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

ALL AGES

Rank	Cause	Count	Rate
1	Poisoning - Unintentional	4,286	39.6
2	Fall - Unintentional	2,007	18.5
3	MVT - Unintentional	1,757	16.2
4	Firearm - Self-Inflicted	1,005	9.3
5	Firearm - Assault	739	6.8
6	Suffocation - Self-Inflicted	331	3.1
7	Poisoning - Self-Inflicted	210	1.9
8	Suffocation - Unintentional	197	1.8
9	Unspecified - Unintentional	159	1.5
10	Fire/Burn - Unintentional	134	1.2

Total Injury Case Count: 11,705 Rate: 108.0

1 - 4 YEARS

Rank	Cause	Count	Rate	
1	Drowning - Unintentional	14	2.9	
2	MVT - Unintentional	11	2.3	
3	Fire/Burn - Unintentional	6	1.21	
	Poisoning - Unintentional	6	1.2 ¹	
	Suffocation - Unintentional	6	1.2 ¹	
	Unspecified - Assault	6	1.2 ¹	
4	Firearm - Unintentional	3	*	
5	Other Specified - Assault	2	*	
	Poisoning - Assault	2	*	
6	Fire/Burn - Undetermined	1	*	
Tot	Total Injury Case Count: 61 Rate: 12.6			

INFANTS (<1)

Rank	Cause	Count	Rate	
1	Suffocation - Unintentional	20	16.6	
2	Suffocation - Undetermined	12	10.0	
3	Other Specified - Assault	5	4.1 ¹	
4	Poisoning - Undetermined	3	*	
	Poisoning - Unintentional	3	*	
	Unspecified - Assault	3	*	
5	Drowning - Unintentional	2	*	
	Firearm - Assault	2	*	
	MVT - Unintentional	2	*	
6	Nat/Env - Unintentional	1	*	
Tatal Jakan Oscar Oscart FF Data 45.0				

Total Injury Case Count: 55 Rate: 45.6

5 - 14 YEARS

Rank	Cause	Count	Rate	
1	MVT - Unintentional	32	2.5	
2	Firearm - Assault	17	1.3	
3	Drowning - Unintentional	12	0.9	
4	Suffocation - Self-Inflicted	8	0.61	
5	Fire/Burn - Unintentional	5	0.41	
	Firearm - Self-Inflicted	5	0.41	
6	Poisoning - Unintentional	3	*	
7	Firearm - Undetermined	2	*	
	Firearm - Unintentional	2	*	
	Other Land Trans - Unintentional	2	*	
Total Injuny Case Count: 00 Rate: 7.6				

Total Injury Case Count: 99 Rate: 7.6

* 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



NC DEPARTMENT OF HEALTH AND HUMAN SERVICES Division of Public Health

Note: Leading causes do not sum to the total number of injuries.

Data Source: State Center for Health Statistics, Death Certificate Data, 2023

Analysis conducted by the NCDHHS, DPH, Injury Epidemiology, Surveillance & Informatics Unit. Date of analysis: 5 March 2025

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

15 - 24 YEARS

Rank	Cause	Count	Rate
1	Poisoning - Unintentional	297	20.5
2	MVT - Unintentional	276	19.0
3	Firearm - Assault	221	15.2
4	Firearm - Self-Inflicted	153	10.5
5	Suffocation - Self-Inflicted	59	4.1
6	Poisoning - Self-Inflicted	17	1.2
7	Drowning - Unintentional	11	0.8
	Fall - Unintentional	11	0.8
8	Cut/Pierce - Assault	9	0.61
9	Fall - Self-Inflicted	8	0.61

