Title: Ten Leading Causes of Non-Fatal Unintentional Injury Emergency Department Visits by Age Group, Florida Residents — 2016

Produced by: Violence and Injury Prevention Program, Division of Community Health Promotion, Florida Department of Health, Tallahassee, Florida 32399, (850) 245-4455

Data Source: Florida Agency for Health Care Administration Emergency Department Data

Proposed Case Definition (ICD-10-CM): Principal Diagnosis All S Codes, T36-T50 with a 6th character of 1, 2, 3, or 4 (Exceptions: T36.9, T37.9, T39.9, T41.7, T42.7, T43.9, T45.9, T47.9, and T49.9 with 5th character of 1, 2, 3, or 4), T51-T65, T66-T77, T79 or any valid external cause of injury code V00-V99, W00-X58, X71-X83, X92-Y09, Y21-Y32, Y35-Y38, T14.91, T15-T19, T36-T50 with a 6th character of 1, 2, 3, or 4 (Exceptions: T36.9, T37.9, T39.9, T41.7, T42.7, T43.9, T45.9, T47.9, and T49.9 with 5th character of 1, 2, 3, or 4), T51-T65, T71, T73, T74, T76, T75.0, T75.2, T75.3. Cases with 7th character S (Sequela) are excluded.

Note: Effective October 1, 2015, the hospital record coding system transitioned to the International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM). Increases or decreases starting in 2015 could be a result of the coding changes. Results may be subject to change. Aggregate counts less than 5 are suppressed.

MVT - Motor Vehicle Traffic, NEC - Not Elsewhere Classifiable

First Ranking Cause
For under 1 year old is fall (9,701), for 1–4 years old is fall (46,505), for 5–9 years old is fall (38,504), for 10–14 years old is fall (34,611), for 15–19 years old is unspecified (24,362), for 20–24 years old is MVT occupant (24,854), for 25–34 years old is unspecified (53,655), for 35–44 years old is unspecified (44,648), for 45–54 years old is fall (51,026), for 55–64 years old is fall (58,003), and for 65 years old and older is fall (164,157).

For all ages the first ranking cause of non-fatal unintentional injury emergency department visits in Florida is fall (523,306).

Second Ranking Cause
For under 1 year old is unspecified (2,155), for 1–4 years old is struck by / against (16,078), for 5–9 years old is struck by / against (20,043), for 10–14 years old is struck by / against (25,358), for 15–19 years old is struck by / against (21,765), for 20–24 years old is unspecified (23,557), for 25–34 years old is MVT occupant (41,571), for 35–44 years old is fall (39,804), for 45–54 years old is unspecified (40,081), for 55–64 years old is unspecified (28,353), and for 65 years old and older is unspecified (36,084).

For all ages the second ranking cause of non-fatal unintentional injury emergency department visits in Florida is unspecified (303,638).
**Third Ranking Cause**

For under 1 year old is bite / sting, nonvenomous (1,684),
for 1–4 years old is unspecified (14,870),
for 5–9 years old is unspecified (14,397),
for 10–14 years old is unspecified (21,474),
for 15–19 years old is fall (21,483),
for 20–24 years old is fall (18,076),
for 25–34 years old is fall (41,435),
for 35–44 years old is MVT occupant (27,644),
for 45–54 years old is MVT occupant (24,568),
for 55–64 years old is MVT occupant (18,307),
and for 65 years old and older is struck by against (19,235).

For all ages the third ranking cause of non-fatal unintentional injury emergency department visits in Florida is struck by / against (198,111).

**Fourth Ranking Cause**

For under 1 year old is struck by / against (1,421),
for 1–4 years old is bite / sting, nonvenomous (10,949),
for 5–9 years old is bite / sting, nonvenomous (7,172),
for 10–14 years old is cut / pierce (5,805),
for 15–19 years old is MVT occupant (17,385),
for 20–24 years old is struck by / against (14,478),
for 25–34 years old is struck by / against (27,601),
for 35–44 years old is struck by / against (20,532),
for 45–54 years old is struck by / against (17,915),
for 55–64 years old is struck by / against (13,684),
and for 65 years old and older is MVT occupant (15,701).

For all ages the fourth ranking cause of non-fatal unintentional injury emergency department visits in Florida is MVT occupant (186,294).

