

SUMMARY OF VITAL STATISTICS  
2012  
THE CITY OF NEW YORK  
**Appendix A**

**Supplemental Population,  
Mortality, Infant Mortality, and  
Pregnancy Outcome Data Tables**



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BUREAU OF VITAL STATISTICS, NEW YORK CITY DEPARTMENT OF HEALTH AND MENTAL HYGIENE  
125 WORTH STREET, CN 7, NEW YORK, NEW YORK, 10013

JANUARY 2014

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# POPULATION CHARACTERISTICS

Table PC1. Population, Live Births, Fertility Rates, Marriages, Deaths, and Infant Mortality, New York City, 1898-2012

Year	Population	Live Births		Fertility Rates	Marriages†		Deaths		Infant Mortality	
		Total Reported*	Rate per 1,000 Population	Per 1,000 Women Aged 15-44	Total Reported*	Rate per 1,000 Population	Total Reported*	Rate per 1,000 Population	Deaths Under One Year*	Rate per 1,000 Live Births
1898-1900	3,358,000	119,000	35.4		30,535	9.1	67,503	20.1	16,264	136.7
1901-1905	3,786,000	129,000	34.1		37,988	10.0	71,689	18.9	15,611	121
1906-1910	4,473,000	144,000	32.2		44,966	10.1	75,865	17.0	16,609	115.3
1911-1915	5,049,000	140,581	27.8		51,157	10.1	74,666	14.8	14,060	100
1916-1920	5,492,000	136,101	24.8		59,081	10.8	80,435	14.6	12,004	88.2
1921-1925	6,175,000	130,462	21.1		62,710	10.2	69,303	11.2	8,985	68.9
1926-1930	6,703,000	125,590	18.7		62,278	9.3	75,395	11.2	7,662	61.0
1931-1935	7,101,000	106,179	15.0		63,273	8.9	75,561	10.6	5,521	52.0
1936-1940	7,363,000	102,418	13.9		69,184	9.4	76,065	10.3	4,079	39.8
1941-1945	7,597,000	126,495	16.7		76,086	10.0	78,382	10.3	3,525	27.9
1946-1950	7,815,000	158,926	20.3		90,914	11.6	79,708	10.2	4,139	26.0
1951-1955	7,867,000	163,526	20.8		71,689	9.1	80,583	10.2	3,986	24.4
1956-1960	7,806,000	166,949	21.4		68,281	8.7	84,290	10.8	4,290	25.7
1961	7,793,000	168,383	21.6		66,258	8.5	86,855	11.1	4,307	25.6
1962	7,805,000	165,244	21.2		65,512	8.4	87,089	11.2	4,510	27.3
1963	7,816,000	167,848	21.5		67,886	8.7	88,621	11.3	4,334	25.8
1964	7,828,000	165,695	21.2		70,053	8.9	88,026	11.2	4,438	26.8
1965	7,839,000	158,815	20.3		71,880	9.2	87,395	11.1	4,076	25.7
1961-1965	7,816,200	165,197	21.1		68,318	8.7	87,597	11.2	4,333	26.2
1966	7,850,000	153,335	19.5		66,689	8.5	88,418	11.3	3,819	24.9
1967	7,862,000	145,802	18.5		68,876	8.8	87,610	11.1	3,489	23.9
1968	7,873,000	141,920	18.0		73,307	9.3	91,169	11.6	3,282	23.1
1969	7,885,000	146,221	18.5		75,220	9.5	88,535	11.2	3,563	24.4
1970	7,894,862	149,192	18.9		74,174	9.4	88,161	11.2	3,230	21.6
1966-1970	7,872,972	147,294	18.7		71,653	9.1	88,779	11.3	3,477	23.6
1971	7,832,000	131,920	16.8		73,810	9.4	86,724	11.1	2,751	20.9
1972	7,731,000	117,088	15.1		73,253	9.5	85,363	11.0	2,321	19.8
1973	7,648,000	110,639	14.5		70,104	9.2	82,319	10.8	2,206	19.9
1974	7,566,000	110,642	14.6		61,925	8.2	79,846	10.6	2,175	19.7
1975	7,484,000	109,418	14.6		59,591	8	76,312	10.2	2,110	19.3
1976	7,401,000	109,995	14.9		55,829	7.5	77,538	10.5	2,092	19.0
1977	7,318,000	110,486	15.1		52,804	7.2	75,011	10.3	1,971	17.8
1978	7,236,000	106,720	14.7		54,247	7.5	73,081	10.1	1,827	17.1
1979	7,154,000	106,021	14.8		58,532	8.2	72,079	10.1	1,767	16.7
1980	7,071,639	107,066	15.1	63.6	58,637	8.3	76,625	10.8	1,719	16.1
1981	7,097,000	108,547	15.3	63.9	61,775	8.7	73,329	10.3	1,678	15.5
1982	7,122,000	111,487	15.7	65.1	66,619	9.4	73,083	10.3	1,706	15.3
1983	7,147,000	112,353	15.7	65.1	68,164	9.5	73,544	10.3	1,603	14.3
1984	7,172,000	113,332	15.8	65.1	76,336	10.6	74,278	10.4	1,540	13.6
1985	7,197,000	118,542	16.5	67.6	77,897	10.8	74,852	10.4	1,591	13.4
1986	7,222,000	122,108	16.9	69.0	82,199	11.4	75,702	10.5	1,566	12.8
1987	7,247,000	127,386	17.6	71.5	76,194	10.5	76,448	10.5	1,673	13.1
1988	7,272,000	132,226	18.2	73.6	74,137	10.2	77,817	10.7	1,770	13.4
1989	7,297,000	137,673	18.9	76.0	69,758	9.6	75,957	10.4	1,827	13.3
1990	7,322,564	139,630	19.1	76.5	71,301	9.7	73,875	10.1	1,620	11.6
1991	7,388,000	138,148	18.7	75.3	69,314	9.4	72,421	9.8	1,575	11.4
1992	7,455,000	136,002	18.2	73.8	71,947	9.7	71,001	9.5	1,390	10.2
1993	7,522,000	133,583	17.8	72.1	72,490	9.6	73,408	9.8	1,366	10.2
1994	7,590,000	133,662	17.6	71.8	70,438	9.3	71,038	9.4	1,207	9.0
1995	7,658,000	131,009	17.1	70.1	71,507	9.3	70,769	9.2	1,155	8.8
1996	7,727,000	126,901	16.4	67.5	79,361	10.3	66,784	8.6	992	7.8
1997	7,796,000	123,313	15.8	65.3	80,027	10.3	62,506	8.0	881	7.1
1998	7,866,000	124,252	15.8	65.5	53,661	6.8	61,010	7.8	843	6.8
1999	7,937,000	123,739	15.6	64.9	55,075	6.9	62,470	7.9	848	6.9
2000	8,008,278	125,563	15.7	65.5	58,291	7.3	60,839	7.6	839	6.7
2001†	8,060,000	124,023	15.4	64.5	72,587	9.0	62,964	7.8	760	6.1
2001†	8,060,000		Excluding World Trade Center disaster deaths				60,218	7.5		
2002†	8,072,000	122,937	15.2	64.1	65,490	8.1	59,651	7.4	742	6.0
2003†	8,068,000	124,345	15.4	65.1	61,101	7.6	59,213	7.3	807	6.5
2004†	8,043,000	124,099	15.4	65.3	62,057	7.7	57,466	7.1	760	6.1
2005†	8,013,000	122,725	15.3	65.0	66,348	8.3	57,068	7.1	732	6.0
2006†	7,994,000	125,506	15.7	66.6	65,619	8.2	55,391	6.9	740	5.9
2007	8,014,000	128,961	16.1	68.4	66,483	8.3	54,073	6.7	697	5.4
2008	8,068,000	127,680	15.8	67.3	66,670	8.3	54,193	6.7	698	5.5
2009	8,132,000	126,774	15.6	66.5	65,542	8.1	52,881	6.5	668	5.3
2010	8,175,133	124,791	15.3	65.3	67,051	8.2	52,575	6.4	609	4.9
2011	8,244,910	123,029	14.9	64.5	71,401	8.7	52,789	6.4	577	4.7
2012	8,336,697	123,231	14.8	64.1	74,362	8.9	52,455	6.3	583	4.7

\*Figures prior to 1966 are averages across the years presented; single-year figures prior to 1966 appear in the annual summaries for 1965 and earlier. Figures for 1898-1913 births are estimated.

† Population data may vary by publication year. See Technical Notes: Population, Citywide.

‡ See Technical Notes: Vital Event Reporting.

# POPULATION CHARACTERISTICS

**Table PC2. Population Estimates by Age, Mutually Exclusive Race and Hispanic Origin, and Sex, New York City, 2012**

Age in Years	All		Hispanic		Non-Hispanic White		Non-Hispanic Black		Asian and Pacific Islander		Other or Multiple Race							
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female						
All Ages	8,336,697	3,972,371	4,364,326	2,406,889	1,168,292	1,238,597	2,757,628	1,339,445	1,418,183	1,900,419	855,269	1,045,150	1,124,538	540,227	584,331	147,203	69,138	78,065
Under 5	544,892	278,672	266,220	190,160	97,069	93,091	151,067	77,421	73,646	122,077	62,106	59,971	61,945	31,978	29,967	19,643	10,098	9,545
5-9	482,213	246,547	235,666	170,339	86,991	83,348	127,103	65,436	61,667	114,121	57,809	56,312	57,700	29,810	27,890	12,950	6,501	6,449
10-14	464,739	237,030	227,709	165,590	84,543	81,047	110,332	56,947	53,385	122,297	61,443	60,854	55,759	28,628	27,131	10,761	5,469	5,292
15-19	496,237	250,813	245,424	181,370	92,463	88,907	113,351	57,135	56,216	132,161	66,003	66,158	59,281	30,281	29,000	10,074	4,931	5,143
20-24	646,005	316,963	329,042	213,644	110,420	103,224	179,459	84,459	95,000	154,453	75,043	79,410	86,415	41,383	45,032	12,034	5,658	6,376
25-29	756,643	363,488	393,155	209,486	107,382	102,104	282,375	133,700	148,675	141,464	65,382	76,082	109,659	50,994	58,665	13,659	6,030	7,629
30-34	694,963	337,884	357,079	198,143	99,875	98,268	247,988	125,080	122,908	131,831	59,038	72,793	105,236	48,630	56,606	11,765	5,261	6,504
35-39	587,468	286,026	301,442	173,015	86,185	86,830	193,420	100,082	93,338	119,518	52,347	67,171	91,937	43,064	48,873	9,578	4,348	5,230
40-44	574,299	279,100	295,199	167,555	82,187	85,368	179,654	93,997	85,657	130,434	57,160	73,274	87,710	41,635	46,075	8,946	4,121	4,825
45-49	560,192	269,767	290,425	158,992	75,514	83,478	166,758	87,524	79,234	142,242	62,438	79,804	83,586	40,254	43,332	8,614	4,037	4,577
50-54	547,728	259,160	288,568	143,722	66,235	77,487	176,328	89,127	87,201	140,124	61,509	78,615	79,615	38,672	40,943	7,939	3,617	4,322
55-59	501,130	231,435	269,695	121,212	53,901	67,311	178,725	87,308	91,417	121,548	51,636	69,912	73,173	35,613	37,560	6,472	2,977	3,495
60-64	434,872	196,037	238,835	98,252	42,719	55,533	172,474	81,098	91,376	99,798	41,585	58,213	59,299	28,442	30,857	5,049	2,193	2,856
65-69	327,798	142,952	184,846	74,006	30,966	43,040	135,651	62,234	73,417	76,191	30,235	45,956	38,516	18,038	20,478	3,434	1,479	1,955
70-74	244,093	102,663	141,430	53,802	21,637	32,165	102,494	45,430	57,064	56,671	21,304	35,367	28,668	13,249	15,419	2,458	1,043	1,415
75-79	182,556	74,356	108,200	38,860	14,644	24,216	81,215	35,227	45,988	39,949	14,285	25,664	20,873	9,537	11,336	1,659	663	996
80-84	140,572	52,573	87,999	26,319	9,070	17,249	72,374	28,910	43,464	27,280	8,530	18,750	13,573	5,699	7,874	1,026	364	662
85 & Over	150,297	46,905	103,392	22,422	6,491	15,931	86,860	28,330	58,530	28,260	7,416	20,844	11,613	4,320	7,293	1,142	348	794

Data Source: US Census Bureau, population estimates, 2012.

**Table PC3. Marriages, Births, Deaths, and Infant Deaths by Month and Average per Day, New York City, 2012**

Months	Number				Average Per Day			
	Marriages*	Births	Deaths	Infant Deaths	Marriages	Births	Deaths	Infant Deaths
January	4,679	10,057	4,664	38	151	324	150	1.2
February	5,453	9,396	4,168	44	188	324	144	1.5
March	6,008	9,908	4,424	59	194	320	143	1.9
April	6,438	9,379	4,356	50	215	313	145	1.7
May	7,200	10,190	4,275	50	232	329	138	1.6
June	7,029	10,124	4,053	38	234	337	135	1.3
July	6,808	10,502	4,172	53	220	339	135	1.7
August	7,715	11,036	4,170	53	249	356	135	1.7
September	6,334	10,713	4,115	43	211	357	137	1.4
October	5,791	10,855	4,515	54	187	350	146	1.7
November	5,094	10,566	4,618	51	170	352	154	1.7
December	5,813	10,505	4,925	50	188	339	159	1.6
Total	74,362	123,231	52,455	583	203	337	143	1.6

\* See Technical Notes: Vital Event Reporting.

# MORTALITY

**Table M1. Deaths by Selected Underlying Cause, Borough of Residence, Sex, and ICD-10/ICD-9 Comparability Ratio, New York City, 2012**

Cause (Codes from International Classification of Diseases (ICD), Tenth Revision, 1999)	BOROUGH OF RESIDENCE										SEX		ICD-10/ICD-9 Comparability Ratio
	Total	Manhattan	Bronx	Brooklyn	Queens	Staten Island	Nonresidents	Residence Unknown	Male	Female	SEX		
											Male	Female	
<b>Total Deaths</b>	52,455	9,238	8,649	15,050	12,184	3,319	3,896	119	23,518	25,667	26,788		
<b>Natural Causes</b>	49,476	8,722	8,138	14,265	11,569	3,081	3,615	86	23,518	25,958	26,788		
1.* Tuberculosis (A16-A19)	16	4	1	6	5	-	-	-	8	7	8	0.88	
Respiratory tuberculosis (A16)	13	2	-	6	5	-	-	-	7	6	6	0.94	
2.* Septicemia (A40-A41)	451	51	101	156	103	17	22	1	209	242	242	1.19	
3.* Viral Hepatitis (B15-B19)	396	66	99	90	72	19	48	2	249	147	147	0.71	
4.* Human Immunodeficiency Virus (HIV) Disease (B20-B24)	609	108	173	213	62	19	32	2	402	207	207	1.08	
5. All Other Infective and Parasitic Diseases (Rest of A01-B99)	470	77	71	146	127	22	27	-	196	274	274		
6.* Malignant Neoplasms (C00-C97)	13,405	2,409	2,031	3,720	2,964	779	1,487	15	6,583	6,822	6,822	1.01	
Lip, oral cavity, and pharynx (C00-C14)	211	41	27	63	42	14	23	1	141	70	70	0.96	
Esophagus (C15)	225	47	39	55	42	14	28	-	160	65	65	0.99	
Stomach (C16)	475	59	79	142	139	18	38	-	259	216	216	1.01	
Colon, rectum, and anus (C18-C21)	1,380	218	236	407	322	78	117	2	663	717	717	1.00	
Liver and intrahepatic bile ducts (C22)	706	129	143	172	144	45	71	2	480	226	226	0.96	
Pancreas (C25)	1,020	179	142	306	216	59	117	1	490	530	530	1.00	
Larynx (C32)	96	14	34	20	3	3	5	-	76	20	20	1.01	
Trachea, bronchus, and lung (C33-C34)	2,887	527	438	826	626	199	267	4	1,585	1,302	1,302	0.98	
Melanoma of skin (C43)	164	35	19	39	30	8	33	-	90	74	74	0.95	
Mesothelioma (C45)	33	6	2	6	11	2	6	-	25	5	5	1.01	
Breast (C50)	1,127	208	178	338	232	56	113	2	5	1,122	1,122	1.01	
Cervix uteri (C53)	134	21	20	45	33	8	7	-	-	134	134	1.00	
Corpus uteri and uterus, part unspecified (C54-C55)	323	62	59	99	59	14	30	-	-	323	323	1.02	
Ovary (C56)	380	73	25	110	96	30	46	-	-	380	380	0.99	
Prostate (C61)	681	135	103	210	161	26	26	-	681	-	-	1.01	
Kidney and renal pelvis (C64-C65)	214	30	45	51	46	16	26	-	133	81	81	1.00	
Bladder (C67)	338	66	40	81	87	26	37	1	227	111	111	1.00	
Meninges, brain, and other parts of central nervous system (C70-C72)	284	42	35	73	68	14	52	-	134	150	150	0.98	
Lymphoid, hematopoietic and related tissues (C81-C96)	1,314	252	171	294	276	71	250	-	726	588	588	1.00	
Hodgkin's disease (C81)	30	11	2	5	5	-	7	-	16	14	14	1.00	
Non-Hodgkin's lymphoma (C82-C85)	487	86	69	111	96	35	90	-	269	218	218	0.98	
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	265	54	49	60	53	11	38	-	135	130	130	1.04	
Leukemia (C91-C95)	528	101	51	116	122	25	113	-	303	225	225	1.01	
7.* In Situ or Benign Neoplasms and Neoplasms of Uncertain or Unknown Behavior (D00-D48)	246	49	37	65	42	14	38	1	124	122	122	1.63	
8.* Anemias (D50-D64)	76	11	15	24	12	6	7	1	31	45	45	0.94	
9.* Diabetes Mellitus (E10-E14)	1,813	265	321	639	399	98	88	3	883	930	930	1.02	
10.† Mental and Behavioral Disorders Due to Use of Alcohol (F10)	231	44	52	64	51	8	8	4	187	44	44		
11. Mental and Behavioral Disorders Due to Use of Psychoactive Substance Excluding Alcohol and Tobacco (F11-F16, F18-F19) ‡	152	26	70	21	14	9	8	4	100	52	52		
12. Diseases of Nervous System (G00-G98)	1,348	347	249	288	321	71	70	2	545	803	803		
* Meningitis (G00, G03)	22	5	3	7	3	-	4	-	16	6	6	1.01	
* Parkinson's disease (G20-G21)	242	71	31	43	74	9	14	-	128	114	114	1.01	
* Alzheimer's disease (G30)	696	200	135	140	161	37	22	1	208	488	488	1.58	
13. Major Cardiovascular Diseases (I00-I78)	19,808	3,267	3,146	5,900	4,951	1,405	1,100	39	9,270	10,538	10,538	1.00	
Diseases of heart (I00-I09, I11, I13, I20-I25)	16,732	2,674	2,650	5,025	4,192	1,256	899	36	7,955	8,777	8,777	0.99	
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	43	11	2	12	7	2	9	-	12	31	31	0.88	
Hypertensive heart disease (I11)	1,812	355	344	612	317	110	70	4	883	929	929	0.80	
Hypertensive heart and renal disease (I13)	146	19	45	35	32	8	7	-	79	67	67	1.13	
Chronic ischemic heart disease (I20, I25)	10,962	1,622	1,680	3,181	3,114	808	534	23	5,155	5,807	5,807	1.01	
Acute myocardial infarction (I21-I22)	2,246	363	358	767	385	250	118	5	1,082	1,164	1,164	0.99	
Cardiomyopathy (I42)	145	19	23	36	37	5	24	1	97	48	48		

Continued on the next page.

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**Table M1. Deaths by Selected Underlying Cause, Borough of Residence, Sex, and ICD-10/ICD-9 Comparability Ratio, New York City, 2012 (Continued)**

Cause (Codes from International Classification of Diseases (ICD), Tenth Revision, 1999)	BOROUGH OF RESIDENCE										SEX		ICD-10/ICD-9 Comparability Ratio
	Total	Manhattan	Bronx	Brooklyn	Queens	Staten Island	Nonresidents	Residence Unknown	Male	Female	SEX		
											Male	Female	
Heart failure (I50)	370	84	55	106	95	11	18	1	192	178	1.04		
* Essential hypertension and hypertensive renal disease (I10, I12, I15)	980	206	165	310	203	38	57	1	418	562	1.12		
* Cerebrovascular diseases (I60-I69)	1,647	307	242	445	449	91	112	1	671	976	1.05		
* Atherosclerosis (I70)	172	28	51	41	45	3	4	-	69	103	0.97		
* Aortic aneurysm and dissection (I71)	178	33	24	48	42	11	20	-	119	59	1.00		
14.* Influenza and Pneumonia (J09-J18)	2,245	353	405	734	535	128	89	1	1,079	1,166	0.70		
15.* Chronic Lower Respiratory Diseases (J40-J47)	1,651	320	281	447	389	145	68	1	734	917	1.04		
Emphysema (J43)	142	40	28	33	28	6	6	1	73	69	0.96		
Asthma (J45-J46)	166	31	46	55	27	4	3	-	85	81	0.89		
16. Pneumoconiosis Due to Asbestos and Other Mineral Fibres (J61)	2	-	1	-	1	-	-	-	2	-	-		
17.* Pneumonitis Due to Solids and Liquids (J69)	32	9	7	8	6	1	1	-	20	12	1.10		
18.* Peptic Ulcer (K25-K28)	88	16	11	26	18	9	6	2	50	38	0.97		
19.* Chronic Liver Disease and Cirrhosis (K70, K73-K74)	534	79	104	149	117	32	50	3	364	170	1.03		
Alcoholic liver disease (K70)	360	59	75	86	83	23	31	3	261	99	1.00		
20.* Cholelithiasis and Other Disorders of Gallbladder (K80-K82)	70	11	16	22	11	5	5	-	33	37	0.96		
21.* Nephritis, Nephrotic Syndrome, and Nephrosis (N00-N07, N17-N19, N25-N27)	461	74	58	164	106	34	25	-	231	230	1.26		
Renal failure (N17-N19)	446	73	55	158	102	34	24	-	222	224	1.33		
22.* Pregnancy, Childbirth, and the Puerperium (O00-O99)	29	3	11	7	6	1	1	-	-	29	1.14		
Maternal causes (A34, O00-O95, O98-O99)	23	3	7	6	6	1	1	-	-	23	-		
23.* Certain Conditions Originating in the Perinatal Period (P00-P96)	319	30	68	95	77	15	33	1	178	141	1.08		
24.* Congenital Malformations, Deformations, and Chromosomal Abnormalities (Q00-Q99)	247	26	47	58	62	10	43	1	129	118	0.90		
25. Symptoms, Signs, and Abnormal Findings, Not Elsewhere Classified (R00-R94, R96-R99)	424	176	40	110	64	16	17	1	175	249	0.98		
Pending final determination (R99)	0	-	-	-	-	-	-	-	-	-	-		
26. Sudden Infant Death Syndrome (R95)	4	-	1	1	2	-	-	-	1	3	1.06		
27. All Other Natural Causes (Rest of A00-R99)	4,349	901	722	1,112	1,052	218	343	1	1,735	2,614	-		
External Causes	2,979	516	511	785	615	238	281	33	2,149	830	-		
Injury by Firearms (W32-W34, X72-X74, X93-X95, Y22-Y24, Y35.0)	322	26	75	107	69	10	35	-	302	20	1.00		
28.† Accidents (V01-X59, Y85-Y86)	1,694	282	279	441	338	171	166	17	1,193	501	1.03		
Accidental poisoning by psychoactive substances, excluding alcohol and tobacco (X40-X42, X44) †	660	123	122	179	101	70	59	6	492	168	1.04		
† Mental and behavioral disorders due to use of or accidental poisoning by psychoactive substance excluding alcohol and tobacco (F11-F16, F18-F19, X40-X42, X44) †	812	149	192	200	115	79	67	10	592	220	-		
† Accidents except poisoning by psychoactive substance use	1,034	159	157	262	237	101	107	11	701	333	-		
Motor vehicle accidents †	315	37	48	89	72	20	47	2	219	96	0.95		
Accidental falls (W00-W19)	384	71	50	102	96	28	36	1	232	152	0.77		
29.* Intentional Self-harm (Suicide) (U03, X60-X84, Y87.0)	557	132	78	118	143	33	51	2	394	163	1.00		
30.* Assault (Homicide) (U01-U02, X85-Y09, Y87.1)	440	53	115	138	81	13	39	1	374	66	1.00		
31.* Legal Intervention (Y35, Y89.0)	14	2	3	4	3	-	2	-	13	1	0.94		
32. Events of Undetermined Intent (Y10-Y34, Y87.2, Y89.9)	241	41	33	72	43	19	20	13	165	76	0.99		
33.* Complications of Medical and Surgical Care (Y40-Y84, Y88)	33	6	3	12	7	2	3	-	10	23	0.63		
34.* Operations of War and Their Sequelae (Y36, Y89.1)	0	-	-	-	-	-	-	-	-	-	-		

\* Eligible to be ranked as leading causes nationally and in New York City.

† The following cause groups are not ranked as leading causes nationally, but are eligible to be ranked as leading causes in New York City because of the number of deaths and their public health importance: "Mental and behavioral disorders due to use of alcohol", "Mental and behavioral disorders due to use of psychoactive substances excluding alcohol and tobacco", and "Accidents", which in NYC excludes poisoning by psychoactive substances (excluding alcohol and tobacco).

‡ See Technical Notes: Deaths, Drug-Related Deaths.

§ See Technical Notes: Deaths, Maternal Death and Maternal Mortality.

¶ Motor vehicle accident codes include: V02-V04, V09.0, V09.2, V12-V14, V19.0-V19.2, V19.4-V19.6, V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0-V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8, V89.0, and V89.2.

**Table M2. Deaths and Death Rates per 1,000 Population \* by Age, Ethnic Group, and Sex, New York City, 2012**

Age in Years	All						Hispanic						Non-Hispanic White						Non-Hispanic Black						Asian and Pacific Islander						Other/Multiple Race/Unknown					
	Total			Male			Female			Total			Male			Female			Total			Male			Female			Total			Male			Female		
	No.	Rate		No.	Rate		No.	Rate		No.	Rate		No.	Rate		No.	Rate		No.	Rate		No.	Rate		No.	Rate		No.	Rate		No.	Rate		No.	Rate	
All Ages	52,455	6.3	25,667	6.5	26,788	6.1	9,420	3.9	4,846	4.1	4,574	3.7	24,904	9.0	12,035	9.0	12,869	9.1	13,864	7.3	6,480	7.6	7,384	7.1	3,446	3.1	1,856	3.4	1,590	2.7	821	4.50	371			
Age-Adjusted	6.0		7.4		5.0		5.2		6.7		4.3		6.1		7.4		5.1		7.4		9.2		6.2		3.8		4.6		3.2							
Under 5	672	1.2	367	1.3	305	1.1	180	0.9	107	1.1	73	0.8	145	1.0	81	1.0	64	0.9	237	1.9	119	1.9	118	2.0	59	1.0	33	1.0	26	0.9	51	2.7	24			
5-9	61	0.1	35	0.1	26	0.1	19	0.1	8	0.1	11	0.1	17	0.1	11	0.2	6	0.1	20	0.2	12	0.2	8	0.1	3	0.1	3	0.1	-	0.0	2	1	1			
10-14	67	0.1	34	0.1	33	0.1	17	0.1	6	0.1	11	0.1	16	0.1	7	0.1	9	0.2	28	0.2	18	0.3	10	0.2	5	0.1	3	0.1	2	0.1	1	-	1			
15-19	154	0.3	106	0.4	48	0.2	53	0.3	32	0.3	21	0.2	18	0.2	12	0.2	6	0.1	68	0.5	52	0.8	16	0.2	13	0.2	8	0.3	5	0.2	2	2	-			
20-24	400	0.6	299	0.9	101	0.3	113	0.5	92	0.8	21	0.2	112	0.6	79	0.9	33	0.3	151	1.0	118	1.6	33	0.4	18	0.2	5	0.1	13	0.3	6	5	1			
25-29	434	0.6	311	0.9	123	0.3	124	0.6	93	0.9	31	0.3	123	0.4	90	0.7	33	0.2	154	1.1	104	1.6	50	0.7	26	0.2	19	0.4	7	0.1	7	5	2			
30-34	501	0.7	350	1.0	151	0.4	139	0.7	98	1.0	41	0.4	144	0.6	112	0.9	32	0.3	175	1.3	114	1.9	61	0.8	37	0.4	23	0.5	14	0.2	6	3	3			
35-39	626	1.1	386	1.3	240	0.8	179	1.0	120	1.4	59	0.7	182	0.9	124	1.2	58	0.6	201	1.7	106	2.0	95	1.4	49	0.5	26	0.6	23	0.5	15	10	5			
40-44	932	1.6	585	2.1	347	1.2	222	1.3	150	1.8	72	0.8	277	1.5	174	1.9	103	1.2	346	2.7	204	3.6	142	1.9	60	0.7	38	0.9	22	0.5	27	19	8			
45-49	1,624	2.9	951	3.5	673	2.3	388	2.4	262	3.5	126	1.5	455	2.7	275	3.1	180	2.3	640	4.5	320	5.1	320	4.0	96	1.1	62	1.5	34	0.8	45	32	13			
50-54	2,436	4.4	1,506	5.8	930	3.2	543	3.8	324	4.9	219	2.8	803	4.6	531	6.0	272	3.1	876	6.3	509	8.3	367	4.7	167	2.1	112	2.9	55	1.3	47	30	17			
55-59	3,214	6.4	1,920	8.3	1,294	4.8	701	5.8	438	8.1	263	3.9	1,141	6.4	691	7.9	450	4.9	1,094	9.0	610	11.8	484	6.9	217	3.0	144	4.0	73	1.9	61	37	24			
60-64	3,996	9.2	2,397	12.2	1,599	6.7	789	8.0	486	11.4	303	5.5	1,574	9.1	998	12.3	576	6.3	1,296	13.0	693	16.7	603	10.4	268	4.5	175	6.2	93	3.0	69	45	24			
65-69	4,252	13.0	2,450	17.1	1,802	9.7	840	11.4	480	15.5	360	8.4	1,728	12.7	1,011	16.2	717	9.8	1,335	17.5	738	24.4	597	13.0	277	7.2	171	9.5	106	5.2	72	50	22			
70-74	4,713	19.3	2,499	24.3	2,214	15.7	910	16.9	493	22.8	417	13.0	2,017	19.7	1,118	24.6	899	15.8	1,391	24.5	662	31.1	729	20.6	316	11.0	184	13.9	132	8.6	79	42	37			
75-79	5,451	29.9	2,726	36.7	2,725	25.2	1,056	27.2	523	35.7	533	22.0	2,510	30.9	1,301	36.9	1,209	26.3	1,418	35.5	636	44.5	782	30.5	384	18.4	220	23.1	164	14.5	83	46	37			
80-84	6,626	47.1	3,154	60.0	3,472	39.5	1,090	41.4	487	53.7	603	35.0	3,625	50.1	1,822	63.0	1,803	41.5	1,382	50.7	583	68.3	799	42.6	455	33.5	228	40.0	227	28.8	74	34	40			
≥85	16,295	108.4	5,591	119.2	10,704	103.5	2,057	91.7	647	99.7	1,410	88.5	10,017	115.3	3,598	127.0	6,419	109.7	3,052	108.0	882	118.9	2,170	104.1	996	85.8	402	93.1	594	81.4	173	62	111			
Unknown	1	-	0	-	1	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0	1			
Mean age at death	72.6		68.8		76.2		68.1		63.9		72.6		77.1		73.5		80.4		68.1		64.1		71.7		71.9		69.2		75.0		64.8		61.7		68.6	
Median age at death	77		72		81		72		67		77		81		77		84		71		66		75		76		72		80		69		65		75	

\* Population data are from US Census Bureau estimates for July 1, 2012.



