

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

10 Leading Causes of Injury Hospitalizations By Age Group*
North Carolina Residents, 2024

ALL AGES

Rank	Cause	Count	Rate
1	Fall - Unintentional	29,975	271.4
2	MVT - Unintentional	7,531	68.2
3	Poisoning - Unintentional	5,152	46.6
4	Poisoning - Self-Inflicted	2,482	22.5
5	Unspecified - Unintentional	1,927	17.4
6	Struck - Unintentional	1,354	12.3
7	Mechanism & Intent Undetermined	1,220	11.0
8	Other Specified - Unintentional	1,075	9.7
9	Fire/Burn - Unintentional	1,001	9.1
10	Nat/Env - Unintentional	870	7.9

Total Injury Case Count: 55,464 Rate: 502.1

INFANTS (<1)

Rank	Cause	Count	Rate
1	Other Specified - Assault	155	127.8
2	Fall - Unintentional	128	105.5
3	Unspecified - Unintentional	101	83.3
4	Other Specified - Unintentional	18	14.8
5	Poisoning - Unintentional	17	14.0
6	Fire/Burn - Unintentional	16	13.2
	MVT - Unintentional	16	13.2
7	Struck - Unintentional	8	6.6 ¹
8	Nat/Env - Unintentional	6	4.9 ¹
9	Mechanism & Intent Undetermined	5	4.1 ¹

Total Injury Case Count: 348 Rate: 286.9

1 - 4 YEARS

Rank	Cause	Count	Rate
1	Fall - Unintentional	148	29.8
2	Poisoning - Unintentional	146	29.4
3	Fire/Burn - Unintentional	120	24.2
4	Other Specified - Assault	105	21.2
5	Other Specified - Unintentional	77	15.5
6	Unspecified - Unintentional	57	11.5
7	MVT - Unintentional	53	10.7
8	Nat/Env - Unintentional	39	7.9
9	Firearm - Unintentional	13	2.6
	Struck - Unintentional	13	2.6

Total Injury Case Count: 722 Rate: 145.5

5 - 14 YEARS

Rank	Cause	Count	Rate
1	Fall - Unintentional	236	18.0
2	Poisoning - Self-Inflicted	197	15.0
3	MVT - Unintentional	194	14.8
4	MV-NonTraffic - Unintentional	79	6.0
	Poisoning - Unintentional	79	6.0
5	Fire/Burn - Unintentional	68	5.2
6	Other Specified - Assault	67	5.1
7	Unspecified - Unintentional	66	5.0
8	Other Specified - Unintentional	57	4.4
9	Struck - Unintentional	48	3.7

Total Injury Case Count: 1,209 Rate: 92.3

* 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.

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



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Categories of injury hospitalizations are not mutually exclusive and do not sum to the total number of injuries.

Data Source: State Center for Health Statistics, Hospital Discharge 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	MVT - Unintentional	1,213	81.8
2	Poisoning - Self-Inflicted	666	44.9
3	Poisoning - Unintentional	334	22.5
4	Fall - Unintentional	302	20.4
5	Firearm - Unintentional	289	19.5
6	Firearm - Assault	149	10.0
7	MV-NonTraffic - Unintentional	141	9.5
8	Unspecified - Unintentional	119	8.0
9	Struck - Unintentional	100	6.7
10	Other Specified - Unintentional	97	6.5

Total Injury Case Count: 3,714 Rate: 250.3

25 - 44 YEARS

Rank	Cause	Count	Rate
1	MVT - Unintentional	2,349	80.4
2	Poisoning - Unintentional	1,483	50.8
3	Fall - Unintentional	1,287	44.0
4	Poisoning - Self-Inflicted	764	26.1
5	Firearm - Unintentional	351	12.0
6	Unspecified - Unintentional	331	11.3
7	Other Specified - Unintentional	282	9.7
8	Fire/Burn - Unintentional	246	8.4
	MV-NonTraffic - Unintentional	246	8.4
9	Struck - Unintentional	204	7.0

Total Injury Case Count: 8,534 Rate: 292.1

45 - 64 YEARS

Rank	Cause	Count	Rate
1	Fall - Unintentional	4,298	157.0
2	MVT - Unintentional	2,031	74.2
3	Poisoning - Unintentional	1,867	68.2
4	Poisoning - Self-Inflicted	640	23.4
5	Unspecified - Unintentional	458	16.7
6	Fire/Burn - Unintentional	279	10.2
7	Nat/Env - Unintentional	274	10.0
8	Mechanism & Intent Undetermined	256	9.3
9	Struck - Unintentional	240	8.8
10	Other Specified - Unintentional	216	7.9

Total Injury Case Count: 11,248 Rate: 410.7

AGES 65 & OVER

Rank	Cause	Count	Rate
1	Fall - Unintentional	23,576	1,194.3
2	MVT - Unintentional	1,675	84.9
3	Poisoning - Unintentional	1,226	62.1
4	Unspecified - Unintentional	795	40.3
5	Struck - Unintentional	741	37.5
6	Mechanism & Intent Undetermined	690	35.0
7	Other Specified - Unintentional	328	16.6
8	Overexertion - Unintentional	280	14.2
9	Nat/Env - Unintentional	264	13.4
10	Poisoning - Self-Inflicted	215	10.9