**Fifth Ranking Cause**

For under 1 year old is MVT occupant (1,108),
for 1–4 years old is foreign body (8,064),
for 5–9 years old is MVT occupant (5,537),
for 10–14 years old is MVT occupant (5,730),
for 15–19 years old is cut / pierce (7,782),
for 20–24 years old is cut / pierce (10,768),
for 25–34 years old is cut / pierce (20,811),
for 35–44 years old is cut / pierce (14,895),
for 45–54 years old is cut / pierce (13,218),
for 55–64 years old is cut / pierce (9,946),
and for 65 years old and older is cut / pierce (10,841).

For all ages the fifth ranking cause of non-fatal unintentional injury emergency department visits in Florida is cut / pierce (103,497).

**Sixth Ranking Cause**

For under 1 year old is foreign body (898),
for 1–4 years old is MVT occupant (3,884),
for 5–9 years old is cut / pierce (5,363),
for 10–14 years old is bite / sting, nonvenomous (4,480),
for 15–19 years old is bite / sting, nonvenomous (4,115),
for 20–24 years old is bite / sting, nonvenomous (4,609),
for 25–34 years old is bite / sting, nonvenomous (8,791),
for 35–44 years old is bite / sting, nonvenomous (6,866),
for 45–54 years old is bite / sting, nonvenomous (6,949),
for 55–64 years old is bite / sting, nonvenomous (5,335),
and for 65 years old and older is bite / sting, nonvenomous (5,526).

For all ages the sixth ranking cause of non-fatal unintentional injury emergency department visits in Florida is bite / sting, nonvenomous (66,476).

**Seventh Ranking Cause**

For under 1 year old is cut / pierce (304),
for 1–4 years old is cut / pierce (3,764),
for 5–9 years old is foreign body (4,529),
for 10–14 years old is other specified, classifiable (2,714),
for 15–19 years old is MVT other / unspecified (2,614),
for 20–24 years old is MVT other / unspecified (4,175),
for 25–34 years old is MVT other / unspecified (6,988),
for 35–44 years old is MVT other / unspecified (4,753),
for 45–54 years old is MVT other / unspecified (4,170),
for 55–64 years old is MVT other / unspecified (3,043),
and for 65 years old and older is foreign body (3,725).

For all ages the seventh ranking cause of non-fatal unintentional injury emergency department visits in Florida is foreign body (36,821).

**Eighth Ranking Cause**

For under 1 year old is hot object / substance (269),
for 1–4 years old is other specified, classifiable (2,970),
for 5–9 years old is other specified, classifiable (2,731),
for 10–14 years old is overexertion (2,361),
for 15–19 years old is overexertion (2,484),
for 20–24 years old is drug poisoning (2,683),
for 25–34 years old is drug poisoning (6,698),
for 35–44 years old is overexertion (4,318),
for 45–54 years old is overexertion (3,859),
for 55–64 years old is overexertion (2,731),
and for 65 years old and older is overexertion (2,706).

For all ages the eighth ranking cause of non-fatal unintentional injury emergency department visits in Florida is MVT other / unspecified (30,528).

**Ninth Ranking Cause**

For under 1 year old is other specified, classifiable (258),
for 1–4 years old is drug poisoning (2,595),
for 5–9 years old is pedalcyclist, other (1,635),
for 10–14 years old is pedalcyclist, other (1,938),
for 15–19 years old is other specified, classifiable (2,358),
for 20–24 years old is other specified, classifiable (2,358),
for 25–34 years old is overexertion (4,977),
for 35–44 years old is drug poisoning (3,805),
for 45–54 years old is foreign body (3,563),
for 55–64 years old is foreign body (2,595),
and for 65 years old and older is MVT other / unspecified (2,685).

For all ages the **ninth ranking** cause of non-fatal unintentional injury emergency department visits in Florida is **other specified, classifiable** (27,817).

**Tenth Ranking Cause**

For under 1 year old is non-drug poisoning (221),
for 1–4 years old is hot object / substance (2,116),
for 5–9 years old is bite / sting, venomous (1,563),
for 10–14 years old is foreign body (1,542),
for 15–19 years old is foreign body (1,631),
for 20–24 years old is foreign body (2,111),
for 25–34 years old is foreign body (4,475),
for 35–44 years old is foreign body (3,688),
for 45–54 years old is other specified, classifiable (2,865),
for 55–64 years old is drug poisoning (2,115),
and for 65 years old and older is drug poisoning (2,343).