Total Injury Case Count: 1,128 Rate: 77.7

45 - 64 YEARS

Rank	Cause	Count	Rate
1	Poisoning - Unintentional	1,529	56.1
2	MVT - Unintentional	505	18.5
3	Firearm - Self-Inflicted	317	11.6
4	Fall - Unintentional	181	6.6
5	Firearm - Assault	127	4.7
6	Poisoning - Self-Inflicted	94	3.4
7	Suffocation - Self-Inflicted	92	3.4
8	Fire/Burn - Unintentional	39	1.4
	Suffocation - Unintentional	39	1.4
9	Unspecified - Unintentional	29	1.1
	Unspecified - Unintentional	29	1.1

Total Injury Case Count: 3,199 Rate: 117.3

25 - 44 YEARS

Rank	Cause	Count	Rate
1	Poisoning - Unintentional	2,209	77.7
2	MVT - Unintentional	599	21.1
3	Firearm - Assault	348	12.2
4	Firearm - Self-Inflicted	263	9.3
5	Suffocation - Self-Inflicted	154	5.4
6	Poisoning - Self-Inflicted	55	1.9
7	Fall - Unintentional	34	1.2
8	Drowning - Unintentional	26	0.9
9	Poisoning - Undetermined	25	0.9
10	Cut/Pierce - Assault	22	0.8

Total Injury Case Count: 3,954 Rate: 139.1

AGES 65 & OVER

Rank	Cause	Count	Rate
1	Fall - Unintentional	1,780	93.3
2	MVT - Unintentional	332	17.4
3	Firearm - Self-Inflicted	267	14.0
4	Poisoning - Unintentional	239	12.5
5	Suffocation - Unintentional	120	6.3
6	Unspecified - Unintentional	119	6.2
7	Fire/Burn - Unintentional	62	3.2
8	Poisoning - Self-Inflicted	43	2.3
9	Other-NEC - Unintentional	37	1.9
10	Drowning - Unintentional	23	1.2

Total Injury Case Count: 3,209 Rate: 168.1

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NC DEPARTMENT OF HEALTH AND HUMAN SERVICES Division of Public Health

Note: Leading causes do not sum to the total number of injuries.

Data Source: State Center for Health Statistics, Death Certificate Data, 2023

Analysis conducted by the NCDHHS, DPH, Injury Epidemiology, Surveillance & Informatics Unit. Date of analysis: 5 March 2025

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

NON-HISPANIC WHITE

Rank	Cause	Count	Rate
1	Poisoning - Unintentional	2,700	41.1
2	Fall - Unintentional	1,733	26.4
3	MVT - Unintentional	1,019	15.5
4	Firearm - Self-Inflicted	804	12.2
5	Suffocation - Self-Inflicted	232	3.5
6	Poisoning - Self-Inflicted	176	2.7
7	Firearm - Assault	144	2.2
8	Suffocation - Unintentional	136	2.1
9	Unspecified - Unintentional	116	1.8
10	Fire/Burn - Unintentional	90	1.4

Total Injury Case Count: 7,666 Rate: 116.6

NON-HISPANIC BLACK

Rank	Cause	Count	Rate
1	Poisoning - Unintentional	1,166	51.3
2	Firearm - Assault	482	21.2
3	MVT - Unintentional	445	19.6
4	Fall - Unintentional	184	8.1
5	Firearm - Self-Inflicted	124	5.5
6	Suffocation - Unintentional	47	2.1
7	Suffocation - Self-Inflicted	44	1.9
8	Fire/Burn - Unintentional	40	1.8
9	Unspecified - Unintentional	34	1.5
10	Drowning - Unintentional	25	1.1

Total Injury Case Count: 2,818 Rate: 123.9

NON-HISPANIC AMERICAN INDIAN

Rank	Cause	Count	Rate
1	Poisoning - Unintentional	122	109.5
2	MVT - Unintentional	57	51.1
3	Firearm - Assault	30	26.9
4	Fall - Unintentional	13	11.7
5	Firearm - Self-Inflicted	10	9.0
6	Suffocation - Self-Inflicted	3	*
7	Cut/Pierce - Assault	2	*
	Drowning - Unintentional	2	*
	Firearm - Unintentional	2	*
	Other Specified - Unintentional	2	*

