

**10 Leading Causes of Injury ED Visits By Age Group*
 North Carolina Residents, 2023**

ALL AGES

Rank	Cause	Count	Rate
1	Mechanism & Intent Undetermined	290,275	2,678.9
2	Fall - Unintentional	259,507	2,395.0
3	MVT - Unintentional	121,930	1,125.3
4	Unspecified - Unintentional	51,355	474.0
5	Nat/Env - Unintentional	39,271	362.4
6	Struck - Unintentional	37,488	346.0
7	Poisoning - Unintentional	29,125	268.8
8	Other Specified - Unintentional	27,515	253.9
9	Cut/Pierce - Unintentional	20,651	190.6
10	Overexertion - Unintentional	20,620	190.3

Total Injury Case Count: 939,765 Rate: 8,673.1

INFANTS (<1)

Rank	Cause	Count	Rate
1	Fall - Unintentional	3,515	2,914.5
2	Mechanism & Intent Undetermined	2,040	1,691.5
3	MVT - Unintentional	738	611.9
4	Unspecified - Unintentional	689	571.3
5	Other Specified - Unintentional	647	536.5
6	Other Specified - Assault	306	253.7
7	Nat/Env - Unintentional	280	232.2
8	Struck - Unintentional	249	206.5
9	Poisoning - Unintentional	211	175.0
10	Fire/Burn - Unintentional	77	63.8

Total Injury Case Count: 8,650 Rate: 7,172.4

1 - 4 YEARS

Rank	Cause	Count	Rate
1	Mechanism & Intent Undetermined	16,328	3,360.7
2	Fall - Unintentional	12,105	2,491.5
3	Other Specified - Unintentional	4,479	921.9
4	Unspecified - Unintentional	3,228	664.4
5	Nat/Env - Unintentional	3,132	644.6
6	MVT - Unintentional	2,727	561.3
7	Struck - Unintentional	2,295	472.4
8	Poisoning - Unintentional	1,897	390.4
9	Cut/Pierce - Unintentional	738	151.9
10	Other Specified - Assault	555	114.2

Total Injury Case Count: 46,956 Rate: 9,664.7

5 - 14 YEARS

Rank	Cause	Count	Rate
1	Mechanism & Intent Undetermined	38,615	2,966.8
2	Fall - Unintentional	15,787	1,212.9
3	MVT - Unintentional	7,880	605.4
4	Struck - Unintentional	6,802	522.6
5	Nat/Env - Unintentional	4,885	375.3
6	Unspecified - Unintentional	4,590	352.7
7	Other Specified - Unintentional	4,116	316.2
8	Overexertion - Unintentional	2,093	160.8
9	Cut/Pierce - Unintentional	2,053	157.7
10	Poisoning - Unintentional	1,138	87.4

Total Injury Case Count: 91,834 Rate: 7,055.7

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15 - 24 YEARS

Rank	Cause	Count	Rate
1	Mechanism & Intent Undetermined	41,824	2,882.8
2	MVT - Unintentional	25,265	1,741.4
3	Fall - Unintentional	11,179	770.5
4	Struck - Unintentional	7,201	496.3
5	Unspecified - Unintentional	6,349	437.6
6	Nat/Env - Unintentional	4,909	338.4
7	Poisoning - Unintentional	3,970	273.6
8	Cut/Pierce - Unintentional	3,897	268.6
9	Overexertion - Unintentional	3,736	257.5
10	Unspecified - Assault	3,570	246.1

Total Injury Case Count: 123,525 Rate: 8,514.2

25 - 44 YEARS

Rank	Cause	Count	Rate
1	Mechanism & Intent Undetermined	74,293	2,614.2
2	MVT - Unintentional	43,765	1,540.0
3	Fall - Unintentional	26,341	926.9
4	Unspecified - Unintentional	14,005	492.8
5	Poisoning - Unintentional	11,437	402.4
6	Nat/Env - Unintentional	10,984	386.5
7	Struck - Unintentional	9,487	333.8
8	Unspecified - Assault	7,658	269.5
9	Cut/Pierce - Unintentional	7,039	247.7
10	Overexertion - Unintentional	6,796	239.1

Total Injury Case Count: 228,364 Rate: 8,035.7

45 - 64 YEARS

Rank	Cause	Count	Rate
1	Mechanism & Intent Undetermined	61,075	2,240.2
2	Fall - Unintentional	51,936	1,905.0
3	MVT - Unintentional	27,900	1,023.3
4	Unspecified - Unintentional	12,242	449.0
5	Nat/Env - Unintentional	9,344	342.7
6	Poisoning - Unintentional	7,109	260.8
7	Struck - Unintentional	6,279	230.3
8	Overexertion - Unintentional	5,032	184.6
9	Other Specified - Unintentional	4,699	172.4
10	Cut/Pierce - Unintentional	4,494	164.8

Total Injury Case Count: 198,111 Rate: 7,266.5

AGES 65 & OVER

Rank	Cause	Count	Rate
1	Fall - Unintentional	138,296	7,246.3
2	Mechanism & Intent Undetermined	55,501	2,908.1
3	MVT - Unintentional	12,958	679.0
4	Unspecified - Unintentional	10,231	536.1
5	Nat/Env - Unintentional	5,722	299.8
6	Struck - Unintentional	5,160	270.4
7	Other Specified - Unintentional	4,069	213.2
8	Poisoning - Unintentional	3,062	160.4
9	Overexertion - Unintentional	2,590	135.7
10	Cut/Pierce - Unintentional	2,351	123.2