For all ages the **tenth ranking** cause of non-fatal unintentional injury emergency department visits in Florida is **overexertion** (27,078).
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Note: Effective October 1, 2015, the hospital record coding system transitioned to the International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM). Increases or decreases starting in 2015 could be a result of the coding changes. Results may be subject to change. Aggregate counts less than 5 are suppressed. Currently, there is no official definition for violence-related injury in hospital data. Epidemiologist consulted with the Centers for Disease Control and Prevention (CDC). Violence-related injuries include self-harm, assault, and legal intervention. Legal Intervention includes “Injury or poisoning caused by police or other legal authorities (including security guards) during law enforcement activities. Includes injuries and poisonings (mace, pepper spray) inflicted during legal action or execution, or while attempting to enforce the law such as arrest or restraint of arrested persons” (Centers for Disease Control and Prevention, 2007). Not all self-harm injuries are considered suicide attempts, as these two concepts are defined differently and self-harm can occur without suicidal intent.

MVT - Motor Vehicle Traffic, NEC - Not Elsewhere Classifiable, Legal Int. – Legal Intervention

First Ranking Cause

For under 1 year old is assault child / adult abuse (64), for 1–4 years old is assault child / adult abuse (390), for 5–9 years old is assault struck by / against (482), for 10–14 years old is assault struck by / against (2,021), for 15–19 years old is assault struck by / against (4,886), for 20–24 years old is assault struck by / against (6,202), for 25–34 years old is assault struck by / against (11,167), for 35–44 years old is assault struck by / against (6,609), for 45–54 years old is assault struck by / against (5,142), for 55–64 years old is assault struck by / against (2,753), and for 65 years old and older is assault struck by / against (1,002).

For all ages the first ranking cause of non-fatal violence-related injury emergency department visits in Florida is assault struck by / against (40,384).

Second Ranking Cause

For under 1 year old is assault struck by / against (25), for 1–4 years old is assault struck by / against (92), for 5–9 years old is assault child / adult abuse (251), for 10–14 years old is self-harm drug poisoning (478), for 15–19 years old is self-harm drug poisoning (1,389), for 20–24 years old is assault unspecified (973), for 25–34 years old is assault unspecified (2,029), for 35–44 years old is assault unspecified (1,351), for 45–54 years old is assault unspecified (1,108),
for 55–64 years old is assault unspecified (618),
and for 65 years old and older is assault unspecified (215).

For all ages the **second ranking** cause of non-fatal violence-related injury emergency department visits in Florida is assault unspecified (7,056).

**Third Ranking Cause**
For under 1 year old is assault other specified, NEC (9),
for 1–4 years old is assault other specified, NEC (19),
for 5–9 years old is assault other specified, NEC (46),
for 10–14 years old is self-harm cut / pierce (324),
for 15–19 years old is self-harm cut / pierce (651),
for 20–24 years old is self-harm drug poisoning (747),
for 25–34 years old is assault other specified, NEC (1,268),
for 35–44 years old is self-harm drug poisoning (881),
for 45–54 years old is self-harm drug poisoning (804)
for 55–64 years old is self-harm drug poisoning (471),
and for 65 years old and older is self-harm drug poisoning (209).

For all ages the **third ranking** cause of non-fatal violence-related injury emergency department visits in Florida is self-harm drug poisoning (6,125).

**Fourth Ranking Cause**
For under 1 year old is assault other specified, classifiable (<5),
for 1–4 years old is assault unspecified (10),
for 5–9 years old is assault unspecified (32),
for 10–14 years old is assault child / adult abuse (243),
for 15–19 years old is assault unspecified (565),
for 20–24 years old is assault other specified, NEC (690),
for 25–34 years old is self-harm drug poisoning (1,137),
for 35–44 years old is assault other specified, NEC (854),
for 45–54 years old is assault other specified, NEC (723),
for 55–64 years old is assault other specified, NEC (392),
and for 65 years old and older is assault other specified, NEC (158).

For all ages the **fourth ranking** cause of non-fatal violence-related injury emergency department visits in Florida is assault other specified, NEC (4,808).

