SUMMARY OF VITAL STATISTICS 2014
THE CITY OF NEW YORK

The Conquest of Pestilence in New York City

...As Shown by the Death Rate as Recorded in the Official Records of the Department of Health and Mental Hygiene.

Bill de Blasio, Mayor   Mary T. Bassett, MD, MPH, Commissioner

SUMMARY OF VITAL STATISTICS 2014
THE CITY OF NEW YORK

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Dear Fellow New Yorker:

Each year, the New York City Department of Health and Mental Hygiene's *Summary of Vital Statistics* presents data on important health indicators, such as premature mortality, life expectancy, infant mortality, and leading causes of death, which are used to monitor the health of New Yorkers, track our progress, and prioritize areas that need additional attention.

The life expectancy of New Yorkers continues to increase and mortality rates continue to fall. Although these trends are seen across racial/ethnic groups and neighborhoods, disparities still exist. For example, there are neighborhoods where life expectancy is at least 10 years less than other neighborhoods just a few miles away. Addressing these persistent disparities is core to the Agency's mission of providing all New Yorkers with the opportunity to live long and healthy lives.

Highlights from our 2014 report, which begins on the next page, include:

- Citywide, life expectancy is 81.1 years, representing a two year, one month increase since 2004.
- Overall, life expectancy in NYC remains higher than in the US, which was 78.8 in 2013. In NYC, Non-Hispanic blacks have the lowest life expectancy among racial/ethnic groups at 77.3 years while Hispanics have the highest, at 82.3 years.
- Life expectancy also varies by community district. Residents of Battery Park have the longest life expectancy (85.9) whereas residents of Brownsville have the shortest life expectancy (74.4).
- From 2005 to 2014, all-cause age-adjusted death rates declined 18.9% to 580.4 deaths per 100,000 population. Declines were seen for each racial/ethnic group: 20.2% among non-Hispanic blacks, 16.9% among non-Hispanic whites, 16.6% among Hispanics, and 12.5% among Asians and Pacific Islanders.
- New York City's age-adjusted premature death (age <65 years) also declined 21.2% since 2005. Decreases are evident among all racial ethnic groups.
- The 2014 infant mortality rate has reached a historic low of 4.2 infant deaths per 1,000 live births, a 30.0% decline from 6.0 in 2005 and a 8.7% decline from 4.6 in 2012. However, among non-Hispanic black New Yorkers, the infant mortality rate is 2.9 times higher than among non-Hispanic whites, an increase since 2005.
- For the first time since 2007, the citywide crude birth rate increased, rising to 14.4 births per 1,000. This represents a 0.7% increase from 2013.

We share these data with you to raise awareness of the most fundamental vital events that describe the health of New Yorkers, and to track our progress in advancing the health of all New Yorkers.

Sincerely,

Mary T. Bassett, MD, MPH
Commissioner

KEY FINDINGS

- New York City's 2013 life expectancy at birth was 81.1 years (preliminary data for latest year available), a 2.1 year (two year, one month) increase since 2004 (page 8).

- New York City's 2014 age-adjusted death rate was 5.8 deaths per 1,000 population, with 53,034 deaths in 2014, reflecting a statistically significant decrease of 2.5% since 2013. This was an 18.9% decline from 2005 (page 10).

- Age-adjusted all-cause death rates decreased across all racial/ethnic groups from 2005 to 2014, narrowing the non-Hispanic black and non-Hispanic white gap by 39.9% and indicating some reduction in racial/ethnic health disparities (page 10).

- Heart disease, cancer, and influenza/pneumonia continue to rank as the three leading causes of death in 2014; crude death rates for all three declined since 2005, down 30.8%, 5.1%, and 28.1%, respectively (page 12).

- New York City's 2014 age-adjusted premature death rate (age <65 years) was 186 per 100,000, a 21.2% decline since 2005. Decreases were evident among all racial ethnic groups, narrowing the non-Hispanic black and non-Hispanic white gap by 30.5% and indicating some reduction in racial/ethnic health disparities (page 16).

- The three leading causes of premature death (age <65 years) in 2014 were cancer, heart disease, and drug use/poisoning. Respective crude premature death rates declined 12.2%, 20.5%, and 8.1% since 2005 (page 18).

- New York City's 2014 infant mortality rate reached a historic low of 4.2 infant deaths per 1,000 live births, a 30.0% decline from 6.0 in 2005 and a 8.7% decline from 4.6 in 2013. The Healthy People 2020 goal of 6.0 was met in 2005. However, Puerto Rican and non-Hispanic black New Yorkers have infant mortality rates that are nearly twice the citywide rate (page 22).

- From 2005 to 2014, the infant mortality rate increased 13.4% among Puerto Ricans. It declined 22.7% among non-Hispanic blacks, 29.7% among Asian and Pacific Islanders, 45.8% among non-Hispanic whites, and 10.9% among other Hispanics (page 23).

- New York City's 2014 crude birth rate was 14.4 births per 1,000 population, a 0.7% increase since 2013. The rate decreased 5.9% from 15.3 births per 1,000 population in 2005 (page 28).

- In 2014, the teen birth rate continued its steady decline to a new low of 19.4 births per 1,000 females age 15-19 years, representing a 41.0% decline since 2005. Decreasing rates among all racial/ethnic groups resulted in a 53.3% narrowing of the non-Hispanic black and non-Hispanic white gap, indicating some reduction in racial/ethnic disparities (page 32).

LIFE EXPECTANCY

Figure 1. Life Expectancy at Birth, Overall and by Sex, New York City, 2004–2013
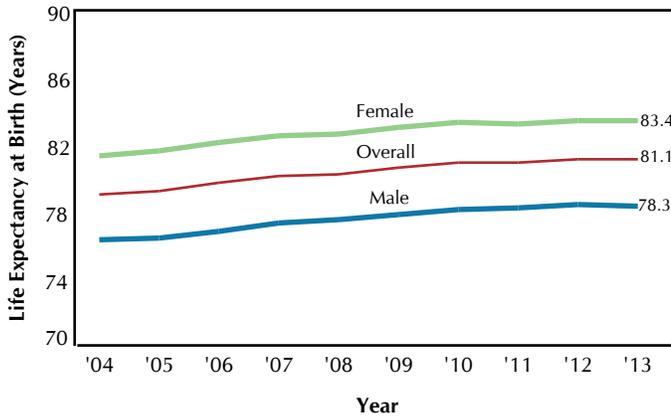
- New York City's 2013 life expectancy at birth was 81.1 years (preliminary data for latest year available), a 2.1 year (two year, one month) increase since 2004.

- Among males, this reflects a 2.0 year increase to 78.3 years, and among females, a 2.1 year increase to 83.4 years since 2004.

- The New York City 2013 life expectancy at birth was 82.3 years among Hispanics, 81.1 years among non-Hispanic whites, and 77.3 years among non-Hispanic blacks.

- From 2004 to 2013, life expectancy increased 1.7 years for Hispanics, 1.7 years for non-Hispanics whites, and 2.8 years for non-Hispanic blacks. From 2012 to 2013, life expectancy increased approximately 1 month for Hispanics and non-Hispanic blacks but decreased 2 months for non-Hispanic whites.

Figure 2. Life Expectancy at Birth by Racial/Ethnic* Group, New York City, 2004–2013
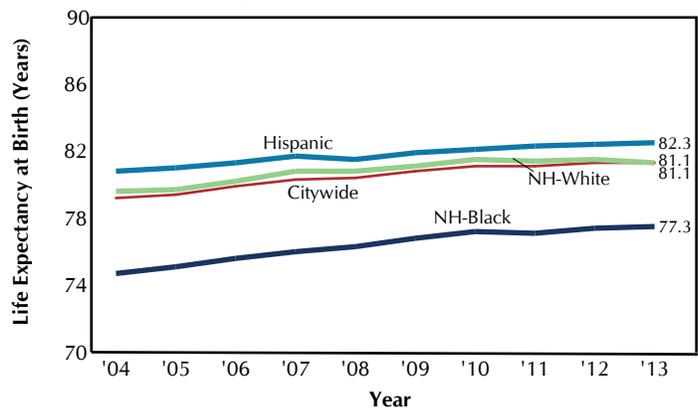
*Life expectancy among Asians and Pacific Islanders is not displayed because the required single year age population denominators are too small to produce reliable estimates (Appendix B, Technical Notes: Population, Life Expectancy).

Figure 3. Life Expectancy at Birth by Neighborhood Poverty, New York City, 2004 and 2013
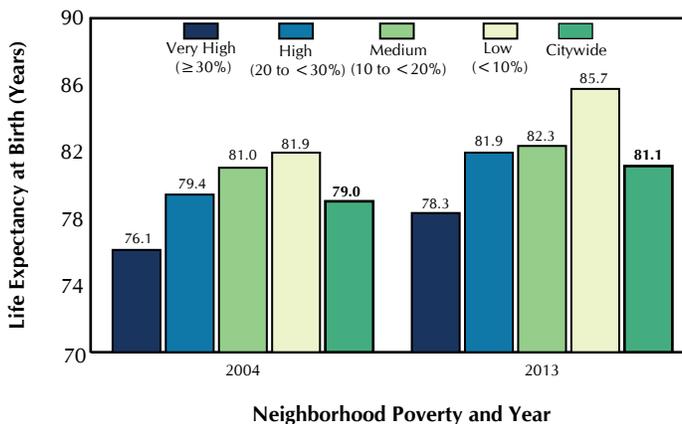
- Life expectancy has increased across all categories of neighborhood poverty between 2004 and 2013. For very high poverty areas, life expectancy has increased by 2.2 years as compared to 3.8 years for low poverty areas.

- The difference in life expectancy between very high and low poverty areas in 2013 was 7.4 years as compared to 5.8 in 2004, indicating a widening income-related health disparity.

LIFE EXPECTANCY

Figure 4. Life Expectancy at Birth by Community Districts, New York City, 2004-2013

Life Expectancy at Birth

- 74.4 - 78.3
- 78.4 - 80.5
- 80.6 - 81.9
- 82.0 - 83.8
- 83.9 - 85.9
- *DPHO Neighborhood*
- *Parks & Airports*

Source: Bureau of Vital Statistics, based on events occurring in 2004 - 2013.

- In 2013, New York City's life expectancy at birth was the highest in Battery Park/Tribeca at 85.9 years, followed by 85.6 years in Murray Hill, 85.4 years in the Upper East Side, 85.0 years in Greenwich Village/SOHO, and 84.9 years in Elmhurst/Corona.

- In 2013, life expectancy at birth was lowest in Brownsville at 74.4 years, followed by 75.6 years in Bedford Stuyvesant, Central Harlem, and Morrisania, and 76.1 years in The Rockaways.

Life Expectancy at Birth by Community District (CD) of Residence, New York City, 2004-2013

CD	MANHATTAN	Life Expectancy at birth	CD	BRONX	Life Expectancy at birth	CD	BROOKLYN	Life Expectancy at birth	CD	QUEENS	Life Expectancy at birth
MN01	Battery Park, Tribeca	85.9	BX01	Mott Haven	76.7	BK01	Williamsburg, Greenpoint	80.3	QN01	Astoria, Long Island City	82.9
MN02	Greenwich Village, SOHO	85.0	BX02	Hunts Point	78.3	BK02	Fort Green, Brooklyn Heights	79.8	QN02	Sunnyside, Woodside	84.5
MN03	Lower East Side	81.4	BX03	Morrisania	75.6	BK03	Bedford Stuyvesant	75.6	QN03	Jackson Heights	84.1
MN04	Chelsea, Clinton	82.3	BX04	Concourse, Highbridge	77.5	BK04	Bushwick	79.1	QN04	Elmhurst, Corona	84.9
MN05	Midtown Business District	83.9	BX05	University /Morris Heights	79.3	BK05	East New York	78.0	QN05	Ridgewood, Glendale	81.1
MN06	Murray Hill	85.6	BX06	East Tremont	77.0	BK06	Park Slope	80.6	QN06	Rego Park, Forest Hills	84.2
MN07	Upper West Side	84.2	BX07	Fordham	79.0	BK07	Sunset Park	81.9	QN07	Flushing	83.8
MN08	Upper East Side	85.4	BX08	Riverdale	80.7	BK08	Crown Heights North	78.2	QN08	Fresh Meadows, Briarwood	83.5
MN09	Manhattanville	80.7	BX09	Unionport, Soundview	79.1	BK09	Crown Heights South	80.3	QN09	Woodhaven	82.4
MN10	Central Harlem	75.6	BX10	Throgs Neck	80.7	BK10	Bay Ridge	82.6	QN10	Howard Beach	81.4
MN11	East Harlem	76.6	BX11	Pelham Parkway	79.5	BK11	Bensonhurst	83.2	QN11	Bayside	84.3
MN12	Washington Heights	83.5	BX12	Williamsbridge	80.5	BK12	Borough Park	83.8	QN12	Jamaica, St. Albans	79.7
						BK13	Coney Island	80.2	QN13	Queens Village	82.5
CD	STATEN ISLAND					BK14	Flatbush, Midwood	81.9	QN14	The Rockaways	76.1
SI01	Port Richmond	78.5				BK15	Sheepshead Bay	83.4			
SI02	Willowbrook, South Beach	80.7				BK16	Brownsville	74.4			
SI03	Tottenville	81.2				BK17	East Flatbush	82.4			
						BK18	Canarsie	81.7			

CITYWIDE MORTALITY

Figure 5. Age-adjusted Death Rates, Overall and by Sex, New York City, 2005–2014

- The citywide age-adjusted death rates declined by 2.5% between 2013 and 2014. In the past 10 years, the rate has decreased by 18.9%.

- From 2005 to 2014, age-adjusted all-cause death rates declined 18.0% among males and 20.2% among females.

- Age-adjusted all-cause death rates declined among all racial/ethnic groups from 2005 to 2014: 20.2% among non-Hispanic blacks, 16.9% among non-Hispanic whites, 16.6% among Hispanics, and 12.5% among Asians and Pacific Islanders.

- The gap between non-Hispanic blacks and non-Hispanic whites continues to close. In 2014, the difference of age-adjusted death rate was 73.2 per 100,000 population as compared to 88.2 in 2013.

Figure 6. Age-adjusted Death Rates by Racial/Ethnic Group, New York City, 2005–2014
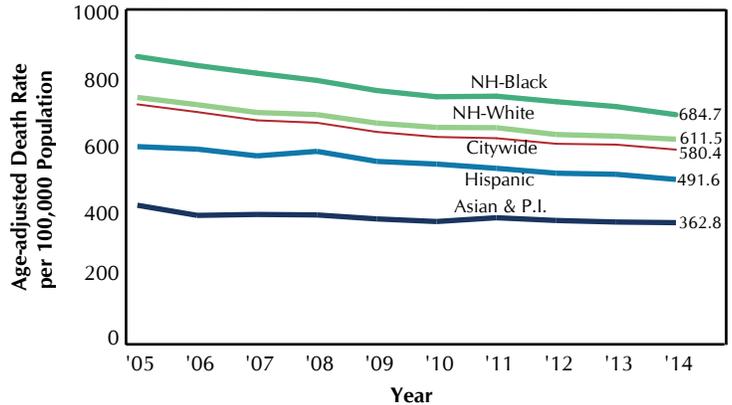
Figure 7. Age-adjusted Death Rates by Neighborhood Poverty, New York City Residents, 2005 and 2014
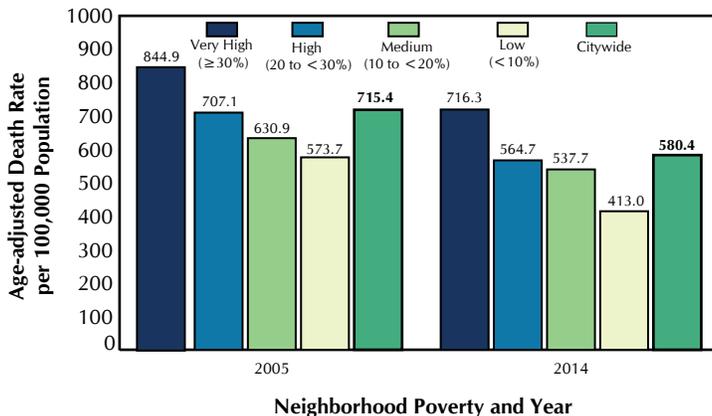
- Since 2005, the age-adjusted death rate has decreased across all categories of neighborhood poverty with a 15.2% decrease for the very high poverty areas and a 28.0% decrease for the low poverty areas.

- The age-adjusted all-cause death rate was 1.7 times greater in areas with very high poverty compared to areas with low poverty in 2014 as compared to 1.5 times in 2005.

NEIGHBORHOOD MORTALITY

Figure 8. Age-adjusted Death Rates by Community District of Residence, New York City, 2014

Age-adjusted Death Rate Per 1,000 Population

- 6.7 - 8.1
- 5.8 - 6.6
- 5.2 - 5.7
- 4.5 - 5.1
- 3.5 - 4.4
- *DPHO Neighborhood*
- *Parks & Airports*

Citywide average: 5.8

Source: Bureau of Vital Statistics, based on events occurring in 2014.
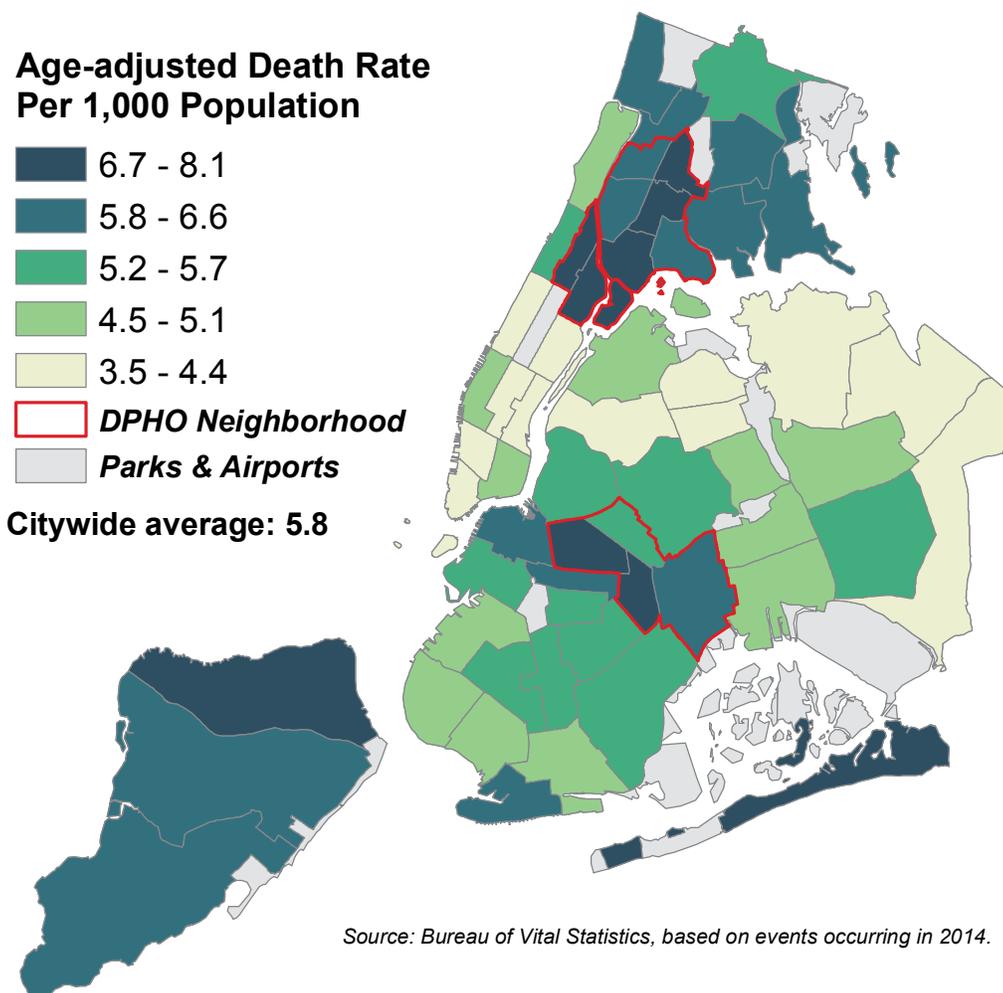
- In 2014, New York City's age-adjusted death rate was the highest in Morrisania at 8.1 deaths per 1,000 population, followed by 8.0 in Brownsville, 7.8 in both Central Harlem and East Harlem, and 7.6 in East Tremont.

- In 2014, age-adjusted death rate was lowest in Bayside at 3.5 deaths per 1,000 population, followed by 3.6 in Greenwich Village/SOHO, 3.8 in Elmhurst/Corona, 3.9 in Murray Hill, and 4.0 in both Midtown Business District and Queens Village.

Age-adjusted Death Rates per 1,000 Population by Community District (CD) of Residence, New York City, 2014

CD	MANHATTAN	Age-adjusted Death Rates	CD	BRONX	Age-adjusted Death Rates	CD	BROOKLYN	Age-adjusted Death Rates	CD	QUEENS	Age-adjusted Death Rates
MN01	Battery Park, Tribeca	4.3	BX01	Mott Haven	6.9	BK01	Williamsburg, Greenpoint	5.4	QN01	Astoria, Long Island City	4.9
MN02	Greenwich Village, SOHO	3.6	BX02	Hunts Point	6.1	BK02	Fort Green, Brooklyn Heights	6.0	QN02	Sunnyside, Woodside	4.1
MN03	Lower East Side	5.1	BX03	Morrisania	8.1	BK03	Bedford Stuyvesant	7.0	QN03	Jackson Heights	4.2
MN04	Chelsea, Clinton	4.9	BX04	Concourse, Highbridge	6.6	BK04	Bushwick	5.4	QN04	Elmhurst, Corona	3.8
MN05	Midtown Business District	4.0	BX05	University /Morris Heights	5.9	BK05	East New York	6.6	QN05	Ridgewood, Glendale	5.5
MN06	Murray Hill	3.9	BX06	East Tremont	7.6	BK06	Park Slope	5.4	QN06	Rego Park, Forest Hills	4.6
MN07	Upper West Side	4.4	BX07	Fordham	6.6	BK07	Sunset Park	5.0	QN07	Flushing	4.3
MN08	Upper East Side	4.1	BX08	Riverdale	6.2	BK08	Crown Heights North	5.9	QN08	Fresh Meadows, Briarwood	4.6
MN09	Manhattanville	5.6	BX09	Unionport, Soundview	6.3	BK09	Crown Heights South	5.7	QN09	Woodhaven	4.5
MN10	Central Harlem	7.8	BX10	Throgs Neck	5.9	BK10	Bay Ridge	5.1	QN10	Howard Beach	5.0
MN11	East Harlem	7.8	BX11	Pelham Parkway	6.2	BK11	Bensonhurst	4.8	QN11	Bayside	3.5
MN12	Washington Heights	4.8	BX12	Williamsbridge	5.2	BK12	Borough Park	5.2	QN12	Jamaica, St. Albans	5.4
						BK13	Coney Island	6.2	QN13	Queens Village	4.0
CD	STATEN ISLAND					BK14	Flatbush, Midwood	5.4	QN14	The Rockaways	7.5
SI01	Port Richmond	6.7				BK15	Sheepshead Bay	5.1			
SI02	Willowbrook, South Beach	5.9				BK16	Brownsville	8.0			
SI03	Tottenville	6.0				BK17	East Flatbush	5.2			
						BK18	Canarsie	5.4			

LEADING CAUSES OF DEATH

Table 1. Ten Leading Causes of Death, Crude Death Rates per 100,000 Population, New York City, 2014, 2013, and 2005

Cause	2014		2013			2005		
	Rank	Crude Death Rate	Rank	Crude Death Rate	Change to 2014 (%)	Rank	Crude Death Rate	Change to 2014 (%)
Diseases of Heart*	1	194.5	1	199.4	-2.5%	1	281.1	-30.8%
Malignant Neoplasms	2	157.6	2	159.0	-0.9%	2	166.1	-5.1%
Influenza and Pneumonia	3	26.1	3	29.4	-11.2%	3	36.3	-28.1%
Chronic Lower Respiratory Diseases	4	21.5	5	21.9	-1.8%	6	19.6	9.7%
Diabetes Mellitus	5	21.2	4	21.9	-3.2%	4	22.5	-5.8%
Cerebrovascular Diseases	6	21.0	6	20.3	3.4%	5	20.5	2.4%
Accidents Except Drug Poisoning	7	12.1	8	12.3	-1.6%	8	14.4	-16.0%
Essential Hypertension and Renal Diseases	8	11.7	7	12.6	-7.1%	10	9.5	23.2%
Use of or Poisoning by Psychoactive Substance†	9	10.5	9	10.4	1.0%	9	11.3	-7.1%
Alzheimer's Disease	10	9.3	10	8.8	5.7%	20	3.3	181.8%

*See the *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.

†Appendix B Technical Notes: Drug-Related Deaths.

- Heart disease, malignant neoplasms (cancer), and influenza/pneumonia continued to rank as the three leading causes of death; crude death rates for all three declined since 2005, down 30.8%, 5.1%, and 28.1%, respectively.

- Chronic Lower Respiratory Diseases ranked fourth at 21.5 deaths per 100,000 population, up 9.7% since 2005 but 1.8% lower than in 2013; followed by Diabetes Mellitus, which ranked fifth, at 21.2 deaths per 100,000 population, down 5.8% since 2005; and cerebrovascular diseases (mostly stroke), sixth, at 21.0 deaths per 100,000 population, up 2.4% since 2005. The rate of essential hypertension and hypertensive renal disease death shifted from seventh to eighth and increased 23.2% from 2005 to 2014. Most of that increase occurred prior to 2009, and rates have decreased by 7.1% since 2013.

- Use of or poisoning by psychoactive substance (drug-related deaths) ranked ninth, up 1.0%, since 2013 but down 7.1% since 2005.

- Alzheimer's disease again ranked tenth among the top ten leading causes, at 9.3 deaths per 100,000 population, up 181.8% since 2005. The sharp increase in Alzheimer's disease occurred since 2008, coinciding with efforts to improve cause of death reporting accuracy in New York City.*

LEADING CAUSES OF DEATH

Table 2. Leading Causes of Death by Age Group and Sex, New York City, 2014

Rank	ALL AGES	All Deaths	All Percent	Male Deaths	Male Percent	Female Deaths	Female Percent
1	Diseases of Heart	16,517	31.1	7,961	30.5	8,556	31.8
2	Malignant Neoplasms	13,380	25.2	6,602	25.3	6,778	25.2
3	Influenza and Pneumonia	2,220	4.2	1,073	4.1	1,147	4.3
4	Chronic Lower Respiratory Diseases	1,827	3.4	845	3.2	982	3.6
5	Diabetes Mellitus	1,798	3.4	893	3.4	905	3.4
6	Cerebrovascular Diseases	1,787	3.4	745	2.9	1,042	3.9
7	Accidents Except Poisoning by Psychoactive Substance	1,026	1.9	669	2.6	357	1.3
8	Essential Hypertension and Hypertensive Renal Disease	991	1.9	451	1.7	540	2.0
9	Use of or Poisoning by Psychoactive Substance	893	1.7	655	2.5	238	0.9
10	Alzheimer's Disease	789	1.5	215	0.8	574	2.1
	All Other Causes	11,806	22.3	5,981	22.9	5,825	21.6
	Total	53,034	100.0	26,090	100.0	26,944	100.0

Rank	< 1 YEAR	Deaths	Percent	Deaths	Percent	Deaths	Percent
1	Short Gestation and Low Birthweight	116	22.5	65	22.6	51	22.4
2	Congenital Malformations, Deformations	99	19.2	50	17.4	49	21.5
3	Cardiovascular Disorders Originating in the Perinatal Period	53	10.3	35	12.2	18	7.9
4	External Causes	47	9.1	27	9.4	20	8.8
5	Respiratory Distress of Newborn	14	2.7	5	1.7	9	3.9
5	Other Respiratory Conditions Originating in the Perinatal Period	14	2.7	5	1.7	9	3.9
7	Newborn Affected by Complications of Pregnancy	12	2.3	8	2.8	4	1.8
8	Bacterial Sepsis of Newborn	9	1.7	3	1.0	6	2.6
8	Newborn Affected by Complications of Placenta	9	1.7	5	1.7	4	1.8
8	Necrotizing Enterocolitis Of Newborn	9	1.7	2	0.7	7	3.1
	All Other Causes	134	26.0	83	28.8	51	22.4
	Total	516	100.0	288	100.0	228	100.0

Rank	1 - 14 YEARS	Deaths	Percent	Deaths	Percent	Deaths	Percent
1	Malignant Neoplasms	41	18.9	26	20.5	15	16.7
2	Accidents Except Poisoning by Psychoactive Substance	27	12.4	20	15.7	7	7.8
3	Congenital Malformations, Deformations	25	11.5	13	10.2	12	13.3
4	Assault (Homicide)	17	7.8	9	7.1	8	8.9
5	Chronic Lower Respiratory Diseases	16	7.4	9	7.1	7	7.8
6	Diseases of Heart	7	3.2	1	0.8	6	6.7
6	Cerebrovascular Diseases	7	3.2	5	3.9	2	2.2
	All Other Causes	77	35.5	44	34.6	33	36.7
	Total	217	100.0	127	100.0	90	100.0

Rank	15 - 24 YEARS	Deaths	Percent	Deaths	Percent	Deaths	Percent
1	Assault (Homicide)	105	21.3	94	26.5	11	8.0
2	Accidents Except Poisoning by Psychoactive Substance	62	12.6	44	12.4	18	13.0
3	Intentional Self-harm (Suicide)	58	11.8	40	11.3	18	13.0
4	Use of or Poisoning by Psychoactive Substance	52	10.5	39	11.0	13	9.4
5	Malignant Neoplasms	47	9.5	32	9.0	15	10.9
6	Diseases of Heart	27	5.5	20	5.6	7	5.1
7	Congenital Malformations, Deformations	19	3.9	10	2.8	9	6.5
8	Chronic Lower Respiratory Diseases	11	2.2	5	1.4	6	4.3
9	Human Immunodeficiency Virus (HIV) Disease	9	1.8	7	2.0	2	1.4
10	Cerebrovascular Diseases	7	1.4	5	1.4	2	1.4
	All Other Causes	96	19.5	59	16.6	37	26.8
	Total	493	100.0	355	100.0	138	100.0

Rank	25 - 34 YEARS	Deaths	Percent	Deaths	Percent	Deaths	Percent
1	Use of or Poisoning by Psychoactive Substance	173	18.4	125	19.6	48	15.9
2	Intentional Self-harm (Suicide)	121	12.9	88	13.8	33	11.0
3	Malignant Neoplasms	119	12.7	60	9.4	59	19.6
4	Accidents Except Poisoning by Psychoactive Substance	88	9.4	73	11.5	15	5.0
5	Assault (Homicide)	79	8.4	69	10.8	10	3.3
6	Diseases of Heart	62	6.6	44	6.9	18	6.0
7	Human Immunodeficiency Virus (HIV) Disease	28	3.0	17	2.7	11	3.7
8	Diabetes Mellitus	25	2.7	16	2.5	9	3.0
9	Pregnancy, Childbirth, and the Puerperium	19	2.0	-	-	19	6.3
10	Chronic Lower Respiratory Diseases	15	1.6	9	1.4	6	2.0
	All Other Causes	209	22.3	136	21.4	73	24.3
	Total	938	100.0	637	100.0	301	100.0

Continued on next page.

LEADING CAUSES OF DEATH

Table 2. Leading Causes of Death by Age Group and Sex, New York City, 2014 (Continued)

Rank	35 - 44 YEARS	All Deaths	All Percent	Male Deaths	Male Percent	Female Deaths	Female Percent
1	Malignant Neoplasms	343	22.0	140	14.3	203	34.8
2	Diseases of Heart	211	13.5	152	15.5	59	10.1
3	Use of or Poisoning by Psychoactive Substance	174	11.1	136	13.9	38	6.5
4	Intentional Self-harm (Suicide)	90	5.8	67	6.9	23	3.9
5	Accidents Except Poisoning by Psychoactive Substance	83	5.3	68	7.0	15	2.6
6	Human Immunodeficiency Virus (HIV) Disease	60	3.8	33	3.4	27	4.6
7	Chronic Liver Disease and Cirrhosis	56	3.6	40	4.1	16	2.7
8	Diabetes Mellitus	54	3.5	29	3.0	25	4.3
9	Assault (Homicide)	53	3.4	48	4.9	5	0.9
10	Cerebrovascular Diseases	48	3.1	31	3.2	17	2.9
	All Other Causes	390	25.0	234	23.9	156	26.7
	Total	1,562	100.0	978	100.0	584	100.0

Rank	45 - 54 YEARS	Deaths	Percent	Deaths	Percent	Deaths	Percent
1	Malignant Neoplasms	1,150	30.0	551	23.0	599	41.7
2	Diseases of Heart	817	21.3	588	24.6	229	15.9
3	Use of or Poisoning by Psychoactive Substance	264	6.9	191	8.0	73	5.1
4	Human Immunodeficiency Virus (HIV) Disease	167	4.4	115	4.8	52	3.6
5	Cerebrovascular Diseases	122	3.2	67	2.8	55	3.8
6	Diabetes Mellitus	119	3.1	73	3.1	46	3.2
7	Intentional Self-harm (Suicide)	107	2.8	74	3.1	33	2.3
8	Accidents Except Poisoning by Psychoactive Substance	106	2.8	89	3.7	17	1.2
9	Chronic Liver Disease and Cirrhosis	103	2.7	74	3.1	29	2.0
10	Influenza and Pneumonia	93	2.4	60	2.5	33	2.3
	All Other Causes	779	20.4	509	21.3	270	18.8
	Total	3,827	100.0	2,391	100.0	1,436	100.0

Rank	55 - 64 YEARS	Deaths	Percent	Deaths	Percent	Deaths	Percent
1	Malignant Neoplasms	2,560	35.1	1,334	30.4	1,226	42.3
2	Diseases of Heart	1,763	24.2	1,230	28.0	533	18.4
3	Diabetes Mellitus	307	4.2	191	4.3	116	4.0
4	Chronic Liver Disease and Cirrhosis	197	2.7	148	3.4	49	1.7
5	Influenza and Pneumonia	195	2.7	115	2.6	80	2.8
6	Chronic Lower Respiratory Diseases	188	2.6	106	2.4	82	2.8
7	Cerebrovascular Diseases	182	2.5	102	2.3	80	2.8
7	Use of or Poisoning by Psychoactive Substance	182	2.5	129	2.9	53	1.8
9	Human Immunodeficiency Virus (HIV) Disease	174	2.4	130	3.0	44	1.5
10	Accidents Except Poisoning by Psychoactive Substance	164	2.3	125	2.8	39	1.3
	All Other Causes	1,376	18.9	783	17.8	593	20.5
	Total	7,288	100.0	4,393	100.0	2,895	100.0

Rank	65 - 74 YEARS	Deaths	Percent	Deaths	Percent	Deaths	Percent
1	Malignant Neoplasms	3,351	36.1	1,735	33.6	1,616	39.3
2	Diseases of Heart	2,545	27.4	1,533	29.7	1,012	24.6
3	Diabetes Mellitus	401	4.3	230	4.5	171	4.2
4	Influenza and Pneumonia	321	3.5	175	3.4	146	3.5
5	Chronic Lower Respiratory Diseases	319	3.4	162	3.1	157	3.8
6	Cerebrovascular Diseases	240	2.6	135	2.6	105	2.6
7	Essential Hypertension and Hypertensive Renal Disease	178	1.9	95	1.8	83	2.0
8	Chronic Liver Disease and Cirrhosis	134	1.4	98	1.9	36	0.9
9	Accidents Except Poisoning by Psychoactive Substance	131	1.4	84	1.6	47	1.1
10	Nephritis, Nephrotic Syndrome, and Nephrosis	106	1.1	53	1.0	53	1.3
	All Other Causes	1,555	16.8	868	16.8	687	16.7
	Total	9,281	100.0	5,168	100.0	4,113	100.0

Rank	75 - 84 YEARS	Deaths	Percent	Deaths	Percent	Deaths	Percent
1	Diseases of Heart	3,949	32.7	1,939	33.1	2,010	32.4
2	Malignant Neoplasms	3,350	27.8	1,690	28.8	1,660	26.7
3	Influenza and Pneumonia	581	4.8	312	5.3	269	4.3
4	Chronic Lower Respiratory Diseases	547	4.5	260	4.4	287	4.6
5	Cerebrovascular Disease	501	4.2	213	3.6	288	4.6
6	Diabetes Mellitus	470	3.9	214	3.7	256	4.1
7	Essential Hypertension and Hypertensive Renal Disease	254	2.1	119	2.0	135	2.2
8	Alzheimer's Disease	187	1.5	61	1.0	126	2.0
9	Accidents Except Poisoning by Psychoactive Substance	174	1.4	87	1.5	87	1.4
10	Septicemia	140	1.2	73	1.2	67	1.1
	All Other Causes	1,918	15.9	1,242	20.0	676	11.5
	Total	12,071	100.0	5,861	100.0	6,210	100.0

Rank	≥85 YEARS	Deaths	Percent	Deaths	Percent	Deaths	Percent
1	Diseases of Heart	7,127	42.3	2,447	41.5	4,680	42.7
2	Malignant Neoplasms	2,417	14.4	1,033	17.5	1,384	12.6
3	Influenza and Pneumonia	982	5.8	376	6.4	606	5.5
4	Cerebrovascular Diseases	665	3.9	177	3.0	488	4.5
5	Chronic Lower Respiratory Diseases	630	3.7	238	4.0	392	3.6
6	Alzheimer's Disease	560	3.3	138	2.3	422	3.9
7	Diabetes Mellitus	415	2.5	136	2.3	279	2.5
8	Essential Hypertension and Hypertensive Renal Disease	374	2.2	124	2.1	250	2.3
9	Accidents Except Poisoning by Psychoactive Substance	186	1.1	75	1.3	111	1.0
10	Nephritis, Nephrotic Syndrome, and Nephrosis	172	1.0	73	1.2	99	0.9
	All Other Causes	3,312	19.7	1,075	18.2	2,237	20.4
	Total	16,840	100.0	5,892	100.0	10,948	100.0

LEADING CAUSES OF DEATH

Table 3. Leading Causes of Death by Racial/Ethnic Group* and Sex, New York City, 2014

Rank	Puerto Rican	All Deaths	All Percent	Male Deaths	Male Percent	Female Deaths	Female Percent
1	Diseases of Heart	1,343	27.1	682	26.7	661	27.6
2	Malignant Neoplasms	1,086	21.9	573	22.4	513	21.4
3	Diabetes Mellitus	221	4.5	101	4.0	120	5.0
4	Chronic Lower Respiratory Diseases	208	4.2	87	3.4	121	5.1
4	Influenza and Pneumonia	208	4.2	100	3.9	108	4.5
6	Cerebrovascular Diseases	161	3.3	68	2.7	93	3.9
7	Use of or Poisoning by Psychoactive Substance	154	3.1	123	4.8	31	1.3
8	Chronic Liver Disease and Cirrhosis	126	2.5	83	3.2	43	1.8
9	Alzheimer's Disease	106	2.1	25	1.0	81	3.4
10	Accidents Except Poisoning by Psychoactive Substance	102	2.1	68	2.7	34	1.4
	All Other Causes	1,236	25.0	645	25.2	591	24.7
	Total	4,951	100.0	2,555	100.0	2,396	100.0

Rank	Other Hispanic	Deaths	Percent	Deaths	Percent	Deaths	Percent
1	Malignant Neoplasms	1,214	25.6	573	24.0	641	27.3
2	Diseases of Heart	1,168	24.7	599	25.1	569	24.2
3	Cerebrovascular Diseases	224	4.7	97	4.1	127	5.4
4	Influenza and Pneumonia	209	4.4	99	4.2	110	4.7
5	Diabetes Mellitus	174	3.7	85	3.6	89	3.8
6	Accidents Except Poisoning by Psychoactive Substance	138	2.9	108	4.5	30	1.3
7	Chronic Lower Respiratory Diseases	130	2.7	58	2.4	72	3.1
8	Essential Hypertension and Hypertensive Renal Disease	108	2.3	41	1.7	67	2.8
9	Chronic Liver Disease and Cirrhosis	104	2.2	81	3.4	23	1.0
10	Alzheimer's Disease	86	1.8	25	1.0	61	2.6
	All Other Causes	1,181	24.9	619	26.0	562	23.9
	Total	4,736	100.0	2,385	100.0	2,351	100.0

Rank	Asian and Pacific Islander	Deaths	Percent	Deaths	Percent	Deaths	Percent
1	Malignant Neoplasms	1,161	29.9	658	30.3	503	29.5
2	Diseases of Heart	1,016	26.2	554	25.5	462	27.1
3	Cerebrovascular Diseases	203	5.2	91	4.2	112	6.6
4	Influenza and Pneumonia	185	4.8	105	4.8	80	4.7
5	Chronic Lower Respiratory Diseases	131	3.4	95	4.4	36	2.1
6	Diabetes Mellitus	121	3.1	71	3.3	50	2.9
7	Accidents Except Poisoning by Psychoactive Substance	111	2.9	69	3.2	42	2.5
8	Intentional Self-harm (Suicide)	78	2.0	50	2.3	28	1.6
9	Essential Hypertension and Hypertensive Renal Disease	55	1.4	26	1.2	29	1.7
10	Nephritis, Nephrotic Syndrome, and Nephrosis	50	1.3	28	1.3	22	1.3
	All Other Causes	769	19.8	427	19.6	342	20.0
	Total	3,880	100.0	2,174	100.0	1,706	100.0

Rank	Non-Hispanic White	Deaths	Percent	Deaths	Percent	Deaths	Percent
1	Diseases of Heart	8,497	34.6	4,507	35.5	3,990	33.7
2	Malignant Neoplasms	6,295	25.7	3,153	24.8	3,142	26.6
3	Influenza and Pneumonia	1,065	4.3	563	4.4	502	4.2
4	Chronic Lower Respiratory Diseases	914	3.7	515	4.1	399	3.4
5	Cerebrovascular Diseases	695	2.8	418	3.3	277	2.3
6	Diabetes Mellitus	520	2.1	228	1.8	292	2.5
7	Accidents Except Poisoning by Psychoactive Substance	427	1.7	169	1.3	258	2.2
8	Use of or Poisoning by Psychoactive Substance	419	1.7	105	0.8	314	2.7
9	Alzheimer's Disease	375	1.5	276	2.2	99	0.8
10	Essential Hypertension and Hypertensive Renal Disease	355	1.4	180	1.4	175	1.5
	All Other Causes	4,971	20.3	1,714	14.5	3,257	25.6
	Total	24,533	100.0	11,828	100.0	12,705	100.0

Rank	Non-Hispanic Black	Deaths	Percent	Deaths	Percent	Deaths	Percent
1	Diseases of Heart	4,152	30.2	1,958	30.2	2,194	30.2
2	Malignant Neoplasms	3,385	24.6	1,533	23.6	1,852	25.5
3	Diabetes Mellitus	716	5.2	318	4.9	398	5.5
4	Influenza and Pneumonia	508	3.7	242	3.7	266	3.7
5	Cerebrovascular Diseases	471	3.4	197	3.0	274	3.8
6	Chronic Lower Respiratory Diseases	406	3.0	186	2.9	220	3.0
7	Essential Hypertension and Hypertensive Renal Disease	362	2.6	155	2.4	207	2.9
8	Human Immunodeficiency Virus (HIV) Disease	298	2.2	196	3.0	102	1.4
9	Accidents Except Poisoning by Psychoactive Substance	220	1.6	148	2.3	72	1.0
10	Assault (Homicide)	211	1.5	186	2.9	25	0.3
	All Other Causes	3,026	22.0	1,374	21.2	1,652	22.7
	Total	13,755	100.0	6,493	100.0	7,262	100.0

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

PREMATURE DEATH

- OneNYC, Mayor De Blasio's plan for a strong and just city, seeks a 25% reduction in premature deaths by 2040 and a dramatic decrease in disparities among racial/ethnic groups.

- The age-adjusted premature death rate has declined to 186 per 100,000 population which represents a 21.2% decrease since 2005 and a 2.7% decrease since 2013.

Figure 9. Age-adjusted Premature Death (Age < 65 years) Rates, Overall and by Sex, New York City, 2005–2014
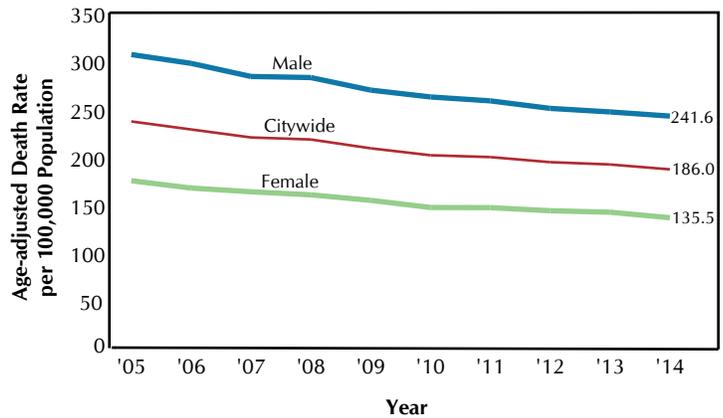
Figure 10. Age-adjusted Premature Death (Age < 65 years) Rates by Racial/Ethnic Group, New York City, 2005–2014
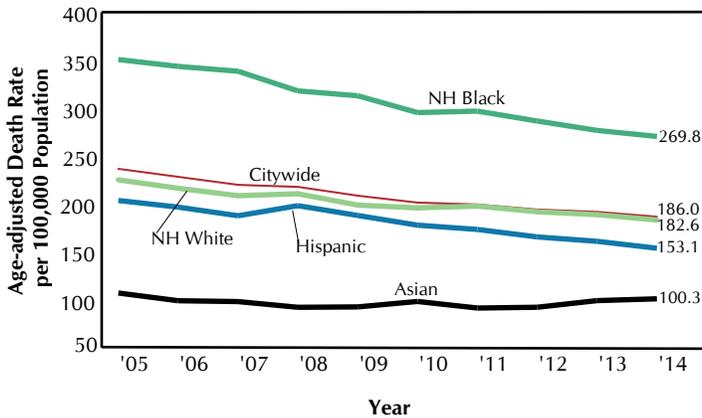
- From 2005 to 2014, age-adjusted premature death (age <65 years) rates declined 22.9% among non-Hispanic blacks, 24.5% among Hispanics, 18.7% among non-Hispanic whites and 5.7% among Asians and Pacific Islanders.

- Similar to 2013, the age-adjusted premature death rate for non-Hispanic blacks was 1.5 times the rate for non-Hispanic whites.

- The age-adjusted premature mortality rate has decreased across all categories of neighborhood poverty since 2005. In the very high poverty areas, the premature mortality rate decreased by 18.9% as compared to 25.8% in 2014 for low poverty areas.

- The age-adjusted premature death rate was 2.5 times greater in areas with very high poverty as compared to areas with low poverty in 2014, as compared to 2.3 in 2005.

Figure 11. Age-adjusted Premature Death (Age < 65 years) Rates by Neighborhood Poverty, New York City Residents, 2005 and 2014

PREMATURE DEATH

Figure 12. Age-adjusted Premature Death (Age < 65 years) Rates by Community District of Residence, New York City, 2014

Premature Age-adjusted Death Rate per 100,000 Population

- 224.2 - 353.7
- 180.9 - 224.1
- 145.4 - 180.8
- 122.1 - 145.3
- 61.7 - 122.0
- DPHO Neighborhood
- Parks & Airports

Citywide average: 186.0

Source: Bureau of Vital Statistics, based on events occurring in 2014.

- In 2014, New York City age-adjusted premature death rate was the highest in East Tremont at 353.7 deaths per 100,000 population, followed by 351.7 in Brownsville, 318.7 in East Harlem, 312.3 in Morrisania and 309.8 in Mott Haven.

- In 2014, age-adjusted premature death rate was lowest in Greenwich Village/SOHO at 61.7 deaths per 100,000 population, followed by 80.5 in Bayside, 92.6 in Murray Hill, 94.7 in Elmhurst/Corona and 95.6 in the Upper East Side.

Age-adjusted Premature Death Rates per 100,000 Population by Community District (CD) of Residence, New York City, 2014

CD	MANHATTAN	Premature Age-adjusted Death	CD	BRONX	Premature Age-adjusted Death	CD	BROOKLYN	Premature Age-adjusted Death	CD	QUEENS	Premature Age-adjusted Death
MN01	Battery Park, Tribeca	109.8	BX01	Mott Haven	309.8	BK01	Williamsburg, Greenpoint	160.4	QN01	Astoria, Long Island City	124.5
MN02	Greenwich Village, SOHO	61.7	BX02	Hunts Point	251.7	BK02	Fort Green, Brooklyn Heights	155.7	QN02	Sunnyside, Woodside	118.8
MN03	Lower East Side	160.3	BX03	Morrisania	312.3	BK03	Bedford Stuyvesant	267.2	QN03	Jackson Heights	127.5
MN04	Chelsea, Clinton	130.8	BX04	Concourse, Highbridge	258.2	BK04	Bushwick	187.9	QN04	Elmhurst, Corona	94.7
MN05	Midtown Business District	103.7	BX05	University /Morris Heights	210.8	BK05	East New York	256.6	QN05	Ridgewood, Glendale	138.7
MN06	Murray Hill	92.6	BX06	East Tremont	353.7	BK06	Park Slope	164.8	QN06	Rego Park, Forest Hills	122.0
MN07	Upper West Side	96.8	BX07	Fordham	207.4	BK07	Sunset Park	128.0	QN07	Flushing	117.9
MN08	Upper East Side	95.6	BX08	Riverdale	180.9	BK08	Crown Heights North	212.0	QN08	Fresh Meadows, Briarwood	120.2
MN09	Manhattanville	167.0	BX09	Unionport, Soundview	215.1	BK09	Crown Heights South	178.1	QN09	Woodhaven	140.6
MN10	Central Harlem	241.6	BX10	Throgs Neck	185.1	BK10	Bay Ridge	131.9	QN10	Howard Beach	156.6
MN11	East Harlem	318.7	BX11	Pelham Parkway	189.7	BK11	Bensonhurst	129.9	QN11	Bayside	80.5
MN12	Washington Heights	144.6	BX12	Williamsbridge	189.4	BK12	Borough Park	130.3	QN12	Jamaica, St. Albans	182.7
						BK13	Coney Island	212.3	QN13	Queens Village	122.4
CD	STATEN ISLAND					BK14	Flatbush, Midwood	152.0	QN14	The Rockaways	237.8
SI01	Port Richmond	224.1				BK15	Sheepshead Bay	145.3			
SI02	Willowbrook, South Beach	157.5				BK16	Brownsville	351.7			
SI03	Tottenville	163.1				BK17	East Flatbush	192.5			
						BK18	Canarsie	167.0			

PREMATURE DEATH

Figure 13. Leading Causes of Premature Death (Age < 65 Years), New York City, 2005–2014

*See the 2010 Summary of Vital Statistics: Mortality – Special Section: *Cause of Death Quality Improvement Initiative.*

- In 2014, the five leading causes of premature death (age < 65 years) were cancer, down 12.2% since 2005, heart disease, down 20.5%, use of or poisoning by psychoactive substance (drug use/poisoning), down 8.1%, accidents except drug use/poisoning, down 18.4%, and diabetes, up 1.3%.

- The sharper decline in heart disease death rates from 2008 to 2011 is partly due to efforts to improve the accuracy of cause of death reporting.*

Figure 14. Leading Causes of Premature Cancer Deaths (Age < 65 years), New York City, 2005-2014

- Lung, breast, and lymphoid, hematopoietic and related tissue (lymph and blood) cancers were the top three leading causes of premature cancer death in 2014. Since 2005, the crude rate of these cancers have decreased 23.1%, 21.3%, and 22.0%, respectively.

- The remaining two leading causes of premature cancer deaths, colon and liver, have increased 5.4% and 5.9%, respectively, since 2005.
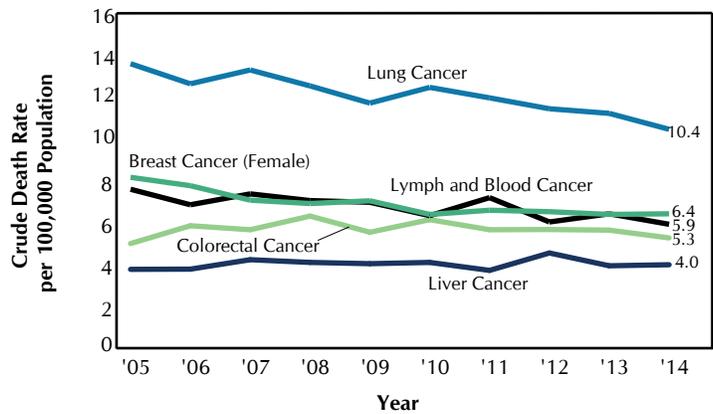
Figure 15. Leading Causes of Premature Heart Disease Deaths (Age < 65 years), New York City, 2005-2014
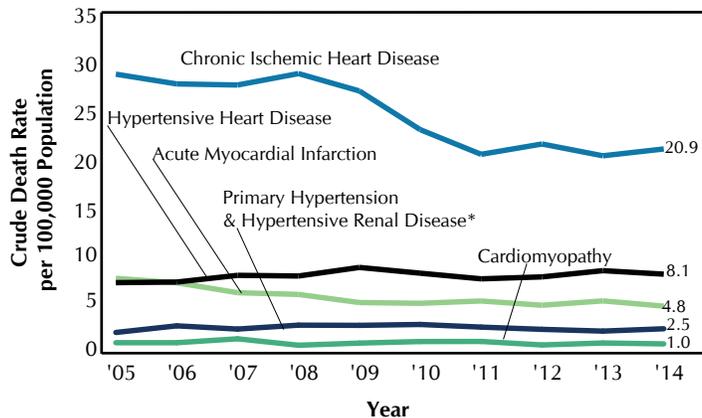
*Essential (Primary) Hypertension and Hypertensive Renal Disease.

†See the 2010 Summary of Vital Statistics: Mortality – Special Section: *Cause of Death Quality Improvement Initiative.*

- The crude rate of the leading cause of premature heart disease deaths, chronic ischemic heart disease, decreased 26.8% since 2005. The sharper decline from 2008 to 2011 is partly due to efforts to improve the accuracy of cause of death reporting.†

- Since 2005, hypertensive heart disease increased by 12.0% since 2005 to 8.1 deaths per 100,000 population and acute myocardial infarction declined 37.2% to 4.8 deaths per 100,000 population.

