

10 Leading Causes of Injury Hospitalizations By Age Group* North Carolina Residents, 2022

ALL AGES

Rank	Cause	Count	Rate
1	Mechanism & Intent Undetermined	239,881	2,242.6
2	Fall - Unintentional	221,168	2,067.7
3	MVT - Unintentional	111,991	1,047.0
4	Unspecified - Unintentional	58,680	548.6
5	Struck - Unintentional	41,493	387.9
6	Nat/Env - Unintentional	35,296	330.0
7	Other Specified - Unintentional	26,567	248.4
8	Poisoning - Unintentional	23,941	223.8
9	Overexertion - Unintentional	23,908	223.5
10	Cut/Pierce - Unintentional	23,532	220.0

Total Injury Case Count: 843,434 Rate: 7,885.3

INFANTS (<1)

Rank	Cause	Count	Rate
1	Fall - Unintentional	3,342	2,758.6
2	Mechanism & Intent Undetermined	1,786	1,474.2
3	Unspecified - Unintentional	792	653.8
4	MVT - Unintentional	640	528.3
5	Other Specified - Unintentional	582	480.4
6	Struck - Unintentional	343	283.1
7	Other Specified - Assault	257	212.1
8	Nat/Env - Unintentional	214	176.6
9	Poisoning - Unintentional	183	151.1
10	Other Land Trans - Unintentional	104	85.8

Total Injury Case Count: 8,049 Rate: 6,644.0

1 - 4 YEARS

Rank	Cause	Count	Rate
1	Mechanism & Intent Undetermined	12,630	2,628.0
2	Fall - Unintentional	10,869	2,261.6
3	Other Specified - Unintentional	4,360	907.2
4	Unspecified - Unintentional	4,122	857.7
5	Struck - Unintentional	2,936	610.9
6	Nat/Env - Unintentional	2,906	604.7
7	MVT - Unintentional	2,370	493.1
8	Poisoning - Unintentional	1,694	352.5
9	Cut/Pierce - Unintentional	871	181.2
10	Fire/Burn - Unintentional	583	121.3

Total Injury Case Count: 42,271 Rate: 8,795.7

5 - 14 YEARS

Rank	Cause	Count	Rate
1	Mechanism & Intent Undetermined	29,570	2,262.9
2	Fall - Unintentional	15,905	1,217.2
3	Struck - Unintentional	7,700	589.3
4	MVT - Unintentional	7,096	543.0
5	Unspecified - Unintentional	5,697	436.0
6	Nat/Env - Unintentional	4,530	346.7
7	Other Specified - Unintentional	4,112	314.7
8	Overexertion - Unintentional	2,595	198.6
9	Cut/Pierce - Unintentional	2,581	197.5
10	Other Land Trans - Unintentional	1,459	111.7

Total Injury Case Count: 83,887 Rate: 6,419.7

* Rate suppressed, count between 1 and 4. ¹ Rate should be interpreted with caution, count between 5 and 10. Rates are reported per 100,000.
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10 Leading Causes of Injury Hospitalizations By Age Group* North Carolina Residents, 2022

15 - 24 YEARS

Rank	Cause	Count	Rate
1	Mechanism & Intent Undetermined	32,881	2,300.0
2	MVT - Unintentional	24,146	1,689.0
3	Fall - Unintentional	10,954	766.2
4	Struck - Unintentional	8,109	567.2
5	Unspecified - Unintentional	7,680	537.2
6	Nat/Env - Unintentional	4,603	322.0
7	Cut/Pierce - Unintentional	4,461	312.0
8	Overexertion - Unintentional	4,390	307.1
9	Other Land Trans - Unintentional	3,775	264.1
10	Poisoning - Unintentional	3,286	229.9

Total Injury Case Count: 115,182 Rate: 8,056.9

25 - 44 YEARS

Rank	Cause	Count	Rate
1	Mechanism & Intent Undetermined	60,711	2,171.2
2	MVT - Unintentional	40,687	1,455.1
3	Fall - Unintentional	24,689	883.0
4	Unspecified - Unintentional	16,496	589.9
5	Struck - Unintentional	10,336	369.6
6	Nat/Env - Unintentional	10,034	358.8
7	Poisoning - Unintentional	9,802	350.5
8	Overexertion - Unintentional	8,089	289.3
9	Cut/Pierce - Unintentional	8,081	289.0
10	Other Specified - Unintentional	6,408	229.2

Total Injury Case Count: 210,979 Rate: 7,545.2

45 - 64 YEARS

Rank	Cause	Count	Rate
1	Mechanism & Intent Undetermined	51,215	1,883.1
2	Fall - Unintentional	45,249	1,663.7
3	MVT - Unintentional	25,129	923.9
4	Unspecified - Unintentional	13,765	506.1
5	Nat/Env - Unintentional	8,266	303.9
6	Struck - Unintentional	7,079	260.3
7	Overexertion - Unintentional	5,811	213.7
8	Poisoning - Unintentional	5,594	205.7
9	Cut/Pierce - Unintentional	5,008	184.1
10	Other Specified - Unintentional	4,533	166.7

Total Injury Case Count: 178,255 Rate: 6,554.1

AGES 65 & OVER

Rank	Cause	Count	Rate
1	Fall - Unintentional	109,504	5,945.1
2	Mechanism & Intent Undetermined	50,264	2,728.9
3	MVT - Unintentional	10,999	597.1
4	Unspecified - Unintentional	10,085	547.5
5	Struck - Unintentional	4,955	269.0
6	Nat/Env - Unintentional	4,718	256.1
7	Other Specified - Unintentional	3,439	186.7
8	Overexertion - Unintentional	2,576	139.9
9	Cut/Pierce - Unintentional	2,434	132.1
10	Poisoning - Unintentional	2,346	127.4