**Fifth Ranking Cause**
For under 1 year old is assault unspecified (<5),
for 1–4 years old is assault other specified, classifiable (9),
for 5–9 years old is assault cut / pierce (21),
for 10–14 years old is assault other specified, NEC (183),
for 15–19 years old is assault other specified, NEC (465),
for 20–24 years old is assault cut / pierce (560),
for 25–34 years old is assault cut / pierce (1,046),
for 35–44 years old is assault cut / pierce (574),
for 45–54 years old is assault cut / pierce (386),
for 55–64 years old is assault cut / pierce (167),
and for 65 years old and older is assault child / adult abuse (77).

For all ages the **fifth ranking** cause of non-fatal violence-related injury emergency department visits in Florida is assault child / adult abuse (3,300).
Sixth Ranking Cause
For under 1 year old is assault cut / pierce (<5),
for 1–4 years old is assault cut / pierce (6),
for 5–9 years old is assault other specified, classifiable (16),
for 10–14 years old is assault unspecified (152),
for 15–19 years old is assault child / adult abuse (459),
for 20–24 years old is assault child / adult abuse (463),
for 25–34 years old is self-harm cut / pierce (702),
for 35–44 years old is self-harm cut / pierce (381),
for 45–54 years old is self-harm cut / pierce (273),
for 55–64 years old is self-harm cut / pierce (115),
and for 65 years old and older is self-harm cut / pierce (70).

For all ages the sixth ranking cause of non-fatal violence-related injury emergency department visits in Florida is assault cut / pierce (3,120).

Seventh Ranking Cause
For under 1 year old is assault firearm (<5),
for 1–4 years old is self-harm cut / pierce (<5),
for 5–9 years old is self-harm other specified, NEC (16),
for 10–14 years old is self-harm other specified, NEC (87),
for 15–19 years old is assault cut / pierce (261),
for 20–24 years old is self-harm cut / pierce (407),
for 25–34 years old is assault child / adult abuse (672),
for 35–44 years old is assault child / adult abuse (365),
for 45–54 years old is assault child / adult abuse (226),
for 55–64 years old is assault child / adult abuse (90),
and for 65 years old and older is self-harm unspecified (49).

For all ages the seventh ranking cause of non-fatal violence-related injury emergency department visits in Florida is self-harm cut / pierce (2,939).

Eighth Ranking Cause
For under 1 year old is self-harm cut / pierce (<5),
for 1–4 years old is self-harm other specified, classifiable (<5),
for 5–9 years old is self-harm other specified, classifiable (11),
for 10–14 years old is self-harm unspecified (84),
for 15–19 years old is self-harm unspecified (200),
for 20–24 years old is assault firearm (202),
for 25–34 years old is assault firearm (265),
for 35–44 years old is self-harm unspecified (170),
for 45–54 years old is self-harm unspecified (197),
for 55–64 years old is self-harm unspecified (88),
and for 65 years old and older is assault cut / pierce (49).

For all ages the eighth ranking cause of non-fatal violence-related injury emergency department visits in Florida is self-harm unspecified (1,167).

Ninth Ranking Cause
For under 1 year old is blank,
for 1–4 years old is assault drug poisoning (<5),
for 5–9 years old is self-harm drug poisoning (6),
for 10–14 years old is assault cut / pierce (48),
for 15–19 years old is assault firearm (195),
for 20–24 years old is self-harm unspecified (147),
for 25–34 years old is legal intervention other specified, NEC (252),
for 35–44 years old is legal intervention struck by / against (135),
for 45–54 years old is legal intervention struck by / against (93),
for 55–64 years old is legal intervention struck by / against (45),
and for 65 years old and older is self-harm other specified, NEC (19).

For all ages the ninth ranking cause of non-fatal violence-related injury emergency department visits in Florida is self-harm other specified, NEC (894).

**Tenth Ranking Cause**

For under 1 year old is blank,
for 1–4 years old is self-harm fall (<5),
for 5–9 years old is self-harm (unspecified (5),
for 10–14 years old is assault other specified, classifiable (24),
for 15–19 years old is self-harm other specified, NEC (183),
for 20–24 years old is self-harm other specified, NEC (134),
for 25–34 years old is self-harm unspecified (227),
for 35–44 years old is self-harm other specified, NEC (130),
for 45–54 years old is legal intervention other specified, NEC (89),
for 55–64 years old is self-harm other specified, NEC (41),
and for 65 years old and older is legal intervention struck by / against (17),

For all ages the tenth ranking cause of non-fatal violence-related injury emergency department visits in Florida is assault firearm (892).