

10 Leading Causes of Injury Hospitalization, New York City, 2012-2014

Rank	Age Groups (years)										Total
	<1	1-4	5-9	10-14	15-24	25-34	35-44	45-54	55-64	65+	
1	Unintentional Fall 188 (221)	Unintentional Fall 115 (506)	Unintentional Fall 101 (489)	Unintentional Fall 79 (369)	Unintentional MVT 72 (808)	Unintentional Fall 86 (1,269)	Unintentional Fall 124 (1,457)	Unintentional Fall 240 (2,677)	Unintentional Fall 401 (3,829)	Unintentional Fall 1,690 (18,143)	Unintentional Fall 353 (29,736)
2	Unintentional Fire/Burn 74 (88)	Unintentional Fire/Burn 60 (264)	Unintentional MVT 23 (110)	Unintentional MVT 40 (186)	Unintentional Fall 69 (776)	Unintentional MVT 59 (878)	Unintentional Poisoning 61 (721)	Unintentional Poisoning 126 (1,411)	Unintentional Poisoning 107 (1,022)	Unintentional Not Specified 182 (1,957)	Unintentional Poisoning 61 (5,184)
3	Unintentional Not Specified 61 (72)	Unintentional Poisoning 45 (197)	Unintentional Natural/Envir 19 (90)	Self-Inflicted Poisoning 28 (129)	Self-Inflicted Poisoning 69 (771)	Self-Inflicted Poisoning 37 (553)	Unintentional MVT 56 (659)	Unintentional Not Specified 70 (786)	Unintentional Not Specified 86 (818)	Undetermined Not Specified 120 (1,291)	Unintentional MVT 57 (4,847)
4	Unintentional Other Spec 35 (41)	Unintentional Natural/Envir 38 (167)	Unintentional Other Spec 16 (77)	Unintentional Struck By/Against 22 (100)	Assault Struck By/Against 42 (466)	Unintentional Poisoning 35 (518)	Self-Inflicted Poisoning 40 (472)	Unintentional MVT 62 (697)	Unintentional MVT 66 (632)	Unintentional Other Spec 90 (963)	Unintentional Not Specified 57 (4,832)
5	Unintentional NEC 33 (38)	Unintentional Other Spec 33 (147)	Unintentional Fire/Burn 15 (71)	Unintentional Other Spec 14 (66)	Assault Cut/Pierce 33 (370)	Assault Struck By/Against 34 (498)	Unintentional Not Specified 40 (468)	Undetermined Poisoning 51 (572)	Unintentional Other Spec 50 (477)	Unintentional Poisoning 84 (903)	Unintentional Other Spec 39 (3,250)
6	Unintentional Poisoning 24 (29)	Unintentional Not Specified 13 (59)	Unintentional Struck By/Against 10 (49)	Unintentional Natural/Envir 13 (62)	Assault Firearm 27 (307)	Unintentional Not Specified 24 (357)	Unintentional Other Spec 33 (390)	Unintentional Other Spec 48 (531)	Undetermined Not Specified 44 (423)	Unintentional MVT 78 (836)	Self-Inflicted Poisoning 35 (2,921)
7	Unintentional Suffocation 21 (24)	Unintentional Struck By/Against 13 (58)	Unintentional Poisoning 9 (45)	Unintentional Not Specified 13 (59)	Unintentional Poisoning 27 (298)	Unintentional Other Spec 22 (324)	Assault Struck By/Against 29 (343)	Self-Inflicted Poisoning 46 (510)	Undetermined Poisoning 40 (382)	Unintentional NEC 60 (646)	Undetermined Not Specified 28 (2,319)
8	Unintentional Natural/Envir 21 (24)	Unintentional NEC 9 (40)	Unintentional Not Specified 7 (34)	Unintentional NEC 11 (52)	Unintentional Other Spec 21 (235)	Assault Cut/Pierce 20 (291)	Undetermined Poisoning 24 (283)	Assault Struck By/Against 32 (355)	Unintentional NEC 34 (320)	Unintentional Natural/Envir 38 (409)	Unintentional NEC 25 (2,075)
9	Assault Other Spec 13 (16)	Unintentional MVT 9 (40)	Unintentional NEC 6 (30)	Self-Inflicted Cut/Pierce 11 (51)	Unintentional Not Specified 20 (222)	Undetermined Poisoning 16 (238)	Unintentional NEC 19 (227)	Unintentional NEC 31 (341)	Self-Inflicted Poisoning 31 (300)	Unintentional Struck By/Against 27 (290)	Assault Struck By/Against 23 (1,960)
10	Unintentional Struck By/Against 11 (13)	Unintentional Suffocation 7 (31)	Unintentional Other Pedal Cyc 6 (29)	Unintentional Poisoning 9 (41)	Self-Inflicted Cut/Pierce 19 (211)	Assault NEC 15 (223)	Unintentional Natural/Envir 15 (180)	Undetermined Not Specified 24 (267)	Unintentional Natural/Envir 25 (238)	Unintentional Fire/Burn 22 (238)	Undetermined Poisoning 22 (1,868)