PREMATURE DEATH

Table 4. Leading Causes of Premature Death (Age < 65 Years) by Racial/Ethnic Group and Sex, New York City, 2014

Rank	Puerto Rican	All Deaths	All Percent	Male Deaths	Male Percent	Female Deaths	Female Percent
1	Malignant Neoplasms	341	20.4	186	17.2	155	26.3
2	Diseases of Heart	321	19.2	214	19.8	107	18.2
3	Use of or Poisoning by Psychoactive Substance	145	8.7	116	10.8	29	4.9
4	Chronic Liver Disease and Cirrhosis	83	5.0	56	5.2	27	4.6
5	Human Immunodeficiency Virus (HIV) Disease	74	4.4	47	4.4	27	4.6
6	Diabetes Mellitus	65	3.9	34	3.2	31	5.3
7	Accidents Except Poisoning by Psychoactive Substance	62	3.7	49	4.5	13	2.2
8	Viral Hepatitis	55	3.3	39	3.6	16	2.7
9	Influenza and Pneumonia	50	3.0	28	2.6	22	3.7
10	Chronic Lower Respiratory Diseases	48	2.9	29	2.7	19	3.2
	All Other Causes	424	25.4	281	26.0	143	24.3
	Total	1,668	100.0	1,079	100.0	589	100.0

Rank	Other Hispanic	All Deaths	All Percent	Male Deaths	Male Percent	Female Deaths	Female Percent
1	Malignant Neoplasms	480	28.8	235	21.6	245	42.4
2	Diseases of Heart	251	15.1	192	17.7	59	10.2
3	Accidents Except Poisoning by Psychoactive Substance	102	6.1	89	8.2	13	2.2
4	Use of or Poisoning by Psychoactive Substance	81	4.9	65	6.0	16	2.8
5	Cerebrovascular Diseases	67	4.0	43	4.0	24	4.2
5	Chronic Liver Disease and Cirrhosis	67	4.0	58	5.3	9	1.6
7	Intentional Self-harm (Suicide)	53	3.2	35	3.2	18	3.1
8	Diabetes Mellitus	48	2.9	33	3.0	15	2.6
9	Influenza and Pneumonia	46	2.8	29	2.7	17	2.9
10	Human Immunodeficiency Virus (HIV) Disease	39	2.3	32	2.9	7	1.2
	All Other Causes	430	25.8	275	25.3	155	26.8
	Total	1,664	100.0	1,086	100.0	578	100.0

Rank	Asian and Pacific Islander	All Deaths	All Percent	Male Deaths	Male Percent	Female Deaths	Female Percent
1	Malignant Neoplasms	466	39.2	264	34.7	202	47.2
2	Diseases of Heart	210	17.7	163	21.4	47	11.0
3	Intentional Self-harm (Suicide)	63	5.3	41	5.4	22	5.1
4	Accidents Except Poisoning by Psychoactive Substance	54	4.5	37	4.9	17	4.0
5	Cerebrovascular Diseases	45	3.8	22	2.9	23	5.4
6	Diabetes Mellitus	32	2.7	22	2.9	10	2.3
7	Chronic Liver Disease and Cirrhosis	26	2.2	22	2.9	4	0.9
8	Influenza and Pneumonia	18	1.5	12	1.6	6	1.4
9	Congenital Malformations, Deformations	17	1.4	9	1.2	8	1.9
9	Benign and Uncertain Neoplasms	17	1.4	11	1.4	6	1.4
	All Other Causes	241	20.3	158	20.8	83	19.4
	Total	1,189	100.0	761	100.0	428	100.0

Rank	Non-Hispanic White	All Deaths	All Percent	Male Deaths	Male Percent	Female Deaths	Female Percent
1	Malignant Neoplasms	1,552	32.7	815	26.8	737	43.3
2	Diseases of Heart	887	18.7	685	22.5	202	11.9
3	Use of or Poisoning by Psychoactive Substance	403	8.5	303	10.0	100	5.9
4	Intentional Self-harm (Suicide)	234	4.9	166	5.5	68	4.0
5	Accidents Except Poisoning by Psychoactive Substance	156	3.3	125	4.1	31	1.8
6	Chronic Lower Respiratory Diseases	122	2.6	70	2.3	52	3.1
7	Diabetes Mellitus	121	2.6	82	2.7	39	2.3
8	Chronic Liver Disease and Cirrhosis	104	2.2	72	2.4	32	1.9
9	Influenza and Pneumonia	89	1.9	59	1.9	30	1.8
10	Cerebrovascular Diseases	74	1.6	46	1.5	28	1.6
	All Other Causes	999	21.1	616	20.3	383	22.5
	Total	4,741	100.0	3,039	100.0	1,702	100.0

Rank	Non-Hispanic Black	All Deaths	All Percent	Male Deaths	Male Percent	Female Deaths	Female Percent
1	Malignant Neoplasms	1,328	26.2	599	20.8	729	33.3
2	Diseases of Heart	1,135	22.4	726	25.2	409	18.7
3	Human Immunodeficiency Virus (HIV) Disease	247	4.9	163	5.7	84	3.8
4	Diabetes Mellitus	226	4.5	127	4.4	99	4.5
5	Assault (Homicide)	206	4.1	182	6.3	24	1.1
6	Use of or Poisoning by Psychoactive Substance	176	3.5	110	3.8	66	3.0
7	Cerebrovascular Diseases	145	2.9	76	2.6	69	3.1
7	Accidents Except Poisoning by Psychoactive Substance	145	2.9	111	3.8	34	1.6
9	Influenza and Pneumonia	124	2.4	75	2.6	49	2.2
10	Chronic Lower Respiratory Diseases	122	2.4	63	2.2	59	2.7
	All Other Causes	1,221	24.1	652	22.6	569	26.0
	Total	5,075	100.0	2,884	100.0	2,191	100.0

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

EXTERNAL CAUSES OF DEATH

- Among external causes of death, the rate of deaths due to accidents is consistently higher than homicide, suicide, or other external causes†.

- Between 2005 and 2010 accidental death rates declined 25.5% to 17.5% but increased slightly since to 20.6% in 2014.

- Since 2005, homicide rates declined 41.7% to 4.2 deaths per 100,000 population, and suicides rates increased 11.7% to 6.7 deaths per 100,000 population.

- Death rates from other external causes have stayed between 3.2 and 3.4 deaths per 100,000 population since 2011.

Figure 16. Crude Death Rates for External Causes of Death*, New York City, 2005–2014
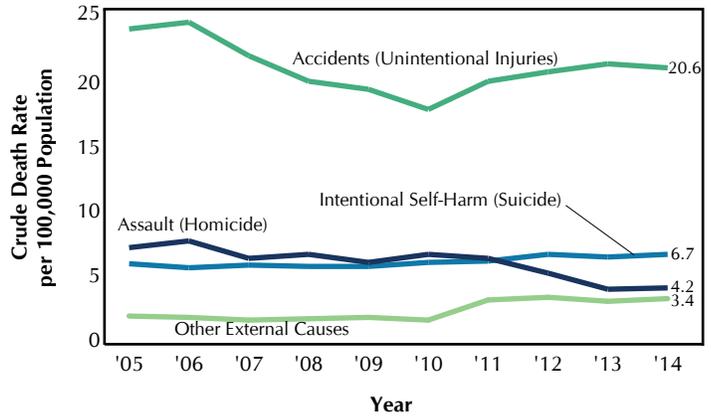
*Appendix B. Technical Notes: Deaths, Cause of Death International Classification of Disease (ICD) Coding.
†Other external causes include medical and/or surgical care complications and deaths due to undetermined intent.

Figure 17. Crude Death Rates for Selected Accidental Causes of Death, New York City, 2005–2014
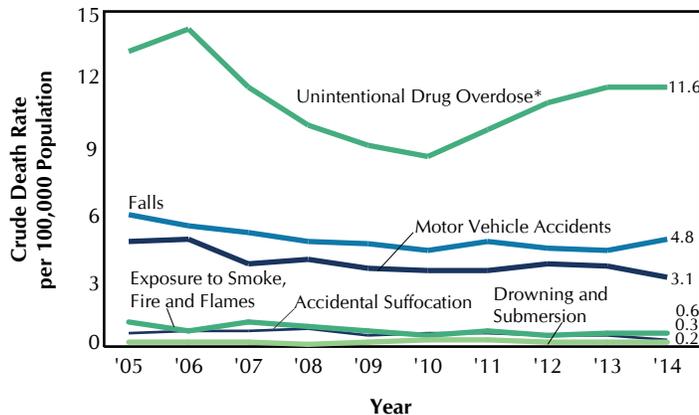
*Appendix B. Technical Notes: Drug-Related Deaths.

- The three leading causes of accidental deaths continue to be unintentional drug overdose*, falls, and motor vehicle accidents.

- Since 2005 crude death rates for all three declined: 12.4% for unintentional drug overdose, 18.5% for falls and 34.1% for motor vehicle accidents.

- Rates of accidental death due to smoke, fire and/or flame exposure, suffocation, and drowning and submersion were all less than one death per 100,000 population in 2014.

- Deaths due to suicide were highest among the age group 45-64 years old, at 9.7 deaths per 100,000 population.

- Since 2005, the rate of suicide has increased 14.5% among ages 25 to 44, 7.8% among 45 to 64, and 10.1% among 65 to 84.

Figure 18. Age-specific Suicide Death Rates, New York City, 2005-2014

20
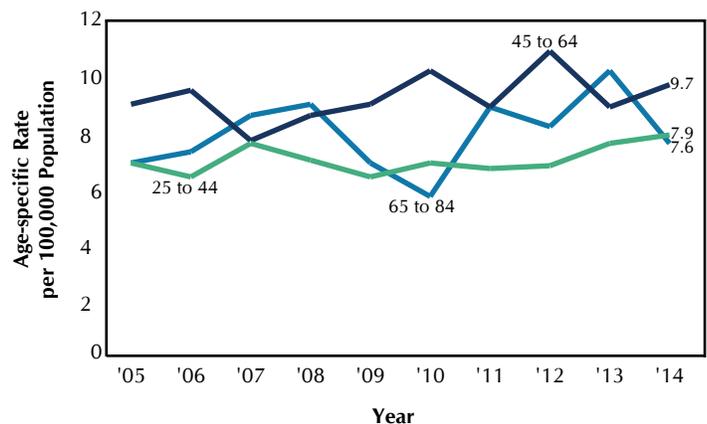
EXTERNAL CAUSES OF DEATH

Figure 19. Age-adjusted Homicide Death Rates (Five-year-averages) by Community District of Residence, New York City, 2010–2014

Age-adjusted Homicide Death Rate per 100,000 Population

- 9.0 - 22.8
- 5.7 - 8.9
- 2.8 - 5.6
- 1.5 - 2.7
- 0.2 - 1.4
- *DPHO Neighborhood*
- *Parks & Airports*

Citywide average: 5.0
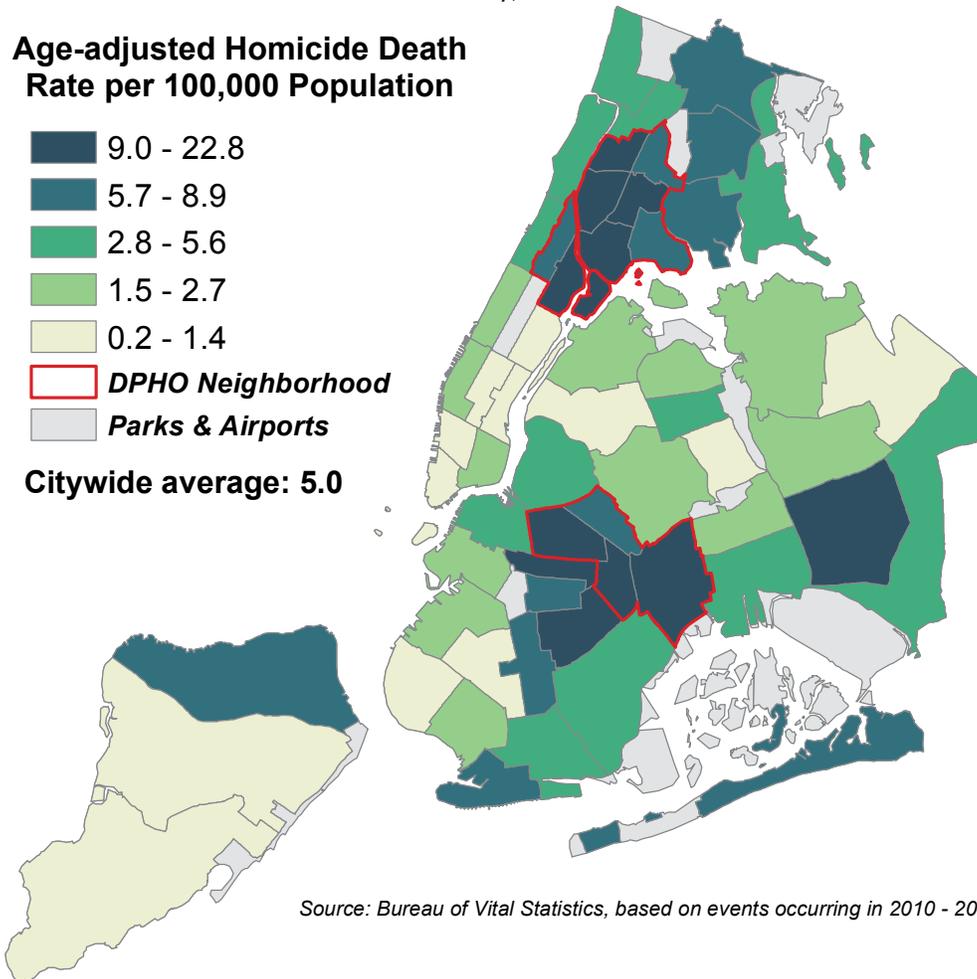
Source: Bureau of Vital Statistics, based on events occurring in 2010 - 2014.

- The five-year average age-adjusted homicide rate was highest in Brownsville at 22.8 deaths per 100,000 population, followed by Mott Haven with 14.3, Bedford Stuyvesant with 13.8, Morrisania with 12.9, and Flatbush/Midwood with 11.3.

- Some community districts had very low homicide death rates. Community districts with fewer than 1 death per 100,000 population over the five years include Battery Park/Tribeca, Bayside, Upper East Side, Rego Park/Forest Hills, Bay Ridge District, and Murray Hill.

Age-adjusted Homicide Death Rates per 100,000 Population by Community District (CD) of Residence, New York City, 2010-2014

CD	MANHATTAN	Age-adjusted Homicide Death Rates	CD	BRONX	Age-adjusted Homicide Death Rates	CD	BROOKLYN	Age-adjusted Homicide Death Rates	CD	QUEENS	Age-adjusted Homicide Death Rates
MN01	Battery Park, Tribeca	0.2	BX01	Mott Haven	14.3	BK01	Williamsburg, Greenpoint	3.3	QN01	Astoria, Long Island City	1.8
MN02	Greenwich Village, SOHO	1.1	BX02	Hunts Point	8.4	BK02	Fort Green, Brooklyn Heights	3.9	QN02	Sunnyside, Woodside	1.2
MN03	Lower East Side	2.7	BX03	Morrisania	12.9	BK03	Bedford Stuyvesant	13.8	QN03	Jackson Heights	2.3
MN04	Chelsea, Clinton	1.7	BX04	Concourse, Highbridge	9.4	BK04	Bushwick	7.2	QN04	Elmhurst, Corona	3.4
MN05	Midtown Business District	1.1	BX05	University /Morris Heights	9.4	BK05	East New York	11.1	QN05	Ridgewood, Glendale	2.5
MN06	Murray Hill	0.6	BX06	East Tremont	8.9	BK06	Park Slope	2.3	QN06	Rego Park, Forest Hills	0.7
MN07	Upper West Side	2.0	BX07	Fordham	5.5	BK07	Sunset Park	2.2	QN07	Flushing	2.1
MN08	Upper East Side	0.5	BX08	Riverdale	3.7	BK08	Crown Heights North	9.4	QN08	Fresh Meadows, Briarwood	2.1
MN09	Manhattanville	3.2	BX09	Unionport, Soundview	8.0	BK09	Crown Heights South	6.8	QN09	Woodhaven	2.6
MN10	Central Harlem	8.8	BX10	Throgs Neck	4.5	BK10	Bay Ridge	0.7	QN10	Howard Beach	3.3
MN11	East Harlem	9.2	BX11	Pelham Parkway	5.7	BK11	Bensonhurst	1.8	QN11	Bayside	0.3
MN12	Washington Heights	4.0	BX12	Williamsbridge	8.7	BK12	Borough Park	1.2	QN12	Jamaica, St. Albans	10.6
						BK13	Coney Island	8.7	QN13	Queens Village	5.2
CD	**STATEN ISLAND**					BK14	Flatbush, Midwood	5.7	QN14	The Rockaways	7.4
SI01	Port Richmond	6.3				BK15	Sheepshead Bay	2.7			
SI02	Willowbrook, South Beach	1.3				BK16	Brownsville	22.8			
SI03	Tottenville	1.4				BK17	East Flatbush	11.3			
						BK18	Canarsie	5.6			

INFANT MORTALITY

Timeline chart: Infant Mortality Rate per 1,000 Live Births, 1898–2014

- First Use of Incubators for Premature Infants, Coney Island, 1903-1941
- Widespread Availability of Fluid/Electrolyte Replacement Therapy, 1950's
- Technical Advances in Neonatal Medicine, 1970's
- Introduction of Penicillin, 1940's
- Introduction of Rh Factor Leading to Compatible Blood Transfusions, 1940's
- DOH Starts Post-partum Visits, 1908
- Introduction of Sulfonamides, 1937
- FDA Approval of Artificial Lung Surfactant, 1990
- Folic Acid Supplementation During Prenatal Care, 1998
- **New Historic Low of 4.2 Infant Deaths per 1,000 Live Births, 2014**
- Pasteurization of Milk, 1912
- Introduction of Medicaid, 1965

Figure 1. Infant Mortality Rate, New York City and United States, 2005-2014

US — 5.8
New York City — 4.2

- OneNYC, Mayor De Blasio's plan for a strong and just city, proposes achieving an historic low of 3.7 infant deaths per 1,000 live births citywide by 2040, and dramatically decreasing the racial/ethnic disparities. The city will achieve this by targeting key neighborhoods with high infant mortality rates and implementing social and structural supports before, during, and after pregnancy.

- The 2014 New York City infant mortality rate reached a historic low of 4.2 infant deaths per 1,000 live births, a 30.0% decline from 6.0 in 2005 and a 8.7% decline from 4.6 in 2013. The Healthy People 2020 goal of 6.0 was met in 2005.

- The New York City infant mortality rate was 27.6% lower than the US rate of 5.8 per 1,000 live births. In 2005, the New York City rate was just 13.0% lower than the US rate.

INFANT MORTALITY

- Although infant mortality rates have declined among all racial/ethnic groups, disparities persist. In 2014, the infant mortality rate among non-Hispanic blacks was 2.9 times higher than among non-Hispanic whites, an increase from 2.0 in 2005. However, these rates will fluctuate due to small numbers of infant deaths.

- From 2005 to 2014, the infant mortality rate increased 13.4% among Puerto Ricans. It declined 22.7% among non-Hispanic blacks, 29.7% among Asian and Pacific Islanders, 45.8% among non-Hispanic whites, and 10.9% among other Hispanics.

Figure 2. Infant Mortality Rate by Mother's Racial/Ethnic Group, New York City, 2005–2014
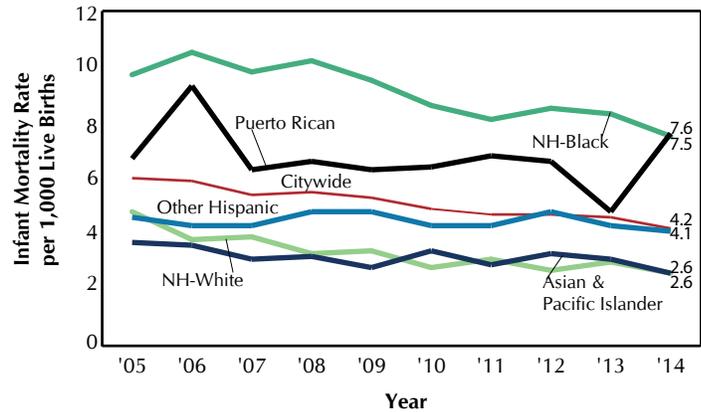
Figure 3. Infant Mortality Rate by Neighborhood Poverty*, New York City Residents, 2005 and 2014
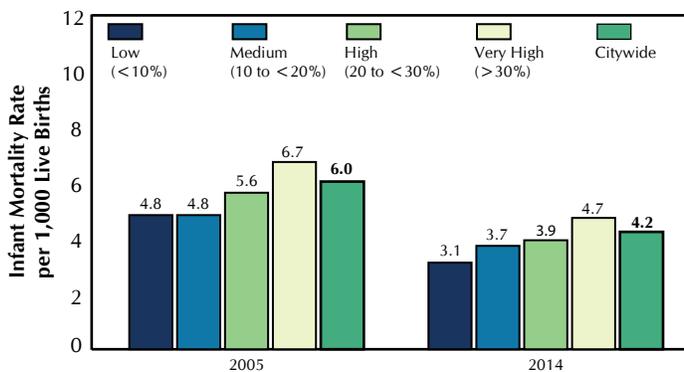
Neighborhood Poverty*

*Neighborhood poverty (based on mother's NYC resident census tract) defined as percent of residents with incomes below 100% of the Federal Poverty Level, per American Community Survey (ACS) 2005-2009 for 2005 data and per ACS 2009-2013 for 2014 data.

- In 2014, infant mortality rates were 1.5 times higher in areas with very high poverty compared to areas with low poverty (4.7 infant deaths per 1,000 live births vs. 3.1, respectively). The relative difference in rates fluctuate due to small numbers.

- From 2005 to 2014, the infant mortality rate declined in all groups: by 35.7% in low poverty areas, 29.6% in high poverty areas, 29.2% in very high poverty areas and 23.6% in medium poverty areas (data not shown).

- In 2014, the infant mortality rate was highest among infants born to the oldest mothers (≥40 years of age), at 5.0 infant deaths per 1,000 live births. It was 4.1 among infants born to mothers 20 to 29 years of age, 3.8 infant deaths per 1,000 live births among mothers 30 to 39 years of age, and 3.7 infant deaths per 1,000 live births among mothers less than 20 years of age.

- Infant mortality rates have decreased among infants born to mothers in all age groups since 2005: 39.3% among mothers ages younger than 20, 22.6% among mothers ages 30 to 39, 26.9% among mothers ages 20 to 29, and 41.2% among mothers ages 40 and older.

Figure 4. Infant Mortality Rate by Mother's Age*, New York City, 2005–2014
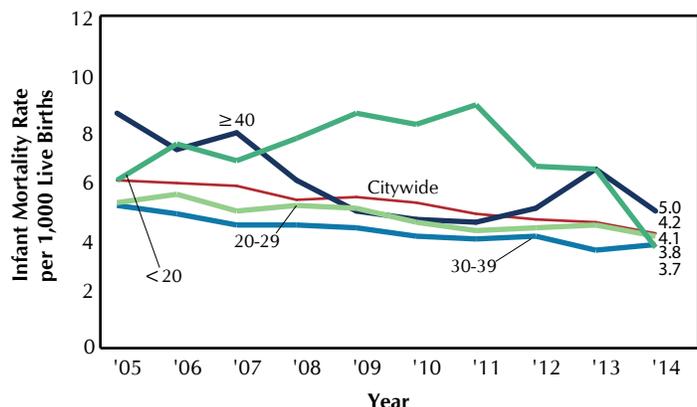
*The fluctuation in the infant mortality rate among infants born to mothers <20 and ≥40 is likely due to small numbers.

INFANT MORTALITY

**Figure 5. Average* Infant Mortality Rate by Community District of Residence and DPHO†,
New York City, 2012–2014**

Infant Mortality Rate

Infant Mortality Rate legend:
- 6.2 - 8.7
- 5.1 - 6.1
- 3.6 - 5.0
- 2.4 - 3.5
- 0.8 - 2.3
- DPHO Neighborhood
- Parks & Airports

Citywide 3-year average: 4.5

Source: Bureau of Vital Statistics, based on events occurring in 2012 -2014.

*Due to instability in the infant mortality rates by community district, rates are presented as three-year averages.
†See Technical Notes Community Districts, Boroughs, and District Public Health Offices.

- The three-year average infant mortality rate was highest in East Tremont at 8.7 deaths per 1,000 live births, followed by 8.5 in Crown Heights North, 8.4 in Williamsbridge, 7.5 in Jamaica/St. Albans, and 7.4 in East New York.

- The lowest three-year average infant mortality rate was in Greenwich Village/SOHO and the Upper East Side with 0.8 deaths per 1,000 live births, followed by 1.0 in Murray Hill, 1.8 in Sunset Park, and 1.9 in both Borough Park and Bayside.

**Infant Mortality Rate by 1,000 Population by Community District (CD) of Residence,
New York City, 2012-2014**

CD	MANHATTAN	Infant Mortality Rate	CD	BRONX	Infant Mortality Rate	CD	BROOKLYN	Infant Mortality Rate	CD	QUEENS	Infant Mortality Rate
MN01	Battery Park, Tribeca	2.0	BX01	Mott Haven	6.4	BK01	Williamsburg, Greenpoint	2.3	QN01	Astoria, Long Island City	4.3
MN02	Greenwich Village, SOHO	0.8	BX02	Hunts Point	6.0	BK02	Fort Green, Brooklyn Heights	2.2	QN02	Sunnyside, Woodside	4.5
MN03	Lower East Side	2.1	BX03	Morrisania	5.4	BK03	Bedford Stuyvesant	5.3	QN03	Jackson Heights	4.5
MN04	Chelsea, Clinton	5.1	BX04	Concourse, Highbridge	4.7	BK04	Bushwick	5.3	QN04	Elmhurst, Corona	4.3
MN05	Midtown Business District	5.2	BX05	University /Morris Heights	4.8	BK05	East New York	7.4	QN05	Ridgewood, Glendale	2.3
MN06	Murray Hill	1.0	BX06	East Tremont	8.7	BK06	Park Slope	2.5	QN06	Rego Park, Forest Hills	3.2
MN07	Upper West Side	2.8	BX07	Fordham	4.2	BK07	Sunset Park	1.8	QN07	Flushing	3.1
MN08	Upper East Side	0.8	BX08	Riverdale	4.1	BK08	Crown Heights North	8.5	QN08	Fresh Meadows, Briarwood	3.0
MN09	Manhattanville	4.1	BX09	Unionport, Soundview	5.0	BK09	Crown Heights South	2.8	QN09	Woodhaven	3.2
MN10	Central Harlem	6.7	BX10	Throgs Neck	2.8	BK10	Bay Ridge	2.0	QN10	Howard Beach	5.8
MN11	East Harlem	5.7	BX11	Pelham Parkway	6.9	BK11	Bensonhurst	3.5	QN11	Bayside	1.9
MN12	Washington Heights	3.5	BX12	Williamsbridge	8.4	BK12	Borough Park	1.9	QN12	Jamaica, St. Albans	7.5
						BK13	Coney Island	5.7	QN13	Queens Village	5.9
CD	**STATEN ISLAND**					BK14	Flatbush, Midwood	3.8	QN14	The Rockaways	6.4
SI01	Port Richmond	7.2				BK15	Sheepshead Bay	2.5			
SI02	Willowbrook, South Beach	2.7				BK16	Brownsville	6.1			
SI03	Tottenville	2.6				BK17	East Flatbush	7.0			
						BK18	Canarsie	5.1			

INFANT MORTALITY

Table 1. Average Infant Mortality Rate* by Mother's Birthplace†, New York City, 2008–2014

Birthplace	2008-2010	2009-2011	2010-2012	2011-2013	2012-2014
Total, New York City	**5.2**	**4.9**	**4.8**	**4.7**	**4.5**
Jamaica	6.2	5.6	7.0	6.7	7.9
Trinidad and Tobago	5.1	3.4	6.1	5.3	7.3
Honduras	6.8	7.4	8.3	7.2	6.8
Peru	2.0	2.1	2.3	6.3	6.3
Haiti	6.1	4.9	5.4	6.0	6.2
India	2.3	2.4	5.2	5.8	6.1
Puerto Rico‡	7.9	8.5	8.4	6.5	5.3
Pakistan	5.4	5.6	6.1	5.6	5.2
Guyana	7.8	6.6	6.7	6.2	4.9
United States‡	6.0	5.7	5.2	5.0	4.8
Nigeria	7.2	8.1	7.1	7.4	4.5
Dominican Republic	4.2	4.0	3.8	4.0	4.4
El Salvador	2.9	3.4	3.0	3.2	4.2
Yemen Arab Republic	3.7	6.3	8.5	6.6	3.7
Mexico	3.8	3.4	4.0	4.2	3.7
Korea	0.7	0.7	1.1	3.4	3.6
Bangladesh	3.9	4.6	4.1	4.1	3.5
Ecuador	3.0	3.2	3.7	3.2	3.2
Colombia	1.5	2.8	2.9	3.8	3.0
Canada	2.2	2.1	2.0	3.6	3.0
Ghana	4.8	4.3	4.0	3.9	2.9
Egypt	2.9	1.3	1.7	1.5	2.8
Philippines	3.0	3.4	3.9	1.7	2.3
Israel	0.6	0.6	0.3	0.7	2.2
Poland	1.8	0.7	1.6	2.1	1.8
Uzbekistan	0.6	1.5	1.4	2.0	1.7
Guatemala	6.0	6.4	6.4	3.6	1.6
China	2.3	2.1	1.7	1.4	1.5
Japan	1.4	1.3	1.3	2.0	1.3
Russia	2.8	2.8	2.0	1.4	1.3
United Kingdom	2.3	1.2	1.8	1.2	1.3
Ukraine	2.1	1.2	0.8	0.4	0.0

*The infant mortality rate is listed only for countries with 500 or more live births in any year of 2008-2014.

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

‡As of 2006, US Virgin Islands and Guam are included in the US. 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.

Table 2. Infant Deaths by Cause, Sex, and Age, New York City, 2014

	Cause of Death (ICD-10 Codes)	Total	Male Neonatal (<28 Days)	Male Postneonatal (≥ 28 Days)	Female Neonatal (<28 Days)	Female Postneonatal (≥ 28 Days)
	Total	**516**	**181**	**107**	**145**	**83**
1	HIV Infection (B20-B24)†	0	-	-	-	-
2	Diseases of the Circulatory System (I00-I99)†	11	-	8	1	2
3	Influenza and Pneumonia (J10-J18)†	4	-	1	-	3
4	Newborn Affected by Maternal Complications of Pregnancy (P01)†	12	8	-	4	-
5	Newborn Affected by Complications of Placenta, Cord, and Membranes (P02)†	9	2	-	6	1
6	Short Gestation and Low Birthweight (P07)†	116	57	8	44	7
7	Intrauterine Hypoxia and Birth Asphyxia (P20-P21)†	5	3	-	2	-
8	Respiratory Distress of Newborn (P22)†	14	5	-	9	-
9	Pulmonary Hemorrhage Originating in the Perinatal Period (P26)†	4	3	-	1	-
10	Atelectasis (P28.0-P28.1)†	4	3	1	-	-
11	Other Respiratory Conditions Originating in the Perinatal Period (P23-P28)‡	14	4	1	5	4
12	Cardiovascular Disorders Originating in the Perinatal Period (P29)‡	53	33	2	18	-
13	Infections Specific to the Perinatal Period (P35-P39)‡	12	8	-	4	-
	Bacterial sepsis of newborn (P36)	9	5	-	4	-
14	Neonatal Hemorrhage (P50-P52, P54)†	6	5	-	1	-
15	Necrotizing Enterocolitis of Newborn (P77)†	9	3	-	6	-
16	Remainder of Conditions Originating in the Perinatal Period (Rest of P00-P99)	21	13	-	7	1
17	Congenital Malformations, Deformations (Q00-Q99)†	99	27	23	31	18
	Congenital malformations of heart (Q20-Q24)	31	4	13	6	8
18	Sudden Infant Death Syndrome (R95)†	4	-	3	-	1
19	All Other Diseases (Rest of A00-R99)	72	7	33	4	28
20	External Causes (V01-Y89)‡	47	-	27	2	18

†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.

INFANT MORTALITY

Table 3. Live Births and Infant Mortality Rate by Characteristics of Mother, New York City, 2014

Characteristics	Live Births		Infant Mortality Rate (IMR) per 1,000 Live Births					
			All		Neonatal		Postneonatal	
	Number	Percent	Deaths	Rate	Deaths	Rate	Deaths	Rate
Total	**122,084**	**100.0**	**516**	**4.2**	**326**	**2.7**	**190**	**1.6**
Race/Ethnicity								
Puerto Rican	7,897	6.5	60	7.6	40	5.1	20	2.5
Other Hispanic	27,753	22.7	113	4.1	66	2.4	47	1.7
Asian and Pacific Islander	20,746	17.0	53	2.6	37	1.8	16	0.8
Non-Hispanic White	40,443	33.1	107	2.6	75	1.9	32	0.8
Non-Hispanic Black	23,680	19.4	177	7.5	103	4.3	74	3.1
Other and unknown	1,565	1.3	6	-	5	-	1	-
Borough								
Manhattan	18,143	14.9	63	3.5	43	2.4	20	1.1
Bronx	20,032	16.4	93	4.6	59	2.9	34	1.7
Brooklyn	41,190	33.7	159	3.9	88	2.1	71	1.7
Queens	26,937	22.1	104	3.9	70	2.6	34	1.3
Staten Island	5,255	4.3	21	4.0	14	2.7	7	1.3
Age of Mother								
Age < 18	1,249	1.0	8	6.4	4	3.2	4	3.2
Age 18-19	3,323	2.7	9	2.7	4	1.2	5	1.5
Age 20-29	51,473	42.2	209	4.1	128	2.5	81	1.6
Age 30-39	59,592	48.8	226	3.8	160	2.7	66	1.1
Age ≥ 40	6,447	5.3	32	5.0	24	3.7	8	1.2
Unmatched*	-	-	32	-	6	-	26	-
Mother's Education								
11th grade or less/12th grade, no diploma	23,272	19.1	113	4.9	68	2.9	45	1.9
High school graduate or GED	26,374	21.6	126	4.8	82	3.1	44	1.7
Some college/associate degree	26,874	22.0	129	4.8	88	3.3	41	1.5
Bachelor's degree	24,890	20.4	57	2.3	39	1.6	18	0.7
Master's degree or higher	20,274	16.6	48	2.4	33	1.6	15	0.7
Mother's education unknown	400	0.3	11	-	10	-	1	-
Unmatched*	-	-	32	-	6	-	26	-
Marital Status of Mother†								
Not married	48,011	39.3	279	5.8	174	3.6	105	2.2
Married	74,073	60.7	205	2.8	146	2.0	59	0.8
Unmatched*	-	-	32	-	6	-	26	-
Mother's Birthplace								
US born, including territories	60,067	49.2	287	4.8	195	3.2	92	1.5
Foreign born	61,996	50.8	197	3.2	125	2.0	72	1.2
Birthplace unknown	21	0.0	-	-	-	-	-	-
Unmatched*	-	-	32	-	6	-	26	-
Primary Payer for This Birth								
Medicaid/Family Plus/Child PlusB/other govt	72,024	59.0	308	4.3	197	2.7	111	1.5
Other	49,754	40.8	172	3.5	120	2.4	52	1.0
Coverage unknown	306	0.3	4	-	3	-	1	-
Unmatched*	-	-	32	-	6	-	26	-
Plurality								
Singletons	117,483	96.2	412	3.5	267	2.3	145	1.2
Multiples	4,601	3.8	72	15.6	53	11.5	19	4.1
Unmatched*	-	-	32	-	6	-	26	-
Parity								
First birth	53,592	43.9	226	4.2	156	2.9	70	1.3
Second birth or higher	68,468	56.1	258	3.8	164	2.4	94	1.4
Unknown	24	0.0	-	-	-	-	-	-
Unmatched*	-	-	32	-	6	-	26	-
First Prenatal Care Visit								
No prenatal care	722	0.6	11	15.2	9	12.5	2	2.8
First trimester (1-3 months)	88,157	72.2	337	3.8	229	2.6	108	1.2
Second trimester (4-6 months)	23,760	19.5	100	4.2	62	2.6	38	1.6
Late (7-9 months)	7,783	6.4	15	1.9	4	0.5	11	1.4
Prenatal care unknown	1,662	1.4	21	-	16	-	5	-
Unmatched*	-	-	32	-	6	-	26	-
Pre-pregnancy Body Mass Index (BMI)								
Underweight (BMI < 18.5)	6,889	5.6	15	2.2	11	1.6	4	0.6
Normal weight (18.5 ≤ BMI < 25)	65,150	53.4	197	3.0	127	1.9	70	1.1
Overweight (25 ≤ BMI < 30)	29,361	24.0	125	4.3	86	2.9	39	1.3
Obese (BMI ≥ 30)	20,173	16.5	137	6.8	88	4.4	49	2.4
Pre-pregnancy BMI unknown	511	0.4	10	-	8	-	2	-
Unmatched*	-	-	32	-	6	-	26	-

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

†See Technical Notes: Births, Mother's Martial Status.

PREGNANCY OUTCOMES

Birth Rate per 1,000 Population (y-axis: 0 to 40)

x-axis: 1898* 1913* 1926 1940 1954 1968 1982 1996 2014

Wide Spread
Condom Use by
Returning GIs
1920's

14.4
Births
per
1,000
Population,
2014

First Birth Control
Clinic Established
in Brooklyn, NY by
Margaret Sanger, 1916

DOH Establishes 12
Prenatal Care Clinics
Across NYC, 1924

AMA Recommends
Contraception
Be Part of Core Medical
Training,1937

FDA Approval for
Oral Contraceptives,
1960

DOH Opens 5 Maternal
Care Clinics Offering Birth
Control Services, 1965

Roe v Wade
Abortion Legalized
During First Trimester,
1973

FDA Approval
of Medical
Abortion,
2000

Contraception covered as
Required Preventive Service
for Women Under the
Affordable Care Act (signed
into law, 2010)

*1898-1914 Birth counts are estimated as number reported was determined to be incomplete.

PREGNANCY OUTCOMES OVERVIEW

Figure 1. Crude Birth Rate, New York City, and United States, 2005-2014*
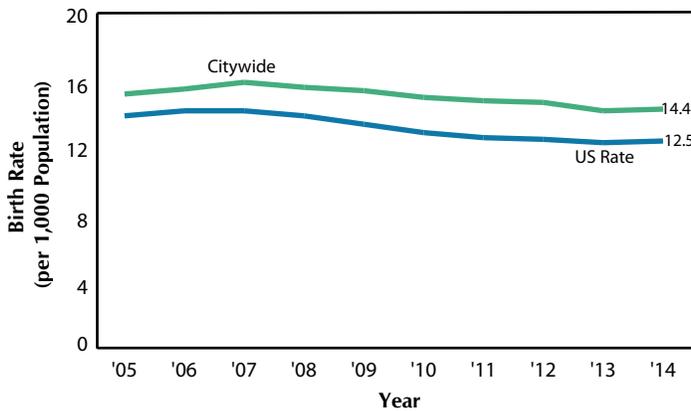
*Latest year available.

- The 2014 citywide crude birth rate was 14.4 births per 1,000 population. Since 2005, the rate decreased 5.9% from 15.3 births per 1,000 population; since 2013, the rate increased 0.7% from 14.3. More detailed information on current birth rates can be found in Table 1 and Figures 4, 5, and 6.

- New York City's 2014 crude birth rate was 14.4 births per 1,000 population, 15.2% greater than the United States rate.

- The 2014 citywide crude rate of spontaneous terminations of pregnancy (miscarriages and stillbirths) was 5.8 terminations per 1,000 female aged 15 to 44 years, the rate has remained between 5.8 and 7.8 since 2005.

- Changes in rates of spontaneous terminations of pregnancy are likely due to variations in reporting facilities' responsiveness to legal reporting requirements rather than true changes in such events. DOHMH continues to conduct outreach and education of targeted medical facilities about legal reporting requirements.

- More detailed information on spontaneous terminations of pregnancy rates can be found in Table 1.

Figure 2. Crude Spontaneous Termination of Pregnancy Rate, New York City, 2005–2014
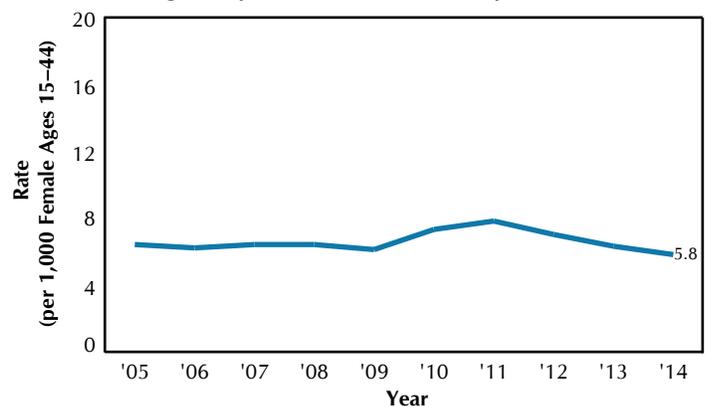
Figure 3. Crude Induced Termination of Pregnancy Rate, New York City, 2005–2014
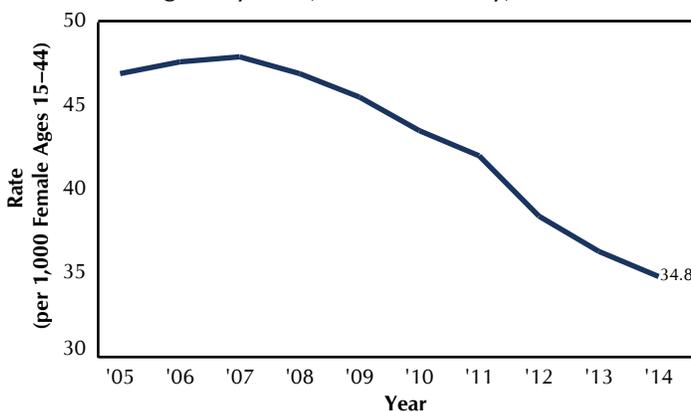
- The 2014 citywide crude rate of induced terminations of pregnancy was 34.8 terminations per 1,000 females aged 15 to 44 years, continuing its decline, down 4.1% since 2013.

- This rate decreased each year since 2007, when it neared 48 terminations per 1,000 female ages 15 to 44 years. It has declined 25.8% since 2005.

- More detailed information on induced terminations of pregnancy rates can be found in Table 1.

PREGNANCY OUTCOMES OVERVIEW

Table 1. Pregnancy Outcomes, Pregnancy Outcome Rates*, and Pregnancy Rates* by Mother's Age Group, Racial/Ethnic Group, and Borough of Residence, New York City, 2014

	Age of Woman†	Live Births		Spontaneous Terminations		Induced Terminations		Pregnancy	
	Years	Counts‡	Rates per 1,000	Counts‡	Rates per 1,000	Counts‡	Rates per 1,000	Counts‡	Rates per 1,000
New York City§	15-19	4,572	19.4	412	1.8	7,067	30.0	12,051	51.2
	20-29	51,473	70.8	3,816	5.2	38,109	52.4	93,398	128.5
	30-39	59,592	87.1	5,540	8.1	19,724	28.8	84,856	124.0
	40-49	6,447	11.1	1,481	2.5	2,718	4.7	10,646	18.3
	Total	122,084	14.4	11,250	5.8	67,620	34.8	200,954	103.5
Ethnic Group§|									
Hispanic	15-19	2,650	31.7	136	1.6	2,533	30.3	5,319	63.6
	20-29	17,895	85.1	991	4.7	11,920	56.7	30,806	146.4
	30-39	13,820	72.4	1,091	5.7	5,300	27.8	20,211	105.8
	40-49	1,285	7.6	261	1.5	618	3.7	2,164	12.8
	Total	35,650	14.5	2,479	4.3	20,371	35.7	58,500	102.6
Asian and Pacific Islander	15-19	168	5.6	10	0.3	235	7.9	413	13.9
	20-29	8,318	76.3	237	2.2	2,217	20.3	10,772	98.8
	30-39	11,247	100.5	525	4.7	1,745	15.6	13,517	120.8
	40-49	1,013	10.8	105	1.1	350	3.7	1,468	15.7
	Total	20,746	17.3	877	2.9	4,547	15.2	26,170	87.3
Non-Hispanic White	15-19	450	8.1	43	0.8	517	9.3	1,010	18.2
	20-29	13,734	58.1	784	3.3	5,026	21.3	19,544	82.7
	30-39	23,468	103.8	1,657	7.3	3,288	14.5	28,413	125.6
	40-49	2,791	17.0	453	2.8	570	3.5	3,814	23.2
	Total	40,443	14.7	2,937	4.9	9,401	15.6	52,781	87.6
Non-Hispanic Black	15-19	1,239	20.3	129	2.1	3,168	51.8	4,536	74.2
	20-29	10,946	69.7	984	6.3	15,693	99.9	27,623	175.9
	30-39	10,218	71.6	1,129	7.9	7,583	53.1	18,930	132.6
	40-49	1,277	8.8	324	2.2	921	6.3	2,522	17.3
	Total	23,680	12.4	2,566	6.0	27,367	63.5	53,613	124.5
Borough of Residence¶									
Manhattan	15-19	461	12.2	55	1.5	926	24.5	1,442	38.2
	20-29	5,107	29.4	479	2.8	6,564	37.7	12,150	69.9
	30-39	11,161	73.0	1,015	6.6	3,484	22.8	15,660	102.5
	40-49	1,414	13.1	284	2.6	495	4.6	2,193	20.3
	Total	18,143	11.1	1,833	4.4	11,469	27.3	31,445	74.8
Bronx	15-19	1,367	27.9	121	2.5	1,908	38.9	3,396	69.3
	20-29	10,413	86.3	822	6.8	9,189	76.1	20,424	169.2
	30-39	7,541	71.3	824	7.8	4,234	40.0	12,599	119.1
	40-49	711	7.1	195	1.9	487	4.8	1,393	13.8
	Total	20,032	13.9	1,962	6.0	15,818	48.7	37,812	116.4
Brooklyn	15-19	1,499	20.2	132	1.8	2,068	27.9	3,699	50.0
	20-29	18,902	84.4	1,292	5.8	10,642	47.5	30,836	137.8
	30-39	18,755	86.4	1,685	7.8	5,575	25.7	26,015	119.8
	40-49	2,034	11.6	499	2.8	767	4.4	3,300	18.8
	Total	41,190	15.7	3,609	6.0	19,054	31.5	63,853	105.5
Queens	15-19	922	15.3	64	1.1	1,425	23.7	2,411	40.0
	20-29	11,922	67.4	823	4.7	7,886	44.6	20,631	116.7
	30-39	12,837	72.1	1,166	6.5	4,246	23.8	18,249	102.5
	40-49	1,256	7.7	304	1.9	628	3.8	2,188	13.4
	Total	26,937	11.6	2,357	4.7	14,185	28.5	43,479	87.5
Staten Island	15-19	191	13.3	26	1.8	231	16.1	448	31.2
	20-29	2,172	68.3	176	5.5	988	31.1	3,336	104.9
	30-39	2,648	86.8	285	9.3	480	15.7	3,413	111.9
	40-49	244	7.2	66	1.9	60	1.8	370	10.9
	Total	5,255	11.1	553	5.9	1,759	18.9	7,567	81.2

Note: Population data used to calculate rates are 2014 estimates from US Census Bureau. See Technical Notes: Population.

*See Technical Notes: Population, Vital Event Rates.

†The denominators for total rates are females ages 15-44 except for total birth rates which are all population.

‡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.

BIRTH RATE

Figure 4. Birth Rate by Mother's Racial/Ethnic Group, New York City, 2005–2014
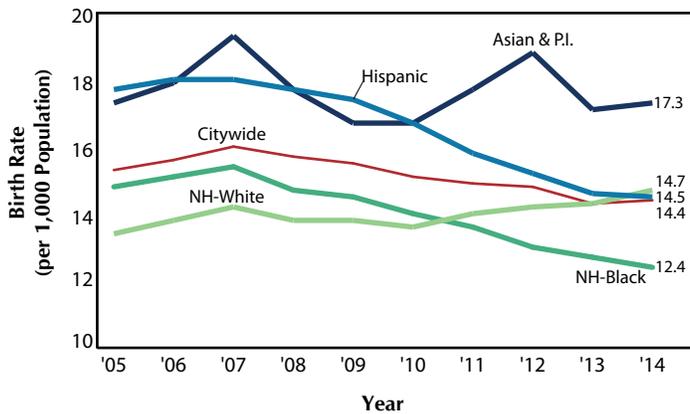
- In 2014, the birth rate was the highest among Asians and Pacific Islanders at 17.3 births per 1,000 population, followed by 14.7 among non-Hispanic whites, 14.5 among Hispanics, and 12.4 among non-Hispanic blacks.

- From 2005 to 2014, birth rates increased among non-Hispanic whites (9.7%) and decreased among Hispanics (18.1%) and non-Hispanic blacks (16.2%).

- Birth rates are the highest in the city's poorest neighborhoods at 18.6 births per 1,000 population as compared to 9.5 for the low poverty neighborhoods. In 2014, birth rates were 2.0 times greater in the city's very high poverty neighborhoods compared to the city's low poverty neighborhoods, as compared to 1.7 in 2005.

- Since 2005, birth rates increased 1.6% in the very high poverty neighborhood. The birth rate decreased since 2005 by 15.7% in the high poverty, 4.6% in medium poverty and 12.8% in the low poverty neighborhoods (data not shown).

Figure 5. Birth Rate by Neighborhood Poverty*, New York City Residents, 2005 and 2014
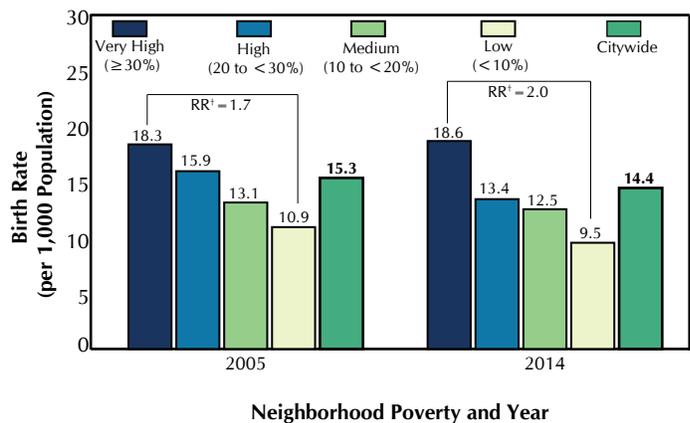
Neighborhood Poverty and Year

*Neighborhood poverty (based on mother's NYC resident census tract) defined as percent of residents with incomes below 100% of the Federal Poverty Level, per American Community Survey (ACS) 2005-2009 for 2005 data and per ACS 2009-2013 for 2014 data.

†Rate Ratio.

Figure 6. Birth Rate by Mother's Age Group, New York City, 2005–2014
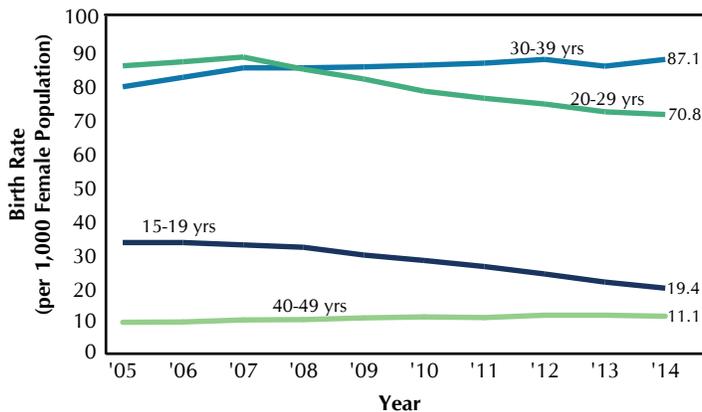
- In 2014, the birth rate among women aged 30 to 39 years of age continued to be highest in New York City, at 87.1 births per 1,000 female population followed by women 20 to 29 at 70.8, then women 15 to 19 years old and 40 to 49 years old with birth rates of 19.4 and 11.1, respectively.

- Since 2005, the teen birth rate (15-19 years of age) decreased 41.0% from 32.9 to 19.4 births per 1,000 women. Since 2013, the rate decreased 8.5% from 21.2.

BIRTH RATE

Figure 7. Crude Birth Rate by Community District of Residence, New York City, 2014

Birth Rate per 1,000 Population

- 15.7 - 27.4
- 13.7 - 15.6
- 11.9 - 13.6
- 10.4 - 11.8
- 5.7 - 10.3
- DPHO Neighborhood
- Parks & Airports

Citywide average: 14.4

Source: Bureau of Vital Statistics, based on events occurring in 2014.

- For 2014, the community district with the highest crude birth rate was Borough Park with 27.4 births per 1,000 population, followed by 20.7 in both Sunset Park and Williamsburg/Greenpoint, 18.7 in Battery Park/Tribeca and 17.9 in Morrisania.

- The community district with the lowest crude birth rate was Bayside with 5.7 births per 1,000 population, then Throgs Neck with 8.1, Greenwich Village/SOHO with 8.3, the Lower East Side with 8.5, and Queens Village with 8.6.

Crude Birth Rates by Community District (CD) of Residence, New York City, 2014

CD	MANHATTAN	Birth Rate	CD	BRONX	Birth Rate	CD	BROOKLYN	Birth Rate	CD	QUEENS	Birth Rate
MN01	Battery Park, Tribeca	18.7	BX01	Mott Haven	17.2	BK01	Williamsburg, Greenpoint	20.7	QN01	Astoria, Long Island City	10.0
MN02	Greenwich Village, SOHO	8.3	BX02	Hunts Point	16.6	BK02	Fort Green, Brooklyn Heights	16.1	QN02	Sunnyside, Woodside	14.0
MN03	Lower East Side	8.5	BX03	Morrisania	17.9	BK03	Bedford Stuyvesant	15.1	QN03	Jackson Heights	14.3
MN04	Chelsea, Clinton	9.5	BX04	Concourse, Highbridge	16.8	BK04	Bushwick	13.1	QN04	Elmhurst, Corona	14.4
MN05	Midtown Business District	10.3	BX05	University /Morris Heights	16.8	BK05	East New York	14.4	QN05	Ridgewood, Glendale	11.6
MN06	Murray Hill	9.3	BX06	East Tremont	15.5	BK06	Park Slope	17.1	QN06	Rego Park, Forest Hills	12.3
MN07	Upper West Side	11.6	BX07	Fordham	14.8	BK07	Sunset Park	20.7	QN07	Flushing	11.6
MN08	Upper East Side	11.4	BX08	Riverdale	10.5	BK08	Crown Heights North	12.8	QN08	Fresh Meadows, Briarwood	11.8
MN09	Manhattanville	9.4	BX09	Unionport, Soundview	14.0	BK09	Crown Heights South	15.5	QN09	Woodhaven	12.7
MN10	Central Harlem	14.4	BX10	Throgs Neck	8.1	BK10	Bay Ridge	13.6	QN10	Howard Beach	10.0
MN11	East Harlem	12.6	BX11	Pelham Parkway	12.0	BK11	Bensonhurst	13.0	QN11	Bayside	5.7
MN12	Washington Heights	11.8	BX12	Williamsbridge	11.3	BK12	Borough Park	27.4	QN12	Jamaica, St. Albans	12.4
						BK13	Coney Island	11.4	QN13	Queens Village	8.6
CD	**STATEN ISLAND**					BK14	Flatbush, Midwood	15.6	QN14	The Rockaways	10.7
SI01	Port Richmond	12.6				BK15	Sheepshead Bay	12.6			
SI02	Willowbrook, South Beach	10.3				BK16	Brownsville	15.4			
SI03	Tottenville	10.1				BK17	East Flatbush	12.7			
						BK18	Canarsie	11.7			

TEEN BIRTHS

Figure 8. Teen Birth Rate by Mother's Racial/Ethnic Group, New York City, 2005-2014

- From 2005 to 2014, teen birth rates declined 41.0% overall and among all racial/ethnic groups: 40.6% among Hispanics, 45.4% among non-Hispanic blacks, 27.0% among non-Hispanic whites and 23.3% among Asian Pacific Islanders.

- In 2014, the teen birth rate among non-Hispanic blacks was 2.5 times higher than among non-Hispanic whites reflecting a narrowing of the 2005 difference, which was 3.3 times higher.

- The teen birth rate disparity between Hispanics and non-Hispanic whites also narrowed. Rates for Hispanics were 4.8 times higher than whites in 2005, and 3.9 times higher in 2014.

- Teen birth rates were the highest in the city's poorest neighborhoods. In 2005 and 2014, teen birth rates were 3.6 and 5.9 times greater in the city's very high poverty neighborhoods compared to the low poverty neighborhoods, respectively.

- Between 2005 and 2014, teen birth rates declined across all poverty levels: 32.9% in the city's very high poverty neighborhoods, 45.4% in high poverty neighborhoods, 51.6% in medium poverty neighborhoods, and 58.5% in low poverty neighborhoods.

Figure 9. Teen Birth Rate by Neighborhood Poverty*, New York City Residents, 2005 and 2014
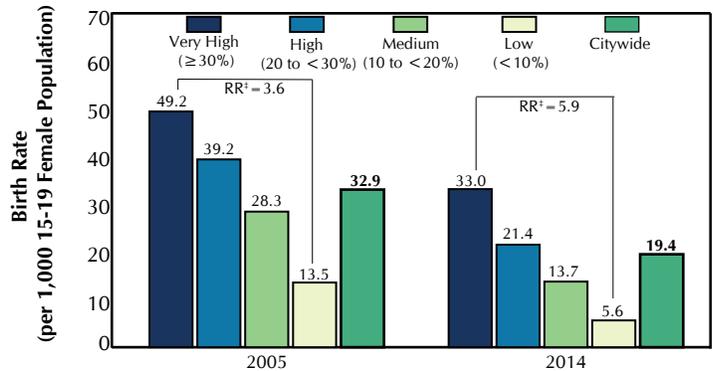
Neighborhood Poverty and Year

*Neighborhood poverty (based on mother's NYC resident census tract) defined as percent of residents with incomes below 100% of the Federal Poverty Level, per American Community Survey (ACS) 2005-2009 for 2005 data and per ACS 2009-2013 for 2014 data.

†Rate Ratio.

Figure 10. Teen Birth Rate by Age, New York City, 2005-2014
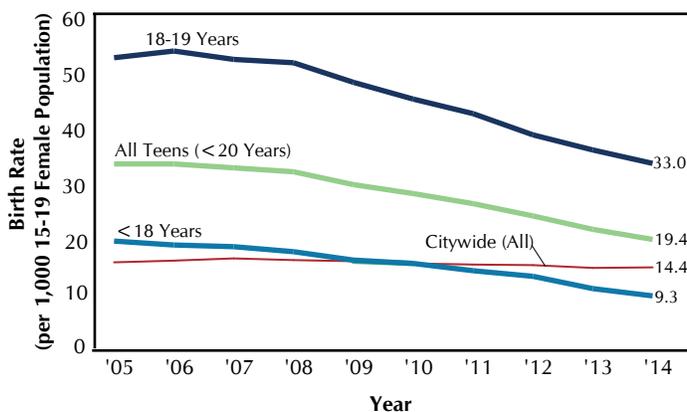
- Birth rates for teens 18-19 years old is 2.3 times the citywide birth rate.

- The birth rates for teens less than 18 is about 35.4% lower then the citywide birth rate and half the birth rate for women 20 years or older.

