

**10 Leading Causes of Injury ED Visits By Age Group\*  
 North Carolina Residents, 2016**

**ALL AGES**

Rank	Cause	Count	Rate
1	Fall - Unintentional	202,052	1,991.2
2	MVT - Unintentional	129,736	1,278.5
3	Unspecified - Unintentional	91,510	901.8
4	Struck - Unintentional	55,423	546.2
5	Nat/Env - Unintentional	39,170	386.0
6	Cut/Pierce - Unintentional	27,096	267.0
7	Other Specified - Unintentional	25,549	251.8
8	Poisoning - Unintentional	17,757	175.0
9	Struck - Assault	14,541	143.3
10	Unspecified - Assault	10,234	100.9

Total Injury Case Count: 923,030 Rate: 9,096.5

**INFANTS (<1)**

Rank	Cause	Count	Rate
1	Fall - Unintentional	2,610	2,159.8
2	MVT - Unintentional	1,070	885.5
3	Unspecified - Unintentional	806	667.0
4	Other Specified - Unintentional	543	449.3
5	Nat/Env - Unintentional	357	295.4
6	Struck - Unintentional	356	294.6
7	Poisoning - Unintentional	199	164.7
8	Other Specified - Assault	125	103.4
9	Fire/Burn - Unintentional	121	100.1
10	MV-NonTraffic - Unintentional	117	96.8

Total Injury Case Count: 7,962 Rate: 6,588.8

**1 - 4 YEARS**

Rank	Cause	Count	Rate
1	Fall - Unintentional	12,228	2,518.8
2	Unspecified - Unintentional	5,307	1,093.2
3	Nat/Env - Unintentional	4,359	897.9
4	Other Specified - Unintentional	4,250	875.4
5	Struck - Unintentional	3,971	818.0
6	MVT - Unintentional	3,552	731.7
7	Poisoning - Unintentional	1,861	383.3
8	Cut/Pierce - Unintentional	1,106	227.8
9	Fire/Burn - Unintentional	873	179.8
10	Other Specified - Assault	391	80.5

Total Injury Case Count: 49,938 Rate: 10286.6

**5 - 14 YEARS**

Rank	Cause	Count	Rate
1	Fall - Unintentional	19,533	1,510.8
2	Struck - Unintentional	11,461	886.5
3	Unspecified - Unintentional	9,893	765.2
4	MVT - Unintentional	9,061	700.8
5	Nat/Env - Unintentional	5,819	450.1
6	Other Specified - Unintentional	3,992	308.8
7	Cut/Pierce - Unintentional	3,282	253.9
8	Pedal Cyclist Other - Unintentional	1,440	111.4
9	Other Land Trans - Unintentional	965	74.6
10	Struck - Assault	667	51.6

Total Injury Case Count: 101,017 Rate: 7,813.4

\* Rate suppressed, count between 1 and 4. <sup>1</sup> Rate should be interpreted with caution, count between 5 and 10. Rates are reported per 100,000.  
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**15 - 24 YEARS**

Rank	Cause	Count	Rate
1	MVT - Unintentional	30,145	2,207.2
2	Unspecified - Unintentional	14,851	1,087.4
3	Fall - Unintentional	14,484	1,060.5
4	Struck - Unintentional	11,395	834.3
5	Nat/Env - Unintentional	5,602	410.2
6	Cut/Pierce - Unintentional	5,316	389.2
7	Struck - Assault	4,073	298.2
8	Other Specified - Unintentional	3,396	248.7
9	Unspecified - Assault	2,758	201.9
10	Poisoning - Unintentional	2,581	189.0

Total Injury Case Count: 147,588 Rate: 10806.2

**25 - 44 YEARS**

Rank	Cause	Count	Rate
1	MVT - Unintentional	47,973	1,827.1
2	Fall - Unintentional	33,160	1,262.9
3	Unspecified - Unintentional	30,453	1,159.8
4	Struck - Unintentional	14,744	561.5
5	Nat/Env - Unintentional	10,879	414.3
6	Cut/Pierce - Unintentional	9,394	357.8
7	Struck - Assault	6,718	255.9
8	Other Specified - Unintentional	6,481	246.8
9	Poisoning - Unintentional	5,471	208.4
10	Unspecified - Assault	4,837	184.2