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**Table M3. Deaths by Ancestry\* and Borough of Residence, New York City, 2012**

Ancestry	Total	Borough of Residence						Residence Unknown
		Manhattan	Bronx	Brooklyn	Queens	Staten Island	Nonresidents	
Total	52,455	9,238	8,649	15,050	12,184	3,319	3,896	119
Hispanic								
Colombian	277	25	13	21	193	9	15	1
Cuban	428	134	67	59	141	6	20	1
Dominican	1,803	640	644	240	217	8	54	–
Ecuadorian	371	48	67	50	178	7	20	1
Mexican	294	39	53	98	70	22	11	1
Puerto Rican	5,049	974	2,103	1,211	459	126	171	5
Other Hispanic	1,198	166	221	364	329	35	71	12
Non-Hispanic American and Caribbean								
African American	10,091	1,914	2,365	3,412	1,760	186	438	16
American.	10,731	2,791	1,000	2,024	2,546	808	1,560	2
Guyanese	720	13	86	266	331	3	21	–
Haitian	719	45	17	429	175	6	47	–
Jamaican	888	25	230	399	172	6	56	–
Trinidadian	222	13	20	120	61	1	7	–
Other Non-Hispanic American and Caribbean	946	62	116	537	155	12	61	3
European								
English	206	56	19	22	35	47	26	1
German	720	131	69	69	304	85	62	–
Irish	1,658	137	239	274	512	321	175	–
Italian	4,300	179	466	1,228	1,027	1,059	340	1
Polish	758	96	62	244	240	67	49	–
Russian	944	67	37	644	131	49	16	–
Other European	2,454	274	133	893	883	134	137	–
Asian								
Asian Indian	257	23	11	19	134	21	49	–
Bangladeshi	144	6	15	24	90	–	9	–
Chinese	2,101	613	36	675	680	44	53	–
Filipino	211	24	12	16	117	14	28	–
Korean	301	17	11	10	220	12	31	–
Pakistani	109	7	4	46	41	4	7	–
Other Asian	482	67	27	125	177	24	61	1
Other								
Jewish or Hebrew	1,655	152	101	988	229	35	149	1
Other or Not Stated	2,418	500	405	543	577	168	152	73

\* See Technical Notes: Race, Ancestry, and Ethnic Group.

**Table M4. Deaths by Place of Death\*, New York City, 2008-2012**

Place of Death	2008		2009		2010		2011		2012	
	Deaths	%	Deaths	%	Deaths	%	Deaths	%	Deaths	%
Total	54,193	100.0	52,881	100.0	52,575	100.0	52,789	100.0	52,455	100.0
Home	10,456	19.3	10,773	20.4	11,152	21.2	11,215	21.2	11,640	22.2
Hospital										
Voluntary	29,575	54.6	27,976	52.9	26,644	50.7	26,420	50.0	26,388	50.3
Proprietary	574	1.1	289	0.5	273	0.5	259	0.5	249	0.5
Municipal	4,621	8.5	4,671	8.8	4,560	8.7	4,605	8.7	4,217	8.0
Other Government	586	1.1	489	0.9	475	0.9	450	0.9	456	0.9
Nursing Home	6,479	12.0	6,421	12.1	5,822	11.1	8,072	15.3	8,637	16.5
Other Specified Place	1,902	3.5	2,262	4.3	3,649	6.9	1,768	3.3	868	1.7

\* See Technical Notes: Geographical Units, Place of Death.

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Table M5. Deaths by Birthplace and Borough of Residence, New York City, 2012

Birthplace	Total	Borough of Residence					Non-Residents	Residence Unknown
		Manhattan	Bronx	Brooklyn	Queens	Staten Island		
Total	52,455	9,238	8,649	15,050	12,184	3,319	3,896	119
United States & Territories	30,013	5,627	4,795	7,689	6,454	2,629	2,764	55
Puerto Rico	3,877	782	1,577	964	346	88	116	4
China	1,890	557	27	627	604	35	40	–
Dominican Republic	1,689	608	603	223	202	7	46	–
Jamaica	1,174	54	310	471	254	9	75	1
Ukraine	1,039	39	21	809	125	26	19	–
Italy	1,022	38	123	302	335	148	75	1
Guyana	772	13	92	299	340	4	24	–
Haiti	758	50	19	453	185	3	48	–
Poland	654	88	54	280	174	23	35	–
Trinidad and Tobago	514	33	37	286	135	3	20	–
Russia	503	63	26	288	91	21	14	–
Cuba	422	134	68	62	133	7	17	1
Germany	379	120	43	37	128	14	37	–
Ecuador	358	49	66	51	168	7	17	–
Greece	306	23	14	47	193	10	19	–
Colombia	271	26	12	20	189	10	13	1
Ireland	247	33	80	27	77	9	21	–
Barbados	242	14	25	165	32	–	6	–
Mexico	240	34	45	82	53	17	8	1
Philippines	239	29	13	22	126	19	30	–
India	234	21	9	16	120	22	46	–
Romania	228	18	16	74	108	1	11	–
Hungary	226	33	10	111	56	3	13	–
Panama	220	22	23	130	39	3	3	–
Other or Not Stated	4,938	730	541	1,515	1,517	201	379	55

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Table M6. Deaths by Birthplace and Age, New York City, 2012

Birthplace	Total	Age in Years									
		<15	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	Unknown
Total	52,455	800	554	935	1,558	4,060	7,210	8,965	12,077	16,295	1
United States & Territories	30,013	777	420	621	981	2,570	4,284	4,950	6,379	9,030	1
Puerto Rico	3,877	1	10	18	41	205	573	937	1,066	1,026	.
China	1,890	1	7	12	40	110	186	263	542	729	.
Dominican Republic	1,689	3	16	31	60	154	287	330	430	378	.
Jamaica	1,174	1	6	24	32	88	174	269	240	340	.
Ukraine	1,039	-	1	10	10	40	62	126	303	487	.
Italy	1,022	-	-	2	2	22	46	127	328	495	.
Guyana	772	1	3	9	33	62	141	168	201	154	.
Haiti	758	-	2	7	22	53	122	141	212	199	.
Poland	654	-	1	6	10	27	67	54	97	392	.
Trinidad and Tobago	514	-	4	11	16	71	90	118	112	92	.
Russia	503	-	4	5	8	18	49	83	114	222	.
Cuba	422	-	-	-	1	13	30	56	132	190	.
Germany	379	-	1	-	3	4	22	36	89	224	.
Ecuador	358	2	2	19	15	32	53	63	80	92	.
Greece	306	-	-	-	1	10	28	49	114	104	.
Colombia	271	-	3	3	5	16	38	57	73	76	.
Ireland	247	1	-	1	4	2	6	41	83	109	.
Barbados	242	-	1	3	2	13	40	37	61	85	.
Mexico	240	-	23	44	56	50	29	14	16	8	.
Philippines	239	-	1	6	10	17	48	51	55	51	.
India	234	-	1	5	8	33	42	68	50	27	.
Romania	228	-	2	1	2	5	22	26	53	117	.
Hungary	226	-	-	-	1	3	10	15	49	148	.
Panama	220	-	1	-	2	12	30	41	45	89	.
Other or Not Stated	4,938	13	45	97	193	430	731	845	1,153	1,431	.

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**Table M7. Leading Causes of Death in Specified Age Groups, Overall and by Sex,  
New York City, 2012**

Rank	ALL AGES	All		Male		Female	
		Deaths	Percent	Deaths	Percent	Deaths	Percent
1	Diseases of Heart	16,732	31.9	7,955	31.0	8,777	32.8
2	Malignant Neoplasms	13,405	25.6	6,583	25.6	6,822	25.5
3	Influenza and Pneumonia	2,245	4.3	1,079	4.2	1,166	4.4
4	Diabetes Mellitus	1,813	3.5	883	3.4	930	3.5
5	Chronic Lower Respiratory Diseases	1,651	3.1	734	2.9	917	3.4
6	Cerebrovascular Diseases	1,647	3.1	671	2.6	976	3.6
7	Accidents Except Poisoning by Psychoactive Substance	1,034	2.0	701	2.7	333	1.2
8	Essential Hypertension and Hypertensive Renal Disease	980	1.9	418	1.6	562	2.1
9	Use of or Poisoning by Psychoactive Substance	812	1.5	592	2.3	220	0.8
10	Alzheimer's Disease	696	1.3	208	0.8	488	1.8
	All Other Causes	11,440	21.8	5,843	22.8	5,597	20.9
	Total	52,455	100.0	25,667	100.0	26,788	100.0
Rank	< 1 YEAR	Deaths	Percent	Deaths	Percent	Deaths	Percent
1	Congenital Malformations, Deformations	125	21.4	60	18.9	65	24.4
2	Short Gestation and Low Birthweight	119	20.4	63	19.9	56	21.1
3	Cardiovascular Disorders Originating in the Perinatal Period	75	12.9	41	12.9	34	12.8
4	External Causes	55	9.4	30	9.5	25	9.4
5	Newborn Affected by Complications of Placenta	22	3.8	13	4.1	9	3.4
6	Respiratory Distress of Newborn	15	2.6	12	3.8	3	1.1
7	Bacterial Sepsis of Newborn	10	1.7	6	1.9	4	1.5
7	Other Respiratory Conditions Originating in the Perinatal Period	10	1.7	4	1.3	6	2.3
9	Neonatal Hemorrhage	9	1.5	7	2.2	2	0.8
9	Necrotizing Enterocolitis of Newborn	9	1.5	5	1.6	4	1.5
	All Other Causes	134	23.0	76	24.0	58	21.8
	Total	583	100.0	317	100.0	266	100.0
Rank	1 - 14 YEARS	Deaths	Percent	Deaths	Percent	Deaths	Percent
1	Malignant Neoplasms	42	19.4	18	15.1	24	24.5
2	Accidents Except Poisoning by Psychoactive Substance	31	14.3	20	16.8	11	11.2
3	Congenital Malformations, Deformations	26	12.0	17	14.3	9	9.2
4	Assault (Homicide)	19	8.8	14	11.8	5	5.1
5	Chronic Lower Respiratory Diseases	13	6.0	6	5.0	7	7.1
6	Diseases of Heart	12	5.5	7	5.9	5	5.1
7	Cerebrovascular Diseases	6	2.8	3	2.5	3	3.1
7	Influenza and Pneumonia	6	2.8	3	2.5	3	3.1
7	Intentional Self-harm (Suicide)	6	2.8	2	1.7	4	4.1
	All Other Causes	56	25.8	29	24.4	27	27.6
	Total	217	100.0	119	100.0	98	100.0
Rank	15 - 24 YEARS	Deaths	Percent	Deaths	Percent	Deaths	Percent
1	Assault (Homicide)	141	25.5	133	32.8	8	5.4
2	Accidents Except Poisoning by Psychoactive Substance	87	15.7	67	16.5	20	13.4
3	Intentional Self-harm (Suicide)	66	11.9	46	11.4	20	13.4
4	Malignant Neoplasms	51	9.2	27	6.7	24	16.1
5	Use of or Poisoning by Psychoactive Substance	48	8.7	40	9.9	8	5.4
6	Diseases of Heart	19	3.4	9	2.2	10	6.7
7	Congenital Malformations, Deformations	16	2.9	7	1.7	9	6.0
8	Chronic Lower Respiratory Diseases	15	2.7	11	2.7	4	2.7
9	Human Immunodeficiency Virus (HIV) Disease	11	2.0	5	1.2	6	4.0
10	Legal Intervention	7	1.3	6	1.5	1	0.7
	All Other Causes	93	16.8	54	13.3	39	26.2
	Total	554	100.0	405	100.0	149	100.0
Rank	25 - 34 YEARS	Deaths	Percent	Deaths	Percent	Deaths	Percent
1	Use of or Poisoning by Psychoactive Substance	147	15.7	118	17.9	29	10.6
2	Assault (Homicide)	133	14.2	120	18.2	13	4.7
3	Malignant Neoplasms	126	13.5	67	10.1	59	21.5
4	Accidents Except Poisoning by Psychoactive Substance	100	10.7	84	12.7	16	5.8
5	Intentional Self-harm (Suicide)	94	10.1	66	10.0	28	10.2
6	Diseases of Heart	62	6.6	48	7.3	14	5.1
7	Human Immunodeficiency Virus (HIV) Disease	34	3.6	24	3.6	10	3.6
8	Diabetes Mellitus	17	1.8	12	1.8	5	1.8
9	Pregnancy, Childbirth, and the Puerperium	16	1.7	-	-	16	5.8
10	Congenital Malformations, Deformations	13	1.4	8	1.2	5	1.8
	All Other Causes	193	20.6	114	17.2	79	28.8
	Total	935	100.0	661	100.0	274	100.0

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**Table M7. Leading Causes of Death in Specified Age Groups, Overall and by Sex,  
New York City, 2012 (Continued).**

Rank	35 - 44 YEARS	All		Male		Female	
		Deaths	Percent	Deaths	Percent	Deaths	Percent
1	Malignant Neoplasms	342	22.0	148	15.2	194	33.0
2	Diseases of Heart	209	13.4	156	16.1	53	9.0
3	Use of or Poisoning by Psychoactive Substance	170	10.9	122	12.6	48	8.2
4	Accidents Except Poisoning by Psychoactive Substance	94	6.0	81	8.3	13	2.2
5	Human Immunodeficiency Virus (HIV) Disease	90	5.8	54	5.6	36	6.1
6	Intentional Self-harm (Suicide)	83	5.3	64	6.6	19	3.2
7	Assault (Homicide)	59	3.8	46	4.7	13	2.2
8	Diabetes Mellitus	46	3.0	33	3.4	13	2.2
9	Chronic Liver Disease and Cirrhosis	45	2.9	35	3.6	10	1.7
10	Cerebrovascular Diseases	38	2.4	20	2.1	18	3.1
	All Other Causes	382	24.5	212	21.8	170	29.0
	Total	1,558	100.0	971	100.0	587	100.0
Rank	45 - 54 YEARS	Deaths	Percent	Deaths	Percent	Deaths	Percent
1	Malignant Neoplasms	1,235	30.4	575	23.4	660	41.2
2	Diseases of Heart	808	19.9	568	23.1	240	15.0
3	Use of or Poisoning by Psychoactive Substance	275	6.8	186	7.6	89	5.6
4	Human Immunodeficiency Virus (HIV) Disease	217	5.3	136	5.5	81	5.1
5	Diabetes Mellitus	143	3.5	97	3.9	46	2.9
6	Accidents Except Poisoning by Psychoactive Substance	127	3.1	99	4.0	28	1.7
7	Intentional Self-harm (Suicide)	125	3.1	88	3.6	37	2.3
8	Chronic Liver Disease and Cirrhosis	118	2.9	80	3.3	38	2.4
9	Cerebrovascular Diseases	116	2.9	67	2.7	49	3.1
10	Mental Disorder Due to Use of Alcohol	87	2.1	68	2.8	19	1.2
	All Other Causes	809	19.9	493	20.1	316	19.7
	Total	4,060	100.0	2,457	100.0	1,603	100.0
Rank	55 - 64 YEARS	Deaths	Percent	Deaths	Percent	Deaths	Percent
1	Malignant Neoplasms	2,604	36.1	1,348	31.2	1,256	43.4
2	Diseases of Heart	1,753	24.3	1,181	27.4	572	19.8
3	Diabetes Mellitus	288	4.0	174	4.0	114	3.9
4	Chronic Liver Disease and Cirrhosis	185	2.6	132	3.1	53	1.8
5	Viral Hepatitis	183	2.5	125	2.9	58	2.0
6	Influenza and Pneumonia	177	2.5	104	2.4	73	2.5
7	Cerebrovascular Diseases	173	2.4	108	2.5	65	2.2
8	Human Immunodeficiency Virus (HIV) Disease	169	2.3	120	2.8	49	1.7
8	Chronic Lower Respiratory Diseases	169	2.3	89	2.1	80	2.8
10	Use of or Poisoning by Psychoactive Substance	148	2.1	110	2.5	38	1.3
	All Other Causes	1,361	18.9	826	19.1	535	18.5
	Total	7,210	100.0	4,317	100.0	2,893	100.0
Rank	65 - 74 YEARS	Deaths	Percent	Deaths	Percent	Deaths	Percent
1	Malignant Neoplasms	3,340	37.3	1,756	35.5	1,584	39.4
2	Diseases of Heart	2,552	28.5	1,553	31.4	999	24.9
3	Diabetes Mellitus	382	4.3	190	3.8	192	4.8
4	Chronic Lower Respiratory Diseases	332	3.7	159	3.2	173	4.3
5	Influenza and Pneumonia	297	3.3	175	3.5	122	3.0
6	Cerebrovascular Diseases	248	2.8	126	2.5	122	3.0
7	Essential Hypertension and Hypertensive Renal Disease	170	1.9	84	1.7	86	2.1
8	Accidents Except Poisoning by Psychoactive Substance	118	1.3	77	1.6	41	1.0
9	Chronic Liver Disease and Cirrhosis	113	1.3	78	1.6	35	0.9
10	Nephritis, Nephrotic Syndrome, and Nephrosis	86	1.0	51	1.0	35	0.9
	All Other Causes	1,327	14.8	700	14.1	627	15.6
	Total	8,965	100.0	4,949	100.0	4,016	100.0
Rank	75 - 84 YEARS	Deaths	Percent	Deaths	Percent	Deaths	Percent
1	Diseases of Heart	4,108	34.0	2,072	35.2	2,036	32.9
2	Malignant Neoplasms	3,424	28.4	1,703	29.0	1,721	27.8
3	Influenza and Pneumonia	604	5.0	323	5.5	281	4.5
4	Chronic Lower Respiratory Diseases	511	4.2	235	4.0	276	4.5
5	Diabetes Mellitus	487	4.0	215	3.7	272	4.4
6	Cerebrovascular Disease	429	3.6	179	3.0	250	4.0
7	Essential Hypertension and Hypertensive Renal Disease	238	2.0	102	1.7	136	2.2
8	Accidents Except Poisoning by Psychoactive Substance	153	1.3	82	1.4	71	1.1
8	Alzheimer's Disease	153	1.3	50	0.9	103	1.7
10	Nephritis, Nephrotic Syndrome, and Nephrosis	120	1.0	61	1.0	59	1.0
	All Other Causes	1,850	15.3	858	14.6	992	16.0
	Total	12,077	100.0	5,880	100.0	6,197	100.0
Rank	≥ 85 YEARS	Deaths	Percent	Deaths	Percent	Deaths	Percent
1	Diseases of Heart	7,202	44.2	2,357	42.2	4,845	45.3
2	Malignant Neoplasms	2,241	13.8	941	16.8	1,300	12.1
3	Influenza and Pneumonia	1,052	6.5	410	7.3	642	6.0
4	Cerebrovascular Diseases	620	3.8	157	2.8	463	4.3
5	Chronic Lower Respiratory Diseases	522	3.2	184	3.3	338	3.2
6	Alzheimer's Disease	489	3.0	127	2.3	362	3.4
7	Diabetes Mellitus	448	2.7	160	2.9	288	2.7
8	Essential Hypertension and Hypertensive Renal Disease	394	2.4	126	2.3	268	2.5
9	Accidents Except Poisoning by Psychoactive Substance	171	1.0	80	1.4	91	0.9
10	Nephritis, Nephrotic Syndrome, and Nephrosis	154	0.9	57	1.0	97	0.9
	All Other Causes	3,002	18.4	992	17.7	2,010	18.8
	Total	16,295	100.0	5,591	100.0	10,704	100.0

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**Table M8. Leading Causes of Death in Specified Racial/Ethnic Groups\* by Sex, New York City, 2012**

Rank	Puerto Rican	All		Male		Female	
		Deaths	Percent	Deaths	Percent	Deaths	Percent
1	Diseases of Heart	1,383	27.4	686	26.5	697	28.3
2	Malignant Neoplasms	1,103	21.8	587	22.7	516	20.9
3	Diabetes Mellitus	244	4.8	116	4.5	128	5.2
4	Influenza and Pneumonia	230	4.6	108	4.2	122	5.0
5	Chronic Lower Respiratory Diseases	185	3.7	86	3.3	99	4.0
6	Use of or Poisoning by Psychoactive Substance	155	3.1	119	4.6	36	1.5
7	Cerebrovascular Diseases	134	2.7	53	2.1	81	3.3
8	Human Immunodeficiency Virus (HIV) Disease	115	2.3	75	2.9	40	1.6
9	Viral Hepatitis	114	2.3	78	3.0	36	1.5
10	Chronic Liver Disease and Cirrhosis	108	2.1	70	2.7	38	1.5
	All Other Causes	1,278	25.3	607	23.5	671	27.2
	<b>Total</b>	<b>5,049</b>	<b>100.0</b>	<b>2,585</b>	<b>100.0</b>	<b>2,464</b>	<b>100.0</b>
Rank	Other Hispanic	Deaths	Percent	Deaths	Percent	Deaths	Percent
1	Malignant Neoplasms	1,148	26.3	539	23.8	609	28.9
2	Diseases of Heart	1,131	25.9	565	25.0	566	26.8
3	Influenza and Pneumonia	184	4.2	97	4.3	87	4.1
4	Cerebrovascular Diseases	164	3.8	76	3.4	88	4.2
5	Accidents Except Poisoning by Psychoactive Substance	162	3.7	133	5.9	29	1.4
6	Diabetes Mellitus	150	3.4	78	3.4	72	3.4
7	Chronic Lower Respiratory Diseases	105	2.4	46	2.0	59	2.8
8	Chronic Liver Disease and Cirrhosis	89	2.0	73	3.2	16	0.8
9	Essential Hypertension and Hypertensive Renal Disease	80	1.8	31	1.4	49	2.3
10	Intentional Self-harm (Suicide)	78	1.8	59	2.6	19	0.9
	All Other Causes	1,080	24.7	564	24.9	516	24.5
	<b>Total</b>	<b>4,371</b>	<b>100.0</b>	<b>2,261</b>	<b>100.0</b>	<b>2,110</b>	<b>100.0</b>
Rank	Asian and Pacific Islander	Deaths	Percent	Deaths	Percent	Deaths	Percent
1	Malignant Neoplasms	1,086	31.5	622	33.5	464	29.2
2	Diseases of Heart	872	25.3	470	25.3	402	25.3
3	Cerebrovascular Diseases	172	5.0	70	3.8	102	6.4
4	Influenza and Pneumonia	151	4.4	77	4.1	74	4.7
5	Diabetes Mellitus	133	3.9	76	4.1	57	3.6
6	Chronic Lower Respiratory Diseases	94	2.7	55	3.0	39	2.5
7	Accidents Except Poisoning by Psychoactive Substance	90	2.6	56	3.0	34	2.1
8	Essential Hypertension and Hypertensive Renal Disease	78	2.3	39	2.1	39	2.5
9	Intentional Self-harm (Suicide)	75	2.2	41	2.2	34	2.1
10	Nephritis, Nephrotic Syndrome, and Nephrosis	39	1.1	17	0.9	22	1.4
	All Other Causes	656	19.0	333	17.9	323	20.3
	<b>Total</b>	<b>3,446</b>	<b>100.0</b>	<b>1,856</b>	<b>100.0</b>	<b>1,590</b>	<b>100.0</b>
Rank	Non-Hispanic White	Deaths	Percent	Deaths	Percent	Deaths	Percent
1	Diseases of Heart	8,875	35.6	4,156	34.5	4,719	36.7
2	Malignant Neoplasms	6,441	25.9	3,185	26.5	3,256	25.3
3	Influenza and Pneumonia	1,117	4.5	541	4.5	576	4.5
4	Chronic Lower Respiratory Diseases	859	3.4	352	2.9	507	3.9
5	Cerebrovascular Diseases	701	2.8	285	2.4	416	3.2
6	Diabetes Mellitus	532	2.1	292	2.4	240	1.9
7	Accidents Except Poisoning by Psychoactive Substance	463	1.9	286	2.4	177	1.4
8	Use of or Poisoning by Psychoactive Substance	363	1.5	272	2.3	91	0.7
9	Essential Hypertension and Hypertensive Renal Disease	352	1.4	153	1.3	199	1.5
10	Alzheimer's Disease	337	1.4	115	1.0	222	1.7
	All Other Causes	4,864	19.5	2,398	19.9	2,466	19.2
	<b>Total</b>	<b>24,904</b>	<b>100.0</b>	<b>12,035</b>	<b>100.0</b>	<b>12,869</b>	<b>100.0</b>
Rank	Non-Hispanic Black	Deaths	Percent	Deaths	Percent	Deaths	Percent
1	Diseases of Heart	4,209	30.4	1,940	29.9	2,269	30.7
2	Malignant Neoplasms	3,475	25.1	1,563	24.1	1,912	25.9
3	Diabetes Mellitus	717	5.2	308	4.8	409	5.5
4	Influenza and Pneumonia	537	3.9	242	3.7	295	4.0
5	Cerebrovascular Diseases	442	3.2	170	2.6	272	3.7
6	Chronic Lower Respiratory Diseases	388	2.8	184	2.8	204	2.8
7	Human Immunodeficiency Virus (HIV) Disease	359	2.6	223	3.4	136	1.8
8	Essential Hypertension and Hypertensive Renal Disease	357	2.6	143	2.2	214	2.9
9	Assault (Homicide)	261	1.9	235	3.6	26	0.4
10	Accidents Except Poisoning by Psychoactive Substance	209	1.5	152	2.3	57	0.8
	All Other Causes	2,910	21.0	1,320	20.4	1,590	21.5
	<b>Total</b>	<b>13,864</b>	<b>100.0</b>	<b>6,480</b>	<b>100.0</b>	<b>7,384</b>	<b>100.0</b>

\* Decedents of other or multiple races or with unknown ethnicities are not shown.

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**Table M9. Leading Causes of Premature Death (Age < 65 Years), Overall and by Sex, New York City, 2012**

Rank	Cause of Death	All		Male		Female	
		Deaths	Percent	Deaths	Percent	Deaths	Percent
1	Malignant Neoplasms	4,400	29.1	2,183	23.6	2,217	37.8
	Trachea, bronchus, and lung	833	5.5	473	5.1	360	6.1
	Breast	475	3.1	1	0.0	474	8.1
	Colon, rectum, and anus	413	2.7	231	2.5	182	3.1
	Liver and intrahepatic bile ducts	331	2.2	254	2.7	77	1.3
	Pancreas	284	1.9	155	1.7	129	2.2
2	Diseases of Heart	2,870	19.0	1,973	21.3	897	15.3
3	Use of or Poisoning by Psychoactive Substance	788	5.2	576	6.2	212	3.6
4	Accidents Except Poisoning by Psychoactive Substance	592	3.9	462	5.0	130	2.2
5	Human Immunodeficiency Virus (HIV) Disease	523	3.5	340	3.7	183	3.1
6	Diabetes Mellitus	496	3.3	318	3.4	178	3.0
7	Intentional Self-harm (Suicide)	471	3.1	334	3.6	137	2.3
8	Assault (Homicide)	420	2.8	361	3.9	59	1.0
9	Chronic Liver Disease and Cirrhosis	358	2.4	254	2.7	104	1.8
10	Cerebrovascular Diseases	350	2.3	209	2.3	141	2.4
	All Other Causes	3,849	25.5	2,237	24.2	1,612	27.5
	Total	15,117	100.0	9,247	100.0	5,870	100.0

Note: Ten leading causes of death are listed in descending order of frequency for all premature deaths.

