# North Carolina Injury & Violence Prevention Branch

# 10 Leading Causes of Injury Hospitalizations By Age Group\* North Carolina Residents, 2019

## **ALL AGES**

Rank	Cause	Count	Rate
1	Fall - Unintentional	25,240	240.7
2	MVT - Unintentional	7,002	66.8
3	Poisoning - Unintentional	4,845	46.2
4	Poisoning - Self-Inflicted	2,807	26.8
5	Unspecified - Unintentional	1,960	18.7
6	Fire/Burn - Unintentional	1,319	12.6
7	Struck - Unintentional	1,062	10.1
8	Other Specified - Unintentional	893	8.5
9	MV-NonTraffic - Unintentional	717	6.8
10	Nat/Env - Unintentional	681	6.5

Total Injury Case Count: 49,995 Rate: 476.7

#### INFANTS (<1)

Rank	Cause	Count	Rate
1	Other Specified - Assault	157	132.1
2	Fall - Unintentional	139	116.9
3	Unspecified - Unintentional	99	83.3
4	Fire/Burn - Unintentional	36	30.3
5	Suffocation - Unintentional	17	14.3
6	Poisoning - Unintentional	14	11.8
7	Other Specified - Unintentional	13	10.9
	Other-NEC - Undetermined	13	10.9
8	MVT - Unintentional	10	8.4
9	Unspecified - Assault	5	4.2 <sup>1</sup>

Total Injury Case Count: 378 Rate: 317.9

## 1-4YEARS

Rank	Cause	Count	Rate
1	Fire/Burn - Unintentional	202	41.2
2	Fall - Unintentional	122	24.9
3	Poisoning - Unintentional	113	23.0
4	Other Specified - Assault	102	20.8
5	MVT - Unintentional	78	15.9
6	Unspecified - Unintentional	75	15.3
7	Other Specified - Unintentional	35	7.1
8	Struck - Unintentional	30	6.1
9	Nat/Env - Unintentional	28	5.7
10	Suffocation - Unintentional	10	2.0

Total Injury Case Count: 727 Rate: 148.1

### 5 - 14 YEARS

Rank	Cause	Count	Rate
1	Fall - Unintentional	249	19.2
2	MVT - Unintentional	209	16.1
3	Poisoning - Self-Inflicted	129	10.0
4	Fire/Burn - Unintentional	113	8.7
5	MV-NonTraffic - Unintentional	65	5.0
6	Unspecified - Unintentional	63	4.9
7	Nat/Env - Unintentional	45	3.5
	Other Specified - Unintentional	45	3.5
	Struck - Unintentional	45	3.5
8	Poisoning - Unintentional	44	3.4

Total Injury Case Count: 1,146 Rate: 88.5

<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



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, 2019

Analysis conducted by the NC-DPH, Injury Epidemiology, Surveillance & Informatics Unit. Date of analysis: 6 December 2021

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### 15 - 24 YEARS

Rank	Cause	Count	Rate
1	MVT - Unintentional	1,093	78.8
2	Poisoning - Self-Inflicted	655	47.2
3	Poisoning - Unintentional	383	27.6
4	Fall - Unintentional	283	20.4
5	Firearm - Unintentional	213	15.4
6	Firearm - Assault	158	11.4
7	MV-NonTraffic - Unintentional	128	9.2
8	Fire/Burn - Unintentional	115	8.3
	Unspecified - Unintentional	115	8.3
9	Struck - Unintentional	101	7.3

Total Injury Case Count: 3,630 Rate: 261.7

## 25 - 44 YEARS

Rank	Cause	Count	Rate
1	MVT - Unintentional	2,192	80.6
2	Poisoning - Unintentional	1,470	54.1
3	Fall - Unintentional	1,100	40.4
4	Poisoning - Self-Inflicted	946	34.8
5	Unspecified - Unintentional	341	12.5
6	Fire/Burn - Unintentional	326	12.0
7	Other Specified - Unintentional	286	10.5
8	Firearm - Assault	251	9.2
9	Struck - Assault	242	8.9
10	Firearm - Unintentional	217	8.0

Total Injury Case Count: 8,361 Rate: 307.5

## 45 - 64 YEARS

Rank	Cause	Count	Rate
1	Fall - Unintentional	4,141	151.9
2	MVT - Unintentional	1,949	71.5
3	Poisoning - Unintentional	1,835	67.3
4	Poisoning - Self-Inflicted	853	31.3
5	Unspecified - Unintentional	489	17.9
6	Fire/Burn - Unintentional	343	12.6
7	Struck - Unintentional	244	9.0
8	Other Specified - Unintentional	232	8.5
9	Nat/Env - Unintentional	211	7.7
10	MV-NonTraffic - Unintentional	210	7.7

Total Injury Case Count: 11,222 Rate: 411.6

### **AGES 65 & OVER**

Rank	Cause	Count	Rate
1	Fall - Unintentional	19,202	1,096.6
2	MVT - Unintentional	1,456	83.1
3	Poisoning - Unintentional	982	56.1
4	Unspecified - Unintentional	777	44.4
5	Struck - Unintentional	494	28.2
6	Poisoning - Self-Inflicted	221	12.6
7	Nat/Env - Unintentional	220	12.6
8	Other Specified - Unintentional	204	11.6
9	Overexertion - Unintentional	187	10.7
10	Fire/Burn - Unintentional	183	10.5