- Birth rates have fallen for all teenagers regardless of age. For teens less than 18 years of age, the birth rate has declined by 51% from 19.1 births per 1,000 female population in 2005 to 9.3 in 2014.

TEEN BIRTHS

Figure 11. Percent of Live Births to Teenagers by Community District of Residence, New York City, 2012-2014

Percent of Live Births to Teenagers (Age < 20 Years)

- 7.5 - 10.1
- 5.3 - 7.4
- 3.5 - 5.2
- 2.0 - 3.4
- 0.1 - 1.9
- DPHO Neighborhood
- Parks & Airports

Citywide average: 4.2%

Source: Bureau of Vital Statistics, based on events occurring in 2012-2014.

- The community district with highest percentage of live births to teenagers (<20 years) was East Tremont with 10.1%, followed by Morrisania with 9.5%, Hunts Point with 9.2%, Mott Haven with 9.0%, and Brownsville with 8.9%.

- The following community districts had less than 1% of live births to teenagers: Battery Park/Tribeca, Murray Hill, Greenwich Village/SOHO, Upper East Side, and Rego Park/Forest Hills.

Percent of Live Births to Teenagers by Community District of Residence, New York City, 2012-2014

CD	MANHATTAN	Birth Percent	CD	BRONX	Birth Percent	CD	BROOKLYN	Birth Percent	CD	QUEENS	Birth Percent
MN01	Battery Park, Tribeca	0.1	BX01	Mott Haven	9.0	BK01	Williamsburg, Greenpoint	2.3	QN01	Astoria, Long Island City	3.4
MN02	Greenwich Village, SOHO	0.4	BX02	Hunts Point	9.2	BK02	Fort Green, Brooklyn Heights	2.0	QN02	Sunnyside, Woodside	2.6
MN03	Lower East Side	3.7	BX03	Morrisania	9.5	BK03	Bedford Stuyvesant	6.7	QN03	Jackson Heights	5.5
MN04	Chelsea, Clinton	1.5	BX04	Concourse, Highbridge	8.7	BK04	Bushwick	8.3	QN04	Elmhurst, Corona	4.7
MN05	Midtown Business District	1.1	BX05	University /Morris Heights	8.8	BK05	East New York	8.4	QN05	Ridgewood, Glendale	4.5
MN06	Murray Hill	0.3	BX06	East Tremont	10.1	BK06	Park Slope	1.9	QN06	Rego Park, Forest Hills	0.7
MN07	Upper West Side	1.1	BX07	Fordham	7.4	BK07	Sunset Park	3.6	QN07	Flushing	1.7
MN08	Upper East Side	0.4	BX08	Riverdale	4.1	BK08	Crown Heights North	5.7	QN08	Fresh Meadows, Briarwood	2.0
MN09	Manhattanville	4.7	BX09	Unionport, Soundview	7.4	BK09	Crown Heights South	3.0	QN09	Woodhaven	4.6
MN10	Central Harlem	5.4	BX10	Throgs Neck	5.2	BK10	Bay Ridge	2.0	QN10	Howard Beach	5.0
MN11	East Harlem	6.9	BX11	Pelham Parkway	5.4	BK11	Bensonhurst	2.5	QN11	Bayside	1.3
MN12	Washington Heights	5.9	BX12	Williamsbridge	7.8	BK12	Borough Park	2.2	QN12	Jamaica, St. Albans	6.1
						BK13	Coney Island	5.3	QN13	Queens Village	3.8
CD	**STATEN ISLAND**					BK14	Flatbush, Midwood	3.7	QN14	The Rockaways	6.8
SI01	Port Richmond	6.5				BK15	Sheepshead Bay	2.7			
SI02	Willowbrook, South Beach	2.2				BK16	Brownsville	8.9			
SI03	Tottenville	1.2				BK17	East Flatbush	5.2			
						BK18	Canarsie	3.3			

INDUCED TERMINATION OF PREGNANCY

Figure 12. Age-adjusted Induced Termination of Pregnancy Rate by Mother's Racial/Ethnic Group, New York City, 2005-2014

- The 2014 citywide crude rate of induced terminations of pregnancy, at 34.8 terminations per 1,000 female aged 15 to 44 years, declined 25.8% since 2005 (Figure 3). Similarly, age-adjusted rates among each racial/ethnic group declined: 28.7% among Hispanics, 28.4% among non-Hispanic blacks, 15.5% among Asian and Pacific Islanders and 9.6% among non-Hispanic whites.

- The disparity between non-Hispanic white and non-Hispanic black induced termination of pregnancy rate has narrowed since 2005; the rate was 4.2 times greater among non-Hispanic blacks than non-Hispanic whites (63.4 per 1,000 females age 15-44 vs. 14.4) in 2014, compared to 5.3 in 2005.

- Since 2005, the crude rate of induced termination of pregnancy has declined 49.1% among teens from 58.9 terminations per 1,000 female 15 to 19 years of age in 2005 to 30.0 in 2014, followed by a 25.8% decline for women 20 to 29 years of age, 17.2% among women 30 to 39 years of age and 9.6% among women 40 and older.

- Rates remain the highest among women 20 to 29 years of age, followed by teens, then women 30 to 39 years of age and women 40 and over.

Figure 13. Age-specific Induced Termination of Pregnancy Rate by Mother's Age, New York City, 2005–2014
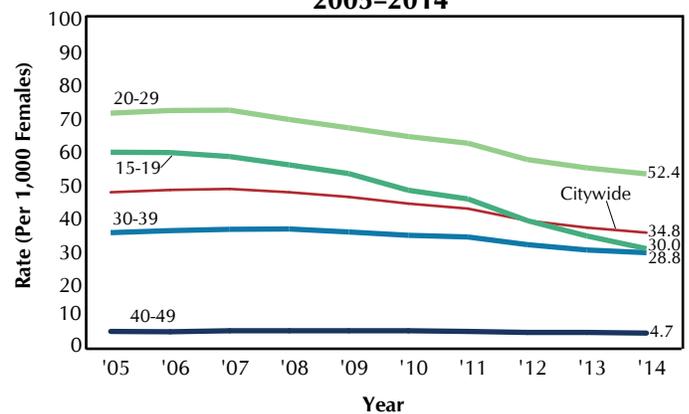
Figure 14. Crude Induced Termination of Pregnancy Rate by Medical vs. Surgical Procedure, New York City, 2005–2014
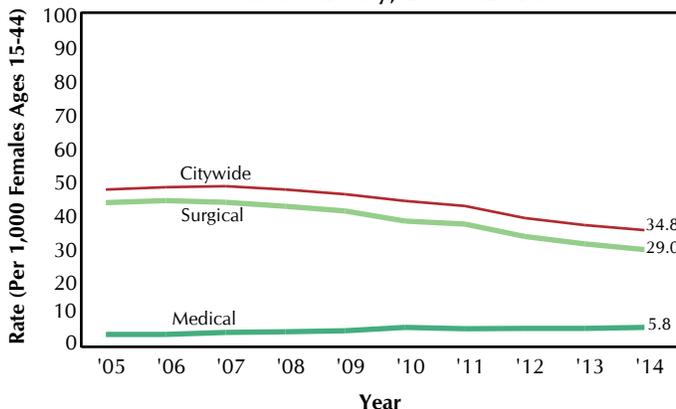
- Medication-induced abortion, using mifepristone in combination with misoprostol is termed a "medical abortion" and may be performed up to nine weeks gestation, rather than a surgical procedure, to terminate a pregnancy. Medical abortion is not to be confused with the morning-after pill, also known as emergency contraception, used to prevent pregnancy.

- Since 2005, the crude rate of medical abortion in New York City has increased 56.8%, to 5.8 terminations per 1,000 females age 15-44, while the rate of surgical abortion has decreased 32.6% to 29.0%.

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SUMMARY OF VITAL STATISTICS
2014
THE CITY OF NEW YORK
Appendix A

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

POPULATION CHARACTERISTICS

Table PC1. Population, Live Births, Fertility Rates, Marriages, Deaths, and Infant Mortality, New York City, 1898-2014

Year	Population	Live Births Total Reported*	Live Births Rate per 1,000 Population	Fertility Rates Per 1,000 Women Aged 15-44	Marriages‡ Total Reported*	Marriages‡ Rate per 1,000 Population	Deaths Total Reported*	Deaths Rate per 1,000 Population	Infant Mortality Deaths Under One Year*	Infant Mortality 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	121.0
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	100.0
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	8.0	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
2013	8,405,837	120,457	14.3	62.6	77,678	9.2	53,409	6.4	551	4.6
2014	8,491,079	122,084	14.4	62.9	78,409	9.2	53,034	6.2	516	4.2

*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 population.

‡ See Technical Notes: Births, Mother's martial status.

Table PC2. Population Estimates by Age, Mutually Exclusive Race and Hispanic Origin, and Sex, New York City, 2014

Age in Years	All Total	All Male	All Female	Hispanic Total	Hispanic Male	Hispanic Female	Non-Hispanic White Total	Non-Hispanic White Male	Non-Hispanic White Female	Non-Hispanic Black Total	Non-Hispanic Black Male	Non-Hispanic Black Female	Asian and Pacific Islander Total	Asian and Pacific Islander Male	Asian and Pacific Islander Female	Other or Multiple Races Total	Other or Multiple Races Male	Other or Multiple Races Female
All Ages	8,491,079	4,048,444	4,442,635	2,460,898	1,194,318	1,266,580	2,760,391	1,343,020	1,417,371	1,912,525	863,166	1,049,359	1,199,433	573,810	625,623	157,832	74,130	83,702
Under 5	567,546	290,483	277,063	198,248	101,329	96,919	154,809	79,375	75,434	120,981	61,478	59,503	71,143	36,922	34,221	22,365	11,379	10,986
5-9	482,871	246,347	236,524	169,975	86,794	83,181	130,178	66,572	63,606	110,889	56,067	54,822	57,448	29,694	27,754	14,381	7,220	7,161
10-14	466,544	237,926	228,618	164,244	83,901	80,343	115,428	59,459	55,969	117,795	58,925	58,870	57,742	29,824	27,918	11,335	5,817	5,518
15-19	474,154	238,737	235,417	170,275	86,622	83,653	111,068	55,687	55,381	121,984	60,871	61,113	60,097	30,307	29,790	10,730	5,250	5,480
20-24	625,272	304,715	320,557	212,540	108,294	104,246	162,758	76,469	86,289	150,972	72,819	78,153	86,766	41,387	45,379	12,236	5,746	6,490
25-29	785,587	379,039	406,548	217,835	111,695	106,140	284,516	134,564	149,952	150,251	71,380	78,871	118,637	55,038	63,599	14,348	6,362	7,986
30-34	720,310	350,257	370,053	203,653	103,295	100,358	256,542	127,893	128,649	135,956	61,945	74,011	111,417	51,456	59,961	12,742	5,668	7,074
35-39	611,611	297,283	314,328	179,985	89,392	90,593	201,058	103,577	97,481	123,622	54,876	68,746	96,855	44,937	51,918	10,091	4,501	5,590
40-44	569,935	276,049	293,886	166,821	81,861	84,960	177,529	92,510	85,019	124,161	54,333	69,828	92,223	43,086	49,137	9,201	4,259	4,942
45-49	556,047	268,011	288,036	161,382	77,485	83,897	165,856	86,736	79,120	135,669	59,753	75,916	84,317	39,912	44,405	8,823	4,125	4,698
50-54	561,075	266,623	294,452	151,210	70,277	80,933	172,130	88,593	83,537	143,436	62,833	80,603	86,037	41,157	44,880	8,262	3,763	4,499
55-59	523,052	244,124	278,928	128,928	58,209	70,719	176,324	86,894	89,430	129,657	56,195	73,462	80,888	39,492	41,396	7,255	3,334	3,921
60-64	448,207	203,127	245,080	103,902	44,959	58,943	169,390	80,463	88,927	104,182	43,848	60,334	65,399	31,502	33,897	5,334	2,355	2,979
65-69	358,322	157,623	200,699	79,393	33,534	45,859	146,886	67,677	79,209	80,578	32,251	48,327	47,491	22,433	25,058	3,974	1,728	2,246
70-74	254,306	106,925	147,381	57,275	23,083	34,192	103,017	45,720	57,297	60,618	22,757	37,861	30,814	14,259	16,555	2,582	1,106	1,476
75-79	192,650	78,722	113,928	42,110	16,174	25,936	82,219	35,539	46,680	43,181	15,566	27,615	23,300	10,707	12,593	1,840	736	1,104
80-84	136,906	52,271	84,635	27,608	9,628	17,980	64,879	26,532	38,347	28,105	9,179	18,926	15,199	6,526	8,673	1,115	406	709
85 & Over	156,684	50,182	106,502	25,514	7,786	17,728	85,804	28,760	57,044	30,488	8,090	22,398	13,660	5,171	8,489	1,218	375	843

Data Source: US Census Bureau, population estimates, 2014.

Table PC3. Marriages, Births, Deaths, and Infant Deaths by Month and Average per Day, New York City, 2014

Months	Number				Average Per Day			
	Marriages*	Births	Deaths	Infant Deaths	Marriages	Births	Deaths	Infant Deaths
January	4,950	10,163	4,952	34	160	328	160	1.1
February	5,222	9,109	4,246	39	187	325	152	1.4
March	6,210	9,871	4,750	56	200	318	153	1.8
April	7,240	9,547	4,674	34	241	318	156	1.1
May	7,498	10,352	4,326	43	242	334	140	1.4
June	7,293	10,095	4,081	48	243	337	136	1.6
July	7,349	10,814	4,058	36	237	349	131	1.2
August	7,865	10,807	4,159	60	254	349	134	1.9
September	6,997	10,614	4,150	31	233	354	138	1.0
October	6,581	10,489	4,453	44	212	338	144	1.4
November	4,969	9,891	4,485	48	166	330	150	1.6
December	6,235	10,332	4,700	43	201	333	152	1.4
Total	78,409	122,084	53,034	516	215	334	145	1.4

* See Technical Notes: Births, Mother's Martial Status.

Table M1. Deaths by Selected Underlying Cause, Borough of Residence, Sex, and ICD-10/ICD-9 Comparability Ratio, New York City, 2014

Cause (Codes from International Classification of Diseases (ICD), Tenth Revision, 1999)	Total	BOROUGH OF RESIDENCE							SEX		ICD-10/ICD-9 Comparability Ratio
		Manhattan	Bronx	Brooklyn	Queens	Staten Island	Nonresidents	Residence Unknown	Male	Female	
Total Deaths	53,034	9,439	8,751	14,989	12,337	3,428	3,981	109	26,090	26,944	
Natural Causes	50,081	8,903	8,257	14,185	11,704	3,228	3,721	83	24,005	26,076	
1.* Tuberculosis (A16-A19)	31	5	5	8	10	2	1	–	21	10	0.88
Respiratory tuberculosis (A16)	22	3	4	6	7	2	–	–	13	9	0.94
2.* Septicemia (A40-A41)	510	93	96	146	129	16	30	–	244	266	1.19
3.* Viral Hepatitis (B15-B19)	343	62	87	87	53	24	30	–	201	142	0.71
4.* Human Immunodeficiency Virus (HIV) Disease (B20-B24)	523	105	158	157	50	21	27	5	359	164	1.08
5. All Other Infective and Parasitic Diseases (Rest of A01-B99)	333	58	47	100	89	16	21	2	132	201	1.01
6.* Malignant Neoplasms (C00-C97)	13,380	2,459	2,069	3,663	2,849	826	1,500	14	6,602	6,778	1.01
Lip, oral cavity, and pharynx (C00-C14)	200	43	32	56	42	6	21	–	138	62	0.96
Esophagus (C15)	279	52	56	66	55	21	29	–	198	81	0.99
Stomach (C16)	487	79	57	165	114	26	45	1	282	205	1.01
Colon, rectum, and anus (C18-C21)	1,268	215	218	356	269	96	112	2	628	640	1.00
Liver and intrahepatic bile ducts (C22)	703	114	142	177	153	47	69	1	469	234	0.96
Pancreas (C25)	998	202	160	255	222	54	104	1	486	512	1.00
Larynx (C32)	96	22	23	22	18	5	6	–	78	18	1.01
Trachea, bronchus, and lung (C33-C34)	2,659	512	384	738	567	198	257	3	1,405	1,254	0.98
Melanoma of skin (C43)	138	18	15	20	34	15	36	–	90	48	0.95
Mesothelioma (C45)	40	8	3	5	11	5	8	–	32	8	
Breast (C50)	1,115	204	189	327	226	56	113	–	17	1,098	1.01
Cervix uteri (C53)	160	25	38	43	32	10	12	–	–	160	1.00
Corpus uteri and uterus, part unspecified (C54-C55)	367	70	51	112	81	17	36	–	–	367	1.02
Ovary (C56)	338	70	53	91	72	12	40	–	–	338	0.99
Prostate (C61)	750	153	131	217	150	35	63	1	750	–	1.01
Kidney and renal pelvis (C64-C65)	232	35	36	69	49	19	24	–	139	93	1.00
Bladder (C67)	364	65	40	113	83	31	32	–	248	116	1.00
Meninges, brain, and other parts of central nervous system (C70-C72)	308	58	39	76	59	33	42	1	167	141	0.98
Lymphoid, hematopoietic and related tissues (C81-C96)	1,359	259	183	328	264	67	257	1	735	624	1.00
Hodgkin's disease (C81)	40	5	7	7	10	3	8	–	19	21	1.00
Non-Hodgkin's lymphoma (C82-C85)	477	92	64	111	103	21	86	–	264	213	0.98
Multiple myeloma and immunoproliferative neoplasms (C88, C90)	296	68	39	79	58	14	38	–	153	143	1.04
Leukemia (C91-C95)	545	94	73	130	93	29	125	1	298	247	1.01
7.* In Situ or Benign Neoplasms and Neoplasms of Uncertain or Unknown Behavior (D00-D48)	357	65	38	85	95	11	63	–	185	172	1.63
8.* Anemias (D50-D64)	64	12	14	21	9	6	2	–	41	23	0.94
9.* Diabetes Mellitus (E10-E14)	1,798	273	311	642	396	103	71	2	893	905	1.02
10.† Mental and Behavioral Disorders Due to Use of Alcohol (F10)	211	35	39	67	39	10	15	6	162	49	
11. Mental and Behavioral Disorders Due to Use of Psychoactive Substance Excluding Alcohol and Tobacco (F11-F16, F18-F19) ‡	170	32	73	30	14	3	13	5	126	44	
12. Diseases of Nervous System (G00-G98)	1,749	480	265	382	443	95	84	–	657	1,092	
* Meningitis (G00,G03)	11	2	3	2	3	–	1	–	9	2	1.01
* Parkinson's disease (G20-G21)	322	98	38	82	77	16	11	–	175	147	1.01
* Alzheimer's disease (G30)	789	233	145	166	184	32	29	–	215	574	1.58
13. Major Cardiovascular Diseases (I00-I78)	19,715	3,223	3,229	5,697	4,969	1,450	1,117	30	9,365	10,350	1.00
* Diseases of heart (I00-I09, I11, I13, I20-I51)	16,517	2,636	2,666	4,809	4,182	1,293	903	28	7,961	8,556	0.99
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	55	14	13	5	11	2	10	–	23	32	0.88
Hypertensive heart disease (I11)	1,927	370	382	635	344	118	75	3	948	979	0.80
Hypertensive heart and renal disease (I13)	175	35	55	40	28	9	8	–	90	85	1.13
Chronic ischemic heart disease (I20, I25)	10,443	1,486	1,563	3,008	2,955	875	535	21	5,066	5,377	1.01
Acute myocardial infarction (I21-I22)	2,193	383	400	637	438	219	114	2	1,054	1,139	0.99
Cardiomyopathy (I42)	130	21	21	32	28	8	19	1	94	36	

Continued on the next page.

Table M1. Deaths by Selected Underlying Cause, Borough of Residence, Sex, and ICD-10/ICD-9 Comparability Ratio, New York City, 2014 (Continued).

Cause (Codes from International Classification of Diseases (ICD), Tenth Revision, 1999)	Total	BOROUGH OF RESIDENCE							SEX		ICD-10/ICD-9 Comparability Ratio
		Manhattan	Bronx	Brooklyn	Queens	Staten Island	Nonresidents	Residence Unknown	Male	Female	
Heart failure (I50)	464	105	57	151	109	15	27	–	206	258	1.04
* Essential hypertension and hypertensive renal disease (I10, I12, I15)	991	183	207	270	231	42	58	–	451	540	1.12
* Cerebrovascular diseases (I60-I69)	1,787	331	287	498	461	89	120	1	745	1,042	1.05
* Atherosclerosis (I70)	139	18	23	36	42	13	6	1	59	80	0.97
* Aortic aneurysm and dissection (I71)	148	20	22	48	30	9	19	–	85	63	1.00
14.* Influenza and Pneumonia (J09-J18)	2,220	326	373	713	572	124	107	5	1,073	1,147	0.70
15.* Chronic Lower Respiratory Diseases (J40-J47)	1,827	357	319	467	441	157	83	3	845	982	1.04
Emphysema (J43)	128	20	15	34	38	18	3	–	68	60	0.96
Asthma (J45-J46)	182	33	52	59	28	5	4	1	83	99	0.89
16. Pneumoconiosis Due to Asbestos and Other Mineral Fibres (J61)	0	–	–	–	–	–	–	–	–	–	
17.* Pneumonitis Due to Solids and Liquids (J69)	104	16	14	37	25	4	8	–	56	48	1.10
18.* Peptic Ulcer (K25-K28)	80	13	12	22	23	7	3	–	41	39	0.97
19.* Chronic Liver Disease and Cirrhosis (K70, K73-K74)	589	94	117	142	144	29	58	5	408	181	1.03
Alcoholic liver disease (K70)	404	64	85	97	90	23	41	4	310	94	1.00
20.* Cholelithiasis and Other Disorders of Gallbladder (K80-K82)	86	16	13	23	23	7	4	–	34	52	0.96
21.* Nephritis, Nephrotic Syndrome, and Nephrosis (N00-N07, N17-N19, N25-N27)	486	66	81	161	114	22	41	1	247	239	1.26
Renal failure (N17-N19)	475	63	78	158	114	22	39	1	241	234	1.33
22.* Pregnancy, Childbirth, and the Puerperium (O00-O99)	27	5	4	7	5	3	3	–	–	27	1.14
Maternal causes|| (A34, O00-O95, O98-O99)	23	5	4	4	5	2	3	–	–	23	
23.* Certain Conditions Originating in the Perinatal Period (P00-P96)	282	37	52	75	64	13	40	1	161	121	1.08
24.* Congenital Malformations, Deformations, and Chromosomal Abnormalities (Q00-Q99)	208	22	27	69	38	9	43	–	105	103	0.90
25. Symptoms, Signs, and Abnormal Findings, Not Elsewhere Classified (R00-R94, R96-R99)	288	110	26	70	56	15	11	–	115	173	0.98
26. Sudden Infant Death Syndrome (R95)	4	–	1	1	–	2	–	–	3	1	1.06
Pending final determination (R99)	1	–	–	–	–	1	–	–	–	1	
27. All Other Natural Causes (Rest of A00-R99)	4,696	939	787	1,313	1,054	253	346	4	1,929	2,767	
External Causes	2,953	536	494	804	633	200	260	26	2,085	868	
Injury by Firearms (W32-W34, X72-X74, X93-X95, Y22-Y24, Y35.0)	257	30	60	87	46	15	18	1	241	16	1.00
28.† Accidents (V01-X59,Y85-Y86)	1,749	314	273	486	370	137	151	18	1,198	551	1.03
Accidental poisoning by psychoactive substances, excluding alcohol and tobacco (X40-X42, X44) ‡	723	129	126	190	124	72	75	7	529	194	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) ‡	893	161	199	220	138	75	88	12	655	238	
† Accidents except poisoning by psychoactive substance use	1,026	185	147	296	246	65	76	11	669	357	
Motor vehicle accidents ¶	271	29	40	83	77	16	25	1	187	84	0.95
Accidental falls (W00-W19)	439	80	59	137	108	25	29	1	251	188	0.77
29.* Intentional Self-harm (Suicide) (U03, X60-X84, Y87.0)	565	138	66	125	141	29	63	3	393	172	1.00
30.* Assault (Homicide) (U01-U02, X85-Y09, Y87.1)	353	32	106	115	64	16	19	1	300	53	1.00
31.* Legal Intervention (Y35, Y89.0)	7	2	–	4	–	1	–	–	7	–	0.94
32. Events of Undetermined Intent (Y10-Y34, Y87.2, Y89.9)	253	45	44	68	55	14	23	4	172	81	0.99
33.* Complications of Medical and Surgical Care (Y40-Y84, Y88)	26	5	5	6	3	3	4	–	15	11	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, 2014

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		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	No.	Rate	No.	Rate	No.	Rate	No.	No.	No.
All Ages	53,034	6.2	26,090	6.4	26,944	6.1	9,687	3.9	4,940	4.1	4,747	3.7	24,533	8.9	11,828	8.8	12,705	9.0	13,755	7.2	6,493	7.5	7,262	6.9	3,880	3.2	2,174	3.8	1,706	2.7	1,179	655	524
Age-Adjusted		5.9		7.2		4.9		5.1		6.3		4.1		6.1		7.3		5.1		7.0		8.8		5.8		3.8		4.7		3.0			
Under 5	600	1.1	332	1.1	268	1.0	135	0.7	74	0.7	61	0.6	137	0.9	78	1.0	59	0.8	202	1.7	100	1.6	102	1.7	56	0.8	33	0.9	23	0.7	70	47	23
5-9	63	0.1	40	0.2	23	0.1	18	0.1	9	0.1	9	0.1	11	0.1	8	0.1	3	0.0	24	0.2	16	0.3	8	0.1	5	0.1	3	0.1	2	0.1	5	4	1
10-14	70	0.2	43	0.2	27	0.1	16	0.1	10	0.1	6	0.1	11	0.1	7	0.1	4	0.1	24	0.2	15	0.3	9	0.3	10	0.2	5	0.2	5	0.2	9	6	3
15-19	138	0.3	84	0.4	54	0.2	30	0.2	19	0.2	11	0.1	38	0.4	20	0.4	18	0.3	51	0.4	34	0.6	17	0.3	14	0.2	8	0.3	6	0.2	5	3	2
20-24	355	0.6	271	0.9	84	0.3	103	0.5	80	0.7	23	0.2	83	0.5	55	0.7	28	0.3	132	0.9	105	1.4	27	0.3	28	0.3	24	0.6	4	0.1	9	7	2
25-29	421	0.5	294	0.8	127	0.3	107	0.5	77	0.7	30	0.3	143	0.5	100	0.7	43	0.3	127	0.8	88	1.2	39	0.5	30	0.3	19	0.3	11	0.2	14	10	4
30-34	517	0.7	343	1.0	174	0.5	132	0.6	92	0.9	40	0.4	163	0.6	121	0.9	42	0.4	173	1.3	97	1.6	76	1.0	37	0.3	24	0.5	13	0.2	12	9	3
35-39	635	1.0	406	1.4	229	0.7	167	0.9	109	1.2	58	0.6	185	0.9	138	1.3	47	0.5	189	1.5	103	1.9	86	1.3	65	0.7	38	0.8	27	0.5	29	18	11
40-44	927	1.6	572	2.1	355	1.2	251	1.5	162	2.0	89	1.0	257	1.4	164	1.8	93	1.1	319	2.6	185	3.4	134	1.9	71	0.8	48	1.1	23	0.5	29	13	16
45-49	1,483	2.7	922	3.4	561	1.9	351	2.2	232	3.0	119	1.4	417	2.5	275	3.2	142	1.8	568	4.2	323	5.4	245	3.2	99	1.2	61	1.5	38	0.9	48	31	17
50-54	2,344	4.2	1,469	5.5	875	3.0	537	3.6	365	5.2	172	2.1	712	4.1	466	5.3	246	2.9	843	5.9	480	7.6	363	4.5	184	2.1	115	2.8	69	1.5	68	43	25
55-59	3,257	6.2	1,958	8.0	1,299	4.7	654	5.1	410	7.0	244	3.5	1,082	6.1	672	7.7	410	4.6	1,143	8.8	627	11.2	516	7.0	278	3.4	182	4.6	96	2.3	100	67	33
60-64	4,031	9.0	2,435	12.0	1,596	6.5	831	8.0	526	11.7	305	5.2	1,502	8.9	935	11.6	567	6.4	1,280	12.3	711	16.2	569	9.4	312	4.8	201	6.4	111	3.3	106	62	44
65-69	4,528	12.6	2,611	16.6	1,917	9.6	876	11.0	503	15.0	373	8.1	1,864	12.7	1,096	16.2	768	9.7	1,357	16.8	739	22.9	618	12.8	322	6.8	198	8.8	124	4.9	109	75	34
70-74	4,754	18.7	2,557	23.9	2,197	14.9	942	16.4	516	22.4	426	12.5	1,908	18.5	1,064	23.3	844	14.7	1,424	23.5	707	31.1	717	18.9	368	11.9	199	14.0	169	10.2	112	71	41
75-79	5,537	28.7	2,779	35.3	2,758	24.2	1,060	25.2	494	30.5	566	21.8	2,461	29.9	1,304	36.7	1,157	24.8	1,472	34.1	645	41.4	827	29.9	442	19.0	273	25.5	169	13.4	102	63	39
80-84	6,534	47.7	3,082	59.0	3,452	40.8	1,148	41.6	516	53.6	632	35.2	3,335	51.4	1,649	62.2	1,686	44.0	1,443	51.3	606	66.0	837	44.2	502	33.0	262	40.1	240	27.7	106	49	57
≥85	16,840	107.5	5,892	117.4	10,948	102.8	2,329	91.3	746	95.8	1,583	89.3	10,224	119.2	3,676	127.8	6,548	114.8	2,984	97.9	912	112.7	2,072	92.5	1,057	77.4	481	93.0	576	67.9	246	77	169
Mean age at death	73.0		69.2		76.6		69.6		65.2		74.1		77.4		73.7		80.9		68.7		65.0		72.0		71.4		69.2		74.1		64.3	60.1	69.5
Median age at death	77		72		81		73		67		78		82		77		85		71		67		75		75		73		79		68	65	75

* Population data are from US Census Bureau estimates for July 1, 2014.

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Table M3. Deaths by Ancestry* and Borough of Residence, New York City, 2014

Ancestry	Total	Manhattan	Bronx	Brooklyn	Queens	Staten Island	Nonresidents	Residence Unknown
Total	53,034	9,439	8,751	14,989	12,337	3,428	3,981	109
Hispanic								
Colombian	320	22	19	19	237	6	16	1
Cuban	419	130	69	66	120	11	22	1
Dominican	2,008	697	715	262	261	13	60	–
Ecuadorian	442	64	76	73	199	9	21	–
Mexican	276	45	51	66	81	13	19	1
Puerto Rican	4,951	967	2,006	1,198	447	159	171	3
Other Hispanic	1,271	156	223	395	352	46	88	11
Non-Hispanic American and Caribbean								
African American	9,963	1,824	2,495	3,218	1,771	188	457	10
American	10,836	2,953	1,072	2,065	2,413	786	1,541	6
Guyanese	830	11	93	298	399	4	25	–
Haitian	730	38	20	454	175	5	38	–
Jamaican	921	30	222	395	193	7	74	–
Trinidadian	309	14	20	188	68	4	15	–
Other Non-Hispanic American and Caribbean	953	94	113	542	129	12	63	–
European								
English	181	52	14	18	33	41	23	–
German	630	108	64	62	257	74	65	–
Irish	1,442	130	191	192	482	277	169	1
Italian	3,996	126	435	1,077	983	1,080	295	–
Polish	729	78	43	220	269	69	50	–
Russian	1,002	55	22	718	148	39	19	1
Other European	2,589	317	137	951	878	164	141	1
Asian								
Asian Indian	369	29	21	24	210	19	66	–
Bangladeshi	140	7	12	41	76	1	3	–
Chinese	2,189	562	29	704	767	54	72	1
Filipino	253	33	25	20	132	20	23	–
Korean	312	23	8	11	220	23	27	–
Pakistani	155	9	8	58	47	12	21	–
Other Asian	569	88	54	134	208	27	58	–
Other								
Jewish or Hebrew	1,809	175	100	1,031	281	42	180	–
Other or Not Stated	2,440	602	394	489	501	223	159	72

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

Table M4. Deaths by Place of Death*, New York City, 2010-2014

Place of Death	2010 Deaths	2010 %	2011 Deaths	2011 %	2012 Deaths	2012 %	2013 Deaths	2013 %	2014 Deaths	2014 %
Total	52,575	100.0	52,789	100.0	52,455	100.0	53,409	100.0	53,034	100.0
Home	11,152	21.2	11,215	21.2	11,640	22.2	12,137	22.7	12,318	23.2
Hospital										
Voluntary	26,644	50.7	26,420	50.0	26,388	50.3	26,805	50.2	26,009	49.0
Proprietary	273	0.5	259	0.5	249	0.5	46	0.1	4	0.0
Municipal	4,560	8.7	4,605	8.7	4,217	8.0	4,399	8.2	4,397	8.3
Other Government	475	0.9	450	0.9	456	0.9	422	0.8	415	0.8
Nursing Home	5,822	11.1	8,072	15.3	8,637	16.5	8,828	16.5	9,200	17.3
Other Specified Place	3,649	6.9	1,768	3.3	868	1.7	772	1.4	691	1.3

* See Technical Notes: Deaths, Type of Place of Death.

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Table M5. Deaths by Birthplace and Borough of Residence, New York City, 2014

Birthplace	Total	Borough of Residence					Non-Residents	Residence Unknown
		Manhattan	Bronx	Brooklyn	Queens	Staten Island		
Total	53,034	9,439	8,751	14,989	12,337	3,428	3,981	109
United States & Territories	29,479	5,700	4,794	7,256	6,293	2,630	2,754	52
Puerto Rico	3,834	802	1,551	933	328	115	102	3
China	1,970	521	26	651	671	45	55	1
Dominican Republic	1,907	656	685	247	253	12	54	–
Ukraine	1,157	47	15	913	124	42	16	–
Jamaica	1,147	41	295	460	245	10	96	–
Italy	1,024	38	127	318	304	163	74	–
Guyana	872	14	96	325	406	3	28	–
Haiti	750	43	22	470	173	4	38	–
Poland	634	80	44	263	198	15	34	–
Trinidad and Tobago	554	24	42	348	106	10	24	–
Russia	519	38	11	330	102	19	18	1
Cuba	430	134	74	71	118	12	20	1
Ecuador	419	64	76	69	183	9	18	–
Germany	368	117	41	59	103	12	36	–
Greece	317	31	15	56	189	10	15	1
India	316	30	18	19	166	17	66	–
Colombia	306	21	20	18	227	7	12	1
Philippines	268	36	24	25	139	19	25	–
Mexico	253	43	51	56	75	11	17	–
Ireland	250	32	58	33	81	17	29	–
Romania	242	33	5	69	111	10	14	–
Barbados	240	23	18	148	37	4	10	–
Hungary	238	37	14	114	50	3	20	–
Panama	234	8	19	162	26	7	12	–
Other or Not Stated	5,306	826	610	1,576	1,629	222	394	49

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Table M6. Deaths by Birthplace and Age, New York City, 2014

Birthplace	Total	<15	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+
Total	53,034	733	493	938	1,562	3,827	7,288	9,282	12,071	16,840
United States & Territories	29,479	706	378	644	946	2,346	4,233	5,045	6,175	9,006
Puerto Rico	3,834	3	3	22	45	174	480	943	1,057	1,107
China	1,970	–	6	22	40	101	217	259	545	780
Dominican Republic	1,907	3	26	24	64	132	323	369	494	472
Ukraine	1,157	–	2	10	10	35	83	94	333	590
Jamaica	1,147	1	7	18	38	95	177	251	273	287
Italy	1,024	2	1	–	2	16	43	142	319	499
Guyana	872	3	3	5	24	74	156	211	218	178
Haiti	750	–	4	4	23	52	122	144	190	211
Poland	634	–	2	7	21	26	71	58	90	359
Trinidad and Tobago	554	–	4	15	10	69	94	122	129	111
Russia	519	1	4	9	5	19	36	89	139	217
Cuba	430	–	1	–	2	16	38	43	102	228
Ecuador	419	1	3	13	21	41	53	79	97	111
Germany	368	–	–	4	5	7	12	41	75	224
Greece	317	–	–	1	2	9	27	52	106	120
India	316	–	5	7	14	30	52	78	80	50
Colombia	306	–	2	2	2	28	39	63	73	97
Philippines	268	1	–	1	14	20	48	83	51	50
Mexico	253	–	8	36	61	55	34	19	20	20
Ireland	250	–	–	–	4	4	6	30	77	129
Romania	242	–	–	1	–	5	20	24	46	146
Barbados	240	–	–	1	4	13	33	46	61	82
Hungary	238	–	–	–	2	4	13	22	46	151
Panama	234	–	–	2	1	7	26	43	66	89
Other or Not Stated	5,306	12	34	90	202	449	852	932	1,209	1,526

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Table M7. Leading Causes of Death by Age Group and Sex, New York City, 2014

Rank	ALL AGES	All Deaths	All Percent	Male Deaths	Male Percent	Female Deaths	Female Percent
1	Diseases of Heart	16,517	31.1	7,961	30.5	8,556	31.8
2	Malignant Neoplasms	13,380	25.2	6,602	25.3	6,778	25.2
3	Influenza and Pneumonia	2,220	4.2	1,073	4.1	1,147	4.3
4	Chronic Lower Respiratory Diseases	1,827	3.4	845	3.2	982	3.6
5	Diabetes Mellitus	1,798	3.4	893	3.4	905	3.4
6	Cerebrovascular Diseases	1,787	3.4	745	2.9	1,042	3.9
7	Accidents Except Poisoning by Psychoactive Substance	1,026	1.9	669	2.6	357	1.3
8	Essential Hypertension and Hypertensive Renal Disease	991	1.9	451	1.7	540	2.0
9	Use of or Poisoning by Psychoactive Substance	893	1.7	655	2.5	238	0.9
10	Alzheimer's Disease	789	1.5	215	0.8	574	2.1
	All Other Causes	11,806	22.3	5,981	22.9	5,825	21.6
	Total	53,034	100.0	26,090	100.0	26,944	100.0

Rank	< 1 YEAR	All Deaths	All Percent	Male Deaths	Male Percent	Female Deaths	Female Percent
1	Short Gestation and Low Birthweight	116	22.5	65	22.6	51	22.4
2	Congenital Malformations, Deformations	99	19.2	50	17.4	49	21.5
3	Cardiovascular Disorders Originating in the Perinatal Period	53	10.3	35	12.2	18	7.9
4	External Causes	47	9.1	27	9.4	20	8.8
5	Respiratory Distress of Newborn	14	2.7	5	1.7	9	3.9
5	Other Respiratory Conditions Originating in the Perinatal Period	14	2.7	5	1.7	9	3.9
7	Newborn Affected by Complications of Pregnancy	12	2.3	8	2.8	4	1.8
8	Bacterial Sepsis of Newborn	9	1.7	3	1.0	6	2.6
8	Newborn Affected by Complications of Placenta	9	1.7	5	1.7	4	1.8
8	Necrotizing Enterocolitis Of Newborn	9	1.7	2	0.7	7	3.1
	All Other Causes	134	26.0	83	28.8	51	22.4
	Total	516	100.0	288	100.0	228	100.0

Rank	1 - 14 YEARS	All Deaths	All Percent	Male Deaths	Male Percent	Female Deaths	Female Percent
1	Malignant Neoplasms	41	18.9	26	20.5	15	16.7
2	Accidents Except Poisoning by Psychoactive Substance	27	12.4	20	15.7	7	7.8
3	Congenital Malformations, Deformations	25	11.5	13	10.2	12	13.3
4	Assault (Homicide)	17	7.8	9	7.1	8	8.9
5	Chronic Lower Respiratory Diseases	16	7.4	9	7.1	7	7.8
6	Diseases of Heart	7	3.2	1	0.8	6	6.7
6	Cerebrovascular Diseases	7	3.2	5	3.9	2	2.2
	All Other Causes	77	35.5	44	34.6	33	36.7
	Total	217	100.0	127	100.0	90	100.0

Rank	15 - 24 YEARS	All Deaths	All Percent	Male Deaths	Male Percent	Female Deaths	Female Percent
1	Assault (Homicide)	105	21.3	94	26.5	11	8.0
2	Accidents Except Poisoning by Psychoactive Substance	62	12.6	44	12.4	18	13.0
3	Intentional Self-harm (Suicide)	58	11.8	40	11.3	18	13.0
4	Use of or Poisoning by Psychoactive Substance	52	10.5	39	11.0	13	9.4
5	Malignant Neoplasms	47	9.5	32	9.0	15	10.9
6	Diseases of Heart	27	5.5	20	5.6	7	5.1
7	Congenital Malformations, Deformations	19	3.9	10	2.8	9	6.5
8	Chronic Lower Respiratory Diseases	11	2.2	5	1.4	6	4.3
9	Human Immunodeficiency Virus (HIV) Disease	9	1.8	7	2.0	2	1.4
10	Cerebrovascular Diseases	7	1.4	5	1.4	2	1.4
	All Other Causes	96	19.5	59	16.6	37	26.8
	Total	493	100.0	355	100.0	138	100.0

Rank	25 - 34 YEARS	All Deaths	All Percent	Male Deaths	Male Percent	Female Deaths	Female Percent
1	Use of or Poisoning by Psychoactive Substance	173	18.4	125	19.6	48	15.9
2	Intentional Self-harm (Suicide)	121	12.9	88	13.8	33	11.0
3	Malignant Neoplasms	119	12.7	60	9.4	59	19.6
4	Accidents Except Poisoning by Psychoactive Substance	88	9.4	73	11.5	15	5.0
5	Assault (Homicide)	79	8.4	69	10.8	10	3.3
6	Diseases of Heart	62	6.6	44	6.9	18	6.0
7	Human Immunodeficiency Virus (HIV) Disease	28	3.0	17	2.7	11	3.7
8	Diabetes Mellitus	25	2.7	16	2.5	9	3.0
9	Pregnancy, Childbirth, and the Puerperium	19	2.0	-	-	19	6.3
10	Chronic Lower Respiratory Diseases	15	1.6	9	1.4	6	2.0
	All Other Causes	209	22.3	136	21.4	73	24.3
	Total	938	100.0	637	100.0	301	100.0

Continued on next page.

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Table M7. Leading Causes of Death by Age Group and Sex, New York City, 2014 (Continued).

Rank	35 - 44 YEARS	All Deaths	All Percent	Male Deaths	Male Percent	Female Deaths	Female Percent
1	Malignant Neoplasms	343	22.0	140	14.3	203	34.8
2	Diseases of Heart	211	13.5	152	15.5	59	10.1
3	Use of or Poisoning by Psychoactive Substance	174	11.1	136	13.9	38	6.5
4	Intentional Self-harm (Suicide)	90	5.8	67	6.9	23	3.9
5	Accidents Except Poisoning by Psychoactive Substance	83	5.3	68	7.0	15	2.6
6	Human Immunodeficiency Virus (HIV) Disease	60	3.8	33	3.4	27	4.6
7	Chronic Liver Disease and Cirrhosis	56	3.6	40	4.1	16	2.7
8	Diabetes Mellitus	54	3.5	29	3.0	25	4.3
9	Assault (Homicide)	53	3.4	48	4.9	5	0.9
10	Cerebrovascular Diseases	48	3.1	31	3.2	17	2.9
	All Other Causes	390	25.0	234	23.9	156	26.7
	Total	1,562	100.0	978	100.0	584	100.0

Rank	45 - 54 YEARS	Deaths	Percent	Deaths	Percent	Deaths	Percent
1	Malignant Neoplasms	1,150	30.0	551	23.0	599	41.7
2	Diseases of Heart	817	21.3	588	24.6	229	15.9
3	Use of or Poisoning by Psychoactive Substance	264	6.9	191	8.0	73	5.1
4	Human Immunodeficiency Virus (HIV) Disease	167	4.4	115	4.8	52	3.6
5	Cerebrovascular Diseases	122	3.2	67	2.8	55	3.8
6	Diabetes Mellitus	119	3.1	73	3.1	46	3.2
7	Intentional Self-harm (Suicide)	107	2.8	74	3.1	33	2.3
8	Accidents Except Poisoning by Psychoactive Substance	106	2.8	89	3.7	17	1.2
9	Chronic Liver Disease and Cirrhosis	103	2.7	74	3.1	29	2.0
10	Influenza and Pneumonia	93	2.4	60	2.5	33	2.3
	All Other Causes	779	20.4	509	21.3	270	18.8
	Total	3,827	100.0	2,391	100.0	1,436	100.0

Rank	55 - 64 YEARS	Deaths	Percent	Deaths	Percent	Deaths	Percent
1	Malignant Neoplasms	2,560	35.1	1,334	30.4	1,226	42.3
2	Diseases of Heart	1,763	24.2	1,230	28.0	533	18.4
3	Diabetes Mellitus	307	4.2	191	4.3	116	4.0
4	Chronic Liver Disease and Cirrhosis	197	2.7	148	3.4	49	1.7
5	Influenza and Pneumonia	195	2.7	115	2.6	80	2.8
6	Chronic Lower Respiratory Diseases	188	2.6	106	2.4	82	2.8
7	Cerebrovascular Diseases	182	2.5	102	2.3	80	2.8
7	Use of or Poisoning by Psychoactive Substance	182	2.5	129	2.9	53	1.8
9	Human Immunodeficiency Virus (HIV) Disease	174	2.4	130	3.0	44	1.5
10	Accidents Except Poisoning by Psychoactive Substance	164	2.3	125	2.8	39	1.3
	All Other Causes	1,376	18.9	783	17.8	593	20.5
	Total	7,288	100.0	4,393	100.0	2,895	100.0

Rank	65 - 74 YEARS	Deaths	Percent	Deaths	Percent	Deaths	Percent
1	Malignant Neoplasms	3,351	36.1	1,735	33.6	1,616	39.3
2	Diseases of Heart	2,545	27.4	1,533	29.7	1,012	24.6
3	Diabetes Mellitus	401	4.3	230	4.5	171	4.2
4	Influenza and Pneumonia	321	3.5	175	3.4	146	3.5
5	Chronic Lower Respiratory Diseases	319	3.4	162	3.1	157	3.8
6	Cerebrovascular Diseases	240	2.6	135	2.6	105	2.6
7	Essential Hypertension and Hypertensive Renal Disease	178	1.9	95	1.8	83	2.0
8	Chronic Liver Disease and Cirrhosis	134	1.4	98	1.9	36	0.9
9	Accidents Except Poisoning by Psychoactive Substance	131	1.4	84	1.6	47	1.1
10	Nephritis, Nephrotic Syndrome, and Nephrosis	106	1.1	53	1.0	53	1.3
	All Other Causes	1,555	16.8	868	16.8	687	16.7
	Total	9,281	100.0	5,168	100.0	4,113	100.0

Rank	75 - 84 YEARS	Deaths	Percent	Deaths	Percent	Deaths	Percent
1	Diseases of Heart	3,949	32.7	1,939	33.1	2,010	32.4
2	Malignant Neoplasms	3,350	27.8	1,690	28.8	1,660	26.7
3	Influenza and Pneumonia	581	4.8	312	5.3	269	4.3
4	Chronic Lower Respiratory Diseases	547	4.5	260	4.4	287	4.6
5	Cerebrovascular Disease	501	4.2	213	3.6	288	4.6
6	Diabetes Mellitus	470	3.9	214	3.7	256	4.1
7	Essential Hypertension and Hypertensive Renal Disease	254	2.1	119	2.0	135	2.2
8	Alzheimer's Disease	187	1.5	61	1.0	126	2.0
9	Accidents Except Poisoning by Psychoactive Substance	174	1.4	87	1.5	87	1.4
10	Septicemia	140	1.2	73	1.2	67	1.1
	All Other Causes	1,918	15.9	1,242	20.0	676	11.5
	Total	12,071	100.0	5,861	100.0	6,210	100.0

Rank	≥85 YEARS	Deaths	Percent	Deaths	Percent	Deaths	Percent
1	Diseases of Heart	7,127	42.3	2,447	41.5	4,680	42.7
2	Malignant Neoplasms	2,417	14.4	1,033	17.5	1,384	12.6
3	Influenza and Pneumonia	982	5.8	376	6.4	606	5.5
4	Cerebrovascular Diseases	665	3.9	177	3.0	488	4.5
5	Chronic Lower Respiratory Diseases	630	3.7	238	4.0	392	3.6
6	Alzheimer's Disease	560	3.3	138	2.3	422	3.9
7	Diabetes Mellitus	415	2.5	136	2.3	279	2.5
8	Essential Hypertension and Hypertensive Renal Disease	374	2.2	124	2.1	250	2.3
9	Accidents Except Poisoning by Psychoactive Substance	186	1.1	75	1.3	111	1.0
10	Nephritis, Nephrotic Syndrome, and Nephrosis	172	1.0	73	1.2	99	0.9
	All Other Causes	3,312	19.7	1,075	18.2	2,237	20.4
	Total	16,840	100.0	5,892	100.0	10,948	100.0

Table M8. Leading Causes of Death by Racial/Ethnic Group and Sex, New York City, 2014

Rank	Puerto Rican	All		Male		Female	
		Deaths	Percent	Deaths	Percent	Deaths	Percent
1	Diseases of Heart	1,343	27.1	682	26.7	661	27.6
2	Malignant Neoplasms	1,086	21.9	573	22.4	513	21.4
3	Diabetes Mellitus	221	4.5	101	4.0	120	5.0
4	Chronic Lower Respiratory Diseases	208	4.2	87	3.4	121	5.1
4	Influenza and Pneumonia	208	4.2	100	3.9	108	4.5
6	Cerebrovascular Diseases	161	3.3	68	2.7	93	3.9
7	Use of or Poisoning by Psychoactive Substance	154	3.1	123	4.8	31	1.3
8	Chronic Liver Disease and Cirrhosis	126	2.5	83	3.2	43	1.8
9	Alzheimer's Disease	106	2.1	25	1.0	81	3.4
10	Accidents Except Poisoning by Psychoactive Substance	102	2.1	68	2.7	34	1.4
	All Other Causes	1,236	25.0	645	25.2	591	24.7
	Total	4,951	100.0	2,555	100.0	2,396	100.0

Rank	Other Hispanic	Deaths	Percent	Deaths	Percent	Deaths	Percent
1	Malignant Neoplasms	1,214	25.6	573	24.0	641	27.3
2	Diseases of Heart	1,168	24.7	599	25.1	569	24.2
3	Cerebrovascular Diseases	224	4.7	97	4.1	127	5.4
4	Influenza and Pneumonia	209	4.4	99	4.2	110	4.7
5	Diabetes Mellitus	174	3.7	85	3.6	89	3.8
6	Accidents Except Poisoning by Psychoactive Substance	138	2.9	108	4.5	30	1.3
7	Chronic Lower Respiratory Diseases	130	2.7	58	2.4	72	3.1
8	Essential Hypertension and Hypertensive Renal Disease	108	2.3	41	1.7	67	2.8
9	Chronic Liver Disease and Cirrhosis	104	2.2	81	3.4	23	1.0
10	Alzheimer's Disease	86	1.8	25	1.0	61	2.6
	All Other Causes	1,181	24.9	619	26.0	562	23.9
	Total	4,736	100.0	2,385	100.0	2,351	100.0

Rank	Asian and Pacific Islander	Deaths	Percent	Deaths	Percent	Deaths	Percent
1	Malignant Neoplasms	1,161	29.9	658	30.3	503	29.5
2	Diseases of Heart	1,016	26.2	554	25.5	462	27.1
3	Cerebrovascular Diseases	203	5.2	91	4.2	112	6.6
4	Influenza and Pneumonia	185	4.8	105	4.8	80	4.7
5	Chronic Lower Respiratory Diseases	131	3.4	95	4.4	36	2.1
6	Diabetes Mellitus	121	3.1	71	3.3	50	2.9
7	Accidents Except Poisoning by Psychoactive Substance	111	2.9	69	3.2	42	2.5
8	Intentional Self-harm (Suicide)	78	2.0	50	2.3	28	1.6
9	Essential Hypertension and Hypertensive Renal Disease	55	1.4	26	1.2	29	1.7
10	Nephritis, Nephrotic Syndrome, and Nephrosis	50	1.3	28	1.3	22	1.3
	All Other Causes	769	19.8	427	19.6	342	20.0
	Total	3,880	100.0	2,174	100.0	1,706	100.0

Rank	Non-Hispanic White	Deaths	Percent	Deaths	Percent	Deaths	Percent
1	Diseases of Heart	8,497	34.6	4,507	35.5	3,990	33.7
2	Malignant Neoplasms	6,295	25.7	3,153	24.8	3,142	26.6
3	Influenza and Pneumonia	1,065	4.3	563	4.4	502	4.2
4	Chronic Lower Respiratory Diseases	914	3.7	515	4.1	399	3.4
5	Cerebrovascular Diseases	695	2.8	418	3.3	277	2.3
6	Diabetes Mellitus	520	2.1	228	1.8	292	2.5
7	Accidents Except Poisoning by Psychoactive Substance	427	1.7	169	1.3	258	2.2
8	Use of or Poisoning by Psychoactive Substance	419	1.7	105	0.8	314	2.7
9	Alzheimer's Disease	375	1.5	276	2.2	99	0.8
10	Essential Hypertension and Hypertensive Renal Disease	355	1.4	180	1.4	175	1.5
	All Other Causes	4,971	20.3	1,714	14.5	3,257	25.6
	Total	24,533	100.0	11,828	100.0	12,705	100.0

Rank	Non-Hispanic Black	Deaths	Percent	Deaths	Percent	Deaths	Percent
1	Diseases of Heart	4,152	30.2	1,958	30.2	2,194	30.2
2	Malignant Neoplasms	3,385	24.6	1,533	23.6	1,852	25.5
3	Diabetes Mellitus	716	5.2	318	4.9	398	5.5
4	Influenza and Pneumonia	508	3.7	242	3.7	266	3.7
5	Cerebrovascular Diseases	471	3.4	197	3.0	274	3.8
6	Chronic Lower Respiratory Diseases	406	3.0	186	2.9	220	3.0
7	Essential Hypertension and Hypertensive Renal Disease	362	2.6	155	2.4	207	2.9
8	Human Immunodeficiency Virus (HIV) Disease	298	2.2	196	3.0	102	1.4
9	Accidents Except Poisoning by Psychoactive Substance	220	1.6	148	2.3	72	1.0
10	Assault (Homicide)	211	1.5	186	2.9	25	0.3
	All Other Causes	3,026	22.0	1,374	21.2	1,652	22.7
	Total	13,755	100.0	6,493	100.0	7,262	100.0

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

MORTALITY

Table M9. Leading Causes of Premature Death (Age < 65 Years), Overall and by Sex, New York City, 2014

Rank	Cause of Death	All		Male		Female	
		Deaths	Percent	Deaths	Percent	Deaths	Percent
1	Malignant Neoplasms	4,262	28.7	2,144	23.4	2,118	37.3
	Trachea, bronchus, and lung	772	5.2	441	4.8	331	5.8
	Breast	474	3.2	3	0.0	471	8.3
	Colon, rectum, and anus	389	2.6	211	2.3	178	3.1
	Liver and intrahepatic bile ducts	294	2.0	232	2.5	62	1.1
	Pancreas	283	1.9	167	1.8	116	2.0
2	Diseases of Heart	2,895	19.5	2,042	22.3	853	15.0
3	Use of or Poisoning by Psychoactive Substance	847	5.7	621	6.8	226	4.0
4	Accidents Except Poisoning by Psychoactive Substance	535	3.6	423	4.6	112	2.0
5	Diabetes Mellitus	512	3.4	313	3.4	199	3.5
6	Intentional Self-harm (Suicide)	475	3.2	332	3.6	143	2.5
7	Human Immunodeficiency Virus (HIV) Disease	438	3.0	302	3.3	136	2.4
8	Cerebrovascular Diseases	381	2.6	220	2.4	161	2.8
9	Chronic Liver Disease and Cirrhosis	370	2.5	270	2.9	100	1.8
10	Assault (Homicide)	336	2.3	289	3.2	47	0.8
	All Other Causes	3,790	25.5	2,213	24.1	1,577	27.8
	Total	14,841	100.0	9,169	100.0	5,672	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) by Racial/Ethnic Group and Sex, New York City. 2014

Rank	Puerto Rican	All Deaths	All Percent	Male Deaths	Male Percent	Female Deaths	Female Percent
1	Malignant Neoplasms	341	20.4	186	17.2	155	26.3
2	Diseases of Heart	321	19.2	214	19.8	107	18.2
3	Use of or Poisoning by Psychoactive Substance	145	8.7	116	10.8	29	4.9
4	Chronic Liver Disease and Cirrhosis	83	5.0	56	5.2	27	4.6
5	Human Immunodeficiency Virus (HIV) Disease	74	4.4	47	4.4	27	4.6
6	Diabetes Mellitus	65	3.9	34	3.2	31	5.3
7	Accidents Except Poisoning by Psychoactive Substance	62	3.7	49	4.5	13	2.2
8	Viral Hepatitis	55	3.3	39	3.6	16	2.7
9	Influenza and Pneumonia	50	3.0	28	2.6	22	3.7
10	Chronic Lower Respiratory Diseases	48	2.9	29	2.7	19	3.2
	All Other Causes	424	25.4	281	26.0	143	24.3
	Total	1,668	100.0	1,079	100.0	589	100.0