Total Injury Case Count: 239,676 Rate: 12558.3

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NC DEPARTMENT OF HEALTH AND HUMAN SERVICES North Carolina Injury & Violence Prevention Branch

10 Leading Causes of Injury ED Visits By Race/Ethnicity* North Carolina Residents, 2023

NON-HISPANIC WHITE

Rank	Cause	Count	Rate
1	Fall - Unintentional	184,744	2,810.5
2	Mechanism & Intent Undetermined	160,316	2,438.9
3	MVT - Unintentional	47,986	730.0
4	Unspecified - Unintentional	30,254	460.3
5	Nat/Env - Unintentional	24,651	375.0
6	Struck - Unintentional	22,259	338.6
7	Poisoning - Unintentional	17,306	263.3
8	Other Specified - Unintentional	15,787	240.2
9	Cut/Pierce - Unintentional	12,920	196.6
10	Overexertion - Unintentional	12,063	183.5

Total Injury Case Count: 545,481 Rate: 8,298.4

NON-HISPANIC BLACK

Rank	Cause	Count	Rate
1	Mechanism & Intent Undetermined	84,647	3,720.9
2	MVT - Unintentional	51,569	2,266.9
3	Fall - Unintentional	48,723	2,141.8
4	Unspecified - Unintentional	13,919	611.9
5	Struck - Unintentional	9,419	414.0
6	Nat/Env - Unintentional	8,754	384.8
7	Poisoning - Unintentional	8,096	355.9
8	Unspecified - Assault	7,180	315.6
9	Other Specified - Unintentional	6,858	301.5
10	Overexertion - Unintentional	6,028	265.0

Total Injury Case Count: 260,044 Rate: 11431.0

NON-HISPANIC AMERICAN INDIAN

Rank	Cause	Count	Rate
1	Mechanism & Intent Undetermined	5,128	4,600.8
2	Fall - Unintentional	2,409	2,161.3
3	MVT - Unintentional	1,591	1,427.4
4	Poisoning - Unintentional	455	408.2
5	Nat/Env - Unintentional	404	362.5
6	Unspecified - Assault	396	355.3
7	Unspecified - Unintentional	286	256.6
8	Other Specified - Unintentional	270	242.2
9	Struck - Unintentional	202	181.2
10	Struck - Assault	111	99.6

Total Injury Case Count: 11,796 Rate: 10583.2

NON-HISPANIC ASIAN

Rank	Cause	Count	Rate
1	Mechanism & Intent Undetermined	2,824	717.9
2	Fall - Unintentional	1,957	497.5
3	MVT - Unintentional	1,366	347.2
4	Nat/Env - Unintentional	385	97.9
5	Unspecified - Unintentional	354	90.0
6	Struck - Unintentional	312	79.3
7	Other Specified - Unintentional	301	76.5
8	Cut/Pierce - Unintentional	196	49.8
9	Poisoning - Unintentional	166	42.2
10	Overexertion - Unintentional	115	29.2

Total Injury Case Count: 8,290 Rate: 2,107.4

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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, 2023
Analysis conducted by the NCDHHS, DPH, Injury Epidemiology, Surveillance & Informatics Unit.
Date of analysis: 17 March 2025
For more information on these data, go to the Injury Surveillance Technical Notes Document:
<https://www.injuryfreenc.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, 2023

HISPANIC

Rank	Cause	Count	Rate
1	Mechanism & Intent Undetermined	20,836	1,747.0
2	Fall - Unintentional	12,384	1,038.3
3	MVT - Unintentional	11,789	988.4
4	Unspecified - Unintentional	4,386	367.7
5	Struck - Unintentional	3,547	297.4
6	Nat/Env - Unintentional	3,004	251.9
7	Other Specified - Unintentional	2,619	219.6
8	Cut/Pierce - Unintentional	2,262	189.7
9	Poisoning - Unintentional	1,680	140.9
10	Overexertion - Unintentional	1,544	129.5

Total Injury Case Count: 67,005 Rate: 5,618.0

FEMALE

Rank	Cause	Count	Rate
1	Fall - Unintentional	155,294	2,803.7
2	Mechanism & Intent Undetermined	134,386	2,426.2
3	MVT - Unintentional	64,380	1,162.3
4	Unspecified - Unintentional	25,289	456.6
5	Nat/Env - Unintentional	20,139	363.6
6	Struck - Unintentional	16,383	295.8
7	Poisoning - Unintentional	12,316	222.4
8	Other Specified - Unintentional	11,759	212.3
9	Overexertion - Unintentional	10,482	189.2
10	Unspecified - Assault	9,305	168.0

Total Injury Case Count: 478,176 Rate: 8,633.0

MALE

Rank	Cause	Count	Rate
1	Mechanism & Intent Undetermined	155,659	2,938.8
2	Fall - Unintentional	103,881	1,961.3
3	MVT - Unintentional	57,135	1,078.7
4	Unspecified - Unintentional	26,027	491.4
5	Struck - Unintentional	21,075	397.9
6	Nat/Env - Unintentional	19,122	361.0
7	Poisoning - Unintentional	16,683	315.0
8	Other Specified - Unintentional	15,744	297.2
9	Cut/Pierce - Unintentional	13,531	255.5
10	Overexertion - Unintentional	10,133	191.3

Total Injury Case Count: 460,147 Rate: 8,687.6

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