Total Injury Case Count: 29,689 Rate: 1,504.0

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10 Leading Causes of Injury Hospitalizations By Race/Ethnicity*
North Carolina Residents, 2024

NON-HISPANIC WHITE

Rank	Cause	Count	Rate
1	Fall - Unintentional	24,525	370.5
2	MVT - Unintentional	4,330	65.4
3	Poisoning - Unintentional	2,912	44.0
4	Poisoning - Self-Inflicted	1,606	24.3
5	Unspecified - Unintentional	1,251	18.9
6	Struck - Unintentional	963	14.5
7	Mechanism & Intent Undetermined	895	13.5
8	Other Specified - Unintentional	685	10.3
9	Nat/Env - Unintentional	609	9.2
10	MV-NonTraffic - Unintentional	523	7.9

Total Injury Case Count: 39,265 Rate: 593.2

NON-HISPANIC BLACK

Rank	Cause	Count	Rate
1	Fall - Unintentional	3,336	145.1
2	MVT - Unintentional	1,903	82.8
3	Poisoning - Unintentional	1,738	75.6
4	Firearm - Unintentional	525	22.8
5	Poisoning - Self-Inflicted	501	21.8
6	Unspecified - Unintentional	463	20.1
7	Fire/Burn - Unintentional	308	13.4
8	Firearm - Assault	278	12.1
9	Other Specified - Unintentional	234	10.2
10	Mechanism & Intent Undetermined	219	9.5

Total Injury Case Count: 10,374 Rate: 451.3

NON-HISPANIC AMERICAN INDIAN

Rank	Cause	Count	Rate
1	Fall - Unintentional	228	203.1
2	MVT - Unintentional	115	102.5
3	Poisoning - Unintentional	90	80.2
4	Fire/Burn - Unintentional	26	23.2
	Poisoning - Self-Inflicted	26	23.2
5	Other Specified - Unintentional	21	18.7
6	Unspecified - Unintentional	19	16.9
7	MV-NonTraffic - Unintentional	16	14.3
8	Struck - Unintentional	15	13.4
9	Mechanism & Intent Undetermined	13	11.6

Total Injury Case Count: 624 Rate: 556.0

NON-HISPANIC ASIAN

Rank	Cause	Count	Rate
1	Fall - Unintentional	257	59.2
2	MVT - Unintentional	84	19.3
3	Poisoning - Self-Inflicted	32	7.4
4	Poisoning - Unintentional	30	6.9
5	Fire/Burn - Unintentional	15	3.5
6	Unspecified - Unintentional	11	2.5
7	Nat/Env - Unintentional	10	2.3
	Struck - Unintentional	10	2.3
8	Other Specified - Assault	9	2.1 ¹
9	Mechanism & Intent Undetermined	8	1.8 ¹

Total Injury Case Count: 491 Rate: 113.0

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10 Leading Causes of Injury Hospitalizations By Race/Ethnicity & Gender*
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HISPANIC

Rank	Cause	Count	Rate
1	Fall - Unintentional	1,034	81.0
2	MVT - Unintentional	746	58.4
3	Poisoning - Unintentional	238	18.6
4	Poisoning - Self-Inflicted	206	16.1
5	Unspecified - Unintentional	117	9.2
6	Struck - Unintentional	103	8.1
7	Other Specified - Unintentional	79	6.2
8	Other Specified - Assault	70	5.5
9	Firearm - Unintentional	69	5.4
10	Fire/Burn - Unintentional	65	5.1

Total Injury Case Count: 3,000 Rate: 234.9

FEMALE

Rank	Cause	Count	Rate
1	Fall - Unintentional	18,446	326.4
2	MVT - Unintentional	2,867	50.7
3	Poisoning - Unintentional	2,278	40.3
4	Poisoning - Self-Inflicted	1,556	27.5
5	Unspecified - Unintentional	977	17.3
6	Struck - Unintentional	652	11.5
7	Mechanism & Intent Undetermined	637	11.3
8	Nat/Env - Unintentional	400	7.1
9	Other Specified - Unintentional	370	6.5
10	Fire/Burn - Unintentional	360	6.4

Total Injury Case Count: 28,831 Rate: 510.1

MALE

Rank	Cause	Count	Rate
1	Fall - Unintentional	11,527	213.7
2	MVT - Unintentional	4,662	86.4
3	Poisoning - Unintentional	2,872	53.2
4	Unspecified - Unintentional	949	17.6
5	Poisoning - Self-Inflicted	926	17.2
6	Other Specified - Unintentional	704	13.1
7	Struck - Unintentional	702	13.0
8	Firearm - Unintentional	682	12.6
9	Fire/Burn - Unintentional	641	11.9
10	MV-NonTraffic - Unintentional	617	11.4

Total Injury Case Count: 26,620 Rate: 493.5

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