Total Injury Case Count: 24,470 Rate: 1,397.4

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# North Carolina Injury & Violence Prevention Branch

# 10 Leading Causes of Injury Hospitalizations By Race/Ethnicity\* North Carolina Residents, 2019

### **NON-HISPANIC WHITE**

Rank	Cause	Count	Rate
1	Fall - Unintentional	21,077	316.1
2	MVT - Unintentional	4,343	65.1
3	Poisoning - Unintentional	3,181	47.7
4	Poisoning - Self-Inflicted	2,025	30.4
5	Unspecified - Unintentional	1,388	20.8
6	Struck - Unintentional	773	11.6
7	Fire/Burn - Unintentional	647	9.7
8	Other Specified - Unintentional	612	9.2
9	Nat/Env - Unintentional	502	7.5
10	MV-NonTraffic - Unintentional	490	7.3

Total Injury Case Count: 36,707 Rate: 550.5

### **NON-HISPANIC BLACK**

Rank	Cause	Count	Rate
1	Fall - Unintentional	2,656	114.5
2	MVT - Unintentional	1,773	76.4
3	Poisoning - Unintentional	1,300	56.0
4	Poisoning - Self-Inflicted	473	20.4
5	Fire/Burn - Unintentional	425	18.3
6	Unspecified - Unintentional	399	17.2
7	Firearm - Assault	369	15.9
8	Firearm - Unintentional	345	14.9
9	Struck - Assault	226	9.7
10	Struck - Unintentional	180	7.8

Total Injury Case Count: 8,987 Rate: 387.3

## **NON-HISPANIC AMERICAN INDIAN**

Rank	Cause	Count	Rate
1	Fall - Unintentional	217	174.1
2	Poisoning - Unintentional	109	87.5
3	MVT - Unintentional	93	74.6
4	Poisoning - Self-Inflicted	26	20.9
5	Fire/Burn - Unintentional	18	14.4
6	Unspecified - Unintentional	17	13.6
7	Struck - Assault	14	11.2
	Struck - Unintentional	14	11.2
8	Firearm - Unintentional	13	10.4
	MV-NonTraffic - Unintentional	13	10.4

Total Injury Case Count: 602 Rate: 483.0

### **NON-HISPANIC ASIAN**

Rank	Cause	Count	Rate
1	Fall - Unintentional	178	51.0
2	MVT - Unintentional	66	18.9
3	Poisoning - Self-Inflicted	38	10.9
4	Poisoning - Unintentional	20	5.7
5	Fire/Burn - Unintentional	11	3.2
6	Struck - Unintentional	9	2.6¹
	Unspecified - Unintentional	9	2.6¹
7	Nat/Env - Unintentional	6	1.7¹
8	Firearm - Unintentional	5	1.4 <sup>1</sup>
	Other Specified - Assault	5	1.4 <sup>1</sup>

Total Injury Case Count: 373 Rate: 106.9

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Caution - race classifications changed in July 2020 for all data years

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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 & Gender\* North Carolina Residents, 2019

## **HISPANIC**

Rank	Cause	Count	Rate
1	Fall - Unintentional	587	57.2
2	MVT - Unintentional	464	45.2
3	Poisoning - Self-Inflicted	135	13.2
4	Poisoning - Unintentional	121	11.8
5	Fire/Burn - Unintentional	107	10.4
6	Unspecified - Unintentional	70	6.8
7	Struck - Unintentional	63	6.1
8	Other Specified - Unintentional	53	5.2
9	Cut/Pierce - Unintentional	44	4.3
10	Other Specified - Assault	42	4.1

Total Injury Case Count: 1,882 Rate: 183.5

## **FEMALE**

Rank	Cause	Count	Rate
1	Fall - Unintentional	15,904	295.2
2	MVT - Unintentional	2,769	51.4
3	Poisoning - Unintentional	2,312	42.9
4	Poisoning - Self-Inflicted	1,748	32.4
5	Unspecified - Unintentional	931	17.3
6	Fire/Burn - Unintentional	489	9.1
7	Struck - Unintentional	484	9.0
8	Nat/Env - Unintentional	307	5.7
9	Other Specified - Assault	256	4.8
10	Other Specified - Unintentional	249	4.6

Total Injury Case Count: 26,246 Rate: 487.1

### **MALE**

Rank	Cause	Count	Rate
1	Fall - Unintentional	9,330	182.9
2	MVT - Unintentional	4,209	82.5
3	Poisoning - Unintentional	2,526	49.5
4	Poisoning - Self-Inflicted	1,057	20.7
5	Unspecified - Unintentional	1,027	20.1
6	Fire/Burn - Unintentional	830	16.3
7	Other Specified - Unintentional	643	12.6
8	Struck - Unintentional	578	11.3
9	MV-NonTraffic - Unintentional	544	10.7
10	Firearm - Unintentional	462	9.1

Total Injury Case Count: 23,677 Rate: 464.2

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