# North Carolina Injury & Violence Prevention Branch

# 10 Leading Causes of Injury Deaths By Age Group\* North Carolina Residents, 2018

## **ALL AGES**

Rank	Cause	Count	Rate
1	Poisoning - Unintentional	2,171	20.9
2	MVT - Unintentional	1,540	14.8
3	Fall - Unintentional	1,351	13.0
4	Firearm - Self-Inflicted	875	8.4
5	Firearm - Assault	490	4.7
6	Suffocation - Self-Inflicted	339	3.3
7	Suffocation - Unintentional	234	2.3
8	Poisoning - Self-Inflicted	212	2.0
9	Unspecified - Unintentional	210	2.0
10	Fire/Burn - Unintentional	132	1.3

Total Injury Case Count: 8,324 Rate: 80.2

#### INFANTS (<1)

Rank	Cause	Count	Rate
1	Suffocation - Unintentional	17	14.3
2	MVT - Unintentional	6	5.1 <sup>1</sup>
3	Suffocation - Undetermined	5	4.2 <sup>1</sup>
4	Nat/Env - Unintentional	4	*
5	Other Specified - Assault	3	*
	Unspecified - Assault	3	*
6	Firearm - Assault	1	*
	Other-NEC - Assault	1	*
	Other-NEC - Undetermined	1	*
	Poisoning - Undetermined	1	*

Total Injury Case Count: 44 Rate: 37.1

## 1-4YEARS

Rank	Cause	Count	Rate
1	Drowning - Unintentional	13	2.6
2	MVT - Unintentional	11	2.2
3	Suffocation - Unintentional	6	1.2 <sup>1</sup>
4	Fire/Burn - Unintentional	4	*
5	Pedestrian - Unintentional	3	*
	Unspecified - Assault	3	*
6	Nat/Env - Unintentional	2	*
	Suffocation - Assault	2	*
7	Firearm - Assault	1	*
	Firearm - Unintentional	1	*

Total Injury Case Count: 49 Rate: 10.0

### 5 - 14 YEARS

Rank	Cause	Count	Rate
1	MVT - Unintentional	25	1.9
2	Fire/Burn - Unintentional	9	0.71
	Suffocation - Self-Inflicted	9	0.7 <sup>1</sup>
3	Firearm - Self-Inflicted	8	0.6¹
4	Drowning - Unintentional	7	0.5¹
	Firearm - Assault	7	0.5 <sup>1</sup>
5	Suffocation - Unintentional	4	*
6	Other Land Trans - Unintentional	3	*
7	Suffocation - Assault	2	*
	Unspecified - Assault	2	*

Total Injury Case Count: 80 Rate: 6.2

<sup>\*</sup> 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



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

Data Source: State Center for Health Statistics, Death Certificate Data, 2018

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

Date of analysis: 7 December 2021

For more information on these data, go to the Injury Surveillance Technical Notes Document: https://www.injuryfreenc.ncdhhs.gov/DataSurveillance/Technical-Notes.pdf

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# North Carolina Injury & Violence Prevention Branch

# 10 Leading Causes of Injury Deaths By Age Group\* North Carolina Residents, 2018

### 15 - 24 YEARS

Rank	Cause	Count	Rate
1	MVT - Unintentional	240	17.4
2	Poisoning - Unintentional	185	13.4
3	Firearm - Assault	152	11.0
4	Firearm - Self-Inflicted	105	7.6
5	Suffocation - Self-Inflicted	54	3.9
6	Drowning - Unintentional	18	1.3
7	Poisoning - Self-Inflicted	15	1.1
8	Firearm - Unintentional	8	0.6¹
9	Fall - Unintentional	6	0.4 <sup>1</sup>
	Other Land Trans - Unintentional	6	0.4 <sup>1</sup>

Total Injury Case Count: 841 Rate: 60.9

### 25 - 44 YEARS

Rank	Cause	Count	Rate
1	Poisoning - Unintentional	1,155	43.0
2	MVT - Unintentional	493	18.3
3	Firearm - Assault	238	8.9
4	Firearm - Self-Inflicted	232	8.6
5	Suffocation - Self-Inflicted	132	4.9
6	Poisoning - Self-Inflicted	57	2.1
7	Drowning - Unintentional	30	1.1
8	Fall - Unintentional	21	0.8
9	Cut/Pierce - Assault	19	0.7
	Poisoning - Undetermined	19	0.7

Total Injury Case Count: 2,561 Rate: 95.2

## 45 - 64 YEARS

Rank	Cause	Count	Rate
1	Poisoning - Unintentional	754	27.7
2	MVT - Unintentional	438	16.1
3	Firearm - Self-Inflicted	310	11.4
4	Fall - Unintentional	136	5.0
5	Suffocation - Self-Inflicted	129	4.7
6	Poisoning - Self-Inflicted	106	3.9
7	Firearm - Assault	67	2.5
8	Suffocation - Unintentional	45	1.7
9	Unspecified - Unintentional	41	1.5
10	Fire/Burn - Unintentional	38	1.4

Total Injury Case Count: 2,344 Rate: 86.2

### **AGES 65 & OVER**

Rank	Cause	Count	Rate
1	Fall - Unintentional	1,188	70.3
2	MVT - Unintentional	327	19.4
3	Firearm - Self-Inflicted	220	13.0
4	Unspecified - Unintentional	151	8.9
5	Suffocation - Unintentional	148	8.8
6	Poisoning - Unintentional	75	4.4
7	Fire/Burn - Unintentional	64	3.8
8	Poisoning - Self-Inflicted	33	2.0
9	Nat/Env - Unintentional	30	1.8
10	Firearm - Assault	24	1.4

