

## 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, T41.4, 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-Y33, 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, T41.4, 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 (Sequelae) 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 cut / pierce \(11\)](#),  
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 \(892\)](#).