10 Leading Causes of Injury Deaths By Age Group* North Carolina Residents, 2017

ALL AGES

Rank	Cause	Count	Rate
1	Poisoning - Unintentional	2,310	22.5
2	MVT - Unintentional	1,469	14.3
3	Fall - Unintentional	1,276	12.4
4	Firearm - Self-Inflicted	841	8.2
5	Firearm - Assault	528	5.1
6	Suffocation - Self-Inflicted	370	3.6
7	Poisoning - Self-Inflicted	232	2.3
8	Unspecified - Unintentional	221	2.2
9	Suffocation - Unintentional	203	2.0
10	Fire/Burn - Unintentional	110	1.1
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Total Injury Case Count: 8,390 Rate: 81.7

INFANTS (<1)

Rank	Cause	Count	Rate
1	Suffocation - Unintentional	13	10.8
2	Unspecified - Assault	7	5.81
3	MVT - Unintentional	5	4.2 ¹
	Other Specified - Assault	5	4.2 ¹
	Suffocation - Undetermined	5	4.2 ¹
4	Suffocation - Assault	2	*
5	Drowning - Unintentional	1	*
	Other-NEC - Assault	1	*
	Poisoning - Undetermined	1	*

Total Injury Case Count: 40 Rate: 33.2

1-4 YEARS

Rank	Cause	Count	Rate
1	MVT - Unintentional	15	3.1
2	Drowning - Unintentional	9	1.8¹
3	Suffocation - Unintentional	7	1.41
4	Unspecified - Assault	6	1.21
5	Nat/Env - Unintentional	2	*
	Pedestrian - Unintentional	2	*
	Poisoning - Unintentional	2	*
	Unspecified - Unintentional	2	*
6	Cut/Pierce - Assault	1	*
	Drowning - Assault	1	*
Total Injury Case Count: 53 Rate: 10.8			

5 - 14 YEARS

Rank	Cause	Count	Rate
1	MVT - Unintentional	34	2.6
2	Firearm - Self-Inflicted	10	0.8
	Suffocation - Self-Inflicted	10	0.8
3	Drowning - Unintentional	7	0.5¹
	Firearm - Assault	7	0.5¹
4	Other Land Trans - Unintentional	3	*
	Other Specified - Unintentional	3	*
5	Other-NEC - Assault	2	*
	Suffocation - Assault	2	*
6	Cut/Pierce - Assault	1	*
	Total Injury Case Count: 83 Ra	nte: 6.4	

* 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, 2017

Analysis conducted by the NC-DPH, Injury Epidemiology, Surveillance & Informatics Unit. Date of analysis: 7 December 2021

10 Leading Causes of Injury Deaths By Age Group* North Carolina Residents, 2017

15 - 24 YEARS

Rank	Cause	Count	Rate
1	MVT - Unintentional	244	17.8
2	Poisoning - Unintentional	233	17.0
3	Firearm - Assault	144	10.5
4	Firearm - Self-Inflicted	81	5.9
5	Suffocation - Self-Inflicted	70	5.1
6	Drowning - Unintentional	22	1.6
7	Poisoning - Self-Inflicted	16	1.2
8	Fall - Unintentional	9	0.71
9	Firearm - Unintentional	8	0.61
10	Fall - Self-Inflicted	4	*
Total Inium (Case Count: 894 Date: 64.4			

Total Injury Case Count: 884 Rate: 64.4

45 - 64 YEARS

Rank	Cause	Count	Rate
1	Poisoning - Unintentional	776	28.7
2	MVT - Unintentional	437	16.1
3	Firearm - Self-Inflicted	272	10.0
4	Fall - Unintentional	126	4.7
5	Poisoning - Self-Inflicted	121	4.5
6	Suffocation - Self-Inflicted	107	4.0
7	Firearm - Assault	87	3.2
8	Suffocation - Unintentional	44	1.6
9	Fire/Burn - Unintentional	41	1.5
10	Unspecified - Unintentional	32	1.2

Total Injury Case Count: 2,312 Rate: 85.4

25 - 44 YEARS

Rank	Cause	Count	Rate
1	Poisoning - Unintentional	1,229	46.2
2	MVT - Unintentional	459	17.2
3	Firearm - Assault	263	9.9
4	Firearm - Self-Inflicted	243	9.1
5	Suffocation - Self-Inflicted	163	6.1
6	Poisoning - Self-Inflicted	61	2.3
7	Cut/Pierce - Assault	27	1.0
8	Poisoning - Undetermined	22	0.8
9	Drowning - Unintentional	18	0.7
	Firearm - Unintentional	18	0.7

Total Injury Case Count: 2,708 Rate: 101.8

AGES 65 & OVER

Rank	Cause	Count	Rate
1	Fall - Unintentional	1,126	69.1
2	MVT - Unintentional	275	16.9
3	Firearm - Self-Inflicted	235	14.4
4	Unspecified - Unintentional	172	10.5
5	Suffocation - Unintentional	128	7.9
6	Poisoning - Unintentional	69	4.2
7	Fire/Burn - Unintentional	47	2.9
8	Poisoning - Self-Inflicted	34	2.1
9	Firearm - Assault	26	1.6
10	Suffocation - Self-Inflicted	20	1.2

Total Injury Case Count: 2,310 Rate: 141.7

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

Data Source: State Center for Health Statistics, Death Certificate Data, 2017 Analysis conducted by the NC-DPH, Injury Epidemiology, Surveillance & Informatics Unit.