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**Table M10. Leading Causes of Premature Death (Age < 65 Years) in Specified Ethnic Groups\* by Sex, New York City, 2012**

Rank	Puerto Rican	All		Male		Female	
		Deaths	Percent	Deaths	Percent	Deaths	Percent
1	Malignant Neoplasms	400	21.6	228	19.2	172	25.8
2	Diseases of Heart	320	17.3	218	18.4	102	15.3
3	Use of or Poisoning by Psychoactive Substance	151	8.2	115	9.7	36	5.4
4	Human Immunodeficiency Virus (HIV) Disease	102	5.5	66	5.6	36	5.4
5	Viral Hepatitis	90	4.9	69	5.8	21	3.2
6	Chronic Liver Disease and Cirrhosis	77	4.2	49	4.1	28	4.2
7	Diabetes Mellitus	76	4.1	49	4.1	27	4.1
8	Chronic Lower Respiratory Diseases	58	3.1	32	2.7	26	3.9
9	Accidents Except Poisoning by Psychoactive Substance	51	2.8	36	3.0	15	2.3
10	Assault (Homicide)	50	2.7	47	4.0	3	0.5
	All Other Causes	477	25.8	277	23.4	200	30.0
	Total	1,852	100.0	1,186	100.0	666	100.0
Rank	Other Hispanic	Deaths	Percent	Deaths	Percent	Deaths	Percent
1	Malignant Neoplasms	452	28.0	211	20.5	241	41.2
2	Diseases of Heart	235	14.6	161	15.6	74	12.6
3	Accidents Except Poisoning by Psychoactive Substance	129	8.0	112	10.9	17	2.9
4	Intentional Self-harm (Suicide)	69	4.3	53	5.1	16	2.7
5	Chronic Liver Disease and Cirrhosis	64	4.0	57	5.5	7	1.2
6	Use of or Poisoning by Psychoactive Substance	62	3.8	50	4.9	12	2.1
7	Assault (Homicide)	59	3.7	49	4.8	10	1.7
8	Cerebrovascular Diseases	56	3.5	40	3.9	16	2.7
9	Diabetes Mellitus	46	2.8	29	2.8	17	2.9
10	Congenital Malformations, Deformations	39	2.4	27	2.6	12	2.1
	All Other Causes	404	25.0	241	23.4	163	27.9
	Total	1,615	100.0	1,030	100.0	585	100.0
Rank	Asian and Pacific Islander	Deaths	Percent	Deaths	Percent	Deaths	Percent
1	Malignant Neoplasms	418	41.1	235	36.1	183	49.9
2	Diseases of Heart	172	16.9	132	20.3	40	10.9
3	Intentional Self-harm (Suicide)	59	5.8	33	5.1	26	7.1
4	Accidents Except Poisoning by Psychoactive Substance	48	4.7	33	5.1	15	4.1
5	Cerebrovascular Diseases	28	2.8	19	2.9	9	2.5
6	Diabetes Mellitus	26	2.6	21	3.2	5	1.4
7	Congenital Malformations, Deformations	25	2.5	14	2.2	11	3.0
8	Influenza and Pneumonia	19	1.9	12	1.8	7	1.9
9	Essential Hypertension and Renal Diseases	15	1.5	12	1.8	3	0.8
10	Viral Hepatitis	12	1.2	9	1.4	3	0.8
	All Other Causes	196	19.3	131	20.1	65	17.7
	Total	1,018	100.0	651	100.0	367	100.0
Rank	Non-Hispanic White	Deaths	Percent	Deaths	Percent	Deaths	Percent
1	Malignant Neoplasms	1,682	33.6	853	26.8	829	45.5
2	Diseases of Heart	988	19.7	741	23.3	247	13.6
3	Use of or Poisoning by Psychoactive Substance	360	7.2	271	8.5	89	4.9
4	Intentional Self-harm (Suicide)	226	4.5	162	5.1	64	3.5
5	Accidents Except Poisoning by Psychoactive Substance	195	3.9	151	4.7	44	2.4
6	Chronic Liver Disease and Cirrhosis	126	2.5	90	2.8	36	2.0
7	Diabetes Mellitus	114	2.3	79	2.5	35	1.9
8	Mental Disorders Due to Use of Alcohol	93	1.9	70	2.2	23	1.3
9	Chronic Lower Respiratory Diseases	85	1.7	45	1.4	40	2.2
10	Viral Hepatitis	82	1.6	60	1.9	22	1.2
	All Other Causes	1,056	21.1	663	20.8	393	21.6
	Total	5,007	100.0	3,185	100.0	1,822	100.0
Rank	Non-Hispanic Black	Deaths	Percent	Deaths	Percent	Deaths	Percent
1	Malignant Neoplasms	1,386	26.2	622	20.9	764	33.1
2	Diseases of Heart	1,097	20.8	683	22.9	414	17.9
3	Human Immunodeficiency Virus (HIV) Disease	305	5.8	184	6.2	121	5.2
4	Assault (Homicide)	255	4.8	231	7.8	24	1.0
5	Diabetes Mellitus	221	4.2	134	4.5	87	3.8
6	Use of or Poisoning by Psychoactive Substance	193	3.7	124	4.2	69	3.0
7	Accidents Except Poisoning by Psychoactive Substance	152	2.9	116	3.9	36	1.6
8	Cerebrovascular Diseases	144	2.7	74	2.5	70	3.0
9	Influenza and Pneumonia	117	2.2	61	2.0	56	2.4
10	Chronic Lower Respiratory Diseases	109	2.1	56	1.9	53	2.3
	All Other Causes	1,307	24.7	694	23.3	613	26.6
	Total	5,286	100.0	2,979	100.0	2,307	100.0

\* Decedents of other or multiple races or with unknown ethnicities are not shown.



**Table M11. Deaths and Death Rates per 100,000 Population from Selected Underlying Causes, Overall and by Ethnic Group\* and Sex, New York City, 2012**

Cause of Death	Ethnic Group*										Sex											
	Total			Hispanic			Non-Hispanic White			Non-Hispanic Black			Asian and Pacific Islander		Other or Unknown		Male		Female			
	No.	Crude Rate	Age-Adj. Rate	No.	Crude Rate	Age-Adj. Rate	No.	Crude Rate	Age-Adj. Rate	No.	Crude Rate	Age-Adj. Rate	No.	Crude Rate	Age-Adj. Rate	No.	Crude Rate	Age-Adj. Rate	No.	Crude Rate	Age-Adj. Rate	
All Causes†	52,455	6.3	6.0	9,420	3.9	5.1	24,904	9.0	6.3	13,864	7.3	7.2	3,446	3.1	3.7	821	25,667	6.5	7.3	26,788	6.1	5.0
Natural Causes	49,476	593.5	563.3	8,703	361.6	479.1	23,672	868.4	586.3	13,102	689.4	683.6	3,237	287.8	349.6	762	23,518	592.0	671.2	25,958	594.8	484.6
Human Immunodeficiency Virus (HIV) Disease	609	7.3	6.8	152	6.3	6.7	80	2.9	2.5	359	18.9	17.5	5	0.4	0.4	13	402	10.1	9.8	207	4.7	4.4
Malignant Neoplasms	13,405	160.8	155.2	2,251	93.5	119.4	6,441	233.6	175.3	3,475	182.9	178.6	1,086	96.6	108.3	152	6,583	165.7	185.0	6,822	156.3	135.7
Malignant neoplasm of stomach	475	5.7	5.5	103	4.3	5.4	160	5.8	4.2	113	5.9	5.9	93	8.3	9.3	6	259	6.5	7.2	216	4.9	4.2
Malignant neoplasms of colon, rectum, and anus	1,380	16.6	15.9	227	9.4	12.2	634	23.0	16.7	397	20.9	20.4	109	9.7	11.4	13	663	16.7	18.6	717	16.4	13.9
Malignant neoplasm of pancreas	1,020	12.2	11.8	157	6.5	8.5	510	18.5	13.7	263	13.8	13.4	81	7.2	8.5	9	490	12.3	13.8	530	12.1	10.5
Malignant neoplasms of trachea, bronchus, and lung (male)	1,385	39.9	44.6	210	18.0	27.9	790	59.0	30.0	385	45.0	52.4	179	33.1	39.6	21	1,385	39.9	44.6	—	—	—
Malignant neoplasms of trachea, bronchus, and lung (female)	1,302	29.8	26.1	163	13.2	14.7	688	48.5	33.7	347	33.2	29.0	91	15.6	17.0	13	—	—	—	1,302	29.8	26.1
Malignant neoplasm of breast (female)	1,122	25.7	22.3	175	14.1	15.2	520	36.7	25.4	369	35.3	30.7	47	8.0	7.6	11	—	—	—	1,122	25.7	22.3
Malignant neoplasm of cervix uteri	134	3.1	2.8	40	3.2	3.4	34	2.4	1.9	47	4.5	3.9	12	2.1	2.1	1	—	—	—	134	3.1	2.8
Malignant neoplasm of ovary	380	8.7	7.6	63	5.1	5.6	200	14.1	10.2	86	8.2	7.0	25	4.3	4.4	6	—	—	—	380	8.7	7.6
Malignant neoplasm of prostate	681	17.1	20.5	118	10.1	19.7	259	19.3	15.8	269	31.5	43.2	21	3.9	5.4	14	681	17.1	20.5	—	—	—
Leukemia	528	6.3	6.2	92	3.8	4.8	297	10.8	8.2	87	4.6	4.6	47	4.2	4.9	5	303	7.6	8.5	225	5.2	4.5
Diabetes Mellitus	1,813	21.7	20.8	394	16.4	21.7	532	19.3	13.7	717	37.7	37.6	133	11.8	14.4	37	883	22.2	24.7	930	21.3	17.8
Parkinson's Disease	242	2.9	2.8	39	1.6	2.3	154	5.6	3.6	25	1.3	1.4	20	1.8	2.4	4	128	3.2	3.9	114	2.6	2.1
Alzheimer's Disease	696	8.3	7.6	166	6.9	10.9	337	12.2	7.0	152	8.0	8.3	31	2.8	3.9	10	208	5.2	6.6	488	11.2	8.1
Diseases of Heart	16,732	200.7	188.2	2,514	104.5	145.1	8,875	321.8	206.0	4,209	221.5	221.7	872	77.5	98.2	262	7,955	200.3	231.8	8,777	201.1	155.6
Hypertensive heart disease	1,812	21.7	20.4	339	14.1	18.5	673	24.4	16.6	684	36.0	35.3	82	7.3	9.0	34	883	22.2	24.4	929	21.3	17.1
Chronic ischemic heart diseases	10,962	131.5	123.1	1,563	64.9	91.5	6,120	221.9	140.5	2,508	132.0	132.9	585	52.0	66.4	186	5,155	129.8	151.5	5,807	133.1	101.9
Acute myocardial infarction	2,246	26.9	25.4	357	14.8	20.8	1,198	43.4	28.2	557	29.3	29.5	110	9.8	12.2	24	1,082	27.2	31.5	1,164	26.7	20.7
Essential (Primary) Hypertension and Hypertensive Renal Disease	980	11.8	11.1	182	7.6	10.7	352	12.8	8.3	357	18.8	18.9	78	6.9	8.9	11	418	10.5	12.2	562	12.9	10.2
Cerebrovascular Diseases	1,647	19.8	18.7	298	12.4	16.6	701	25.4	16.6	442	23.3	23.0	172	15.3	19.7	34	671	16.9	19.2	976	22.4	17.8
Influenza and Pneumonia	2,245	26.9	25.2	414	17.2	24.2	1,117	40.5	25.2	537	28.3	28.6	151	13.4	17.7	26	1,079	27.2	32.4	1,166	26.7	20.7
Chronic Lower Respiratory Diseases	1,651	19.8	19.0	290	12.0	16.4	859	31.1	21.6	388	20.4	20.6	94	8.4	11.1	20	734	18.5	21.5	917	21.0	17.3
Asthma	166	2.0	1.9	48	2.0	2.3	30	1.1	0.9	76	4.0	3.9	11	1.0	1.3	1	85	2.1	2.2	81	1.9	1.7
Chronic Liver Disease and Cirrhosis	534	6.4	6.1	197	8.2	9.2	193	7.0	5.9	106	5.6	5.2	27	2.4	2.6	11	364	9.2	9.2	170	3.9	3.5
External Causes	2,979	35.7	34.6	717	29.8	31.1	1,232	44.7	39.2	762	40.1	39.9	209	18.6	19.6	59	2,149	54.1	54.1	830	19.0	17.5
Motor Vehicle Accidents	315	3.8	3.7	94	3.9	4.1	107	3.9	3.5	79	4.2	4.2	29	2.6	2.6	6	219	5.5	5.5	96	2.2	2.1
Falls	384	4.6	4.4	78	3.2	4.1	219	7.9	5.4	41	2.2	2.1	41	3.6	4.4	5	232	5.8	6.5	152	3.5	2.8
Intentional Self-harm (Suicide)	557	6.7	6.4	126	5.2	5.3	278	10.1	9.2	65	3.4	3.3	75	6.7	6.6	13	394	9.9	9.8	163	3.7	3.6
Assault (Homicide)	440	5.3	5.3	111	4.6	4.4	51	1.8	1.8	261	13.7	14.2	12	1.1	1.2	5	374	9.4	9.3	66	1.5	1.5
Events of Undetermined Intent	241	2.9	2.8	49	2.0	2.1	114	4.1	3.8	51	2.7	2.7	18	1.6	1.7	9	165	4.2	4.2	76	1.7	1.7
Mental and Behavioral Disorders Due to Use of or Accidental Poisoning by Psychoactive Substances, Excluding Alcohol	812	9.7	9.2	222	9.2	9.3	363	13.2	12.4	203	10.7	9.9	10	0.9	0.8	14	592	14.9	14.1	220	5.0	4.7
Accidents Except Drug Poisoning	1,034	12.4	12.0	251	10.4	11.6	463	16.8	13.3	209	11.0	10.9	90	8.0	8.8	21	701	17.6	18.5	333	7.6	6.7

\* See Technical Notes: Demographic Characteristics of Vital Events: Race, Ancestry, and Ethnic Group.  
† For All Causes, rates are per 1,000 population and all other selected causes rates are per 100,000 population. Population data are from 2011 US Census Bureau's estimates.  
‡ Rate are not statistically reliable.



**Table M12. Deaths and Death Rates\* per 100,000 Population from Selected Underlying Causes by Community District of Residence, New York City, 2012 (Continued)**

Community District of Residence	Population 2012 Estimates		All Causes (Rate per 1,000)		Age-Adjusted Rate	HIV Disease		Influenza and Pneumonia		Cardiovascular Diseases		Chronic Lower Respiratory Diseases		Chronic Liver Disease & Cirrhosis		Diabetes Mellitus		Aerial Disasters due to Substance Use & Accidental Poisoning		Accidents Except Intentional Self-harm (Suicide)		Assault (Homicide)		Events of Undetermined Intent				
	No.	Rate	No.	Rate		No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	
QUEENS	2,272,771	12,184	5.4	4.8	4,192	184.4	62	2.7	535	23.5	449	19.8	389	17.1	117	5.1	399	17.6	115	5.1	237	10.4	6.3	81	3.6	43	1.9	
Astoria, Long Island City (01)	200,105	923	4.6	4.8	329	164.4	4	2.0	45	22.5	33	16.5	30	15.0	6	3.0	25	12.5	6	3.0	16	8.0	8	4.0	5	2.5	4	2.0
Sunnyside, Woodside (02)	119,476	476	4.0	4.3	158	132.2	117	97.9	2	1.7	32	26.8	20	16.7	14	11.7	10	8.4	13	10.9	4	3.3	11	9.2	6	5.0	2	1.7
Jackson Heights (03)	175,827	708	4.0	4.4	215	122.3	188	106.9	5	2.8	33	18.8	28	15.9	18	10.2	13	7.4	16	9.1	8	4.5	21	11.9	10	5.7	5	2.8
Elmhurst, Corona (04)	181,047	648	3.6	4.3	173	95.6	178	98.3	3	1.7	43	23.8	21	11.6	14	7.7	12	6.6	18	9.9	4	2.2	8	4.4	11	6.1	10	5.5
Ridgewood, Glendale (05)	169,099	1,006	5.9	5.7	358	211.7	255	150.8	-	-	47	27.8	39	23.1	37	21.9	15	8.9	19	11.2	18	10.6	19	11.2	16	9.5	1	0.6
Rego Park, Forest Hills (06)	113,874	796	7.0	4.4	304	267.0	197	173.0	-	-	45	39.5	32	28.1	28	24.6	3	2.6	11	9.7	6	5.3	5	4.4	14	12.3	2	1.8
Flushing (07)	251,755	1,615	6.4	4.5	560	222.4	388	154.1	2	0.8	76	30.2	62	24.6	12	4.8	44	17.5	12	4.8	28	11.1	24	9.5	3	1.2	4	1.6
Fresh Meadows, Briarwood (08)	152,673	844	5.5	4.4	300	196.5	191	126.4	3	2.0	28	18.3	36	23.6	5	3.3	26	17.0	5	3.3	21	13.8	5	3.3	4	2.6	1	0.7
Woodhams (09)	145,038	636	4.4	5.0	231	159.3	145	100.0	5	3.4	20	13.8	22	15.2	9	6.2	10	6.9	29	20.0	10	6.9	18	12.4	11	7.6	3	2.1
Howard Beach (10)	123,290	644	5.2	5.0	216	175.2	144	116.8	3	2.4	26	21.1	30	24.3	23	18.7	6	4.9	34	27.6	7	5.7	20	16.2	8	6.5	4	3.2
Bayside (11)	117,228	626	5.3	3.5	221	186.5	183	156.1	1	0.9	20	17.1	20	17.1	18	15.4	4	3.4	7	6.0	4	3.4	11	9.4	9	7.7	-	-
Jamaica, St. Albans (12)	228,350	1,381	6.0	5.9	427	187.0	295	129.2	17	7.4	65	28.5	52	22.8	38	16.6	6	2.6	84	36.8	13	5.7	26	11.4	8	3.5	24	10.5
Queens Village (13)	190,123	891	4.7	3.8	304	159.9	240	126.2	9	4.7	22	11.6	29	15.3	22	11.6	7	3.7	37	19.5	6	3.2	13	6.8	6	3.2	9	4.7
The Rockaways (14)	115,231	989	8.6	7.8	396	343.7	201	174.4	6	5.2	33	28.6	25	21.7	46	39.9	8	6.9	36	31.2	11	9.5	20	17.4	7	6.1	9	7.8
STATEN ISLAND	470,728	3,319	7.1	6.3	1,256	266.8	779	165.5	19	4.0	128	27.2	91	19.3	145	30.8	32	6.8	98	20.8	79	16.8	101	21.5	33	7.0	13	2.8
Port Richmond (01)	177,275	1,213	6.8	7.0	464	261.7	261	147.2	14	7.9	36	20.3	41	23.1	62	35.0	11	6.2	44	24.8	28	15.8	36	20.3	9	5.1	10	5.6
Willowbrook, South Beach (02)	132,703	1,079	8.1	6.0	441	332.3	233	175.6	2	1.5	44	33.2	24	18.1	41	30.9	6	4.5	25	18.8	30	22.6	34	25.6	14	10.5	2	1.5
Tottenville (03)	160,000	1,026	6.4	5.8	351	219.4	285	178.1	3	1.9	48	30.0	26	16.3	42	26.3	15	9.4	29	18.1	21	13.1	31	19.4	9	5.6	1	0.6
NONRESIDENTS	-	3,896	-	-	899	-	1,487	-	32	-	89	-	112	-	50	-	88	-	67	-	107	-	51	-	39	-	20	-
RESIDENCE UNKNOWN	-	119	-	-	36	-	15	-	2	-	1	-	1	-	3	-	3	-	10	-	11	-	2	-	1	-	13	-

Note: Borough totals may be higher than the sum of the community districts, as they may include some deaths whose community district could not be determined.

\* Rates are calculated based on 2012 population estimates derived by Bureau of Epi Services. See Technical Notes: Population, Community District.

† See Technical Notes: Deaths, Homicide.

‡ The northernmost Manhattan neighborhood of Marble Hill is in the Bronx under the community district system. As a result, the numbers of deaths in Manhattan and Bronx are slightly different from Table M1.

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Table M13. Deaths and Crude Death Rates\* per 100,000

Cause (ICD-10 Codes) ##	ANNUAL											
	1901-1905	1906-1910	1911-1915	1916-1920	1921-1925	1926-1930	1931-1935	1936-1940	1941-1945	1946-1948	1949-1951	1952-1955
Infant Deaths (under 1 year) . . . . .	15,611	16,609	14,060	12,004	8,895	7,662	5,521	4,079	3,828	4,298	3,882	4,021
Rate per 1,000 live births. . . . .	120.8	115.2	100.0	88.2	68.9	61.0	52.0	39.8	30.3	26.8	24.5	24.6
Neonatal Deaths (under 28 days) . . . . .	§§	§§	5,143	4,894	4,309	3,892	3,152	2,631	2,764	3,298	2,989	3,032
Rate per 1,000 live births. . . . .	§§	§§	37.4	36.0	33.0	31.0	29.7	25.7	21.9	20.5	18.9	18.5
Early Neonatal Deaths (under 7 Days) . . . . .	§§	§§	§§	§§	§§	§§	§§	2,110	2,338	2,845	2,604	2,713
Rate per 1,000 live births. . . . .	§§	§§	§§	§§	§§	§§	§§	20.5	18.5	17.7	16.4	16.6
Fetal Deaths 28 Weeks Gestation and Older. . . . .	§§	§§	§§	§§	§§	§§	§§	2,589	2,709	2,902	2,441	2,310
Ratio per 1,000 live births. . . . .	§§	§§	§§	§§	§§	§§	§§	25.3	21.4	18.1	15.4	14.1
Perinatal mortality ratio† . . . . .	§§	§§	§§	§§	§§	§§	§§	44.7	39.1	35.1	31.3	30.2
Pregnancy, Childbirth, and the Puerperium (O00-O99) . . . . .	§§	§§	§§	§§	§§	§§	§§	§§	§§	§§	§§	§§
Rate per 100,000 live births. . . . .	694	745	694	664	689	651	608	372	255	178	115	102
Maternal Causes      (A34, O00-O95, O98-O99) . . . . .	538.0	517.4	493.7	487.9	528.1	518.4	572.6	363.2	201.6	110.8	72.6	62.3
Respiratory Tuberculosis (A16) . . . . .	8,154	8,832	8,745	7,915	4,937	4,574	4,068	3,680	3,281	2,932	2,173	1,178
Rate. . . . .	215.4	197.5	173.2	144.1	80.0	68.2	57.3	50.0	43.2	37.7	27.4	15.0
Other Forms of Tuberculosis (A17-A19) . . . . .	§§	§§	§§	§§	§§	§§	§§	§§	§§	225	174	97
Rate. . . . .	§§	§§	§§	§§	§§	§§	§§	§§	§§	2.9	2.2	1.2
HIV Disease (B20-B24) ‡ . . . . .	§§	§§	§§	§§	§§	§§	§§	§§	§§	§§	§§	§§
Rate. . . . .	§§	§§	§§	§§	§§	§§	§§	§§	§§	§§	§§	§§
Malignant Neoplasms (C00-C97) . . . . .	2,621	3,334	4,256	4,993	6,229	7,637	9,062	11,257	13,169	14,627	15,556	16,553
Rate. . . . .	69.2	74.5	84.3	90.9	100.9	113.9	127.6	152.9	173.3	188.2	196.0	210.6
Trachea, bronchus, and lung, male (C33-C34) . . . . .	§§	§§	§§	§§	§§	§§	§§	§§	§§	828	847	1,021
Rate. . . . .	§§	§§	§§	§§	§§	§§	§§	§§	§§	21.9	22.2	27.0
Trachea, bronchus, and lung, female (C33-C34) . . . . .	§§	§§	§§	§§	§§	§§	§§	§§	§§	220	179	228
Rate. . . . .	§§	§§	§§	§§	§§	§§	§§	§§	§§	5.5	4.4	5.6
Colon, rectum, and anus (C18-C21) . . . . .	§§	§§	§§	§§	§§	§§	§§	§§	§§	§§	§§	§§
Rate. . . . .	§§	§§	§§	§§	§§	§§	§§	§§	§§	1,429	1,476	1,517
Breast, female (C50) . . . . .	§§	§§	§§	§§	§§	§§	§§	§§	§§	35.9	36.4	37.3
Rate. . . . .	520	690	916	1,063	1,284	1,624	2,140	2,787	3,131	3,423	1,583	1,644
Diabetes Mellitus (E10-E14) . . . . .	13.7	15.4	18.1	19.4	20.8	24.2	30.1	37.9	41.2	44.0	19.9	20.9
Major Cardiovascular Diseases (I00-I78) . . . . .	5,954	9,148	12,699	14,792	18,114	21,815	23,706	25,711	30,886	32,539	36,206	37,724
Rate. . . . .	157.3	204.5	251.5	269.3	293.3	325.5	333.8	349.2	406.6	418.7	456.3	479.9
Cerebrovascular disease (I60-I69) . . . . .	2,593	1,790	970	834	719	723	1,333	3,846	3,611	3,710	5,099	5,688
Rate. . . . .	68.4	40.0	19.2	15.2	11.6	10.8	20.2	52.2	47.5	47.7	64.3	72.4
Influenza and Pneumonia (J09-J18) . . . . .	10,425	10,985	10,528	17,136	8,935	9,989	8,205	5,337	3,453	3,014	2,469	2,664
Rate. . . . .	275.4	245.6	208.5	312.0	144.7	149.0	115.5	72.5	45.5	38.8	31.2	33.9
Other Respiratory Diseases (J00-J06, J20-J99) . . . . .	3,224	2,307	1,458	1,407	689	622	594	536	492	424	450	461
Rate. . . . .	85.2	51.6	38.9	25.6	11.2	9.3	8.4	7.3	6.5	5.5	5.7	5.9
Chronic Liver Disease and Cirrhosis (K70, K73-K74) . . . . .	814	1,076	900	500	338	413	584	922	1,052	1,500	1,500	1,440
Rate. . . . .	21.5	24.1	17.8	9.1	5.5	6.2	8.2	12.5	13.8	17.5	19.2	18.3
Nephritis, Nephrosis, etc. (N00-N07, N17-N19, N25-N27) . . . . .	5,752	5,600	5,499	5,676	4,108	3,411	3,608	3,675	3,081	2,574	570	556
Rate. . . . .	151.9	125.2	108.9	103.4	50.9	50.8	50.9	40.6	40.6	33.1	7.2	7.1
Use of Psychoactive Substance (F11-F16, F18-F19) . . . . .	§§	§§	§§	§§	§§	§§	§§	§§	§§	§§	§§	81
Rate. . . . .	§§	§§	§§	§§	§§	§§	§§	§§	§§	§§	§§	1.0
Accidental Drug Poisoning (X40-X42, X44) . . . . .	§§	§§	§§	§§	§§	§§	§§	§§	§§	§§	§§	§§
Rate. . . . .	§§	§§	253	658	929	1,175	1,167	920	728	635	600	634
Motor Vehicle Accidents¶ . . . . .	§§	§§	5.0	12.0	15.0	17.5	16.4	12.5	9.6	8.2	7.6	8.1
Rate. . . . .	§§	§§	§§	§§	§§	§§	§§	1,546	1,823	1,941	1,699	1,568
Home Accidents . . . . .	§§	§§	§§	§§	§§	§§	§§	21.0	24.0	25.0	21.4	19.9
Rate. . . . .	3,521	3,549	3,516	3,426	3,138	3,574	3,205	3,107	3,091	3,255	2,707	2,450
Other Accidents (rest of V01-X59, Y85-Y86) . . . . .	93.0	79.3	69.3	62.4	50.8	53.3	45.1	42.2	40.7	41.9	34.3	31.2
Rate. . . . .	761	825	686	742	842	1,163	1,369	1,191	907	930	863	649
Intentional Self-harm (Suicide) (X60-X84, Y87.0) . . . . .	20.1	18.4	17.2	13.5	13.6	17.4	19.3	16.2	11.9	12.0	10.9	8.3
Assault (Homicide) (X85-Y09, Y87.1) . . . . .	143	247	293	271	334	405	522	351	265	362	318	340
Rate. . . . .	3.8	5.5	5.8	4.9	5.4	6.0	7.4	4.5	3.5	4.7	4.0	4.3
Events of Undetermined Intent (Y10-Y34, Y87.2, Y89.9) . . . . .	§§	§§	§§	§§	§§	§§	§§	§§	§§	§§	§§	§§
Rate. . . . .	§§	§§	§§	§§	§§	§§	§§	§§	§§	§§	§§	§§
Alzheimer's Disease (G30) . . . . .	§§	§§	§§	§§	§§	§§	§§	§§	§§	§§	§§	§§
Rate. . . . .	§§	§§	§§	§§	§§	§§	§§	§§	§§	§§	§§	§§
Asthma (J45-J46) . . . . .	§§	§§	§§	§§	§§	§§	§§	§§	§§	§§	§§	§§
Rate. . . . .	§§	§§	§§	§§	§§	§§	§§	§§	§§	§§	§§	§§

\*Populations for calculating rates vary by year. See Technical Notes: Population, Citywide.

†Perinatal mortality ratio: see section titled "Rates and Ratios Defined" for definition.

‡AIDS was first reported as a cause of death in 1982. See the Technical Notes and Historical Technical Notes: Deaths, HIV and AIDS Mortality.

§Data for 1982-1985.

||Rate less than 0.05.

¶Motor vehicle accident codes are listed in Table M1.

\*\*World Trade Center (WTC) disaster deaths are not included in 2001. See Special Section on WTC deaths in the 2002 Summary of Vital Statistics for detailed statistics.

††Beginning January 2007, causes of death coding was changed. See Technical Notes: Deaths, Cause of Death Coding.

‡‡Codes following causes in parenthesis are the International Classification of Diseases, Tenth Revision.

§§Data are not available or not applicable.

||||See Technical Notes: Maternal Death and Maternal Mortality.

