

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

## 10 Leading Causes of Injury ED Visits By Age Group\* North Carolina Residents, 2024

### ALL AGES

Rank	Cause	Count	Rate
1	Mechanism & Intent Undetermined	292,569	2,648.6
2	Fall - Unintentional	284,874	2,579.0
3	MVT - Unintentional	121,758	1,102.3
4	Unspecified - Unintentional	48,734	441.2
5	Nat/Env - Unintentional	42,556	385.3
6	Struck - Unintentional	38,556	349.0
7	Other Specified - Unintentional	30,224	273.6
8	Poisoning - Unintentional	24,594	222.6
9	Overexertion - Unintentional	21,479	194.4
10	Cut/Pierce - Unintentional	20,454	185.2

Total Injury Case Count: 972,089 Rate: 8,800.3

### INFANTS (<1)

Rank	Cause	Count	Rate
1	Fall - Unintentional	4,049	3,338.0
2	Mechanism & Intent Undetermined	2,208	1,820.3
3	MVT - Unintentional	677	558.1
4	Other Specified - Unintentional	617	508.7
5	Unspecified - Unintentional	545	449.3
6	Nat/Env - Unintentional	344	283.6
7	Struck - Unintentional	265	218.5
8	Other Specified - Assault	234	192.9
9	Poisoning - Unintentional	191	157.5
10	Poisoning - Undetermined	80	66.0

Total Injury Case Count: 9,208 Rate: 7,591.1

### 1 - 4 YEARS

Rank	Cause	Count	Rate
1	Mechanism & Intent Undetermined	16,743	3,373.9
2	Fall - Unintentional	13,123	2,644.4
3	Other Specified - Unintentional	4,777	962.6
4	Nat/Env - Unintentional	3,497	704.7
5	MVT - Unintentional	2,743	552.7
6	Unspecified - Unintentional	2,286	460.6
7	Struck - Unintentional	2,255	454.4
8	Poisoning - Unintentional	1,936	390.1
9	Cut/Pierce - Unintentional	630	127.0
10	Other Specified - Assault	550	110.8

Total Injury Case Count: 48,885 Rate: 9,850.8

### 5 - 14 YEARS

Rank	Cause	Count	Rate
1	Mechanism & Intent Undetermined	38,407	2,931.1
2	Fall - Unintentional	16,585	1,265.7
3	MVT - Unintentional	8,132	620.6
4	Struck - Unintentional	6,563	500.9
5	Nat/Env - Unintentional	4,909	374.6
6	Other Specified - Unintentional	4,332	330.6
7	Unspecified - Unintentional	3,883	296.3
8	Overexertion - Unintentional	2,103	160.5
9	Cut/Pierce - Unintentional	2,024	154.5
10	Poisoning - Unintentional	1,115	85.1

Total Injury Case Count: 92,386 Rate: 7,050.6

\* 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.  
NEC=Not Elsewhere Classifiable; MV=Motor Vehicle; MVT=Motor Vehicle Traffic; Nat/Env=Natural/Environmental



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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, 2024

Analysis conducted by the NCDHHS, DPH, Injury Epidemiology, Surveillance & Informatics Unit.

Date of analysis: 16 January 2026

For more information on these data, go to the Injury Surveillance Technical Notes Document:

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### 15 - 24 YEARS

Rank	Cause	Count	Rate
1	Mechanism & Intent Undetermined	41,802	2,817.2
2	MVT - Unintentional	25,208	1,698.9
3	Fall - Unintentional	11,527	776.9
4	Struck - Unintentional	7,293	491.5
5	Unspecified - Unintentional	6,021	405.8
6	Nat/Env - Unintentional	5,333	359.4
7	Overexertion - Unintentional	3,842	258.9
8	Cut/Pierce - Unintentional	3,794	255.7
9	Unspecified - Assault	3,733	251.6
10	Other Specified - Unintentional	3,530	237.9

Total Injury Case Count: 124,614 Rate: 8,398.4

### 25 - 44 YEARS

Rank	Cause	Count	Rate
1	Mechanism & Intent Undetermined	74,945	2,565.0
2	MVT - Unintentional	43,678	1,494.9
3	Fall - Unintentional	28,671	981.3
4	Unspecified - Unintentional	13,702	469.0
5	Nat/Env - Unintentional	12,169	416.5
6	Struck - Unintentional	9,645	330.1
7	Poisoning - Unintentional	9,094	311.2
8	Unspecified - Assault	7,667	262.4
9	Overexertion - Unintentional	7,140	244.4
10	Cut/Pierce - Unintentional	7,030	240.6

Total Injury Case Count: 232,497 Rate: 7,957.2

### 45 - 64 YEARS

Rank	Cause	Count	Rate
1	Mechanism & Intent Undetermined	61,995	2,263.9
2	Fall - Unintentional	56,465	2,061.9
3	MVT - Unintentional	28,091	1,025.8
4	Unspecified - Unintentional	12,078	441.1
5	Nat/Env - Unintentional	10,132	370.0
6	Struck - Unintentional	6,536	238.7
7	Poisoning - Unintentional	5,835	213.1
8	Overexertion - Unintentional	5,288	193.1
9	Other Specified - Unintentional	5,270	192.4
10	Cut/Pierce - Unintentional	4,531	165.5