Rank	Other Hispanic	Deaths	Percent	Deaths	Percent	Deaths	Percent
1	Malignant Neoplasms	480	28.8	235	21.6	245	42.4
2	Diseases of Heart	251	15.1	192	17.7	59	10.2
3	Accidents Except Poisoning by Psychoactive Substance	102	6.1	89	8.2	13	2.2
4	Use of or Poisoning by Psychoactive Substance	81	4.9	65	6.0	16	2.8
5	Cerebrovascular Diseases	67	4.0	43	4.0	24	4.2
5	Chronic Liver Disease and Cirrhosis	67	4.0	58	5.3	9	1.6
7	Intentional Self-harm (Suicide)	53	3.2	35	3.2	18	3.1
8	Diabetes Mellitus	48	2.9	33	3.0	15	2.6
9	Influenza and Pneumonia	46	2.8	29	2.7	17	2.9
10	Human Immunodeficiency Virus (HIV) Disease	39	2.3	32	2.9	7	1.2
	All Other Causes	430	25.8	275	25.3	155	26.8
	Total	1,664	100.0	1,086	100.0	578	100.0

Rank	Asian and Pacific Islander	Deaths	Percent	Deaths	Percent	Deaths	Percent
1	Malignant Neoplasms	466	39.2	264	34.7	202	47.2
2	Diseases of Heart	210	17.7	163	21.4	47	11.0
3	Intentional Self-harm (Suicide)	63	5.3	41	5.4	22	5.1
4	Accidents Except Poisoning by Psychoactive Substance	54	4.5	37	4.9	17	4.0
5	Cerebrovascular Diseases	45	3.8	22	2.9	23	5.4
6	Diabetes Mellitus	32	2.7	22	2.9	10	2.3
7	Chronic Liver Disease and Cirrhosis	26	2.2	22	2.9	4	0.9
8	Influenza and Pneumonia	18	1.5	12	1.6	6	1.4
9	Congenital Malformations, Deformations	17	1.4	9	1.2	8	1.9
9	Benign and Uncertain Neoplasms	17	1.4	11	1.4	6	1.4
	All Other Causes	241	20.3	158	20.8	83	19.4
	Total	1,189	100.0	761	100.0	428	100.0

Rank	Non-Hispanic White	Deaths	Percent	Deaths	Percent	Deaths	Percent
1	Malignant Neoplasms	1,552	32.7	815	26.8	737	43.3
2	Diseases of Heart	887	18.7	685	22.5	202	11.9
3	Use of or Poisoning by Psychoactive Substance	403	8.5	303	10.0	100	5.9
4	Intentional Self-harm (Suicide)	234	4.9	166	5.5	68	4.0
5	Accidents Except Poisoning by Psychoactive Substance	156	3.3	125	4.1	31	1.8
6	Chronic Lower Respiratory Diseases	122	2.6	70	2.3	52	3.1
7	Diabetes Mellitus	121	2.6	82	2.7	39	2.3
8	Chronic Liver Disease and Cirrhosis	104	2.2	72	2.4	32	1.9
9	Influenza and Pneumonia	89	1.9	59	1.9	30	1.8
10	Cerebrovascular Diseases	74	1.6	46	1.5	28	1.6
	All Other Causes	999	21.1	616	20.3	383	22.5
	Total	4,741	100.0	3,039	100.0	1,702	100.0

Rank	Non-Hispanic Black	Deaths	Percent	Deaths	Percent	Deaths	Percent
1	Malignant Neoplasms	1,328	26.2	599	20.8	729	33.3
2	Diseases of Heart	1,135	22.4	726	25.2	409	18.7
3	Human Immunodeficiency Virus (HIV) Disease	247	4.9	163	5.7	84	3.8
4	Diabetes Mellitus	226	4.5	127	4.4	99	4.5
5	Assault (Homicide)	206	4.1	182	6.3	24	1.1
6	Use of or Poisoning by Psychoactive Substance	176	3.5	110	3.8	66	3.0
7	Cerebrovascular Diseases	145	2.9	76	2.6	69	3.1
7	Accidents Except Poisoning by Psychoactive Substance	145	2.9	111	3.8	34	1.6
9	Influenza and Pneumonia	124	2.4	75	2.6	49	2.2
10	Chronic Lower Respiratory Diseases	122	2.4	63	2.2	59	2.7
	All Other Causes	1,221	24.1	652	22.6	569	26.0
	Total	5,075	100.0	2,884	100.0	2,191	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, 2014

Cause of Death	Total			Ethnic Group*													Sex					
				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.	No.	Crude Rate	Age-Adj. Rate	No.	Crude Rate	Age-Adj. Rate
All Causes†	53,034	6.2	5.8	9,687	3.9	4.9	24,533	8.9	6.1	13,755	7.2	6.8	3,880	3.2	3.6	1,179	26,090	6.4	7.0	26,944	6.1	4.9
Natural Causes	50,081	589.8	547.1	9,052	367.8	464.8	23,286	843.6	572.5	13,024	681.0	647.4	3,629	302.6	341.5	1,090	24,005	592.9	651.5	26,076	586.9	469.4
Human Immunodeficiency Virus (HIV) Disease	523	6.2	5.7	131	5.3	5.5	62	2.2	2.0	298	15.6	14.0	2	0.2	0.1	30	359	8.9	8.5	164	3.7	3.4
Malignant Neoplasms	13,380	157.6	148.6	2,300	93.5	115.1	6,295	228.0	169.2	3,385	177.0	166.3	1,161	96.8	102.2	239	6,602	163.1	176.7	6,778	152.6	129.7
Malignant neoplasm of stomach	487	5.7	5.4	106	4.3	5.3	173	6.3	4.5	127	6.6	6.3	73	6.1	6.5	8	282	7.0	7.5	205	4.6	3.9
Malignant neoplasm of colon, rectum, and anus	1,268	14.9	14.0	235	9.5	12.0	572	20.7	15.0	342	17.9	16.7	97	8.1	8.9	22	628	15.5	16.8	640	14.4	11.9
Malignant neoplasm of pancreas	998	11.8	11.1	172	7.0	8.6	501	18.2	13.4	220	11.5	10.9	92	7.7	8.4	13	486	12.0	12.9	512	11.5	9.7
Malignant neoplasms of trachea, bronchus, and lung (male)	1,405	34.7	37.5	181	15.2	22.6	686	51.1	42.6	329	38.1	42.1	190	33.1	38.1	19	1,405	34.7	37.5	-	-	-
Malignant neoplasms of trachea, bronchus, and lung (female)	1,254	28.2	24.0	174	13.7	14.9	664	46.8	32.0	298	28.4	23.7	96	15.3	15.6	22	-	-	-	1,254	28.2	24.0
Malignant neoplasm of breast (female)	1,098	24.7	21.1	185	14.6	15.3	475	33.5	23.3	340	32.4	27.3	80	12.8	12.2	18	-	-	-	1,098	24.7	21.1
Malignant neoplasm of cervix uteri	160	3.6	3.2	36	2.8	3.0	50	3.5	2.7	59	5.6	4.9	10	1.6	1.5	5	-	-	-	160	3.6	3.2
Malignant neoplasm of ovary	338	7.6	6.5	59	4.7	5.0	169	11.9	8.2	81	7.7	6.5	26	4.2	4.1	3	-	-	-	338	7.6	6.5
Malignant neoplasm of prostate	750	18.5	21.1	139	11.6	20.0	294	21.9	17.7	266	30.8	38.1	31	5.4	7.4	20	750	18.5	21.1	-	-	-
Leukemia	545	6.4	6.1	80	3.3	3.8	309	11.2	8.5	96	5.0	4.8	44	3.7	3.7	16	298	7.4	8.0	247	5.6	4.8
Diabetes Mellitus	1,798	21.2	19.9	395	16.1	20.3	520	18.8	13.7	716	37.4	35.7	121	10.1	11.1	46	893	22.1	23.8	905	20.4	16.8
Parkinson's Disease	322	3.8	3.5	47	1.9	2.6	199	7.2	4.4	48	2.5	2.5	25	2.1	2.6	3	175	4.3	5.1	147	3.3	2.5
Alzheimer's Disease	789	9.3	8.2	192	7.8	11.2	375	13.6	7.5	167	8.7	8.6	43	3.6	4.5	12	215	5.3	6.4	574	12.9	9.2
Diseases of Heart	16,517	194.5	178.0	2,511	102.0	133.0	8,497	307.8	196.2	4,152	217.1	206.7	1,016	84.7	98.4	341	7,961	196.6	219.3	8,556	192.6	146.8
Hypertensive heart disease	1,927	22.7	21.0	349	14.2	17.9	725	26.3	17.9	723	37.8	35.3	100	8.3	9.6	30	948	23.4	25.0	979	22.0	17.6
Chronic ischemic heart diseases	10,443	123.0	112.3	1,529	62.1	81.9	5,614	203.4	128.5	2,447	127.9	122.3	637	53.1	62.0	216	5,066	125.1	140.5	5,377	121.0	91.1
Acute myocardial infarction	2,193	25.8	23.7	348	14.1	18.4	1,151	41.7	26.7	468	24.5	23.4	175	14.6	16.6	51	1,054	26.0	29.1	1,139	25.6	19.5
Essential (Primary) Hypertension and Hypertensive Renal Disease	991	11.7	10.8	201	8.2	10.7	355	12.9	8.3	362	18.9	18.1	55	4.6	5.5	18	451	11.1	12.4	540	12.2	9.5
Cerebrovascular Diseases	1,787	21.1	19.4	385	15.6	20.0	695	25.2	16.4	471	24.6	23.5	203	16.9	19.4	33	745	18.4	20.3	1,042	23.5	18.4
Influenza and Pneumonia	2,220	26.2	24.0	417	16.9	22.0	1,065	38.6	24.3	508	26.6	25.5	185	15.4	18.8	45	1,073	26.5	30.1	1,147	25.8	19.8
Chronic Lower Respiratory Diseases	1,827	21.5	20.0	338	13.7	18.0	914	33.1	22.3	406	21.2	20.5	131	10.9	13.3	38	845	20.9	23.4	982	22.1	17.8
Asthma	182	2.1	2.1	55	2.2	2.6	31	1.1	0.9	78	4.1	3.9	10	0.8	0.9	8	83	2.1	2.0	99	2.2	2.0
Chronic Liver Disease and Cirrhosis	589	6.9	6.5	230	9.3	10.4	178	6.4	5.4	114	6.0	5.4	47	3.9	3.9	20	408	10.1	10.0	181	4.1	3.6
External Causes	2,953	34.8	33.3	635	25.8	26.8	1,247	45.2	39.0	731	38.2	37.3	251	20.9	21.2	89	2,085	51.5	50.8	868	19.5	17.8
Motor Vehicle Accidents	271	3.2	3.1	73	3.0	3.1	89	3.2	2.8	66	3.5	3.4	37	3.1	3.2	6	187	4.6	4.6	84	1.9	1.8
Falls	439	5.2	4.8	79	3.2	3.9	231	8.4	5.7	71	3.7	3.5	48	4.0	4.6	10	251	6.2	6.7	188	4.2	3.3
Intentional Self-harm (Suicide)	565	6.7	6.4	98	4.0	4.0	289	10.5	9.3	84	4.4	4.3	78	6.5	6.4	16	393	9.7	9.5	172	3.9	3.6
Assault (Homicide)	353	4.2	4.2	88	3.6	3.5	34	1.2	1.2	211	11.0	11.4	13	1.1	1.0	7	300	7.4	7.3	53	1.2	1.2
Events of Undetermined Intent	253	3.0	2.9	30	1.2	1.2	113	4.1	3.8	60	3.1	3.0	31	2.6	2.4	19	172	4.2	4.2	81	1.8	1.8
Mental and Behavioral Disorders Due to Use of or Accidental Poisoning by Psychoactive Substances, Excluding Alcohol	893	10.5	9.9	239	9.7	9.7	419	15.2	14.3	192	10.0	8.9	16	1.3	1.3	27	655	16.2	15.2	238	5.4	5.0
Accidents Except Drug Poisoning	1,026	12.1	11.5	240	9.8	10.7	427	15.5	11.7	220	11.5	11.2	111	9.3	9.9	28	669	16.5	17.0	357	8.0	6.8

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

†For All Causes, rates are per 1,000 population and for other selected causes rates are per 100,000 population. Population data are from 2011 US Census Bureau's estimates.

Table M12. Deaths and Death Rates per 100,000 Population from Selected Underlying Causes by Community District of Residence, New York City, 2014

Community District of Residence	Population 2014 Estimates	All Causes (Rate per 1,000) No.	Crude Rate	Age-Adjusted Rate	Heart Diseases No.	Crude Rate	Malignant Neoplasms No.	Crude Rate	HIV Disease No.	Crude Rate	Influenza and Pneumonia No.	Crude Rate	Cerebro-vascular Diseases No.	Crude Rate	Chronic Lower Respiratory Diseases No.	Crude Rate	Chronic Liver Disease & Cirrhosis No.	Crude Rate	Diabetes Mellitus No.	Crude Rate	Mental Disorders due to Substance Use & Accidental Poisoning No.	Crude Rate	Accidents Except Drug Poisoning No.	Crude Rate	Intentional Self-harm (Suicide) No.	Crude Rate	Assault‡ (Homicide) No.	Crude Rate	Events of Undetermined Intent No.	Crude Rate
ALL DEATH EVENTS	8,491,079	53,034	6.2	5.8	16,517	194.5	13,380	157.6	523	6.2	2,220	26.1	1,787	21.0	1,827	21.5	589	6.9	1,798	21.2	893	10.5	1,026	12.1	565	6.7	353	4.2	253	3.0
MANHATTAN‡	1,627,479	9,400	5.8	4.9	2,628	161.5	2,447	150.4	105	6.5	324	19.9	331	20.3	355	21.8	94	5.8	271	16.7	161	9.9	184	11.3	138	8.5	32	2.0	45	2.8
Battery Park, Tribeca (01)	63,196	194	3.1	4.3	46	72.8	59	93.4	–	–	7	11.1	3	4.7	5	7.9	2	3.2	4	6.3	5	7.9	5	7.9	6	9.5	–	–	3	4.7
Greenwich Village, SOHO (02)	92,420	371	4.0	3.6	101	109.3	120	129.8	2	2.2	14	15.1	9	9.7	9	9.7	3	3.2	9	9.7	3	3.2	10	10.8	9	9.7	–	–	2	2.2
Lower East Side (03)	170,800	1,112	6.5	5.1	300	175.6	292	171.0	14	8.2	44	25.8	50	29.3	52	30.4	10	5.9	45	26.3	19	11.1	30	17.6	13	7.6	4	2.3	5	2.9
Chelsea, Clinton (04)	106,631	532	5.0	4.9	147	137.9	128	120.0	9	8.4	18	16.9	17	15.9	20	18.8	4	3.8	14	13.1	13	12.2	9	8.4	17	15.9	2	1.9	5	4.7
Midtown Business District (05)	52,878	212	4.0	4.0	53	100.2	59	111.6	1	1.9	2	3.8	7	13.2	7	13.2	3	5.7	6	11.3	7	13.2	5	9.5	2	3.8	1	1.9	2	3.8
Murray Hill (06)	145,784	772	5.3	3.9	201	137.9	240	164.6	3	2.1	38	26.1	20	13.7	23	15.8	13	8.9	16	11.0	10	6.9	17	11.7	5	3.4	1	0.7	4	2.7
Upper West Side (07)	216,346	1,364	6.3	4.4	417	192.7	348	160.9	13	6.0	39	18.0	44	20.3	59	27.3	4	1.8	25	11.6	8	3.7	23	10.6	24	11.1	2	0.9	4	1.8
Upper East Side (08)	227,537	1,362	6.0	4.1	380	167.0	411	180.6	5	2.2	48	21.1	45	19.8	42	18.5	8	3.5	17	7.5	14	6.2	22	9.7	26	11.4	–	.	6	2.6
Manhattanville (09)	112,350	601	5.3	5.6	182	162.0	128	113.9	11	9.8	17	15.1	31	27.6	26	23.1	8	7.1	17	15.1	11	9.8	10	8.9	3	2.7	5	4.5	3	2.7
Central Harlem (10)	118,238	835	7.1	7.8	234	197.9	213	180.1	18	15.2	20	16.9	25	21.1	35	29.6	11	9.3	45	38.1	21	17.8	9	7.6	5	4.2	4	3.4	4	3.4
East Harlem (11)	124,379	1,011	8.1	7.8	267	214.7	223	179.3	24	19.3	40	32.2	42	33.8	44	35.4	17	13.7	35	28.1	28	22.5	26	20.9	9	7.2	8	6.4	2	1.6
Washington Heights (12)	196,895	1,028	5.2	4.8	299	151.9	226	114.8	5	2.5	37	18.8	38	19.3	33	16.8	11	5.6	38	19.3	20	10.2	17	8.6	18	9.1	5	2.5	4	2.0
BRONX‡	1,435,581	8,790	6.1	6.4	2,674	186.3	2,081	145.0	158	11.0	375	26.1	287	20.0	321	22.4	117	8.2	313	21.8	199	13.9	148	10.3	66	4.6	106	7.4	44	3.1
Mott Haven (01)	95,839	547	5.7	6.9	132	137.7	133	138.8	19	19.8	17	17.7	20	20.9	25	26.1	13	13.6	16	16.7	13	13.6	3	3.1	2	2.1	11	11.5	2	2.1
Hunts Point (02)	54,948	269	4.9	6.1	62	112.8	48	87.4	6	10.9	16	29.1	6	10.9	8	14.6	11	20.0	15	27.3	19	34.6	6	10.9	3	5.5	2	3.6	–	–
Morrisania (03)	82,842	513	6.2	8.1	136	164.2	119	143.6	16	19.3	24	29.0	16	19.3	17	20.5	9	10.9	28	33.8	20	24.1	10	12.1	6	7.2	6	7.2	7	8.4
Concourse, Highbridge (04)	152,973	829	5.4	6.6	232	151.7	216	141.2	21	13.7	48	31.4	24	15.7	30	19.6	7	4.6	30	19.6	20	13.1	10	6.5	9	5.9	21	13.7	1	0.7
University/Morris Heights (05)	133,700	552	4.1	5.9	131	98.0	144	107.7	17	12.7	24	18.0	15	11.2	19	14.2	9	6.7	20	15.0	22	16.5	14	10.5	4	3.0	14	10.5	8	6.0
East Tremont (06)	86,302	504	5.8	7.6	130	150.6	112	129.8	17	19.7	12	13.9	18	20.9	11	12.7	9	10.4	20	23.2	14	16.2	10	11.6	3	3.5	12	13.9	5	5.8
Fordham (07)	145,883	778	5.3	6.6	235	161.1	167	114.5	12	8.2	40	27.4	26	17.8	34	23.3	9	6.2	32	21.9	26	17.8	18	12.3	7	4.8	7	4.8	2	1.4
Riverdale (08)	104,391	1,026	9.8	6.2	403	386.0	210	201.2	4	3.8	32	30.7	32	30.7	42	40.2	8	7.7	29	27.8	7	6.7	20	19.2	6	5.7	2	1.9	1	1.0
Unionport, Soundview (09)	180,696	1,046	5.8	6.3	311	172.1	258	142.8	20	11.1	44	24.4	31	17.2	29	16.0	14	7.7	35	19.4	15	8.3	19	10.5	8	4.4	13	7.2	7	3.9
Throgs Neck (10)	123,277	1,025	8.3	5.9	335	271.7	277	224.7	3	2.4	50	40.6	30	24.3	42	34.1	9	7.3	29	23.5	13	10.5	14	11.4	9	7.3	5	4.1	3	2.4
Pelham Parkway (11)	116,857	861	7.4	6.2	306	261.9	202	172.9	3	2.6	34	29.1	33	28.2	37	31.7	4	3.4	27	23.1	10	8.6	14	12.0	5	4.3	6	5.1	7	6.0
Williamsbridge (12)	155,984	836	5.4	5.2	261	167.3	195	125.0	29	12.8	34	21.8	36	23.1	27	17.3	15	9.6	32	20.5	20	12.8	10	6.4	4	2.6	7	4.5	–	–
BROOKLYN	2,621,793	14,989	5.7	5.6	4,809	183.4	3,663	139.7	157	6.0	713	27.2	498	19.0	467	17.8	142	5.4	642	24.5	220	8.4	296	11.3	125	4.8	115	4.4	68	2.6
Williamsburg, Greenpoint (01)	179,068	735	4.1	5.4	210	117.3	172	96.1	4	2.2	42	23.5	22	12.3	23	12.8	10	5.6	35	19.5	23	12.8	19	10.6	5	2.8	6	3.4	7	3.9
Fort Greene, Brooklyn Heights (02)	104,367	598	5.7	6.0	207	198.3	133	127.4	10	9.6	36	34.5	18	17.2	18	17.2	4	3.8	21	20.1	8	7.7	9	8.6	8	7.7	4	3.8	1	1.0
Bedford Stuyvesant (03)	155,422	930	6.0	7.0	259	166.6	233	149.9	23	14.8	43	27.7	37	23.8	27	17.4	13	8.4	54	34.7	17	10.9	13	8.4	8	5.1	12	7.7	6	3.9
Bushwick (04)	115,133	451	3.9	5.4	142	123.3	104	90.3	6	5.2	13	11.3	18	15.6	14	12.2	5	4.3	24	20.8	7	6.1	11	9.6	12	10.4	6	5.2	3	2.6
East New York (05)	185,246	1,093	5.9	6.6	281	151.7	269	145.2	28	15.1	41	22.1	41	22.1	38	20.5	15	8.1	81	43.7	18	9.7	27	14.6	6	3.2	14	7.6	5	2.7
Park Slope (06)	110,101	498	4.5	5.4	164	149.0	121	109.9	8	7.3	26	23.6	16	14.5	20	18.2	7	6.4	13	11.8	13	11.8	12	10.9	4	3.6	1	0.9	3	2.7
Sunset Park (07)	133,297	499	3.7	5.0	145	108.8	137	102.8	1	0.8	23	17.3	16	12.0	18	13.5	13	9.8	8	6.0	5	3.8	10	7.5	7	5.3	1	0.8	1	0.8
Crown Heights North (08)	98,651	545	5.5	5.9	172	174.4	134	135.8	9	9.1	18	18.2	18	18.2	14	14.2	4	4.1	33	33.5	8	8.1	7	7.1	3	3.0	6	6.1	1	1.0
Crown Heights South (09)	100,094	600	6.0	5.7	195	194.8	150	149.9	10	10.0	19	19.0	15	15.0	18	18.0	1	1.0	45	45.0	8	8.0	14	14.0	6	6.0	4	4.0	3	3.0
Bay Ridge (10)	142,250	874	6.1	5.1	276	194.0	229	161.0	2	1.4	41	28.8	33	23.2	40	28.1	9	6.3	16	11.2	17	12.0	16	11.2	7	4.9	1	0.7	3	1.4
Bensonhurst (11)	203,720	1,197	5.9	4.8	388	190.5	314	154.1	2	1.0	56	27.5	30	14.7	51	25.0	10	4.9	34	16.7	11	5.4	26	12.8	7	3.4	2	1.0	3	1.5
Borough Park (12)	202,353	996	4.9	5.2	315	155.7	247	122.1	–	–	90	44.5	32	15.8	25	12.4	5	2.5	22	10.9	8	4.0	15	7.4	8	4.0	–	–	11	5.4
Coney Island (13)	107,510	1,125	10.5	6.2	427	397.2	273	253.9	6	5.6	58	53.9	29	27.0	18	16.7	7	6.5	27	25.1	17	15.8	20	18.6	10	9.3	8	7.4	9	8.4
Flatbush, Midwood (14)	167,512	908	5.4	5.4	351	209.5	199	118.8	5	3.0	44	26.3	31	18.5	33	19.7	10	6.0	34	20.3	11	6.6	16	9.6	7	4.2	7	4.2	4	2.4
Sheepshead Bay (15)	174,736	1,276	7.3	5.1	472	270.1	292	167.1	3	1.7	70	40.1	48	27.5	33	18.9	5	2.9	29	16.6	16	9.2	23	13.2	13	7.4	1	0.6	5	2.9
Brownsville (16)	86,659	620	7.2	8.0	181	208.9	129	148.9	18	20.8	20	23.1	19	21.9	19	21.9	7	8.1	41	47.3	16	18.5	9	10.4	3	3.5	19	21.9	2	2.3
East Flatbush (17)	157,139	895	5.7	5.2	236	150.2	224	142.5	16	10.2	37	23.5	37	23.5	18	11.5	10	6.4	79	50.3	7	4.5	23	14.6	5	3.2	13	8.3	–	–
Canarsie (18)	198,438	1,142	5.8	5.4	388	195.5	303	152.7	6	3.0	47	23.7	38	19.1	40	20.2	7	3.5	46	23.2	8	4.0	25	12.6	6	3.0	10	5.0	2	1.0

Table M12. Deaths and Death Rates per 100,000 Population from Selected Underlying Causes by Community District of Residence, New York City, 2014 (Continued).

Community District of Residence	Population 2014 Estimates	All Causes (Rate per 1,000) No.	Crude Rate	Age-Adjusted Rate	Heart Diseases No.	Crude Rate	Malignant Neoplasms No.	Crude Rate	HIV Disease No.	Crude Rate	Influenza and Pneumonia No.	Crude Rate	Cerebro-vascular Diseases No.	Crude Rate	Chronic Lower Respiratory Diseases No.	Crude Rate	Chronic Liver Disease & Cirrhosis No.	Crude Rate	Diabetes Mellitus No.	Crude Rate	Mental Disorders due to Substance Use & Accidental Poisoning No.	Crude Rate	Accidents Except Drug Poisoning No.	Crude Rate	Intentional Self-harm (Suicide) No.	Crude Rate	Assault‡ (Homicide) No.	Crude Rate	Events of Undetermined Intent No.	Crude Rate
QUEENS	2,332,947	12,337	5.3	4.7	4,182	179.3	2,849	122.1	50	2.1	572	24.5	461	19.8	441	18.9	144	6.2	396	17.0	138	5.9	246	10.5	141	6.0	64	2.7	55	2.4
Astoria, Long Island City (01)	202,583	956	4.7	4.9	338	166.8	235	116.0	4	2.0	39	19.3	36	17.8	35	17.3	14	6.9	22	10.9	12	5.9	21	10.4	11	5.4	3	1.5	6	3.0
Sunnyside, Woodside (02)	122,791	482	3.9	4.1	148	120.5	145	118.1	3	2.4	21	17.1	16	13.0	6	4.9	7	5.7	9	7.3	7	5.7	10	8.1	10	8.1	1	0.8	2	1.6
Jackson Heights (03)	180,375	720	4.0	4.2	237	131.4	163	90.4	4	2.2	38	21.1	37	20.5	19	10.5	11	6.1	10	5.5	4	2.2	25	13.9	13	7.2	2	1.1	6	3.3
Elmhurst, Corona (04)	187,210	632	3.4	3.8	175	93.5	147	78.5	2	1.1	44	23.5	30	16.0	17	9.1	11	5.9	25	13.4	4	2.1	15	8.0	9	4.8	6	3.2	1	0.5
Ridgewood, Glendale (05)	170,071	984	5.8	5.5	333	195.8	225	132.3	4	2.4	51	30.0	44	25.9	49	28.8	12	7.1	22	12.9	14	8.2	26	15.3	15	8.8	4	2.4	2	1.2
Rego Park, Forest Hills (06)	115,814	848	7.3	4.6	285	246.1	196	169.2	–	–	51	44.0	29	25.0	32	27.6	7	6.0	19	16.4	9	7.8	14	12.1	12	10.4	–	–	3	2.6
Flushing (07)	260,521	1,638	6.3	4.3	585	224.6	378	145.1	2	0.8	95	36.5	62	23.8	52	20.0	13	5.0	40	15.4	14	5.4	32	12.3	24	9.2	6	2.3	7	2.7
Fresh Meadows, Briarwood (08)	156,223	903	5.8	4.6	300	192.0	212	135.7	3	1.9	46	29.4	33	21.1	29	18.6	8	5.1	21	13.4	8	5.1	12	7.7	7	4.5	2	1.3	4	2.6
Woodhaven (09)	148,623	610	4.1	4.5	190	127.8	133	89.5	1	0.7	28	18.8	25	16.8	23	15.5	9	6.1	26	17.5	9	6.1	17	11.4	9	6.1	4	2.7	3	2.0
Howard Beach (10)	125,833	661	5.3	5.0	229	182.0	132	104.9	3	2.4	19	15.1	30	23.8	34	27.0	16	12.7	32	25.4	6	4.8	16	12.7	8	6.4	1	0.8	2	1.6
Bayside (11)	119,686	626	5.2	3.5	239	199.7	138	115.3	–	–	23	19.2	25	20.9	29	24.2	1	0.8	12	10.0	11	9.2	13	10.9	6	5.0	–	–	3	2.5
Jamaica, St. Albans (12)	232,797	1,360	5.8	5.4	444	190.7	313	134.5	12	5.2	48	20.6	32	13.7	44	18.9	17	7.3	74	31.8	16	6.9	13	5.6	7	3.0	17	7.3	8	3.4
Queens Village (13)	193,694	959	5.0	4.0	305	157.5	243	125.5	5	2.6	20	10.3	38	19.6	32	16.5	11	5.7	41	21.2	8	4.1	19	9.8	4	2.1	11	5.7	4	2.1
The Rockaways (14)	115,914	955	8.2	7.5	374	322.7	189	163.1	7	6.0	48	41.4	24	20.7	40	34.5	7	6.0	43	37.1	16	13.8	13	11.2	6	5.2	7	6.0	4	3.5
STATEN ISLAND	473,279	3,428	7.2	6.2	1,293	273.2	826	174.5	21	4.4	124	26.2	89	18.8	157	33.2	29	6.1	103	21.8	75	15.8	65	13.7	29	6.1	16	3.4	14	3.0
Port Richmond (01)	179,800	1,232	6.9	6.7	456	253.6	283	157.4	16	8.9	43	23.9	34	18.9	61	33.9	15	8.3	44	24.5	26	14.5	27	15.0	6	3.3	13	7.2	5	2.8
Willowbrook, South Beach (02)	133,501	1,105	8.3	5.9	450	337.1	247	185.0	1	0.7	43	32.2	29	21.7	40	30.0	8	6.0	36	27.0	13	9.7	21	15.7	11	8.2	1	0.7	6	4.5
Tottenville (03)	159,232	1,088	6.8	6.0	385	241.8	296	185.9	3	1.9	38	23.9	26	16.3	56	35.2	6	3.8	23	14.4	36	22.6	17	10.7	12	7.5	2	1.3	3	1.9
NONRESIDENTS	–	3,981	–	–	903	–	1,500	–	27	–	107	–	120	–	83	–	58	–	71	–	88	–	76	–	63	–	19	–	23	–
RESIDENCE UNKNOWN	–	109	–	–	28	–	14	–	5	–	5	–	1	–	3	–	5	–	2	–	12	–	11	–	3	–	1	–	4	–

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.

† 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.

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

Cause (ICD-10 Codes)‡‡	1901-1905	1906-1910	1911-1915	1916-1920	1921-1925	1926-1930	1931-1935	1936-1940	1941-1945	1946-1948	ANNUAL 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 I ,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												
Maternal Causes |||| (A34, O00-O95, O98-O99)	694	745	694	664	689	651	608	372	255	178	115	102
Rate per 100,000 live births	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												
Breast, female (C50)	§§	§§	§§	§§	§§	§§	§§	§§	§§	1,429	1,476	1,517
Rate										35.9	36.4	37.3
Diabetes Mellitus (E10-E14)	520	690	916	1,063	1,284	1,624	2,140	2,787	3,131	3,423	1,583	1,644
Rate	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												
Motor Vehicle Accidents¶	§§	§§	253	658	929	1,175	1,167	920	728	635	600	634
Rate.			5.0	12.0	15.0	17.5	16.4	12.5	9.6	8.2	7.6	8.1
Home Accidents	§§	§§	§§	§§	§§	§§	§§	1,546	1,823	1,941	1,699	1,568
Rate								21.0	24.0	25.0	21.4	19.9
Other Accidents (rest of V01-X59, Y85-Y86)	3,521	3,549	3,516	3,426	3,138	3,574	3,205	3,107	3,091	3,255	2,707	2,450
Rate	93.0	79.3	69.3	62.4	50.8	53.3	45.1	42.2	40.7	41.9	34.3	31.2
Intentional Self-harm (Suicide) (X60-X84, Y87.0)	761	825	686	742	842	1,163	1,369	1,191	907	930	863	649
Rate	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.
†See Technical Notes: Vital Events Rates.
‡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.

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	2013	2014
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	551	516
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	4.6	4.2
3,220	3,226	2,602	1,714	1,333	1,097	1,159	912	609	512	484	430	466	444	403	378	383	377	326
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	3.1	2.7
2,909	2,922	2,351	1,480	1,131	927	972	753	478	394	362	311	345	343	316	293	301	283	254
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	2.3	2.1
2,362	2,276	1,885	1,288	835	719	698	686	518	431	379	387	395	407	373	368	379	371	401
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	3.1	3.3
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	5.4	5.3
§§	§§	§§	§§	§§	§§	§§	§§	30	32	34	39	42	42	36	37	29	30	27
								24.1	25.7	27.1	30.2	32.9	33.1	28.8	30.1	23.5	24.9	22.1
107	109	73	36	28	33	29	26	22	29	29	32	39	31	30	30	23	25	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	20.8	18.8
824	624	432	235	141	125	174	135	39	25	15	14	13	18	19	27	13	13	22
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	0.2	0.3
52	43	39	32	22	35	55	34	14	5	3	2	5	7	7	5	3	4	9
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	0.0	0.1
§§	§§	§§	§§	§§	768§	3,703	6,257	2,716	1,603	1,209	1,115	1,073	933	832	766	609	579	523
					10.7	50.9	83.2	36.4	19.9	15.0	13.8	13.2	11.4	10.1	9.3	7.3	6.9	6.2
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	13,362	13,380
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	159.0	157.6
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	1,569	1,405
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	39.1	34.7
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	1,349	1,254
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	30.7	28.2
§§	§§	§§	§§	§§	§§	§§	1,805	1,685	1,546	1,473	1,376	1,419	1,408	1,393	1,374	1,380	1,329	1,268
							24.0	22.6	19.2	18.3	17.1	17.5	17.2	16.9	16.6	16.6	15.8	14.9
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	1,080	1,098
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	24.6	24.7
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	1,844	1,798
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	21.9	21.2
38,988	39,943	41,981	40,639	37,978	37,818	33,527	32,074	29,330	26,663	24,760	24,300	24,016	22,950	21,043	20,044	19,808	19,967	19,715
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	237.5	232.2
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	1,707	1,787
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	20.3	21.0
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	2,472	2,220
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	29.4	26.1
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	2,355	2,425
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	28.0	28.6
1,858	2,386	2,936	2,440	2,185	1,789	1,289	946	697	521	454	453	542	494	521	550	534	586	589
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	7.0	6.9
573	509	447	372	381	383	816	311	564	654	468	435	385	371	487	453	461	464	486
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	5.5	5.7
96	263	551	677	414	573	787	947	875	866	903	149††	129	136	144	158	152	148	170
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	1.8	2.0
§§	§§	§§	§§	§§	1	143	49	26	41	76	700††	607	562	521	600	660	724	723
					‖	2.0	0.7	0.3	0.5	0.9	8.5	7.5	6.9	6.3	7.3	7.9	8.6	8.5
655	714	887	834	606	477	624	554	419	386	385	300	320	291	279	283	315	305	271
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	3.6	3.2
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	731	755
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	8.7	8.9
711	908	680	641	711	603	600	599	514	483	459	477	473	475	503	509	557	550	565
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	6.5	6.7
366	592	992	1,663	1,700	1,763	1,902	1,815	778	624	624	517	558	496	551	528	440	343	353
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	4.1	4.2
§§	§§	946	1,062	699	696	504	161	151	232	263	185	192	201	217	247	241	227	253
		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	2.7	3.0
§§	§§	§§	§§	§§	§§	§§	84	115	232	246	283	374	520	577	626	696	740	789
							1.2	1.5	2.9	3.1	3.5	4.6	6.3	7.0	7.6	8.3	8.8	9.3
§§	§§	§§	§§	§§	§§	§§	269	243	196	149	135	149	152	185	171	166	180	182
							3.7	3.3	2.4	1.9	1.7	1.8	1.9	2.2	2.1	2.0	2.1	2.1

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Table M14. Alcohol-attributable Deaths Due to Excessive Alcohol Use, Age ≥20 Years, New York City, 2014

Total for All Causes	Total	Male	Female
	1,791	1,275	516
Chronic Causes			
Acute pancreatitis	11	7	4
Alcohol abuse	42	33	9
Alcohol cardiomyopathy	9	8	1
Alcohol dependence syndrome	166	127	39
Alcoholic liver disease	404	310	94
Alcoholic psychosis	3	2	1
Breast cancer (females only)	14	0	14
Cholelithiases	0	0	0
Chronic hepatitis	< 1	< 1	0
Chronic pancreatitis	5	3	3
Degeneration of nervous system due to alcohol	1	1	0
Epilepsy	4	2	2
Esophageal cancer	8	6	2
Gastroesophageal hemorrhage	1	1	0
Hypertension	84	37	47
Ischemic heart disease	22	10	11
Laryngeal cancer	5	4	1
Liver cancer	35	23	13
Liver cirrhosis unspecified	96	49	46
Low birth weight prematurity IUGR death*	4	2	2
Oropharyngeal cancer	7	5	2
Portal hypertension	< 1	< 1	0
Prostate cancer (males only)	5	5	0
Psoriasis	< 1	< 1	0
Spontaneous abortion (females only)	< 1	0	< 1
Stroke hemorrhagic	30	23	7
Stroke ischemic	8	6	3
Superventricular cardiac dysrthymia	3	1	2
Subtotal	967	664	303
Acute Causes			
Alcohol poisoning	67	61	6
Aspiration	2	1	1
Child maltreatment	4	2	1
Drowning	4	3	1
Fall injuries	140	80	60
Fire injuries	20	11	9
Firearm injuries	< 1	< 1	0
Homicide	156	135	21
Hypothermia	5	5	1
Motor-vehicle nontraffic crashes	1	1	< 1
Motor-vehicle traffic crashes	78	63	15
Occupational and machine injuries	< 1	< 1	0
Other road vehicle crashes	8	6	2
Poisoning (not alcohol)	210	154	57
Suicide	129	90	39
Water transport	< 1	< 1	0
Subtotal	824	611	213

Note: Alcohol prevalence data are provided by the Bureau of Epidemiology Services. The definition of alcohol consumption levels was changed in 2014. See Technical Notes: Deaths, Alcohol and Smoking Attributable Mortality.

* IUGR = Intrauterine growth restriction.

Table M15. Smoking-attributable Deaths and Age-adjusted Death Rates, Age ≥ 35 Years, New York City, 2014

Disease Category	Deaths			Age-adjusted Rates (per 100,000 Population)		
	Male	Female	Total	Male	Female	Total
Total	4,587	3,343	7,930	246.7	127.4	177.6
Cerebrovascular disease	54	56	111	3.1	2.2	2.6
Chronic obstructive pulmonary disease (ages 65 +)	515	584	1,100	31.5	22.4	25.9
Coronary heart disease	1,478	1,083	2,560	79.4	41.7	58.1
Diabetes mellitus	63	30	93	3.2	1.1	2.0
Influenza, pneumonia, Tuberculosis, and COPD (ages 35-64)	215	121	336	9.0	4.3	6.5
Influenza, pneumonia, and tuberculosis (ages 65 +)	186	98	284	11.2	3.8	6.7
Lung cancer	1,134	909	2,043	60.3	34.3	45.0
Other cancers	619	251	870	32.9	9.4	19.1
Other cardiovascular diseases (ages 35-64)*	191	60	250	8.3	2.4	5.1
Other heart disease (ages 65 +)†	69	86	155	4.0	3.3	3.6
Other vascular diseases (ages 65 +)‡	64	64	128	3.7	2.5	3.0

Notes:

Smoking prevalence rates are from New York City Community Health Survey and calculated by Bureau of Epidemiology Services, New York City Department of Health and Mental Hygiene.

Beginning 2014, smoking-attributable death calculation uses CDC updated method. As a result, the smoking-attributable deaths are much higher than prior years. See Technical Notes: Deaths, Alcohol-and Smoking-attributable Mortality for methodology.

* Other cardiovascular diseases are comprised of other heart disease, cerebrovascular disease, other vascular diseases and diabetes mellitus.

† Other heart disease comprised of rheumatic heart disease, pulmonary heart disease, and other forms of heart disease.

‡ Other vascular diseases are comprised of atherosclerosis, aortic aneurysm, and other arterial diseases.

AGE GROUP/ETHNIC GROUP		ALL 1983-2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	1983-2004	2005	2006
ALL AGES	Total.	73,014	1,419	1,209	1,115	1,073	933	832	766	609	579	523	55,939	949	818
	Puerto Rican	13,629	289	220	224	217	187	196	186	115	138	88	10,014	206	163
	Other Hispanic	6,495	129	111	103	118	105	72	46	37	34	43	5,309	100	78
	Asian & Pacific Islander	470	7	10	5	10	3	6	4	5	8	2	417	6	8
	Non-Hispanic White	18,486	196	178	143	129	90	100	94	80	73	62	16,119	143	139
	Non-Hispanic Black	30,164	769	660	625	583	537	449	421	359	311	298	21,058	475	407
	Other or Unknown	3,770	29	30	15	16	11	9	15	13	15	30	3,022	19	23
UNDER 1	Total	314	–	–	–	–	–	–	–	–	–	–	158	–	–
	Puerto Rican	42	–	–	–	–	–	–	–	–	–	–	24	–	–
	Other Hispanic	30	–	–	–	–	–	–	–	–	–	–	16	–	–
	Asian & Pacific Islander	1	–	–	–	–	–	–	–	–	–	–	1	–	–
	Non-Hispanic White	48	–	–	–	–	–	–	–	–	–	–	31	–	–
	Non-Hispanic Black	174	–	–	–	–	–	–	–	–	–	–	78	–	–
	Other or Unknown	19	–	–	–	–	–	–	–	–	–	–	8	–	–
1-14	Total	957	4	1	2	–	1	–	–	1	–	–	488	2	–
	Puerto Rican	168	2	–	–	–	–	–	–	–	–	–	88	1	–
	Other Hispanic	101	1	1	1	–	–	–	–	–	–	–	54	–	–
	Asian & Pacific Islander	6	–	–	–	–	–	–	–	–	–	–	3	–	–
	Non-Hispanic White	154	–	–	1	–	–	–	–	–	–	–	83	–	–
	Non-Hispanic Black	482	1	–	–	–	1	–	–	1	–	–	241	1	–
	Other or Unknown	46	–	–	–	–	–	–	–	–	–	–	19	–	–
15-24	Total	1,076	22	22	19	17	14	8	16	11	8	9	641	14	12
	Puerto Rican	235	4	1	7	3	2	1	4	2	–	–	135	4	1
	Other Hispanic	124	2	5	4	–	–	–	–	2	–	–	87	2	3
	Asian & Pacific Islander	7	–	–	–	–	–	1	–	–	–	–	5	–	–
	Non-Hispanic White	156	1	1	–	1	3	–	–	–	–	2	105	1	–
	Non-Hispanic Black	489	15	13	8	13	6	6	12	7	7	7	271	7	7
	Other or Unknown	65	–	2	–	–	–	–	–	–	–	–	38	–	1
25-34	Total	16,954	92	63	52	77	49	37	40	34	29	28	12,226	59	41
	Puerto Rican	3,519	12	4	8	8	7	11	2	3	5	4	2,458	6	2
	Other Hispanic	1,790	12	6	4	11	3	8	8	6	4	3	1,426	9	4
	Asian & Pacific Islander	92	–	–	–	–	1	–	2	1	–	–	78	–	–
	Non-Hispanic White	4,047	7	9	3	6	5	1	3	1	2	1	3,372	5	6
	Non-Hispanic Black	6,612	59	44	35	52	33	17	25	23	17	19	4,220	38	29
	Other or Unknown	894	2	–	–	–	–	–	–	–	–	1	672	1	–
35-44	Total	30,881	407	343	311	246	190	142	125	90	73	60	23,790	241	211
	Puerto Rican	5,633	71	65	64	57	45	34	28	17	22	12	4,200	46	47
	Other Hispanic	2,575	48	41	27	37	28	19	8	4	3	7	2,119	32	28
	Asian & Pacific Islander	188	3	4	2	3	1	–	–	2	3	1	175	3	3
	Non-Hispanic White	8,217	45	45	46	34	18	16	12	15	7	10	7,178	31	28
	Non-Hispanic Black	12,697	224	182	168	113	98	71	76	49	37	28	8,856	120	100
	Other or Unknown	1,571	16	6	4	2	–	2	–	3	1	2	1,262	9	5
45-54	Total	16,276	586	502	448	425	352	330	287	217	215	167	13,179	400	342
	Puerto Rican	2,971	140	99	84	89	65	85	75	46	55	34	2,288	101	74
	Other Hispanic	1,272	49	40	43	46	46	29	15	14	14	16	1,093	43	29
	Asian & Pacific Islander	116	3	3	–	5	–	3	–	–	1	1	108	2	2
	Non-Hispanic White	4,171	93	76	61	45	35	37	41	28	28	16	3,797	69	65
	Non-Hispanic Black	6,893	294	272	256	231	200	173	150	123	111	87	5,152	180	164
	Other or Unknown	853	7	12	4	9	6	3	6	6	6	13	741	5	8
≥ 55	Total	6,555	308	278	283	308	327	315	298	255	254	259	5,456	233	212
	Puerto Rican	1,061	60	51	61	60	68	65	77	47	56	38	821	48	39
	Other Hispanic	603	17	18	24	24	25	16	15	11	13	17	514	14	14
	Asian & Pacific Islander	60	1	3	2	2	1	2	1	2	4	–	47	1	3
	Non-Hispanic White	1,693	50	47	32	43	29	46	38	36	35	33	1,553	37	40
	Non-Hispanic Black	2,817	176	149	158	174	199	182	158	155	139	157	2,240	129	107
	Other or Unknown	321	4	10	6	5	5	4	9	4	7	14	281	4	9

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, 1983-2014

MALE								FEMALE										
2007	2008	2009	2010	2011	2012	2013	2014	1983-2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
711	702	603	574	528	402	398	359	17,075	470	391	404	371	330	258	238	207	181	164
142	138	125	135	123	75	94	56	3,615	83	57	82	79	62	61	63	40	44	32
76	84	71	54	39	28	28	36	1,186	29	33	27	34	34	18	7	9	6	7
3	7	2	3	2	4	5	1	53	1	2	2	3	1	3	2	1	3	1
103	104	68	76	75	63	53	50	2,367	53	39	40	25	22	24	19	17	20	12
377	356	329	297	277	223	204	196	9,106	294	253	248	227	208	152	144	136	107	102
10	13	8	9	12	9	14	20	748	10	7	5	3	3	–	3	4	1	10
–	–	–	–	–	–	–	–	156	–	–	–	–	–	–	–	1	–	–
–	–	–	–	–	–	–	–	18	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	14	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	17	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	96	–	–	–	–	–	–	–	1	–	–
–	–	–	–	–	–	–	–	11	–	–	–	–	–	–	–	–	–	–
1	–	1	–	–	1	–	–	469	2	1	1	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	80	1	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	47	1	1	1	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	3	–	–	–	–	–	–	–	–	–	–
1	–	–	–	–	–	–	–	71	–	–	–	–	–	–	–	–	–	–
–	–	1	–	–	1	–	–	241	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	27	–	–	–	–	–	–	–	–	–	–
9	7	5	4	13	5	6	7	435	8	10	10	10	9	4	3	6	2	2
3	–	–	–	2	–	–	–	100	–	–	4	3	2	1	2	2	–	–
4	–	–	–	–	1	–	–	37	–	2	–	–	3	–	–	1	–	–
–	–	–	1	–	–	–	–	2	–	–	–	–	–	–	–	–	–	–
–	1	2	–	–	–	–	2	51	–	1	–	–	1	–	–	–	1	–
2	6	3	3	11	4	6	5	218	8	6	6	7	3	3	1	3	1	2
–	–	–	–	–	–	–	–	27	–	1	–	–	–	–	–	–	–	–
32	48	32	27	29	24	27	17	4,728	33	22	20	29	17	10	11	10	2	11
3	5	6	7	2	2	5	–	1,061	6	2	5	3	1	4	–	1	–	4
4	10	2	6	7	5	4	3	364	3	2	–	1	1	2	1	1	–	–
–	–	–	–	1	1	–	–	14	–	–	1	–	1	–	1	–	–	–
2	4	5	1	2	1	1	1	675	2	3	1	2	–	–	1	–	1	–
22	29	19	13	17	15	16	12	2,392	21	15	13	23	14	4	8	8	1	7
1	–	–	–	–	–	1	1	222	1	–	–	–	–	–	–	–	–	–
177	144	111	94	77	54	45	33	7,091	166	132	134	102	79	48	48	36	28	27
41	30	26	20	17	10	10	4	1,433	25	18	23	27	19	14	11	7	12	8
17	23	16	14	8	1	3	5	456	16	13	10	14	12	5	–	3	–	2
1	3	1	–	–	1	1	–	13	–	1	1	–	–	–	1	1	2	1
32	22	12	11	10	13	3	7	1,039	14	17	14	12	6	5	2	2	4	3
83	65	56	47	42	28	27	16	3,841	104	82	85	48	42	24	34	21	10	12
3	1	–	2	–	1	1	1	309	7	1	1	1	–	–	–	2	–	1
289	275	225	219	183	136	140	115	3,097	186	160	159	150	127	111	104	81	75	52
58	56	51	62	43	29	38	22	683	39	25	26	33	14	23	32	17	17	12
32	33	35	20	12	12	10	13	179	6	11	11	13	11	9	3	2	4	3
–	3	–	1	–	–	1	1	8	1	1	–	2	–	2	–	–	–	–
40	37	25	28	30	22	20	13	374	24	11	21	8	10	9	11	6	8	3
156	139	111	105	95	69	65	55	1,741	114	108	100	92	89	68	55	54	46	32
3	7	3	3	3	4	6	11	112	2	4	1	2	3	–	3	2	–	2
203	228	229	230	226	182	180	187	1,099	75	66	80	80	98	85	72	73	74	72
37	47	42	46	59	34	41	30	240	12	12	24	13	26	19	18	13	15	8
19	18	18	14	12	9	11	15	89	3	4	5	6	7	2	3	2	2	2
2	1	1	1	1	2	3	–	13	–	–	–	1	–	1	–	–	1	–
28	40	24	36	33	27	29	27	140	13	7	4	3	5	10	5	9	6	6
114	117	139	129	112	106	90	108	577	47	42	44	57	60	53	46	49	49	49
3	5	5	4	9	4	6	7	40	–	1	3	–	–	–	–	–	1	7

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Table M17. Selected Characteristics of Deaths Due to Fatal Occupational Injuries, New York City, 2013*

Characteristics	All Deaths	Contact with objects and equipment	Exposure to harmful substances or environments	Falls, slips or trips	Transportation incident	Violence and other injuries by persons or animals
Total	56	7	6	15	11	15
Selected Industries						
Government§ (Federal, State, Local)	5					
Private industries§	51	7	6	14	9	13
Goods producing	18	3		11		
Construction	17			11		
Service providing	33	4	4	3	7	13
Trade, transportation, and utilities	19				6	9
Retail trade	6					
Transportation and warehousing	12				4	6
Leisure and hospitality (Accommodation and food services)	3					
Other services, except public adminstration	8	3				
Sex						
Female	4					
Male	52	7	6	13	10	14
Race or ethnic origin¦						
Non-Hispanic White	16			7	4	3
Non-Hispanic Black	12			3		4
Hispanic	22	5	4	4	3	6
Asian	5					
Age						
<25 years						
25-34 years	5					
35-44 years	12					4
45-54 years	15	3		5		4
55 - 64 years	15	3	3	4		3
>65 years	7			3	3	

*Source Bureau of Labor Statistics: Fatal Occupational Injuries in New York City http://www.bls.gov/iif/oshwc/cfoi/tgs/2013/iiffw68.htm

†Based on the BLS Occupational Injury and Illness Classification System (OIICS) 2.01 implemented for 2011 data forward.

‡Empty cells are either zero or censored fatalities; rows or columns may not sum to totals.

§Includes all fatal occupational injuries meeting this ownership criterion across all specific years, regardless on industry classification system.

¦Persons identified as Hispanic or Latino may be of any race. The individual race categories shown other than Hispanic exclude data for Hispanic and Latino workers.