# MORTALITY

## Population for Selected Causes, New York City, 1901-2012

AVERAGE																	
1956-1960	1961-1965	1966-1970	1971-1975	1976-1980	1981-1985	1986-1990	1991-1995	1996-2000	2001-2005**	2006	2007††	2008	2009	2010	2011	2012	
4,290	4,333	3,477	2,312	1,875	1,624	1,691	1,339	881	760	740	697	698	668	609	577	583	
25.7	26.2	23.6	19.9	17.4	14.4	12.8	10.0	7.1	6.1	5.9	5.4	5.5	5.3	4.9	4.7	4.7	
3,220	3,226	2,602	1,714	1,333	1,097	1,159	912	609	512	484	430	466	444	403	378	383	
19.3	19.5	17.7	14.8	12.3	9.7	8.8	6.8	4.9	4.1	3.9	3.3	3.6	3.5	3.2	3.1	3.1	
2,909	2,922	2,351	1,480	1,131	927	972	753	478	394	362	311	345	343	316	293	301	
17.4	17.7	16.0	12.8	10.5	8.2	7.4	5.6	3.8	3.2	2.9	2.4	2.7	2.7	2.5	2.4	2.4	
2,362	2,276	1,885	1,288	835	719	698	686	518	431	379	387	395	407	373	368	379	
14.1	13.8	12.8	11.1	7.7	6.4	5.3	5.1	4.2	3.5	3.0	3.0	3.1	3.2	3.0	3.0	3.1	
31.1	31.0	28.4	23.6	18.1	14.5	12.6	10.6	8.0	6.7	5.9	5.4	5.8	5.9	5.5	5.4	5.5	
\$\$	\$\$	\$\$	\$\$	\$\$	\$\$	\$\$	\$\$	30	32	34	39	42	42	36	37	29	
								24.1	25.7	27.1	30.2	32.9	33.1	28.8	30.1	23.5	
107	109	73	36	28	33	29	26	22	29	29	32	39	31	30	30	23	
64.1	66.0	49.6	31.1	25.9	29.2	22.3	19.2	17.5	23.1	23.1	24.8	30.5	24.5	24.0	24.4	18.7	
824	624	432	235	141	125	174	135	39	25	15	14	13	18	19	27	13	
10.6	8.0	5.5	3.1	2.0	1.7	2.4	1.8	0.5	0.3	0.2	0.2	0.2	0.2	0.2	0.3	0.2	
52	43	39	32	22	35	55	34	14	5	3	2	5	7	7	5	3	
0.7	0.6	0.5	0.4	0.3	0.5	0.8	0.5	0.2	0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.0	
\$\$	\$\$	\$\$	\$\$	\$\$	768\$	3,703	6,257	2,716	1,603	1,209	1,115	1,073	933	832	766	609	
					10.7	50.9	83.2	36.4	19.9	15.0	13.8	13.2	11.4	10.1	9.3	7.3	
16,869	17,398	17,814	17,315	16,549	15,889	15,612	15,191	14,335	13,717	13,116	13,251	13,047	13,180	13,333	13,443	13,405	
216.1	222.1	226.3	226.3	228.7	222.3	214.7	201.9	192.2	169.9	163.3	164.4	160.6	160.9	161.6	162.6	160.8	
1,157	1,294	1,890	2,434	2,387	2,217	2,201	2,083	1,849	1,713	1,580	1,597	1,593	1,500	1,553	1,538	1,585	
30.9	34.8	51.0	68.1	71.0	66.7	64.4	60.6	52.7	44.8	41.5	41.8	41.3	38.6	39.6	39.1	39.9	
261	303	474	777	970	1,169	1,315	1,426	1,416	1,388	1,308	1,378	1,315	1,304	1,393	1,340	1,302	
6.4	7.4	11.4	19.1	25.0	30.6	33.9	36.7	35.9	32.7	31.0	32.5	30.8	30.3	32.2	30.9	29.8	
\$\$	\$\$	\$\$	\$\$	\$\$	\$\$	\$\$	1,805	1,685	1,546	1,473	1,376	1,419	1,408	1,393	1,374	1,380	
							24.0	22.6	19.2	18.3	17.1	17.5	17.2	16.9	16.6	16.6	
1,573	1,694	1,787	1,723	1,622	1,533	1,537	1,510	1,354	1,266	1,184	1,109	1,095	1,099	1,068	1,090	1,122	
38.7	41.3	42.9	42.3	41.9	40.1	39.6	38.9	34.3	29.8	28.0	26.2	25.7	25.5	24.7	25.1	25.7	
1,581	1,789	1,867	2,064	1,547	1,436	1,198	1,348	1,659	1,770	1,708	1,560	1,643	1,690	1,711	1,770	1,813	
20.3	22.9	23.7	27.0	21.4	20.1	16.5	17.9	22.2	21.9	21.3	19.4	20.2	20.6	20.7	21.4	21.7	
38,988	39,943	41,981	40,639	37,978	37,818	33,527	32,074	29,330	26,663	24,760	24,016	22,950	21,043	20,044	19,808		
499.5	510.2	532.4	531.1	524.8	529.1	461.0	426.4	393.2	330.3	308.2	301.5	295.7	280.1	255.0	242.4	237.6	
6,013	6,174	6,277	5,433	4,174	3,194	2,927	2,256	2,058	1,807	1,669	1,563	1,512	1,448	1,583	1,750	1,647	
77.0	78.9	79.7	71.0	57.7	44.7	40.2	30.0	27.6	22.4	20.8	19.4	18.6	17.7	19.2	21.2	19.8	
3,459	3,394	3,562	3,164	3,000	2,740	3,354	2,810	2,548	2,726	2,578	2,247	2,300	2,278	2,457	2,492	2,245	
44.3	43.4	45.2	41.4	41.5	38.3	46.1	37.4	34.2	33.8	32.1	27.9	28.3	27.8	29.8	30.1	26.9	
651	960	1,425	1,627	1,583	1,941	2,507	1,943	2,025	2,037	1,722	1,778	1,943	1,945	2,158	2,278	2,209	
8.3	12.3	18.1	21.3	21.9	27.2	34.5	25.8	27.1	25.2	21.4	22.1	23.9	23.7	26.1	27.5	26.5	
1,858	2,386	2,936	2,440	2,185	1,789	1,289	946	697	521	454	453	542	494	521	550	534	
23.8	30.5	37.3	31.9	30.2	25.0	17.7	12.6	9.3	6.5	5.7	5.6	6.7	6.0	6.3	6.7	6.4	
573	509	447	372	381	383	816	311	564	654	468	435	385	371	487	453	461	
7.3	6.5	5.7	4.9	5.3	5.4	11.2	4.1	7.6	8.1	5.8	5.4	4.7	4.5	5.9	5.5	5.5	
96	263	551	677	414	573	787	947	875	866	903	149††	129	136	144	158	152	
1.2	3.4	7.0	8.8	5.7	8.0	10.8	12.6	11.7	10.7	11.2	1.8	1.6	1.7	1.7	1.9	1.8	
\$\$	\$\$	\$\$	\$\$	\$\$	1	143	49	26	41	76	700††	607	562	521	600	660	
						2.0	0.7	0.3	0.5	0.9	8.5	7.5	6.9	6.3	7.3	7.9	
655	714	887	834	606	477	624	554	419	386	385	300	320	291	279	283	315	
8.4	9.1	11.3	10.9	8.4	6.7	8.6	7.4	5.6	4.8	4.8	3.7	3.9	3.6	3.4	3.4	3.8	
1,095	951	871	755	525	486	589	508	\$\$	\$\$	\$\$	\$\$	\$\$	\$\$	\$\$	\$\$	\$\$	
14.0	12.1	11.1	9.9	7.3	6.8	8.1	6.8										
2,091	1,947	1,730	1,239	926	812	880	394	493	792	734	735	724	712	654	735	719	
26.8	24.9	22.0	16.2	12.8	11.4	12.1	5.2	6.6	9.8	9.1	9.1	8.9	8.7	7.9	8.9	8.6	
711	908	680	641	711	603	600	599	514	483	459	477	473	475	503	509	557	
9.1	11.6	8.6	8.4	9.8	8.4	8.3	8.0	6.9	6.0	5.7	5.9	5.8	5.8	6.1	6.2	6.7	
366	592	992	1,663	1,700	1,763	1,902	1,815	778	624	624	517	558	496	551	528	440	
4.7	7.6	12.6	21.7	23.5	24.7	26.2	24.1	10.4	7.7	7.8	6.4	6.9	6.1	6.7	6.4	5.3	
\$\$	\$\$	946	1,062	699	696	504	161	151	232	263	185	192	201	217	247	241	
		10.9	13.9	9.7	9.7	6.9	2.0	2.0	2.9	3.3	2.3	2.4	2.5	2.6	3.0	2.9	
\$\$	\$\$	\$\$	\$\$	\$\$	\$\$	\$\$	84	115	232	246	283	374	520	577	626	696	
							1.2	1.5	2.9	3.1	3.5	4.6	6.3	7.0	7.6	8.3	
\$\$	\$\$	\$\$	\$\$	\$\$	\$\$	\$\$	269	243	196	149	135	149	152	185	171	166	
							3.7	3.3	2.4	1.9	1.7	1.8	1.9	2.2	2.1	2.0	

# MORTALITY

**Table M14. Alcohol-attributable Deaths Due to Excessive Alcohol Use, Age ≥ 20 Years, New York City, 2012\***

Total for All Causes	Total	Male	Female
	1,801	1,304	496
Chronic Causes			
Acute pancreatitis	11	7	4
Alcohol abuse	59	51	8
Alcohol cardiomyopathy	10	9	1
Alcohol dependence syndrome	169	134	35
Alcohol polyneuropathy	1	1	0
Alcohol-induced chronic pancreatitis	1	1	0
Alcoholic liver disease	360	261	99
Alcoholic psychosis	3	2	1
Breast cancer (females only)	13	0	13
Cholelithiasis	0	0	0
Chronic pancreatitis	5	3	3
Epilepsy	6	3	3
Esophageal cancer	7	6	2
Gastroesophageal hemorrhage	< 1	< 1	0
Hypertension	85	43	43
Ischemic heart disease	25	14	11
Laryngeal cancer	6	5	1
Liver cancer	40	29	11
Liver cirrhosis, unspecified	96	57	40
Low birth weight, prematurity, IUGR*	5	3	2
Oropharyngeal cancer	8	6	2
Portal hypertension	< 1	< 1	0
Prostate cancer (males only)	5	5	0
Psoriasis	< 1	< 1	0
Stroke, hemorrhagic	32	26	6
Stroke, ischemic	8	5	3
Supraventricular cardiac dysrhythmia	2	1	1
Subtotal	959	670	289
Acute Causes			
Alcohol poisoning	73	58	15
Aspiration	2	1	1
Child maltreatment	4	3	1
Drowning	4	3	1
Fall injuries	122	74	49
Fire injuries	18	9	9
Firearm injuries	< 1	< 1	0
Homicide	194	167	27
Hypothermia	2	2	0
Motor-vehicle nontraffic crashes	1	1	< 1
Motor-vehicle traffic crashes	95	77	19
Occupational and machine injuries	1	1	0
Other road vehicle crashes	5	5	< 1
Poisoning (not alcohol)	193	144	49
Suicide	127	90	37
Subtotal	842	634	207

Note: Alcohol prevalence data are provided by the Bureau of Epidemiology Services. See Technical Notes: Deaths, Smoking- and Alcohol-attributable Mortality.

\* IUGR = Intrauterine growth restriction.

Total may not equal sum of males and females due to rounding.

**Table M15. Deaths and Age-adjusted Death Rates for Selected Smoking-related Causes of Death per 100,000 Population (35 years and over)  
New York City, 2012**

Causes of Death	All		Hispanic		Asian & P.I.		Non-Hispanic White		Non-Hispanic Black		Male		Female	
	Deaths	Rate	Deaths	Rate	Deaths	Rate	Deaths	Rate	Deaths	Rate	Deaths	Rate	Deaths	Rate
Major Cardiovascular Diseases	19,676	440.2	3,036	355.0	1,135	258.2	10,111	457.0	5,082	536.7	9,181	536.4	10,495	368.9
Cerebrovascular Diseases	1,624	36.7	288	33.1	172	39.7	696	32.2	434	45.5	657	37.9	967	35.0
Malignant Neoplasms of Trachea, Bronchus and Lung	2,880	65.8	372	39.6	268	54.8	1,477	77.7	729	73.5	1,579	87.7	1,301	50.7
Chronic Lower Respiratory Diseases	1,618	37.1	285	33.1	93	22.4	856	41.6	364	38.3	714	42.5	904	33.5
Malignant Neoplasm of Esophagus	225	5.0	43	4.6	17	3.0	109	5.7	55	5.3	160	8.6	65	2.4
Malignant Neoplasms of Lip, Oral Cavity and Pharynx	206	4.6	40	4.0	31	5.2	84	4.6	47	4.7	138	7.2	68	2.7
Malignant Neoplasm of Larynx	95	2.1	26	2.6	5	1.1	35	1.8	29	2.9	75	4.0	20	0.8

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**Table M16. Deaths From HIV Disease, Overall and by Sex, Age, and Ethnic Group**

AGE GROUP/ETHNIC GROUP	ALL											1983-2002	2003	2004	
	1983-2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012				
ALL AGES	Total	69,907	1,656	1,451	1,419	1,209	1,115	1,073	933	832	766	609	53,896	1,100	943
	Puerto Rican	13,006	323	300	289	220	224	217	187	196	186	115	9,597	213	204
	Other Hispanic	6,215	167	113	129	111	103	118	105	72	46	37	5,117	113	79
	Asian & Pacific Islander	456	8	6	7	10	5	10	3	6	4	5	404	8	5
	Non-Hispanic White	18,049	245	192	196	178	143	129	90	100	94	80	15,792	181	146
	Non-Hispanic Black	28,525	846	793	769	660	625	583	537	449	421	359	20,041	536	481
	Other or Unknown	3,656	67	47	29	30	15	16	11	9	15	13	2,945	49	28
UNDER 1	Total	313	1	-	-	-	-	-	-	-	-	1	158	-	-
	Puerto Rican	42	-	-	-	-	-	-	-	-	-	-	24	-	-
	Other Hispanic	30	-	-	-	-	-	-	-	-	-	-	16	-	-
	Asian & Pacific Islander	1	-	-	-	-	-	-	-	-	-	-	1	-	-
	Non-Hispanic White	48	-	-	-	-	-	-	-	-	-	-	31	-	-
	Non-Hispanic Black	173	1	-	-	-	-	-	-	-	-	1	78	-	-
	Other or Unknown	19	-	-	-	-	-	-	-	-	-	-	8	-	-
1-14	Total	942	9	6	4	1	2	-	1	-	-	1	481	3	4
	Puerto Rican	167	-	1	2	-	-	-	-	-	-	-	88	-	-
	Other Hispanic	99	1	1	1	1	1	-	-	-	-	-	54	-	-
	Asian & Pacific Islander	6	-	-	-	-	-	-	-	-	-	-	3	-	-
	Non-Hispanic White	153	1	-	-	-	1	-	-	-	-	-	82	1	-
	Non-Hispanic Black	471	7	4	1	-	-	-	1	-	-	1	235	2	4
	Other or Unknown	46	-	-	-	-	-	-	-	-	-	-	19	-	-
15-24	Total	1,043	18	15	22	22	19	17	14	8	16	11	626	7	8
	Puerto Rican	232	1	2	4	1	7	3	2	1	4	2	133	1	1
	Other Hispanic	120	4	-	2	5	4	-	3	-	-	2	85	2	-
	Asian & Pacific Islander	6	1	-	-	-	-	-	-	1	-	-	4	1	-
	Non-Hispanic White	155	-	1	1	1	-	1	3	-	-	-	104	-	1
	Non-Hispanic Black	466	12	11	15	13	8	13	6	6	12	7	263	3	5
	Other or Unknown	64	-	1	-	2	-	-	-	-	-	-	37	-	1
25-34	Total	16,741	123	90	92	63	52	77	49	37	40	34	12,105	76	45
	Puerto Rican	3,487	20	12	12	4	8	8	7	11	2	3	2,441	12	5
	Other Hispanic	1,767	15	8	12	6	4	11	3	8	8	6	1,408	12	6
	Asian & Pacific Islander	91	-	1	-	-	1	-	1	-	2	1	77	-	1
	Non-Hispanic White	4,025	10	12	7	9	3	6	5	1	3	1	3,355	8	9
	Non-Hispanic Black	6,481	75	56	59	44	35	52	33	17	25	23	4,154	43	23
	Other or Unknown	890	3	1	2	-	1	-	-	-	-	-	670	1	1
35-44	Total	29,846	568	467	407	343	311	246	190	142	125	90	23,180	330	280
	Puerto Rican	5,418	114	101	71	65	64	57	45	34	28	17	4,070	65	65
	Other Hispanic	2,482	60	33	48	41	27	37	28	19	8	4	2,064	32	23
	Asian & Pacific Islander	183	3	2	3	4	2	3	1	-	1	2	171	3	1
	Non-Hispanic White	8,061	85	71	45	45	46	34	18	16	12	15	7,070	55	53
	Non-Hispanic Black	12,166	281	250	224	182	168	113	98	71	76	49	8,566	156	134
	Other or Unknown	1,536	25	10	16	6	4	2	-	2	-	3	1,239	19	4
45-54	Total	15,042	640	594	586	502	448	425	352	330	287	217	12,333	451	395
	Puerto Rican	2,717	127	127	140	99	84	89	65	85	75	46	2,106	91	91
	Other Hispanic	1,169	58	45	49	40	43	46	46	29	15	14	1,017	45	31
	Asian & Pacific Islander	110	4	2	3	3	-	5	-	3	-	-	102	4	2
	Non-Hispanic White	3,995	103	73	93	76	61	45	35	37	41	28	3,667	77	53
	Non-Hispanic Black	6,249	322	322	294	272	256	231	200	173	150	123	4,733	216	203
	Other or Unknown	802	26	25	7	12	4	9	6	3	6	6	708	18	15
≥ 55	Total	5,980	296	279	308	278	283	308	327	315	298	255	5,013	232	211
	Puerto Rican	943	61	57	60	51	61	60	68	65	77	47	735	44	42
	Other Hispanic	548	29	26	17	18	24	24	25	16	15	11	473	22	19
	Asian & Pacific Islander	59	-	1	1	3	2	2	1	2	1	2	46	-	1
	Non-Hispanic White	1,612	46	35	50	47	32	43	29	46	38	36	1,483	40	30
	Non-Hispanic Black	2,519	148	150	176	149	158	174	199	182	158	155	2,012	116	112
	Other or Unknown	299	12	10	4	10	6	5	5	4	9	4	264	10	7

Note: See Technical Notes: Deaths, HIV and AIDS Mortality.

\* Beginning in 2003, multiple races are included in the "Other or Unknown" category in this table. See Technical Notes: Demographic Characteristics of Vital Events: Race, Ancestry, and Ethnic Group.



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## New York City, 1983-2012

MALE								FEMALE										
2005	2006	2007	2008	2009	2010	2011	2012	1983-2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
949	818	711	702	603	574	528	402	16,011	556	508	470	391	404	371	330	258	238	207
206	163	142	138	125	135	123	75	3,409	110	96	83	57	82	79	62	61	63	40
100	78	76	84	71	54	39	28	1,098	54	34	29	33	27	34	34	18	7	9
6	8	3	7	2	3	2	4	52	-	1	1	2	2	3	1	3	2	1
143	139	103	104	68	76	75	63	2,257	64	46	53	39	40	25	22	24	19	17
475	407	377	356	329	297	277	223	8,484	310	312	294	253	248	227	208	152	144	136
19	23	10	13	8	9	12	9	711	18	19	10	7	5	3	-	3	4	4
-	-	-	-	-	-	-	-	155	1	-	-	-	-	-	-	-	-	1
-	-	-	-	-	-	-	-	18	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	14	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	0	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	17	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	95	1	-	-	-	-	-	-	-	-	1
-	-	-	-	-	-	-	-	11	-	-	-	-	-	-	-	-	-	-
2	-	1	-	1	-	-	1	461	6	2	2	1	1	-	-	-	-	-
1	-	-	-	-	-	-	-	79	-	1	1	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	45	1	1	1	1	1	-	-	-	-	-
-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-
-	-	1	-	-	-	-	-	71	-	-	-	-	-	-	-	-	-	-
1	-	-	-	1	-	-	1	236	5	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	27	-	-	-	-	-	-	-	-	-	-
14	12	9	7	5	4	13	5	417	11	7	8	10	10	10	9	4	3	6
4	1	3	-	-	-	2	-	99	-	1	-	-	4	3	2	1	2	2
2	3	4	-	-	-	-	1	35	2	-	-	2	-	-	3	-	-	1
-	-	-	-	-	1	-	-	2	-	-	-	-	-	-	-	-	-	-
1	-	-	1	2	-	-	-	51	-	-	-	1	-	-	1	-	-	-
7	7	2	6	3	3	11	4	203	9	6	8	6	6	7	3	3	1	3
-	1	-	-	-	-	-	-	27	-	-	-	1	-	-	-	-	-	-
59	41	32	48	32	27	29	24	4,636	47	45	33	22	20	29	17	10	11	10
6	2	3	5	6	7	2	2	1,046	8	7	6	2	5	3	1	4	-	1
9	4	4	10	2	6	7	5	359	3	2	3	2	-	1	1	2	1	1
-	-	-	-	-	-	1	1	14	-	-	-	-	1	-	1	-	1	-
5	6	2	4	5	1	2	1	670	2	3	2	3	1	2	-	-	1	-
38	29	22	29	19	13	17	15	2,327	32	33	21	15	13	23	14	4	8	8
1	-	1	-	-	-	-	-	220	2	-	1	-	-	-	-	-	-	-
241	211	177	144	111	94	77	54	6,666	238	187	166	132	134	102	79	48	48	36
46	47	41	30	26	20	17	10	1,348	49	36	25	18	23	27	19	14	11	7
32	28	17	23	16	14	8	1	418	28	10	16	13	10	14	12	5	-	3
3	3	1	3	1	-	-	1	12	-	1	-	1	1	-	-	-	1	1
31	28	32	22	12	11	10	13	991	30	18	14	17	14	12	6	5	2	2
120	100	83	65	56	47	42	28	3,600	125	116	104	82	85	48	42	24	34	21
9	5	3	1	-	2	-	1	297	6	6	7	1	1	1	-	-	-	2
400	342	289	275	225	219	183	136	2,709	189	199	186	160	159	150	127	111	104	81
101	74	58	56	51	62	43	29	611	36	36	39	25	26	33	14	23	32	17
43	29	32	33	35	20	12	12	152	13	14	6	11	11	13	11	9	3	2
2	2	-	3	-	1	-	-	8	-	-	1	1	-	2	-	2	-	-
69	65	40	37	25	28	30	22	328	26	20	24	11	21	8	10	9	11	6
180	164	156	139	111	105	95	69	1,516	106	119	114	108	100	92	89	68	55	54
5	8	3	7	3	3	3	4	94	8	10	2	4	1	2	3	-	3	2
233	212	203	228	229	230	226	182	967	64	68	75	66	80	80	98	85	72	73
48	39	37	47	42	46	59	34	208	17	15	12	12	24	13	26	19	18	13
14	14	19	18	18	14	12	9	75	7	7	3	4	5	6	7	2	3	2
1	3	2	1	1	1	1	2	13	-	-	-	-	-	1	-	1	-	-
37	40	28	40	24	36	33	27	129	6	5	13	7	4	3	5	10	5	9
129	107	114	117	139	129	112	106	507	32	38	47	42	44	57	60	53	46	49
4	9	3	5	5	4	9	4	35	2	3	-	1	3	-	-	-	-	-

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Table M17. Selected Characteristics of Deaths Due to Fatal Occupational Injuries, New York City, 2012

Table pending confirmation with the U.S. Bureau of Labor Statistics

Table M18. Deaths Due to Accidents, Overall and by Age and Sex, New York City, 2012

Type	All Ages	0-4		5-9		10-14		15-19		20-24		25-34		35-44		45-54		55-64		65-74		≥75	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Total	1,694	17	10	4	3	8	3	22	3	83	24	197	41	187	48	250	96	179	65	82	44	164	164
Motor Vehicle Except Injury to Pedestrian, Pedal Cyclist, and Motorcyclist	86	-	2	1	3	1	-	-	2	12	3	13	5	4	3	6	5	6	1	3	2	8	6
Injury to Pedestrians	181	3	-	1	-	2	2	4	1	13	6	20	5	15	5	17	6	14	10	16	10	17	14
Collision with motor vehicle	162	3	-	1	-	2	2	3	1	10	6	16	5	13	3	11	6	14	10	15	10	17	14
Collision with railway transportation	18	-	-	-	-	-	-	-	-	3	-	4	-	2	2	6	-	-	-	1	-	-	-
Other collision	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Injury to Pedal Cyclist	23	-	-	-	-	1	-	3	-	2	1	3	-	4	-	3	-	3	-	2	-	1	-
Collision with motor vehicle	14	-	-	-	-	1	-	3	-	2	1	1	-	2	-	2	-	1	-	-	-	1	-
Other collision	9	-	-	-	-	-	-	-	-	-	-	2	-	2	-	1	-	2	-	2	-	-	-
Injury to Motorcyclist	39	-	-	-	-	-	-	2	-	6	-	10	1	11	-	7	-	1	-	-	-	-	1
Water Transport Accidents	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Air and Space Transport Accidents	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Transport Accidents	15	-	-	-	-	-	-	-	-	1	-	3	-	1	-	5	-	2	-	-	-	1	2
Sequelae (Late Effects) of Transport Accidents	12	-	-	-	-	-	-	-	-	-	-	3	-	2	-	1	1	1	1	1	2	-	-
Fall	384	2	-	-	-	-	-	1	-	10	-	8	2	15	1	25	6	35	10	26	12	110	121
Firearm Discharge	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Drowning and Submersion	17	1	1	1	-	2	-	1	-	-	-	3	-	1	-	2	-	-	-	1	1	2	1
Smoke, Fire, and Flames	44	-	-	1	-	1	-	2	-	2	1	2	-	3	1	1	2	3	3	2	7	6	7
Victim of Cataclysmic Storm	44	2	-	-	-	1	-	-	-	2	2	2	-	-	-	3	1	8	2	7	3	7	4
Poisoning by Noxious Substances	739	-	-	-	-	-	-	7	-	31	8	122	27	125	38	164	71	95	32	10	4	2	3
Poisoning by psychoactive substances*	660	-	-	-	-	-	-	7	-	31	7	113	25	106	35	151	68	77	28	5	3	2	2
Poisoning by other noxious substances	79	-	-	-	-	-	-	-	-	1	9	2	19	3	13	3	18	4	5	1	-	1	-
Exposure to Excessive Natural Heat	5	-	-	-	-	-	-	1	-	-	-	1	-	-	-	1	-	1	1	-	-	-	-
Exposure to Excessive Natural Cold	4	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	-	1	-	-	-	-
Suffocation	42	8	6	-	-	-	-	-	-	3	1	1	2	-	4	2	3	2	1	2	3	4	4
Contact with Machinery	3	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-	-	-	1	-
Other Nontransport Accidents	40	1	1	-	-	1	-	-	-	2	-	4	-	3	-	10	1	2	1	8	-	5	1
Sequelae (Late Effects) of Nontransport Accidents	15	-	-	-	-	-	-	-	-	2	-	1	-	1	-	1	4	-	4	1	1	1	-

\*See Technical Notes: Deaths, Drug-Related Deaths.

**Table M19. Deaths Due to Intentional Self-harm (Suicide), Overall and by Age and Sex, New York City, 2012**

Method	All Ages	0-4		5-9		10-14		15-19		20-24		25-34		35-44		45-54		55-64		65-74		≥ 75	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Total	557	-	-	-	-	2	4	13	10	33	10	66	28	64	19	88	37	68	29	29	12	31	14
Poisoning by Drug and Medicinal Substances	83	-	-	-	-	-	-	-	-	1	1	2	9	14	3	11	14	11	6	2	2	3	4
Poisoning by Other Substances	11	-	-	-	-	-	-	-	-	1	1	2	-	1	-	1	1	2	1	1	-	-	-
Hanging, Strangulation, and Suffocation	186	-	-	-	-	2	3	4	4	12	4	28	8	20	5	29	10	24	11	7	2	9	4
Drowning and Submersion	26	-	-	-	-	-	1	2	2	4	1	2	1	-	-	6	2	4	1	2	-	-	-
Firearm Discharge	62	-	-	-	-	-	-	2	2	3	-	10	1	7	2	16	-	6	-	8	-	7	-
Sharp Object	20	-	-	-	-	-	-	-	-	-	-	2	-	1	-	7	1	3	2	2	2	1	1
Jumping From High Place	137	-	-	-	-	-	-	3	2	7	3	15	7	19	8	14	8	16	7	7	6	10	5
Jumping or Lying Before Moving Object	25	-	-	-	-	-	-	1	3	4	-	5	2	1	3	1	1	1	-	2	-	1	-
Other and Unspecified Means	6	-	-	-	-	-	-	1	1	1	-	-	-	1	-	1	-	1	1	-	-	-	-
Sequelae (Late Effects)	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**Table M20. Deaths Due to Assault (Homicide) and Legal Intervention, Overall and by Age and Sex, New York City, 2012**

Method	All Ages	0-4		5-9		10-14		15-19		20-24		25-34		35-44		45-54		55-64		65-74		≥ 75	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Total	454	11	7	4	1	3	1	43	3	96	6	123	13	46	13	29	7	19	9	7	3	6	4
Poisoning by Noxious Substances	4	1	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Hanging, Strangulation, and Suffocation	12	1	1	1	-	-	-	1	1	1	1	-	2	1	-	-	1	1	1	-	-	1	-
Drowning and Submersion	5	2	1	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Firearm Discharge	243	1	-	1	-	3	1	26	-	72	2	80	4	30	5	9	1	3	1	1	2	1	-
Smoke, Fire, and Flames	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-
Sharp Object	88	1	-	-	1	-	-	9	2	17	-	21	6	7	5	6	3	5	3	1	1	-	1
Blunt Object	2	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pushing From High Place	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bodily Force	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Neglect, Abandonment, and Other Maltreatment	7	2	2	-	-	-	-	2	-	2	2	17	3	5	2	8	1	7	3	5	-	3	2
Other and Unspecified Means	67	3	3	-	-	-	-	1	-	1	1	3	2	2	2	2	2	1	1	1	1	1	-
Sequelae (Late Effects)	10	-	-	-	-	-	-	1	-	1	-	-	-	2	-	2	-	1	1	1	-	-	-
Legal Intervention, All*	14	-	-	-	-	-	-	3	1	3	-	-	-	-	3	-	-	1	-	-	-	-	-

\* All legal intervention deaths are from firearm discharge. See Technical Notes: Deaths, Homicide.

