

10 Leading Causes of Injury Emergency Department (ED) Visits, 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 3,172 (3,736)	Unintentional Fall 4,800 (21,110)	Unintentional Fall 3,011 (14,545)	Unintentional Fall 2,494 (11,621)	Unintentional Fall 1,531 (17,153)	Unintentional Fall 1,265 (18,751)	Unintentional Fall 1,348 (15,860)	Unintentional Fall 1,828 (20,411)	Unintentional Fall 2,075 (19,821)	Unintentional Fall 3,066 (32,902)	Unintentional Fall 2,086 (175,910)
2	Unintentional Struck By/Against 465 (548)	Unintentional Struck By/Against 1,571 (6,909)	Unintentional Struck By/Against 1,526 (7,371)	Unintentional Struck By/Against 1,830 (8,530)	Unintentional Struck By/Against 1,272 (14,254)	Unintentional MVT 895 (13,262)	Unintentional MVT 774 (9,104)	Unintentional MVT 720 (8,044)	Unintentional MVT 526 (5,021)	Unintentional Not Specified 422 (4,530)	Unintentional Struck By/Against 835 (70,393)
3	Unintentional Not Specified 406 (478)	Unintentional Natural/Envir 1,086 (4,777)	Unintentional Natural/Envir 594 (2,870)	Unintentional Overexertion 782 (3,642)	Unintentional MVT 902 (10,105)	Unintentional Struck By/Against 756 (11,204)	Unintentional Struck By/Against 645 (7,593)	Unintentional Not Specified 643 (7,179)	Unintentional Not Specified 495 (4,733)	Unintentional MVT 296 (3,179)	Unintentional MVT 634 (53,450)
4	Unintentional Other Spec 335 (394)	Unintentional Other Spec 1,024 (4,503)	Unintentional Other Spec 583 (2,815)	Unintentional Not Specified 586 (2,729)	Unintentional Overexertion 820 (9,193)	Unintentional Cut/Pierce 745 (11,040)	Unintentional Overexertion 617 (7,263)	Unintentional Struck By/Against 604 (6,749)	Unintentional Struck By/Against 437 (4,170)	Unintentional Struck By/Against 286 (3,064)	Unintentional Not Specified 590 (49,729)
5	Unintentional Natural/Envir 335 (394)	Unintentional Not Specified 718 (3,159)	Unintentional Not Specified 509 (2,459)	Unintentional NEC 451 (2,103)	Unintentional Cut/Pierce 767 (8,598)	Unintentional Not Specified 618 (9,156)	Unintentional Cut/Pierce 608 (7,150)	Unintentional Overexertion 573 (6,399)	Unintentional Overexertion 371 (3,547)	Unintentional NEC 217 (2,324)	Unintentional Overexertion 522 (43,994)
6	Unintentional NEC 276 (325)	Unintentional NEC 477 (2,099)	Unintentional Cut/Pierce 358 (1,729)	Unintentional MVT 411 (1,916)	Unintentional Not Specified 734 (8,221)	Unintentional Overexertion 614 (9,096)	Unintentional Not Specified 602 (7,084)	Unintentional Cut/Pierce 508 (5,674)	Unintentional Cut/Pierce 368 (3,511)	Unintentional Cut/Pierce 198 (2,127)	Unintentional Cut/Pierce 513 (43,289)
7	Unintentional Fire/Burn 240 (283)	Unintentional Cut/Pierce 363 (1,595)	Unintentional NEC 354 (1,711)	Unintentional Cut/Pierce 371 (1,730)	Assault Struck By/Against 601 (6,736)	Assault Struck By/Against 406 (6,025)	Unintentional NEC 379 (4,461)	Unintentional NEC 391 (4,370)	Unintentional NEC 290 (2,774)	Unintentional Overexertion 183 (1,964)	Unintentional NEC 376 (31,702)
8	Unintentional MVT 202 (238)	Unintentional Overexertion 336 (1,479)	Unintentional MVT 318 (1,537)	Unintentional Other Spec 348 (1,623)	Unintentional NEC 505 (5,654)	Unintentional NEC 397 (5,881)	Assault Struck By/Against 299 (3,518)	Unintentional Other Spec 263 (2,941)	Unintentional Other Spec 191 (1,825)	Unintentional Other Spec 125 (1,342)	Unintentional Other Spec 316 (26,624)
9	Unintentional Poisoning 125 (147)	Unintentional Poisoning 293 (1,287)	Unintentional Overexertion 270 (1,303)	Unintentional Natural/Envir 317 (1,477)	Unintentional Other Spec 329 (3,686)	Unintentional Other Spec 287 (4,254)	Unintentional Other Spec 275 (3,241)	Assault Struck By/Against 249 (2,781)	Unintentional Natural/Envir 172 (1,641)	Unintentional Natural/Envir 115 (1,234)	Unintentional Natural/Envir 286 (24,119)
10	Unintentional Cut/Pierce 115 (135)	Unintentional Fire/Burn 257 (1,130)	Unintentional Other Pedal Cyc 117 (565)	Assault Struck By/Against 276 (1,285)	Unintentional Natural/Envir 314 (3,524)	Unintentional Natural/Envir 233 (3,449)	Unintentional Natural/Envir 200 (2,358)	Unintentional Natural/Envir 215 (2,396)	Assault Struck By/Against 123 (1,177)	Undetermined Not Specified 51 (543)	Assault Struck By/Against 264 (22,298)

Source: New York Statewide Planning and Research Cooperative System (SPARCS) (updated October 2015) ED treat and release 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 ED visits 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

Cell: rate (average # of ED visits 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.

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.

Overexertion: Injury resulting from strenuous and repetitive movements such as typing, lifting heavy objects, or working in an awkward position. These injuries are commonly caused in the workplace, but may also be sustained during exercise, sports, or video-gaming.

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.

[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)