Total Injury Case Count: 205,309 Rate: 7,497.3

### AGES 65 & OVER

Rank	Cause	Count	Rate
1	Fall - Unintentional	154,444	7,823.7
2	Mechanism & Intent Undetermined	56,459	2,860.0
3	MVT - Unintentional	13,213	669.3
4	Unspecified - Unintentional	10,218	517.6
5	Nat/Env - Unintentional	6,172	312.7
6	Struck - Unintentional	5,999	303.9
7	Other Specified - Unintentional	4,731	239.7
8	Poisoning - Unintentional	3,076	155.8
9	Overexertion - Unintentional	2,743	139.0
10	Cut/Pierce - Unintentional	2,395	121.3

Total Injury Case Count: 259,132 Rate: 13126.8

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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, 2024

### NON-HISPANIC WHITE

Rank	Cause	Count	Rate
1	Fall - Unintentional	200,219	3,024.7
2	Mechanism & Intent Undetermined	160,073	2,418.2
3	MVT - Unintentional	47,101	711.6
4	Unspecified - Unintentional	27,495	415.4
5	Nat/Env - Unintentional	26,025	393.2
6	Struck - Unintentional	22,495	339.8
7	Other Specified - Unintentional	17,211	260.0
8	Poisoning - Unintentional	13,994	211.4
9	Overexertion - Unintentional	12,622	190.7
10	Cut/Pierce - Unintentional	12,333	186.3

Total Injury Case Count: 558,099 Rate: 8,431.2

### NON-HISPANIC BLACK

Rank	Cause	Count	Rate
1	Mechanism & Intent Undetermined	84,469	3,674.3
2	Fall - Unintentional	54,929	2,389.4
3	MVT - Unintentional	50,636	2,202.6
4	Unspecified - Unintentional	14,514	631.3
5	Struck - Unintentional	10,170	442.4
6	Nat/Env - Unintentional	9,893	430.3
7	Other Specified - Unintentional	7,447	323.9
8	Unspecified - Assault	7,231	314.5
9	Poisoning - Unintentional	7,097	308.7
10	Overexertion - Unintentional	6,082	264.6

Total Injury Case Count: 268,798 Rate: 11692.4

### NON-HISPANIC AMERICAN INDIAN

Rank	Cause	Count	Rate
1	Mechanism & Intent Undetermined	4,924	4,387.2
2	Fall - Unintentional	2,694	2,400.3
3	MVT - Unintentional	1,586	1,413.1
4	Nat/Env - Unintentional	435	387.6
5	Poisoning - Unintentional	382	340.4
6	Unspecified - Assault	344	306.5
7	Other Specified - Unintentional	284	253.0
8	Unspecified - Unintentional	265	236.1
9	Struck - Unintentional	191	170.2
10	Cut/Pierce - Unintentional	124	110.5

Total Injury Case Count: 11,903 Rate: 10605.3

### NON-HISPANIC ASIAN

Rank	Cause	Count	Rate
1	Mechanism & Intent Undetermined	3,114	717.0
2	Fall - Unintentional	2,137	492.0
3	MVT - Unintentional	1,406	323.7
4	Nat/Env - Unintentional	419	96.5
5	Other Specified - Unintentional	320	73.7
6	Unspecified - Unintentional	317	73.0
7	Struck - Unintentional	257	59.2
8	Poisoning - Unintentional	177	40.8
9	Cut/Pierce - Unintentional	150	34.5
10	Overexertion - Unintentional	94	21.6

Total Injury Case Count: 8,734 Rate: 2,010.9

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## 10 Leading Causes of Injury ED Visits By Race/Ethnicity & Gender\* North Carolina Residents, 2024

### HISPANIC

Rank	Cause	Count	Rate
1	Mechanism & Intent Undetermined	22,647	1,773.3
2	Fall - Unintentional	14,456	1,131.9
3	MVT - Unintentional	12,650	990.5
4	Unspecified - Unintentional	4,158	325.6
5	Struck - Unintentional	3,641	285.1
6	Nat/Env - Unintentional	3,502	274.2
7	Other Specified - Unintentional	3,090	242.0
8	Cut/Pierce - Unintentional	2,311	181.0
9	Overexertion - Unintentional	1,753	137.3
10	Poisoning - Unintentional	1,658	129.8

Total Injury Case Count: 73,723 Rate: 5,772.7

### FEMALE

Rank	Cause	Count	Rate
1	Fall - Unintentional	169,551	2,999.9
2	Mechanism & Intent Undetermined	135,295	2,393.8
3	MVT - Unintentional	64,453	1,140.4
4	Unspecified - Unintentional	24,509	433.6
5	Nat/Env - Unintentional	21,768	385.1
6	Struck - Unintentional	17,129	303.1
7	Other Specified - Unintentional	13,027	230.5
8	Overexertion - Unintentional	11,039	195.3
9	Poisoning - Unintentional	10,868	192.3
10	Unspecified - Assault	9,350	165.4

Total Injury Case Count: 497,057 Rate: 8,794.4

### MALE

Rank	Cause	Count	Rate
1	Mechanism & Intent Undetermined	157,035	2,911.3
2	Fall - Unintentional	115,072	2,133.3
3	MVT - Unintentional	56,793	1,052.9
4	Unspecified - Unintentional	24,183	448.3
5	Struck - Unintentional	21,405	396.8
6	Nat/Env - Unintentional	20,775	385.1
7	Other Specified - Unintentional	17,170	318.3
8	Poisoning - Unintentional	13,626	252.6
9	Cut/Pierce - Unintentional	13,285	246.3
10	Overexertion - Unintentional	10,429	193.3

Total Injury Case Count: 473,539 Rate: 8,778.9

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