**Table M21. Deaths Due to Events of Undetermined Intent, Overall and by Age and Sex, New York City, 2012**

Method	All Ages		0-4		5-9		10-14		15-19		20-24		25-34		35-44		45-54		55-64		65-74		≥ 75		Unknown	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Total	241	19	18	-	-	-	-	-	-	2	1	11	2	27	8	23	9	29	9	24	13	7	13	8	-	-
Poisoning by Noxious Substances	24	-	1	-	-	-	-	-	-	-	1	2	2	2	2	5	1	2	4	4	1	1	-	-	-	-
Hanging, Strangulation, and Suffocation	2	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Drowning and Submersion	13	-	-	-	-	-	-	-	-	-	1	3	3	1	3	-	1	1	2	-	1	-	1	-	-	-
Firearm Discharge	2	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Smoke, Fire, and Flames	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Falling From High Place	8	-	-	-	-	-	-	-	-	-	-	-	2	-	1	-	3	-	2	-	-	-	-	-	-	-
Other and Unspecified Means	188	18	17	-	-	-	-	-	1	1	9	-	18	5	14	8	22	7	16	12	15	6	11	7	-	1
Sequelae (Late Effects)	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-

**Table M22. Deaths Due to Complications of Medical and Surgical Care, Overall and by Age and Sex, New York City, 2012**

Method	All Ages		0-4		5-9		10-14		15-19		20-24		25-34		35-44		45-54		55-64		65-74		≥ 75	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Total	33	1	-	-	-	-	-	-	-	-	-	-	-	-	1	3	-	1	2	3	2	5	4	1
Adverse Effects From Drugs, Medicaments, Biological Substances for Therapeutic Use	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	1	-	1	1	1
Medical Misadventures to Patients During Surgical and Medical Care	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	1	-	-	-	1
Other and Unspecified Means	22	1	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	1	-	1	2	3	3	9
Sequelae (Late Effects)	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-

**Table M23. Deaths Due to Firearms (All Causes), Overall and by Age and Sex, New York City, 2012**

Method	All Ages		0-4		5-9		10-14		15-19		20-24		25-34		35-44		45-54		55-64		65-74		≥ 75	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Firearms (All Causes)	322	1	-	-	1	32	3	95	5	37	7	28	1	10	1	9	2	8	-	-	-	-	-	-

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**Table M24. Life Expectancy at Specified Ages, Overall and by Sex and Racial/Ethnic Group, New York City, 1999-2001 and 2009-2011\***

Exact Age in Years	All							
	1999-2001†				2009-2011			
	Total	Hispanic	Non-Hispanic White	Non-Hispanic Black	Total	Hispanic	Non-Hispanic White	Non-Hispanic Black
0	77.6	79.7	77.7	73.2	80.8	81.9	81.2	76.9
1	77.1	79.0	77.3	73.0	80.2	81.2	80.5	76.6
5	73.2	75.0	73.4	59.0	76.2	77.3	76.5	72.7
10	65.2	70.0	68.5	64.2	71.3	72.3	71.5	67.8
15	63.3	65.1	63.6	59.3	66.3	67.4	66.6	62.8
20	58.4	60.2	58.7	54.5	61.5	62.5	61.7	58.0
25	53.6	55.4	53.9	49.9	56.6	57.6	56.8	53.3
30	48.8	50.5	49.0	45.2	51.8	52.8	51.9	48.6
35	44.1	45.8	44.3	40.7	47.0	48.0	47.0	43.9
40	39.5	41.2	39.6	36.3	42.2	43.2	42.2	39.3
45	35.0	36.7	35.1	32.1	37.6	38.6	37.5	34.9
50	30.7	32.4	30.7	28.2	33.1	34.1	33.0	30.7
55	26.6	28.2	26.5	24.4	28.8	29.8	28.7	26.6
60	22.6	24.1	22.4	20.8	24.7	25.6	24.5	22.9
65	18.8	20.2	18.6	17.5	20.7	21.6	20.5	19.3
70	15.3	16.7	15.1	14.5	17.0	17.8	16.7	16.0
75	12.1	13.3	11.8	11.3	13.4	14.3	13.1	12.9
80	9.2	10.4	8.9	9.3	10.3	11.0	10.0	10.1
85	6.7	7.7	6.4	7.1	7.5	8.1	7.1	7.6
Exact Age in Years	Male							
	1999-2001†				2009-2011			
	Total	Hispanic	Non-Hispanic White	Non-Hispanic Black	Total	Hispanic	Non-Hispanic White	Non-Hispanic Black
0	74.5	76.1	74.9	69.1	78.1	78.6	78.8	73.3
1	74.0	75.4	74.5	69.0	77.5	77.9	78.1	73.0
5	70.1	71.4	70.6	65.1	73.5	74.0	74.1	69.1
10	65.2	66.5	65.7	60.2	68.6	69.0	69.2	64.2
15	60.2	61.5	60.8	55.3	63.6	64.1	64.2	59.2
20	55.4	56.6	55.9	50.6	58.8	59.2	59.4	54.5
25	50.7	51.9	51.2	46.1	54.0	54.4	54.6	49.9
30	46.0	47.1	46.4	41.6	49.2	49.6	49.7	45.4
35	41.3	42.5	41.7	37.2	44.5	44.9	44.9	40.8
40	36.8	37.9	37.1	32.9	39.8	40.2	40.1	36.3
45	32.4	33.6	32.7	28.8	35.2	35.7	35.4	32.0
50	28.3	29.5	28.5	25.2	30.8	31.3	31.0	27.9
55	24.4	25.6	24.4	21.8	26.7	27.2	26.8	24.0
60	20.6	21.8	20.5	18.4	22.7	23.2	22.8	20.5
65	17.0	18.2	16.9	15.3	19.0	19.5	19.0	17.2
70	13.8	14.9	13.6	12.6	15.5	16.1	15.3	14.2
75	10.8	12.0	10.6	10.2	12.2	13.0	12.0	11.4
80	8.2	9.4	7.9	8.2	9.3	10.1	9.0	9.0
85	6.1	7.3	5.7	6.6	6.8	7.5	6.5	6.9
Exact Age in Years	Female							
	1999-2001†				2009-2011			
	Total	Hispanic	Non-Hispanic White	Non-Hispanic Black	Total	Hispanic	Non-Hispanic White	Non-Hispanic Black
0	80.2	82.6	80.4	76.5	83.2	84.7	83.4	79.8
1	79.7	81.9	79.9	76.2	82.5	84.0	82.6	79.4
5	75.8	77.9	76.0	72.3	78.6	80.0	78.7	75.5
10	70.8	72.9	71.1	67.4	73.6	75.0	73.7	70.6
15	65.9	68.0	66.1	62.4	68.7	70.1	68.7	65.6
20	61.0	63.0	61.2	57.5	63.7	65.1	63.8	60.7
25	56.1	58.1	56.4	52.7	58.8	60.2	58.9	55.8
30	51.2	53.2	51.4	47.9	53.9	55.3	53.9	51.0
35	46.4	48.4	46.6	43.3	49.0	50.4	49.0	46.2
40	41.7	43.7	41.8	38.8	44.2	45.6	44.1	41.5
45	37.1	39.1	37.2	34.4	39.5	40.8	39.4	37.0
50	32.6	34.5	32.6	30.3	34.9	36.2	34.8	32.7
55	28.3	30.0	28.2	26.3	30.5	31.7	30.3	28.5
60	24.1	25.7	23.9	22.4	26.1	27.3	25.9	24.5
65	20.1	21.5	19.9	18.8	21.9	23.0	21.6	20.7
70	16.4	17.7	16.1	15.5	18.0	18.9	17.7	17.1
75	12.9	14.1	12.6	12.5	14.2	15.1	13.9	13.7
80	9.7	10.8	9.4	9.8	10.8	11.5	10.5	10.6
85	7.0	7.9	6.7	7.3	7.8	8.4	7.5	7.8

Note: Three-year average death data are used to estimate above decennial life expectancy to smooth the outcome. See Technical Notes: Life Expectancy.

\* US Census population data for 2000 and 2010 are used to calculate 1999-2001 and 2009-2011 life expectancy, respectively. See Technical Notes: Population.

† World Trade Center (WTC) disaster deaths are excluded. See Special Section in 2002 Summary of Vital Statistics, Table WTC10, for the impact of WTC deaths on life expectancy in New York City.

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Table M25. Life Expectancy at Specified Ages, Overall and by Sex, New York City, 2002-2011\*

Age in years	Total									
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
0	78.2	78.5	79.0	79.2	79.7	80.1	80.2	80.6	80.9	80.8
1	77.7	77.9	78.5	78.7	79.1	79.6	79.6	80.0	80.3	80.2
5	73.7	74.0	74.5	74.7	75.2	75.6	75.7	76.1	76.3	76.3
10	68.8	69.1	69.6	69.8	70.3	70.7	70.7	71.1	71.4	71.3
15	63.8	64.1	64.7	64.8	65.3	65.7	65.8	66.2	66.4	66.3
20	59.0	59.3	59.8	60.0	60.4	60.8	60.9	61.3	61.6	61.5
25	54.1	54.4	55.0	55.2	55.6	56.0	56.1	56.4	56.7	56.6
30	49.3	49.6	50.1	50.3	50.8	51.2	51.3	51.6	51.9	51.8
35	44.6	44.9	45.3	45.5	46.0	46.3	46.5	46.8	47.1	47.0
40	40.0	40.2	40.6	40.8	41.3	41.6	41.7	42.0	42.3	42.2
45	35.5	35.7	36.1	36.3	36.7	37.0	37.1	37.4	37.6	37.6
50	31.2	31.4	31.8	31.9	32.3	32.6	32.7	33.0	33.1	33.1
55	27.0	27.2	27.6	27.7	28.1	28.4	28.4	28.7	28.8	28.7
60	23.0	23.2	23.6	23.7	24.1	24.3	24.3	24.6	24.7	24.6
65	19.2	19.3	19.6	19.8	20.1	20.4	20.4	20.6	20.8	20.7
70	15.6	15.7	16.0	16.1	16.4	16.6	16.7	16.9	17.0	16.9
75	12.3	12.4	12.5	12.6	12.9	13.1	13.2	13.4	13.5	13.4
80	9.4	9.5	9.6	9.6	9.8	10.0	10.0	10.2	10.3	10.2
85	6.9	7.0	7.1	7.1	7.2	7.4	7.3	7.5	7.5	7.4
Age in years	Male									
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
0	75.2	75.5	76.3	76.4	76.8	77.3	77.5	77.8	78.1	78.1
1	74.7	75.1	75.8	75.9	76.3	76.8	76.9	77.3	77.5	77.5
5	70.8	71.1	71.8	72.0	72.4	72.9	73.0	73.3	73.6	73.5
10	65.8	66.2	66.9	67.0	67.5	67.9	68.0	68.4	68.6	68.6
15	60.9	61.2	62.0	62.1	62.5	62.9	63.1	63.4	63.6	63.6
20	56.1	56.4	57.1	57.3	57.7	58.1	58.2	58.6	58.8	58.8
25	51.3	51.7	52.4	52.6	52.9	53.4	53.5	53.8	54.1	54.0
30	46.6	47.0	47.6	47.8	48.2	48.6	48.7	49.1	49.3	49.3
35	41.9	42.3	42.9	43.0	43.4	43.8	44.0	44.3	44.5	44.5
40	37.4	37.7	38.2	38.4	38.8	39.1	39.3	39.6	39.8	39.8
45	33.0	33.3	33.8	33.9	34.3	34.7	34.8	35.0	35.2	35.2
50	28.8	29.1	29.6	29.7	30.0	30.4	30.5	30.7	30.8	30.8
55	24.8	25.1	25.6	25.7	26.0	26.3	26.4	26.6	26.7	26.6
60	21.0	21.3	21.8	21.9	22.2	22.4	22.5	22.6	22.7	22.7
65	17.4	17.7	18.0	18.1	18.4	18.7	18.7	18.9	19.0	19.0
70	14.1	14.2	14.6	14.7	14.9	15.1	15.3	15.4	15.5	15.5
75	11.1	11.2	11.3	11.5	11.6	11.8	12.1	12.2	12.2	12.2
80	8.5	8.6	8.7	8.8	8.9	9.0	9.1	9.3	9.3	9.3
85	6.3	6.5	6.6	6.5	6.5	6.7	6.7	6.8	6.8	6.7
Age in years	Female									
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
0	80.8	81.0	81.3	81.6	82.1	82.5	82.6	83.0	83.3	83.2
1	80.2	80.4	80.8	81.0	81.5	81.9	82.0	82.3	82.7	82.5
5	76.3	76.5	76.8	77.1	77.6	78.0	78.0	78.4	78.7	78.6
10	71.3	71.6	71.9	72.1	72.6	73.0	73.1	73.4	73.8	73.6
15	66.4	66.6	67.0	67.2	67.7	68.1	68.1	68.5	68.8	68.7
20	61.5	61.7	62.0	62.3	62.8	63.1	63.2	63.5	63.9	63.7
25	56.6	56.8	57.1	57.4	57.8	58.2	58.3	58.6	58.9	58.8
30	51.7	51.9	52.2	52.5	52.9	53.3	53.4	53.7	54.0	53.9
35	46.8	47.0	47.4	47.6	48.1	48.4	48.5	48.8	49.1	49.0
40	42.1	42.3	42.6	42.8	43.3	43.6	43.7	44.0	44.3	44.2
45	37.6	37.7	38.0	38.2	38.7	38.9	39.0	39.3	39.6	39.5
50	33.1	33.3	33.5	33.7	34.2	34.4	34.5	34.8	35.0	34.9
55	28.7	28.9	29.1	29.3	29.7	30.0	30.0	30.4	30.5	30.4
60	24.5	24.6	24.9	25.1	25.5	25.7	25.7	26.0	26.2	26.1
65	20.4	20.6	20.8	20.9	21.3	21.6	21.6	21.9	22.0	21.9
70	16.6	16.7	16.9	17.0	17.4	17.6	17.6	17.9	18.1	17.9
75	13.0	13.2	13.3	13.3	13.7	13.9	13.9	14.2	14.4	14.2
80	9.8	10.0	10.1	10.1	10.4	10.6	10.6	10.8	10.9	10.7
85	7.1	7.3	7.4	7.4	7.6	7.7	7.6	7.8	7.8	7.7

Note: Life expectancy for year 2012 is not presented since national data are required and are not yet available. Life expectancy for year 2011 is preliminary.

\* Population data from 2002-2009 are interpolated based on 2000 and 2010 Census counts. Population data for 2011 Life expectancy are from 2010 US Census since the life tables are derived from complete life table which require single year of age population data. See Technical Notes: Population.

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**Table M26. Years of Potential Life Lost (YPLL) Before Age 75 Overall and by Sex and Selected Causes of Death, New York City, 2012**

Cause of Death	All		Male		Female	
	YPLL	%	YPLL	%	YPLL	%
Total	443,253	100.0	271,010	100.0	172,243	100.0
Malignant Neoplasms	111,078	25.1	54,663	20.2	56,415	32.8
Trachea, bronchus, and lung	20,034	4.5	11,430	4.2	8,604	5.0
Breast	12,149	2.7	22	0.0	12,127	7.0
Colon, rectum, and anus	10,508	2.4	5,787	2.1	4,721	2.7
Liver & intrahepatic bile ducts	7,383	1.7	5,556	2.1	1,827	1.1
Pancreas	6,719	1.5	3,673	1.4	3,046	1.8
Heart Disease	71,720	16.2	48,791	18.0	22,929	13.3
Use of or Poisoning by Psychoactive Substance	24,734	5.6	18,416	6.8	6,318	3.7
Accidents Except Poisoning by Psychoactive Substance	21,914	4.9	17,010	6.3	4,904	2.8
Motor vehicle	9,446	2.1	6,997	2.6	2,449	1.4
Assault (Homicide)	19,230	4.3	16,790	6.2	2,440	1.4
Intentional Self-harm (Suicide)	16,035	3.6	11,308	4.2	4,727	2.7
HIV Disease	14,028	3.2	8,916	3.3	5,112	3.0
Diabetes Mellitus	12,409	2.8	7,897	2.9	4,512	2.6
Cerebrovascular Diseases	9,435	2.1	5,539	2.0	3,896	2.3
Chronic Liver Disease and Cirrhosis	8,527	1.9	6,072	2.2	2,455	1.4
Chronic Lower Respiratory Diseases	8,359	1.9	4,533	1.7	3,826	2.2
Influenza and Pneumonia	7,895	1.8	4,635	1.7	3,260	1.9
Viral Hepatitis	5,658	1.3	3,913	1.4	1,745	1.0
Mental and Behavioral Disorders Due to Use of Alcohol	4,867	1.1	3,839	1.4	1,028	0.6
All Other Causes	107,364	24.2	58,688	21.7	48,676	28.3

See Technical Notes: Deaths, Years of Potential Life Lost for detailed calculation.

**Table M27. Death rates by Poverty Level Indicator, New York City, 2003, 2012**

Age-adjusted Death Rates	Low (< 10%)			Medium (10 to <20%)			High (20 to <30%)			Very High (≥ 30%)		
	2012	2003	Chg 2003 to 2012 (%)	2012	2003	Chg 2003 to 2012 (%)	2012	2003	Chg 2003 to 2012 (%)	2012	2003	Chg 2003 to 2012 (%)
All Causes	476.0	604.2	-21.2%	520.8	643.9	-19.1%	582.3	718.0	-18.9%	701.7	880.4	-20.3%
Premature Deaths	125.9	157.2	-19.9%	156.9	182.8	-14.2%	186.5	236.1	-21.0%	254.3	353.0	-28.0%
<b>10 Leading Causes</b>												
Diseases of Heart	157.6	263.6	-40.2%	173.0	288.8	-40.1%	191.5	303.6	-36.9%	206.8	317.1	-34.8%
Malignant Neoplasms	129.1	152.4	-15.3%	131.0	148.0	-11.5%	137.9	151.5	-9.0%	163.4	173.6	-5.9%
Influenza and Pneumonia	19.6	29.0	-32.4%	21.9	29.3	-25.3%	27.8	33.6	-17.3%	33.3	43.3	-23.1%
Diabetes Mellitus	12.4	14.9	-16.8%	17.5	18.2	-3.8%	23.5	25.6	-8.2%	33.9	41.8	-18.9%
Chronic Lower Respiratory Diseases	15.7	18.4	-14.7%	17.1	17.2	-0.6%	18.6	21.0	-11.4%	24.0	27.2	-11.8%
Cerebrovascular Diseases	13.8	17.9	-22.9%	17.8	20.9	-14.8%	19.5	23.2	-15.9%	21.0	29.4	-28.6%
Accidents Except Poisoning by Psychoactive Substances	10.1	10.8	-6.5%	10.4	12.1	-14.0%	11.4	13.0	-12.3%	10.5	14.1	-25.5%
Essential Hypertension and Hypertensive Renal Diseases	8.2	6.0	36.7%	9.4	7.3	28.8%	11.8	9.7	21.6%	14.9	14.4	3.5%
Use of or Poisoning by Psychoactive Substance	6.7	5.6	19.6%	6.4	6.8	-5.9%	8.1	8.9	-9.0%	14.2	21.5	-34.0%
Alzheimers	6.3	3.5	80.0%	6.0	2.6	130.8%	7.1	2.4	195.8%	12.3	3.8	223.7%

Note: The 2003 poverty level is based on 2000 Census and the 2012 poverty level is based on 2007-2011 US Census Bureau American Community Survey.

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## M28. Top 10 Leading Causes of Death, New York City, 2012, 2011, and 2003

Cause	2012		2011			2003		
	Rank	Crude Death Rate	Rank	Crude Death Rate	Change to 2012 (%)	Rank	Crude Death Rate	Change to 2012 (%)
Diseases of Heart*	1	200.7	1	204.4	-1.8%	1	295.1	-32.0%
Malignant Neoplasms	2	160.8	2	162.6	-1.1%	2	170.9	-5.9%
Influenza and Pneumonia	3	26.9	3	30.1	-10.6%	3	33.3	-19.2%
Diabetes Mellitus	4	21.7	5	21.4	1.4%	4	23.4	-7.3%
Chronic Lower Respiratory Diseases	5	19.8	4	21.5	-7.9%	6	20.7	-4.3%
Cerebrovascular Diseases	6	19.8	6	21.2	-6.6%	5	22.9	-13.5%
Accidents Except Poisoning by Psychoactive Substances†	7	12.4	7	12.3	0.8%	8	14.2	-12.7%
Essential Hypertension and Hypertensive Renal Diseases	8	11.8	8	11.7	0.9%	10	8.8	34.1%
Use of or Poisoning by Psychoactive Substances†	9	9.7	10	9.2	5.4%	9	11.9	-18.5%
Alzheimer's Disease	10	8.3	11	7.6	9.2%	20	3.1	167.7%

\*2010 Summary of Vital Statistics: Mortality – Special Section: Cause of Death Quality Improvement Initiative for information on the recent trends in cause of death reporting, particularly heart disease.

†Technical Note, Summary of Vital Statistics, Appendix B: Drug-Related Deaths for definition.



# INFANT MORTALITY

Table IM1. Infant Deaths by Cause, Sex, and Age, New York City, 2012

Cause of Death		Total	Male		Female	
			Neonatal (< 28 Days)	Post-neonatal (≥ 28 Days)	Neonatal (< 28 Days)	Post-neonatal (≥ 28 Days)
	<b>Total</b>	<b>583</b>	<b>214</b>	<b>103</b>	<b>169</b>	<b>97</b>
1	HIV Infection (B20-B24)†	1	-	-	-	1
2	Diseases of the Circulatory System (I00-I99)†	11	-	7	-	4
3	Influenza and Pneumonia (J10-J18)†	3	-	2	-	1
4	Newborn Affected by Maternal Complications of Pregnancy (P01)†	4	3	-	1	-
5	Newborn Affected by Complications of Placenta, Cord, and Membranes (P02)†	22	12	1	9	-
6	Short Gestation and Low Birthweight (P07)†	119	58	5	50	6
7	Intrauterine Hypoxia and Birth Asphyxia (P20-P21)†	5	3	-	1	1
8	Respiratory Distress of Newborn (P22)†	15	12	-	3	-
9	Pulmonary Hemorrhage Originating in the Perinatal Period (P26)†	8	4	-	4	-
10	Atelectasis (P28.0-P28.1)†	3	2	-	1	-
11	Other Respiratory Conditions Originating in the Perinatal Period (P23-P28)‡	10	2	2	2	4
12	Cardiovascular Disorders Originating in the Perinatal Period (P29)‡	75	40	1	34	-
13	Infections Specific to the Perinatal Period (P35-P39)‡	13	7	-	6	-
	Bacterial sepsis of newborn (P36)	10	6	-	4	-
14	Neonatal Hemorrhage (P50-P52, P54)†	9	7	-	2	-
15	Necrotizing Enterocolitis of Newborn (P77)†	9	5	-	3	1
16	Remainder of Conditions Originating in the Perinatal Period (Rest of P00-P99)	22	10	3	7	2
17	Congenital Malformations, Deformations (Q00-Q99)†	125	38	22	37	28
	Congenital malformations of heart (Q20-Q24)	40	7	10	10	13
18	Sudden Infant Death Syndrome (R95)†	4	-	1	-	3
19	All Other Diseases (Rest of A00-R99)	70	9	31	7	23
20	External Causes (V01-Y89)‡	55	2	28	2	23

† Eligible to be ranked as leading causes nationally and in New York City.

‡ Contains causes not eligible to be ranked as a leading cause nationally but frequent in New York City. Including these groups permits recognition of important causes of infant death.

**Table IM2. Live Births and Infant Deaths by Mother's Racial/Ethnic Group and Characteristics of Infant, New York City, 2012**

Characteristics	Infant Deaths																			
	Live Births				Total				Early-neonatal				Neonatal				Post-neonatal			
	Total	Hispanic	Non-H White	Non-H Black & P.I.	Total	Hispanic	Non-H White	Non-H Black	Asian & P.I.	Total	Hispanic	Non-H White	Non-H Black	Asian & P.I.	Total	Hispanic	Non-H White	Non-H Black	Asian & P.I.	
<b>Total Sex of Child</b>	123,231	36,642	39,112	24,758	21,149	583	190	104	301	383	55	105	33	45	200	58	37	76	25	
Male	63,231	18,750	20,052	12,587	11,035	317	102	57	171	214	32	59	20	28	103	31	18	40	13	
Female	60,000	17,892	19,060	12,171	10,114	266	88	47	230	169	47	46	13	17	97	27	19	36	12	
<b>Birthweight at Delivery (Grams)</b>	10,336	2,899	2,680	2,963	1,645	399	122	82	257	305	46	93	33	41	94	26	18	42	7	
Low birthweight (<2,500)	1,871	573	406	674	187	324	100	53	131	36	228	72	43	33	59	19	7	29	3	
Very low birthweight (<1,500)	105,202	31,221	33,452	20,530	18,659	136	53	25	41	14	35	7	7	3	79	25	13	28	11	
2,500-4,000	7,690	2,522	2,980	1,264	845	8	4	1	4	6	3	3	3	2	2	1	1	2	2	
Above 4,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Not stated	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Unmatched†	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Gestational Age (Weeks)</b>	11,141	3,441	2,916	3,076	1,559	387	120	64	255	301	46	91	32	39	86	24	14	42	5	
Preterm (<37)	1,986	621	396	718	216	330	97	56	231	271	46	84	28	34	59	17	7	30	4	
Very preterm (<32)	112,033	33,187	36,172	21,676	19,581	154	57	29	40	66	7	12	1	5	88	27	17	28	14	
Full-term	57	14	24	6	9	2	2	2	1	1	1	1	1	1	1	1	1	1	1	
Not stated	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Unmatched†	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Plurality</b>	118,549	35,656	36,975	23,861	20,536	461	157	70	179	50	241	91	34	31	158	46	28	63	19	
Singletons	4,681	986	2,137	897	613	82	22	23	55	12	19	13	10	13	17	6	3	7	0	
Multiples	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Unmatched†	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Plurality unknown	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

**Table IM3. Infant Mortality Rate by Mother's Racial/Ethnic Group and Characteristics of Infant, New York City, 2012**

Characteristics	Total																	
	Early-neonatal				Neonatal				Post-neonatal									
	Total	Hispanic	Non-H White	Non-H Black	Asian & P.I.	Total	Hispanic	Non-H White	Non-H Black	Asian & P.I.	Total	Hispanic	Non-H White	Non-H Black	Asian & P.I.			
<b>Total Sex of Child</b>	4.7	5.2	2.7	8.5	3.3	2.4	1.4	4.2	1.6	3.6	1.7	5.5	2.1	1.6	1.6	0.9	3.1	1.2
Male	5.0	5.4	2.8	9.1	3.7	2.7	1.6	4.7	1.8	3.8	1.9	5.9	2.5	1.6	1.7	0.9	3.2	1.2
Female	4.4	4.9	2.5	8.0	2.9	2.2	1.2	3.8	1.3	2.8	1.5	5.0	1.7	1.6	1.5	1.0	3.0	1.2
<b>Birthweight at Delivery (Grams)</b>	38.6	42.1	25.4	53.0	29.2	24.9	17.2	31.4	20.1	29.5	18.7	38.8	24.9	9.1	9.0	6.7	14.2	4.3
Low birthweight (<2,500)	173.2	174.5	130.5	194.4	192.5	121.9	125.7	105.9	121.7	141.6	113.3	151.3	176.5	31.5	33.2	17.2	43.0	16.0
Very low birthweight (<1,500)	1.3	1.7	0.7	2.0	0.8	0.3	0.2	0.3	0.4	0.5	0.4	0.6	0.2	0.8	0.8	0.4	1.4	0.6
2,500-4,000	1.0	1.6	-	2.4	1.2	0.5	-	2.4	-	0.8	1.2	-	2.4	-	0.4	-	-	-
Above 4,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Gestational Age (Weeks)</b>	34.7	34.9	21.9	50.1	28.2	22.9	15.8	29.6	20.5	27.0	17.1	36.4	25.0	7.7	7.0	4.8	13.7	3.2
Preterm (<37)	166.2	156.2	141.4	188.0	175.9	116.3	112.7	116.2	117.0	129.6	123.7	146.2	157.4	29.7	27.4	17.7	41.8	18.5
Very preterm (<32)	1.4	1.7	0.8	2.2	1.0	0.4	0.6	0.2	0.6	0.9	0.3	0.9	0.3	0.8	0.8	0.5	1.3	0.7
Full-term	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unmatched†	3.9	4.4	1.9	7.5	2.4	2.0	2.6	0.9	3.8	1.1	2.6	3.1	1.5	1.3	1.3	0.8	2.6	0.9
Singletons	17.5	22.3	10.8	24.5	21.2	11.7	12.2	8.9	14.5	16.3	13.9	16.7	21.2	3.6	6.1	1.4	7.8	0.0
Multiples	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Note: Categories for gestational age in Table 2 and Table 3 differ from those in Figure 4. Different categories are used in Table 2 and Table 3 due to the small number of events.

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**Table IM4. Live Births and Infant Mortality, Overall and by Mother's Racial/Ethnic Group, New York City, 2008–2012**

Mother's Ethnic Group	2008	2009	2010	2011	2012
<b>Live Births, Total</b>	<b>127,680</b>	<b>126,774</b>	<b>124,791</b>	<b>123,029</b>	<b>123,231</b>
Puerto Rican	10,351	9,958	9,581	8,988	8,673
Other Hispanic	30,029	30,328	29,764	28,643	27,969
Asian and Pacific Islander	18,204	17,729	18,047	19,399	21,149
Non-Hispanic White	38,383	38,438	37,780	38,573	39,112
Non-Hispanic Black	27,917	27,405	26,635	25,825	24,758
Other or Unknown	2,796	2,916	2,984	1,601	1,570
<b>Infant Deaths (&lt; 1 year), Total</b>	<b>698</b>	<b>668</b>	<b>609</b>	<b>577</b>	<b>583</b>
Puerto Rican	68	63	61	61	57
Other Hispanic	143	147	129	124	133
Asian and Pacific Islander	59	50	62	57	70
Non-Hispanic White	125	131	104	118	104
Non-Hispanic Black	284	259	230	210	211
Other or Unknown	19	18	23	7	8
<b>Infant Mortality Rate, Total</b>	<b>5.5</b>	<b>5.3</b>	<b>4.9</b>	<b>4.7</b>	<b>4.7</b>
Puerto Rican	6.6	6.3	6.4	6.8	6.6
Other Hispanic	4.8	4.8	4.3	4.3	4.8
Asian and Pacific Islander	3.2	2.8	3.4	2.9	3.3
Non-Hispanic White	3.3	3.4	2.8	3.1	2.7
Non-Hispanic Black	10.2	9.5	8.6	8.1	8.5
<b>Neonatal Deaths (&lt; 28 days), Total</b>	<b>466</b>	<b>444</b>	<b>403</b>	<b>378</b>	<b>383</b>
Puerto Rican	43	44	43	42	42
Other Hispanic	99	97	81	79	90
Asian and Pacific Islander	44	36	41	34	45
Non-Hispanic White	82	97	75	82	67
Non-Hispanic Black	182	158	148	136	135
<b>Neonatal Mortality Rate, Total</b>	<b>3.6</b>	<b>3.5</b>	<b>3.2</b>	<b>3.1</b>	<b>3.1</b>
Puerto Rican	4.2	4.4	4.5	4.7	4.8
Other Hispanic	3.3	3.2	2.7	2.8	3.2
Asian and Pacific Islander	2.4	2.0	2.3	1.8	2.1
Non-Hispanic White	2.1	2.5	2.0	2.1	1.7
Non-Hispanic Black	6.5	5.8	5.6	5.3	5.5

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Table IM5. Infant Mortality Rate by Mother's Birthplace, New York City, 2006–2012

Birthplace	2006-2008	2007-2009	2008-2010	2009-2011	2010-2012
<b>Total, New York City</b>	<b>5.6</b>	<b>5.4</b>	<b>5.2</b>	<b>4.9</b>	<b>4.8</b>
Yemen Arab Republic	5.0	3.4	3.7	6.3	8.5
Puerto Rico ‡	8.6	7.0	7.9	8.5	8.4
Honduras	3.1	4.2	6.8	7.4	8.3
Nigeria	5.6	6.9	7.2	8.1	7.1
Jamaica	7.2	5.8	6.2	5.6	7.0
Guyana	8.8	7.6	7.8	6.6	6.7
Guatemala	4.1	4.5	6.0	6.4	6.4
Pakistan	7.5	6.2	5.4	5.6	6.1
Trinidad and Tobago	7.3	4.7	5.1	3.4	6.1
Haiti	7.4	5.7	6.1	4.9	5.4
India	3.3	2.5	2.3	2.4	5.2
United States †	6.2	6.3	6.0	5.7	5.2
Bangladesh	2.8	3.9	3.9	4.6	4.1
Ghana	6.8	6.2	4.8	4.3	4.0
Mexico	4.1	3.8	3.8	3.4	4.0
Philippines	2.5	1.6	3.0	3.4	3.9
Dominican Republic	3.8	4.2	4.2	4.0	3.8
Ecuador	3.9	3.3	3.0	3.2	3.7
El Salvador	4.9	2.9	2.9	3.4	3.0
Colombia	1.6	1.4	1.5	2.8	2.9
Peru	5.0	3.8	2.0	2.1	2.3
Russia	1.8	1.8	2.8	2.8	2.0
Canada	2.2	2.2	2.2	2.1	2.0
United Kingdom	3.8	1.7	2.3	1.2	1.8
China	2.0	2.0	2.3	2.1	1.7
Egypt	3.3	3.1	2.9	1.3	1.7
Poland	2.1	2.4	1.8	0.7	1.6
Uzbekistan	0.7	0.6	0.6	1.5	1.4
Japan	3.6	2.8	1.4	1.3	1.3
Korea	1.9	1.3	0.7	0.7	1.1
Ukraine	2.5	2.9	2.1	1.2	0.8
Israel	1.7	1.4	0.6	0.6	0.3

Note: Foreign countries are listed according to the descending order of infant mortality rates in the most current period.

