

10 Leading Causes of Death, New York City, 2017-2019, Highlighting Injury Annual Average Count (Age-Specific Rate per 100,000)

Unintentional
 Intentional
 Suicide
 Undetermined

Rank	Age Groups										Total
	<1	1-4	5-9	10-14	15-24	25-34	35-44	45-54	55-64	65+	
1	Perinatal conditions 134 (118)	Congenital anomalies 15 (4)	Malignant neoplasms 14 (3)	Malignant neoplasms 20 (4)	INJURY: Unintentional (Accidents) 109 (11)	INJURY: Unintentional (Accidents) 364 (24)	INJURY: Unintentional (Accidents) 335 (29)	Malignant neoplasms 981 (93)	Malignant neoplasms 2409 (241)	Heart disease 14749 (1176)	Heart disease 17685 (211)
2	Congenital anomalies 101 (89)	Malignant neoplasms 12 (3)	INJURY: Unintentional (Accidents) 8 (2)	INJURY: Unintentional (Accidents) 7 (2)	INJURY: Intentional (Assault/Homicide) 68 (7)	Malignant neoplasms 123 (8)	Malignant neoplasms 318 (28)	Heart disease 718 (68)	Heart disease 1921 (193)	Malignant neoplasms 9000 (718)	Malignant neoplasms 12927 (154)
3	Short gestation/low birth weight 75 (66)	Other natural causes 9 (2)	Congenital anomalies 7 (2)	Other natural causes 7 (1)	INJURY: Self-inflicted (Suicide) 61 (6)	INJURY: Self-inflicted (Suicide) 112 (7)	Heart disease 205 (18)	INJURY: Unintentional (Accidents) 460 (44)	INJURY: Unintentional (Accidents) 476 (48)	Other natural causes 3850 (307)	Other natural causes 4838 (58)
4	INJURY: Undetermined intent 34 (30)	INJURY: Unintentional (Accidents) 9 (2)	Other natural causes 7 (1)	Diseases of nervous system 5 (1)*	Malignant neoplasms 49 (5)	INJURY: Intentional (Assault/Homicide) 86 (6)	Other natural causes 133 (12)	Other natural causes 240 (23)	Other natural causes 458 (46)	Influenza and pneumonia 1561 (125)	INJURY: Unintentional (Accidents) 2439 (29)
5	Other natural causes 28 (24)	INJURY: Intentional (Assault/Homicide) 6 (1)	Diseases of nervous system 4 (1)*	Chronic lower respiratory diseases 5 (1)*	Other natural causes 31 (3)	Other natural causes 77 (5)	INJURY: Self-inflicted (Suicide) 82 (7)	Diabetes 149 (14)	Diabetes 314 (31)	Cerebrovascular disease 1535 (122)	Cerebrovascular disease 1893 (23)
6	Other infective/parasitic diseases 18 (16)	Diseases of nervous system 5 (1)*	Chronic lower respiratory diseases 4 (1)*	INJURY: Self-inflicted (Suicide) 5 (1)*	Diseases of nervous system 20 (2)	Heart disease 62 (4)	Chronic liver disease/cirrhosis 62 (5)	Chronic liver disease/cirrhosis 112 (11)	Cerebrovascular disease 200 (20)	Chronic lower respiratory diseases 1467 (117)	Diabetes 1886 (22)
7	Newborn bacterial sepsis 14 (13)	Other infective/parasitic diseases 4 (1)*	Other infective/parasitic diseases 2 (0)*	Congenital anomalies 4 (1)*	INJURY: Undetermined intent 17 (2)	INJURY: Undetermined intent 42 (3)	Diabetes 52 (5)	Cerebrovascular disease 104 (10)	Chronic lower respiratory diseases 200 (20)	Diabetes 1347 (107)	Influenza and pneumonia 1858 (22)
8	Newborn respiratory distress 13 (12)	Influenza and pneumonia 4 (1)*	Influenza and pneumonia 2 (0)*	In situ/benign neoplasms 2 (0)*	Heart disease 14 (1)	HIV 27 (2)	Mental/behavioral disorder due to alcohol 51 (4)	INJURY: Self-inflicted (Suicide) 97 (9)	Chronic liver disease/cirrhosis 171 (17)	Alzheimers disease 1139 (91)	Chronic lower respiratory diseases 1788 (21)
9	INJURY: Unintentional (Accidents) 12 (11)	Chronic lower respiratory diseases 3 (1)*	INJURY: Intentional (Assault/Homicide) 2 (0)*	Heart disease 2 (0)*	Congenital anomalies 13 (1)	Diseases of nervous system 25 (2)	INJURY: Intentional (Assault/Homicide) 49 (4)	HIV 83 (8)	Influenza and pneumonia 166 (17)	Hypertension 1073 (86)	Hypertension 1272 (15)
10	Heart disease 10 (9)	Heart disease 2 (1)*			Chronic lower respiratory diseases 10 (1)	Diabetes 20 (1)	INJURY: Undetermined intent 41 (4)	Mental/behavioral disorder due to alcohol 74 (7)	Hypertension 132 (13)	Diseases of nervous system 696 (55)	Alzheimers disease 1151 (14)

Source: NYC DOHMH Bureau of Vital Statistics. Analyzed by: Bureaus of Environmental Surveillance and Policy and Environmental Disease and Injury Prevention, NYC DOHMH. Statistics reported as the average number of deaths per year and the age-specific and total crude rate per 100,000 population according to NYC DOHMH intercensal estimates modified from US Census Bureau interpolated intercensal population estimates, 2000-2020 (updated September 2021) in parentheses. Injury intent and mechanism are classified following the National Center for Health Statistics external cause of injury matrix (based on the International Classification of Diseases 10th Revisions (ICD-10) codes). See definitions on page 2.

*Rate estimate should be interpreted with caution. Estimate's Relative Standard Error (a measure of estimate precision) is greater than 30%, making the estimate potentially unreliable.

Injury Intents Defined

Injury intent:

Unintentional: Injury that occurred without intent to cause harm, also known as "accident" (ICD-10 codes:V01-X59, Y85-Y86)

Homicide: Injury inflicted by another person, with the intent to cause harm (ICD-10 codes of U01-U02, X85-Y09, Y87.1).

Suicide: Intentional injury resulting from self-harm (ICD-10 codes of U03, X60-X84, Y87.0).

Undetermined: Injury for which the intent cannot be determined (ICD-10 codes of Y10-Y34, Y87.2, Y89.9).