Total Injury Case Count: 261,898 Rate: 9,974.4

**45 - 64 YEARS**

Rank	Cause	Count	Rate
1	Fall - Unintentional	44,874	1,670.3
2	MVT - Unintentional	28,433	1,058.3
3	Unspecified - Unintentional	20,456	761.4
4	Struck - Unintentional	8,593	319.8
5	Nat/Env - Unintentional	8,479	315.6
6	Cut/Pierce - Unintentional	5,607	208.7
7	Poisoning - Unintentional	4,329	161.1
8	Other Specified - Unintentional	4,219	157.0
9	Struck - Assault	2,649	98.6
10	MV-NonTraffic - Unintentional	2,042	76.0

Total Injury Case Count: 196,289 Rate: 7,306.1

**AGES 65 & OVER**

Rank	Cause	Count	Rate
1	Fall - Unintentional	75,161	4,789.0
2	Unspecified - Unintentional	9,744	620.8
3	MVT - Unintentional	9,492	604.8
4	Struck - Unintentional	4,903	312.4
5	Nat/Env - Unintentional	3,674	234.1
6	Other Specified - Unintentional	2,665	169.8
7	Poisoning - Unintentional	2,648	168.7
8	Cut/Pierce - Unintentional	2,307	147.0
9	MV-NonTraffic - Unintentional	1,103	70.3
10	Pedal Cyclist Other - Unintentional	747	47.6

Total Injury Case Count: 158,292 Rate: 10085.7

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## 10 Leading Causes of Injury ED Visits By Race/Ethnicity\* North Carolina Residents, 2016

### NON-HISPANIC WHITE

Total Injury Case Count: 0    Rate: 0.0

### NON-HISPANIC BLACK

Total Injury Case Count: 0    Rate: 0.0

### NON-HISPANIC AMERICAN INDIAN

Total Injury Case Count: 0    Rate: 0.0

### NON-HISPANIC ASIAN

Total Injury Case Count: 0    Rate: 0.0

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NC DEPARTMENT OF  
**HEALTH AND  
HUMAN SERVICES**  
Division of Public Health

Caution – race classifications changed in July 2020 for all data years  
Categories of injury emergency department visits are not mutually exclusive and do not sum to the total number of injuries.  
Data Source: NC DETECT, Emergency Department Visit Data, 2016  
Analysis conducted by the NC-DPH, Injury Epidemiology, Surveillance & Informatics Unit.  
Date of analysis: 6 December 2021  
For more information on these data, go to the Injury Surveillance Technical Notes Document:  
<https://www.injuryfrenc.ncdhhs.gov/DataSurveillance/Technical-Notes.pdf>  
NCDHHS is an equal opportunity employer and provider.

## 10 Leading Causes of Injury ED Visits By Race/Ethnicity & Gender\* North Carolina Residents, 2016

### HISPANIC

Total Injury Case Count: 0      Rate: 0.0

### FEMALE

Rank	Cause	Count	Rate
1	Fall - Unintentional	119,088	2,284.1
2	MVT - Unintentional	70,748	1,356.9
3	Unspecified - Unintentional	46,250	887.1
4	Struck - Unintentional	23,332	447.5
5	Nat/Env - Unintentional	20,600	395.1
6	Other Specified - Unintentional	11,027	211.5
7	Cut/Pierce - Unintentional	9,235	177.1
8	Poisoning - Unintentional	8,649	165.9
9	Struck - Assault	6,965	133.6
10	MV-NonTraffic - Unintentional	5,601	107.4

Total Injury Case Count: 470,730 Rate: 9,028.6

### MALE

Rank	Cause	Count	Rate
1	Fall - Unintentional	82,955	1,681.7
2	MVT - Unintentional	58,951	1,195.1
3	Unspecified - Unintentional	45,257	917.4
4	Struck - Unintentional	32,089	650.5
5	Nat/Env - Unintentional	18,569	376.4
6	Cut/Pierce - Unintentional	17,861	362.1
7	Other Specified - Unintentional	14,518	294.3
8	Poisoning - Unintentional	9,102	184.5
9	Struck - Assault	7,572	153.5
10	Unspecified - Assault	5,047	102.3

Total Injury Case Count: 452,162 Rate: 9,166.2

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