Table M18. Deaths Due to Accidents, Overall and by Age and Sex, New York City, 2014

Type	All Ages	0-4 M	0-4 F	5-9 M	5-9 F	10-14 M	10-14 F	15-19 M	15-19 F	20-24 M	20-24 F	25-34 M	25-34 F	35-44 M	35-44 F	45-54 M	45-54 F	55-64 M	55-64 F	65-74 M	65-74 F	≥75 M	≥75 F
Total	1,749	10	4	6	2	9	3	18	13	65	18	186	59	181	45	237	76	217	76	104	54	165	200
Motor Vehicle Except Injury to Pedestrian, Pedal Cyclist, and Motorcyclist	57	-	-	-	1	1	-	2	3	7	1	11	1	6	1	4	2	1	-	5	3	5	3
Injury to Pedestrians	183	-	-	2	1	3	2	4	1	4	4	20	6	5	5	16	3	27	18	15	9	16	22
Collision with motor vehicle	149	-	-	2	1	3	2	1	1	2	2	15	6	3	3	10	2	23	14	14	9	15	21
Collision with railway transportation	29	-	-	-	-	-	-	3	-	2	2	5	-	2	-	5	1	4	2	1	1	-	1
Other collision	5	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	2	-	-	1	-
Injury to Pedal Cyclist	25	-	-	-	-	1	-	0	-	2	0	3	1	1	-	6	-	5	-	5	-	0	-
Collision with motor vehicle	15	-	-	-	-	-	-	-	-	1	-	2	1	1	1	4	-	3	-	3	-	-	-
Other collision	10	-	-	-	-	1	-	-	-	1	-	1	-	-	1	2	-	2	-	2	-	-	-
Injury to Motorcyclist	39	-	-	-	-	-	-	1	1	4	2	13	2	11	-	3	-	1	-	1	-	-	-
Water Transport Accidents	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
Air and Space Transport Accidents	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Transport Accidents	14	-	-	-	-	-	-	1	-	4	-	1	1	2	-	2	1	1	-	1	1	1	-
Sequelae (Late Effects) of Transport Accidents	14	-	-	-	-	-	-	-	-	1	-	-	-	1	-	2	1	1	2	3	2	1	-
Fall	439	2	-	-	-	-	-	1	-	2	1	10	-	14	3	18	4	50	7	37	23	117	149
Firearm Discharge	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
Drowning and Submersion	17	1	1	-	-	2	1	-	2	3	-	2	-	2	-	-	-	1	-	-	-	2	-
Smoke, Fire, and Flames	52	1	1	2	-	1	-	-	1	2	1	3	1	3	1	2	2	3	3	4	1	8	12
Poisoning by Noxious Substances	794	-	-	1	-	-	-	7	5	33	8	119	44	124	31	173	60	108	42	23	9	4	2
Poisoning by psychoactive substances*	723	-	-	1	-	-	-	7	5	32	8	113	44	113	31	148	59	92	37	20	7	3	2
Poisoning by other noxious substances	71	-	-	-	-	-	-	-	-	1	-	6	-	11	-	25	1	16	5	3	-	1	-
Exposure to Excessive Natural Heat	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	1	1	-	-
Exposure to Excessive Natural Cold	13	-	1	-	-	-	-	-	-	-	-	1	-	3	-	1	1	4	1	1	-	1	-
Suffocation	30	4	1	-	-	-	-	1	-	-	-	1	1	3	1	2	-	1	-	3	3	3	6
Contact with Machinery	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
Other Nontransport Accidents	52	2	-	1	-	1	-	-	-	3	-	1	1	5	-	4	1	7	3	4	2	8	5
Sequelae (Late Effects) of Nontransport Accidents	13	-	-	-	-	-	-	1	-	-	-	1	-	-	-	2	1	4	-	2	-	-	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, 2014

Method	All Ages	0-4 Male	0-4 Female	5-9 Male	5-9 Female	10-14 Male	10-14 Female	15-19 Male	15-19 Female	20-24 Male	20-24 Female	25-34 Male	25-34 Female	35-44 Male	35-44 Female	45-54 Male	45-54 Female	55-64 Male	55-64 Female	65-74 Male	65-74 Female	≥75 Male	≥75 Female
Total	565	-	-	-	1	-	3	11	9	29	9	88	33	67	23	74	33	62	33	36	14	25	15
Poisoning by Drug and Medicinal Substances	64	-	-	-	-	-	-	-	2	1	1	5	6	5	3	5	8	8	9	3	2	2	4
Poisoning by Other Substances	19	-	-	-	-	-	-	-	-	2	-	3	2	2	1	3	2	1	1	1	-	1	-
Hanging, Strangulation, and Suffocation	234	-	-	1	1	-	3	7	3	10	5	32	17	31	10	31	10	24	16	16	6	9	3
Drowning and Submersion	26	-	-	-	-	-	-	1	1	5	1	7	-	4	1	2	1	-	2	-	-	-	1
Firearm Discharge	55	-	-	-	-	-	-	1	-	5	-	11	-	8	2	11	-	5	1	8	1	5	-
Sharp Object	20	-	-	-	-	-	-	1	-	3	-	3	-	5	-	5	-	3	2	1	-	-	-
Jumping From High Place	107	-	-	-	-	-	-	1	2	5	1	19	6	11	5	13	11	11	2	3	4	7	6
Jumping or Lying Before Moving Object	32	-	-	-	-	-	-	1	1	3	1	8	2	-	1	2	-	7	-	3	1	1	1
Other and Unspecified Means	7	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	-	3	-	1	-	-	-
Sequelae (Late Effects)	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-

Table M20. Deaths Due to Assault (Homicide) and Legal Intervention, Overall and by Age and Sex, New York City, 2014

Method	All Ages	0-4 Male	0-4 Female	5-9 Male	5-9 Female	10-14 Male	10-14 Female	15-19 Male	15-19 Female	20-24 Male	20-24 Female	25-34 Male	25-34 Female	35-44 Male	35-44 Female	45-54 Male	45-54 Female	55-64 Male	55-64 Female	65-74 Male	65-74 Female	≥75 Male	≥75 Female
Total	360	9	9	2	0	2	0	20	5	74	6	72	5	50	5	45	7	22	5	7	5	4	1
Poisoning by Noxious Substances	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
Hanging, Strangulation, and Suffocation	8	1	1	-	-	-	-	-	-	1	-	3	-	-	-	2	1	-	-	-	-	-	-
Drowning and Submersion	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Firearm Discharge	194	-	-	-	-	-	-	16	2	62	3	52	4	26	1	19	1	6	1	1	1	-	-
Smoke, Fire, and Flames	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
Sharp Object	74	-	2	1	-	2	-	4	2	7	3	12	1	10	3	10	4	4	1	4	1	1	-
Blunt Object	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-
Pushing From High Place	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bodily Force	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-
Neglect, Abandonment, and Other Maltreatment	6	3	2	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other and Unspecified Means	55	4	4	1	-	-	-	-	-	4	-	4	-	10	1	6	1	10	2	1	2	3	-
Sequelae (Late Effects)	10	-	-	-	-	-	-	-	-	-	-	1	-	1	-	4	-	1	-	1	1	-	-
Legal Intervention, All*	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	1	-	-	-	1

* Five of 7 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, 2014

Method	All Ages	0-4 Male	0-4 Female	5-9 Male	5-9 Female	10-14 Male	10-14 Female	15-19 Male	15-19 Female	20-24 Male	20-24 Female	25-34 Male	25-34 Female	35-44 Male	35-44 Female	45-54 Male	45-54 Female	55-64 Male	55-64 Female	65-74 Male	65-74 Female	≥75 Male	≥75 Female
Total	253	21	20	-	-	2	1	3	-	7	4	25	7	23	11	42	10	29	11	12	5	8	12
Poisoning by Noxious Substances	20	-	-	-	-	-	-	-	-	2	1	4	1	-	1	1	3	2	4	-	1	-	-
Hanging, Strangulation, and Suffocation	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Drowning and Submersion	18	1	-	-	-	-	-	-	-	1	-	4	-	2	1	4	2	2	1	-	-	-	-
Firearm Discharge	2	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-
Smoke, Fire, and Flames	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
Sharp or Blunt Object	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
Falling From High Place	23	-	-	-	-	1	-	-	-	3	1	6	-	3	4	1	-	2	-	-	-	2	-
Other and Unspecified Means	183	20	20	-	-	1	1	3	-	1	2	10	6	17	5	33	5	21	6	11	3	6	12
Sequelae (Late Effects)	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	1	-	1	1	-	-

Table M22. Deaths Due to Complications of Medical and Surgical Care, Overall and by Age and Sex, New York City, 2014

Method	All Ages	0-4 Male	0-4 Female	5-9 Male	5-9 Female	10-14 Male	10-14 Female	15-19 Male	15-19 Female	20-24 Male	20-24 Female	25-34 Male	25-34 Female	35-44 Male	35-44 Female	45-54 Male	45-54 Female	55-64 Male	55-64 Female	65-74 Male	65-74 Female	≥75 Male	≥75 Female
Total	26	-	-	-	-	-	-	-	-	-	-	1	-	2	1	3	1	4	-	3	2	5	4
Adverse Effects From Drugs, Medicaments, Biological Substances for Therapeutic Use	2	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-	-
Medical Misadventures to Patients During Surgical and Medical Care	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
Other and Unspecified Means	23	-	-	-	-	-	-	-	-	-	-	1	-	1	1	3	1	3	-	2	2	5	4
Sequelae (Late Effects)	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table M23. Deaths Due to Firearms (All Causes), Overall and by Age and Sex, New York City, 2014

Method	All Ages	0-4 Male	0-4 Female	5-9 Male	5-9 Female	10-14 Male	10-14 Female	15-19 Male	15-19 Female	20-24 Male	20-24 Female	25-34 Male	25-34 Female	35-44 Male	35-44 Female	45-54 Male	45-54 Female	55-64 Male	55-64 Female	65-74 Male	65-74 Female	≥75 Male	≥75 Female
Firearms (All Causes)	257	-	-	-	-	-	-	16	2	65	3	67	4	36	3	32	4	11	1	9	2	5	-

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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*

All

Exact Age in Years	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

Male

Exact Age in Years	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

Female

Exact Age in Years	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.

Table M25. Life Expectancy at Specified Ages, Overall and by Sex, New York City, 2004-2013

Age in years	Total									
	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
0	79.0	79.2	79.7	80.1	80.2	80.6	80.9	80.9	81.1	81.1
1	78.5	78.7	79.1	79.6	79.6	80.0	80.3	80.3	80.5	80.4
5	74.5	74.7	75.2	75.6	75.7	76.1	76.3	76.3	76.5	76.5
10	69.6	69.8	70.3	70.7	70.7	71.1	71.4	71.4	71.6	71.5
15	64.7	64.8	65.3	65.7	65.8	66.2	66.4	66.4	66.6	66.6
20	59.8	60.0	60.4	60.8	60.9	61.3	61.6	61.5	61.7	61.6
25	55.0	55.2	55.6	56.0	56.1	56.4	56.7	56.7	56.9	56.8
30	50.1	50.3	50.8	51.2	51.3	51.6	51.9	51.9	52.0	51.9
35	45.3	45.5	46.0	46.3	46.5	46.8	47.1	47.1	47.2	47.1
40	40.6	40.8	41.3	41.6	41.7	42.0	42.3	42.3	42.5	42.4
45	36.1	36.3	36.7	37.0	37.1	37.4	37.6	37.6	37.8	37.7
50	31.8	31.9	32.3	32.6	32.7	33.0	33.1	33.2	33.3	33.1
55	27.6	27.7	28.1	28.4	28.4	28.7	28.8	28.8	28.9	28.8
60	23.6	23.7	24.1	24.3	24.3	24.6	24.7	24.7	24.7	24.6
65	19.6	19.8	20.1	20.4	20.4	20.6	20.8	20.7	20.7	20.6
70	16.0	16.1	16.4	16.6	16.7	16.9	17.0	17.0	17.0	16.9
75	12.5	12.6	12.9	13.1	13.2	13.4	13.5	13.4	13.5	13.4
80	9.6	9.6	9.8	10.0	10.0	10.2	10.3	10.3	10.4	10.4
85	7.1	7.1	7.2	7.4	7.3	7.5	7.5	7.4	7.5	7.4

Age in years	Male									
	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
0	76.3	76.4	76.8	77.3	77.5	77.8	78.1	78.2	78.4	78.3
1	75.8	75.9	76.3	76.8	76.9	77.3	77.5	77.6	77.8	77.7
5	71.8	72.0	72.4	72.9	73.0	73.3	73.6	73.6	73.9	73.8
10	66.9	67.0	67.5	67.9	68.0	68.4	68.6	68.7	68.9	68.8
15	62.0	62.1	62.5	62.9	63.1	63.4	63.6	63.8	64.0	63.9
20	57.1	57.3	57.7	58.1	58.2	58.6	58.8	58.9	59.1	59.0
25	52.4	52.6	52.9	53.4	53.5	53.8	54.1	54.2	54.3	54.2
30	47.6	47.8	48.2	48.6	48.7	49.1	49.3	49.4	49.6	49.4
35	42.9	43.0	43.4	43.8	44.0	44.3	44.5	44.6	44.8	44.6
40	38.2	38.4	38.8	39.1	39.3	39.6	39.8	39.9	40.1	39.9
45	33.8	33.9	34.3	34.7	34.8	35.0	35.2	35.3	35.5	35.3
50	29.6	29.7	30.0	30.4	30.5	30.7	30.8	30.9	31.1	30.9
55	25.6	25.7	26.0	26.3	26.4	26.6	26.7	26.7	26.9	26.6
60	21.8	21.9	22.2	22.4	22.5	22.6	22.7	22.8	22.8	22.6
65	18.0	18.1	18.4	18.7	18.7	18.9	19.0	19.1	19.1	18.8
70	14.6	14.7	14.9	15.1	15.3	15.4	15.5	15.5	15.6	15.4
75	11.3	11.5	11.6	11.8	12.1	12.2	12.2	12.3	12.3	12.2
80	8.7	8.8	8.9	9.0	9.1	9.3	9.3	9.4	9.4	9.4
85	6.6	6.5	6.5	6.7	6.7	6.8	6.8	6.8	6.8	6.7

Age in years	Female									
	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
0	81.3	81.6	82.1	82.5	82.6	83.0	83.3	83.2	83.4	83.4
1	80.8	81.0	81.5	81.9	82.0	82.3	82.7	82.6	82.7	82.7
5	76.8	77.1	77.6	78.0	78.0	78.4	78.7	78.6	78.8	78.8
10	71.9	72.1	72.6	73.0	73.1	73.4	73.8	73.7	73.8	73.8
15	67.0	67.2	67.7	68.1	68.1	68.5	68.8	68.7	68.9	68.9
20	62.0	62.3	62.8	63.1	63.2	63.5	63.9	63.8	63.9	63.9
25	57.1	57.4	57.8	58.2	58.3	58.6	58.9	58.9	59.0	59.0
30	52.2	52.5	52.9	53.3	53.4	53.7	54.0	53.9	54.1	54.1
35	47.4	47.6	48.1	48.4	48.5	48.8	49.1	49.1	49.2	49.2
40	42.6	42.8	43.3	43.6	43.7	44.0	44.3	44.2	44.4	44.4
45	38.0	38.2	38.7	38.9	39.0	39.3	39.6	39.5	39.6	39.6
50	33.5	33.7	34.2	34.4	34.5	34.8	35.0	34.9	35.0	35.0
55	29.1	29.3	29.7	30.0	30.0	30.4	30.5	30.5	30.5	30.5
60	24.9	25.1	25.5	25.7	25.7	26.0	26.2	26.1	26.2	26.1
65	20.8	20.9	21.3	21.6	21.6	21.9	22.0	21.9	22.0	21.9
70	16.9	17.0	17.4	17.6	17.6	17.9	18.1	18.0	18.0	18.0
75	13.3	13.3	13.7	13.9	13.9	14.2	14.4	14.2	14.3	14.3
80	10.1	10.1	10.4	10.6	10.6	10.8	10.9	10.8	11.0	11.0
85	7.4	7.4	7.6	7.7	7.6	7.8	7.8	7.7	7.8	7.8

Note: Life expectancy for year 2014 is not presented since national data are required and are not yet available.

* Population data from 2002-2009 are interpolated based on 2000 and 2010 Census counts. Population data for 2011-2013 are extrapolated from 2000 and 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, 2014

Cause of Death	All YPLL	All %	Male YPLL	Male %	Female YPLL	Female %
Total	432,737	100.0	266,675	100.0	166,062	100.0
Malignant Neoplasms	107,956	24.9	54,126	20.3	53,830	32.4
Trachea, bronchus, and lung	17,935	4.1	10,262	3.8	7,673	4.6
Breast	11,839	2.7	101	0.0	11,738	7.1
Colon, rectum, and anus	9,566	2.2	5,210	2.0	4,356	2.6
Liver & intrahepatic bile ducts	6,794	1.6	5,141	1.9	1,653	1.0
Pancreas	6,757	1.6	3,906	1.5	2,851	1.7
Heart Disease	72,868	16.8	50,254	18.8	22,614	13.6
Use of or Poisoning by Psychoactive Substance	26,794	6.2	19,728	7.4	7,066	4.3
Accidents Except Poisoning by Psychoactive Substance	18,442	4.3	14,450	5.4	3,992	2.4
Motor vehicle	7,387	1.7	5,528	2.1	1,859	1.1
Intentional Self-harm (Suicide)	16,727	3.9	11,722	4.4	5,005	3.0
Assault (Homicide)	14,605	3.4	12,386	4.6	2,219	1.3
Diabetes Mellitus	13,008	3.0	7,837	2.9	5,171	3.1
HIV Disease	11,234	2.6	7,477	2.8	3,757	2.3
Cerebrovascular Diseases	10,256	2.4	6,072	2.3	4,184	2.5
Chronic Lower Respiratory Diseases	9,542	2.2	5,238	2.0	4,304	2.6
Chronic Liver Disease and Cirrhosis	9,000	2.1	6,483	2.4	2,517	1.5
Influenza and Pneumonia	8,973	2.1	5,582	2.1	3,391	2.0
Mental and Behavioral Disorders Due to Use of Alcohol	4,341	1.0	3,455	1.3	886	0.5
Viral Hepatitis	4,324	1.0	2,758	1.0	1,566	0.9
All Other Causes	104,667	24.2	59,107	22.2	45,560	27.4

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

Table M27. Death Rates by Poverty Level Indicator, New York City, 2005 and 2014

Age-adjusted Death Rates	Low (< 10%) 2014	Low (< 10%) 2005	Low (< 10%) Chg 2005 to 2014 (%)	Medium (10 to < 20%) 2014	Medium (10 to < 20%) 2005	Medium (10 to < 20%) Chg 2005 to 2014 (%)	High (20 to < 30%) 2014	High (20 to < 30%) 2005	High (20 to < 30%) Chg 2005 to 2014 (%)	Very High (≥ 30%) 2014	Very High (≥ 30%) 2005	Very High (≥ 30%) Chg 2005 to 2014 (%)
All Causes	413.0	573.7	-28.0%	537.7	630.9	-14.8%	564.7	707.1	-20.1%	716.3	844.9	-15.2%
Premature Deaths	108.8	146.7	-25.8%	149.1	185.9	-19.8%	171.2	240.7	-28.9%	270.9	334.0	-18.9%
10 Leading Causes												
Diseases of Heart	133.2	243.7	-45.3%	173.5	273.6	-36.6%	185.2	286.3	-35.3%	204.5	302.4	-32.4%
Malignant Neoplasms	108.2	144.1	-24.9%	134.7	141.0	-4.5%	130.3	149.0	-12.6%	170.6	166.5	2.5%
Influenza and Pneumonia	16.5	30.9	-46.6%	22.7	31.0	-26.8%	25.8	38.8	-33.5%	31.4	47.8	-34.3%
Chronic Lower Respiratory Diseases	15.2	18.5	-17.8%	18.5	17.1	8.2%	20.4	18.9	7.9%	25.6	24.4	4.9%
Diabetes Mellitus	11.1	13.7	-19.0%	16.9	19.6	-13.8%	23.0	26.7	-13.9%	33.4	40.1	-16.7%
Cerebrovascular Diseases	13.5	16.0	-15.6%	18.7	16.8	11.3%	18.8	21.5	-12.6%	24.8	27.6	-10.1%
Accidents Except Poisoning by Psychoactive Substances	8.7	11.1	-21.6%	10.5	13.3	-21.1%	10.9	13.0	-16.2%	12.9	14.1	-8.5%
Essential Hypertension and Hypertensive Renal Diseases	6.0	6.1	-1.6%	9.8	8.2	19.5%	12.5	10.0	25.0%	16.2	17.0	-4.7%
Use of or Poisoning by Psychoactive Substance	6.1	5.5	10.9%	8.3	7.1	16.9%	7.9	12.7	-37.8%	14.8	18.5	-20.0%
Alzheimers	6.5	4.1	58.5%	7.4	3.0	146.7%	7.7	2.3	234.8%	12.2	3.0	306.7%

Note: The 2005 poverty level is based on 2005-2009 US Census Bureau American Community Survey and the 2014 poverty level is based on 2009-2013 US Census Bureau American Community Survey.

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M28. Top 10 Leading Causes of Death, New York City, 2014, 2013 and 2005

Cause	2014		2013			2005		
	Rank	Crude Death Rate	Rank	Crude Death Rate	Change to 2014 (%)	Rank	Crude Death Rate	Change to 2014 (%)
Diseases of Heart*	1	194.5	1	199.4	-2.5%	1	281.1	-30.8%
Malignant Neoplasms	2	157.6	2	159.0	-0.9%	2	166.1	-5.1%
Influenza and Pneumonia	3	26.1	3	29.4	-11.2%	3	36.3	-28.1%
Chronic Lower Respiratory Diseases	4	21.5	5	21.9	-1.8%	6	19.6	9.7%
Diabetes Mellitus	5	21.2	4	21.9	-3.2%	4	22.5	-5.8%
Cerebrovascular Diseases	6	21.0	6	20.3	3.4%	5	20.5	2.4%
Accidents Except Drug Poisoning	7	12.1	8	12.3	-1.6%	8	14.4	-16.0%
Essential Hypertension and Renal Diseases	8	11.7	7	12.6	-7.1%	10	9.5	23.2%
Use of or Poisoning by Psychoactive Substance†	9	10.5	9	10.4	1.0%	9	11.3	-7.1%
Alzheimer's Disease	10	9.3	10	8.8	5.7%	20	3.3	181.8%

*See the *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.

†Appendix B Technical Notes: Drug-Related Deaths.

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Table IM1. Infant Deaths by Cause, Sex, and Age, New York City, 2014

	Cause of Death (ICD-10 Codes)	Total	Male Neonatal (<28 Days)	Male Postneonatal (≥ 28 Days)	Female Neonatal (<28 Days)	Female Postneonatal (≥ 28 Days)
	Total	**516**	**181**	**107**	**145**	**83**
1	HIV Infection (B20-B24)†	0	-	-	-	-
2	Diseases of the Circulatory System (I00-I99)†	11	-	8	1	2
3	Influenza and Pneumonia (J10-J18)†	4	-	1	-	3
4	Newborn Affected by Maternal Complications of Pregnancy (P01)†	12	8	-	4	-
5	Newborn Affected by Complications of Placenta, Cord, and Membranes (P02)†	9	2	-	6	1
6	Short Gestation and Low Birthweight (P07)†	116	57	8	44	7
7	Intrauterine Hypoxia and Birth Asphyxia (P20-P21)†	5	3	-	2	-
8	Respiratory Distress of Newborn (P22)†	14	5	-	9	-
9	Pulmonary Hemorrhage Originating in the Perinatal Period (P26)†	4	3	-	1	-
10	Atelectasis (P28.0-P28.1)†	4	3	1	-	-
11	Other Respiratory Conditions Originating in the Perinatal Period (P23-P28)‡	14	4	1	5	4
12	Cardiovascular Disorders Originating in the Perinatal Period (P29)‡	53	33	2	18	-
13	Infections Specific to the Perinatal Period (P35-P39)‡	12	8	-	4	-
	Bacterial sepsis of newborn (P36)	9	5	-	4	-
14	Neonatal Hemorrhage (P50-P52, P54)†	6	5	-	1	-
15	Necrotizing Enterocolitis of Newborn (P77)†	9	3	-	6	-
16	Remainder of Conditions Originating in the Perinatal Period (Rest of P00-P99)	21	13	-	7	1
17	Congenital Malformations, Deformations (Q00-Q99)†	99	27	23	31	18
	Congenital malformations of heart (Q20-Q24)	31	4	13	6	8
18	Sudden Infant Death Syndrome (R95)†	4	-	3	-	1
19	All Other Diseases (Rest of A00-R99)	72	7	33	4	28
20	External Causes (V01-Y89)‡	47	-	27	2	18

†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.

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Table IM2. Live Births and Infant Deaths by Mother's Racial/Ethnic Group and Characteristics of Infant, New York City, 2014

Characteristics	Live Births					Infant Deaths — 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.	Total	Hispanic	Non-H White	Non-H Black	Asian & P.I.	Total	Hispanic	Non-H White	Non-H Black	Asian & P.I.
Total	122,084	35,650	40,443	23,680	20,746	516	173	107	177	53	254	85	60	76	28	326	106	75	103	37	190	67	32	74	16
Sex of Child																									
Male	62,337	17,987	20,844	11,912	10,791	288	95	68	91	30	143	49	39	34	18	181	62	45	47	24	107	33	23	44	6
Female	59,747	17,663	19,599	11,768	9,955	228	78	39	86	23	111	36	21	42	10	145	44	30	56	13	83	34	9	30	10
Birthweight at Delivery (Grams)																									
Low birthweight (<2,500)	9,987	2,784	2,651	2,752	1,654	356	120	70	123	37	231	79	55	68	24	277	93	63	87	29	79	27	7	36	8
Very low birthweight (<1,500)	1,772	553	374	620	197	305	103	57	109	30	208	71	47	63	22	249	85	54	80	25	56	18	3	29	5
2,500-4,000	104,170	30,360	34,670	19,606	18,222	122	40	25	42	15	19	4	5	6	4	42	10	10	14	8	80	30	15	28	7
Above 4,000	7,924	2,506	3,122	1,322	870	5	2	1	2	-	-	-	-	-	-	1	-	-	1	-	4	2	1	1	-
Not stated	3	-	-	-	-	1	-	-	1	-	1	1	-	-	-	-	-	-	-	-	1	-	1	-	-
Unmatched†	-	-	-	-	-	32	10	10	11	1	3	1	-	2	-	6	2	2	2	-	26	8	8	9	1
Gestational Age (Weeks)																									
Preterm (<37)	10,735	3,224	2,926	2,838	1,592	353	120	71	118	38	221	77	50	65	24	271	92	60	84	30	82	28	11	34	8
Very preterm (<32)	1,820	593	388	626	189	298	101	56	105	30	202	69	46	61	21	242	83	53	77	24	56	18	3	28	6
Full-term	111,330	32,424	37,511	20,837	19,152	128	43	26	46	13	27	7	10	7	1	46	12	13	15	6	82	31	13	31	7
Not stated	19	2	6	5	2	3	-	2	-	1	3	-	-	2	1	3	-	2	-	1	-	-	-	-	-
Unmatched†	-	-	-	-	-	32	10	10	11	1	3	1	-	2	-	6	2	2	2	-	26	8	8	9	1
Plurality																									
Singletons	117,483	34,651	38,515	22,732	20,090	412	149	65	146	47	203	74	35	65	27	267	94	48	88	33	145	55	17	58	14
Multiples	4,601	999	1,928	948	656	72	14	32	20	5	48	10	25	10	1	53	10	25	13	4	19	4	7	7	1
Unmatched†	-	-	-	-	-	32	10	10	11	1	3	1	-	2	-	6	2	2	2	-	26	8	8	9	1
Plurality unknown	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

† Infants who died in New York City who were born elsewhere are classified as unmatched.

Table IM3. Infant Mortality Rate by Mother's Racial/Ethnic Group and Characteristics of Infant, New York City, 2014

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.	Total	Hispanic	Non-H White	Non-H Black	Asian & P.I.
Total	4.2	4.9	2.6	7.5	2.6	2.1	2.4	1.5	3.2	1.3	2.7	3.0	1.9	4.3	1.8	1.6	1.9	0.8	3.1	0.8
Sex of Child																				
Male	4.6	5.3	3.3	7.6	2.8	2.3	2.7	1.9	2.9	1.7	2.9	3.4	2.2	3.9	2.2	1.7	1.8	1.1	3.7	0.6
Female	3.8	4.4	2.0	7.3	2.3	1.9	2.0	1.1	3.6	1.0	2.4	2.5	1.5	4.8	1.3	1.4	1.9	0.5	2.5	1.0
Birthweight at Delivery (Grams)																				
Low birthweight (<2,500)	35.6	43.1	26.4	44.7	22.4	23.1	28.4	20.7	24.7	14.5	27.7	33.4	23.8	31.6	17.5	7.9	9.7	2.6	13.1	4.8
Very low birthweight (<1,500)	172.1	186.3	152.4	175.8	152.3	117.4	128.4	125.7	101.6	111.7	140.5	153.7	144.4	129.0	126.9	31.6	32.5	8.0	46.8	25.4
2,500-4,000	1.2	1.2	0.7	2.1	0.8	0.2	0.1	0.1	0.3	0.2	0.4	0.3	0.3	0.7	0.4	0.8	1.0	0.4	1.4	0.4
Above 4,000	0.6	0.6	0.3	0.8	-	0.1	0.4	-	-	-	0.1	0.4	-	-	-	0.5	0.8	0.3	1.5	-
Gestational Age (Weeks)																				
Preterm (<37)	32.9	37.2	24.3	41.6	23.9	20.6	23.9	17.1	22.9	15.1	25.2	28.5	20.5	29.6	18.8	7.6	8.7	3.8	12.0	5.0
Very preterm (<32)	163.7	170.3	144.3	167.7	158.7	111.0	116.4	118.6	97.4	111.1	133.0	140.0	136.6	123.0	127.0	30.8	30.4	7.7	44.7	31.7
Full-term	1.1	1.3	0.7	2.2	0.7	0.2	0.2	0.3	0.3	0.2	0.4	0.4	0.3	0.7	0.3	0.7	1.0	0.3	1.5	0.4
Plurality																				
Singletons	3.5	4.3	1.7	6.4	2.3	1.7	2.1	0.9	2.9	1.2	2.3	2.7	1.2	3.9	1.6	1.2	1.6	0.4	2.6	0.7
Multiples	15.6	14.0	16.6	21.1	7.6	10.4	10.0	13.0	9.5	4.6	11.5	10.0	13.0	13.7	6.1	4.1	4.0	3.6	7.4	1.5

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Table IM4. Live Births and Infant Mortality, Overall and by Mother's Racial/Ethnic Group, New York City, 2010–2014

Mother's Ethnic Group	2010	2011	2012	2013	2014
Live Births, Total	**124,791**	**123,029**	**123,231**	**120,457**	**122,084**
Puerto Rican	9,581	8,988	8,673	7,960	7,897
Other Hispanic	29,764	28,643	27,969	27,621	27,753
Asian and Pacific Islander	18,047	19,399	21,149	19,767	20,746
Non-Hispanic White	37,780	38,573	39,112	39,573	40,443
Non-Hispanic Black	26,635	25,825	24,758	24,108	23,680
Other or Unknown	2984	1,601	1,570	1,428	1,565
Infant Deaths (< 1 year), Total	**609**	**577**	**583**	**551**	**516**
Puerto Rican	61	61	57	38	60
Other Hispanic	129	124	133	120	113
Asian and Pacific Islander	62	57	70	62	53
Non-Hispanic White	104	118	104	117	107
Non-Hispanic Black	230	210	211	201	177
Other or Unknown	23	7	8	13	6
Infant Mortality Rate, Total	**4.9**	**4.7**	**4.7**	**4.6**	**4.2**
Puerto Rican	6.4	6.8	6.6	4.8	7.6
Other Hispanic	4.3	4.3	4.8	4.3	4.1
Asian and Pacific Islander	3.4	2.9	3.3	3.1	2.6
Non-Hispanic White	2.8	3.1	2.7	3.0	2.6
Non-Hispanic Black	8.6	8.1	8.5	8.3	7.5
Neonatal Deaths (< 28 days), Total	**403**	**378**	**383**	**377**	**326**
Puerto Rican	43	42	42	28	40
Other Hispanic	81	79	90	72	66
Asian and Pacific Islander	41	34	45	50	37
Non-Hispanic White	75	82	67	85	75
Non-Hispanic Black	148	136	135	132	103
Neonatal Mortality Rate, Total	**3.2**	**3.1**	**3.1**	**3.1**	**2.7**
Puerto Rican	4.5	4.7	4.8	3.5	5.1
Other Hispanic	2.7	2.8	3.2	2.6	2.4
Asian and Pacific Islander	2.3	1.8	2.1	2.5	1.8
Non-Hispanic White	2.0	2.1	1.7	2.1	1.9
Non-Hispanic Black	5.6	5.3	5.5	5.5	4.3

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Table IM5. Infant Mortality Rate by Mother's Birthplace, New York City, 2008–2014

Birthplace	2008-2010	2009-2011	2010-2012	2011-2013	2012-2014
Total, New York City	**5.2**	**4.9**	**4.8**	**4.7**	**4.5**
Jamaica	6.2	5.6	7.0	6.7	7.9
Trinidad and Tobago	5.1	3.4	6.1	5.3	7.3
Honduras	6.8	7.4	8.3	7.2	6.8
Peru	2.0	2.1	2.3	6.3	6.3
Haiti	6.1	4.9	5.4	6.0	6.2
India	2.3	2.4	5.2	5.8	6.1
Puerto Rico‡	7.9	8.5	8.4	6.5	5.3
Pakistan	5.4	5.6	6.1	5.6	5.2
Guyana	7.8	6.6	6.7	6.2	4.9
United States‡	6.0	5.7	5.2	5.0	4.8
Nigeria	7.2	8.1	7.1	7.4	4.5
Dominican Republic	4.2	4.0	3.8	4.0	4.4
El Salvador	2.9	3.4	3.0	3.2	4.2
Yemen Arab Republic	3.7	6.3	8.5	6.6	3.7
Mexico	3.8	3.4	4.0	4.2	3.7
Korea	0.7	0.7	1.1	3.4	3.6
Bangladesh	3.9	4.6	4.1	4.1	3.5
Ecuador	3.0	3.2	3.7	3.2	3.2
Colombia	1.5	2.8	2.9	3.8	3.0
Canada	2.2	2.1	2.0	3.6	3.0
Ghana	4.8	4.3	4.0	3.9	2.9
Egypt	2.9	1.3	1.7	1.5	2.8
Philippines	3.0	3.4	3.9	1.7	2.3
Israel	0.6	0.6	0.3	0.7	2.2
Poland	1.8	0.7	1.6	2.1	1.8
Uzbekistan	0.6	1.5	1.4	2.0	1.7
Guatemala	6.0	6.4	6.4	3.6	1.6
China	2.3	2.1	1.7	1.4	1.5
Japan	1.4	1.3	1.3	2.0	1.3
Russia	2.8	2.8	2.0	1.4	1.3
United Kingdom	2.3	1.2	1.8	1.2	1.3
Ukraine	2.1	1.2	0.8	0.4	0.0

*The infant mortality rate is listed only for countries with 500 or more live births in any year of 2008-2014.

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

‡As of 2006, US Virgin Islands and Guam are included in the US. 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, 2010–2014

Community District		2010–2012*		2011–2013*		2012–2014*	
		Infant Mortality Rate	Neonatal† Mortality Rate	Infant Mortality Rate	Neonatal† Mortality Rate	Infant Mortality Rate	Neonatal† Mortality Rate
	NEW YORK CITY	**4.8**	**3.1**	**4.7**	**3.1**	**4.5**	**3.0**
	MANHATTAN	**3.5**	**2.2**	**3.4**	**2.3**	**3.1**	**2.1**
101	Battery Park, Tribeca	1.2	1.2	1.5	1.2	2.0	1.4
102	Greenwich Village, SOHO	2.4	2.4	2.0	2.0	0.8	0.8
103	Lower East Side	2.6	1.3	2.4	1.0	2.1	1.5
104	Chelsea, Clinton	2.9	1.4	4.9	3.9	5.1	3.4
105	Midtown Business District	5.7	3.4	4.5	2.2	5.2	2.9
106	Murray Hill	2.3	1.5	2.1	1.0	1.0	0.8
107	Upper West Side	2.2	1.3	2.2	1.6	2.8	1.9
108	Upper East Side	1.5	1.1	1.0	0.8	0.8	0.4
109	Manhattanville	4.9	3.6	4.7	3.6	4.1	3.5
110	Central Harlem	8.4	5.7	8.1	5.7	6.7	4.1
111	East Harlem	5.3	3.9	6.0	4.5	5.7	4.2
112	Washington Heights	4.2	1.8	3.6	1.7	3.5	2.1
	BRONX	**5.6**	**3.7**	**5.7**	**3.7**	**5.5**	**3.6**
201	Mott Haven	6.6	4.2	6.6	3.7	6.4	3.3
202	Hunts Point	8.7	5.5	7.8	3.7	6.0	3.0
203	Morrisania	6.9	3.9	7.7	4.9	5.4	3.7
204	Concourse, Highbridge	5.5	3.4	5.5	3.3	4.7	2.9
205	University/Morris Heights	6.1	4.4	5.4	3.6	4.8	3.2
206	East Tremont	9.0	6.0	8.7	5.9	8.7	6.5
207	Fordham	4.3	3.3	3.9	2.9	4.2	2.7
208	Riverdale	4.0	2.8	4.1	1.7	4.1	2.3
209	Unionport, Soundview	4.2	2.4	4.4	2.7	5.0	3.1
210	Throgs Neck	2.4	1.4	3.1	2.1	2.8	2.1
211	Pelham Parkway	3.8	3.0	5.0	4.3	6.9	4.9
212	Williamsbridge	6.6	4.3	7.8	5.3	8.4	5.7
	BROOKLYN	**4.2**	**2.6**	**3.9**	**2.5**	**3.8**	**2.4**
301	Williamsburg, Greenpoint	2.4	1.6	2.4	1.4	2.3	1.5
302	Fort Greene, Brooklyn Heights	3.4	2.5	2.7	1.9	2.2	1.2
303	Bedford Stuyvesant	6.0	3.5	5.0	3.2	5.3	3.5
304	Bushwick	4.5	2.7	5.0	2.3	5.3	2.5
305	East New York	7.7	4.5	7.8	4.9	7.4	4.3
306	Park Slope	2.6	1.3	2.2	1.3	2.5	1.3
307	Sunset Park	2.2	1.7	1.6	1.5	1.8	1.5
308	Crown Heights North	7.2	3.8	7.1	3.9	8.5	4.8
309	Crown Heights South	3.1	1.4	2.8	1.3	2.8	1.5
310	Bay Ridge	3.5	2.2	2.5	1.6	2.0	1.4
311	Bensonhurst	4.4	2.6	3.9	2.5	3.5	2.7
312	Borough Park	2.0	1.4	1.8	1.3	1.9	1.0
313	Coney Island	6.3	4.1	5.5	3.6	5.7	3.2
314	Flatbush, Midwood	3.9	2.8	4.0	3.3	3.8	2.9
315	Sheepshead Bay	2.6	1.1	2.6	1.4	2.5	1.2
316	Brownsville	7.4	5.1	8.0	5.2	6.1	3.4
317	East Flatbush	7.2	5.1	6.1	4.5	7.0	4.7
318	Canarsie	5.2	3.0	5.6	3.5	5.1	3.1
	QUEENS	**4.8**	**3.2**	**4.7**	**3.2**	**4.4**	**3.1**
401	Astoria, Long Island City	4.7	3.2	4.5	3.3	4.3	3.5
402	Sunnyside, Woodside	2.9	2.5	4.6	3.6	4.5	3.1
403	Jackson Heights	4.1	2.2	3.3	2.2	4.5	2.9
404	Elmhurst, Corona	5.1	3.5	4.9	3.0	4.3	2.8
405	Ridgewood, Glendale	3.4	2.4	3.4	2.4	2.3	1.6
406	Rego Park, Forest Hills	2.8	2.3	3.0	2.2	3.2	1.9
407	Flushing	3.3	2.3	2.9	2.0	3.1	2.3
408	Fresh Meadows, Briarwood	4.3	2.7	3.6	2.5	3.0	2.2
409	Woodhaven	2.8	1.4	2.7	1.6	3.2	2.3
410	Howard Beach	4.6	2.8	5.5	4.2	5.8	4.8
411	Bayside	2.4	2.4	2.9	2.4	1.9	1.5
412	Jamaica, St. Albans	8.7	5.6	9.0	5.8	7.5	4.5
413	Queens Village	7.2	5.6	7.2	5.4	5.9	4.6
414	The Rockaways	7.5	5.0	6.5	4.6	6.4	4.8
	STATEN ISLAND	**5.0**	**3.9**	**4.7**	**3.1**	**4.7**	**3.2**
501	Port Richmond	6.0	4.2	6.1	3.6	7.2	4.5
502	Willowbrook, South Beach	5.1	4.6	4.2	3.3	2.7	2.2
503	Tottenville	3.3	2.6	2.9	2.0	2.6	2.0

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

†Neonatal infants are those less than 28 days old.

INFANT MORTALITY

Table IM7. Live Births and Infant Mortality Rate by Characteristics of Mother, New York City, 2014

Characteristics	Live Births Number	Live Births Percent	All Deaths	All Rate	Neonatal Deaths	Neonatal Rate	Postneonatal Deaths	Postneonatal Rate
Total	**122,084**	**100.0**	**516**	**4.2**	**326**	**2.7**	**190**	**1.6**
Race/Ethnicity								
Puerto Rican	7,897	6.5	60	7.6	40	5.1	20	2.5
Other Hispanic	27,753	22.7	113	4.1	66	2.4	47	1.7
Asian and Pacific Islander	20,746	17.0	53	2.6	37	1.8	16	0.8
Non-Hispanic White	40,443	33.1	107	2.6	75	1.9	32	0.8
Non-Hispanic Black	23,680	19.4	177	7.5	103	4.3	74	3.1
Other and unknown	1,565	1.3	6	-	5	-	1	-
Borough								
Manhattan	18,143	14.9	63	3.5	43	2.4	20	1.1
Bronx	20,032	16.4	93	4.6	59	2.9	34	1.7
Brooklyn	41,190	33.7	159	3.9	88	2.1	71	1.7
Queens	26,937	22.1	104	3.9	70	2.6	34	1.3
Staten Island	5,255	4.3	21	4.0	14	2.7	7	1.3
Age of Mother								
Age <18	1,249	1.0	8	6.4	4	3.2	4	3.2
Age 18-19	3,323	2.7	9	2.7	4	1.2	5	1.5
Age 20-29	51,473	42.2	209	4.1	128	2.5	81	1.6
Age 30-39	59,592	48.8	226	3.8	160	2.7	66	1.1
Age ≥40	6,447	5.3	32	5.0	24	3.7	8	1.2
Unmatched*	-	-	32	-	6	-	26	-
Mother's Education								
11th grade or less/12th grade, no diploma	23,272	19.1	113	4.9	68	2.9	45	1.9
High school graduate or GED	26,374	21.6	126	4.8	82	3.1	44	1.7
Some college/associate degree	26,874	22.0	129	4.8	88	3.3	41	1.5
Bachelor's degree	24,890	20.4	57	2.3	39	1.6	18	0.7
Master's degree or higher	20,274	16.6	48	2.4	33	1.6	15	0.7
Mother's education unknown	400	0.3	11	-	10	-	1	-
Unmatched*	-	-	32	-	6	-	26	-
Marital Status of Mother†								
Not married	48,011	39.3	279	5.8	174	3.6	105	2.2
Married	74,073	60.7	205	2.8	146	2.0	59	0.8
Unmatched*	-	-	32	-	6	-	26	-
Mother's Birthplace								
US born, including territories	60,067	49.2	287	4.8	195	3.2	92	1.5
Foreign born	61,996	50.8	197	3.2	125	2.0	72	1.2
Birthplace unknown	21	0.0	-	-	-	-	-	-
Unmatched*	-	-	32	-	6	-	26	-
Primary Payer for This Birth								
Medicaid/Family Plus/Child PlusB/other govt	72,024	59.0	308	4.3	197	2.7	111	1.5
Other	49,754	40.8	172	3.5	120	2.4	52	1.0
Coverage unknown	306	0.3	4	-	3	-	1	-
Unmatched*	-	-	32	-	6	-	26	-
Plurality								
Singletons	117,483	96.2	412	3.5	267	2.3	145	1.2
Multiples	4,601	3.8	72	15.6	53	11.5	19	4.1
Unmatched*	-	-	32	-	6	-	26	-
Parity								
First birth	53,592	43.9	226	4.2	156	2.9	70	1.3
Second birth or higher	68,468	56.1	258	3.8	164	2.4	94	1.4
Unknown	24	0.0	-	-	-	-	-	-
Unmatched*	-	-	32	-	6	-	26	-
First Prenatal Care Visit								
No prenatal care	722	0.6	11	15.2	9	12.5	2	2.8
First trimester (1-3 months)	88,157	72.2	337	3.8	229	2.6	108	1.2
Second trimester (4-6 months)	23,760	19.5	100	4.2	62	2.6	38	1.6
Late (7-9 months)	7,783	6.4	15	1.9	4	0.5	11	1.4
Prenatal care unknown	1,662	1.4	21	-	16	-	5	-
Unmatched*	-	-	32	-	6	-	26	-
Pre-pregnancy Body Mass Index (BMI)								
Underweight (BMI<18.5)	6,889	5.6	15	2.2	11	1.6	4	0.6
Normal weight (18.5≤BMI<25)	65,150	53.4	197	3.0	127	1.9	70	1.1
Overweight (25≤BMI<30)	29,361	24.0	125	4.3	86	2.9	39	1.3
Obese (BMI≥30)	20,173	16.5	137	6.8	88	4.4	49	2.4
Pre-pregnancy BMI unknown	511	0.4	10	-	8	-	2	-
Unmatched*	-	-	32	-	6	-	26	-

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

†See Technical Notes: Births, Mother's Martial Status.

PREGNANCY OUTCOMES

Table PO1. Live Births by Borough of Birth* and Institution, New York City, 2014

Borough and Institution	Births
Manhattan	
Allen Hospital	2,199
Bellevue Hospital Center	1,514
Beth Israel Medical Center	3,840
Columbia Presbyterian Medical Center	4,559
Harlem Hospital Center	987
Lenox Hill Hospital	4,257
Metropolitan Hospital Center	1,086
Mount Sinai Hospital	7,379
New York Downtown Hospital	2,196
New York Weill Cornell Medical Center	5,684
NYU Hospital Center - Tisch Hospital	5,487
St. Luke's - Roosevelt Hospital Center / Roosevelt Hospital Division	6,125
St. Luke's - Roosevelt Hospital Center / St. Luke's Division	3
Places other than a hospital or home**	21
Home†	124
Bronx	
Bronx Lebanon Hospital Center	2,173
Jack D. Weiler Hospital of the Albert Einstein College of Medicine	4,377
Jacobi Medical Center	2,584
Lincoln Medical and Mental Health Center	2,287
Montefiore Medical Center, Henry & Lucy Moses Division	3
Montefiore Medical Center, North Division	2,575
North Central Bronx Hospital	184
St. Barnabas Hospital	1,106
Places other than a hospital or home**	15
Home†	90
Brooklyn	
Brookdale University Hospital and Medical Center	1,247
Brooklyn Birthing Center	154
Brooklyn Hospital Center	2,254
Coney Island Hospital	1,185
Interfaith Medical Center	3
Kings County Hospital Center	2,183
Long Island College Hospital	3
Lutheran Medical Center	3,895
Maimonides Medical Center	8,574
New York Methodist Hospital	5,820
University Hospital of Brooklyn	1,389
Woodhull Medical and Mental Health Center	1,847
Wyckoff Heights Medical Center	1,385
Places other than a hospital or home**	38
Home†	400
Queens	
Elmhurst Hospital Center	3,166
Flushing Hospital Medical Center	2,688
Forest Hills Hospital	1,926
Jamaica Hospital Medical Center	2,363
Long Island Jewish Medical Center	7,667
Mount Sinai Hospital of Queens	2
New York Hospital Medical Center of Queens	4,611
Queens Hospital Center	1,688
St. John's Episcopal Hospital	686
Places other than a hospital or home**	16
Home†	125
Staten Island	
Richmond University Medical Center	2,924
Staten Island University Hospital	2,976
Places other than a hospital or home**	5
Home†	9
New York City Total	122,084

*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, Birthplace Presentation.

‡ Abandoned infant whose record of birth was filed by the Administration for Children's Services.

PREGNANCY OUTCOMES

Table PO2. Live Births by Ancestry of Mother and Borough of Residence, New York City, 2014

| Ancestry of Mother | Total | Borough of Residence | | | | | Non-Residents | Residence Unknown |
		Manhattan	Bronx	Brooklyn	Queens	Staten Island		
Total	122,084	18,143	20,032	41,190	26,937	5,255	10,518	9
Hispanic								
Colombian	1,165	100	50	151	712	37	115	-
Cuban	292	70	51	53	49	22	47	-
Dominican	11,034	2,137	5,298	1,596	1,521	93	388	1
Ecuadorian	3,140	196	405	531	1,859	59	90	-
Mexican	6,559	609	1,590	2,020	1,821	409	109	1
Puerto Rican	7,897	965	3,256	1,810	1,027	482	355	2
Other Hispanic	5,563	694	1,259	1,206	1,796	198	410	-
North American and the Caribbean								
African American	13,241	1,355	3,451	5,535	1,825	429	646	-
American	12,758	2,777	361	5,418	1,521	995	1,686	-
Guyanese	1,682	19	129	496	952	5	81	-
Haitian	1,773	62	47	1,143	379	11	131	-
Jamaican	1,949	45	362	785	567	16	174	-
Trinidadian	873	12	45	429	328	13	46	-
Other North American and the Caribbean	1,645	206	269	809	231	22	107	1
European								
English	1,026	450	21	344	70	12	129	-
German	865	300	17	234	118	29	167	-
Irish	1,787	454	58	414	285	161	415	-
Italian	3,445	519	114	726	416	845	825	-
Polish	1,118	184	17	295	396	71	155	-
Russian	1,867	330	28	781	400	126	202	-
Other European	4,642	980	271	1,677	789	330	595	-
Asian								
Asian Indian	2,129	433	69	200	882	50	495	-
Bangladeshi	2,464	66	386	554	1,402	12	44	-
Chinese	9,438	1,217	74	4,065	3,426	126	530	-
Filipino	838	110	48	128	381	38	133	-
Korean	1,148	378	20	167	434	20	129	-
Pakistani	1,603	58	99	702	499	88	157	-
Other Asian	5,933	939	343	2,344	1,647	214	446	-
Other								
Jewish or Hebrew	5,654	487	45	4,387	169	64	502	-
Other or not stated	8,556	1,991	1,849	2,190	1,035	278	1,209	4

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, 2014

| Ethnic Group | Total | Age of Mother (Years) | | | | | | |
		Under 18	18-19	20-24	25-29	30-34	35-39	≥40
Total	122,084	1,249	3,323	20,419	31,054	36,792	22,800	6,447
Puerto Rican	7,897	224	518	2,150	2,101	1,698	978	228
Other Hispanic	27,753	619	1,289	6,112	7,532	6,949	4,195	1,057
Asian and Pacific Islander	20,746	25	143	2,180	6,138	7,171	4,076	1,013
Non-Hispanic white	40,443	42	408	4,981	8,753	14,221	9,247	2,791
Non-Hispanic black	23,680	320	919	4,746	6,200	6,259	3,959	1,277
Non-Hispanic other	400	3	15	84	86	125	75	12
Non-Hispanic of two or more races	1,085	12	26	152	228	347	256	64
Not stated	80	4	5	14	16	22	14	5

PREGNANCY OUTCOMES

Table PO4. Selected Characteristics of Live Births, Overall and by Age of Mother, New York City, 2014

	Total	Age of Mother (Years)						
		<18	18-19	20-24	25-29	30-34	35-39	≥40
Total Live Births	122,084	1,249	3,323	20,419	31,054	36,792	22,800	6,447
Sex								
Male	62,337	651	1,683	10,373	15,751	19,026	11,569	3,284
Female	59,747	598	1,640	10,046	15,303	17,766	11,231	3,163
First Live Birth								
Yes	53,592	1,150	2,779	12,166	13,517	14,879	7,178	1,923
No	68,468	99	544	8,248	17,531	21,905	15,619	4,522
Unknown	24	-	-	5	6	8	3	2
Pre-pregnancy Body Mass Index (BMI)								
Underweight (BMI<18.5)	6,889	107	236	1,538	1,948	1,887	964	209
Normal weight (18.5≤BMI<25)	65,150	733	1,801	10,678	15,880	20,400	12,337	3,321
Overweight (25≤BMI<30)	29,361	258	778	4,721	7,595	8,688	5,605	1,716
Obese (BMI≥30)	20,173	136	481	3,355	5,490	5,704	3,831	1,176
Unknown	511	15	27	127	141	113	63	25
Birthweight at Delivery (Grams)								
<1500	1,772	25	43	278	420	485	371	150
1500-2499	8,215	107	266	1,347	1,865	2,330	1,705	595
2500-3999	104,032	1,077	2,890	17,762	26,758	31,413	18,935	5,197
≥4000	8,062	40	124	1,032	2,010	2,562	1,789	505
Not stated	3	-	-	-	1	2	-	-
Gestational Age (Weeks)*								
<32	1,820	21	40	293	417	520	390	139
32-36	8,915	97	268	1,267	2,025	2,569	1,965	724
≥37	111,330	1131	3,015	18,857	28,608	33,694	20,443	5,582
Unknown	19	-	-	2	4	9	2	2
Plurality								
Single	117,476	1227	3,242	19,916	30,072	35,374	21,679	5,966
Twin	4,454	22	81	495	945	1,373	1,074	464
Triplet	138	-	-	8	29	45	39	17
Quadruplet	16	-	-	-	8	-	8	-
Apgar Score at 5 Minutes								
≤6	1,000	11	26	166	235	287	196	79
7	950	11	22	154	249	258	191	65
8	4,948	69	156	817	1,136	1,462	960	348
9	114,009	1,141	3,097	19,078	29,152	34,415	21,225	5,901
10	869	11	14	138	192	292	176	46
Not stated	308	6	8	66	90	78	52	8
Method of Delivery								
Vaginal	79,170	1,036	2,605	15,201	21,113	23,363	12,827	3,025
Vaginal after any prior C-section	2,801	1	18	352	753	887	637	153
Primary C-section	24,133	202	632	3,613	5,671	7,153	4,983	1,879
Repeat C-section	15,933	10	67	1,246	3,505	5,372	4,345	1,388
Unknown	47	-	1	7	12	17	8	2
Place of Birth								
Home	748	7	7	69	160	276	191	38
Voluntary hospital	102,376	855	2,424	15,973	25,590	31,973	19,907	5,654
Municipal hospital	18,711	387	889	4,338	5,229	4,465	2,652	751
Birthing center	154	-	1	22	44	52	31	4
Other	95	-	2	17	31	26	19	-
Attendant								
Physician	110,849	1,041	2,848	17,769	27,932	33,987	21,184	6,088
Certified nurse midwife	10,670	202	457	2,540	2,966	2,644	1,517	344
Other	565	6	18	110	156	161	99	15
Primary Payer for this Birth†								
Medicaid/Family Plus/Child Health Plus B/Other govt	72,024	1,159	2,952	17,264	21,881	16,993	9,241	2,534
Private	47,574	52	262	2,704	8,534	19,102	13,134	3,786
Self-pay	1,480	20	72	283	367	407	255	76
Other	700	10	27	106	195	212	113	37
Not stated	306	8	10	62	77	78	57	14
First Visit for Prenatal Care								
First trimester (1-3 months)	88,157	542	1,754	12,956	22,289	28,183	17,586	4,847
Second trimester (4-6 months)	23,760	459	1,051	5,138	6,084	6,066	3,778	1,184
Late (7-9 months)	7,783	184	390	1,756	2,110	1,972	1,062	309
No care	722	28	47	199	166	146	111	25
Not stated	1,662	36	81	370	405	425	263	82
Marital Status of Mother‡								
Not married	48,011	1,206	2,835	12,522	13,354	10,192	5,998	1,904
Married	74,073	43	488	7,897	17,700	26,600	16,802	4,543
Education Level								
11th grade or less/12th grade no diploma	23,272	1,148	1,716	5,422	6,051	4,991	3,027	917
High school graduate or GED	26,374	90	1,141	7,251	7,673	5,818	3,385	1,016
Some college/associate degree	26,874	6	445	6,070	8,241	7,073	3,952	1,087
Bachelor's degree	24,890	-	4	1,281	5,937	9,910	6,075	1,683
Master's degree or higher	20,274	-	1	309	3,051	8,897	6,300	1,716
Not stated	400	5	16	86	101	103	61	28
Birthplace of Mother								
United States, including its territories	60,067	915	2,284	12,004	13,778	17,401	10,708	2,977
Foreign	61,996	332	1,037	8,415	17,268	19,389	12,086	3,469
Not stated	21	2	2	-	8	2	6	1

*See Technical Notes: Births, Gestational Age.
†See Technical Notes: Births, Birth Reporting.
‡See Technical Notes: Births, Mother's Marital Status.

Table PO5. Selected Characteristics of Live Births by Mother's Ethnic Group, New York City, 2014

	Total	Racial/Ethnic Group of Mother*							
		Puerto Rican	Other Hispanic	Asian	Non-Hispanic White	Non-Hispanic Black	Other	Non-Hispanic, Two or More	Not Stated
Total Live Births	122,084	7,897	27,753	20,746	40,443	23,680	400	1,085	80
Sex									
Male	62,337	4,029	13,958	10,791	20,844	11,912	211	550	42
Female	59,747	3,868	13,795	9,955	19,599	11,768	189	535	38
First Live Birth									
Yes	53,592	3,258	10,721	10,161	18,746	9,935	181	558	32
No	68,468	4,637	17,027	10,584	21,693	13,737	219	527	44
Unknown	24	2	5	1	4	8	-	-	4
Pre-pregnancy Body Mass Index (BMI)									
Underweight (BMI < 18.5)	6,889	283	731	2,486	2,467	835	35	49	3
Normal weight (18.5 ≤ BMI < 25)	65,150	3,045	12,594	13,693	26,471	8,506	194	630	17
Overweight (25 ≤ BMI < 30)	29,361	2,224	8,603	3,453	7,562	7,161	111	233	14
Obese (BMI ≥ 30)	20,173	2,317	5,611	1,098	3,890	7,014	59	171	13
Unknown	511	28	214	16	53	164	1	2	33
Birthweight at Delivery (Grams)									
< 1500	1,772	181	372	197	374	620	5	20	3
1500-2499	8,215	618	1,613	1,457	2,277	2,132	32	84	2
2500-3999	104,032	6,572	23,742	18,206	34,618	19,584	339	905	66
≥ 4000	8,062	526	2,026	886	3,174	1,344	24	76	6
Not stated	3	-	-	-	-	-	-	-	3
Gestational Age (Weeks)†									
< 32	1,820	201	392	189	388	626	3	20	1
32-36	8,915	760	1,871	1,403	2,538	2,212	32	95	4
≥ 37	111,330	6,934	25,490	19,152	37,511	20,837	365	970	71
Unknown	19	2	-	2	6	5	-	-	4
Plurality									
Single	117,476	7,598	27,050	20,090	38,513	22,731	386	1,032	76
Twin	4,454	296	683	641	1,834	929	14	53	4
Triplet	138	3	16	15	84	20	-	-	-
Quadruplet	16	-	4	-	12	-	-	-	-
Apgar Score at 5 Minutes									
≤ 6	1,000	92	214	79	237	357	3	16	2
7	950	77	210	105	223	318	2	15	-
8	4,948	367	1,067	620	1,515	1,303	17	58	1
9	114,009	7,290	26,008	19,818	37,999	21,468	377	977	72
10	869	47	186	93	390	135	1	17	-
Not stated	308	24	68	31	79	99	-	2	5
Method of Delivery									
Vaginal	79,170	5,028	17,821	13,309	27,976	14,031	251	705	49
Vaginal after any prior C-section	2,801	158	603	397	1,100	513	7	21	2
Primary C-section	24,133	1,610	4,969	4,125	7,385	5,705	90	237	12
Repeat C-section	15,933	1,100	4,345	2,912	3,967	3,422	52	122	13
Unknown	47	1	15	3	15	9	-	-	4
Place of Birth									
Home	748	32	106	55	402	119	3	27	4
Voluntary hospital	102,376	6,517	20,388	18,262	38,609	17,250	343	952	55
Municipal hospital	18,711	1,335	7,229	2,413	1,291	6,270	51	101	21
Birthing center	154	6	16	9	94	22	3	4	-
Other	95	7	14	7	47	19	-	1	-
Attendant									
Physician	110,849	7,066	24,473	19,654	36,935	21,280	375	1,000	66
Certified nurse midwife	10,670	776	3,142	1,039	3,361	2,235	25	81	11
Other	565	55	138	53	147	165	-	4	3
Primary Payer for this Birth‡									
Medicaid/Family Plus/Child Health Plus B/Other govt	72,024	5,607	22,234	12,606	14,157	16,654	246	462	58
Private	47,574	2,143	5,037	7,814	25,812	6,013	147	594	14
Self-pay	1,480	83	303	229	208	636	5	14	2
Other	700	54	85	57	207	286	-	11	-
Not stated	306	10	94	40	59	91	2	4	6
First Visit for Prenatal Care									
First trimester (1-3 months)	88,157	5,208	18,611	15,555	33,224	14,439	279	808	33
Second trimester (4-6 months)	23,760	1,934	6,654	3,702	5,505	5,668	77	194	26
Late (7-9 months)	7,783	534	1,995	1,246	1,169	2,748	29	53	9
No care	722	85	169	54	86	314	4	8	2
Not stated	1,662	136	324	189	459	511	11	22	10
Marital Status of Mother§									
Not married	48,011	5,910	17,647	3,434	4,616	15,798	159	397	50
Married	74,073	1,987	10,106	17,312	35,827	7,882	241	688	30
Education Level									
11th grade or less/12th grade, no diploma	23,272	2,158	9,791	3,996	2,937	4,214	59	105	12
High school graduate or GED	26,374	2,015	6,420	3,821	7,473	6,373	115	151	6
Some college/associate degree	26,874	2,592	6,954	3,593	5,727	7,607	121	274	6
Bachelor's degree	24,890	707	3,055	5,314	11,912	3,566	56	279	1
Master's degree or higher	20,274	406	1,457	4,009	12,278	1,801	44	275	4
Not stated	400	19	76	13	116	119	5	1	51
Birthplace of Mother									
United States, including its territories	60,067	7,856	8,007	2,264	27,861	13,151	160	715	53
Foreign	61,996	41	19,743	18,482	12,575	10,524	240	370	21
Not stated	21	-	3	-	7	5	-	-	6

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

† See Technical Notes: Births, Gestational Age.