Total Injury Case Count: 257 Rate: 230.6

NON-HISPANIC ASIAN

Rank	Cause	Count	Rate
1	MVT - Unintentional	21	5.3
2	Fall - Unintentional	18	4.6
3	Poisoning - Unintentional	15	3.8
4	Suffocation - Self-Inflicted	9	2.31
5	Firearm - Assault	8	2.01
6	Firearm - Self-Inflicted	7	1.8¹
7	Fall - Self-Inflicted	3	*
	Poisoning - Self-Inflicted	3	*
	Unspecified - Unintentional	3	*
8	Struck - Unintentional	2	*
-	Struck - Unintentional	2 Roto: 25	7

Total Injury Case Count: 101 Rate: 25.7

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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

Note: Leading causes do not sum to the total number of injuries.

 $\label{eq:DataSource:StateCenter for Health Statistics, Death Certificate Data, 2023$

Analysis conducted by the NCDHHS, DPH, Injury Epidemiology, Surveillance & Informatics Unit. Date of analysis: 5 March 2025

10 Leading Causes of Injury Deaths By Race/Ethnicity & Gender* North Carolina Residents, 2023

HISPANIC

Rank	Cause	Count	Rate	
1	Poisoning - Unintentional	245	20.5	
2	MVT - Unintentional	194	16.3	
3	Firearm - Assault	58	4.9	
4	Fall - Unintentional	56	4.7	
5	Firearm - Self-Inflicted	49	4.1	
6	Suffocation - Self-Inflicted	40	3.4	
7	Drowning - Unintentional	16	1.3	
8	Poisoning - Self-Inflicted	8	0.71	
9	Cut/Pierce - Assault	7	0.61	
	Suffocation - Unintentional	7	0.6 ¹	
Total Injuny Case Count: 750 Pate: 62.0				

Total Injury Case Count: 750 Rate: 62.9

FEMALE

Cause	Count	Rate
Poisoning - Unintentional	1,247	22.5
Fall - Unintentional	1,020	18.4
MVT - Unintentional	535	9.7
Firearm - Assault	128	2.3
Firearm - Self-Inflicted	127	2.3
Poisoning - Self-Inflicted	116	2.1
Suffocation - Unintentional	83	1.5
Suffocation - Self-Inflicted	80	1.4
Unspecified - Unintentional	74	1.3
Fire/Burn - Unintentional	51	0.9
	Poisoning - Unintentional Fall - Unintentional MVT - Unintentional Firearm - Assault Firearm - Self-Inflicted Poisoning - Self-Inflicted Suffocation - Unintentional Suffocation - Self-Inflicted Unspecified - Unintentional	Poisoning - Unintentional1,247Fall - Unintentional1,020MVT - Unintentional535Firearm - Assault128Firearm - Self-Inflicted127Poisoning - Self-Inflicted116Suffocation - Unintentional83Suffocation - Self-Inflicted80Unspecified - Unintentional74

Total Injury Case Count: 3,667 Rate: 66.2

MALE

Rank	Cause	Count	Rate
1	Poisoning - Unintentional	3,039	57.4
2	MVT - Unintentional	1,222	23.1
3	Fall - Unintentional	987	18.6
4	Firearm - Self-Inflicted	878	16.6
5	Firearm - Assault	611	11.5
6	Suffocation - Self-Inflicted	251	4.7
7	Suffocation - Unintentional	114	2.2
8	Poisoning - Self-Inflicted	94	1.8
9	Drowning - Unintentional	89	1.7
10	Unspecified - Unintentional	85	1.6

Total Injury Case Count: 8,038 Rate: 151.8

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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

Note: Leading causes do not sum to the total number of injuries.

Data Source: State Center for Health Statistics, Death Certificate Data, 2023

Analysis conducted by the NCDHHS, DPH, Injury Epidemiology, Surveillance & Informatics Unit. Date of analysis: 5 March 2025