Date of analysis: 7 December 2021

10 Leading Causes of Injury Deaths By Race/Ethnicity* North Carolina Residents, 2017

NON-HISPANIC WHITE

Rank	Cause	Count	Rate
1	Poisoning - Unintentional	1,911	29.0
2	Fall - Unintentional	1,133	17.2
3	MVT - Unintentional	900	13.7
4	Firearm - Self-Inflicted	723	11.0
5	Suffocation - Self-Inflicted	294	4.5
6	Poisoning - Self-Inflicted	201	3.1
7	Unspecified - Unintentional	171	2.6
8	Suffocation - Unintentional	150	2.3
9	Firearm - Assault	128	1.9
10	Fire/Burn - Unintentional	73	1.1
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Total Injury Case Count: 6,227 Rate: 94.6

NON-HISPANIC AMERICAN INDIAN

Rank	Cause	Count	Rate
1	MVT - Unintentional	35	28.5
2	Poisoning - Unintentional	23	18.7
3	Firearm - Assault	9	7.31
	Firearm - Self-Inflicted	9	7.31
4	Fall - Unintentional	8	6.51
5	Suffocation - Self-Inflicted	7	5.71
6	Fire/Burn - Unintentional	5	4.11
7	Poisoning - Self-Inflicted	4	*
	Unspecified - Unintentional	4	*
8	Drowning - Unintentional	2	*
Tot	al Injury Case Count: 118	Rate: 96	.1

NON-HISPANIC BLACK

Rank	Cause	Count	Rate
1	MVT - Unintentional	405	17.8
2	Firearm - Assault	350	15.4
3	Poisoning - Unintentional	290	12.8
4	Fall - Unintentional	102	4.5
5	Firearm - Self-Inflicted	82	3.6
6	Suffocation - Unintentional	48	2.1
7	Unspecified - Unintentional	42	1.9
8	Suffocation - Self-Inflicted	36	1.6
9	Fire/Burn - Unintentional	29	1.3
10	Cut/Pierce - Assault	27	1.2

Total Injury Case Count: 1,604 Rate: 70.7

NON-HISPANIC ASIAN

Rank	Cause	Count	Rate	
1	Poisoning - Unintentional	14	4.3	
2	MVT - Unintentional	8	2.41	
3	Fall - Unintentional	7	2.1 ¹	
	Suffocation - Self-Inflicted	7	2.1 ¹	
4	Firearm - Self-Inflicted	6	1.81	
5	Firearm - Assault	5	1.5 ¹	
6	Drowning - Unintentional	4	*	
7	Drowning - Self-Inflicted	1	*	
	Fall - Self-Inflicted	1	*	
	Fire/Burn - Self-Inflicted	1	*	
Total Injuny Case Count: 58 Rate: 17.7				

Total Injury Case Count: 58 Rate: 17.7

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

Data Source: State Center for Health Statistics, Death Certificate Data, 2017 Analysis conducted by the NC-DPH, Injury Epidemiology, Surveillance & Informatics Unit. Date of analysis: 7 December 2021

10 Leading Causes of Injury Deaths By Race/Ethnicity & Gender* North Carolina Residents, 2017

HISPANIC

Rank	Cause	Count	Rate	
1	MVT - Unintentional	112	11.5	
2	Poisoning - Unintentional	67	6.9	
3	Firearm - Assault	31	3.2	
4	Fall - Unintentional	22	2.3	
	Suffocation - Self-Inflicted	22	2.3	
5	Firearm - Self-Inflicted	19	2.0	
6	Drowning - Unintentional	11	1.1	
7	Poisoning - Self-Inflicted	6	0.61	
8	Cut/Pierce - Assault	4	*	
	Nat/Env - Unintentional	4	*	
Total Inform (Coope County 2020 Date: 24.0				

Total Injury Case Count: 339 Rate: 34.9

FEMALE

Rank	Cause	Count	Rate
1	Poisoning - Unintentional	752	14.3
2	Fall - Unintentional	668	12.7
3	MVT - Unintentional	429	8.1
4	Unspecified - Unintentional	122	2.3
5	Firearm - Self-Inflicted	120	2.3
6	Poisoning - Self-Inflicted	116	2.2
7	Suffocation - Unintentional	93	1.8
8	Suffocation - Self-Inflicted	84	1.6
9	Firearm - Assault	76	1.4
10	Fire/Burn - Unintentional	39	0.7

Total Injury Case Count: 2,714 Rate: 51.5

MALE

Rank	Cause	Count	Rate
1	Poisoning - Unintentional	1,558	31.2
2	MVT - Unintentional	1,040	20.8
3	Firearm - Self-Inflicted	721	14.4
4	Fall - Unintentional	608	12.2
5	Firearm - Assault	452	9.0
6	Suffocation - Self-Inflicted	286	5.7
7	Poisoning - Self-Inflicted	116	2.3
8	Suffocation - Unintentional	110	2.2
9	Unspecified - Unintentional	99	2.0
10	Drowning - Unintentional	78	1.6

Total Injury Case Count: 5,676 Rate: 113.5

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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

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Analysis conducted by the NC-DPH, Injury Epidemiology, Surveillance & Informatics Unit. Date of analysis: 7 December 2021