Total Injury Case Count: 201,234 Rate: 10925.2

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

10 Leading Causes of Injury Hospitalizations By Race/Ethnicity* North Carolina Residents, 2022

WHITE

Rank	Cause	Count	Rate
1	Fall - Unintentional	162,135	2,165.6
2	Mechanism & Intent Undetermined	137,797	1,840.6
3	MVT - Unintentional	48,056	641.9
4	Unspecified - Unintentional	36,581	488.6
5	Struck - Unintentional	26,325	351.6
6	Nat/Env - Unintentional	23,353	311.9
7	Other Specified - Unintentional	16,014	213.9
8	Cut/Pierce - Unintentional	15,834	211.5
9	Poisoning - Unintentional	15,180	202.8
10	Overexertion - Unintentional	14,662	195.8

Total Injury Case Count: 513,694 Rate: 6,861.4

BLACK

Rank	Cause	Count	Rate
1	Mechanism & Intent Undetermined	70,264	2,969.8
2	MVT - Unintentional	48,999	2,071.0
3	Fall - Unintentional	43,231	1,827.2
4	Unspecified - Unintentional	17,292	730.9
5	Struck - Unintentional	11,470	484.8
6	Nat/Env - Unintentional	8,116	343.0
7	Other Land Trans - Unintentional	7,638	322.8
8	Overexertion - Unintentional	7,482	316.2
9	Other Specified - Unintentional	7,212	304.8
10	Poisoning - Unintentional	6,311	266.7

Total Injury Case Count: 240,299 Rate: 10156.7

AMERICAN INDIAN

Rank	Cause	Count	Rate
1	Mechanism & Intent Undetermined	5,295	3,127.9
2	Fall - Unintentional	2,013	1,189.1
3	MVT - Unintentional	1,624	959.4
4	Other Land Trans - Unintentional	549	324.3
5	Poisoning - Unintentional	548	323.7
6	Nat/Env - Unintentional	412	243.4
7	Unspecified - Unintentional	351	207.3
8	Unspecified - Assault	310	183.1
9	Other Specified - Unintentional	285	168.4
10	Struck - Unintentional	267	157.7

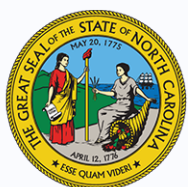
Total Injury Case Count: 11,896 Rate: 7,027.4

ASIAN

Rank	Cause	Count	Rate
1	Mechanism & Intent Undetermined	2,535	641.0
2	Fall - Unintentional	1,658	419.2
3	MVT - Unintentional	1,236	312.5
4	Unspecified - Unintentional	448	113.3
5	Nat/Env - Unintentional	372	94.1
6	Struck - Unintentional	347	87.7
7	Other Specified - Unintentional	293	74.1
8	Cut/Pierce - Unintentional	225	56.9
9	Other Land Trans - Unintentional	193	48.8
10	Poisoning - Unintentional	175	44.2

Total Injury Case Count: 7,694 Rate: 1,945.4

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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, 2022
Analysis conducted by the NCDHHS, DPH, Injury Epidemiology, Surveillance & Informatics Unit.
Date of analysis: 27 December 2024
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 Hospitalizations By Race/Ethnicity & Gender*
 North Carolina Residents, 2022**

HISPANIC

Rank	Cause	Count	Rate
1	Mechanism & Intent Undetermined	12,409	1,038.6
2	Fall - Unintentional	9,771	817.8
3	MVT - Unintentional	8,668	725.5
4	Unspecified - Unintentional	4,347	363.8
5	Struck - Unintentional	3,443	288.2
6	Nat/Env - Unintentional	2,350	196.7
7	Cut/Pierce - Unintentional	2,219	185.7
8	Other Specified - Unintentional	2,216	185.5
9	Overexertion - Unintentional	1,720	144.0
10	Other Land Trans - Unintentional	1,371	114.8

Total Injury Case Count: 50,460 Rate: 4,223.5

FEMALE

Rank	Cause	Count	Rate
1	Fall - Unintentional	131,226	2,400.6
2	Mechanism & Intent Undetermined	113,189	2,070.7
3	MVT - Unintentional	59,034	1,080.0
4	Unspecified - Unintentional	28,943	529.5
5	Struck - Unintentional	17,961	328.6
6	Nat/Env - Unintentional	17,944	328.3
7	Overexertion - Unintentional	12,244	224.0
8	Other Specified - Unintentional	11,545	211.2
9	Poisoning - Unintentional	10,130	185.3
10	Other Land Trans - Unintentional	8,547	156.4

Total Injury Case Count: 427,770 Rate: 7,825.6

MALE

Rank	Cause	Count	Rate
1	Mechanism & Intent Undetermined	126,237	2,413.9
2	Fall - Unintentional	89,437	1,710.2
3	MVT - Unintentional	52,289	999.9
4	Unspecified - Unintentional	29,691	567.8
5	Struck - Unintentional	23,486	449.1
6	Nat/Env - Unintentional	17,333	331.4
7	Cut/Pierce - Unintentional	15,222	291.1
8	Other Specified - Unintentional	15,002	286.9
9	Poisoning - Unintentional	13,630	260.6
10	Overexertion - Unintentional	11,658	222.9

Total Injury Case Count: 413,240 Rate: 7,902.0

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