Total Injury Case Count: 2,405 Rate: 142.4

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

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# North Carolina Injury & Violence Prevention Branch

## 10 Leading Causes of Injury Deaths By Race/Ethnicity\* North Carolina Residents, 2018

### **NON-HISPANIC WHITE**

Rank	Cause	Count	Rate
1	Poisoning - Unintentional	1,727	26.1
2	Fall - Unintentional	1,193	18.0
3	MVT - Unintentional	945	14.3
4	Firearm - Self-Inflicted	767	11.6
5	Suffocation - Self-Inflicted	267	4.0
6	Poisoning - Self-Inflicted	187	2.8
7	Suffocation - Unintentional	156	2.4
8	Unspecified - Unintentional	155	2.3
9	Firearm - Assault	115	1.7
10	Fire/Burn - Unintentional	83	1.3

Total Injury Case Count: 6,081 Rate: 91.8

#### **NON-HISPANIC BLACK**

Rank	Cause	Count	Rate
1	MVT - Unintentional	409	17.8
2	Firearm - Assault	327	14.2
3	Poisoning - Unintentional	313	13.6
4	Fall - Unintentional	115	5.0
5	Firearm - Self-Inflicted	67	2.9
6	Suffocation - Unintentional	65	2.8
7	Unspecified - Unintentional	48	2.1
8	Fire/Burn - Unintentional	46	2.0
9	Suffocation - Self-Inflicted	39	1.7
10	Cut/Pierce - Assault	28	1.2

Total Injury Case Count: 1,659 Rate: 72.2

## **NON-HISPANIC AMERICAN INDIAN**

Rank	Cause	Count	Rate
1	MVT - Unintentional	46	37.3
2	Poisoning - Unintentional	45	36.5
3	Firearm - Assault	21	17.0
4	Fall - Unintentional	7	5.7 <sup>1</sup>
5	Firearm - Self-Inflicted	6	4.9¹
6	Drowning - Unintentional	5	4.1 <sup>1</sup>
7	Suffocation - Self-Inflicted	4	*
8	Struck - Assault	3	*
	Unspecified - Unintentional	3	*
9	Cut/Pierce - Assault	2	*

Total Injury Case Count: 153 Rate: 124.0

### **NON-HISPANIC ASIAN**

Rank	Cause	Count	Rate
1	MVT - Unintentional	18	5.3
2	Poisoning - Unintentional	9	2.6¹
3	Fall - Unintentional	8	2.3 <sup>1</sup>
	Firearm - Self-Inflicted	8	2.3 <sup>1</sup>
4	Suffocation - Self-Inflicted	6	1.8¹
5	Poisoning - Self-Inflicted	4	*
6	Firearm - Assault	3	*
	Suffocation - Unintentional	3	*
7	Drowning - Undetermined	1	*
	Drowning - Unintentional	1	*

Total Injury Case Count: 68 Rate: 19.8

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Caution – race classifications changed in July 2020 for all data years Note: Leading causes do not sum to the total number of injuries.

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

# 10 Leading Causes of Injury Deaths By Race/Ethnicity & Gender\* North Carolina Residents, 2018

### **HISPANIC**

Rank	Cause	Count	Rate
1	MVT - Unintentional	110	11.0
2	Poisoning - Unintentional	63	6.3
3	Fall - Unintentional	24	2.4
4	Firearm - Self-Inflicted	23	2.3
5	Firearm - Assault	19	1.9
6	Suffocation - Self-Inflicted	16	1.6
7	Suffocation - Unintentional	9	0.9 <sup>1</sup>
8	Drowning - Unintentional	8	0.8 <sup>1</sup>
	Poisoning - Self-Inflicted	8	0.8 <sup>1</sup>
9	Pedestrian - Unintentional	5	0.5 <sup>1</sup>

Total Injury Case Count: 312 Rate: 31.3

## **FEMALE**

Rank	Cause	Count	Rate
1	Fall - Unintentional	718	13.5
	Poisoning - Unintentional	718	13.5
2	MVT - Unintentional	438	8.2
3	Firearm - Self-Inflicted	131	2.5
4	Poisoning - Self-Inflicted	112	2.1
5	Unspecified - Unintentional	109	2.0
6	Suffocation - Unintentional	102	1.9
7	Firearm - Assault	87	1.6
8	Suffocation - Self-Inflicted	69	1.3
9	Fire/Burn - Unintentional	64	1.2

Total Injury Case Count: 2,767 Rate: 51.9

#### **MALE**

Rank	Cause	Count	Rate
1	Poisoning - Unintentional	1,453	28.8
2	MVT - Unintentional	1,102	21.8
3	Firearm - Self-Inflicted	744	14.7
4	Fall - Unintentional	633	12.5
5	Firearm - Assault	403	8.0
6	Suffocation - Self-Inflicted	270	5.3
7	Suffocation - Unintentional	132	2.6
8	Unspecified - Unintentional	101	2.0
9	Poisoning - Self-Inflicted	100	2.0
10	Drowning - Unintentional	74	1.5

Total Injury Case Count: 5,557 Rate: 110.0

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