‡ See Technical Notes: Births, Birth Reporting.

§See Technical Notes: Birth Mother's Marital Status.

PREGNANCY OUTCOMES

Table PO6. Live Births by Selected Characteristics and Mother's Ancestry, New York City, 2014

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-pregency Obesity	Teenage Mother (<20 Years)	Exclusive Breast Feeding
Total	122,084	50.8	43.9	8.2	8.8	7.1	39.3	59.1	16.6	3.7	34.4
Hispanic											
Colombian	1,165	68.2	50.6	7.6	8.6	6.4	44.8	55.0	13.4	3.5	37.1
Cuban	292	14.4	53.1	6.5	9.6	3.8	42.8	38.8	16.8	3.8	45.2
Dominican	11,034	69.1	43.8	8.0	8.4	8.9	63.8	81.0	20.8	7.2	25.2
Ecuadorian	3,140	82.5	33.0	5.5	7.0	7.6	57.2	84.7	16.8	6.3	28.8
Mexican	6,559	79.4	28.1	5.7	7.0	6.7	72.6	91.0	21.4	8.0	24.5
Puerto Rican	7,897	0.5	41.3	10.1	12.2	8.0	74.8	71.1	29.4	9.4	31.2
Other Hispanic	5,563	62.7	40.8	8.0	9.4	7.9	61.1	71.8	22.0	6.2	32.0
North America and the Caribbean											
African American	13,241	14.6	43.6	12.7	12.9	9.5	77.5	71.4	31.9	7.4	30.2
American	12,758	4.0	47.6	6.6	7.2	2.0	17.6	31.0	12.3	1.8	48.7
Guyanese	1,682	88.7	42.2	12.5	12.7	10.6	45.5	63.9	18.0	3.6	33.6
Haitian	1,773	83.6	41.4	10.8	12.6	18.8	44.2	71.6	28.8	1.4	28.3
Jamaican	1,949	92.3	42.0	10.0	11.2	16.4	63.9	66.6	27.6	2.7	32.8
Trinidadian	873	91.6	42.9	12.1	13.5	13.7	55.3	64.9	24.3	2.9	29.1
Other North America and the Caribbean	1,645	89.1	49.0	10.7	11.0	14.4	46.1	55.8	20.7	2.1	37.3
European											
English	1,026	33.3	60.0	5.8	6.2	1.5	10.0	6.4	4.8	0.0	67.2
German	865	22.5	64.4	7.7	9.1	1.4	11.9	7.2	7.1	0.3	55.7
Irish	1,787	9.3	58.5	6.7	8.9	2.1	14.7	11.3	10.6	0.3	49.0
Italian	3,445	6.3	56.0	7.4	8.8	1.2	17.8	14.5	15.7	0.8	42.3
Polish	1,118	62.0	56.8	6.4	6.8	1.7	15.1	32.0	7.5	0.5	52.1
Russian	1,867	79.5	52.7	5.5	5.2	3.3	20.6	36.5	6.4	0.4	44.1
Other European	4,642	64.9	52.0	6.4	7.4	4.1	14.7	32.4	8.3	0.7	46.3
Asian											
Asian Indian	2,129	81.0	54.6	10.4	9.3	4.4	6.9	33.8	7.4	0.6	43.2
Bangladeshi	2,464	98.2	40.3	11.9	9.9	11.6	4.7	86.4	9.6	1.1	31.1
Chinese	9,438	91.3	49.7	5.6	6.1	4.5	23.5	69.2	1.6	0.5	19.0
Filipino	838	75.9	51.0	9.8	10.4	6.2	19.5	25.4	9.2	1.2	36.9
Korean	1,148	75.5	61.3	5.5	6.4	3.3	8.4	29.9	2.4	0.3	42.4
Pakistani	1,603	93.1	37.4	10.6	9.3	11.6	2.9	78.2	13.6	1.2	26.7
Other Asian	5,933	87.8	43.5	6.8	6.7	8.4	12.8	56.7	7.9	2.5	38.1
Other											
Jewish or Hebrew	5,654	14.8	27.3	5.4	5.6	1.3	3.6	63.1	8.7	1.6	38.7
Other or Not Stated	8,556	56.4	40.3	8.8	9.0	12.7	21.6	49.9	15.8	0.9	33.9

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.

PREGNANCY OUTCOMES

Table PO7. Live Births by Selected Characteristics and Community District of Residence, New York City, 2014

Community District of Residence	Live Births	Rate*	Percent of Total Live Births With Specified Characteristics								
			Hispanic Mother	Foreign-Born Mother†	First Live Birth	Low Birthweight (<2,500 Grams)	Preterm Birth‡ (<37 weeks)	Late or No Prenatal Care	On Medicaid§	Pre-pregnancy Obesity	Exclusive Breast Feeding
NEW YORK CITY	122,084	14.4	30.1	50.8	43.9	8.2	8.8	7.1	59.1	16.6	34.4
MANHATTAN	18,047	11.0	28.1	40.9	56.5	8.2	8.6	5.4	34.5	11.1	42.6
Battery Park, Tribeca (01)	1,179	18.7	9.6	37.8	58.9	7.3	9.1	2.1	5.7	2.0	57.2
Greenwich Village, SOHO (02)	764	8.3	7.6	34.7	64.7	5.9	6.3	1.8	9.2	2.2	53.0
Lower East Side (03)	1,445	8.5	26.5	53.6	50.8	7.0	7.0	4.1	64.0	10.7	36.7
Chelsea, Clinton (04)	1,017	9.5	16.0	44.5	65.6	9.4	9.4	4.7	19.7	7.5	53.8
Midtown Business District (05)	545	10.3	9.2	37.2	68.3	8.8	9.2	3.2	12.4	3.1	47.0
Murray Hill (06)	1,350	9.3	8.5	38.7	68.8	7.5	8.7	2.2	6.7	3.9	56.9
Upper West Side (07)	2,506	11.6	14.7	35.0	56.9	8.4	8.6	4.4	12.2	6.7	51.8
Upper East Side (08)	2,601	11.4	8.4	31.8	62.8	7.3	7.7	2.0	5.4	4.4	37.8
Manhattanville (09)	1,055	9.4	53.3	49.9	49.6	8.5	8.8	10.6	65.0	18.5	38.6
Central Harlem (10)	1,705	14.4	26.8	38.0	47.6	9.1	8.9	12.2	62.4	24.9	43.2
East Harlem (11)	1,566	12.6	50.1	37.2	45.1	11.2	11.4	8.8	67.0	23.1	28.3
Washington Heights (12)	2,314	11.8	72.6	54.0	52.1	8.0	8.1	6.8	68.1	17.4	27.5
BRONX	20,128	14.0	60.1	51.8	38.9	9.3	9.7	12.2	80.7	26.1	29.2
Mott Haven (01)	1,651	17.2	67.0	44.7	34.8	8.1	9.2	12.4	88.2	27.7	26.4
Hunts Point (02)	912	16.6	68.2	45.7	34.8	7.8	8.2	15.2	87.7	28.2	28.6
Morrisania (03)	1,480	17.9	53.8	43.7	37.1	11.4	10.8	14.0	85.7	28.8	25.8
Concourse, Highbridge (04)	2,573	16.8	64.3	59.7	37.2	7.5	8.6	12.6	86.9	25.7	22.6
University/Morris Heights (05)	2,240	16.8	70.2	58.8	36.2	9.4	9.3	12.8	87.8	26.1	23.2
East Tremont (06)	1,338	15.5	67.9	44.6	32.6	10.2	11.1	12.6	88.5	28.5	25.4
Fordham (07)	2,157	14.8	73.2	60.5	41.9	8.4	8.6	11.6	83.4	25.1	27.0
Riverdale (08)	1,092	10.5	62.9	48.7	46.6	9.4	9.0	5.6	56.4	17.6	32.3
Unionport, Soundview (09)	2,528	14.0	58.6	49.4	39.2	10.2	10.8	12.2	79.6	27.4	37.4
Throgs Neck (10)	993	8.1	48.9	41.0	43.1	10.2	10.5	8.7	61.0	25.6	44.9
Pelham Parkway (11)	1,406	12.0	48.9	53.2	42.7	10.4	11.0	11.0	69.9	22.0	38.7
Williamsbridge (12)	1,758	11.3	29.5	53.7	42.7	9.8	9.6	15.5	74.4	28.5	27.6
BROOKLYN	41,190	15.7	18.3	48.0	40.6	7.4	8.4	6.0	65.5	15.7	33.5
Williamsburg, Greenpoint (01)	3,709	20.7	14.8	17.1	37.3	5.2	5.9	2.9	59.3	10.8	44.4
Fort Greene, Brooklyn Heights (02)	1,681	16.1	10.5	27.9	60.3	8.7	7.6	2.1	19.3	7.4	55.9
Bedford Stuyvesant (03)	2,348	15.1	20.0	26.8	40.3	7.3	8.5	6.9	70.6	21.5	33.5
Bushwick (04)	1,504	13.1	73.6	56.8	38.1	6.8	8.6	7.3	81.2	23.9	26.2
East New York (05)	2,671	14.4	38.8	50.0	39.5	10.1	11.2	10.5	80.8	27.6	32.7
Park Slope (06)	1,881	17.1	14.5	24.9	57.2	7.2	8.7	2.3	17.0	6.7	61.8
Sunset Park (07)	2,761	20.7	30.2	75.3	43.4	5.1	6.2	3.4	78.5	8.3	20.0
Crown Heights North (08)	1,263	12.8	11.7	39.5	51.3	9.6	9.8	7.7	56.0	19.5	42.0
Crown Heights South (09)	1,556	15.5	8.1	48.2	41.9	8.7	9.1	8.0	69.7	20.8	42.1
Bay Ridge (10)	1,931	13.6	17.1	64.4	45.7	6.5	7.7	4.8	59.0	10.9	30.0
Bensonhurst (11)	2,646	13.0	18.2	77.2	41.7	6.5	7.6	5.1	70.3	11.0	24.8
Borough Park (12)	5,538	27.4	7.7	38.6	28.1	5.4	6.3	2.1	78.1	8.7	25.8
Coney Island (13)	1,228	11.4	21.4	65.3	41.3	8.8	9.5	6.9	73.4	15.7	27.1
Flatbush, Midwood (14)	2,613	15.6	16.7	58.3	38.7	7.5	7.9	7.8	66.9	15.8	32.8
Sheepshead Bay (15)	2,210	12.6	10.2	62.3	37.7	6.6	7.0	4.4	57.5	11.3	32.2
Brownsville (16)	1,338	15.4	19.7	34.5	36.8	11.6	14.0	12.5	80.4	32.5	32.7
East Flatbush (17)	1,993	12.7	8.4	62.4	43.1	11.1	12.9	14.0	74.6	28.5	26.0
Canarsie (18)	2,321	11.7	8.8	52.0	40.4	9.6	11.6	10.6	57.6	24.5	31.7
QUEENS	26,937	11.6	33.0	69.6	44.4	7.8	8.0	8.1	66.4	15.5	32.6
Astoria, Long Island City (01)	2,033	10.0	27.1	57.1	56.8	7.4	8.1	10.5	51.3	15.7	36.4
Sunnyside, Woodside (02)	1,716	14.0	31.0	67.3	53.4	6.6	6.5	5.8	50.3	10.2	37.2
Jackson Heights (03)	2,577	14.3	70.9	81.1	38.5	6.4	7.3	8.3	82.8	17.1	25.2
Elmhurst, Corona (04)	2,693	14.4	56.6	86.3	40.5	7.1	7.8	8.2	85.0	16.1	22.0
Ridgewood, Glendale (05)	1,980	11.6	45.4	63.4	43.0	6.8	8.0	6.6	62.9	15.3	31.5
Rego Park, Forest Hills (06)	1,430	12.3	14.2	70.3	50.5	5.7	5.2	3.1	35.7	6.9	37.7
Flushing (07)	3,016	11.6	17.0	86.7	47.4	5.7	5.5	7.6	75.6	6.9	23.8
Fresh Meadows, Briarwood (08)	1,847	11.8	17.5	67.7	41.5	7.4	6.6	6.3	55.4	13.4	36.6
Woodhaven (09)	1,891	12.7	44.6	71.9	42.4	9.1	9.5	7.7	72.2	16.6	39.4
Howard Beach (10)	1,262	10.0	27.4	65.6	42.7	10.9	10.3	8.3	64.1	15.2	39.0
Bayside (11)	686	5.7	13.0	69.0	45.9	7.3	8.2	5.3	46.8	7.3	29.5
Jamaica, St. Albans (12)	2,891	12.4	23.8	61.7	40.9	10.7	10.9	12.2	74.5	24.4	40.7
Queens Village (13)	1,674	8.6	12.1	58.7	44.3	10.2	10.0	9.0	59.8	23.5	34.2
The Rockaways (14)	1,239	10.7	26.5	37.4	37.2	9.6	9.8	9.7	68.3	23.6	34.0
STATEN ISLAND	5,255	11.1	24.8	35.6	40.4	7.8	9.7	2.6	43.9	20.0	28.8
Port Richmond (01)	2,257	12.6	38.5	41.2	37.5	8.9	9.9	3.6	60.1	23.6	25.8
Willowbrook, South Beach (02)	1,375	10.3	17.6	43.9	42.4	7.0	8.9	2.3	40.9	17.3	30.9
Tottenville (03)	1,611	10.1	11.8	20.9	42.8	7.1	10.1	1.5	24.0	17.3	30.9
NEW YORK CITY RESIDENTS	110,575	13.0	31.4	52.2	43.8	8.0	8.6	7.4	62.4	17.0	33.8
NON-RESIDENTS	10,516	-	15.6	36.2	45.3	10.1	10.5	3.8	24.3	12.6	41.3
RESIDENCE UNKNOWN	9	-	80.0	50.0	55.6	0.0	0.0	62.5	100.0	20.0	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: Population, Community District, Population Estimates.

† See Technical Notes: Geographical Units, Birthplace Presentation.

‡ Clinical gestational age <37 completed weeks.

PREGNANCY OUTCOMES

Table PO8. Live Births by Mother's Birthplace and Borough of Residence, New York City, 2014

| Birthplace | Total | Borough of Residence | | | | | Non-Residents | Residence Unknown |
		Manhattan	Bronx	Brooklyn	Queens	Staten Island		
United States	59,014	10,598	9,092	21,247	8,058	3,345	6,672	2
China	8,272	891	60	3,669	3,166	96	390	-
Dominican Republic	7,674	1,400	3,843	1,138	1,007	62	223	1
Mexico	5,232	473	1,254	1,567	1,521	353	63	1
Ecuador	2,611	147	329	425	1,621	35	54	-
Bangladesh	2,468	70	382	549	1,412	15	40	-
Jamaica	2,391	55	588	905	621	22	200	-
Guyana	1,758	18	128	603	915	6	88	-
Haiti	1,576	38	32	1,081	320	11	94	-
India	1,532	230	52	112	725	36	377	-
Pakistan	1,465	38	90	654	465	81	137	-
Uzbekistan	1,163	8	-	694	412	24	25	-
Trinidad and Tobago	1,137	29	52	608	359	23	66	-
Puerto Rico	1,056	128	543	184	130	36	34	1
Russia	1,032	183	23	456	184	81	105	-
Israel	882	201	17	449	106	21	88	-
Ukraine	852	102	7	520	74	77	72	-
Korea	828	233	12	103	370	16	94	-
Colombia	791	58	30	91	513	26	73	-
Yemen	782	70	183	359	138	26	6	-
Honduras	763	36	302	164	193	31	37	-
Egypt	731	48	12	287	227	94	63	-
El Salvador	722	37	101	132	374	7	71	-
Poland	704	57	10	180	343	54	60	-
Nigeria	693	27	191	227	133	59	56	-
Other or Not Stated	15,955	2,968	2,699	4,786	3,550	618	1,330	4
Total	122,084	18,143	20,032	41,190	26,937	5,255	10,518	9

Table PO9. Live Births by Mother's Birthplace and Age, New York City, 2014

| Birthplace | Total | Age of Mother (Years) | | | | | | |
		< 20	20-24	25-29	30-34	35-39	≥ 40	Unknown
United States	59,014	3,118	11,770	13,523	17,165	10,515	2,923	-
China	8,272	38	939	3,136	2,565	1,250	344	-
Dominican Republic	7,674	423	1,790	2,165	1,871	1,140	285	-
Mexico	5,232	192	871	1,632	1,463	868	206	-
Ecuador	2,611	108	463	645	770	464	161	-
Bangladesh	2,468	24	460	860	754	327	43	-
Jamaica	2,391	68	374	587	708	483	171	-
Guyana	1,758	54	282	473	493	357	99	-
Haiti	1,576	18	111	356	533	425	133	-
India	1,532	4	109	434	639	292	54	-
Pakistan	1,465	12	263	527	436	182	45	-
Uzbekistan	1,163	48	313	406	261	115	20	-
Trinidad and Tobago	1,137	24	102	315	385	228	83	-
Puerto Rico	1,056	81	234	257	236	194	54	-
Russia	1,032	2	56	338	334	216	86	-
Israel	882	7	97	172	304	227	75	-
Ukraine	852	4	42	264	319	171	52	-
Korea	828	1	11	85	364	285	82	-
Colombia	791	19	95	175	273	180	49	-
Yemen	782	55	237	215	138	82	55	-
Honduras	763	52	150	214	200	119	28	-
Egypt	731	2	81	276	229	120	23	-
El Salvador	722	41	125	193	214	112	37	-
Poland	704	4	33	154	283	195	35	-
Nigeria	693	2	32	190	248	174	47	-
Other or Not Stated	15,955	171	1,379	3,462	5,607	4,079	1,256	1
Total	122,084	4,572	20,419	31,054	36,792	22,800	6,446	1

Table PO10. Live Births and Pregnancy Rates* to Teenagers (Age 15-19 Years) by Ethnic Group and Borough of Residence, New York City, 2014

	Age of Woman (Years)	Live Births	Spontaneous Terminations	Induced Terminations	Total	Population Women	Birth Rate per 1,000 Women	Pregnancy Rate Per 1,000 Women
New York City †	15-17	1,249	141	2,512	3,902	134,655	9.3	29.0
	18-19	3,323	271	4,555	8,149	100,762	33.0	80.9
	Age 15-19	4,572	412	7,067	12,051	235,417	19.4	51.2
Ethnic Group†								
Hispanic	15-17	843	48	900	1,791	49,130	17.2	36.5
	18-19	1,807	88	1,633	3,528	34,523	52.3	102.2
	Age 15-19	2,650	136	2,533	5,319	83,653	31.7	63.6
Asian and Pacific Islander	15-17	25	3	69	97	16,638	1.5	5.8
	18-19	143	7	166	316	13,152	10.9	24.0
	Age 15-19	168	10	235	413	29,790	5.6	13.9
Non-Hispanic White	15-17	42	7	176	225	29,516	1.4	7.6
	18-19	408	36	341	785	25,865	15.8	30.3
	Age 15-19	450	43	517	1,010	55,381	8.1	18.2
Non-Hispanic Black	15-17	320	55	1,158	1,533	36,241	8.8	42.3
	18-19	919	74	2,010	3,003	24,872	36.9	120.7
	Age 15-19	1,239	129	3,168	4,536	61,113	20.3	74.2
NYC Events to NYC Residents‡	15-17	1,228	137	2,336	3,701	134,655	9.1	27.5
	18-19	3,212	261	4,222	7,695	100,762	31.9	76.4
	Age 15-19	4,440	398	6,558	11,396	235,417	18.9	48.4
Ethnic Group‡								
Hispanic	15-17	832	48	868	1,748	49,130	16.9	35.6
	18-19	1,777	86	1,550	3,413	34,523	51.5	98.9
	Age 15-19	2,609	134	2,418	5,161	83,653	31.2	61.7
Asian and Pacific Islander	15-17	25	3	62	90	16,638	1.5	5.4
	18-19	143	7	156	306	13,152	10.9	23.3
	Age 15-19	168	10	218	396	29,790	5.6	13.3
Non-Hispanic White	15-17	40	6	152	198	29,516	1.4	6.7
	18-19	367	32	285	684	25,865	14.2	26.4
	Age 15-19	407	38	437	882	55,381	7.3	15.9
Non-Hispanic Black	15-17	313	53	1,062	1,428	36,241	8.6	39.4
	18-19	886	73	1,853	2,812	24,872	35.6	113.1
	Age 15-19	1,199	126	2,915	4,240	61,113	19.6	69.4
Borough of Residence								
Manhattan	15-17	129	20	332	481	17,238	7.5	27.9
	18-19	332	35	594	961	20,494	16.2	46.9
	Age 15-19	461	55	926	1,442	37,732	12.2	38.2
Bronx	15-17	394	50	686	1,130	28,823	13.7	39.2
	18-19	973	71	1,222	2,266	20,199	48.2	112.2
	Age 15-19	1,367	121	1,908	3,396	49,022	27.9	69.3
Brooklyn	15-17	368	35	741	1,144	43,970	8.4	26.0
	18-19	1,131	97	1,327	2,555	30,081	37.6	84.9
	Age 15-19	1,499	132	2,068	3,699	74,051	20.2	50.0
Queens	15-17	268	21	494	783	35,889	7.5	21.8
	18-19	654	43	931	1,628	24,345	26.9	66.9
	Age 15-19	922	64	1,425	2,411	60,234	15.3	40.0
Staten Island	15-17	69	11	83	163	8,735	7.9	18.7
	18-19	122	15	148	285	5,643	21.6	50.5
	Age 15-19	191	26	231	448	14,378	13.3	31.2
NYC Events to Non-NYC Residents	15-17	21	4	176	201	–	N.A.	N.A.
	18-19	111	10	333	454	–	N.A.	N.A.
	Age 15-19	132	14	509	655	–	N.A.	N.A.

* Population data used to calculate rates are from 2010 Census. See Technical Notes: Population.
** From 2011, the number of events to 15-17 year old females and to 15-19 year old females include events to females <18 and Technical Notes:
<20 years of age respectively. See Pregnancy Outcome 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, 2010-2014**

	Year				
	2010	2011	2012	2013	2014
Total Live Births	124,791	123,029	123,231	120,457	122,084
Percent to Teenagers (Age < 20)	5.9	5.3	4.7	4.2	3.7
Population* (Female Age 15-19)	264,778	251,854	245,424	238,442	235,417
Birth Rate† (Age 15-19)	27.6	25.8	23.6	21.2	19.4
Births to Teenagers	7,309	6,489	5,795	5,046	4,572
Percent of Births with					
Specified Characteristics:					
Hispanic	58.4	58.0	57.3	58.1	58.5
Foreign-born Mother	29.2	29.1	29.5	29.8	30.0
First Live Birth	86.9	87.4	86.8	85.3	85.9
< 2,500 Grams	9.5	10.4	9.9	10.4	9.6
Preterm‡	9.6	9.8	9.7	9.5	9.3
Prenatal Care in First or Second					
Trimester of Pregnancy	85.2	85.9	85.5	84.0	85.4
Not Married	90.8	90.2	90.1	88.4	88.4
On Medicaid||	89.5	89.7	88.6	88.3	90.3
Pre-pregnancy Obesity	15.2	14.3	14.1	13.4	13.6
Infant Mortality Rate¶	8.1	8.8	6.6	6.5	3.7

* For denominator information, see Technical Notes: Population.
†Birth rates to women age < 20 years per 1,000 female population age 15 to 19. See Technical Notes: Vital Event Rates.
‡ Clinical gestational age < 37 completed weeks.
|| 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, 2012-2014*

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	15,413	4.2	57.9	29.7	86.1	10.0	9.5	15.0	89.0	89.0	22.2
MANHATTAN	1,551	2.8	66.4	26.5	86.3	9.9	10.3	13.6	93.2	88.5	22.8
Battery Park, Tribeca (01)	5	0.1	60.0	40.0	100.0	0.0	0.0	20.0	80.0	60.0	0.0
Greenwich Village, SoHo (02)	10	0.4	30.0	0.0	60.0	0.0	0.0	22.2	70.0	70.0	30.0
Lower East Side (03)	178	3.7	67.1	13.5	86.5	11.8	12.9	13.3	96.1	90.8	31.6
Chelsea, Clinton (04)	44	1.5	48.8	11.4	75.0	6.8	9.1	10.3	95.5	84.1	29.5
Midtown Business District (05)	19	1.1	26.3	15.8	89.5	10.5	10.5	29.4	84.2	83.3	26.3
Murray Hill (06)	12	0.3	41.7	25.0	91.7	0.0	0.0	11.1	83.3	90.0	41.7
Upper West Side (07)	89	1.1	57.5	11.2	88.8	10.1	11.2	14.5	97.8	86.5	27.0
Upper East Side (08)	33	0.4	35.5	27.3	81.8	15.2	9.1	15.6	87.9	90.6	30.3
Manhattanville (09)	161	4.7	70.0	34.2	87.6	11.2	9.9	14.5	93.2	88.5	29.2
Central Harlem (10)	265	5.4	32.8	17.0	85.7	11.3	10.2	20.5	92.5	82.1	23.5
East Harlem (11)	330	6.9	66.9	15.8	84.8	11.5	11.8	11.1	95.5	89.8	16.1
Washington Heights (12)	419	5.9	94.7	50.1	88.5	6.9	8.8	9.9	91.4	92.1	18.9
BRONX	4,758	7.9	72.4	27.7	85.8	10.5	9.5	17.7	94.1	90.4	21.6
Mott Haven (01)	437	9.0	69.4	19.7	86.0	8.9	7.8	19.1	95.9	89.4	17.2
Hunts Point (02)	245	9.2	76.5	22.9	84.1	8.6	7.8	21.8	93.9	90.1	22.9
Morrisania (03)	407	9.5	65.8	23.6	86.0	8.8	7.9	19.6	95.6	89.7	18.6
Concourse, Highbridge (04)	671	8.7	76.3	34.0	85.7	9.8	10.7	15.1	94.5	91.3	17.3
University/Morris Heights (05)	611	8.8	77.4	33.6	84.9	8.5	9.3	13.8	93.8	90.5	18.9
East Tremont (06)	418	10.1	78.5	24.2	84.2	12.7	11.7	12.4	96.7	91.8	20.6
Fordham (07)	494	7.4	87.4	33.8	87.4	12.6	7.9	16.8	92.3	92.3	24.9
Riverdale (08)	142	4.1	85.7	30.3	88.0	8.5	7.8	18.1	93.0	91.4	22.9
Unionport, Soundview (09)	546	7.4	72.6	22.9	86.4	13.4	13.0	21.3	94.0	90.6	27.5
Throgs Neck (10)	150	5.2	61.9	23.3	88.7	8.0	8.0	23.0	88.0	81.3	33.3
Pelham Parkway (11)	217	5.4	66.4	24.9	81.1	9.2	9.2	18.8	88.5	88.4	29.5
Williamsbridge (12)	407	7.8	42.6	28.7	87.9	12.5	9.1	21.6	95.6	90.7	19.4
BROOKLYN	4,944	4.0	41.1	28.3	86.3	9.9	9.7	12.8	84.2	89.5	21.6
Williamsburg, Greenpoint (01)	250	2.3	45.3	12.4	92.4	7.6	7.2	9.7	61.6	88.8	30.0
Fort Greene, Brooklyn Heights (02)	100	2.0	35.7	19.0	88.0	11.0	15.0	8.1	90.0	89.0	9.1
Bedford Stuyvesant (03)	477	6.7	31.8	12.8	88.4	10.5	14.1	14.3	90.4	90.1	24.2
Bushwick (04)	407	8.3	79.6	31.9	84.7	5.7	6.6	10.1	94.3	91.8	20.6
East New York (05)	687	8.4	47.2	24.9	85.3	12.1	10.6	15.2	95.2	88.0	27.0
Park Slope (06)	104	1.9	55.9	17.3	86.5	13.5	15.4	8.7	94.2	87.5	21.4
Sunset Park (07)	314	3.6	79.5	44.9	78.0	8.3	8.9	11.2	89.2	95.9	11.8
Crown Heights North (08)	227	5.7	20.8	22.9	89.4	9.7	7.9	15.1	92.1	88.4	15.4
Crown Heights South (09)	138	3.0	16.1	37.0	87.7	8.0	11.6	13.6	92.0	85.3	23.7
Bay Ridge (10)	114	2.0	57.0	46.5	80.7	8.8	8.8	10.5	71.9	89.5	10.5
Bensonhurst (11)	194	2.5	51.0	47.4	86.1	9.3	8.2	12.0	68.0	92.2	17.5
Borough Park (12)	373	2.2	30.8	35.8	86.6	9.4	7.0	5.9	42.9	88.2	22.3
Coney Island (13)	195	5.3	49.7	22.6	82.6	11.8	10.8	13.6	86.2	93.3	10.8
Flatbush, Midwood (14)	291	3.7	38.9	40.9	86.9	8.2	6.9	12.5	81.1	91.4	20.6
Sheepshead Bay (15)	172	2.7	26.9	39.5	86.6	7.6	6.4	12.9	58.1	84.9	25.0
Brownsville (16)	365	8.9	25.5	12.9	86.5	10.4	9.6	17.0	97.0	89.3	26.4
East Flatbush (17)	311	5.2	9.6	32.8	89.7	14.8	12.2	15.5	96.1	88.3	22.0
Canarsie (18)	224	3.3	21.4	30.4	87.1	10.3	9.8	16.5	90.6	85.6	23.8
QUEENS	3,151	3.9	61.2	39.8	85.6	8.9	8.6	16.9	88.8	89.4	24.3
Astoria, Long Island City (01)	203	3.4	64.3	23.6	86.2	9.9	8.9	19.6	91.1	88.6	16.8
Sunnyside, Woodside (02)	129	2.6	75.0	48.1	84.5	8.5	9.3	19.7	86.0	94.4	17.1
Jackson Heights (03)	438	5.5	92.6	55.5	86.1	8.0	7.5	16.0	90.0	94.3	19.9
Elmhurst, Corona (04)	378	4.7	91.8	55.6	81.7	9.3	9.3	16.2	90.5	96.3	16.1
Ridgewood, Glendale (05)	274	4.5	78.4	43.1	85.0	6.6	8.4	16.4	85.4	90.1	23.8
Rego Park, Forest Hills (06)	30	0.7	48.3	56.7	93.3	0.0	0.0	6.7	70.0	76.7	23.3
Flushing (07)	146	1.7	66.7	43.8	87.7	11.6	6.8	11.1	84.9	87.7	18.5
Fresh Meadows, Briarwood (08)	108	2.0	46.7	35.2	89.8	9.3	10.2	15.7	78.7	84.1	28.7
Woodhaven (09)	259	4.6	63.8	44.8	86.5	6.6	6.6	18.0	79.9	89.9	26.7
Howard Beach (10)	187	5.0	40.3	39.0	87.7	11.2	8.6	19.3	85.6	86.5	25.7
Bayside (11)	26	1.3	53.8	38.5	92.3	7.7	11.5	11.5	76.9	69.2	15.4
Jamaica, St. Albans (12)	528	6.1	32.8	28.5	84.5	10.4	9.1	17.7	93.4	86.8	34.4
Queens Village (13)	187	3.8	20.0	28.3	86.6	7.0	9.1	16.2	92.0	80.0	35.8
The Rockaways (14)	258	6.8	41.0	20.5	85.7	10.5	11.2	18.3	96.9	89.1	23.3
STATEN ISLAND	605	3.8	54.2	19.7	84.8	11.2	10.1	6.7	92.9	80.4	19.2
Port Richmond (01)	461	6.5	57.0	19.8	82.9	11.1	10.2	6.6	94.1	83.2	19.1
Willowbrook, South Beach (02)	90	2.2	50.0	22.2	88.9	12.2	8.9	7.8	87.8	73.3	15.6
Tottenville (03)	54	1.2	37.7	14.8	94.4	11.1	11.1	5.6	90.7	68.5	25.9
NEW YORK CITY RESIDENTS	15,009	4.5	58.4	30.0	85.9	9.9	9.5	15.1	89.6	89.3	22.2
NON-RESIDENTS	399	1.3	39.3	19.1	91.0	12.8	10.8	13.3	68.9	77.3	24.9
RESIDENCE UNKNOWN	5	-	-	-	-	-	-	-	-	-	-

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 33 (Map PO11).

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

† 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, 2014

Borough of Residence / Pregnancy Outcome	Total	Age of Woman (Years)							Unknown or Not Stated
		< 18	18-19	20-24	25-29	30-34	35-39	≥ 40	
NEW YORK CITY	200,954	3,902	8,149	41,730	51,668	52,167	32,689	10,646	3
Live Births	122,084	1,249	3,323	20,419	31,054	36,792	22,800	6,447	–
Spontaneous Terminations	11,250	141	271	1,547	2,269	2,913	2,627	1,481	1
Induced Terminations	67,620	2,512	4,555	19,764	18,345	12,462	7,262	2,718	2
MANHATTAN	31,445	481	961	5,255	6,895	9,354	6,306	2,193	0
Live Births	18,143	129	332	1,839	3,268	6,665	4,496	1,414	–
Spontaneous Terminations	1,833	20	35	186	293	495	520	284	–
Induced Terminations	11,469	332	594	3,230	3,334	2,194	1,290	495	–
BRONX	37,812	1,130	2,266	10,149	10,275	8,151	4,448	1,393	0
Live Births	20,032	394	973	4,859	5,554	4,864	2,677	711	–
Spontaneous Terminations	1,962	50	71	391	431	482	342	195	–
Induced Terminations	15,818	686	1,222	4,899	4,290	2,805	1,429	487	–
BROOKLYN	63,853	1,144	2,555	13,942	16,894	15,851	10,164	3,300	3
Live Births	41,190	368	1,131	7,875	11,027	11,439	7,316	2,034	–
Spontaneous Terminations	3,609	35	97	560	732	877	808	499	1
Induced Terminations	19,054	741	1,327	5,507	5,135	3,535	2,040	767	2
QUEENS	43,479	783	1,628	8,588	12,043	11,373	6,876	2,188	0
Live Births	26,937	268	654	4,193	7,729	8,114	4,723	1,256	–
Spontaneous Terminations	2,357	21	43	284	539	624	542	304	–
Induced Terminations	14,185	494	931	4,111	3,775	2,635	1,611	628	–
STATEN ISLAND	7,567	163	285	1,293	2,043	2,169	1,244	370	0
Live Births	5,255	69	122	707	1,465	1,724	924	244	–
Spontaneous Terminations	553	11	15	57	119	160	125	66	–
Induced Terminations	1,759	83	148	529	459	285	195	60	–
NON-RESIDENTS	16,777	200	452	2,502	3,513	5,266	3,645	1,199	0
Live Births	10,518	20	109	945	2,009	3,985	2,663	787	–
Spontaneous Terminations	924	4	10	69	152	273	285	131	–
Induced Terminations	5,335	176	333	1,488	1,352	1,008	697	281	–
RESIDENCE UNKNOWN	21	1	2	1	5	3	6	3	0
Live Births	9	1	2	1	2	1	1	1	–
Spontaneous Terminations	12	.	.	.	3	2	5	2	–
Induced Terminations	0	–	–	–	–	–	–	–	–

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

PREGNANCY OUTCOMES

Table PO14. Spontaneous Terminations of Pregnancy by Gestational Age and Age of Woman, New York City, 2014

Gestational Age (Weeks)	Total	Age of Woman (Years)							
		< 18	18-19	20-24	25-29	30-34	35-39	≥ 40	Unknown or not stated
Total	11,250	141	271	1,547	2,269	2,913	2,627	1,481	1
< 13	8,764	100	206	1,155	1,708	2,227	2,091	1,277	–
13-15	629	8	18	89	138	162	142	72	–
16-19	760	12	15	102	179	230	165	57	–
20-27	644	15	21	108	142	181	133	44	–
≥ 28	401	4	8	83	86	104	87	28	1
Not Stated	52	2	3	10	16	9	9	3	–

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, 2014

	Total	Age of Woman (Years)							
		< 18	18-19	20-24	25-29	30-34	35-39	≥ 40	Unknown or not stated
Total	401	4	8	83	86	104	87	28	1
Sex									
Male	195	2	4	39	33	53	46	18	–
Female	190	2	4	42	47	47	38	9	1
Undetermined	16	–	–	2	6	4	3	1	–
Weight at Delivery (Grams)									
< 500	4	–	1	1	–	1	1	–	–
500-999	28	–	–	9	3	9	6	1	–
1,000-1,499	42	–	1	10	13	8	6	4	–
1,500-1,999	57	1	1	13	13	15	9	5	–
2,000-2,499	85	1	1	14	19	23	20	7	–
≥ 2,500	150	2	3	29	32	39	36	9	–
Not stated	35	–	1	7	6	9	9	2	1

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

PREGNANCY OUTCOMES

Table PO16. Selected Characteristics of Spontaneous Terminations of Pregnancy, ≥28 Weeks Gestation, Overall and by Ethnic Group of Women, New York City, 2014

		Racial/Ethnic Group of Women						
	Total	Puerto Rican	Other Hispanic	Asian and Pacific Islander	Non-Hispanic White	Non-Hispanic Black	Other	Not Stated
Total	401	22	85	42	87	115	4	46
Sex								
Male	195	10	41	20	37	61	2	24
Female	190	11	42	19	44	52	2	20
Undetermined	16	1	2	3	6	2	.	2
Weight at Delivery (Grams)								
< 500	4	–	2	–	–	2	.	–
500-999	28	1	2	5	4	12	1	3
1,000-1,499	42	–	10	4	5	19	.	4
1,500-1,999	57	6	7	4	12	20	.	8
2,000-2,499	85	7	18	10	21	22	1	6
≥ 2,500	150	7	42	17	35	36	.	13
Not stated	35	1	4	2	10	4	2	12

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

Table PO17. Live Births, Spontaneous Terminations of ≥ 28 Weeks Gestation, and Induced Terminations of Pregnancy by Borough of Residence and Occurrence, New York City, 2014

Borough of Residence / Pregnancy Outcome	Total	Borough of Occurrence				
		Manhattan	Bronx	Brooklyn	Queens	Staten Island
NEW YORK CITY	190,105	74,127	26,558	42,756	40,566	6,098
Live Births	122,084	45,461	15,394	30,377	24,938	5,914
Spontaneous Terminations	401	138	59	108	78	18
Induced Terminations	67,620	28,528	11,105	12,271	15,550	166
MANHATTAN	29,660	27,481	1,182	548	439	10
Live Births	18,143	17,489	309	195	140	10
Spontaneous Terminations	48	43	3	1	1	-
Induced Terminations	11,469	9,949	870	352	298	-
BRONX	35,921	11,124	23,737	407	642	11
Live Births	20,032	5,462	14,186	183	192	9
Spontaneous Terminations	71	20	50	1	-	-
Induced Terminations	15,818	5,642	9,501	223	450	2
BROOKLYN	60,380	17,938	323	37,388	3,487	1,244
Live Births	41,190	11,105	104	27,399	1,344	1,238
Spontaneous Terminations	136	26	1	100	7	2
Induced Terminations	19,054	6,807	218	9,889	2,136	4
QUEENS	41,212	7,851	289	2,463	30,570	39
Live Births	26,937	5,117	124	1,556	20,101	39
Spontaneous Terminations	90	24	-	3	63	-
Induced Terminations	14,185	2,710	165	904	10,406	-
STATEN ISLAND	7,033	1,200	41	1,103	123	4,566
Live Births	5,255	269	15	546	30	4,395
Spontaneous Terminations	19	3	-	1	-	15
Induced Terminations	1,759	928	26	556	93	156
NON-RESIDENTS	15,889	8,530	983	844	5,304	228
Live Births	10,518	6,016	653	495	3,131	223
Spontaneous Terminations	36	22	5	2	6	1
Induced Terminations	5,335	2,492	325	347	2,167	4
RESIDENCE UNKNOWN	10	3	3	3	1	-
Live Births	9	3	3	3	-	-
Spontaneous Terminations	1	-	-	-	1	-
Induced Terminations	-	-	-	-	-	-

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

Table PO18. Induced Terminations of Pregnancy by Selected Characteristics and Age of Woman, New York City, 2014

	Total	Age of Woman (Years)							Not Stated
		< 18	18-19	20-24	25-29	30-34	35-39	≥ 40	
Induced Termination of Pregnancy, All	67,620	2,512	4,555	19,764	18,345	12,462	7,262	2,718	2
Ethnic Group									
Hispanic	20,371	900	1,633	6,388	5,532	3,467	1,833	618	-
Asian and Pacific Islander	4,547	69	166	1,015	1,202	1,004	741	350	-
Non-Hispanic white	9,401	176	341	2,168	2,858	1,988	1,300	570	-
Non-Hispanic black	27,367	1,158	2,010	8,454	7,239	4,901	2,682	921	2
Other	2,477	117	189	807	635	406	248	75	-
Unknown	3,457	92	216	932	879	696	458	184	-
Marital Status									
Married	9,379	30	105	1,224	2,479	2,546	2,042	953	-
Not married	49,730	2,236	4,008	16,389	13,582	8,120	4,079	1,314	2
Other/Unknown	8,511	246	442	2,151	2,284	1,796	1,141	451	-
Gestational Age (Weeks)									
≤ 6	25,469	663	1,371	7,099	7,351	5,020	2,883	1,082	-
7 - 8	20,208	667	1,330	5,747	5,590	3,824	2,213	835	2
9 - 10	9,197	384	746	2,827	2,405	1,627	881	327	-
11 - 12	4,676	269	393	1,518	1,126	728	482	160	-
13 - 15	3,293	184	284	1,035	777	500	365	148	-
16 - 20	3,171	214	288	1,048	735	483	286	117	-
≥ 21	1,574	131	143	478	354	270	151	47	-
Unknown	32	.	.	12	7	10	1	2	-
Type of Primary Termination Procedure									
Suction curettage	48,271	1,656	3,136	13,804	13,229	9,188	5,244	2,012	2
Sharp curettage / D+C	1,380	40	56	314	365	283	202	120	-
Dilatation and evacuation	6,508	436	579	2,050	1,499	1,009	671	264	-
Intrauterine instillation	77	1	1	7	7	27	25	9	-
Hysterotomy / hysterectomy	12	.	.	1	3	4	3	1	-
Medical (non-surgical)	11,234	377	780	3,569	3,213	1,914	1,083	298	-
Other	138	2	3	19	29	37	34	14	-

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

Table PO19. Induced Terminations of Pregnancy by Woman's Marital Status, Age, and Ethnic Group, New York City, 2010-2014

	2010	2011	2012	2013	2014
Marital Status (Percent)					
Married	13.6	15.8	16.2	15.0	13.9
Not married	82.5	67.2	75.2	79.1	73.6
Other/Unknown	3.9	17.0	8.6	6.0	12.6
Age of Woman (Years)					
< 20	12,570	11,302	9,417	8,063	7,067
20 - 24	24,898	24,266	22,048	20,956	19,764
25 - 29	20,707	20,126	18,917	18,066	18,345
30 - 34	14,009	13,809	13,061	12,734	12,462
35 - 39	8,047	7,903	7,472	7,175	7,262
≥ 40	3,199	3,077	2,897	2,846	2,718
Unknown	320	2	3	-	2
Ethnic Group					
Hispanic	27,112	23,959	22,917	21,555	20,371
Asian and Pacific Islander	4,761	4,308	4,493	4,615	4,547
Non-Hispanic white	9,220	9,550	9,704	9,422	9,401
Non-Hispanic black	38,574	35,188	31,328	29,007	27,367
Other	607	3,246	2,555	2,591	2,477
Unknown	3,476	4,234	2,818	2,650	3,457
Total	83,750	80,485	73,815	69,840	67,620

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

PREGNANCY OUTCOMES

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

Rank	Girls										
	1898	1928	1948	1980	1990	2000	2005	2010	2012	2013	2014
1	Mary	Mary	Linda	Jennifer	Stephanie	Ashley	Emily	Isabella	Sophia	Sophia	Sophia
2	Catherine	Marie	Mary	Jessica	Jessica	Samantha	Ashley	Sophia	Isabella	Isabella	Isabella
3	Margaret	Annie	Barbara	Melissa	Ashley	Kayla	Kayla	Olivia	Emma	Emma	Olivia
4	Annie	Margaret	Patricia	Nicole	Jennifer	Emily	Sarah	Emily	Olivia	Olivia	Mia
5	Rose	Catherine	Susan	Michelle	Amanda	Brianna	Isabella	Madison	Emily	Mia	Emma
6	Marie	Gloria	Kathleen	Elizabeth	Samantha	Sarah	Samantha	Mia	Mia	Emily	Emily
7	Esther	Helen	Carol	Lisa	Nicole	Jessica	Sophia	Emma	Chloe	Leah	Leah
8	Sarah	Teresa	Nancy	Christina	Christina	Nicole	Nicole	Leah	Madison	Sofia	Ava
9	Frances	Joan	Margaret	Tiffany	Melissa	Michelle	Olivia	Sarah	Leah	Madison	Sofia
10	Ida	Barbara	Diane	Maria	Michelle	Amanda	Rachel	Chloe	Ava	Chloe	Chloe

Rank	Boys										
	1898	1928	1948	1980	1990	2000	2005	2010	2012	2013	2014
1	John	John	Robert	Michael	Michael	Michael	Michael	Jayden	Jayden	Jayden	Ethan
2	William	William	John	David	Christopher	Justin	Daniel	Ethan	Ethan	Ethan	Jacob
3	Charles	Joseph	James	Jason	Jonathan	Christopher	Joshua	Daniel	Jacob	Jacob	Liam
4	George	James	Michael	Joseph	Anthony	Matthew	David	Jacob	Daniel	Daniel	Jayden
5	Joseph	Richard	William	Christopher	David	Daniel	Justin	David	Matthew	David	Noah
6	Edward	Edward	Richard	Anthony	Daniel	Anthony	Matthew	Justin	Michael	Noah	Daniel
7	James	Robert	Joseph	John	Joseph	Joshua	Anthony	Michael	Aiden	Michael	Michael
8	Louis	Thomas	Thomas	Daniel	Matthew	David	Christopher	Matthew	David	Matthew	Alexander
9	Francis	George	Stephen	Robert	John	Joseph	Joseph	Joseph	Ryan	Alexander	David
10	Samuel	Louis	David	James	Andrew	Kevin	Nicholas	Joshua	Alexander	Liam	Matthew

Table PO21. Most Popular Baby Names by Sex and Mother's Ethnic Group, New York City, 2014

Rank	Girls					Boys				
	Overall	Hispanic	NH-Black	NH-White	Asian & P.I.	Overall	Hispanic	NH-Black	NH-White	Asian & P.I.
1	Sophia	Isabella	Madison	Olivia	Olivia	Ethan	Liam	Ethan	Joseph	Jayden
2	Isabella	Sophia	Ava	Esther	Chloe*	Jacob	Dylan*	Noah	David	Ethan
3	Olivia	Mia	Chloe	Rachel	Sophia*	Liam	Jacob*	Aiden*	Michael	Ryan
4	Mia	Sofia	Aaliyah	Leah	Emma	Jayden	Noah	Jayden*	Moshe	Lucas
5	Emma	Camila	Skylar	Emma	Emily	Noah	Jayden	Elijah	Jacob	Aiden
6	Emily	Emily	London*	Chaya	Angela	Daniel	Ethan	Jeremiah	Benjamin	Muhammad
7	Leah	Emma	Mia*	Sarah	Mia	Michael	Matthew	Liam	Alexander	Daniel
8	Ava	Victoria	Savannah	Sophia	Grace	Alexander	Sebastian	Joshua	Daniel	William
9	Sofia	Ashley	Olivia	Ava	Isabella	David	Alexander	Carter	Samuel	Eric
10	Chloe	Valentina	Fatoumata†	Chana*	Claire	Matthew	Daniel	Mason	Jack	Jason
			Isabella†	Emily*						
			Mariam†	Miriam*						

*, † 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, 2005, 2014

Birth Characteristics	Low (< 10%) 2014	2005	Chg 2005 to 2014 (%)	Medium (10 to < 20%) 2014	2005	Chg 2005 to 2014 (%)	High (20 to < 30%) 2014	2005	Chg 2005 to 2014 (%)	Very High (≥ 30%) 2014	2005	Chg 2005 to 2014 (%)
Births	22,987	27,479	-16.3	30,760	30,930	-0.5	23,677	24,558	-3.6	34,124	29,241	16.7
Population	2,427,013	2,530,244	-4.1	2,464,764	2,356,472	4.6	1,763,739	1,545,680	14.1	1,835,563	1,598,788	14.8
Birth Rate (per 1,000 population)	9.5	10.9	-12.8	12.5	13.1	-4.6	13.4	15.9	-15.7	18.6	18.3	1.6
Preterm Live Births (%)	8.5	9.7	-12.4	8.6	9.6	-10.4	8.4	9.9	-15.2	8.9	10.4	-14.4
Low Birth Weight (%)	7.7	8.6	-10.5	8.0	8.5	-5.9	7.8	8.8	-11.4	8.4	9.8	-14.3
Body Mass Indicator‡												
Normal (%)	63.0	-	-	55.6	-	-	49.5	-	-	45.9	-	-
Overweight/Obese (%)	30.5	-	-	38.5	-	-	45.4	-	-	48.7	-	-
C-section (%)**	34.5	32.8	**	34.0	29.9	**	32.9	28.2	**	29.6	25.9	**
Multiple Births (%)	4.7	5.1	-7.8	3.7	3.2	15.6	3.0	2.7	11.1	3.1	3.0	3.3
Breastfed Only (%)‡	43.5	-	-	36.0	-	-	30.9	-	-	27.1	-	-
Late or No Prenatal Care (%)	4.2	4.1	2.4	7.0	7.2	-2.8	8.5	7.2	18.1	9.1	6.9	31.9
Foreign Born (%)	42.7	45.7	-6.6	59.6	64.1	-7.0	59.7	61.2	-2.5	46.6	45.7	2.0

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

† Summary of Vital Statistics 2013, 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.

** 2005 C-section data is not comparable to 2014 due to 2008 birth certificate revisions. Historical Technical Notes: Births.

PREGNANCY OUTCOMES

Table 23. Pregnancy Outcomes, Pregnancy Outcome Rates*, and Pregnancy Rates* by Mother's Age Group, Racial/Ethnic Group, and Borough of Residence, New York City, 2014

	Age of Woman†	Live Births		Spontaneous Terminations		Induced Terminations		Pregnancy	
	Years	Counts‡	Rates per 1,000	Counts‡	Rates per 1,000	Counts‡	Rates per 1,000	Counts‡	Rates per 1,000
New York City§	15-19	4,572	19.4	412	1.8	7,067	30.0	12,051	51.2
	20-29	51,473	70.8	3,816	5.2	38,109	52.4	93,398	128.5
	30-39	59,592	87.1	5,540	8.1	19,724	28.8	84,856	124.0
	40-49	6,447	11.1	1,481	2.5	2,718	4.7	10,646	18.3
	Total	122,084	14.4	11,250	5.8	67,620	34.8	200,954	103.5
Ethnic Group§ˡ									
Hispanic	15-19	2,650	31.7	136	1.6	2,533	30.3	5,319	63.6
	20-29	17,895	85.1	991	4.7	11,920	56.7	30,806	146.4
	30-39	13,820	72.4	1,091	5.7	5,300	27.8	20,211	105.8
	40-49	1,285	7.6	261	1.5	618	3.7	2,164	12.8
	Total	35,650	14.5	2,479	4.3	20,371	35.7	58,500	102.6
Asian and Pacific Islander	15-19	168	5.6	10	0.3	235	7.9	413	13.9
	20-29	8,318	76.3	237	2.2	2,217	20.3	10,772	98.8
	30-39	11,247	100.5	525	4.7	1,745	15.6	13,517	120.8
	40-49	1,013	10.8	105	1.1	350	3.7	1,468	15.7
	Total	20,746	17.3	877	2.9	4,547	15.2	26,170	87.3
Non-Hispanic White	15-19	450	8.1	43	0.8	517	9.3	1,010	18.2
	20-29	13,734	58.1	784	3.3	5,026	21.3	19,544	82.7
	30-39	23,468	103.8	1,657	7.3	3,288	14.5	28,413	125.6
	40-49	2,791	17.0	453	2.8	570	3.5	3,814	23.2
	Total	40,443	14.7	2,937	4.9	9,401	15.6	52,781	87.6
Non-Hispanic Black	15-19	1,239	20.3	129	2.1	3,168	51.8	4,536	74.2
	20-29	10,946	69.7	984	6.3	15,693	99.9	27,623	175.9
	30-39	10,218	71.6	1,129	7.9	7,583	53.1	18,930	132.6
	40-49	1,277	8.8	324	2.2	921	6.3	2,522	17.3
	Total	23,680	12.4	2,566	6.0	27,367	63.5	53,613	124.5
Borough of Residence¶									
Manhattan	15-19	461	12.2	55	1.5	926	24.5	1,442	38.2
	20-29	5,107	29.4	479	2.8	6,564	37.7	12,150	69.9
	30-39	11,161	73.0	1,015	6.6	3,484	22.8	15,660	102.5
	40-49	1,414	13.1	284	2.6	495	4.6	2,193	20.3
	Total	18,143	11.1	1,833	4.4	11,469	27.3	31,445	74.8
Bronx	15-19	1,367	27.9	121	2.5	1,908	38.9	3,396	69.3
	20-29	10,413	86.3	822	6.8	9,189	76.1	20,424	169.2
	30-39	7,541	71.3	824	7.8	4,234	40.0	12,599	119.1
	40-49	711	7.1	195	1.9	487	4.8	1,393	13.8
	Total	20,032	13.9	1,962	6.0	15,818	48.7	37,812	116.4
Brooklyn	15-19	1,499	20.2	132	1.8	2,068	27.9	3,699	50.0
	20-29	18,902	84.4	1,292	5.8	10,642	47.5	30,836	137.8
	30-39	18,755	86.4	1,685	7.8	5,575	25.7	26,015	119.8
	40-49	2,034	11.6	499	2.8	767	4.4	3,300	18.8
	Total	41,190	15.7	3,609	6.0	19,054	31.5	63,853	105.5
Queens	15-19	922	15.3	64	1.1	1,425	23.7	2,411	40.0
	20-29	11,922	67.4	823	4.7	7,886	44.6	20,631	116.7
	30-39	12,837	72.1	1,166	6.5	4,246	23.8	18,249	102.5
	40-49	1,256	7.7	304	1.9	628	3.8	2,188	13.4
	Total	26,937	11.6	2,357	4.7	14,185	28.5	43,479	87.5
Staten Island	15-19	191	13.3	26	1.8	231	16.1	448	31.2
	20-29	2,172	68.3	176	5.5	988	31.1	3,336	104.9
	30-39	2,648	86.8	285	9.3	480	15.7	3,413	111.9
	40-49	244	7.2	66	1.9	60	1.8	370	10.9
	Total	5,255	11.1	553	5.9	1,759	18.9	7,567	81.2

Note: Population data used to calculate rates are 2014 estimates from US Census Bureau. See Technical Notes: Population.

*See Technical Notes: Population, Vital Event Rates.

†The denominators for total rates are females ages 15-44 except for total birth rates which are all population.

‡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.

ˡOther/unknown ethnicities are excluded.