† The infant mortality rate is listed for only countries with 500 or more live births in any year of 2006-2012.

‡ As of 2006, US Virgin Islands and Guam are included in the United States. Puerto Rico is a US territory, but is not included as a birthplace in the United States due to the large number of births to Puerto Rican-born women.

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Table IM6. Infant and Neonatal Mortality Rates by Community District of Residence, New York City, 2008–2012

Community District		2008–2010*		2009–2011*		2010–2012*	
		Infant Mortality Rate	Neonatal Mortality Rate	Infant Mortality Rate	Neonatal Mortality Rate	Infant Mortality Rate	Neonatal Mortality Rate
	<b>NEW YORK CITY</b>	<b>5.2</b>	<b>3.5</b>	<b>4.9</b>	<b>3.3</b>	<b>4.8</b>	<b>3.1</b>
	<b>MANHATTAN</b>	<b>4.1</b>	<b>2.8</b>	<b>3.9</b>	<b>2.6</b>	<b>3.5</b>	<b>2.2</b>
101	Battery Park, Tribeca	1.4	1.0	1.6	1.3	1.2	1.2
102	Greenwich Village, SOHO	3.1	2.7	2.4	2.4	2.4	2.4
103	Lower East Side	4.4	2.3	3.4	1.1	2.6	1.3
104	Chelsea, Clinton	3.2	2.5	3.3	2.5	2.9	1.4
105	Midtown Business District	5.3	3.6	4.0	2.3	5.7	3.4
106	Murray Hill	3.1	3.1	3.9	3.1	2.3	1.5
107	Upper West Side	2.0	1.3	1.3	0.7	2.2	1.3
108	Upper East Side	2.7	1.9	2.5	1.9	1.5	1.1
109	Manhattanville	5.7	4.3	4.7	3.2	4.9	3.6
110	Central Harlem	7.5	4.6	8.5	6.2	8.4	5.7
111	East Harlem	6.6	4.1	6.9	4.5	5.3	3.9
112	Washington Heights	4.7	3.1	4.9	2.6	4.2	1.8
	<b>BRONX</b>	<b>6.3</b>	<b>4.3</b>	<b>5.9</b>	<b>3.9</b>	<b>5.6</b>	<b>3.7</b>
201	Mott Haven	7.1	4.6	6.3	4.1	6.6	4.2
202	Hunts Point	6.4	4.1	7.6	4.5	8.7	5.5
203	Morrisania	7.8	5.0	7.7	4.8	6.9	3.9
204	Concourse, Highbridge	5.7	3.7	4.8	3.3	5.5	3.4
205	University/Morris Heights	7.5	5.1	7.3	4.9	6.1	4.4
206	East Tremont	7.4	5.2	6.6	3.6	9.0	6.0
207	Fordham	5.5	4.4	4.6	3.6	4.3	3.3
208	Riverdale	5.2	4.3	5.3	4.5	4.0	2.8
209	Unionport, Soundview	4.9	3.2	5.4	3.3	4.2	2.4
210	Throgs Neck	4.9	3.6	4.6	3.0	2.4	1.4
211	Pelham Parkway	6.3	5.4	6.3	5.1	3.8	3.0
212	Williamsbridge	7.0	3.9	6.0	3.4	6.6	4.3
	<b>BROOKLYN</b>	<b>4.8</b>	<b>3.1</b>	<b>4.4</b>	<b>2.8</b>	<b>4.2</b>	<b>2.6</b>
301	Williamsburg, Greenpoint	2.5	1.8	2.4	1.5	2.4	1.6
302	Fort Greene, Brooklyn Heights	4.8	2.7	3.5	2.6	3.4	2.5
303	Bedford Stuyvesant	8.5	5.3	7.0	4.0	6.0	3.5
304	Bushwick	5.0	3.8	4.4	3.2	4.5	2.7
305	East New York	8.7	4.6	8.4	4.5	7.7	4.5
306	Park Slope	3.3	1.9	1.9	0.9	2.6	1.3
307	Sunset Park	3.1	2.0	2.9	2.0	2.2	1.7
308	Crown Heights North	5.8	4.2	4.2	3.1	7.2	3.8
309	Crown Heights South	5.1	3.2	4.4	2.6	3.1	1.4
310	Bay Ridge	4.0	2.7	4.0	2.5	3.5	2.2
311	Bensonhurst	3.7	2.9	4.2	3.1	4.4	2.6
312	Borough Park	2.7	1.7	2.8	2.0	2.0	1.4
313	Coney Island	4.9	3.0	5.6	3.6	6.3	4.1
314	Flatbush, Midwood	4.3	2.2	3.8	2.3	3.9	2.8
315	Sheepshead Bay	3.1	2.0	2.1	1.3	2.6	1.1
316	Brownsville	9.9	6.5	9.2	5.6	7.4	5.1
317	East Flatbush	6.4	4.4	6.8	4.6	7.2	5.1
318	Canarsie	5.3	3.2	4.8	3.2	5.2	3.0
	<b>QUEENS</b>	<b>4.5</b>	<b>2.9</b>	<b>4.5</b>	<b>2.9</b>	<b>4.8</b>	<b>3.2</b>
401	Astoria, Long Island City	5.3	3.8	4.3	2.5	4.7	3.2
402	Sunnyside, Woodside	2.8	2.2	2.4	1.9	2.9	2.5
403	Jackson Heights	3.6	2.2	3.2	1.7	4.1	2.2
404	Elmhurst, Corona	3.7	2.4	4.1	2.9	5.1	3.5
405	Ridgewood, Glendale	3.0	2.0	3.7	2.4	3.4	2.4
406	Rego Park, Forest Hills	2.1	1.3	2.3	2.1	2.8	2.3
407	Flushing	2.8	1.9	2.7	1.5	3.3	2.3
408	Fresh Meadows, Briarwood	6.1	3.8	5.1	3.0	4.3	2.7
409	Woodhaven	4.1	1.7	3.5	1.2	2.8	1.4
410	Howard Beach	4.8	2.8	4.9	2.7	4.6	2.8
411	Bayside	2.5	2.0	3.0	3.0	2.4	2.4
412	Jamaica, St. Albans	7.3	4.3	8.4	5.2	8.7	5.6
413	Queens Village	5.9	4.0	6.4	4.9	7.2	5.6
414	The Rockaways	7.5	4.9	7.2	4.8	7.5	5.0
	<b>STATEN ISLAND</b>	<b>4.4</b>	<b>3.5</b>	<b>4.8</b>	<b>3.6</b>	<b>5.0</b>	<b>3.9</b>
501	Port Richmond	5.9	4.5	5.5	3.9	6.0	4.2
502	Willowbrook, South Beach	3.0	2.5	4.5	3.8	5.1	4.6
503	Tottenville	3.1	2.5	3.6	2.7	3.3	2.6

\*Due to instability of the infant mortality rates by community district, rates are presented in rolling three-year averages.

Figure 5 provides single-year infant mortality rate by borough.

# INFANT MORTALITY

Table IM7. Live Births and Infant Mortality Rate by Characteristics of Mother, New York City, 2012

Characteristics	Live Births		Infant Mortality Rate (IMR) per 1,000 Live Births					
	Number	Percent	All		Neonatal		Post-neonatal	
			Deaths	Rate	Deaths	Rate	Deaths	Rate
<b>Total</b>	<b>123,231</b>	<b>100.0</b>	<b>583</b>	<b>4.7</b>	<b>383</b>	<b>3.1</b>	<b>200</b>	<b>1.6</b>
<b>Race/Ethnicity</b>								
Puerto Rican	8,673	7.0	57	6.6	42	4.8	15	1.7
Other Hispanic	27,969	22.7	133	4.8	90	3.2	43	1.5
Asian and Pacific Islander	21,149	17.2	70	3.3	45	2.1	25	1.2
Non-Hispanic White	39,112	31.7	104	2.7	67	1.7	37	0.9
Non-Hispanic Black	24,758	20.1	211	8.5	135	5.5	76	3.1
Other and unknown	1,570	1.3	8	-	4	-	4	-
<b>Age of Mother</b>								
Age < 18	1,805	1.5	14	7.8	9	5.0	5	2.8
Age 18-19	3,990	3.2	24	6.0	17	4.3	7	1.8
Age 20-29	53,397	43.3	236	4.4	155	2.9	81	1.5
Age 30-39	57,374	46.6	235	4.1	164	2.9	71	1.2
Age ≥ 40	6,664	5.4	34	5.1	23	3.5	11	1.7
Age unknown	1	0.0	-	-	-	-	-	-
Unmatched*	-	-	40	-	15	-	25	-
<b>Mother's Education</b>								
11th grade or less/12th grade, no diploma	26,578	21.6	152	5.7	103	3.9	49	1.8
High school graduate or GED	26,699	21.7	145	5.4	96	3.6	49	1.8
Some college/associate degree	26,915	21.8	113	4.2	69	2.6	44	1.6
Bachelor's degree	23,723	19.3	78	3.3	58	2.4	20	0.8
Master's degree or higher	18,968	15.4	40	2.1	29	1.5	11	0.6
Mother's education unknown	348	0.3	15	-	13	-	2	-
Unmatched*	-	-	40	-	15	-	25	-
<b>Marital Status of Mother†</b>								
Not married	50,995	41.4	312	6.1	205	4.0	107	2.1
Married	72,235	58.6	231	3.2	163	2.3	68	0.9
Unknown	1	0.0	-	-	-	-	-	-
Unmatched*	-	-	40	-	15	-	25	-
<b>Mother's Birthplace</b>								
US born, including territories	59,868	48.6	284	4.7	193	3.2	91	1.5
Foreign born	63,337	51.4	259	4.1	175	2.8	84	1.3
Birthplace unknown	26	0.0	-	-	-	-	-	-
Unmatched*	-	-	40	-	15	-	25	-
<b>Primary Payer for This Birth</b>								
Medicaid/Family Plus/Child PlusB/other govt	72,883	59.1	360	4.9	226	3.1	134	1.8
Other	49,737	40.4	179	3.6	139	2.8	40	0.8
Coverage unknown	611	0.5	4	-	3	-	1	-
Unmatched*	-	-	40	-	15	-	25	-
<b>Plurality</b>								
Singletons	118,549	96.2	461	3.9	303	2.6	158	1.3
Multiples	4,681	3.8	82	17.5	65	13.9	17	3.6
Plurality unknown	1	0.0	-	-	-	-	-	-
Unmatched*	-	-	40	-	15	-	25	-
<b>Parity</b>								
First birth	54,969	44.6	233	4.2	171	3.1	62	1.1
Second birth or higher	68,211	55.4	308	4.5	196	2.9	112	1.6
Unknown	51	0.0	2	-	1	-	1	-
Unmatched*	-	-	40	-	15	-	25	-
<b>First Prenatal Care Visit</b>								
No prenatal care	870	0.7	30	34.5	27	31.0	3	3.4
First trimester (1-3 months)	87,325	70.9	338	3.9	235	2.7	103	1.2
Second trimester (4-6 months)	26,115	21.2	117	4.5	71	2.7	46	1.8
Late (7-9 months)	7,442	6.0	30	4.0	12	1.6	18	2.4
Prenatal care unknown	1,479	1.2	28	-	23	-	5	-
Unmatched*	-	-	40	-	15	-	25	-
<b>Pre-pregnancy Body Mass Index (BMI)</b>								
Underweight (BMI < 18.5)	7,140	5.8	20	2.8	14	2.0	6	0.8
Normal weight (18.5 ≤ BMI < 25)	67,125	54.5	220	3.3	163	2.4	57	0.8
Overweight (25 ≤ BMI < 30)	28,720	23.3	147	5.1	93	3.2	54	1.9
Obese (BMI ≥ 30)	19,683	16.0	147	7.5	90	4.6	57	2.9
Pre-pregnancy BMI unknown	563	0.5	9	-	8	-	1	-
Unmatched*	-	-	40	-	15	-	25	-

\* Infants who died in New York City who were born elsewhere were classified as unmatched.

† Reporting of mother's marital status on the birth certificate is prohibited by NYC Health Code 201.05(b). Marital status was computed using father's name. When missing or accompanied by an Acknowledgment of Paternity, marital status is categorized as unmarried; all others with father's name were categorized as married.

# PREGNANCY OUTCOMES

Table PO1. Live Births by Borough of Birth\* and Institution, New York City, 2012

Borough and Institution	Births
<b>Manhattan</b>	
Allen Hospital	2,138
Bellevue Hospital Center	1,345
Beth Israel Medical Center	4,267
Columbia Presbyterian Medical Center	4,677
Harlem Hospital Center	988
Lenox Hill Hospital	4,390
Metropolitan Hospital Center	1,238
Mount Sinai Hospital	6,747
New York Downtown Hospital	2,795
New York Weill Cornell Medical Center	5,847
NYU Hospital Center - Tisch Hospital	4,204
St. Luke's - Roosevelt Hospital Center / Roosevelt Hospital Division	6,543
St. Luke's - Roosevelt Hospital Center / St. Luke's Division	3
Places other than a hospital or home**	25
Home†	144
<b>Bronx</b>	
Bronx Lebanon Hospital Center	2,237
Jack D. Weiler Hospital of the Albert Einstein College of Medicine	3,981
Jacobi Medical Center	1,948
Lincoln Medical and Mental Health Center	2,295
Montefiore Medical Center, Henry & Lucy Moses Division	7
Montefiore Medical Center, North Division	2,536
North Central Bronx Hospital	1,506
St. Barnabas Hospital	1,149
Women's Health & Birthing Pavilion	4
Places other than a hospital or home**	10
Home†	60
Foundling‡	1
<b>Brooklyn</b>	
Brookdale University Hospital and Medical Center	1,313
Brooklyn Birthing Center	107
Brooklyn Hospital Center	2,220
Coney Island Hospital	1,080
Kings County Hospital Center	2,390
Kingsbrook Jewish Medical Center	1
Long Island College Hospital	1,376
Lutheran Medical Center	4,300
Maimonides Medical Center	8,382
New York Methodist Hospital	5,660
University Hospital of Brooklyn	1,514
Woodhull Medical and Mental Health Center	2,154
Wyckoff Heights Medical Center	1,433
Beth Israel Kings Highway Division	2
Places other than a hospital or home**	46
Home†	368
<b>Queens</b>	
Elmhurst Hospital Center	3,430
Flushing Hospital Medical Center	2,786
Forest Hills Hospital	2,398
Jamaica Hospital Medical Center	2,345
Long Island Jewish Medical Center	5,959
Mount Sinai Hospital of Queens	1
New York Hospital Medical Center of Queens	4,376
Queens Hospital Center	1,801
St. John's Episcopal Hospital	757
Places other than a hospital or home**	23
Home†	116
<b>Staten Island</b>	
Richmond University Medical Center	2,913
Staten Island University Hospital	2,875
Places other than a hospital or home**	4
Home†	16
<b>New York City Total</b>	<b>123,231</b>

\*Live births are presented by borough of birth beginning 2010; in prior years they were reported by borough of report.

\*\*Places other than a hospital or home include ambulances, taxis, and airplanes.

†See Technical Notes: Geographical Units, Place of Birth.

# PREGNANCY OUTCOMES

Table PO2. Live Births by Ancestry of Mother and Borough of Residence, New York City, 2012

Ancestry of Mother	Total	Borough of Residence						
		Manhattan	Bronx	Brooklyn	Queens	Staten Island	Non-Residents	Residence Unknown
Total	123,231	19,086	20,044	42,087	26,986	5,260	9,760	8
Hispanic								
Colombian	1,104	84	54	138	698	32	98	-
Cuban	302	79	52	67	57	15	32	-
Dominican	11,145	2,334	5,138	1,651	1,549	89	383	1
Ecuadorian	3,096	182	407	531	1,855	41	80	-
Mexican	7,341	727	1,668	2,277	2,139	446	84	-
Puerto Rican	8,673	992	3,651	2,064	1,063	505	397	1
Other Hispanic	4,981	599	950	1,191	1,690	146	405	-
North American and the Caribbean								
African American	14,342	1,481	3,467	6,179	2,134	498	581	2
American	10,818	2,531	283	4,331	1,253	897	1,522	1
Guyanese	1,625	14	138	510	876	11	76	-
Haitian	1,734	58	56	1,092	378	16	134	-
Jamaican	2,025	64	401	852	554	10	144	-
Trinidadian	914	22	38	482	315	9	48	-
Other North American and the Caribbean	1,872	218	281	958	272	21	122	-
European								
English	1,268	606	32	405	94	7	124	-
German	865	344	20	227	97	41	136	-
Irish	1,947	499	61	462	284	196	445	-
Italian	3,494	613	133	808	419	837	684	-
Polish	1,178	191	27	323	415	101	121	-
Russian	1,842	345	31	826	315	125	200	-
Other European	4,593	1,035	298	1,629	787	298	546	-
Asian								
Asian Indian	2,066	392	85	208	893	59	429	-
Bangladeshi	2,149	56	350	447	1,264	8	24	-
Chinese	10,067	1,493	73	4,498	3,324	160	519	-
Filipino	949	149	58	118	438	59	127	-
Korean	1,168	382	18	142	458	23	145	-
Pakistani	1,547	63	83	703	493	80	125	-
Other Asian	5,444	989	292	2,018	1,518	194	432	1
Other								
Jewish or Hebrew	6,389	555	55	4,878	285	65	551	-
Other or not stated	8,293	1,989	1,844	2,072	1,069	271	1,046	2

Note: See Technical Notes: Demographic Characteristics of Vital Events: Race, Ancestry, and Ethnic Group.

Table PO3. Live Births by Mother's Ethnic Group and Age, New York City, 2012

Ethnic Group	Total	Age of Mother (Years)							
		<15	15-17	18-19	20-24	25-29	30-34	35-39	≥40
Total	123,231	88	1,717	3,990	22,081	31,316	35,629	21,745	6,664
Puerto Rican	8,673	5	322	686	2,523	2,237	1,710	902	288
Other Hispanic	27,969	42	750	1,476	6,470	7,630	6,771	3,771	1,059
Asian and Pacific Islander	21,149	3	28	146	2,468	6,404	7,180	3,935	985
Non-Hispanic white	39,112	3	86	388	4,893	8,337	13,409	9,077	2,919
Non-Hispanic black	24,758	31	505	1,242	5,462	6,350	6,075	3,771	1,322
Non-Hispanic other	446	2	6	13	87	107	135	76	20
Non-Hispanic of two or more races	1,022	2	16	35	145	229	329	200	66
Not stated*	102	.	4	4	33	22	20	13	5

\* See Technical Notes: Births, Birth Data Quality.



# PREGNANCY OUTCOMES

Table PO4. Selected Characteristics of Live Births, Overall and by Age of Mother, New York City, 2012

	Total	Age of Mother (Years)								
		< 15	15-17	18-19	20-24	25-29	30-34	35-39	≥40	Not Stated
Total Live Births	123,231	88	1,717	3,990	22,081	31,316	35,629	21,745	6,664	1
Sex										
Male	63,231	46	856	2,059	11,319	16,139	18,191	11,219	3,402	-
Female	60,000	42	861	1,931	10,762	15,177	17,438	10,526	3,262	1
First Live Birth*										
Yes	54,969	84	1,583	3,360	13,313	13,418	14,208	6,893	2,110	-
No	68,211	4	132	626	8,758	17,883	21,411	14,846	4,551	-
Unknown	51	-	2	4	10	15	10	6	3	1
Pre-pregnancy Body Mass Index (BMI)										
Underweight (BMI < 18.5)	7,140	3	152	306	1,645	2,030	1,851	913	240	-
Normal weight (18.5 ≤ BMI < 25)	67,125	53	991	2,152	11,644	16,530	20,124	12,084	3,547	-
Overweight (25 ≤ BMI < 30)	28,720	23	347	906	5,042	7,317	8,188	5,208	1,689	-
Obese (BMI ≥ 30)	19,683	7	207	594	3,612	5,303	5,348	3,455	1,157	-
Unknown	563	2	20	32	138	136	118	85	31	1
Birthweight at Delivery (Grams)										
< 1500	1,871	5	36	62	292	394	545	394	143	-
1500-2499	8,465	8	164	300	1,462	1,981	2,302	1,566	682	-
2500-3999	105,058	73	1,468	3,485	19,240	27,021	30,346	18,083	5,342	-
≥ 4000	7,834	2	49	143	1,085	1,920	2,436	1,702	497	-
Not stated	3	-	-	-	2	-	-	-	-	1
Gestational Age (Weeks)†										
< 32	1,986	7	39	65	318	423	597	387	150	-
32-36	9,155	13	171	267	1,490	2,104	2,579	1,823	708	-
≥ 37	112,033	68	1,506	3,656	20,267	28,779	32,431	19,523	5,803	-
Unknown	57	-	1	2	6	10	22	12	3	1
Plurality										
Single	118,549	86	1,684	3,936	21,551	30,420	34,170	20,592	6,110	-
Twin	4,555	2	30	54	510	884	1,405	1,131	539	-
Triplet	118	-	3	-	16	12	50	22	15	-
Quadruplet	8	-	-	-	4	-	4	-	-	-
Unknown/not stated	1	-	-	-	-	-	-	-	-	1
Apgar Score at 5 Minutes										
≤ 6	964	1	23	47	160	242	241	182	68	-
7	936	2	13	40	166	212	267	171	65	-
8	4,871	1	88	182	851	1,167	1,388	883	311	-
9	114,623	84	1,568	3,658	20,606	29,206	33,197	20,169	6,135	-
10	1,559	-	21	50	252	391	472	297	76	-
Not stated	278	-	4	13	46	98	64	43	9	1
Method of Delivery										
Vaginal	80,425	78	1,385	3,084	16,392	21,343	22,572	12,342	3,229	-
Vaginal after any prior C-section	2,425	-	6	22	288	655	798	501	155	-
Primary C-section	24,892	10	312	794	4,024	5,668	7,218	4,883	1,983	-
Repeat C-section	15,393	-	13	87	1,362	3,621	5,016	4,002	1,292	-
Unknown	96	-	1	3	15	29	25	17	5	1
Place of Birth										
Home	704	-	5	10	64	188	230	171	36	-
Voluntary hospital	102,132	64	1,164	2,822	16,903	25,494	30,776	19,090	5,819	-
Municipal hospital	20,175	24	548	1,155	5,086	5,561	4,552	2,448	801	-
Birthing center	111	-	-	1	12	36	43	16	3	-
Other	109	-	-	2	16	37	28	20	5	1
Attendant										
Physician	111,641	72	1,440	3,373	19,204	28,230	32,808	20,235	6,279	-
Certified nurse midwife	11,055	16	270	596	2,783	2,922	2,678	1,429	361	-
Other	535	-	7	21	94	164	143	81	24	1
Primary Payer for this Birth‡										
Medicaid/Family Plus/Child Health Plus B/Other govt	72,883	82	1,510	3,500	18,737	21,738	16,305	8,448	2,563	-
Private	47,485	2	114	332	2,698	8,883	18,607	12,867	3,982	-
Self-pay	1,648	3	57	104	414	393	371	246	60	-
Other	604	-	14	30	99	155	189	88	29	-
Not stated	611	1	22	24	133	147	157	96	30	1
First Visit for Prenatal Care										
First trimester (1-3 months)	87,325	30	776	2,177	13,878	22,147	26,876	16,547	4,894	-
Second trimester (4-6 months)	26,115	31	626	1,217	5,764	6,663	6,544	3,933	1,337	-
Late (7-9 months)	7,442	20	237	450	1,839	1,976	1,676	941	303	-
No care	870	7	48	64	249	198	187	82	35	-
Not stated	1,479	-	30	82	351	332	346	242	95	1
Marital Status of Mother§										
Not married	50,923	88	1,653	3,481	14,101	13,677	10,257	5,662	2,004	-
Married	72,307	-	64	509	7,980	17,639	25,372	16,083	4,660	-
Unknown	1	-	-	-	-	-	-	-	-	1
Education Level										
11th grade or less/12th grade no diploma	26,578	87	1,574	2,082	6,384	7,015	5,419	3,066	951	-
High school graduate or GED	26,699	-	129	1,343	7,553	7,509	5,794	3,253	1,118	-
Some college/associate degree	26,915	-	6	544	6,449	8,216	6,852	3,748	1,100	-
Bachelor's degree	23,723	-	-	9	1,323	5,617	9,309	5,757	1,708	-
Master's degree or higher	18,968	-	2	-	283	2,871	8,180	5,867	1,765	-
Not stated	348	1	6	12	89	88	75	54	22	1
Birthplace of Mother										
United States, including its territories	59,868	64	1,271	2,751	12,758	13,284	16,416	10,170	3,153	1
Foreign	63,337	24	446	1,238	9,314	18,029	19,211	11,568	3,507	-
Not stated	26	-	-	1	9	3	2	7	4	-

\* See Technical Notes: Births, Birth Data Quality.

† See Technical Notes: Births, Gestational Age.

‡ See Technical Notes: Births, Birth Reporting.

§ See Technical Notes: Mother's Marital Status.

# PREGNANCY OUTCOMES

**Table PO5. Selected Characteristics of Live Births by Mother's Ethnic Group, New York City, 2012**

	Total	Racial/Ethnic Group of Mother*							
		Puerto Rican	Other Hispanic	Asian	Non-Hispanic White	Non-Hispanic Black	Other	Non-Hispanic, Two or More Races	Not Stated
Total Live Births	123,231	8,673	27,969	21,149	39,112	24,758	446	1,022	102
Sex									
Male	63,231	4,478	14,272	11,035	20,052	12,587	224	527	56
Female	60,000	4,195	13,697	10,114	19,060	12,171	222	495	46
First Live Birth†									
Yes	54,969	3,740	11,099	10,569	18,051	10,693	214	566	37
No	68,211	4,932	16,843	10,577	21,053	14,058	232	456	60
Unknown	51	1	27	3	8	7	-	-	5
Pre-pregnancy Body Mass Index (BMI)									
Underweight (BMI < 18.5)	7,140	352	862	2,518	2,404	892	28	81	3
Normal weight (18.5 ≤ BMI < 25)	67,125	3,371	13,256	14,411	25,827	9,426	225	584	25
Overweight (25 ≤ BMI < 30)	28,720	2,390	8,420	3,183	7,281	7,121	106	198	21
Obese (BMI ≥ 30)	19,683	2,522	5,242	1,012	3,509	7,142	84	155	17
Unknown	563	38	189	25	91	177	3	4	36
Birthweight at Delivery (Grams)									
< 1500	1,871	172	401	187	406	674	14	12	5
1500-2499	8,465	733	1,593	1,458	2,274	2,289	39	70	9
2500-3999	105,058	7,221	23,954	18,642	33,401	20,501	367	888	84
≥ 4000	7,834	547	2,021	862	3,031	1,293	26	52	2
Not stated	3	-	-	-	-	1	-	-	2
Gestational Age (Weeks)‡									
< 32	1,986	186	435	216	396	718	14	16	5
32-36	9,155	837	1,983	1,343	2,520	2,358	37	63	14
≥ 37	112,033	7,646	25,541	19,581	36,172	21,676	395	942	80
Unknown	57	4	10	9	24	6	-	1	3
Plurality									
Single	118,549	8,397	27,259	20,536	36,975	23,861	427	995	99
Twin	4,555	270	690	609	2,074	870	16	24	2
Triplet	118	6	16	4	59	27	3	3	-
Quadruplet	8	-	4	-	4	-	-	-	-
Unknown/not stated	1	-	-	-	-	-	-	-	1
Apgar Score at 5 Minutes									
≤ 6	964	99	193	112	177	368	2	9	4
7	936	83	184	90	245	321	4	7	2
8	4,871	405	1,036	590	1,308	1,458	26	45	3
9	114,623	7,948	26,150	20,055	36,762	22,280	409	936	83
10	1,559	118	345	273	560	230	4	22	7
Not stated	278	20	61	29	60	101	1	3	3
Method of Delivery									
Vaginal	80,425	5,543	18,275	13,794	26,888	14,875	286	691	73
Vaginal after any prior C-section	2,425	173	515	306	953	456	9	9	4
Primary C-section	24,892	1,819	5,070	4,296	7,451	5,935	95	215	11
Repeat C-section	15,393	1,133	4,091	2,722	3,791	3,480	56	107	13
Unknown	96	5	18	31	29	12	-	-	1
Place of Birth									
Home	704	25	90	50	385	119	9	23	3
Voluntary hospital	102,132	6,974	19,847	18,624	37,345	17,998	384	882	78
Municipal hospital	20,175	1,666	8,003	2,455	1,284	6,588	52	107	20
Birthing center	111	2	17	5	62	16	-	9	-
Other	109	6	12	15	36	37	1	1	1
Attendant									
Physician	111,641	7,638	24,693	20,198	35,449	22,244	396	940	83
Certified nurse midwife	11,055	984	3,150	891	3,540	2,350	46	78	16
Other	535	51	126	60	123	164	4	4	3
Primary Payer for this Birth§									
Medicaid/Family Plus/Child Health Plus B/Other govt	72,883	6,208	22,449	12,916	13,202	17,357	259	414	78
Private	47,485	2,232	4,918	7,980	25,375	6,210	176	575	19
Self-pay	1,648	143	384	140	245	705	6	23	2
Other	604	48	89	57	177	221	4	8	-
Not stated	611	42	129	56	113	265	1	2	3
First Visit for Prenatal Care									
First trimester (1-3 months)	87,325	5,781	18,618	15,247	31,109	15,488	298	723	61
Second trimester (4-6 months)	26,115	2,043	6,903	4,533	6,342	5,971	108	197	18
Late (7-9 months)	7,442	611	1,921	1,128	1,182	2,491	25	78	6
No care	870	109	215	67	96	368	4	8	3
Not stated	1,479	129	312	174	383	440	11	16	14
Marital Status of Mother									
Not married	50,923	6,668	18,250	3,707	4,714	16,925	191	395	73
Married	72,307	2,005	9,719	17,442	34,398	7,833	255	627	28
Unknown	1	-	-	-	-	-	-	-	1
Education Level									
11th grade or less/12th grade, no diploma	26,578	2,747	10,551	4,955	3,109	4,999	88	104	25
High school graduate or GED	26,699	2,112	6,462	3,915	7,201	6,717	112	156	24
Some college/associate degree	26,915	2,693	6,788	3,402	5,766	7,903	106	250	7
Bachelor's degree	23,723	720	2,769	5,165	11,350	3,344	87	279	9
Master's degree or higher	18,968	392	1,322	3,698	11,615	1,656	51	231	3
Not stated	348	9	77	14	71	139	2	2	34
Birthplace of Mother									
United States, including its territories	59,868	8,610	7,020	2,084	27,113	14,057	198	703	83
Foreign	63,337	62	20,948	19,062	11,994	10,692	247	319	13
Not stated	26	1	1	3	5	9	1	-	6

\* See Technical Notes: Demographic Characteristics of Vital Events, Birthplace.