Source: New York Statewide Planning and Research Cooperative System (SPARCS) (updated October 2015) hospitalization live discharges. Analyzed by: Office of Research and Surveillance, Bureau of Environmental Disease and Injury Prevention, NYC DOHMH.

Statistics reported as the age-specific and total crude rate per 100,000 population according to NYC DOHMH intercensal estimates (updated October 2015) and the average number of hospitalizations per year 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 9-CM Revisions (ICD-9-CM) codes). See definitions on page 2.

*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.

Legend:

- Unintentional Fall
- Unintentional Motor Vehicle Traffic (MVT)
- Unintentional Poisoning
- Assault Firearm
- Self-Inflicted Poisoning

Tied Rank

Cell: rate (average # of hospitalizations per year)

Injury Intents and Mechanisms Defined

Injury intent:

Unintentional: Injury that occurred without intent to cause harm, also known as "accident" (ICD-9-CM E-Codes of E800-E869, E880-E929).

Assault: Injury inflicted by another person, with the intent to cause harm (ICD-9-CM E-Codes of E960-E969).

Self-Inflicted: Intentional injury resulting from self-harm (ICD-9-CM E-Codes of E950-959).

Undetermined: Injury for which the intent cannot be determined (ICD-9-CM E-Codes of E980-E989).

Injury mechanism:

Cut/pierce: Injury resulting from an incision, slash, penetration, or puncture or sharp instrument, weapon, or object.

Fall: Injury received when someone descends abruptly as a result of the force of gravity and strikes a surface at the same or lower level.

Fire/burn: Injury resulting from severe exposure to flames, heat or smoke inhalation.

Firearm: Injury resulting from penetrating force from a bullet or other projectile shot from a powder-charged gun.

Motor vehicle traffic (MVT): Injury from a motor vehicle collision including injuries to a motor vehicle occupant, pedestrian, or pedal cyclist.

Natural/environmental: Injury resulting from exposure to adverse natural and environmental conditions (e.g., severe heat, severe cold, lightning, tornadoes, and natural disasters), as well as lack of food or water.

Not elsewhere classified (NEC): Injury not classifiable in another category.

Not specified: Injury missing either the manner (e.g., intentional, unintentional) or mechanism (e.g., Motor vehicle, firearm) of the Injury.

Other pedal cyclist: Injury to a pedal cyclist from a non-motor vehicle transportation-related crash.

Other specified: Injury associated with any other specified cause that does not fit another category.

Poisoning: Injury resulting from ingestion, inhalation, absorption through the skin, or injection of so much of a drug, toxin, or other chemical that a harmful effect results (e.g., drug overdoses). This category does not include harmful effects from normal therapeutic drugs (i.e., unexpected adverse effects to a drug administered correctly to treat a condition) or bacterial illnesses.

Struck by/against: Injury resulting from being struck by (i.e., hit) or crushed by a human, animal, or inanimate object or force other than a vehicle or machinery.

Suffocation: Inhalation, aspiration, or ingestion of food or other object that blocks the airway or causes suffocation; intentional or accidental mechanical suffocation caused by hanging, strangulation, lack of air in a closed place, plastic bag or falling earth. This category does not include injury resulting from a foreign body that does not block the airway.

[ICD-9-CM External Cause of Injury Coding Matrix: http://www.cdc.gov/nchs/data/injury/icd9_external.pdf](http://www.cdc.gov/nchs/data/injury/icd9_external.pdf)