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

SUMMARY OF VITAL STATISTICS
2014
THE CITY OF NEW YORK
Appendix B

Technical Notes and
New York City Vital Event Certificates

POPULATION

CITYWIDE POPULATION

The 2014 NYC population estimates used in tables and figures are based on the US Census Bureau 2014 Vintage population estimate as extracted from http://www.census.gov/popest/data/counties/asrh/2014/CC-EST2014-ALLDATA.html. The 2014 US Census population estimate for New York City (NYC) is 8,491,079. (See table on next page for 2014 NYC population estimates by age, race/ethnicity and sex). Population data used to compute rate trends (2005-2014), regardless of NYC geography presented, was estimated by DOHMH, Epidemiology Services, using the methodology found below under Community District Population Estimates.

RACE/ETHNICITY CATEGORIES

Beginning with the 2000 Census, respondents could describe themselves and household members as being of more than one race, selecting at least one of six race categories: white, black, American Indian and Alaska Native, Asian, Native Hawaiian and Other Pacific Islander, and some other race(s). These categories yield 63 possible combinations. Respondents also were asked if they were of Hispanic origin. The resulting responses could be organized into 64 groups. New York City's Department of City Planning collapses these groups into seven categories: (1) Hispanic origin, (2) non-Hispanic white, (3) non-Hispanic black, (4) non-Hispanic Asian or Pacific Islander, (5) non-Hispanic American Indian and Alaska Native, (6) non-Hispanic of some other race, and (7) non-Hispanic of two or more races, which the Department of City Planning refers to as "mutually exclusive race and Hispanic categories. The first four of these categories are reflected in the Vital Statistics Summary variable "ethnic group" with a 5th that combines non-Hispanic American Indian and Alaska Native, non-Hispanic of some other race, non-Hispanic of two or more races and other or multiple race. For more information, see "Race, Ancestry, and Ethnic Group."

COMMUNITY DISTRICT POPULATION ESTIMATES

Community districts were established by City Charter in 1969 for the delivery of city services. Population figures for these districts are compiled by Department of City Planning from census tract and census block data. The sum of the community district populations in each borough may not equal the borough population or the citywide population because community districts may cross borough boundaries.

2014 Community District estimates

The 2014 Community District estimates were calculated based on the Census postcensal estimate for 2014 released in July 2015 (See Historical Technical Notes for previous years' methods).

LIFE EXPECTANCY

For life expectancy computations, single-year age group populations were based on decennial census counts. Life expectancies for 2001-2009 have been updated from the previous Summary using linear interpolation of single-year age group populations based on 2000 and 2010 census counts. Citywide life expectancies by sex and race/ethnicity for 2010 are calculated based on 2010 census population. Population data for life expectancies for 2011-2013 were extrapolated based on single-year age groups of Census population, 2000 and 2010. Life expectancy for Asians and Pacific Islanders is not displayed because the required single year of age population denominators are too small to produce reliable estimates. Also See Technical Notes: Deaths, Life Expectancy.

AGE CATEGORIES

Since 2010, rates of teen events (ages 15-17, 18-19) require population data with 22 age groups as opposed to the standard 18 provided by the census. As a result, 22-age group population estimates are calculated and provided by Bureau of Epidemiology Services based on Census Bureau's estimates.

DEMOGRAPHICS/CHARACTERISTICS OF VITAL EVENTS

AGE AT DEATH

For ages greater than one year, decedent's age is based on age at last birthday. Unknown ages are recoded to mean age at death but are very rare.

RACE, ANCESTRY, AND ETHNIC GROUP

Race and ancestry are two separate items on the certificates. A relative of the decedent usually reports this information to the funeral director for the death certificate. As of 2003 and 2008, the death and birth certificates respectively allow for the selection of multiple races. Responses are coded following rules from the National Center for Health Statistics (NCHS). The ordered selection rules for defining ethnic group first assign Puerto Rican or other Hispanic ethnicities based on ancestry, regardless of race. Then, those of other or unknown ancestries are classified by race as Asian and Pacific Islander, non-Hispanic white, non-Hispanic black, or other/multiple race/unknown.

NCHS defines ancestry as the nationality, lineage, or country where the subject's ancestors were born before their arrival in the United States. If a religious group is reported, NCHS instructions are to ask for the country of origin or nationality. New York City receives enough

Population Estimates by Age, Mutually Exclusive Race and Hispanic Origin, and Sex, New York City, 2014

Age in Years	All			Hispanic			Non-Hispanic White			Non-Hispanic Black			Asian and Pacific Islander			Other or Multiple Races		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	8,491,079	4,048,444	4,442,635	2,460,898	1,194,318	1,266,580	2,760,391	1,343,020	1,417,371	1,912,525	863,166	1,049,359	1,199,433	573,810	625,623	157,832	74,130	83,702
Under 5	567,546	290,483	277,063	198,248	101,329	96,919	154,809	79,375	75,434	120,981	61,478	59,503	71,143	36,922	34,221	22,365	11,379	10,986
5-9	482,871	246,347	236,524	169,975	86,794	83,181	130,178	66,572	63,606	110,889	56,067	54,822	57,448	29,694	27,754	14,381	7,220	7,161
10-14	466,544	237,926	228,618	164,244	83,901	80,343	115,428	59,459	55,969	117,795	58,925	58,870	57,742	29,824	27,918	11,335	5,817	5,518
15-19	474,154	238,737	235,417	170,275	86,622	83,653	111,068	55,687	55,381	121,984	60,871	61,113	60,097	30,307	29,790	10,730	5,250	5,480
20-24	625,272	304,715	320,557	212,540	108,294	104,246	162,758	76,469	86,289	150,972	72,819	78,153	86,766	41,387	45,379	12,236	5,746	6,490
25-29	785,587	379,039	406,548	217,835	111,695	106,140	284,516	134,564	149,952	150,251	71,380	78,871	118,637	55,038	63,599	14,348	6,362	7,986
30-34	720,310	350,257	370,053	203,653	103,295	100,358	256,542	127,893	128,649	135,956	61,945	74,011	111,417	51,456	59,961	12,742	5,668	7,074
35-39	611,611	297,283	314,328	179,985	89,392	90,593	201,058	103,577	97,481	123,622	54,876	68,746	96,855	44,937	51,918	10,091	4,501	5,590
40-44	569,935	276,049	293,886	166,821	81,861	84,960	177,529	92,510	85,019	124,161	54,333	69,828	92,223	43,086	49,137	9,201	4,259	4,942
45-49	556,047	268,011	288,036	161,382	77,485	83,897	165,856	86,736	79,120	135,669	59,753	75,916	84,317	39,912	44,405	8,823	4,125	4,698
50-54	561,075	266,623	294,452	151,210	70,277	80,933	172,130	88,593	83,537	143,436	62,833	80,603	86,037	41,157	44,880	8,262	3,763	4,499
55-59	523,052	244,124	278,928	128,928	58,209	70,719	176,324	86,894	89,430	129,657	56,195	73,462	80,888	39,492	41,396	7,255	3,334	3,921
60-64	448,207	203,127	245,080	103,902	44,959	58,943	169,390	80,463	88,927	104,182	43,848	60,334	65,399	31,502	33,897	5,334	2,355	2,979
65-69	358,322	157,623	200,699	79,393	33,534	45,859	146,886	67,677	79,209	80,578	32,251	48,327	47,491	22,433	25,058	3,974	1,728	2,246
70-74	254,306	106,925	147,381	57,275	23,083	34,192	103,017	45,720	57,297	60,618	22,757	37,861	30,814	14,259	16,555	2,582	1,106	1,476
75-79	192,650	78,722	113,928	42,110	16,174	25,936	82,219	35,539	46,680	43,181	15,566	27,615	23,300	10,707	12,593	1,840	736	1,104
80-84	136,906	52,271	84,635	27,608	9,628	17,980	64,879	26,532	38,347	28,105	9,179	18,926	15,199	6,526	8,673	1,115	406	709
85 & Over	156,684	50,182	106,502	25,514	7,786	17,728	85,804	28,760	57,044	30,488	8,090	22,398	13,660	5,171	8,489	1,218	375	843

Data Source: US Census Bureau, population estimates, 2014.

certificates reporting Jewish or Hebrew ancestry to warrant inclusion in these tables, notwithstanding the religious meaning of the terms. Persons whose race is black and whose ancestry is American are classified as being of African American ancestry.

Infant Mortality

Infant's ethnic group is determined from mother's ancestry and race reported on the infant's birth certificate. In the absence of corresponding birth certificate for an infant death, the infant's race and ancestry information on the infant's death certificate is used to assign an ethnic group.

When rates are computed by infant characteristics (e.g. sex of infant or hospital/location of death), such characteristics are drawn from the death certificate, except for those characteristics that are either not indicated on the death certificate or only available on the child's birth certificate (e.g. mother's prenatal care, infant's birth weight, and gestational age). In the absence of a birth certificate, demographics are limited to those available on the death certificate. Infants who died in New York City who were born elsewhere are classified as unmatched in Appendix A: Tables IM2 and IM7.

GEOGRAPHICAL UNITS

RESIDENCY STATUS IN DATA PRESENTATION

Tables that stratify by location of residence (e.g., borough) separate data for nonresidents and residence-unknown categories. See Appendix A: Table M1 as an example. Tables that do not stratify by location of residence combine all deaths registered in New York City, regardless of residence.

Vital events that occurred to New York City residents while outside of New York City are not included in this report, with the exception of Life Expectancy (Report: Figures 1–4; Appendix A Tables M24, M25). Life expectancy calculations use national data from the NCHS, including deaths to New York City residents that occurred outside of New York City. For more information, see Life Expectancy.

BIRTHPLACE PRESENTATION

Mortality Data

Decedent's birthplace is reported by country. American Samoa, Northern Mariana Islands, US Virgin Islands and Guam are included in United States.

Mother's Birthplace (used for births and infant mortality data)

Starting in 2007, mother's birthplace is categorized as: "United States, including its territories" (Puerto Rico, the US Virgin Islands, American Samoa, Northern Marianas Islands, and Guam), "Foreign," and "Not Stated." When mother's birthplace is classified by country-specific categories, Puerto Rico is categorized apart from the United States.

BOROUGH OF RESIDENCE

Borough of residence and other geographic classifications are based on the usual residence reported on the certificate.

COMMUNITY DISTRICT (CD)

Community districts were established by City Charter in 1969 for the delivery of city services. There are 59 Community Districts in New York City. Since 1985, assignments to geographic areas smaller than borough, such as community district, are made through the Geosupport Program, which is developed and maintained by the Department of City Planning. Additional information on community district geography can be found at www.nyc.gov/dcp.

NEIGHBORHOOD POVERTY INDICATOR

Since 2012, neighborhood poverty disparities have been presented in the Summary of Vital Statistics. The neighborhood poverty indicator is the agency-recommended indicator for monitoring socioeconomic health disparities. The summary reports poverty at the census tract level. Each census tract is assigned to a neighborhood poverty category based on the percent of the census tract population living below the federal poverty level. The four neighborhood poverty categories are:

Low: <10% of the population below poverty	Medium: 10-19% of the population below poverty	High: 20-29% of the population below poverty	Very High: ≥30% of the population below poverty

The denominator of any rate by neighborhood poverty category contains the combined populations of census tracts falling within a category. The numerator contains the summed number of vital events occurring to residents of the census tracts falling within a category. Additional information on poverty indicator can be found at http://www.hsph.harvard.edu/thegeocodingproject/.

Community Districts and Boroughs, New York City
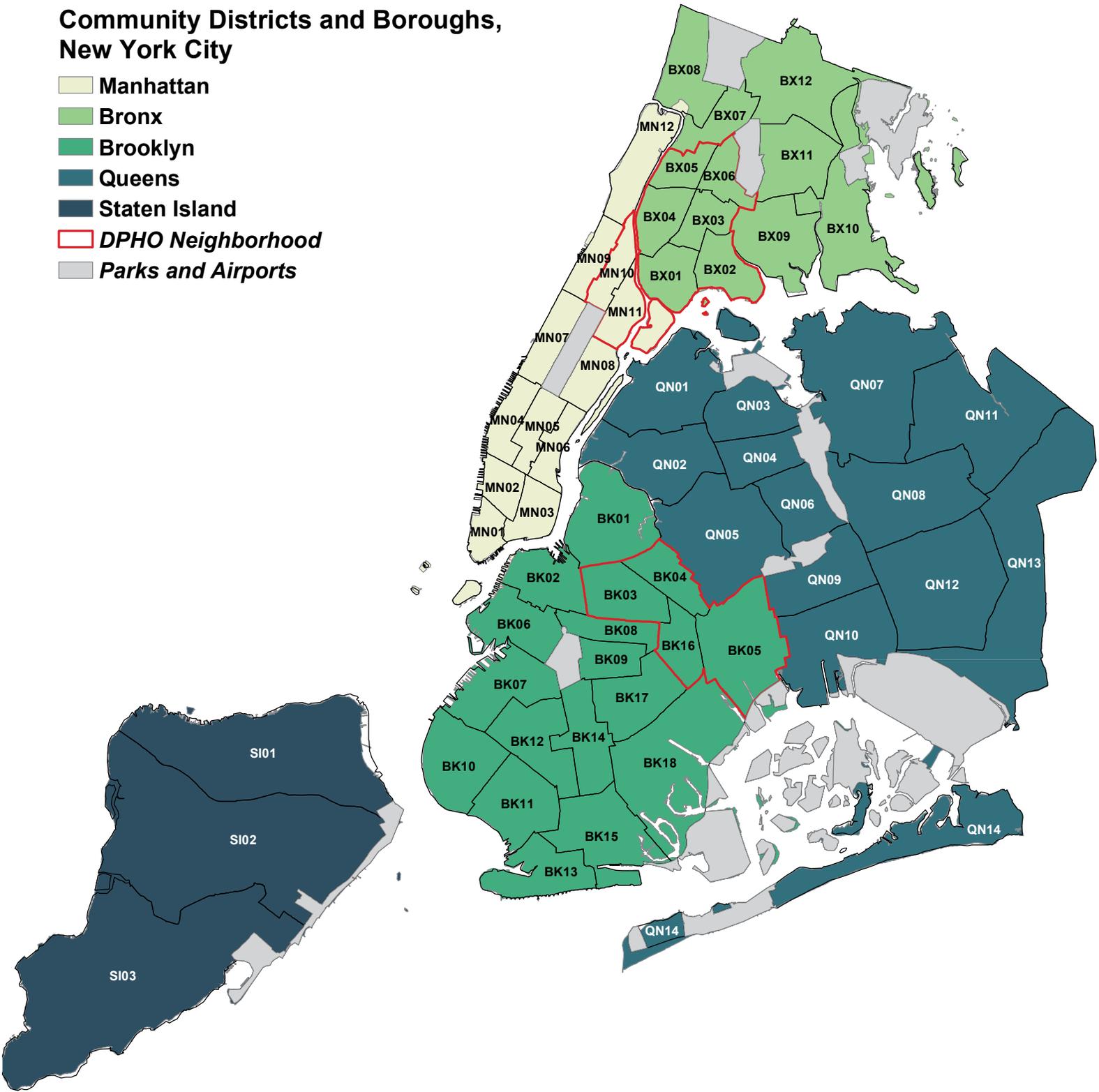
VITAL EVENT RATES

DEATH RATES

Death Rate, all causes per 1,000 population	Death Rate, specified causes per 100,000 population
$$\frac{Deaths\ All\ Causes}{Population} x1,000$$	$$\frac{Deaths\ due\ to\ Specific\ Cause\ (specified\ ICD10\ codes)}{Population} x100,000$$
Death Rate, age and sex specific per 1,000 population	Death Rate, age, sex and race-adjusted per 100,000 population
$$\frac{Deaths\ to\ persons\ of\ specified\ age\ group\ and\ sex}{Population, specified\ age\ group\ and\ sex} x1,000$$	The number of deaths per 100,000 US standard population. Age, sex and race/ethnicity specific death rates are applied to a standard population age distribution eliminating the effect of differences in population age composition, and allowing comparisons over time and between geographic areas.

Maternal Mortality Ratio – World Health Organization Definition (Appendix M13)
$$\frac{Deaths\ due\ to\ complications\ of\ pregnancy, childbirth\ and\ the\ puerperium\ occurring\ within\ 42\ days\ of\ delivery\ *}{Live\ births} x100,000$$
*Deaths of a woman while pregnant or within 42 days of termination of pregnancy from any cause related to or aggravated by pregnancy or its management (ICD10 codes: O00-O95, O98-O99, A34)
Perinatal Mortality Ratio
$$\frac{Fetal\ Deaths\ 28\ Weeks\ and\ Over + Infant\ Deaths\ Under\ 7\ days}{Fetal\ Deaths\ 28\ Weeks\ and\ Over + Live\ Births} x1,000$$

INFANT MORTALITY RATES

Infant Mortality Rate	Neonatal Mortality Rate
$$\frac{Deaths\ to\ infants < 1\ year\ old}{Number\ of\ live\ births} x1,000$$	$$\frac{Deaths\ to\ infants < 28\ days\ of\ life}{Number\ of\ live\ births} x1,000$$
Early Neonatal Mortality Rate	Late Neonatal Mortality Rate
$$\frac{Deaths\ to\ infants < 7\ days\ of\ life}{Number\ of\ live\ births} x1,000$$	$$\frac{Deaths\ to\ infants\ 7 - 27\ days\ of\ life}{Number\ of\ live\ births} x1,000$$

Infant deaths counted in the numerator and live births counted in the denominator are defined by the same calendar year. Some infants counted in the numerator were born in the preceding year and some counted in the denominator may die in the following year.

PREGNANCY OUTCOME RATES

Fertility Rate	Pregnancy Rate
$$\frac{Live\ births}{Female\ population\ aged\ 15 - 44\ years} x1,000$$	$$\frac{\Sigma\ (Births, Spontaneous, Induced\ Terminations)}{Female\ population\ of\ specific\ age\ group} x1,000$$

Birth Rates	
Total birth rate	Age-specific birth rate
$$\frac{Total\ births}{Total\ population\ regardless\ of\ age\ or\ sex} x1,000$$	$$\frac{Births\ among\ specific\ age\ group}{Female\ population\ of\ specific\ age\ group} x1,000$$

Total spontaneous termination rate	Age-specific spontaneous termination rate
$$\frac{Total\ spontaneous\ terminations}{Female\ population\ ages\ 15\ to\ 44\ years} x1,000$$	$$\frac{Spontaneous\ terminations\ among\ specific\ aged\ females}{Female\ population\ of\ specified\ age\ group} x1,000$$

Total induced termination of pregnancy rate	Age-specific induced termination of pregnancy rate
$\dfrac{Total\ induced\ terminations}{Female\ population\ ages\ 15\ to\ 44\ years} x 1{,}000$	$\dfrac{Induced\ terminations\ among\ specific\ aged\ females}{Female\ population\ of\ specified\ age\ group} x 1{,}000$

*Pregnancy Outcome Counts and Rates

Pregnancy outcome (birth, spontaneous termination, or induced termination) counts and rate numerators use the number of events to women of all ages. For example, the birth rate includes all births in a population, regardless of the mother's age. The denominator for these rates differs by event, consistent with national standards. The birth rate denominator is the number of males and females of all ages. The denominator for spontaneous or induced termination rates is the number of females ages 15-44 years. The counts and numerator used in age-specific pregnancy outcome rates for the youngest age category (teens 15-19), is the number of events to women in the population under age 20, relative to the denominator of women in the population ages 15 to 19 (Table 1. Pregnancy Outcomes Report). Similarly, the numerator of the oldest age category (40-49) includes events to all women in the population over the age of 40, relative to the denominator of women in the population ages 40-49. NYC first reported these age-specific rates in the 2011 Pregnancy Outcomes Report and applied a denominator of women in the population ages 40-49 as opposed to 40-44 due to the increased number of events occurring among women ages 45-49. The numerator used for the youngest age category for teen pregnancy outcomes (15-17 in Table PO10 Appendix A) is the number of events to women in the population under age 17, relative to the denominator or women in the population ages 15-17.

DEATHS

DEATH CERTIFICATE (see copies in back of Appendix B)

There are two forms, one for natural causes and one for medical examiner cases. The current revisions of the death certificate, implemented in 2003, is based on the recommended 2003 US Standard Certificate of Death http://www.cdc.gov/nchs/data/dvs/DEATH11-03final-ACC.pdf

- Natural cause practitioner certificates – Most deaths are due to natural causes.
- Medical examiner certificate of death – When the cause of death is an accident, homicide, suicide, or is unattended or due to certain other circumstances (approximately 15% of deaths), the New York City Office of the Chief Medical Examiner (OCME) completes the medical examiner certificate of death and supplementary report.

For natural cause certificates, the Electronic Vital Events Registration System's (EVERS) Electronic Death Registration System (EDRS) became available for voluntary use by hospitals in 2005. In January 2010, EDRS reporting became mandatory for medical examiner certificates. In April 2010, EDRS reporting became mandatory for hospitals reporting >25 deaths/year.

The two forms are similar. Both collect important information pertaining to the fact of death (person, place, and time of death). Both collect "personal particulars" which include items such as decedent's Social Security number, address, birth place, education, marital status, informant's information, and place of disposition. The personal particulars are typically provided by a family member of the decedent through the funeral home. Both collect cause of death, which is completed by the physician or a medical examiner. On the natural cause certificate, the cause of death is entered on the confidential medical report, the OCME certificate and on the death certificate itself. In addition to cause of death, the OCME certificate collects information on the circumstances of external causes of death. The OCME certificate indicates manner of death: natural, accident, homicide, suicide, or undetermined. The confidential medical report information is for the compilation of public health statistics and scientific purposes only.

DEATH REPORTING

The death events reported are based on certificates filed with the New York City Department of Health and Mental Hygiene (DOHMH) for vital events occurring in or in-route to New York City, regardless of individual residency status, in a particular year. Any events registered after file closure (typically occurring within 5 months of year-end) are excluded from this report. Such late registrations are rare.

Death certificates must be filed within 72 hours of death or finding the body. During 2013, 93% of death certificates were filed electronically using the Electronic Vital Events Registration System (EVERS). Additional information on EVERS is available at: www.nyc.gov/evers. Since the June 1993 revision of the death certificate, decedent race and ancestry information is reported by funeral directors.

DEATH RATES

See Vital Event Rates

TYPE OF PLACE OF DEATH

"Hospital" includes residential units and other special facilities within the hospital. "Nursing home" includes only sites licensed as Extended Care Facilities by New York State. "Home" refers to the decedent's residence, and includes private houses and apartments, group quarters for special populations, homes for adults, and other long-term residential sites.

CAUSE OF DEATH REPORTING

The cause of death on the death certificate is completed by a physician, medical examiner or, as of January 16, 2012, by a nurse practitioner. The clinician is required to provide the complete sequence of events and/or medical conditions leading to the death. These include the following:

immediate cause – the specific condition that directly preceded the death.

intermediate cause(s) – the significant condition(s) that preceded and gave rise to the immediate cause of death.

underlying cause – the disease or condition that set off the chain of events leading to death.

For further information on how cause of death should be documented, visit www.nyc.gov/evers.

CAUSE OF DEATH-QUALITY IMPROVEMENT INITIATIVE

The Office of Vital Statistics initiated a program to improve quality of cause of death data in 2009, affecting mortality trends. See the NYC Summary of Vital Statistics 2010, Special Section, for more information.

CAUSE OF DEATH CODING

Since 2008, the reported causes of death are coded using the NCHS automated coding software package SuperMICAR, which classifies conditions according to the International Classification of Diseases (ICD) published by the World Health Organization. A single underlying cause is assigned based on the reported chain of events leading to death. Standardized codes allow for national and international comparisons. Causes of death that cannot be coded by SuperMICAR are investigated and coded by nosologists.

Prior to 2007, a large proportion of accidental drug related deaths (X40-X42, X44) were miscoded as chronic drug use (F11-F16, F18-F19). For a full explanation, see the 2007 Annual Summary of Vital Statistics-Special Report: NYC Changes from Manual to Automated Cause of Death Coding, pages 73-75.

Table M1 is based on the NCHS List of 113 Selected Causes of Death. Some causes have been added to or dropped from these tables based on their number and importance in New York City.

Death trends across ICD code revision years may change as an artifact of the change in ICD codes and coding rules. These should be interpreted with caution.

COMPARABILITY RATIO

National comparability ratios, last updated in 2003, reflect discontinuities in trends for the cause of death when a new version of the ICD is implemented. They are presented in the Appendix A Table M1 to explain changes in following the implementation of the ICD-10 coding system in January 1999.

Comparability ratios measure the net effect of ICD-10 on each cause of death. NCHS determined the causes of death under ICD-10 and ICD-9 for more than 2.3 million 1996 US mortality records and calculated the ratio:

$$\frac{Deaths\ from\ cause\ ICD-10}{Deaths\ from\ cause\ ICD-9}$$

More information on the ICD-10/ICD-9 comparability ratio can be found at http://www.cdc.gov/nchs/nvss/mortality/comparability_icd.htm

SMOKING- AND ALCOHOL-ATTRIBUTABLE MORTALITY

Smoking- and alcohol-attributable deaths represent the number of New York City deaths attributed to exposure to smoking and alcohol respectively. These statistics were computed using similar methodologies.

SMOKING-ATTRIBUTABLE MORTALITY (SAM)

SAM was calculated using CDC's Adult SAMMEC (Smoking-Attributable Mortality, Morbidity, and Economic Costs) program using an attributable fraction formula. New York City sex-specific smoking prevalence was estimated from the New York City DOHMH Community Health Survey (CHS) and computed by the Bureau of Epidemiology. The relative risks (RR) of death for current and former smokers ≥ 35 years of age for 19 smoking-related diseases was estimated from American Cancer Society's Cancer Prevention Study. The smoking-attributable fraction (SAF) for each smoking-related disease and sex is calculated using the following formula:

$$SAF = [(p_0 + p_1(RR_1) + p_2(RR_2)) - 1] / [p_0 + p_1(RR_1) + p_2(RR_2)],$$

where p_0 is the percentage of adult never-smokers in New York City; p_1 is the percentage of adult current smokers in New York City; p_2 is the percentage of adult former-smokers in New York City; RR_1 is the relative risk of death for adult current smokers relative to adult never-smokers; and RR_2 is the relative risk of death for adult former-smokers relative to adult never-smokers.

To estimate the SAM, the age- and sex-specific SAFs are multiplied by the number of deaths for each smoking-related disease. Specifically, the number of deaths for each sex and 5-year age category was multiplied by the SAF:

$$SAM = Number\ of\ deaths \times SAF$$

Summing across age categories provides the sex-specific estimate of SAM for each disease. Total SAM is the sum of the sex-specific SAM estimates. A detailed description of the methodology is available at http://apps .nccd.cdc.gov/sammec.

Beginning 2014, substantial changes in SAM calculation were made based on 2014 Surgeon General Report using more age strata and using updated relative risks. Four new conditions were also added – colorectal cancer (C18-C20), liver cancer (C22), diabetes (E10-E14) and tuberculosis (A16-A19). In addition, C66 (cancer of ureter) to kidney cancer was added – this was inadvertently omitted when CDC analyses began being based on ICD-10 several years ago. See chapter 12 of 2014 Surgeon General Report at following link:

http://www.surgeongeneral.gov/library/reports/50-years-of-progress/sgr50-chap-12.pdf

ALCOHOL-ATTRIBUTABLE MORTALITY (Appendix A Table M14)

Alcohol-attributable deaths in Appendix A Table M14 represent the number of New York City deaths attributed to alcohol. Alcohol-attributable mortality (AAM) was calculated using the Alcohol-Related Disease Impact (ARDI) program using an alcohol-attributable fraction (AAF). For conditions that, by definition, are caused by alcohol use, the AAF was set equal to 1.0. For other conditions, especially injuries, ARDI directly estimated the AAF based on direct observations about the relationship between alcohol and a given health outcome. For most chronic conditions, the AAF was indirectly estimated using New York City alcohol prevalence data from the CHS combined with pooled risk estimates from large meta-analyses using the following formula:

$$AAF = [p(RR - 1)] / [1 + (p(RR - 1)]$$

where p is the percentage of New York City men and women age 20 years and older who consume alcohol at a specified level of average daily alcohol consumption within a given year, and RR is the likelihood of death from a particular condition at a specified level of average daily alcohol consumption. To estimate AAM, AAFs were multiplied by the number of New York City deaths for specific causes defined by the CDC's National Center for Chronic Disease Prevention and Health Promotion. Detailed description of the methodology is available at http://nccd.cdc.gov/DPH_ARDI/default/default.aspx.

Beginning in 2014, the cut points of average drinks per day to define alcohol consumption as "Low", "Medium", and "High" were revised slightly based on Ridolfo and Stevenson's study in 2001 and Bagnardi et al. study in 2001. See Alcohol Related Disease Impact (ARDI) Custom Data User Manual at the following link for details.

http://nccd.cdc.gov/DPH_ARDI/Info/ARDI_Custom_Data_User_Manual_2014.pdf

COMPLICATIONS OF MEDICAL AND SURGICAL CARE (Appendix A Table M22)

With the 10th revision of the ICD coding system, complications of medical and surgical care are no longer classified as accidents and are now shown separately from accidents.

DRUG-RELATED DEATHS

Two definitions of drug-related deaths are presented in this report. The first, "Mental and behavioral disorders due to the use of or poisoning by psychoactive substance excluding alcohol and tobacco" is based on NCHS standard cause of death definitions using underlying causes as a basis for categorizing deaths and presented among the leading causes of death. The second definition, "Accidental/unintentional Drug-related Overdose Deaths" is presented in the Executive Summaries of Summary of Vital Statistics, starting in 2009 and in 2012 Mortality Report.

Mental and behavioral disorders due to use of or accidental poisoning by psychoactive substance excluding alcohol and tobacco (2013 Mortality Tables 1-5, Figures 13-16, Appendix A Tables M1, M7-M12 and M26): also called "Use of or poisoning by psychoactive substance" or "Drug Use/Poisoning" combines underlying chronic drug-use ICD codes (F11-F16, F18-F19) and accidental (unintentional) drug-poisoning ICD-10 codes (X40-X42, X44) to estimate overall drug-related deaths. This definition is found in Mortality Tables 1-5 Figures 9-12, Appendix A Tables M1, M7-M12 and M26. "Accidental poisoning by psychoactive substances, excluding alcohol and tobacco," the "accidental" subset of underlying codes (X40-X42, X44) are reported in Appendix A Tables M1 and M18. "Mental and behavioral disorders due to the use of psychoactive substance excluding alcohol and tobacco," the "chronic" subset of underlying codes (F11-F16, F18-F19) is found in Appendix A Table M1. However, please use "accidental" (unintentional) and "chronic" subset trend data with caution as changes from manual to automated ICD coding resulted in a redistribution of chronic causes to acute in 2007 and going forward. For more information on coding error, please see Cause of Death Coding.

EXTERNAL CAUSES OF DEATH (2014 Mortality Figures 16-19; Appendix A Tables M18-M23)

External causes of death include accidents, suicide, assault, legal intervention, events of undetermined intent, operations of war and their sequelae, and complications of medical and surgical care. The Office of Chief Medical Examiner determines the cause and manner of death in such cases. For the purpose of statistical analysis, whether a cause is defined as external depends on the ICD code assigned as the underlying cause of death and may not agree with the manner of death reported.

Sometimes a cause of death has not been established when the statistical file is closed. Such deaths are classified as "pending final determination" and may later be classified.

Deaths classified as "events of undetermined intent" are considered due to external causes for the purpose of statistical analysis.

Information on errors in coding external causes of death prior to 2007 are described above: Cause of Death Coding.

FATAL OCCUPATIONAL INJURIES (2014 Appendix A Table M17)

Appendix A, Table M17 is based on US. Department of Labor's Bureau of Labor Statistics. These deaths, unlike NYC Vital statistics, are based on the location of the injury, regardless of the residence of the decedents or location of the death. Note that these deaths may or may not occur at the time of injury, they can occur subsequently. The industry in which the decedent worked and was injured is coded based on the North American Industry Classification System (NAICS). Comparisons by industry before and after 2003 are discouraged because of the substantial coding differences.

For all NYC occurring deaths due to external causes, the Bureau of Vital Statistics (BVS) reviews autopsy and other reports to determine if the injury occurred at work. Definitions and terminology are based on US Department of Labor's Bureau of Labor Statistics, which may differ from other definitions used in vital statistics.

HEART DISEASE DEATHS: See 2010 Mortality – Special Section: *Cause of Death Quality Improvement Initiative* for information on the initiative's impact on cause of death reporting, particularly heart disease reporting.

HIV AND AIDS MORTALITY (2014 Mortality Tables 2-3; Appendix A M16)

Beginning 1999, with the 10th revision of the ICD code, deaths due to HIV disease (ICD-10 codes B20-B24) are characterized by the resulting disease or condition, replacing AIDS and other HIV infections in ICD 9th revision.

HOMICIDE (2014 Mortality Figure 19; Appendix A Table M20)

A homicide is defined as the action of one person causing the death of another regardless of intent (e.g., whether self-defense or justifiable legal intervention). Annual counts of homicides reported by the New York City Police Department (NYPD) differ from those of the Bureau of Vital Statistics (BVS) for a number of reasons outlined below. Nonetheless, reported trends are similar. All homicides are medical examiner (ME) cases.

NYPD reports homicides as counts of Murder and Non-Negligent Manslaughter using rules and procedures from the Federal Bureau of Investigation's Uniform Crime Reporting System (UCR). The count includes deaths determined to be both criminal and satisfying the UCR guidelines. NYPD judges some homicides as justifiable and reports these separately to the FBI. BVS reports a death as a homicide based on the ICD-10 system. ICD-10 defines legal intervention as "including injuries inflicted by police or other law-enforcing agents ... in the course of arresting or attempting to arrest ... and other legal action." Since 2003, deaths from legal intervention have been reported separately in Appendix A, Tables M1 and M20 and are excluded from the homicide counts in Tables M11 and M12.

NYPD Murder and Non-Negligent Manslaughter statistics count all murder crimes known to have been committed in New York City regardless of where the death occurred. Note, the crime may or may not have occurred at the time of death; death can occur subsequently and therefore potentially in a different jurisdiction than the murder crime. BVS reports all homicide deaths known to have occurred in New York City regardless of where the crime was committed.

In its annual count, the NYPD includes homicides known to have occurred within that calendar year by the second week of January of the following year. Any death determined to be a criminal murder outside of that period will be counted in the year that the determination is made. BVS reports homicide by the date of the death and the annual count includes any cases reported until the file closes for the year (approximately 5 months after the end of the year).

Sometimes death results from a crime many years after the crime was committed. Other times, a death may be determined a crime years after the death. In either situation, the ME may determine the death a homicide. If classified as a criminal homicide, NYPD will count the death in the year that the determination is made. However BVS will report the homicide by the date of death. In cases where a death is reclassified a homicide after the file closes, the death will be recorded as a homicide on the death certificate, but this change will not be reflected in any counts of homicides for the year of death or any other years.

LIFE EXPECTANCY (2014 Mortality Figures 1-4; Appendix A Tables M24, M25)

Life expectancy tables summarize the effect of mortality rates prevailing at a specific time on persons being born or living at that time. Tables may be computed for population subgroups, most often males, females, and race groups. The calculation requires counts and mortality figures for the desired subgroups. Life expectancy is estimated by ethnic group instead of race to ascertain differences among Hispanics, non-Hispanic whites and non-Hispanic blacks. Life expectancy tables by race/ethnicity for New York City are generally presented for census years when accurate population data are available. The mortality experience for the census year, the year before, and the year after is used to smooth statistical variation (Table M24). Life expectancies in Figures 1-2 are calculated by complete life tables (for a single year of age). Life expectancies in Figures 3-4 are calculated by abridged life tables (age groups). The number of Asian and Pacific Islander deaths is too small to generate reliable life expectancies and therefore are not presented either in Mortality Figure 2 or Appendix A. Table M24.

The World Trade Center disaster deaths are not included in calculation of life expectancy.

Appendix A, Table M25 presents annual life expectancy by age and sex providing trend information. Annual life expectancy is estimated using single-year of age death data. Table M25 does not include life expectancy for 2014 because national data on deaths to New York City residents occurring outside of New York City are required and not yet available.

Historical Hispanic ancestry data and life expectancy estimates should be interpreted with caution. In addition to changes in collection of Hispanic ancestry information, Hispanic immigration patterns may result in overestimated life expectancy if Hispanics move out of the US before death at a greater rate than other ethnic groups. The Hispanic population tends to be younger than other ethnic groups, which may lead to underestimates of Hispanic death rates and overestimates of Hispanic life expectancy.

MATERNAL DEATH AND MATERNAL MORTALITY (Appendix A M13)

Deaths due to "Maternal Causes" meet the World Health Organization's definition of maternal mortality: "death of a woman while pregnant or within 42 days of termination of pregnancy from any cause related to or aggravated by the pregnancy or its management ...." With the 10th revision of the ICD coding system, this category includes codes O00-O95, O98-O99 and A34 (obstetrical tetanus). "Pregnancy, childbirth and the puerperium" (O00-O99) includes deaths to women that occur outside of the time limitation defined by the World Health Organization (WHO).

MOTOR VEHICLE DEATHS (2014 Mortality: Figure 17, Appendix A Table M18)

The Bureau of Vital Statistics (BVS) methodology for counting Motor Vehicle Deaths differs from that of the Department of Transportation (DOT) and NYPD in two ways. First, DOT and NYPD do not include deaths resulting from illness while operating a motor vehicle in their traffic fatality count, while BVS does, as this is the standardized NCHS approach. Second, in cases where serious injury suffered during a motor vehicle accident results in subsequent death (e.g., one month later) the fatality will be counted by DOT and NYPD for the month in which the accident occurred. However, BVS reports deaths by date of death.

PREMATURE DEATHS (2014 Mortality: Figures 9-15, Table 4; Appendix A Table M9-10)

Premature deaths are deaths that occur before a person reaches an expected age, for instance, age 65 or age 75. Premature death rates in the NYC Annual Summary of Vital Statistics use 65 as the expected age. The number of deaths or deaths by select cause(es) relative to the $\leq$65 population in the same geographic area result in the rate of premature deaths. In addition, see Years of Potential Life Lost (YPPL).

WORLD TRADE CENTER (WTC) DEATHS

Since 2008, any deaths during the reporting year identified as late-effect WTC deaths are counted in the year of the confirmed death report and in Appendix A, Table M1 under Assault (homicide): ICD-10 Code U02. The total number of WTC deaths is 2,752. The number does not include 3 deaths that occurred outside of NYC. Unless otherwise specified, WTC deaths occurring in 2001 are generally not included in Summary tables and figures due to the effect this large number would have on year-to-year trends.

YEARS OF POTENTIAL LIFE LOST (2014 Mortality Appendix A Table M26)

Years of potential life lost (YPLL) measures years lost due to premature death. In contrast to mortality measures, YPLL emphasizes the effect of premature mortality on a population. YPLL is often calculated using a cutoff age, 65 or 75, as follows:

YPLL = $\sum$ [(cutoff age - i)] x d_i

where i is the midpoint of the grouped year of age at death and d_i is the number of deaths at grouped year of age i. YPLL can be calculated for specified causes of death. In Table M26, age 75 is used as the cut off age and single year of age is used in calculation. Therefore i is single year of age younger than 75. See also Premature Deaths.

PREGNANCY OUTCOMES

BIRTHS

BIRTH CERTIFICATE (see copy in back of Appendix B)

The birth certificate comprises two parts: the certificate of birth and the confidential medical report of birth. The current revision of the birth certificate, implemented in 2008, is based on the recommended 2003 US Standard Certificate of Live Birth http://www.cdc.gov/nchs/data/dvs/birth11-03final-ACC.pdf. The 2008 revision coincided with the January 2008 electronic filing requirement.

The certificate of birth is the legal record. Each certificate is authenticated by the medical provider (physician or midwife) or his or her representative and filed with the New York City Department of Health and Mental Hygiene.

The confidential medical report, used for the compilation of public health statistics and scientific purposes, includes parents' demographic information, mother's prenatal history and care, information on financial coverage, maternal morbidity, labor and delivery, and condition and treatment of the infant during, and immediately after, birth. These data are collected from the mother, the mother's and infant's medical records, and medical providers.

BIRTH REPORTING

The birth events reported are based on certificates filed with the New York City Department of Health and Mental Hygiene (DOHMH) for vital events occurring in or in-route to New York City, regardless of individual residency status, in a particular year. Births must be filed within five business days of the event. Birth data are generally collected using two worksheets: mother/parent and facility worksheets. Guides for the completion of the birth certificate and data entry can be found at http://www.nyc.gov/evers. Effective January 2008, BVS requires all hospitals registering more than 100 births per year to use the Electronic Vital Events Registration System (EVERS). In 2013, more than 99% of all births were registered electronically through the Electronic Vital Events Registration System (EVERS). Any events registered after file closure (typically occurring within 5 months of year-end) are excluded from this report. Such late registrations are rare.

BIRTH RATES

See Vital Event Rates

DATA PRESENTATION

Starting with the 2007 summary, items with unknown/not stated values are excluded from the denominator when calculating percentages. This affects Appendix A Tables PO6, PO7, PO11, PO12 and Map PO Figure 11.

BREAST FEEDING

Breast feeding has been reported on the birth certificate since 2008. It includes infant feeding practices through the first 5 days of life. New York City births must be filed with the Department within five business days of the event.

PLACE OF BIRTH

Since 1996, home births in Appendix A Tables PO4 and PO5 include all events for which "Home" was selected as the "Type of Place" regardless of whether the certificate was filed through a hospital. Home births in Table PO1 include events for which "home" was selected as "Type of Place" and the certificate was not filed by an institution; typically, these events were filed by the person who attended to the birth at home.

Appendix A: Table PO1 describes the live births according to the borough in which the birth occurred. Prior to 2010, Table PO1 reported births according to the borough in which the reporting office was located. This primarily affects the frequency of "places other than a hospital or home" and "home births," which occur citywide but are frequently reported by the Bureau of Vital Statistics in Manhattan.

MOTHER'S MARITAL STATUS

The New York City DOHMH is prohibited by local law from recording mother's marital status on the record or report of birth. As a result, marital status is estimated and should be interpreted with caution. Since 1997, marital status is computed using the following algorithm: certificates without the father's name and those with the father's name that are accompanied by an Acknowledgment of Paternity are categorized as non-married; all others are categorized as married. Married parents have a right to have both their names on their child's birth certificate. This applies equally to married opposite-sex parents and same-sex parents. Some hospitals require proof of marriage. If the mother is not married, a father's name may be added through an Acknowledgment of Paternity or court order.

TEEN BIRTHS

See Age-specific birth rate under VITAL EVENT RATES, above.

GESTATIONAL AGE

Gestational age, or clinical estimate of gestation, is defined as the best obstetric estimate of the infant's gestation in completed weeks based on the birth attendant's final estimate of gestation. Characteristics of live births and/or infant deaths in the Appendix A, Tables PO4-PO7, PO11, and PO12, respectively, include either gestational age categories or a dichotomous indicator of preterm ($<$37 weeks gestation) birth.

Beginning 2007, the range for valid gestational age was changed from 20-44 weeks to 17-47 weeks.

SPONTANEOUS AND INDUCED TERMINATIONS OF PREGNANCY REPORTING

SPONTANEOUS TERMINATION OF PREGNANCY CERTIFICATE (see copy in back of Appendix B)

Like the birth certificate, the spontaneous termination of pregnancy certificate has two parts, the certificate and the confidential medical report. The certificate is available to the mother. The confidential medical report information is collected for the compilation of public health statistics and scientific purpose.

INDUCED TERMINATION OF PREGNANCY CERTIFICATE (see copy in back of Appendix B)

Induced termination of pregnancy certificates are not issued. Data are collected for the compilation of public health statistics and scientific purpose.

The spontaneous and induced termination of pregnancy events reported are based on certificates filed with the New York City Department of Health and Mental Hygiene (DOHMH) for vital events occurring in or in-route to New York City, regardless of individual residency status, in a particular year. By law, all terminations of pregnancy are to be reported within 5 business days of the event, unless a permit to dispose of the conceptus is required ($\geq$24 week gestation) or requested (any gestational age). In such a case, the event must be reported within 24 hours. However, the number of induced and spontaneous terminations filed depends to some extent on the outreach conducted by BVS. Effective January 1, 2011, all facilities that report births electronically to the Department pursuant to Public Health Law 203, are required to report spontaneous terminations electronically via the Electronic Vital Events Registration System (EVERS); the Chief Medical Examiner and all facilities reporting 100 or more induced terminations of pregnancy per year also are required to file electronically via EVERS; all facilities that have commenced reporting electronically, regardless of number of events reported are required to do so electronically. In 2011, 99.8% of induced terminations of pregnancy and 99.7% of spontaneous terminations of pregnancy were filed electronically. Otherwise, paper forms, authorized by the department may be used for reporting such events.

SPONTANEOUS AND INDUCED TERMINATION OF PREGNANCY RATES

See Vital Event Rates

TECHNICAL NOTES, 2014

HISTORICAL TECHNICAL NOTES

POPULATION		
Technical Note Section	Description	Summary Year Affected
	Tables and figures with 2013 data use intercensal population estimates determined by Census Bureau in 2013 vintage file. Tables and figures with 2001-2012 data use intercensal population estimates determined by Census Bureau released as of September 2012.	2011, 2012
	Tables and figures with single-year data use 2010 Census population count. Tables and figures with 2001-2010 data use intercensal population estimates determined by NYC Department of City Planning as of July 1, 2010.	2010
	The 2007-2009 Annual Summaries used the respective year's pre-challenged US Census Bureau's population estimates. As a result, city and borough-wide estimates overall and by age, ethnicity and sex may vary from those presented in prior summaries.	2007-2009
	The 2005-2006 Annual Summaries used post 2000 census estimates for citywide, county (borough), 5-year age group, ethnic group and sex population counts. The Summary year population counts used pre-challenged census estimates; prior year population counts presented in the Summaries used post-challenged census estimates in addition to Census 2000 data.	2005-2006
	Population counts used US Census citywide decennial population counts.	2000–2004
	Intercensal counts were estimated using an exponential formula, which assumes that the growth rate was the same throughout the decade: $$\frac{pop(t1)}{pop(t0)} = ert$$ (where r is a constant growth rate and t is the time interval).	Intercensal years between 1990 and 2000
	Intercensal counts were estimated using a linear interpolation.	Intercensal years through 1989
	The population counts for years 1960, 1970, 1980, 1990 and 2000 were US Census counts.	1960, 1970, 1980, 1990, 2000
Community District	Community District population estimates for 2013 were based on Census intercensal estimates by county, age, race, and sex, 2013 vintage, and interpolated by Bureau of Epi Services. See following description of 2012 data for details.	2013

Community District	Community District population estimates for the year 2010-2012 are based on population estimates from 2010 to 2012. Census intercensal estimates by county, age, race, and sex. The 2010 number is adjusted to account for undercount in Brooklyn and Queens as documented by the Department of City Planning. To calculate individual year's Community District estimates beginning with July 1st, 2000, an interpolation by Community District, age, race, and sex was adjusted to the county, age, race, and sex numbers using an iterative proportional fitting procedure. Each year through 2009 was constructed from an interpolation based on the previous year, the modified Census 2010, and the intercensal numbers for that year. The July 1st, 2010 numbers were then extrapolated using July 1st, 2009 and Census 2010 and then adjusted to the July 1st intercensal numbers. These estimates differ from the 2001-2011 estimates used in the 2010 and 2011 Summary because the 2010 and 2011 Summary estimates were adjusted to official intercensal estimates consistent with Census 2010 released in October 2012.	2012
	Community District population estimates for the years 2000-2010 use population estimates from Census 2000 and Census 2010 and the official Census intercensal estimates by county, age, race, and sex. To calculate individual year's Community District estimates beginning with July 1st, 2000, an interpolation by Community District, age, race, and sex was adjusted to the county, age, race, and sex numbers using an iterative proportional fitting procedure. Each year through 2009 was constructed from an interpolation based on the previous year and Census 2010. The July 1st, 2010 numbers were then extrapolated using July 1st, 2009 and Census 2010 and then adjusted to the July 1st intercensal numbers. These estimates differ from the 2000-2010 estimates used in the 2010 Summary because they are adjusted to official intercensal estimates consistent with Census 2010 released in October 2012.	2011
	Community district population estimates by sex and 18 age groups were derived by the New York City Department of City Planning. For community district data by race/ethnicity and 22 age groups for the same period, DOHMH Bureau of Epi Services constructed estimates from the Department of City Planning data and available Census 2000 and 2010 data, ensuring consistency with marginal totals from the Census Intercensal Estimates program. Postcensal estimates as well as the official 2010 modified race summary files were used. Because the 2010 modified race summary file was not available from the Census for single-year age by modified race groups, DOHMH used Census summary file 1 and adjusted the dataset to match the Census modified race summary file. To create the modified race groups, the "some other race" group was removed and race is imputed. While the modified race summary file created by the Census used information from other members of the same household, the DOHMH used race information from the corresponding Census tract. The race distribution was then modified to match the 2010 modified race summary file.	2010

	Community District population estimates for intercensal years use United States Census Bureau Population Estimate Program and housing unit data from the New York City Department of City Planning. The "housing unit method" of estimation allocates the population to Community Districts. The method multiplies the estimated number of households in a given area by an estimate of the population per household. In the intercensal context, housing unit growth, measured by housing permit data, determines the locations of growth. Because these estimates are calibrated to equal United States Census-borough-specific population totals, the borough population per household is fixed. New population estimate are derived using the iterative proportional fitting procedure (IPFP) implemented in SAS® Version 9.2. The validity of these estimates depends on vacancy rates, housing unit loss rates, percentage of permits actually constructed, and time to complete construction, which are assumed consistent at the borough level and thus have no effect on the allocation of growth. The method is sensitive to the quality of the housing permit data, which does not identify residential conversions to multiple units. Demographic characteristics are allocated assuming those at the location of growth. Therefore, this approach does not capture intercensal demographic changes at the neighborhood level including change due to migration.	2008-2009
Health Center District	Year 2000 census counts were used for defining smaller geographic units such as Community Districts or single-year age groups.	2005-2006
	Population estimates for Health Center District (HCD) were not computed in time for the release of 2008 report and have not been presented since 2007. As a result, Health Center District tables were either replaced (Table 7) or did not present rates (Table 34).	Through 2007
	Health Center district data were presented in Summary Reports. Populations for geographic area smaller than borough were based on decennial census data.	Through 2007
Race/Ethnic Group	Census data were used to define race and ethnic distribution; in 2002, the Census Bureau issued the modified Race File resulting in a 65% reduction in Other and Multiple Race, a 6% increase in Asian and Pacific Islander, and 3% increases for non-Hispanic white and non-Hispanic black. There was no change for Hispanic population.	2000-2001
DEMOGRAPHIC CHARACTERISTICS OF VITAL EVENTS		
Race, Ancestry and Ethnic Group	The death certificate allowed the selection of one race category	Through 2002
	The birth certificate allowed the selection of one race category.	Through 2007
	The meaning of ancestry was clarified with hospitals, resulting in a notable increase in Hebrew and Jewish ancestry and a decrease in American ancestry.	1999

Birthplace	Mother's birthplace was reported in four categories: United States other than Puerto Rico, Puerto Rico, Foreign and Not Stated. US Virgin Islands and Guam are included in the "Foreign" category.	1991-2006
	Decedent's birthplace was first reported by country in 2000. US Virgin Islands and Guam were included in the "Other" category.	2000 - 2006

GEOGRAPHICAL UNITS

Community District	Community districts were referred to by number through 2002 and by name after.	Prior to 2003
Place of Birth	Through 1995, all reports of home births included only events filed outside the hospital.	Through 1995

DEATHS

Death Reporting	Medical certifier provided race and ancestry information.	Through 1992
Race/Ethnicity	The death certificate was revised in June 1993 to require funeral directors to provide ancestry information, presumably from decedents' family members.	1993 - present
	Medical certifier provided ancestry information.	Through 1992
Cause of Death Coding	ICD-coding was conducted manually by an NCHS certified nosologist.	Through 2006
Alcohol-related Deaths: ICD Coding	Following increasing deaths due to binge drinking, the ICD codes for alcohol-related deaths were reevaluated by the World Health Organization's Mortality Reference Group and coding was implemented in 2008. Core changes included recoding acute alcoholism, previously coded as F10.2, to X45 (alcohol poisoning) and retiring F100 and going forward coding such cases as X45. This resulted in an increase in alcohol liver disease and alcohol poisoning and a decrease in alcohol dependence syndrome. A subsequent decrease in alcohol liver disease between 2008 and 2009 is, in part, a result of further corrections to coding applied in 2009. Similar changes are seen in US data.	2008 - present
HIV and AIDS	In 1987, NCHS introduced code 042 for AIDS and 043-044 for other HIV disease deaths. Additional information on historical HIV coding can be found in the 1997 and 1998 Annual Summaries.	1987 to 1999
	AIDS was recognized as a cause of death and coded as ICD-9 code 279.1.	1983 to 1986
External Causes	External Causes were not shown separately.	Through 1999
Drug-related Deaths: ICD Coding	Through 2006, a large proportion of accidental drug related deaths (X40-X42, X44) were miscoded as chronic drug use (F11-F16, F18- F19). For a full explanation, please see the 2007 Annual Summary of Vital Statistics-Special Report: NYC Changes from Manual to Automated Cause of death Coding, pg 73-75. NCHS coded data is often substituted when presenting external causes of death trends that span 2006 to 2007.	Through 2006
Maternal Deaths and Maternal Mortality	Currently labeled "Maternal deaths" were "Complications of pregnancy, childbirth and the puerperium" through 1998.	Through 1998

Accidents (Unintentional)	The site of accidents (home and public place) has been dropped due to unreliable reporting.	Through 1998
	Complications of medical care and surgical care were classified as accidents per ICD-9.	Through 1999
Smoking-Attributable Mortality (SAM)	SAM was calculated using CDC's Adult SAMMEC (Smoking-Attributable Mortality, Morbidity, and Economic Costs) program using an attributable fraction formula. New York City sex-specific smoking prevalence was estimated from the New York City DOHMH Community Health Survey (CHS) and computed by the Bureau of Epidemiology. The relative risks (RR) of death for current and former smokers ≥ 35 years of age for 19 smoking-related diseases were estimated from the American Cancer Society's Cancer Prevention Study. The smoking-attributable fraction (SAF) for each smoking-related disease and sex is calculated using the following formula: $$SAF = [(p_0 + p_1(RR_1) + p_2(RR_2)) - 1] / [p_0 + p_1(RR_1) + p_2(RR_2)],$$ Where p_0 is the percentage of adult never-smokers in New York City; p_1 is the percentage of adult current smokers in New York City; p_2 is the percentage of adult former smokers in New York City; RR_1 is the relative risk of death for adult current smokers relative to adult never-smokers; and the RR_2 is the relative risk of death for adult former-smokers relative to adult never-smokers. To estimate the SAM, the age- and sex-specific SAFs are multiplied by the number of deaths for each smoking-related disease. Specifically, the number of deaths for each sex and 5-year age category was multiplied by the SAF: $$SAM = Number\ of\ deaths\ x\ SAF$$ Summing across age categories provides the sex-specific estimate of SAM for each disease. Total SAM is the sum of the sex-specific SAM estimates. A detailed description of the methodology is available at http://apps .nccd.cdc.gov/sammec.	Through 2010, 2013
World Trade Center Deaths	See Technical Notes, 2009 regarding late effect WTC-deaths.	2008-present
	In 2007, a 2002 death was reclassified as a WTC death. In 2008, a 2001 death was reclassified as a 2001 WTC death. In 2008, a missing person was classified as a 2001 WTC death per New York State Supreme Court.	2007, 2008
	In 2002, the number of WTC deaths included in 2001 deaths was updated from 2,740 to 2,749. This new number included six additional death certificates filed through October 31, 2003 and three deaths that occurred outside of New York City (See 2002 Special Section for details).	2002
Fatal Occupational Injuries	The industry in which the decedent worked and was injured was coded based on the Standard Industrial Classification (SIC).	Through 2002
World Trade Center Deaths and Life Expectancy	Impact of World Trade Center deaths on life expectancy.	2002 (Special Section)

BIRTHS		
Age-specific Birth Rates	Until, 2011, youngest and oldest age-specific birth rates included events within the specific age range (e.g. age-specific birth rates to females 15 to 19 include births to females in that age group. Age-specific births to females 15-17 include births to females in that age group. See current technical notes for change in 2011.	Through 2010
Age-specific Birth Rates	Until 2011, the oldest age-specific birth rate presented was 40 to 44. See current technical notes for change in 2011.	Through 2010
Trimester of First Prenatal Care Visit (Late or no Prenatal care).	Following the 2008 transition to EVERS, the magnitude of births registered without information used to calculate Trimester of First Prenatal Care Visit was great and data were suppressed. By 2010 reporting improved such that data could be released and included in the Summary.	2008-2009
Ancestry, Other	Following the 2008 transition to EVERS, the number of births registered with an "other" or unknown ancestry increased.	2008-2010
Mother's Marital Status	Mother's Marital Status was computed using an algorithm developed by NCHS. A 1996 review of marital status indicated that the number of non-marital births was being overestimated. See Special Note on Mother's Marital Status in the 1997 Annual Summary for details.	Through 1996
2008 Revised NYC Birth Certificate	For comprehensive information on the 2008 revision of the NYC birth certificate, please see the Technical Notes from the 2008 Summary of Vital Statistics http://www.nyc.gov/html/doh/downloads/pdf/vs/2008sum.pdf.	2008
INDUCED AND SPONTANEOUS TERMINATION OF PREGNANCY		
Reporting	Induced and spontaneous terminations of pregnancies registered after the annual file closed were added to the following year's data.	Through 2007

VR-6S
(Rev. 12/09)

DATE FILED

THE CITY OF NEW YORK – DEPARTMENT OF HEALTH AND MENTAL HYGIENE

CERTIFICATE OF BIRTH

CERTIFICATE NO.