† See Technical Notes: Births, Birth Data Quality.

‡ See Technical Notes: Births, Gestational Age.

# PREGNANCY OUTCOMES

Table PO6. Live Births by Selected Characteristics and Mother's Ancestry, New York City, 2012

Ancestry of Mother	Live Births	Percent of Total Live Births with Specified Characteristics									
		Foreign-born Mother	First Live Birth	Low Birth Weight (<2,500 Grams)	Preterm Birth† (<37 Weeks)	Late or No Prenatal Care	Mother Not Married	On Medicaid‡	Pre-pregnancy Obesity§	Teenage Mother (<20 Years)	Exclusive Breast Feeding
Total	123,231	51.4	44.6	8.4	9.0	6.8	41.3	59.4	16.0	4.7	31.7
Hispanic											
Colombian	1,104	68.3	53.2	7.0	6.8	5.1	47.2	55.2	13.6	4.9	32.4
Cuban	302	16.6	53.3	12.3	12.6	6.3	44.0	41.3	19.5	5.0	40.1
Dominican	11,145	69.9	44.5	7.8	9.5	9.0	65.2	79.6	19.6	8.7	23.9
Ecuadorian	3,096	83.9	35.0	5.4	6.6	7.9	59.2	83.6	15.4	7.2	24.5
Mexican	7,341	84.8	30.3	6.1	7.9	6.5	75.0	92.7	19.1	9.6	20.9
Puerto Rican	8,673	0.7	43.1	10.4	11.8	8.4	76.9	71.9	29.2	11.7	26.3
Other Hispanic	4,981	70.9	42.1	7.8	9.3	7.3	60.0	71.3	20.0	6.2	28.0
North America and the Caribbean											
African American	14,342	12.9	45.0	13.0	13.1	9.7	78.6	71.6	31.4	9.9	24.6
American	10,818	4.8	48.0	7.6	8.0	2.2	18.0	29.3	11.1	1.9	48.0
Guyanese	1,625	91.6	42.4	13.3	11.6	8.5	45.7	63.8	17.8	3.7	25.9
Haitian	1,734	84.9	44.0	10.8	12.5	15.5	46.8	71.4	28.8	2.1	30.2
Jamaican	2,025	91.7	43.1	11.4	11.4	11.9	64.2	66.3	27.5	4.5	31.5
Trinidadian	914	93.4	46.1	12.5	13.5	14.8	56.5	70.1	22.9	3.1	29.2
Other North America and the Caribbean	1,872	90.3	47.8	9.2	10.3	14.3	47.9	56.8	21.0	2.9	39.5
European											
English	1,268	29.1	57.1	6.0	7.7	1.9	9.5	7.5	3.9	0.2	73.2
German	865	22.9	63.8	8.0	8.6	2.2	14.7	10.1	6.4	0.9	57.5
Irish	1,947	10.3	58.4	6.5	7.4	2.2	14.7	10.4	9.2	0.8	49.1
Italian	3,494	6.3	53.2	8.0	9.0	2.0	18.9	15.3	16.0	1.4	40.3
Polish	1,178	63.9	54.8	5.0	6.3	2.1	15.6	33.7	6.2	0.5	47.5
Russian	1,842	76.5	53.3	6.6	7.4	3.9	20.6	34.6	5.8	0.7	48.0
Other European	4,593	63.3	52.6	6.1	7.5	3.4	16.2	31.8	8.2	0.9	46.7
Asian											
Asian Indian	2,066	83.7	55.2	12.8	9.4	3.5	7.8	34.3	8.2	0.6	33.4
Bangladeshi	2,149	98.6	42.1	12.0	8.7	8.8	5.8	83.8	9.0	1.3	23.2
Chinese	10,067	91.7	50.5	4.8	5.8	4.1	23.2	70.5	1.3	0.5	14.5
Filipino	949	79.5	54.1	10.2	10.2	5.1	22.1	26.7	7.2	1.3	33.7
Korean	1,168	78.4	62.9	6.0	7.3	3.6	9.8	30.7	3.3	0.2	41.5
Pakistani	1,547	95.1	35.9	9.9	9.9	11.6	4.4	79.0	12.8	1.4	22.3
Other Asian	5,444	86.5	46.3	6.8	6.7	9.0	13.3	53.1	6.4	2.5	36.4
Other											
Jewish or Hebrew	6,389	15.0	27.8	6.1	5.8	1.3	3.6	59.4	8.3	1.3	42.7
Other or Not Stated	8,293	56.1	40.0	8.8	9.4	11.2	24.6	50.4	15.1	1.7	33.4

Note: See Technical Notes: Demographic Characteristics of Vital Events: Race, Ancestry, and Ethnic Group.

\* Beginning in 2006, US Virgin Islands and Guam are not included in the Foreign-born Mother category.

† Clinical gestational age <37 completed weeks.

‡ Due to revision of the birth certificate, since 2008 "On Medicaid" also includes Family Health Plus, Other government, and Child Health Plus B.

§ See Technical Notes: Births, Birth Data Quality.

# PREGNANCY OUTCOMES

**Table PO7. Live Births by Selected Characteristics and Community District of Residence, New York City, 2012**

Community District of Residence	Live Births	Rate*	Percent of Total Live Births With Specified Characteristics								
			Hispanic Mother	Foreign-Born Mother†	First Live Birth	Low Birth weight (<2,500 Grams)	Preterm Birth‡ (<37 weeks)	Late or No Prenatal Care	On Medicaid §	Pre-pregnancy Obesity	Exclusive Breast Feeding
<b>NEW YORK CITY</b>	123,231	14.8	32.5	51.4	44.6	8.4	9.0	6.8	59.4	16.0	31.7
<b>MANHATTAN</b>	18,977	11.7	29.0	42.6	56.2	8.5	8.6	4.8	35.7	10.4	42.2
Battery Park, Tribeca (01)	1,191	19.0	9.0	39.5	64.4	7.6	9.5	1.9	4.8	1.4	54.9
Greenwich Village, SOHO (02)	851	9.3	5.6	36.4	67.1	7.8	6.1	1.3	9.8	2.2	52.6
Lower East Side (03)	1,743	10.4	24.0	58.3	51.2	7.4	7.5	5.4	68.7	9.7	28.2
Chelsea, Clinton (04)	963	9.1	18.6	41.8	63.8	8.5	9.1	4.0	20.5	5.8	55.7
Midtown Business District (05)	579	11.0	8.5	40.4	67.7	7.9	5.9	3.0	9.7	3.0	54.7
Murray Hill (06)	1,322	9.1	8.1	39.6	64.3	8.9	8.3	1.9	7.4	2.3	55.5
Upper West Side (07)	2,788	13.0	14.7	34.3	57.7	9.0	9.3	2.4	11.0	5.0	53.3
Upper East Side (08)	2,636	11.7	7.5	33.0	64.6	7.3	6.2	2.2	6.5	2.9	38.0
Manhattanville (09)	1,244	11.1	52.7	52.4	48.1	8.3	9.0	8.8	64.5	17.8	40.8
Central Harlem (10)	1,648	14.0	23.6	38.6	46.0	11.5	11.8	10.8	63.4	23.7	35.3
East Harlem (11)	1,537	12.5	52.4	37.5	46.8	10.2	10.6	8.3	69.5	25.2	26.0
Washington Heights (12)	2,474	12.7	78.2	58.1	47.9	7.4	8.4	6.8	68.4	18.6	34.8
<b>BRONX</b>	20,153	14.3	60.8	51.4	40.8	9.6	9.9	11.7	79.5	24.6	25.3
Mott Haven (01)	1,622	17.3	69.4	45.5	37.7	8.8	10.3	11.0	87.7	26.7	20.9
Hunts Point (02)	846	15.8	71.7	42.2	38.8	9.2	8.9	14.2	87.3	29.0	20.2
Morrisania (03)	1,409	17.4	53.8	42.3	38.4	9.8	9.7	12.4	83.2	29.0	19.6
Concourse, Highbridge (04)	2,594	17.4	66.9	60.6	39.7	9.4	10.0	11.4	84.5	24.6	21.2
University/Morris Heights (05)	2,355	18.0	68.5	59.1	39.0	8.7	9.2	12.2	86.4	25.5	20.4
East Tremont (06)	1,482	17.5	67.6	42.1	37.7	11.7	11.0	10.8	87.2	26.4	22.8
Fordham (07)	2,320	16.3	72.9	60.4	40.9	10.4	9.9	10.3	82.2	21.0	25.4
Riverdale (08)	1,185	11.5	63.2	48.1	44.0	7.1	9.5	6.3	53.7	16.2	36.4
Unionport, Soundview (09)	2,380	13.5	58.7	46.2	41.7	10.2	11.1	13.8	78.4	26.3	27.9
Throgs Neck (10)	940	7.7	49.6	40.5	47.5	9.5	10.7	11.1	58.2	20.7	38.7
Pelham Parkway (11)	1,268	11.0	48.8	54.4	44.6	8.2	8.1	11.6	70.1	21.9	35.2
Williamsbridge (12)	1,751	11.4	27.7	53.1	43.2	10.6	9.7	14.3	74.8	27.0	25.8
<b>BROOKLYN</b>	42,087	16.4	21.9	48.5	41.3	7.9	8.9	5.9	67.0	15.8	32.9
Williamsburg, Greenpoint (01)	3,511	20.1	21.6	18.7	36.6	5.4	6.1	3.4	64.6	10.9	43.9
Fort Greene, Brooklyn Heights (02)	1,669	16.5	13.6	28.4	61.5	8.6	9.5	2.6	23.6	8.8	51.7
Bedford Stuyvesant (03)	2,450	15.9	21.2	26.3	40.1	9.8	10.6	6.6	74.0	22.7	31.1
Bushwick (04)	1,764	15.5	73.3	55.9	37.4	7.6	9.4	8.2	85.1	24.8	26.0
East New York (05)	2,838	15.4	36.4	48.0	39.8	10.9	12.3	9.4	80.6	27.1	24.9
Park Slope (06)	1,809	17.0	14.1	25.0	58.6	6.7	7.1	2.1	17.7	7.7	61.0
Sunset Park (07)	3,220	25.1	30.0	78.9	44.9	5.7	6.3	3.6	81.2	7.3	16.4
Crown Heights North (08)	1,414	14.6	12.8	39.1	48.8	10.0	11.0	7.5	58.4	21.7	41.1
Crown Heights South (09)	1,517	15.4	9.5	47.8	40.4	7.9	8.3	8.3	71.6	19.2	48.2
Bay Ridge (10)	1,880	13.7	18.2	61.8	46.4	6.7	8.2	5.7	54.2	9.7	31.0
Bensonhurst (11)	2,558	13.1	19.4	76.7	42.8	6.1	7.5	4.8	68.3	9.5	24.8
Borough Park (12)	5,582	28.5	16.3	41.2	29.3	5.9	6.3	2.7	78.3	8.8	29.7
Coney Island (13)	1,275	12.1	26.0	65.8	42.8	8.2	10.2	6.7	71.1	15.1	27.3
Flatbush, Midwood (14)	2,722	16.6	20.3	57.6	38.0	8.4	9.4	7.6	67.9	17.2	33.1
Sheepshead Bay (15)	2,189	12.9	13.5	61.7	40.6	7.1	8.6	5.3	57.5	11.1	34.3
Brownsville (16)	1,417	16.4	19.8	31.6	41.3	12.8	14.1	11.2	84.2	31.5	25.9
East Flatbush (17)	1,971	12.6	7.5	63.6	43.9	12.1	13.3	12.0	75.1	29.2	28.9
Canarsie (18)	2,301	11.7	9.7	49.9	41.3	9.6	11.9	8.2	54.8	24.0	34.2
<b>QUEENS</b>	26,984	11.9	34.4	70.1	45.3	7.8	8.3	8.1	66.5	14.7	23.9
Astoria, Long Island City (01)	1,981	9.9	31.3	60.9	55.0	7.0	8.5	12.5	56.1	14.4	31.5
Sunnyside, Woodside (02)	1,616	13.5	34.1	74.8	52.2	6.0	6.6	6.8	56.8	9.4	31.1
Jackson Heights (03)	2,744	15.6	73.9	82.2	39.5	7.3	7.1	9.2	82.8	15.4	18.4
Elmhurst, Corona (04)	2,784	15.4	56.3	88.0	42.3	7.3	8.0	6.8	83.9	11.7	15.9
Ridgewood, Glendale (05)	2,091	12.4	45.1	62.6	44.7	6.0	7.2	6.8	62.5	14.8	27.6
Rego Park, Forest Hills (06)	1,311	11.5	12.9	69.0	52.3	6.7	7.4	3.7	30.4	7.2	31.5
Flushing (07)	2,979	11.8	15.5	85.8	48.9	5.8	6.4	6.8	73.1	6.2	16.1
Fresh Meadows, Briarwood (08)	1,734	11.4	19.8	67.6	42.8	7.5	8.5	5.7	54.2	13.5	28.8
Woodhaven (09)	1,893	13.1	45.6	71.1	43.9	9.0	8.7	7.6	69.8	15.7	21.1
Howard Beach (10)	1,257	10.2	26.9	64.9	44.5	10.1	9.6	8.0	64.3	15.9	21.3
Bayside (11)	728	6.2	14.2	68.0	43.2	6.1	7.7	3.9	40.4	8.7	24.9
Jamaica, St. Albans (12)	2,941	12.9	23.3	59.5	42.7	10.8	10.1	11.2	75.4	24.8	25.7
Queens Village (13)	1,620	8.5	13.3	60.9	46.2	11.9	11.9	9.3	59.3	21.4	25.6
The Rockaways (14)	1,307	11.3	26.7	36.0	37.6	8.3	9.9	11.4	66.9	24.6	29.2
<b>STATEN ISLAND</b>	5,260	11.2	24.8	36.4	40.3	7.5	9.2	2.9	43.0	20.3	34.0
Port Richmond (01)	2,429	13.7	36.4	40.1	38.2	8.4	10.4	3.8	57.4	23.5	30.3
Willowbrook, South Beach (02)	1,370	10.3	18.3	46.4	40.8	6.7	8.3	2.8	40.1	15.7	37.7
Tottenville (03)	1,444	9.0	11.2	21.1	43.3	6.6	8.2	1.2	21.8	19.4	36.6
<b>NEW YORK CITY RESIDENTS</b>	113,461	13.6	33.7	52.6	44.57739	8.25232	8.9	7.1	62.7	16.4	31.0
<b>NON-RESIDENTS</b>	9,762	-	17.7	37.3	45.2	10	10.5	3.2	21.3	11.7	39.6
<b>RESIDENCE UNKNOWN</b>	8	-	33.3	33.3	42.9	14.3	16.7	83.3	37.5	0.0	0.0

Note: Borough totals may be higher than the sum of the community districts as they may include some live births whose community district could not be determined.

\* Rate per 1,000 population. For population information, see Technical Notes: Geographical Units, Community District.

† See Technical Notes: Birthplace.

‡ Clinical gestational age < 37 completed weeks.

§ Due to revision of the birth certificate, since 2008 "On Medicaid" also includes Family Health Plus, Other government, and Child Health Plus B.

# PREGNANCY OUTCOMES

**Table PO8. Live Births by Mother's Birthplace and Borough of Residence, New York City 2012**

Birthplace	Total	Borough of Residence					Non-Residents	Residence Unknown
		Manhattan	Bronx	Brooklyn	Queens	Staten Island		
United States	58,651	10,831	9,097	21,417	7,932	3,302	6,069	3
China	8,787	1,115	57	4,112	3,024	114	365	-
Dominican Republic	7,866	1,552	3,810	1,170	1,054	52	227	1
Mexico	6,282	601	1,416	1,911	1,914	395	45	-
Ecuador	2,581	140	311	436	1,626	19	49	-
Jamaica	2,430	70	590	952	632	18	168	-
Bangladesh	2,147	58	346	451	1,259	10	23	-
Guyana	1,777	22	139	615	910	14	77	-
Haiti	1,548	41	38	1,029	328	11	101	-
India	1,546	226	62	121	750	43	344	-
Pakistan	1,437	47	80	665	461	76	108	-
Trinidad and Tobago	1,252	41	55	698	379	19	60	-
Puerto Rico	1,217	122	636	247	125	41	45	1
Russia	1,027	151	21	514	153	80	108	-
Israel	949	186	24	506	108	29	96	-
Korea	877	253	14	95	397	18	100	-
Ukraine	802	75	11	518	64	74	60	-
Uzbekistan	777	10	4	436	298	17	12	-
Philippines	765	88	53	87	390	46	101	-
El Salvador	764	40	103	155	390	7	69	-
Colombia	760	55	31	88	502	22	62	-
Poland	760	45	16	211	367	66	55	-
Honduras	728	50	282	168	157	34	37	-
Canada	671	222	13	277	61	-	98	-
Egypt	666	47	4	244	227	93	51	-
Other or Not Stated	16,164	2,998	2,831	4,964	3,478	660	1,230	3
<b>Total</b>	<b>123,231</b>	<b>19,086</b>	<b>20,044</b>	<b>42,087</b>	<b>26,986</b>	<b>5,260</b>	<b>9,760</b>	<b>8</b>

**Table PO9. Live Births by Mother's Birthplace and Age, New York City, 2012**

Birthplace	Total	Age of Mother (Years)						Unknown
		< 20	20-24	25-29	30-34	35-39	≥ 40	
United States	58,651	3,965	12,446	13,016	16,149	9,977	3,097	1
China	8,787	37	1,207	3,308	2,699	1,239	297	-
Dominican Republic	7,866	499	1,878	2,152	1,920	1,087	330	-
Mexico	6,282	333	1,301	2,008	1,601	838	201	-
Ecuador	2,581	143	424	716	739	415	144	-
Jamaica	2,430	97	413	646	627	444	203	-
Bangladesh	2,147	25	380	816	615	255	56	-
Guyana	1,777	50	289	477	538	326	97	-
Haiti	1,548	19	139	371	509	366	144	-
India	1,546	4	109	508	605	253	67	-
Pakistan	1,437	19	270	532	427	152	37	-
Trinidad and Tobago	1,252	35	180	387	373	208	69	-
Puerto Rico	1,217	121	312	268	267	193	56	-
Russia	1,027	5	86	336	341	202	57	-
Israel	949	13	105	235	313	211	72	-
Korea	877	-	15	97	397	294	74	-
Ukraine	802	2	65	232	297	176	30	-
Uzbekistan	777	24	215	284	170	67	17	-
Philippines	765	7	47	138	284	224	65	-
El Salvador	764	41	142	226	193	131	31	-
Colombia	760	24	92	175	258	163	48	-
Poland	760	2	39	188	352	152	27	-
Honduras	728	38	133	200	203	111	43	-
Canada	671	4	75	102	238	202	50	-
Egypt	666	5	101	224	215	101	20	-
Other or Not Stated	16,164	283	1,618	3,674	5,299	3,958	1,332	-
<b>Total</b>	<b>123,231</b>	<b>5,795</b>	<b>22,081</b>	<b>31,316</b>	<b>35,629</b>	<b>21,745</b>	<b>6,664</b>	<b>1</b>

# PREGNANCY OUTCOMES

**Table PO10 Pregnancy Outcomes and Pregnancy Rates\* to Teenagers (Age 15-19 Years) by Ethnic Group and Borough of Residence, New York City, 2012**

	Age of Woman (Years)	Live Births	Spontaneous Terminations	Induced Terminations	Population Women	Birth Rate per 1,000 Women	Pregnancy Rate Per 1,000 Women	
New York City †	15-17	1,805	242	3,554	140,752	12.8	39.8	
	18-19	3,990	433	5,863	104,672	38.1	98.3	
	Age 15-19	5,795	675	9,417	245,424	23.6	64.7	
Ethnic Group†								
	Hispanic	15-17	1,119	84	1,262	52,194	21.4	47.2
	18-19	2,162	124	2,095	36,713	58.9	119.3	
	Age 15-19	3,281	208	3,357	88,907	36.9	77.0	
Asian and Pacific Islander	15-17	31	0	86	16,252	1.9	7.2	
	18-19	146	11	207	12,748	11.5	28.6	
	Age 15-19	177	11	293	29,000	6.1	16.6	
Non-Hispanic White	15-17	89	31	205	30,130	3.0	10.8	
	18-19	388	40	465	26,086	14.9	34.2	
	Age 15-19	477	71	670	56,216	8.5	21.7	
Non-Hispanic Black	15-17	536	68	1,720	39,235	13.7	59.2	
	18-19	1,242	148	2,695	26,923	46.1	151.7	
	Age 15-19	1,778	216	4,415	66,158	26.9	96.9	
NYC Events to NYC Residents‡	15-17	1,767	227	3,338	140,752	12.6	37.9	
	18-19	3,880	397	5,462	104,672	37.1	93.0	
	Age 15-19	5,647	624	8,800	245,424	23.0	61.4	
Ethnic Group‡								
	Hispanic	15-17	1,096	82	1,206	52,194	21.0	45.7
	18-19	2,121	118	2,013	36,713	57.8	115.8	
	Age 15-19	3,217	200	3,219	88,907	36.2	74.6	
Asian and Pacific Islander	15-17	31	0	77	16,252	1.9	6.6	
	18-19	143	11	185	12,748	11.2	26.6	
	Age 15-19	174	11	262	29,000	6.0	15.4	
Non-Hispanic White	15-17	82	26	171	30,130	2.7	9.3	
	18-19	353	32	390	26,086	13.5	29.7	
	Age 15-19	435	58	561	56,216	7.7	18.7	
Non-Hispanic Black	15-17	529	63	1,615	39,235	13.5	56.3	
	18-19	1,214	139	2,509	26,923	45.1	143.4	
	Age 15-19	1,743	202	4,124	66,158	26.3	91.7	
Borough of Residence								
	Manhattan	15-17	155	26	545	17,790	8.7	40.8
	18-19	428	58	849	20,603	20.8	64.8	
	Age 15-19	583	84	1,394	38,393	15.2	53.7	
Bronx	15-17	579	66	1,000	30,615	18.9	53.7	
	18-19	1,220	90	1,542	21,431	56.9	133.1	
	Age 15-19	1,799	156	2,542	52,046	34.6	86.4	
Brooklyn	15-17	545	74	1,034	45,926	11.9	36.0	
	18-19	1,298	134	1,694	31,424	41.3	99.5	
	Age 15-19	1,843	208	2,728	77,350	23.8	61.8	
Queens	15-17	404	52	628	37,335	10.8	29.0	
	18-19	790	101	1,194	25,342	31.2	82.3	
	Age 15-19	1,194	153	1,822	62,677	19.1	50.6	
Staten Island	15-17	84	9	131	9,086	9.2	24.7	
	18-19	144	14	183	5,872	24.5	58.1	
	Age 15-19	228	23	314	14,958	15.2	37.8	
NYC Events to Non-NYC Residents	15-17	38	15	216	-	N.A.	N.A.	
	18-19	110	36	401	-	N.A.	N.A.	
	Age 15-19	148	51	617	-	N.A.	N.A.	

\* See Technical Notes: Population, Vital Event Rates.

† Includes all events occurring in NYC regardless of residence; other/unknown ethnicities are not presented.

‡ Numbers and rates are limited to events occurring in NYC to NYC residents only; other/unknown ethnicities are not presented.

N.A. Not applicable.

# PREGNANCY OUTCOMES

**Table PO11. Live Births to Teenagers (Age < 20 Years), Overall and by Selected Characteristics, New York City, 2008-2012**

	Year				
	2008	2009	2010	2011	2012
Total Live Births	127,680	126,774	124,791	123,029	123,231
Percent to Teenagers	6.6	6.2	5.9	5.3	4.7
Population* (Female Age 15-19)	267,542	267,521	264,778	251,854	245,424
Birth Rate† (Age 15-19)	31.5	29.2	27.6	25.8	23.6
Births to Teenagers	8,423	7,806	7,309	6,489	5,795
Percent of Births with Specified Characteristics:					
Hispanic	59.6	59.7	59.4	59.0	58.2
Foreign-born Mother	31.2	29.2	29.2	29.1	29.5
First Live Birth	86.2	86.2	86.9	87.4	86.8
< 2,500 grams	10.6	9.8	9.5	10.4	9.9
Preterm‡	10.4	10.0	9.6	9.8	9.7
Prenatal Care in First or Second Trimester of Pregnancy	§	§	85.2	85.9	85.5
Not Married	90.1	90.6	90.8	90.2	90.1
On Medicaid	87.4	88.8	89.5	89.7	88.6
Pre-pregnancy Obesity	15	16	15.2	14.3	14.1
Infant Mortality Rate¶	7.6	8.5	8.1	8.8	6.6

\* For denominator information, see Technical Notes: Population.

† Births to women age < 20 years to per 1,000 female population age 15 to 19.

‡ Clinical gestational age < 37 completed weeks.

§ Due to data quality issue, no prenatal care variables are available for the years of 2008-2009.

|| See Technical Notes: Births, Birth Reporting.

¶ Infant mortality rate per 1,000 live births to teenagers.

# PREGNANCY OUTCOMES

**Table PO12. Live Births to Teenagers (Age < 20 Years) by Selected Characteristics by Community District of Residence, New York City, 2010-2012\***

Community District of Residence	Live Births	Percent of Total Live Births	Percent of Total Live Births with Specified Characteristics								
			Mother's Ancestry Hispanic	Foreign Born Mother	First Live Birth†	Low Birth Weight (<2,500 Grams)	Preterm Birth (<37 Weeks)	Late or No Prenatal Care	Mother Not Married	On Medicaid‡	Exclusive Breast Feeding
NEW YORK CITY	19,593	5.3	58.9	29.2	87.0	9.9	9.7	14.5	90.4	89.3	21.4
MANHATTAN	2,171	3.8	68.5	28.1	87.5	10.5	10.6	12.7	93.8	90.4	23.6
Battery Park, Tribeca (01)	6	0.2	20.0	16.7	100.0	33.3	16.7	33.3	100.0	83.3	0.0
Greenwich Village, SoHo (02)	9	0.4	22.2	22.2	88.9	0.0	11.1	0.0	66.7	77.8	11.1
Lower East Side (03)	205	3.9	70.0	13.2	89.8	9.8	10.7	9.8	92.7	90.1	24.1
Chelsea, Clinton (04)	62	2.2	50.9	12.9	90.3	6.5	8.1	12.1	95.2	87.1	29.5
Midtown Business District (05)	22	1.3	36.4	9.1	86.4	4.5	0.0	10.0	95.5	85.0	27.3
Murray Hill (06)	15	0.4	40.0	13.3	80.0	13.3	6.7	0.0	86.7	100.0	20.0
Upper West Side (07)	124	1.5	59.0	10.5	86.3	12.9	16.1	18.3	96.0	86.2	28.6
Upper East Side (08)	41	0.5	61.5	34.1	82.5	9.8	9.8	20.5	97.6	95.0	24.4
Manhattanville (09)	274	7.1	70.0	36.5	85.4	9.9	8.4	11.5	94.5	88.1	25.0
Central Harlem (10)	383	7.5	33.0	16.2	86.4	11.5	11.0	17.6	93.0	89.6	26.9
East Harlem (11)	460	9.4	72.0	21.7	87.4	12.0	11.5	12.0	95.4	89.7	18.5
Washington Heights (12)	570	7.3	94.7	48.8	88.7	9.5	10.2	10.3	92.6	94.1	23.5
BRONX	6,049	9.7	71.1	26.0	86.8	10.4	9.4	16.2	95.1	89.5	24.3
Mott Haven (01)	604	12.1	77.7	22.2	86.4	10.6	9.9	17.8	96.2	91.0	21.9
Hunts Point (02)	325	11.8	75.1	21.5	83.1	12.6	8.9	19.6	96.0	88.8	20.3
Morrisania (03)	494	11.4	65.5	19.9	85.4	11.7	9.1	17.4	96.2	88.4	18.5
Concourse, Highbridge (04)	811	10.1	76.1	31.4	87.3	9.0	9.5	13.9	94.8	88.9	22.6
University/Morris Heights (05)	766	10.8	75.8	32.9	86.6	9.3	9.4	13.5	94.9	87.5	26.3
East Tremont (06)	530	12.2	74.0	19.3	86.8	13.4	11.7	13.3	96.0	90.7	23.8
Fordham (07)	588	8.3	82.7	33.7	84.0	11.4	10.2	14.4	94.7	91.8	31.0
Riverdale (08)	188	5.3	87.6	29.3	88.3	6.4	6.4	11.3	94.1	86.5	29.3
Unionport, Soundview (09)	687	9.1	71.5	21.5	87.3	10.5	10.0	18.9	94.0	90.5	23.1
Throgs Neck (10)	188	6.4	67.4	18.1	92.0	9.0	9.0	14.4	93.6	86.2	28.3
Pelham Parkway (11)	280	7.1	66.8	25.4	90.0	6.8	6.1	18.5	91.1	91.7	29.4
Williamsbridge (12)	588	10.5	37.3	26.5	88.3	10.7	8.2	20.2	96.8	88.9	23.3
BROOKLYN	6,262	5.0	44.1	28.0	87.0	9.9	10.0	12.9	86.1	91.1	19.2
Williamsburg, Greenpoint (01)	326	3.1	57.8	15.6	92.3	4.9	5.5	15.0	62.0	89.2	28.0
Fort Greene, Brooklyn Heights (02)	137	2.9	31.6	11.7	86.9	10.2	14.0	6.7	95.6	90.5	8.1
Bedford Stuyvesant (03)	608	8.2	33.6	16.0	86.3	11.5	12.3	14.5	91.8	91.6	17.5
Bushwick (04)	536	9.7	81.3	32.8	84.1	8.2	7.8	12.0	94.6	92.5	17.1
East New York (05)	851	10.1	46.1	22.2	86.2	10.6	10.8	12.0	96.5	89.6	14.1
Park Slope (06)	114	2.1	51.8	14.9	86.8	12.3	10.5	8.8	96.5	90.4	18.6
Sunset Park (07)	391	4.3	84.4	44.8	85.7	8.4	7.9	7.7	89.0	94.1	23.8
Crown Heights North (08)	270	6.4	17.6	19.3	89.3	13.7	12.2	14.0	93.7	88.0	16.5
Crown Heights South (09)	207	4.3	17.2	30.9	87.4	10.1	13.0	17.7	95.2	90.5	13.2
Bay Ridge (10)	138	2.6	50.4	44.9	88.4	12.3	11.6	9.5	66.7	92.0	26.3
Bensonhurst (11)	212	2.9	60.8	50.9	86.3	8.0	7.1	10.0	72.6	94.8	18.4
Borough Park (12)	411	2.5	57.6	36.7	88.6	7.1	6.8	6.4	46.7	90.3	30.0
Coney Island (13)	261	7.1	55.0	22.2	83.9	13.8	12.3	11.7	91.2	94.6	14.2
Flatbush, Midwood (14)	345	4.2	45.2	41.4	87.2	9.3	9.9	18.2	84.3	92.4	22.5
Sheepshead Bay (15)	237	3.8	28.7	44.3	88.6	7.2	6.3	14.5	57.8	86.1	29.4
Brownsville (16)	483	11.1	23.4	12.8	85.7	12.2	12.2	16.3	97.5	90.6	17.1
East Flatbush (17)	379	6.1	14.0	34.3	91.3	12.4	9.3	17.3	95.8	92.4	18.3
Canarsie (18)	356	4.9	18.9	26.7	86.2	8.4	11.8	14.2	92.1	90.5	17.9
QUEENS	3,916	4.8	60.1	39.4	87.1	8.7	8.8	16.5	89.9	88.8	18.5
Astoria, Long Island City (01)	258	4.3	64.8	28.3	88.8	7.0	6.6	27.3	91.1	90.2	15.2
Sunnyside, Woodside (02)	143	3.0	84.4	54.5	88.8	7.0	8.4	22.5	89.5	90.1	13.3
Jackson Heights (03)	536	6.4	92.3	59.0	87.3	6.2	9.0	15.0	90.1	95.3	15.7
Elmhurst, Corona (04)	472	5.6	90.8	58.3	85.0	6.4	7.2	17.1	90.7	95.7	15.3
Ridgewood, Glendale (05)	299	4.8	78.5	40.8	88.0	7.7	9.1	14.7	89.3	85.9	23.2
Rego Park, Forest Hills (06)	43	1.1	31.6	60.5	93.0	2.3	0.0	7.0	55.8	83.7	16.3
Flushing (07)	176	2.1	70.9	48.3	87.5	7.4	6.3	13.5	89.8	88.1	27.6
Fresh Meadows, Briarwood (08)	116	2.2	46.8	31.9	88.8	7.8	5.2	19.6	79.3	82.0	26.7
Woodhaven (09)	319	5.6	71.9	39.9	90.0	7.5	9.7	14.3	83.1	90.5	13.8
Howard Beach (10)	220	5.6	47.9	36.4	86.4	9.5	8.2	12.3	87.7	86.1	10.9
Bayside (11)	27	1.3	48.1	29.6	92.6	11.1	14.8	7.7	77.8	55.6	33.3
Jamaica, St. Albans (12)	690	7.7	30.3	27.1	84.9	12.3	9.6	15.1	92.6	86.3	21.1
Queens Village (13)	259	5.1	16.0	28.6	89.6	10.0	9.7	17.9	93.1	81.0	20.8
The Rockaways (14)	358	9.0	31.4	14.8	85.5	12.0	13.1	17.6	96.6	86.3	21.2
STATEN ISLAND	741	4.5	50.8	22.8	85.0	10.5	11.9	8.3	91.5	81.1	20.1
Port Richmond (01)	547	7.3	51.3	22.3	84.8	11.5	12.1	9.1	94.0	83.7	19.9
Willowbrook, South Beach (02)	137	3.2	53.8	28.5	85.4	8.8	10.9	7.3	83.2	75.2	21.9
Tottenville (03)	56	1.2	40.0	14.3	85.7	5.4	12.5	3.6	89.3	71.4	17.9
NEW YORK CITY RESIDENTS	19,139	5.6	59.1	29.5	86.9	9.9	9.7	14.5	90.8	89.6	21.2
NON-RESIDENTS	454	1.6	47.3	18.9	91.2	10.1	10.1	15.2	74.4	73.5	27.3
RESIDENCE UNKNOWN	-	-	-	-	-	-	-	-	-	-	-

Note: Borough totals may be higher than the sum of the community districts, as they may include some live births whose community district could not be determined.

Map of percent of live births to teenagers by community district of residence is presented on page 14 (Map PO3).

\*Three years of data were combined because of the relatively small number of live births per year for teenage mothers.

† See Technical Notes: Births, Birth Data Quality.

‡ Due to revision of the birth certificate, since 2008, "On Medicaid" also includes Family Health Plus, Other government, and Child Health Plus B.



# PREGNANCY OUTCOMES

**Table PO13. Live Births, Spontaneous Terminations, and Induced Terminations of Pregnancy, Overall and by Borough of Residence and Age of Woman, New York City, 2012**

Borough of Residence / Pregnancy Outcome	Total	Age of Woman (Years)								Unknown or Not Stated
		< 15	15-17	18-19	20-24	25-29	30-34	35-39	≥ 40	
<b>NEW YORK CITY</b>	210,560	380	5,221	10,286	46,196	53,089	52,053	32,124	11,206	5
Live Births	123,231	88	1,717	3,990	22,081	31,316	35,629	21,745	6,664	1
Spontaneous Terminations	13,514	19	223	433	2,067	2,856	3,363	2,907	1,645	1
Induced Terminations	73,815	273	3,281	5,863	22,048	18,917	13,061	7,472	2,897	3
<b>MANHATTAN</b>	33,611	55	671	1,335	6,143	7,188	9,331	6,434	2,453	1
Live Births	19,086	9	146	428	2,179	3,456	6,636	4,630	1,602	-
Spontaneous Terminations	2,141	2	24	58	247	362	585	558	305	-
Induced Terminations	12,384	44	501	849	3,717	3,370	2,110	1,246	546	1
<b>BRONX</b>	39,703	106	1,539	2,852	10,887	10,503	7,979	4,294	1,543	0
Live Births	20,044	25	554	1,220	4,973	5,499	4,529	2,420	824	-
Spontaneous Terminations	2,191	4	62	90	459	507	480	370	219	-
Induced Terminations	17,468	77	923	1,542	5,455	4,497	2,970	1,504	500	-
<b>BROOKLYN</b>	68,223	104	1,549	3,126	15,903	17,989	16,174	9,996	3,380	2
Live Births	42,087	22	523	1,298	8,821	11,368	11,186	6,919	1,950	-
Spontaneous Terminations	4,450	5	69	134	772	988	1,057	885	540	-
Induced Terminations	21,686	77	957	1,694	6,310	5,633	3,931	2,192	890	2
<b>QUEENS</b>	44,731	85	999	2,085	9,364	12,027	11,432	6,566	2,173	0
Live Births	26,986	26	378	790	4,564	7,740	7,943	4,292	1,253	-
Spontaneous Terminations	2,933	8	44	101	393	665	746	654	322	-
Induced Terminations	14,812	51	577	1,194	4,407	3,622	2,743	1,620	598	-
<b>STATEN ISLAND</b>	8,054	13	211	341	1,484	2,076	2,242	1,297	390	0
Live Births	5,260	5	79	144	730	1,410	1,723	934	235	-
Spontaneous Terminations	651	-	9	14	74	137	186	150	81	-
Induced Terminations	2,143	8	123	183	680	529	333	213	74	-
<b>NON-RESIDENTS</b>	16,217	17	252	546	2,414	3,301	4,889	3,534	1,263	1
Live Births	9,760	1	37	110	813	1,841	3,609	2,549	800	-
Spontaneous Terminations	1,135	-	15	35	122	194	306	288	174	1
Induced Terminations	5,322	16	200	401	1,479	1,266	974	697	289	-
<b>RESIDENCE UNKNOWN</b>	21	0	0	1	1	5	6	3	4	1
Live Births	8	-	-	-	1	2	3	1	-	1
Spontaneous Terminations	13	-	-	1	-	3	3	2	4	-
Induced Terminations	0	-	-	-	-	-	-	-	-	-

Note: See Technical Notes: Induced and Spontaneous Terminations of Pregnancy.

# PREGNANCY OUTCOMES

**Table PO14. Spontaneous Terminations of Pregnancy by Gestational Age and Age of Woman, New York City, 2012**

Gestational Age (Weeks)	Total	Age of Woman (Years)								Unknown or not stated
		< 15	15-17	18-19	20-24	25-29	30-34	35-39	≥ 40	
Total	14,947	16	241	555	2,446	3,141	3,661	3,110	1,769	8
< 13	12,055	13	182	418	1,943	2,495	2,928	2,555	1,518	3
13-15	812	2	21	35	131	166	188	178	90	1
16-19	910	–	15	44	144	198	248	187	74	–
20-27	760	–	17	41	154	182	185	120	58	3
≥ 28	368	1	6	12	65	89	103	67	24	1
Not Stated	42	–	–	5	9	11	9	3	5	–

Note: See Technical Notes: Induced and Spontaneous Terminations of Pregnancy.

**Table PO15. Selected Characteristics of Spontaneous Terminations of Pregnancy, ≥ 28 Weeks Gestation, Overall and by Age of Woman, New York City, 2012**

	Total	Age of Woman (Years)								Not Stated
		< 15	15-17	18-19	20-24	25-29	30-34	35-39	≥ 40	
Total	379	1	5	20	60	98	86	80	28	1
Sex										
Male	191	–	1	7	26	52	43	41	21	–
Female	174	1	4	9	32	43	40	38	6	1
Undetermined	14	–	–	4	2	3	3	1	1	–
Weight at Delivery (Grams)										
< 500	9	–	–	–	1	1	2	5	–	–
500-999	23	–	1	2	5	7	3	1	4	–
1,000-1,499	47	1	–	3	7	17	10	8	1	–
1,500-1,999	60	–	–	3	8	19	12	16	2	–
2,000-2,499	70	–	–	5	14	14	13	13	11	–
≥ 2,500	152	–	2	7	24	36	43	31	9	–
Not stated	18	–	2	–	1	4	3	6	1	1

Note: See Technical Notes: Induced and Spontaneous Terminations of Pregnancy.

# PREGNANCY OUTCOMES

**Table PO16. Selected Characteristics of Spontaneous Terminations of Pregnancy, ≥ 28 Weeks Gestation, Overall and by Ethnic Group of Woman, New York City, 2012**

	Racial/Ethnic Group of Women							
	Total	Puerto Rican	Other Hispanic	Asian and Pacific Islander	Non-Hispanic White	Non-Hispanic Black	Other	Not Stated
Total	379	14	70	37	104	118	5	31
Sex								
Male	191	3	30	21	57	58	2	20
Female	174	11	36	16	44	55	2	10
Undetermined	14	–	4	–	3	5	1	1
Weight at Delivery (Grams)								
< 500	9	–	1	–	5	2	–	1
500-999	23	1	5	1	2	10	2	2
1,000-1,499	47	1	9	4	9	20	–	4
1,500-1,999	60	4	14	4	14	22	–	2
2,000-2,499	70	3	11	8	20	21	1	6
≥ 2,500	152	5	26	20	47	42	1	11
Not stated	18	–	4	–	7	1	1	5

Note: See Technical Notes: Induced and Spontaneous Terminations of Pregnancy.

**Table PO17. Live Births, Spontaneous Terminations of ≥ 28 Weeks Gestation, and Induced Terminations of Pregnancy by Borough of Residence and Occurrence, New York City, 2012**

Borough of Residence / Pregnancy Outcome	Total	Borough of Occurrence				
		Manhattan	Bronx	Brooklyn	Queens	Staten Island
NEW YORK CITY.	197,425	74,766	27,662	48,917	40,076	6,004
Live Births	123,231	45,351	15,734	32,346	23,992	5,808
Spontaneous Terminations	379	106	68	111	72	22
Induced Terminations	73,815	29,309	11,860	16,460	16,012	174
MANHATTAN	31,502	28,456	1,450	1,068	517	11
Live Births	19,086	18,338	354	265	120	9
Spontaneous Terminations	32	28	2	–	2	–
Induced Terminations	12,384	10,090	1,094	803	395	2
BRONX	37,584	11,893	24,495	483	702	11
Live Births	20,044	5,259	14,441	157	176	11
Spontaneous Terminations	72	11	60	1	–	–
Induced Terminations	17,468	6,623	9,994	325	526	–
BROOKLYN	63,900	17,097	345	41,732	3,562	1,164
Live Births	42,087	10,492	116	29,093	1,231	1,155
Spontaneous Terminations	127	21	–	101	3	2
Induced Terminations	21,686	6,584	229	12,538	2,328	7
QUEENS	41,869	7,719	300	3,171	30,654	25
Live Births	26,986	5,141	106	1,784	19,930	25
Spontaneous Terminations	71	8	–	5	58	–
Induced Terminations	14,812	2,570	194	1,382	10,666	–
STATEN ISLAND	7,425	1,259	40	1,396	166	4,564
Live Births	5,260	301	17	532	29	4,381
Spontaneous Terminations	22	–	–	2	–	20
Induced Terminations	2,143	958	23	862	137	163
NON-RESIDENTS	15,137	8,339	1,030	1,066	4,473	229
Live Births	9,760	5,817	698	514	2,504	227
Spontaneous Terminations	55	38	6	2	9	–
Induced Terminations	5,322	2,484	326	550	1,960	2
RESIDENCE UNKNOWN	8	3	2	1	2	–
Live Births	8	3	2	1	2	–
Spontaneous Terminations	–	–	–	–	–	–
Induced Terminations	–	–	–	–	–	–

Note: See Technical Notes: Induced and Spontaneous Terminations of Pregnancy.

# PREGNANCY OUTCOMES

**Table PO18. Induced Terminations of Pregnancy by Selected Characteristics and Age of Woman, New York City, 2012**

	Total	Age of Woman (Years)								Not Stated
		< 15	15-17	18-19	20-24	25-29	30-34	35-39	≥40	
Induced Termination of Pregnancy, All	73,815	273	3,281	5,863	22,048	18,917	13,061	7,472	2,897	3
Ethnic Group										
Hispanic	22,917	93	1,169	2,095	7,488	5,807	3,707	1,957	600	1
Asian and Pacific Islander	4,493	5	81	207	1,028	1,144	957	706	365	-
Non-Hispanic white	9,704	10	195	465	2,414	2,796	1,958	1,247	619	-
Non-Hispanic black	31,328	134	1,586	2,695	9,490	7,900	5,448	2,993	1,080	2
Other	2,555	18	139	221	884	594	420	203	76	-
Unknown	2,818	13	111	180	744	676	571	366	157	-
Marital Status										
Married	11,961	4	58	185	1,651	3,044	3,351	2,485	1,183	-
Not married	55,474	242	2,923	5,152	18,596	14,294	8,555	4,287	1,423	2
Other/Unknown	6,380	27	300	526	1,801	1,579	1,155	700	291	1
Gestational Age (Weeks)										
≤6	27,690	49	878	1,692	7,851	7,697	5,377	2,922	1,224	-
7 - 8	21,964	60	875	1,640	6,468	5,678	4,013	2,389	838	3
9 - 10	10,040	46	518	927	3,148	2,497	1,642	913	349	-
11 - 12	5,024	30	322	563	1,641	1,131	757	428	152	-
13 - 15	3,652	27	251	406	1,151	807	495	365	150	-
16 - 20	3,594	32	263	410	1,220	730	520	303	116	-
≥21	1,832	29	173	225	567	371	251	151	65	-
Unknown	19	-	1	-	2	6	6	1	3	-
Type of Primary Termination Procedure										
Suction curettage	54,092	175	2,283	4,156	15,994	13,954	9,775	5,640	2,113	2
Sharp curettage / D+C	1,494	3	45	76	319	354	328	240	129	-
Dilatation and evacuation	7,595	78	569	877	2,416	1,612	1,083	680	280	-
Intrauterine instillation	50	-	-	1	3	3	21	16	6	-
Hysterotomy / hysterectomy	7	-	-	-	1	.	2	3	1	-
Medical (non-surgical)	10,488	16	384	748	3,299	2,977	1,831	875	357	1
Other	89	1	-	5	16	17	21	18	11	-

Note: See Technical Notes: Induced and Spontaneous Terminations of Pregnancy.

**Table PO19. Induced Terminations of Pregnancy by Woman's Marital Status, Age, and Ethnic Group, New York City, 2008-2012**

	2008	2009	2010	2011	2012
Marital Status (Percent)					
Married	14.2	14.2	13.6	15.8	16.2
Not married	83.3	83.6	82.5	67.2	75.2
Other/Unknown	2.6	2.2	3.9	17.0	8.6
Age of Woman (Years)					
< 15	457	461	431	317	273
15 - 19	14,276	13,577	12,139	10,985	9,144
20 - 24	25,998	25,365	24,898	24,266	22,048
25 - 29	21,949	21,702	20,707	20,126	18,917
30 - 34	14,459	14,330	14,009	13,809	13,061
35 - 39	8,665	8,324	8,047	7,903	7,472
≥40	3,247	3,176	3,199	3,077	2,897
Unknown	418	338	320	2	3
Ethnic Group					
Hispanic	28,921	28,364	27,112	23,959	22,917
Asian and Pacific Islander	5,557	5,212	4,761	4,308	4,493
Non-Hispanic white	10,451	9,853	9,220	9,550	9,704
Non-Hispanic black	41,857	40,798	38,574	35,188	31,328
Other	396	349	607	3,246	2,555
Unknown	2,287	2,697	3,476	4,234	2,818
Total	89,469	87,273	83,750	80,485	73,815

Note: See Technical Notes: Induced and Spontaneous Terminations of Pregnancy.

# PREGNANCY OUTCOMES

**Table PO20. Most Popular Baby Names by Sex, New York City, Selected Years**

Rank	Girls										
	1898	1928	1948	1980	1990	2000	2005	2009	2010	2011	2012
1	Mary	Mary	Linda	Jennifer	Stephanie	Ashley	Emily	Isabella	Isabella	Isabella	Sophia
2	Catherine	Marie	Mary	Jessica	Jessica	Samantha	Ashley	Sophia	Sophia	Sophia	Isabella
3	Margaret	Annie	Barbara	Melissa	Ashley	Kayla	Kayla	Mia	Olivia	Olivia	Emma
4	Annie	Margaret	Patricia	Nicole	Jennifer	Emily	Sarah	Emily	Emily	Emma	Olivia
5	Rose	Catherine	Susan	Michelle	Amanda	Brianna	Isabella	Olivia	Madison	Mia	Emily
6	Marie	Gloria	Kathleen	Elizabeth	Samantha	Sarah	Samantha	Madison	Mia	Emily	Mia
7	Esther	Helen	Carol	Lisa	Nicole	Jessica	Sophia	Sarah	Emma	Madison	Chloe
8	Sarah	Teresa	Nancy	Christina	Christina	Nicole	Nicole	Ashley	Leah	Leah	Madison
9	Frances	Joan	Margaret	Tiffany	Melissa	Michelle	Olivia	Leah	Sarah	Chloe	Leah
10	Ida	Barbara	Diane	Maria	Michelle	Amanda	Rachel	Emma	Chloe	Sofia	Ava

Rank	Boys										
	1898	1928	1948	1980	1990	2000	2005	2009	2010	2011	2012
1	John	John	Robert	Michael	Michael	Michael	Michael	Jayden	Jayden	Jayden	Jayden
2	William	William	John	David	Christopher	Justin	Daniel	Daniel	Ethan	Jacob	Ethan
3	Charles	Joseph	James	Jason	Jonathan	Christopher	Joshua	Ethan	Daniel	Ethan	Jacob
4	George	James	Michael	Joseph	Anthony	Matthew	David	Michael	Jacob	Daniel	Daniel
5	Joseph	Richard	William	Christopher	David	Daniel	Justin	David	David	Michael	Matthew
6	Edward	Edward	Richard	Anthony	Daniel	Anthony	Matthew	Justin	Justin	Matthew	Michael
7	James	Robert	Joseph	John	Joseph	Joshua	Anthony	Matthew	Michael	Justin	Aiden
8	Louis	Thomas	Thomas	Daniel	Matthew	David	Christopher	Joshua	Matthew	David	David
9	Francis	George	Stephen	Robert	John	Joseph	Joseph	Alexander	Joseph	Aiden	Ryan
10	Samuel	Louis	David	James	Andrew	Kevin	Nicholas	Christopher	Joshua	Alexander	Alexander

\* Tied ranks.

**Table PO 21. Most Popular Baby Names by Sex and Mother's Ethnic Group, New York City, 2012**

Rank	Girls				Boys			
	Hispanic	NH-Black	NH-White	Asian & P.I.	Hispanic	NH-Black	NH-White	Asian & P.I.
1	Isabella	Madison	Emma	Chloe	Jayden	Jayden	Joseph	Ryan
2	Sophia	London	Leah	Sophia	Jacob	Aiden	David	Ethan*
3	Mia	Taylor	Sarah	Olivia	Matthew	Ethan	Michael	Jayden*
4	Emily	Chloe	Olivia*	Emily	Ethan	Jeremiah	Jacob	Lucas
5	Sofia	Abigail	Sophia*	Emma	Angel	Joshua	Moshe	Justin
6	Camila	Kayla	Esther	Isabella	Aiden	Elijah*	Daniel	Eric
7	Ashley	Serenity	Rachel	Angela*	Daniel	Michael*	Alexander	Aiden
8	Madison	Olivia	Chaya	Ella*	Justin	Christian	Benjamin	Muhammad
9	Emma	Nevaeh	Ava	Grace	Alexander	Josiah†	Samuel	Jason
10	Genesis	Aaliyah	Chana	Hailey	Sebastian	Mason†	James	Daniel

\*, † Tied ranks.

NH = non-Hispanic; P.I. = Pacific Islander. Mothers of other, multiple race, or unknown ethnic group not shown.

# PREGNANCY OUTCOMES

**Table PO22. Characteristics of Birth and Pregnancy Outcomes by Neighborhood Poverty\*, New York City, 2003, 2012**

Birth Characteristics	Low (<10%)			Medium (10 to <20%)			High (20 to <30%)			Very High (≥30%)		
	2012	2003	Chg 2003 to 2012 (%)	2012	2003	Chg 2003 to 2012 (%)	2012	2003	Chg 2003 to 2012 (%)	2012	2003	Chg 2003 to 2012 (%)
Births	25,611	22,282	15	30,373	28,371	7	25,741	26,836	-4	31,723	36,265	-13
Population	2,390,191	2,089,989	14	2,414,452	2,250,518	7	1,730,680	1,731,982	0	1,801,375	2,001,789	-10
Birth Rate (per 1,000 population)	10.7	10.7	0.0	12.6	12.6	0.0	14.9	15.5	-3.9	17.6	18.1	-2.8
Preterm Live Births (%)	8.3	9.1	-8.8	8.9	9.1	-2.2	9.0	9.2	-2.2	9.4	10.0	-6.0
Low Birth Weight (%)	7.8	8.1	-3.7	8.2	8.2	0.0	8.1	8.2	-1.2	8.8	9.1	-3.3
Body Mass Indicator‡												
Normal (%)	63.6	-	-	55.8	-	-	50.7	-	-	47.4	-	-
Overweight/Obese (%)	29.9	-	-	38.1	-	-	44.0	-	-	47.0	-	-
C-section (%)**	34.3	31.0	**	33.6	27.4	**	32.5	25.1	**	29.3	23.9	**
Multiple Births (%)	4.9	5.0	-2.0	3.5	3.3	6.1	2.9	2.8	3.6	2.9	2.7	7.4
Breastfed Only (%)‡	40.6	-	-	32.1	-	-	27.9	-	-	24.8	-	-
Late or No Prenatal Care	4.3	3.7	16.2	7.2	7.1	1.4	8.2	7.7	6.5	8.5	7.7	10.4
Foreign Born (%)	45.1	40.6	11.1	60.4	64.4	-6.2	59.7	63.6	-6.1	45.5	48.2	-5.6

\*Birth with missing census tracts are excluded. New York City resident births only.

† Summary of Vital Statistics 2012, Appendix B. Technical Notes. Neighborhood Poverty. Neighborhood poverty (based on census tract) defined as percent of residents with incomes below 100% of the Federal Poverty Level, per Census 2010.

‡Prior to 2008, data needed to compute these variables were not collected on the New York City certificate of birth.

\*\* 2003 C-section data is not comparable to 2012 due to 2008 birth certificate revisions. Historical Technical Notes: Births.

# PREGNANCY OUTCOMES

**Table PO23. Pregnancy Outcomes, Pregnancy Outcome Rates\*, and Pregnancy Rates\* by Mother's Age Group, Racial/Ethnic Group, and Borough of Residence, New York City, 2012**

	Age of Woman	Live Births		Spontaneous Terminations		Induced Terminations		Pregnancy Rates per 1,000
		Counts <sup>†</sup>	Rates per 1,000	Counts <sup>†</sup>	Rates per 1,000	Counts <sup>†</sup>	Rates per 1,000	
New York City <sup>‡</sup>	15-19	5,795	23.6	675	2.8	9,417	38.4	64.7
	20-29	53,397	73.9	4,923	6.8	40,965	56.7	137.5
	30-39	57,374	87.1	6,270	9.5	20,533	31.2	127.8
	40-49	6,664	11.4	1,645	2.8	2,897	4.9	19.1
	Total	123,231	14.8	13,514	7.0	73,815	38.4	109.6
<b>Ethnic Group<sup>§</sup></b>								
Hispanic	15-19	3,281	36.9	208	2.3	3,357	37.8	77.0
	20-29	18,860	91.9	1,248	6.1	13,295	64.8	162.7
	30-39	13,154	71.1	1,225	6.6	5,664	30.6	108.3
	40-49	1,347	8.0	270	1.6	600	3.6	13.1
	Total	36,642	15.2	2,951	5.2	22,917	40.6	110.7
Asian and Pacific Islander	15-19	177	6.1	11	0.4	293	10.1	16.6
	20-29	8,872	85.6	333	3.2	2,172	20.9	109.7
	30-39	11,115	105.4	563	5.3	1,663	15.8	126.5
	40-49	985	11.0	111	1.2	365	4.1	16.3
	Total	21,149	18.8	1,018	3.6	4,493	15.8	93.8
Non-Hispanic White	15-19	477	8.5	71	1.3	670	11.9	21.7
	20-29	13,230	54.3	853	3.5	5,210	21.4	79.2
	30-39	22,486	104.0	1,676	7.8	3,205	14.8	126.6
	40-49	2,919	17.7	449	2.7	619	3.8	24.2
	Total	39,112	14.2	3,049	5.1	9,704	16.1	86.2
Non-Hispanic Black	15-19	1,778	26.9	216	3.3	4,415	66.7	96.9
	20-29	11,812	76.0	1,392	9.0	17,390	111.8	196.8
	30-39	9,846	70.3	1,430	10.2	8,441	60.3	140.9
	40-49	1,322	8.6	408	2.7	1,080	7.1	18.4
	Total	24,758	13.0	3,446	7.9	31,328	72.0	136.9
<b>Borough of Residence<sup>¶</sup></b>								
Manhattan	15-19	583	15.2	84	2.2	1,394	36.3	53.7
	20-29	5,635	31.7	609	3.4	7,087	39.8	74.9
	30-39	11,266	76.9	1,143	7.8	3,356	22.9	107.6
	40-49	1,602	14.9	305	2.8	546	5.1	22.8
	Total	19,086	11.8	2,141	5.1	12,384	29.6	80.2
Bronx	15-19	1,799	34.6	156	3.0	2,542	48.8	86.4
	20-29	10,472	90.0	966	8.3	9,952	85.6	183.9
	30-39	6,949	68.0	850	8.3	4,474	43.8	120.1
	40-49	824	8.1	219	2.1	500	4.9	15.1
	Total	20,044	14.2	2,191	6.8	17,468	54.4	123.7
Brooklyn	15-19	1,843	23.8	208	2.7	2,728	35.3	61.8
	20-29	20,189	90.9	1,760	7.9	11,943	53.8	152.6
	30-39	18,105	87.8	1,942	9.4	6,123	29.7	126.9
	40-49	1,950	11.1	540	3.1	890	5.1	19.3
	Total	42,087	16.4	4,450	7.5	21,686	36.5	114.7
Queens	15-19	1,194	19.1	153	2.4	1,822	29.1	50.6
	20-29	12,304	70.5	1,058	6.1	8,029	46.0	122.5
	30-39	12,235	70.8	1,400	8.1	4,363	25.2	104.1
	40-49	1,253	7.6	322	2.0	598	3.6	13.2
	Total	26,986	11.9	2,933	6.0	14,812	30.1	90.8
Staten Island	15-19	228	15.2	23	1.5	314	21.0	37.8
	20-29	2,140	68.7	211	6.8	1,209	38.8	114.3
	30-39	2,657	86.6	336	11.0	546	17.8	115.4
	40-49	235	6.6	81	2.3	74	2.1	11.0
	Total	5,260	11.2	651	6.9	2,143	22.8	85.6

Note: Population data used to calculate rates are 2012 estimates based on the 2010 census. See Technical Notes: Population.

\*See Technical Notes: Population, Vital Event Rates

†Counts for females age 15 to 19 are the number of events to females age <20; counts for females age 40 to 49 are the number of events to females age 40 and over.

‡See Technical Notes: Vital Event Rates

§Includes all events occurring in NYC regardless of residence.

¶Other/unknown ethnicities are excluded.

‡Numbers and rates are limited to events occurring in NYC to NYC residents only.

# SPECIAL SECTION

## Characteristics of Hurricane Sandy Deaths, 2012

	All Deaths	Percent
<b>Total</b>	44	100.0%
<b>Sex</b>		
Male	31	70.5%
Female	13	29.5%
<b>Age</b>		
< 20 years	4	9.1%
21-54 years	9	20.5%
55-75 years	20	45.5%
> 75 years	11	25.0%
<b>Race/Ethnicity</b>		
Non-Hispanic White	35	79.5%
Non-Hispanic Black	7	15.9%
Asian & Pacific Islanders	1	2.3%
Hispanic	1	2.9%
<b>Education</b>		
< High School	6	17.1%
High School Graduate	17	38.6%
Some College/Graduate	21	47.7%
<b>Date of Hurricane Sandy Death*</b>		
October 29, 2012	2	4.5%
October 30, 2012	26	59.1%
October 31, 2012	5	11.4%
November 1, 2012	5	11.4%
November 2-9, 2012	6	13.6%

\*Most dates of death are actual. Others are the date when the body was discovered or estimated based on the Office of the Chief Medical Examiner investigation.