THIS CERTIFICATE NOT VALID UNLESS FILED IN THE DEPARTMENT OF HEALTH AND MENTAL HYGIENE
Typewrite or print with black fine point ink. Certificates containing alterations or omissions are unacceptable.

Please complete the following:
Has parent approved assignment of SSN for child?

YES ☐   NO ☐

Father/Parent's SSN: _____

Mother/Parent's SSN: _____

Cert. No. _____

Place: _____

Died: Date: _____

1. NAME OF CHILD	(First, Middle, Last)

2. SEX	3a. NUMBER DELIVERED of this pregnancy	4a. DATE OF CHILD'S BIRTH	*(Month)* *(Day)* *(Year - yyyy)*	4b. TIME	☐ AM
	3b. If more than one, number of this child in order of delivery				☐ PM

5. PLACE OF BIRTH	5a. NEW YORK CITY BOROUGH	5b. Name of Hospital or other facility (if not facility, street address)

5c. TYPE OF PLACE
☐ Hospital   ☐ Freestanding Birthing Center   ☐ Clinic/Doctor's Office   ☐ Home Delivery: Planned to deliver at home?   ☐ Yes ☐ No ☐ Unknown
☐ Other-specify: _____

6a. MOTHER/PARENT'S NAME (Prior to first marriage) (First, Middle, Last) SEX ___M ___F	6b. MOTHER/PARENT'S DATE OF BIRTH *(Month)* *(Day)* *(Year - yyyy)*	6c. MOTHER/PARENT'S BIRTHPLACE City & State or foreign country

7. MOTHER/PARENT'S USUAL RESIDENCE a. State b. County	7c. City or town	7d. Street and number	Apt. No.	ZIP Code	7e. Inside city limits of 7c? Yes ☐ No ☐

8a. FATHER/PARENT'S NAME (Prior to first marriage) (First, Middle, Last) SEX ___M ___F	8b. FATHER/PARENT'S DATE OF BIRTH *(Month)* *(Day)* *(Year - yyyy)*	8c. FATHER/PARENT'S BIRTHPLACE City & State or foreign country

9a. NAME OF ATTENDANT AT DELIVERY   ☐ M.D. ☐ RPA   ☐ D.O. ☐ R.N.   ☐ Lic. Midwife   ☐ Other-Specify _____

9b. I CERTIFY THAT THIS CHILD WAS BORN ALIVE AT THE PLACE, DATE AND TIME GIVEN   ☐ M.D. ☐ RPA   ☐ D.O. ☐ R.N.   ☐ Hosp. Admin.   ☐ Lic. Midwife   ☐ Other-Specify _____

Signed _____

Name of Signer _____
(Type or Print)

Address _____

Date Signed _____ , Year - yyyy _____

Mother/Parent's Current (First, Middle, Last)
Legal
Name _____

Address _____ Apt. _____

City _____ State _____ ZIP _____

THE CITY OF NEW YORK – DEPARTMENT OF HEALTH AND MENTAL HYGIENE

(Each question MUST be answered)

CONFIDENTIAL MEDICAL REPORT OF BIRTH (1 of 2)

Only for scientific purposes approved by the Commissioner. Not open to inspection or subject to compelled disclosure.

NAME OF CHILD _____

CHILD'S MEDICAL RECORD NO. _____

CERTIFICATE NO. _____

MOTHER'S/PARENT'S MEDICAL RECORD NO. _____

MOTHER'S/PARENT'S TELEPHONE NUMBERS: Day ( ) _____ Evening ( ) _____

10. PARENT'S RACE

Race as defined by the U.S. Census
(Check **one or more** to indicate what the parent considers her/himself to be)

a. Mother/Parent   **b. Father/Parent**

☐ ....White .... ☐
☐ ....Black or African American .... ☐
☐ ....American Indian or Alaska Native .... ☐

Name of enrolled or principal tribe

_____   _____
(Mother/Parent)   *(Father/Parent)*

☐ ....Asian Indian .... ☐
☐ ....Chinese .... ☐
☐ ....Filipino .... ☐
☐ ....Japanese .... ☐
☐ ....Korean .... ☐
☐ ....Vietnamese.............................. ☐
☐ ....Other Asian............................... ☐

Specify

_____   _____
(Mother/Parent)   *(Father/Parent)*

☐ ....Native Hawaiian .... ☐
☐ ....Guamanian or Chamorro .... ☐
☐ ....Samoan .... ☐
☐ ....Other Pacific Islander .... ☐

Specify

_____   _____
(Mother/Parent)   *(Father/Parent)*

☐ ....Other.. ☐

Specify

_____   _____
(Mother/Parent)   *(Father/Parent)*

11. PARENT'S ANCESTRY

(Check **one** box and specify what the parent considers her/himself to be)

a. Mother/Parent   **b. Father/Parent**

Hispanic (Mexican, Puerto Rican,
☐ ....Cuban, Dominican, etc.) . . . . ☐

Specify

_____   _____
(Mother/Parent)   *(Father/Parent)*

NOT Hispanic (Italian, African American,
Haitian, Pakistani, Ukranian,
☐ ....Nigerian, Taiwanese, etc.) . . . . ☐

Specify

_____   _____
(Mother/Parent)   *(Father/Parent)*

12. PARENT'S LENGTH OF TIME IN US

a. Mother/Parent: If born outside of the United States, how long lived in U.S.?
years _____ **or** if < 1 yr, months _____

b. Father/Parent: If born outside of the United States, how long lived in U.S.?
years _____ **or** if < 1 yr, months _____

13. PARENT'S EDUCATION

(Check the box that best describes the highest degree or level of school completed at time of delivery)

a. Mother/Parent   **b. Father/Parent**

☐ ....8th grade or less; none............................ ☐
☐ ....9th-12th grade, no diploma .... ☐
☐ ....High school graduate or GED...................... ☐
☐ ....Some college credit, but no degree .... ☐
☐ ....Associate degree (e.g., AA, AS)................... ☐
☐ ....Bachelor's degree (e.g., BA, AB, BS)............... ☐
☐ .....Master's degree (e.g., MA, MS, MEng, ... ☐
MEd, MSW, MBA)
☐ ....Doctorate (e.g., PhD, EdD)........................ ☐
or Professional degree (e.g., MD, DDS,
DVM, LLB, JD)

14. PARENT'S OCCUPATION

Yes No

a. Was mother/parent employed during pregnancy? ☐ ☐

	1. Current/most recent occupation	2. Kind of business or industry
b. Mother/Parent		
c. Father/Parent		

15. PRENATAL HISTORY

a. 1. Total Number of Previous Live Births _____ ☐ None

2. Number Born Alive and Now Living _____ ☐ None

3. Number Born Alive and Now Dead _____ ☐ None

b. Those born alive may have been Preterm, Low Birth Weight or both. Please indicate:

1. Number Preterm (< 37 wks.) _____ ☐ None

2. Number Low Birth Weight (< 2500 grams or 5 lbs. 8 oz.) _____ ☐ None

c. 1. Total Number of other Pregnancy Outcomes (Spontaneous or Induced Terminations): _____ ☐ None

2. Number of Spontaneous Terminations of Pregnancy less than 20 Weeks _____ ☐ None

3. Number of Spontaneous Terminations of Pregnancy 20 Weeks or More _____ ☐ None

4. Number of Induced Terminations of Pregnancy _____ ☐ None

d. Date of First Live Birth (mm/yyyy) _____/_____

e. Date of Last Live Birth (mm/yyyy) _____/_____

f. Date of Last other Pregnancy Outcome (mm/yyyy) _____/_____

g. Date Last Normal Menses began (mm/dd/yyyy) ____/____/____

16. PRENATAL CARE

a. Total Number of Prenatal Visits for this Pregnancy
☐ None _____

b. Date of First Prenatal Care Visit
(mm/dd/yyyy) ____/____/____

c. Date of Last Prenatal Care Visit
(mm/dd/yyyy) ____/____/____

d. Primary Prenatal Care Provider Type
(Check **one**)

☐ MD/DO   ☐ No Provider
☐ C(N)M/NP/PA/Other Midwife   ☐ No Information
☐ Clinic   ☐ Other

e. Risk Factors in this Pregnancy
(Check **all** that apply)

☐ Pre-pregnancy diabetes
☐ Gestational diabetes
☐ Pre-pregnancy hypertension
☐ Gestational hypertension
☐ Cardiac disease:
  ☐ Structural defect
  ☐ Functional defect
☐ Other serious chronic illness
☐ Anemia (Hct.<30/Hgb.<10)
☐ Asthma/Acute or chronic lung disease
☐ Rh sensitization
☐ Polyhydramnios
☐ Oligohydramnios
☐ Hemoglobinopathy
☐ Abruptio placenta
☐ Eclampsia
☐ Other previous poor pregnancy outcome
☐ Prelabor referral for high risk care
☐ Other vaginal bleeding
☐ Previous cesarean section: Number _____
☐ Infertility treatment:
  ☐ Fertility drugs, artificial/intrauterine insemination
  ☐ Assisted reproductive technology (e.g., IVF, GIFT)
  Number of embryos implanted (if applicable) _____
☐ Fetal reduction
☐ None of the above

f. Infections Present and/or Treated During Pregnancy
(Check **all** that apply)

☐ Gonorrhea   ☐ Hepatitis C
☐ Syphilis   ☐ Tuberculosis
☐ Herpes Simplex (HSV)   ☐ Rubella
☐ Chlamydia   ☐ Bacterial Vaginosis
☐ Hepatitis B   ☐ None of the above

g. 1. Cigarette Smoking in the 3 Months Before or During Pregnancy?

☐ Yes ☐ No

If Yes, Average Number of Cigarettes or Packs/Day (enter 0 if None)

Cigarettes **or** Packs/Day

2. 3 mo. before pregnancy _____ **or** _____

3. First 3 mo. of pregnancy _____ **or** _____

4. Second 3 mo. of pregnancy _____ **or** _____

5. Third trimester of pregnancy _____ **or** _____

h. Alcohol Use During This Pregnancy?

☐ Yes ☐ No

i. Illicit and other Drugs Used During This Pregnancy?

☐ Yes ☐ No

If yes, check **all** that apply

☐ Heroin   ☐ Marijuana
☐ Cocaine   ☐ Sedatives
☐ Methadone   ☐ Tranquilizers
☐ Methamphetamine   ☐ Anticonvulsants

j. Mother/Parent Pre-Pregnancy Weight _____ pounds

k. Mother/Parent Height _____ feet _____ inches

l. Obstetric Procedures
(Check **all** that apply)

☐ Cervical cerclage   ☐ Fetal genetic testing
☐ Tocolysis   ☐ None of the above
☐ External cephalic version:
  ☐ Successful
  ☐ Failed

m. If woman was 35 or over, was fetal genetic testing offered?

☐ Yes ☐ No, Too Late ☐ No, Other Reason

17. FINANCIAL COVERAGE

a. Primary Payor
(Check **one**)

☐ Medicaid/Family Health Plus   ☐ Other
☐ Private Insurance   ☐ Self-pay
☐ Other govt/CHPlusB   ☐ Unknown
☐ CHAMPUS/TRICARE

b. Is the mother/parent enrolled in an HMO or other managed care plan?

☐ Yes ☐ No

c. Did mother/parent participate in WIC?

☐ Yes ☐ No

18. MATERNAL MORBIDITY

(Check **all** that apply)

☐ Maternal transfusion
☐ Perineal laceration (3rd or 4th degree)
☐ Ruptured uterus
☐ Unplanned hysterectomy
☐ Admit to ICU
☐ Unplanned operating room procedure following delivery
☐ Hemorrhage
☐ Postpartum transfer to a higher level of care
☐ None of the above

VR-6S
(Rev. 12/09)
THE CITY OF NEW YORK – DEPARTMENT OF HEALTH AND MENTAL HYGIENE
(Each question MUST be answered)
CONFIDENTIAL MEDICAL REPORT OF BIRTH (2 of 2)
Only for scientific purposes approved by the Commissioner. Not open to inspection or subject to compelled disclosure.

NAME OF CHILD _____

CERTIFICATE NO. _____

19. LABOR AND DELIVERY

a. If birth occured in hospital, was mother/parent transferred in before giving birth?

If yes, name of facility transferred from

☐ Yes _____

☐ No

b. Mother/Parent Weight at Delivery

_____ pounds

c. Onset of Labor
(Check **all** that apply)

☐ Prolonged rupture of membranes (12 hours or more) ☐ Prolonged labor (20 hours or more)

☐ Premature rupture of membranes (prior to labor) ☐ None of the above

☐ Precipitous labor (less than 3 hours)

d. Characteristics of Labor & Delivery
(Check **all** that apply)

☐ Induction of Labor-AROM ☐ Chorioamnionitis
☐ Induction of Labor-Medicinal ☐ Febrile (>100.4F or 38C)
☐ Augmentation of Labor ☐ Meconium staining
☐ Placenta previa ☐ Fetal intolerance
☐ Other excessive bleeding ☐ External electronic fetal monitor
☐ Steroids ☐ Internal electronic fetal monitor
☐ Antibiotics ☐ None of the above

e. 1. Anesthesia
(Check **all** that apply)

☐ Epidural ☐ Paracervical
☐ General inhalation ☐ Pudendal
☐ General intravenous ☐ Local
☐ Spinal ☐ None of the above

2. Complications from any of the above?

☐ Yes ☐ No

Method of Delivery

f. Fetal Presentation at Birth

☐ Cephalic ☐ Other
☐ Breech

g. Final route and method of delivery (Check **one**)

☐ Vaginal/Spontaneous ☐ Vaginal/Vacuum
☐ Vaginal/Forceps ☐ Cesarean

1. If cesarean, was trial of labor attempted?

☐ Yes ☐ No

2. Indications for C-Section ☐ Unknown
(Select **all** that apply)

☐ Failure to progress ☐ Maternal condition-not pregnancy related
☐ Malpresentation ☐ Maternal condition-pregnancy related
☐ Previous C-Section ☐ Refused VBAC
☐ Fetus at risk/NFS ☐ Elective
 ☐ Other

3. Was delivery with forceps attempted but unsuccessful?

☐ Yes ☐ No

4. Indications for Forceps ☐ Unknown
(Select **all** that apply) ☐ Fetus at Risk
☐ Failure to progress ☐ Other

5. Was delivery with vacuum extraction attempted but unsuccessful?

☐ Yes ☐ No

6. Indications for Vacuum ☐ Unknown
(Select **all** that apply) ☐ Fetus at Risk
☐ Failure to progress ☐ Other

h. Other Procedures Performed at Delivery (Check **all** that apply)

☐ Episiotomy & repair ☐ Repair of lacerations
☐ Sterilization ☐ None of the above

20. INFANT

a. Birthweight

_____ _____ **or** _____
Pounds Ounces Grams

b. If birth weight < 1250 grams (2 lbs. 12 oz.), reason(s) for delivery at a less than level III hospital: (*Only if applicable*)

☐ None ☐ Unknown at this time
(Select **all** that apply)
☐ Rapid/Advanced Labor ☐ Severe pre-eclampsia
☐ Bleeding ☐ Woman Refused Transfer
☐ Fetus at Risk ☐ Other-*specify* _____

c. Apgar Score at

1. 1 minute **2.** 5 minutes **3.** 10 minutes

_____ _____ _____

d. Clinical Estimate of Gestation

Completed Weeks: _____

e. Infant Transferred

Within 24 hours of Delivery ☐ After 24 hours ☐ Not Transferred ☐

f. If transferred, name of facility transferred to:

_____

g. Abnormal Conditions of the Newborn
(Check **all** that apply)

☐ Assisted ventilation required immediately following delivery
☐ Assisted ventilation required for more than six hours
☐ NICU admission
☐ Newborn given surfactant replacement therapy
☐ Antibiotics received by the newborn for suspected neonatal sepsis
☐ Seizure or serious neurologic dysfunction
☐ Significant birth injury (skeletal fracture(s), peripheral nerve injury, and/or soft tissue/solid organ hemorrhage which requires intervention)
☐ None of the above

h. Hepatitis B Inoculation

1. Immunization administered?
☐ Yes Date: (mm/dd/yyyy) ____/____/_____
☐ No

2. Immunoglobulin administered?
☐ Yes Date: (mm/dd/yyyy) ____/____/_____
☐ No

i. Is infant living at time of report?

☐ Yes ☐ No

j. How is infant being fed? (Check **one**)

☐ Breast milk ☐ Both
☐ Formula ☐ Neither

Congenital Anomalies

k. Select all that apply	l. Diagnosed Prenatally?		m. If Yes, please indicate all methods used:
	Yes / No	Yes / No	
1. Anencephaly	☐ ☐	☐ ☐	☐ Level II Ultrasound ☐ MSAFP/Triple Screen ☐ Amniocentesis ☐ Other ☐ Unknown
2. Meningomyelocele/ Spina Bifida	☐ ☐	☐ ☐	☐ Level II Ultrasound ☐ MSAFP/Triple Screen ☐ Amniocentesis ☐ Other ☐ Unknown
3. Cyanotic Congenital Heart Disease	☐ ☐	☐ ☐	☐ Level II Ultrasound ☐ Other ☐ Unknown
4. Congenital Diaphragmatic Hernia	☐ ☐	☐ ☐	☐ Level II Ultrasound ☐ Other ☐ Unknown
5. Omphalocele	☐ ☐	☐ ☐	☐ Level II Ultrasound ☐ Other ☐ Unknown
6. Gastroschisis	☐ ☐	☐ ☐	☐ Level II Ultrasound ☐ Other ☐ Unknown
7. Limb Reduction Defect	☐ ☐	☐ ☐	☐ Level II Ultrasound ☐ Other ☐ Unknown
8. Cleft lip with or without Cleft Palate	☐ ☐	☐ ☐	☐ Level II Ultrasound ☐ Other ☐ Unknown
9. Cleft Palate alone	☐ ☐	☐ ☐	☐ Level II Ultrasound ☐ Other ☐ Unknown
10. Down Syndrome ☐ Karyotype confirmed ☐ Karyotype pending	☐ ☐	☐ ☐	☐ Level II Ultrasound ☐ MSAFP/Triple Screen ☐ CVS ☐ Amniocentesis ☐ Other ☐ Unknown
11. Other Chromosomal Disorder ☐ Karyotype confirmed ☐ Karyotype pending	☐ ☐	☐ ☐	☐ Level II Ultrasound ☐ MSAFP/Triple Screen ☐ CVS ☐ Amniocentesis ☐ Other ☐ Unknown
12. Hypospadias	☐ ☐	☐ ☐	☐ Level II Ultrasound ☐ Other ☐ Unknown

13. None of those listed above ☐

CERTIFICATE OF DEATH   Certificate No.

1. DECEDENT'S LEGAL NAME _____
(First, Middle, Last)

MEDICAL CERTIFICATE OF DEATH (To be filled in by the Physician)

Place Of Death	2a. New York City	2c. Type of Place		2d. Any Hospice care in last 30 days	2e. Name of hospital or other facility (if not facility, street address)
	2b. Borough	1 ❑ Hospital Inpatient 4 ❑ Nursing Home/Long Term Care Facility		1 ❑ Yes	
		2 ❑ Emergency Dept./Outpatient 5 ❑ Hospice Facility		2 ❑ No	
		3 ❑ Dead on Arrival 6 ❑ Decedent's Residence		3 ❑ Unknown	
		7 ❑ Other Specify _____			

Date and Time of Death	3a. (Month) (Day) (Year-yyyy)	3b. Time ❑ AM ❑ PM	4. Sex	5. Date last attended by a Physician
				mm dd yyyy

6. Certifier: I certify that death occurred at the time, date and place indicated and that to the best of my knowledge traumatic injury or poisoning DID NOT play any part in causing death, and that death did not occur in any unusual manner and was due entirely to NATURAL CAUSES. **See instructions on reverse of certificate.**

D.O.
M.D.

Name of Physician _____   Signature _____

(Type or Print)

Address _____   License No. _____   Date _____

PERSONAL PARTICULARS (To be filled in by Funeral Director or, in case of City Burial, by Physician)

7a. Usual Residence State	7b. County	7c. City or Town	7d. Street and Number	Apt. No.	ZIP Code	7e. Inside City Limits? 1 ❑ Yes 2 ❑ No

8. Date of Birth (Month) (Day) (Year-yyyy)	9. Age at last birthday (years)	Under 1 Year		Under 1 Day		10. Social Security No.
		Months	Days	Hours	Minutes	
	1	2	3	4	5	

11a. Usual Occupation (Type of work done during most of working life. Do not use "retired")	11b. Kind of business or industry	12. Aliases or AKAs

13. Birthplace (City & State or Foreign Country)	14. Education (Check the box that best describes the highest degree or level of school completed at the time of death)
	1 ❑ 8th grade or less; none 4 ❑ Some college credit, but no degree 7 ❑ Master's degree (e.g., MA, MS, MEng, MEd, MSW, MBA)
	2 ❑ 9th – 12th grade; no diploma 5 ❑ Associate degree (e.g., AA, AS) 8 ❑ Doctorate (e.g., PhD, EdD) or
	3 ❑ High school graduate or GED 6 ❑ Bachelor's degree (e.g., BA, AB, BS) Professional degree (e.g., MD, DDS, DVM, LLB, JD)

15. Ever in U.S. Armed Forces? 1 ❑ Yes 2 ❑ No	16. Marital/Partnership Status at time of death 1 ❑ Married 2 ❑ Domestic Partnership 3 ❑ Divorced 4 ❑ Married, but separated 5 ❑ Never Married 6 ❑ Widowed 7 ❑ Other, Specify _____ 8 ❑ Unknown	17. Surviving Spouse's/Partner's Name (If wife, name prior to first marriage)(First, Middle, Last)

18. Father's Name (First, Middle, Last)	19. Mother's Maiden Name (Prior to first marriage) (First, Middle, Last)

20a. Informant's Name	20b. Relationship to Decedent	20c. Address (Street and Number Apt. No. City & State ZIP Code)

21a. Method of Disposition 1 ❑ Burial 2 ❑ Cremation 3 ❑ Entombment 4 ❑ City Cemetery 5 ❑ Other Specify _____	21b. Place of Disposition (Name of cemetery, crematory, other place)

21c. Location of Disposition (City & State or Foreign Country)	21d. Date of Disposition mm dd yyyy

22a. Funeral Establishment	22b. Address (Street and Number City & State ZIP Code)

VR 15 (Rev. 01/09)

CONFIDENTIAL MEDICAL REPORT

VR 15 (Rev. 01/09)

To be filled in by FUNERAL DIRECTOR or, in case of City Burial, by Physician

Certificate No.

23. Ancestry (Check one box and specify)

❏ Hispanic (Mexican, Puerto Rican, Cuban, Dominican, etc.)

Specify _____

❏ NOT Hispanic (Italian, African American, Haitian, Pakistani, Ukrainian, Nigerian, Taiwanese, etc.)

Specify _____

24. Race as defined by the U.S. Census (Check one or more to indicate what the decedent considered himself or herself to be)

01 ❏ White   02 ❏ Black or African American

03 ❏ American Indian or Alaska Native
(Name of enrolled or principal tribe)_____

04 ❏ Asian Indian   05 ❏ Chinese

06 ❏ Filipino   07 ❏ Japanese

08 ❏ Korean   09 ❏ Vietnamese

10 ❏ Other Asian–Specify_____

11 ❏ Native Hawaiian   12 ❏ Guamanian or Chamorro

13 ❏ Samoan

14 ❏ Other Pacific Islander–Specify_____

15 ❏ Other–Specify_____

DECEDENT'S LEGAL NAME (Type or Print)

CAUSE OF DEATH–Enter the chain of events—diseases, complications or abnormalities–that directly caused the death. DO NOT enter terminal events such as cardiac arrest, respiratory arrest, or ventricular fibrillation without showing the etiology.

IMMEDIATE CAUSE– FINAL disease or condition resulting in death.

Sequentially list conditions, if any, leading to the cause listed on line a. Enter the UNDERLYING CAUSE (disease that initiated the events resulting in death) LAST.

OPERATION-Enter in Part II information on operation or procedure related to disease or conditions listed in Part I.

SUBSTANCE USE Include the use of tobacco, alcohol or other substance if this caused or contributed to death. SPECIFY IN PART I or PART II.

25. CAUSE OF DEATH – List only one cause on each line. DO NOT ABBREVIATE.

PART I

a. IMMEDIATE CAUSE

b. DUE TO OR AS A CONSEQUENCE OF

c. DUE TO OR AS A CONSEQUENCE OF

d. DUE TO OR AS A CONSEQUENCE OF

APPROXIMATE INTERVAL: ONSET TO DEATH

PART II OTHER SIGNIFICANT CONDITIONS CONTRIBUTING TO DEATH but not resulting in the underlying cause given in Part I. Include operation information.

26a. Was an autopsy performed? 1 ❏ Yes 2 ❏ No	27a. If Female	27b. If pregnant within one year of death, outcome of pregnancy	27c. Date of Outcome	28. Was this case referred to OCME?

26a. Was an autopsy performed?
1 ❏ Yes   2 ❏ No

26b. Were autopsy findings available to complete the cause of death?
1 ❏ Yes   2 ❏ No

27a. If Female
1 ❏ Not pregnant within 1 year of death
2 ❏ Pregnant at time of death
3 ❏ Not pregnant at death, but pregnant within 42 days of death
4 ❏ Not pregnant at death, but pregnant 43 days to 1 year before death
5 ❏ Unknown if pregnant within 1 year of death

27b. If pregnant within one year of death, outcome of pregnancy
1 ❏ Live Birth
2 ❏ Spontaneous Termination/ Ectopic Pregnancy
3 ❏ Induced Termination   4 ❏ None

27c. Date of Outcome
mm   dd   yyyy

28. Was this case referred to OCME?
1 ❏ Yes
2 ❏ No

29. Did tobacco use contribute to death?
1 ❏ Yes 2 ❏ No 3 ❏ Probably 4 ❏ Unknown

30. For infant under one year: Name and address of hospital or other place of birth

I am submitting herewith a confidential report of the cause of death.

SIGNATURE _____   D.O. M.D.   ADDRESS _____   LICENSE NO. _____

THE CITY OF NEW YORK – DEPARTMENT OF HEALTH AND MENTAL HYGIENE

CERTIFICATE OF DEATH

Certificate No.

❏ New
❏ Corr/Amend
❏ Replacement

DOHMH USE ONLY

BOR
INST
MANNER
RESIDENCE
CODE
BP
LDIS
H
ANC
NH
ANC
ICD
AUT

THIS CERTIFICATE NOT VALID UNLESS FILED IN THE DEPARTMENT OF HEALTH AND MENTAL HYGIENE

MEDICAL CERTIFICATE OF DEATH (To be filled in by the OCME)

1. DECEDENT'S LEGAL NAME (First, Middle, Last)

Place Of Death	2a. New York City	2c. Type of Place	2d. Any Hospice care in last 30 days	2e. Name of hospital or other facility (if not facility, street address)
	2b. Borough	1 ❏ Hospital Inpatient 4 ❏ Nursing Home/Long Term Care Facility 5 ❏ Hospice Facility 2 ❏ Emergency Dept./Outpatient 6 ❏ Decedent's Residence 3 ❏ Dead on Arrival 7 ❏ Other Specify ____	1 ❏ Yes 2 ❏ No 3 ❏ Unknown	

Date and Time of Death or Found Dead	3a. (Month) (Day) (Year-yyyy)	3b. Time ❏ AM ❏ PM	4. Sex	5. OCME Case No.

6. CAUSE OF DEATH

PART I

a. Immediate cause

b. Due to or as a consequence of

c. Due to or as a consequence of

APPROXIMATE INTERVAL: ONSET TO DEATH

PART II Other significant conditions contributing to death but not resulting in the underlying cause given in Part I. Include operation information.

7a. Injury Date (mm dd yyyy)	7b. Time ❏ AM ❏ PM	7c. At Work 1 ❏ Yes 2 ❏ No	7d. Place of Injury – At home, factory, street, etc.
			7e. Location

7f. How Injury Occurred

7g. If Transportation Injury Specify ❏ Driver/Operator ❏ Pedestrian ❏ Passenger ❏ Other Specify ____	8. Manner of Death ❏ Pending further study ❏ Natural ❏ Homicide ❏ Accident ❏ Suicide ❏ Undetermined	9. Autopsy ❏ Yes ❏ No Autopsy Pursuant to Law ❏ No Autopsy	10. On the basis of examination and/or investigation, in my opinion, death occurred due to the causes and manner as stated:

D.O.
Certifier Signature ____ M.D. Date ____
Certifier Name (Print) ____
(Medical Investigator) (Deputy Chief) (Chief) (Medical Examiner)

PERSONAL PARTICULARS (To be filled in by Funeral Director or, in case of City Burial, by OCME)

11a. Usual Residence State	11b. County	11c. City or Town	11d. Street and Number Apt. No. ZIP Code	11e. Inside City Limits? 1 ❏ Yes 2 ❏ No

12. Date of Birth (Month) (Day) (Year-yyyy)	13. Age at last birthday (years) 1	Under 1 Year		Under 1 Day		14. Social Security No.
		Months 2	Days 3	Hours 4	Minutes 5	

15a. Usual Occupation (Type of work done during most of working life. Do not use "retired")	15b. Kind of business or industry	16. Aliases or AKAs

17. Birthplace (City & State or Foreign Country)	18. Education (Check the box that best describes the highest degree or level of school completed at the time of death)

1 ❏ 8th grade or less; none   4 ❏ Some college credit, but no degree   7 ❏ Master's degree (e.g., MA, MS, MEng, MEd, MSW, MBA)
2 ❏ 9th – 12th grade; no diploma   5 ❏ Associate degree (e.g., AA, AS)   8 ❏ Doctorate (e.g., PhD, EdD) or
3 ❏ High school graduate or GED   6 ❏ Bachelor's degree (e.g., BA, AB, BS)   Professional degree (e.g., MD, DDS, DVM, LLB, JD)

19. Ever in U.S. Armed Forces? 1 ❏ Yes 2 ❏ No	20. Marital/Partnership Status at time of death 1 ❏ Married 2 ❏ Domestic Partnership 3 ❏ Divorced 4 ❏ Married, but separated 5 ❏ Never Married 6 ❏ Widowed 7 ❏ Other, Specify ____ 8 ❏ Unknown	21. Surviving Spouse's/Partner's Name (If wife, name prior to first marriage)(First, Middle, Last)

22. Father's Name (First, Middle, Last)	23. Mother's Maiden Name (Prior to first marriage) (First, Middle, Last)

24a. Informant's Name	24b. Relationship to Decedent	24c. Address (Street and Number Apt. No. City & State ZIP Code)

25a. Method of Disposition 1 ❏ Burial 2 ❏ Cremation 3 ❏ Entombment 4 ❏ City Cemetery 5 ❏ Other Specify ____	25b. Place of Disposition (Name of cemetery, crematory, other place)

25c. Location of Disposition (City & State or Foreign Country)	25d. Date of Disposition mm dd yyyy

26a. Funeral Establishment	26b. Address (Street and Number City & State ZIP Code)

VR 16 (Rev. 01/09)

MEDICAL EXAMINER'S SUPPLEMENTARY REPORT

VR 16 (Rev. 01/09)

Certificate No.

To be filled in by **FUNERAL DIRECTOR** or, in case of City Burial, by OCME

27. Ancestry (Check one box and specify)

❏ Hispanic (Mexican, Puerto Rican, Cuban, Dominican, etc.)

Specify _____

❏ NOT Hispanic (Italian, African American, Haitian, Pakistani, Ukrainian, Nigerian, Taiwanese, etc.)

Specify _____

28. Race as defined by the U.S. Census (Check one or more to indicate what the decedent considered himself or herself to be)

01 ❏ White   02 ❏ Black or African American

03 ❏ American Indian or Alaska Native
   (Name of enrolled or principal tribe) _____

04 ❏ Asian Indian   05 ❏ Chinese

06 ❏ Filipino   07 ❏ Japanese

08 ❏ Korean   09 ❏ Vietnamese

10 ❏ Other Asian–Specify _____

11 ❏ Native Hawaiian   12 ❏ Guamanian or Chamorro

13 ❏ Samoan

14 ❏ Other Pacific Islander–Specify _____

15 ❏ Other–Specify _____

DECEDENT'S LEGAL NAME (Type or Print)

29a. If Female
1 ❏ Not pregnant within 1 year of death
2 ❏ Pregnant at time of death
3 ❏ Not pregnant at death, but pregnant within 42 days of death
4 ❏ Not pregnant at death, but pregnant 43 days to 1 year before death
5 ❏ Unknown if pregnant within 1 year of death

29b. If pregnant within one year of death, outcome of pregnancy
1 ❏ Live Birth
2 ❏ Spontaneous Termination / Ectopic Pregnancy
3 ❏ Induced Termination   4 ❏ None

29c. Date of Outcome

mm	dd	yyyy

30. Did tobacco use contribute to death?

1 ❏ Yes   2 ❏ No   3 ❏ Probably   4 ❏ Unknown

31. For infant under one year: Name and address of hospital or other place of birth

Cleared For Cremation
If Family Requests

_____
M.E. Signature

I certify that I personally examined the body on

_____ at _____
(Date)   (Location)

SIGNATURE: _____
(Medical Investigator) (Deputy Chief) (Chief) (Medical Examiner)

or

I did not personally examine the body after death.

SIGNATURE: _____
(Deputy Chief) (Chief) (Medical Examiner)

DATE FILED

THE CITY OF NEW YORK – DEPARTMENT OF HEALTH AND MENTAL HYGIENE
CERTIFICATE OF SPONTANEOUS TERMINATION OF PREGNANCY

VR-17
(REV. 01/10)

CERTIFICATE NO.

THIS CERTIFICATE NOT VALID UNLESS FILED IN THE DEPARTMENT OF HEALTH AND MENTAL HYGIENE

FD Initials — reserved for the Department of Health and Mental Hygiene use only.

1. Typewrite or print with black fine point ink.
2. Certificates containing alterations or omissions are unacceptable.
3. Items "Date filed," "Certificate No." and this space,

☐ **I CERTIFY THAT I HAVE IN MY POSSESSION AN AFFIDAVIT OF AUTHORIZATION FOR CREMATION**

Did heart beat after delivery? _____
Was there movement of voluntary muscle? _____

If answer to either is yes, do not use this form. Case must be reported by filing a certificate of birth and a certificate of death.

FETUS

1. NAME *(Optional):* (First, Middle, Last, Suffix)

2a. DATE OF DELIVERY
(Month) (Day) (Year-yyyy)

2b. TIME _____
☐ AM
☐ PM
☐ Unknown

3. SEX
☐ Male ☐ Unknown
☐ Female

4. OBSTETRIC ESTIMATE OF GESTATION _____ # of weeks

5a. NUMBER DELIVERED THIS PREGNANCY _____

IF MORE THAN ONE
5b. Number in order of delivery _____
5c. Number born alive _____

FETUS Place of Delivery

6a. TYPE OF PLACE
☐ Hospital – ER/ED
☐ Hospital – Amb. Surg.
☐ Hospital – Labor/Labor and Delivery
☐ Hospital – Other
☐ Freestanding Birthing Center
☐ Home
☐ Clinic/Doctor's Office
☐ Other, Specify _____
☐ Unknown

6b. FACILITY NAME/ADDRESS

If not in facility, street address: (Street Number and Name, City or Town, County, State, Country, Zip Code)

MOTHER/PARENT

7. CURRENT LEGAL NAME: (First, Middle, Last, Suffix)

9. DATE OF BIRTH
(Month) (Day) (Year-yyyy)

12. BIRTHPLACE
City | State
Country

8. NAME PRIOR TO FIRST MARRIAGE: (First, Middle, Last, Suffix)

10. AGE

11. SEX
☐ Male
☐ Female

13. RESIDENCE ADDRESS: (Street Number and Name, Apt. No., City or Town, County, State, Country, Zip Code)

14. INSIDE CITY LIMITS?
☐ Yes ☐ Unknown
☐ No

FATHER/PARENT

15. NAME PRIOR TO FIRST MARRIAGE: (First, Middle, Last, Suffix)

16. DATE OF BIRTH
(Month) (Day) (Year-yyyy)

19. BIRTHPLACE
City | State

17. AGE

18. SEX
☐ Male
☐ Female

Country

ATTENDANT/CERTIFIER

20. ATTENDANT NAME AT DELIVERY:

☐ MD ☐ DO
☐ LIC. Midwife ☐ RPA
☐ Other, *(specify)*

_____ (First, Middle, Last, Suffix)

21. CERTIFIER: I HEREBY CERTIFY THAT THIS EVENT OCCURRED AT THE TIME AND ON THE DATE INDICATED AND THAT ALL FACTS STATED IN THIS CERTIFICATE ARE TRUE TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF.

☐ MD
☐ DO

_____
Signature of Physician Certifier

_____
Name of Physician Certifier

_____
Address

_____ ___/___/___
License No. *Date*

FUNERAL DIRECTOR'S CERTIFICATE

FUNERAL DIRECTOR'S CERTIFICATE

I hereby certify that I have been employed as Funeral Director by _____
(Name of person in control of disposition)

of _____ . This statement is made to obtain a disposition permit
(Address)

for this fetus _____
(Signature of Funeral Director) *(License No.)*

Funeral Establishment _____ Business Registration No. _____

Address _____

NAME OF CEMETERY OR CREMATORY (OR DESTINATION)

CITY OR COUNTY AND STATE

DATE OF DISPOSITION
(Month) (Day) (Year-yyyy)

THE CITY OF NEW YORK – DEPARTMENT OF HEALTH AND MENTAL HYGIENE   (Each question MUST be answered)

CONFIDENTIAL MEDICAL REPORT OF SPONTANEOUS TERMINATION OF PREGNANCY (1 of 2)
Only for scientific purposes approved by the Commissioner. Not subject to compelled disclosure.

Mother/Parent Medical Record No. _____   CERTIFICATE NO.

22. Date Last Normal Menses Began: ____/____/_____
  mm   dd   yyyy

23. PARENT'S EDUCATION

(Check the box that best describes the highest degree or level of school completed at time of delivery)

a. Mother/Parent   **b. Father/Parent**

- ☐ ....8th grade or less; none.............................☐
- ☐ ....9th-12th grade, no diploma ....☐
- ☐ ....High school graduate or GED ....☐
- ☐ ....Some college credit, but no degree...................☐
- ☐ ....Associate degree (e.g., AA, AS) ....☐
- ☐ ....Bachelor's degree (e.g., BA, AB, BS)..................☐
- ☐ ....Master's degree (e.g., MA, MS, MEng,..............☐
        MEd, MSW, MBA)
- ☐ ....Doctorate (e.g., PhD, EdD)..........................☐
        or Professional degree (e.g., MD, DDS,
        DVM, LLB, JD)
- ☐ ....Unknown....................................☐

24. PARENT'S OCCUPATION

                                                    Yes   No
a. Was mother/parent employed during pregnancy? ☐   ☐

	1. Current/most recent occupation	2. Kind of business or industry
b. Mother/Parent		
c. Father/Parent		

25. PARENT'S ANCESTRY

(Check **one** box and specify what the parent considers her/himself to be)

a. Mother/Parent   **b. Father/Parent**

Hispanic (Mexican, Puerto Rican,
☐ ....Cuban, Dominican, etc.) ....☐
Specify

(Mother/Parent)   *(Father/Parent)*

NOT Hispanic (Italian, African American,
Haitian, Pakistani, Ukranian,
☐ ....Nigerian, Taiwanese, etc.) ....☐
Specify

(Mother/Parent)   *(Father/Parent)*

☐ ....Unknown ....☐

26. PARENT'S RACE

Race as defined by the U.S. Census
(Check **one or more** to indicate what the parent considers her/himself to be)

a. Mother/Parent   **b. Father/Parent**

- ☐ ....White ....☐
- ☐ ....Black or African American ....☐
- ☐ ....American Indian or Alaska Native..................☐
        Name of enrolled or principal tribe

(Mother/Parent)   *(Father/Parent)*

- ☐ ....Asian Indian ....☐
- ☐ ....Chinese....................................☐
- ☐ ....Filipino ....☐
- ☐ ....Japanese ....☐
- ☐ ....Korean ....☐
- ☐ ....Vietnamese.................................☐
- ☐ ....Other Asian.................................☐
        Specify

(Mother/Parent)   *(Father/Parent)*

- ☐ ....Native Hawaiian ....☐
- ☐ ....Guamanian or Chamorro ....☐
- ☐ ....Samoan......................................☐
- ☐ ....Other Pacific Islander..........................☐
        Specify

(Mother/Parent)   *(Father/Parent)*

- ☐ ....Other.......................................☐
        Specify

(Mother/Parent)   *(Father/Parent)*

- ☐ ....Unknown ....☐

27. PARENT'S LENGTH OF TIME IN U.S.

a. Mother/Parent   **b. Father/Parent**

☐ ....Never lived in United States....................☐
If born outside of the United States, how long lived in U.S.?
                        years
(Mother/Parent)   *(Father/Parent)*
        or if <1 yr, months
(Mother/Parent)   *(Father/Parent)*

28. CAUSE/CONDITIONS CONTRIBUTING TO FETAL DEATH

a. Initiating Cause/Condition

(Among the choices below, please select the **one** that most likely began the sequence of events resulting in the death of the fetus).

- ☐ Maternal Conditions/Diseases (Specify) _____

- ☐ Complications of Placenta, Cord, or Membranes
  - ☐ Rupture of membranes prior to onset of labor
  - ☐ Abruptio placenta
  - ☐ Placental insufficiency
  - ☐ Prolapsed cord
  - ☐ Chorioamnionitis
  - ☐ Other (Specify) _____

- ☐ Other Obstetrical or Pregnancy Complications (Specify)_____

- ☐ Fetal Anomaly (Specify) _____

- ☐ Fetal Injury (Please consult with OCME) _____
- ☐ Fetal Infection (Specify) _____
- ☐ Other Fetal Conditions/Disorders (Specify) _____

- ☐ Unknown

b. Other Significant Causes or Conditions

(Select or specify **all** other conditions contributing to death).

- ☐ Maternal Conditions/Diseases (Specify) _____

- ☐ Complications of Placenta, Cord, or Membranes
  - ☐ Rupture of membranes prior to onset of labor
  - ☐ Abruptio placenta
  - ☐ Placental insufficiency
  - ☐ Prolapsed cord
  - ☐ Chorioamnionitis
  - ☐ Other (Specify) _____

- ☐ Other Obstetrical or Pregnancy Complications (Specify)_____

- ☐ Fetal Anomaly (Specify) _____

- ☐ Fetal Injury (Please consult with OCME) _____
- ☐ Fetal Infection (Specify) _____
- ☐ Other Fetal Conditions/Disorders (Specify) _____

- ☐ Unknown

c. Was this case referred to OCME? ☐ Yes ☐ No ☐ Unknown   If yes, ME Case Number: _____

FOR GESTATION OF 20 WEEKS OR MORE: ALL ITEMS BELOW MUST BE COMPLETED (except OCME cases).

29. PRENATAL

a. Primary Payor
(Check **one**)

- ☐ Medicaid   ☐ Self-pay
- ☐ Other govt. insurance   ☐ None
- ☐ Private insurance   ☐ Unknown

b. Total Number of Prenatal Visits for this Pregnancy

☐ None _____

c. Date of First Prenatal Care Visit

(mm/dd/yyyy) ____/____/_____

d. Date of Last Prenatal Care Visit

(mm/dd/yyyy) ____/____/_____

e. Previous Live Births

1. Total Number of Previous Live Births _____ ☐ None

2. Number Born Alive and Now Living _____ ☐ None

3. Number Born Alive and Now Dead _____ ☐ None

f. Date of First Live Birth (mm/yyyy) ____/_____

g. Date of Last Live Birth (mm/yyyy) ____/_____

h. Total Number of Other Pregnancy Outcomes _____ ☐ None
(Spontaneous or Induced losses or ectopic pregnancies)
Do not include this fetus

i. Date of Last Other Pregnancy Outcome
(mm/yyyy) ____/_____

30. MOTHER/PARENT HEALTH

a. Height _____ feet _____ inches

b. Pre-Pregnancy Weight _____ pounds

c. Weight Immediately Prior to Event _____ pounds

d. Cigarette Smoking

1. Cigarette smoking in the 3 months before or during pregnancy?

  ☐ Yes ☐ No ☐ Unknown

If yes, average number of cigarettes or packs/day
(enter 0 if None)

	Cigarettes	or	Packs/Day
2. 3 mo. before pregnancy	_____	or	_____
3. First 3 mo. of pregnancy	_____	or	_____
4. Second 3 mo. of pregnancy	_____	or	_____
5. Third trimester of pregnancy	_____	or	_____

e. Alcohol use during this pregnancy?

  ☐ Yes ☐ No ☐ Unknown

f. Illicit and other drugs used during this pregnancy?

  ☐ Yes ☐ No ☐ Unknown

If yes, check **all** that apply

- ☐ Heroin   ☐ Sedatives
- ☐ Cocaine   ☐ Tranquilizers
- ☐ Methadone   ☐ Anticonvulsants
- ☐ Methamphetamine   ☐ Other
- ☐ Marijuana   ☐ Unknown

31. PREGNANCY FACTORS

a. Risk Factors in this Pregnancy
(Check **all** that apply)

- ☐ Diabetes – Prepregnancy
- ☐ Diabetes – Gestational
- ☐ Hypertension – Pre-pregnancy
- ☐ Hypertension – Gestational
- ☐ Hypertension – Eclampsia
- ☐ Previous Preterm Birth
- ☐ Other previous poor pregnancy outcome
- ☐ Infertility Treatment – Fertility-enhancing drugs, Artificial/Intrauterine insemination
- ☐ Infertility Treatment – Assisted Reproductive Technology
- ☐ Mother had a Previous Cesarean Delivery

- ☐ Other   If yes, how many? _____
- ☐ None
- ☐ Unknown

CONFIDENTIAL MEDICAL REPORT OF SPONTANEOUS TERMINATION OF PREGNANCY (2 of 2)

Only for scientific purposes approved by the Commissioner. Not subject to compelled disclosure.

Mother/Parent Medical Record No. _____

CERTIFICATE NO.

FOR GESTATION OF 20 WEEKS OR MORE: ALL ITEMS BELOW MUST BE COMPLETED (except OCME cases).

31. PREGNANCY FACTORS (cont.)

b. Infection Present and/or Treated During Pregnancy
(Check **all** that apply)

☐ Gonorrhea   ☐ Tuberculosis
☐ Syphilis   ☐ Rubella
☐ Herpes Simplex (HSV) ☐ Cytomegalovirus
☐ Chlamydia   ☐ Parvovirus
☐ Bacterial Vaginosis   ☐ Toxoplasmosis
☐ Hepatitis B   ☐ Other
☐ Hepatitis C   ☐ None
☐ Listeria   ☐ Unknown
☐ Group B Strep

32. DELIVERY

a. Method of Delivery

1. Was delivery with forceps attempted but unsuccessful?
☐ Attempted and successful ☐ Attempted and unsuccessful
☐ Forceps were not used   ☐ Unknown

2. Was delivery with vacuum extraction attempted but unsuccessful?
☐ Attempted and successful ☐ Attempted and unsuccessful
☐ Vacuum extraction was not used ☐ Unknown

3. Fetal presentation at delivery
☐ Cephalic
☐ Breech
☐ Other
☐ Unknown

4. Final route and method of delivery
(Check **one**)
☐ Vaginal/Spontaneous
☐ Vaginal/Forceps
☐ Vaginal/Vacuum
  Vaginal delivery after a previous C-section?
  ☐ Yes ☐ No ☐ Unknown
☐ Primary Cesarean
☐ Repeat Cesarean
  If cesarean, was a trial of labor attempted?
  ☐ Yes ☐ No ☐ Unknown

5. Hysterotomy/Hysterectomy
☐ Yes ☐ No ☐ Unknown

b. Maternal Morbidity (Check **all** that apply)
(Complications associated with labor and delivery)

☐ Maternal transfusion
☐ Third or fourth degree perineal laceration
☐ Ruptured uterus
☐ Unplanned hysterectomy
☐ Admission to intensive care unit
☐ Unplanned operating room procedure following delivery
☐ Hemorrhage
☐ Postpartum transfer to a higher level of care
☐ Other
☐ None
☐ Unknown

c. Was mother transferred for maternal medical or fetal indication prior to delivery?

☐ Yes ☐ No ☐ Unknown

If yes, name of facility transferred from:

_____

33. FETAL ATTRIBUTES

a. Weight of Fetus (grams preferred, specify unit)

_____   _____
   ☐ lb/oz   ☐ grams

b. Estimated Time of Fetal Death
☐ Death at time of first assessment, no labor ongoing
☐ Death at time of first assessment, labor ongoing
☐ Died during labor, after first assessment
☐ Unknown time of fetal death

c. Was an autopsy performed?
☐ Yes ☐ No ☐ Planned

d. Was a histological placental examination performed?
☐ Yes ☐ No ☐ Planned

e. Were autopsy or histological placental examination results used in determining the cause of fetal death?

☐ Yes ☐ No ☐ Unknown

f. Congenital Anomalies of the Fetus
(Check **all** that apply)

☐ Anencephaly
☐ Meningomyelocele/Spina bifida
☐ Cyanotic congenital heart disease
☐ Congenital diaphragmatic hernia
☐ Omphalocele
☐ Gastroschisis
☐ Limb reduction defect (excluding congenital amputation and dwarfing syndromes)
☐ Cleft lip with or without cleft palate
☐ Cleft palate alone
☐ Down syndrome
  ☐ Karyotype confirmed
  ☐ Karyotype pending
☐ Suspected chromosomal disorder
  ☐ Karyotype confirmed
  ☐ Karyotype pending
☐ Hypospadias
☐ Other
☐ None
☐ Unknown

THE CITY OF NEW YORK – DEPARTMENT OF HEALTH AND MENTAL HYGIENE
CERTIFICATE OF INDUCED TERMINATION OF PREGNANCY
Use this form *ONLY* for induced terminations whether surgical or medical.
Only for scientific purposes approved by the Commissioner; not subject to compelled disclosure.

CERTIFICATE NO.
(For Health Dept. Use Only)

FACILITY

1. DATE OF PROCEDURE FOR TERMINATION *(Month) (Day) (Year-yyyy)*

3A. FACILITY NAME

3B. FACILITY ADDRESS
Street Number and Name   Apt. #, Suite #, etc.

City or Town   County   State   Country   ZIP Code

2. FACILITY TYPE
- ☐ Hospital
- ☐ Clinic (Article 28)
- ☐ Clinic (non-Article 28)
- ☐ Other type _____
- ☐ Shared Facility
- ☐ Doctor's Office
- ☐ Unknown

4. PRIMARY FINANCIAL COVERAGE THIS TERMINATION
- ☐ Medicaid
- ☐ Other Govt. Insurance
- ☐ Private Insurance
- ☐ Self Pay
- ☐ Unknown

PATIENT

5. PATIENT'S LEGAL NAME

First Name ____|____   Last Name ____|____
(First two letters)   (First two letters)

6. PATIENT'S DATE OF BIRTH
(Month) (Day) (Year-yyyy)

7. PATIENT'S BIRTHPLACE
City or Town   State   Country

8. NEVER LIVED IN UNITED STATES ☐

If born outside of the United States,
how long lived in U.S.? _____
(years)

Or if less than 1 year, _____
(months)

9. PATIENT'S USUAL RESIDENCE (COMPLETE ONLY ONE)

☐ **New York City** ZIP Code ____|___|___|___|
- ☐ Manhattan ☐ Bronx ☐ Brooklyn ☐ Queens ☐ Staten Island
- ☐ Unknown

☐ **New York State (Outside NYC)**
City or Town   County   ZIP Code

☐ **Outside NYS**
_____
(U.S. State)

☐ **Outside U.S.**
_____
(Foreign Country)

PATIENT ATTRIBUTES

10. EDUCATION
- ☐ 8th grade or less; none
- ☐ 9th–12th grade, no diploma
- ☐ High school graduate or GED completed
- ☐ Some college credit, but no degree
- ☐ Associate degree
- ☐ Bachelor's degree
- ☐ Master's degree
- ☐ Doctorate or Professional degree
- ☐ Unknown

11. ANCESTRY (CHECK ONE BOX AND SPECIFY)
- ☐ Hispanic *(Mexican, Puerto Rican, Cuban, Dominican, etc.)*
  Specify _____
- ☐ NOT Hispanic *(Italian, African American, Haitian, Pakistani, Ukranian, Nigerian, Taiwanese, etc.)*
  Specify _____
- ☐ Unknown

12. RACE
Race as defined by the U.S. Census. (Check one or more to indicate what the patient considers herself to be.)
- ☐ White
- ☐ Black or African American
- ☐ American Indian or Alaska Native (specify tribe)
  _____
- ☐ Asian Indian
- ☐ Chinese
- ☐ Filipino
- ☐ Japanese
- ☐ Korean
- ☐ Vietnamese
- ☐ Other Asian (specify) _____
- ☐ Native Hawaiian
- ☐ Guamanian or Chamorro
- ☐ Samoan
- ☐ Other Pacific Islander (specify) _____
- ☐ Other (specify) _____
- ☐ Unknown

13. MARITAL/PARTNERSHIP STATUS
- ☐ Married
- ☐ Domestic Partnership
- ☐ Divorced
- ☐ Married, but separated
- ☐ Never Married
- ☐ Widowed
- ☐ Other, Specify _____
- ☐ Unknown

MEDICAL

14. DATE LAST NORMAL MENSES BEGAN
(Month) (Day) (Year-yyyy)

15. OBSTETRIC ESTIMATE OF GESTATION
_____ completed weeks

16. PREVIOUS PREGNANCIES
- a. Total Number of Previous Live Births _____ ☐ None
- b. Born Alive Now Living _____ ☐ None
- c. Born Alive Now Dead _____ ☐ None
- d. Total Number of Other Pregnancy Outcomes _____ ☐ None
- e. Number of Spontaneous Terminations _____ ☐ None
- f. Number of Induced Terminations _____ ☐ None

17. TERMINATION PROCEDURE

17A. PRIMARY PROCEDURE (CHECK ONLY ONE)
- ☐ Suction Curettage
- ☐ Sharp Curettage (D&C)
- ☐ Dilation and Evacuation (D&E)
- ☐ Intra-Uterine Instillation
- ☐ Hysterotomy/Hysterectomy
- ☐ Misoprostol
- ☐ Mifepristone and Misoprostol
- ☐ Methotrexate and Misoprostol
- ☐ Other Medical (nonsurgical)
  Specify Medications _____
- ☐ Other, Specify _____

17B. ADDITIONAL PROCEDURES (CHECK ALL THAT APPLY)
- ☐ None
- ☐ Suction Curettage
- ☐ Sharp Curettage (D&C)
- ☐ Dilation and Evacuation (D&E)
- ☐ Intra-Uterine Instillation
- ☐ Hysterotomy/Hysterectomy
- ☐ Misoprostol
- ☐ Mifepristone and Misoprostol
- ☐ Methotrexate and Misoprostol
- ☐ Other Medical (nonsurgical)
  Specify Medications _____
- ☐ Other, Specify _____

18. CONTRACEPTIVE METHOD PRESCRIBED AND/OR DISPENSED AFTER THIS PROCEDURE (Check all that apply)
- ☐ None Offered
- ☐ Offered but Declined
- ☐ Oral Contraceptive Pills
- ☐ Condoms
- ☐ Injection
- ☐ Contraceptive Implant
- ☐ Contraceptive Patch
- ☐ Cervical Vaginal Ring
- ☐ Diaphragm
- ☐ IUD
- ☐ Emergency Contraception
- ☐ Other, Specify _____

19. ATTENDANT NAME AT TERMINATION:
_____
(First, Middle, Last, Suffix)
- ☐ MD
- ☐ DO
- ☐ NP

ATTENDANT/CERTIFIER

20. CERTIFIER: I HEREBY CERTIFY THAT THIS EVENT OCCURRED AT THE TIME AND ON THE DATE INDICATED AND THAT ALL FACTS STATED IN THIS CERTIFICATE ARE TRUE TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF.
- ☐ MD
- ☐ DO
- ☐ NP

Signature of Certifier

Name of Certifier

Address

License No.   ____/____/____
                      Date

VR-18
(REV. 01/13)