# North Carolina Injury & Violence Prevention Branch

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

## **ALL AGES**

Rank	Cause	Count	Rate
1	Fall - Unintentional	221,729	2,114.2
2	MVT - Unintentional	124,577	1,187.8
3	Unspecified - Unintentional	79,793	760.8
4	Struck - Unintentional	54,285	517.6
5	Nat/Env - Unintentional	41,688	397.5
6	Overexertion - Unintentional	33,186	316.4
7	Cut/Pierce - Unintentional	31,690	302.2
8	Other Specified - Unintentional	28,866	275.2
9	Poisoning - Unintentional	18,804	179.3
10	Struck - Assault	15,830	150.9

Total Injury Case Count: 920,818 Rate: 8,780.0

#### INFANTS (<1)

Rank	Cause	Count	Rate
1	Fall - Unintentional	3,124	2,627.6
2	Unspecified - Unintentional	912	767.1
3	MVT - Unintentional	692	582.0
4	Other Specified - Unintentional	605	508.9
5	Nat/Env - Unintentional	399	335.6
6	Struck - Unintentional	368	309.5
7	Other Specified - Assault	250	210.3
8	Poisoning - Unintentional	186	156.4
9	Cut/Pierce - Unintentional	114	95.9
10	Fire/Burn - Unintentional	112	94.2

Total Injury Case Count: 8,092 Rate: 6,806.2

## **1-4 YEARS**

Rank	Cause	Count	Rate
1	Fall - Unintentional	13,174	2,683.8
2	Unspecified - Unintentional	5,068	1,032.4
3	Other Specified - Unintentional	4,626	942.4
4	Nat/Env - Unintentional	4,118	838.9
5	Struck - Unintentional	3,785	771.1
6	MVT - Unintentional	2,894	589.6
7	Poisoning - Unintentional	1,841	375.0
8	Cut/Pierce - Unintentional	1,259	256.5
9	Fire/Burn - Unintentional	810	165.0
10	Other Specified - Assault	575	117.1

Total Injury Case Count: 48,748 Rate: 9,930.7

### 5 - 14 YEARS

Rank	Cause	Count	Rate
1	Fall - Unintentional	19,857	1,534.0
2	Struck - Unintentional	10,785	833.2
3	MVT - Unintentional	8,335	643.9
4	Unspecified - Unintentional	7,566	584.5
5	Nat/Env - Unintentional	5,663	437.5
6	Other Specified - Unintentional	4,263	329.3
7	Overexertion - Unintentional	3,500	270.4
8	Cut/Pierce - Unintentional	3,347	258.6
9	Pedal Cyclist Other - Unintentional	1,206	93.2
10	Other Specified - Assault	867	67.0

Total Injury Case Count: 97,449 Rate: 7,528.1

<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 emergency department visits are not mutually exclusive and do not sum to the total number of injuries.

Data Source: NC DETECT, Emergency Department Visit Data, 2019

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

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# North Carolina Injury & Violence Prevention Branch

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

### 15 - 24 YEARS

Rank	Cause	Count	Rate
1	MVT - Unintentional	26,973	1,944.6
2	Fall - Unintentional	13,677	986.0
3	Unspecified - Unintentional	10,862	783.1
4	Struck - Unintentional	10,851	782.3
5	Overexertion - Unintentional	6,270	452.0
6	Cut/Pierce - Unintentional	6,082	438.5
7	Nat/Env - Unintentional	5,245	378.1
8	Struck - Assault	3,991	287.7
9	Other Specified - Unintentional	3,456	249.2
10	Poisoning - Unintentional	2,740	197.5

Total Injury Case Count: 134,748 Rate: 9,714.7

### 25 - 44 YEARS

Rank	Cause	Count	Rate
1	MVT - Unintentional	46,150	1,697.0
2	Fall - Unintentional	29,720	1,092.9
3	Unspecified - Unintentional	24,236	891.2
4	Struck - Unintentional	14,175	521.2
5	Overexertion - Unintentional	12,096	444.8
6	Nat/Env - Unintentional	11,686	429.7
7	Cut/Pierce - Unintentional	11,151	410.0
8	Other Specified - Unintentional	7,298	268.4
9	Struck - Assault	7,246	266.4
10	Poisoning - Unintentional	7,230	265.9

Total Injury Case Count: 246,814 Rate: 9,075.8

## 45 - 64 YEARS

Rank	Cause	Count	Rate
1	Fall - Unintentional	47,616	1,746.6
2	MVT - Unintentional	28,742	1,054.3
3	Unspecified - Unintentional	18,816	690.2
4	Nat/Env - Unintentional	9,632	353.3
5	Struck - Unintentional	8,949	328.3
6	Overexertion - Unintentional	7,912	290.2
7	Cut/Pierce - Unintentional	6,759	247.9
8	Other Specified - Unintentional	5,113	187.5
9	Poisoning - Unintentional	4,049	148.5
10	Struck - Assault	3,219	118.1

Total Injury Case Count: 197,531 Rate: 7,245.6

### **AGES 65 & OVER**

Rank	Cause	Count	Rate
1	Fall - Unintentional	94,558	5,399.9
2	Unspecified - Unintentional	12,333	704.3
3	MVT - Unintentional	10,779	615.6
4	Struck - Unintentional	5,372	306.8
5	Nat/Env - Unintentional	4,945	282.4
6	Other Specified - Unintentional	3,505	200.2
7	Cut/Pierce - Unintentional	2,978	170.1
8	Overexertion - Unintentional	2,866	163.7
9	Poisoning - Unintentional	2,137	122.0
10	Fire/Burn - Unintentional	528	30.2

Total Injury Case Count: 187,398 Rate: 10701.7

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# North Carolina Injury & Violence Prevention Branch

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

### **NON-HISPANIC WHITE**

Rank	Cause	Count	Rate
1	Fall - Unintentional	156,563	2,347.8
2	MVT - Unintentional	52,729	790.7
3	Unspecified - Unintentional	46,810	702.0
4	Struck - Unintentional	32,201	482.9
5	Nat/Env - Unintentional	25,367	380.4
6	Cut/Pierce - Unintentional	20,518	307.7
7	Overexertion - Unintentional	18,577	278.6
8	Other Specified - Unintentional	16,721	250.7
9	Poisoning - Unintentional	12,303	184.5
10	Struck - Assault	7,497	112.4

Total Injury Case Count: 536,179 Rate: 8,040.5

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

Rank	Cause	Count	Rate
1	MVT - Unintentional	53,410	2,302.0
2	Fall - Unintentional	43,368	1,869.2
3	Unspecified - Unintentional	23,755	1,023.9
4	Struck - Unintentional	15,005	646.7
5	Overexertion - Unintentional	10,856	467.9
6	Nat/Env - Unintentional	10,770	464.2
7	Other Specified - Unintentional	7,756	334.3
8	Cut/Pierce - Unintentional	6,791	292.7
9	Struck - Assault	6,420	276.7
10	Poisoning - Unintentional	4,415	190.3

Total Injury Case Count: 266,318 Rate: 11478.6

## **NON-HISPANIC AMERICAN INDIAN**

Rank	Cause	Count	Rate
1	Fall - Unintentional	1,012	811.9
2	MVT - Unintentional	622	499.0
3	Nat/Env - Unintentional	352	282.4
4	Poisoning - Unintentional	317	254.3
5	Unspecified - Unintentional	311	249.5
6	Other Specified - Unintentional	194	155.6
7	Struck - Unintentional	191	153.2
8	Overexertion - Unintentional	103	82.6
9	Unspecified - Assault	101	81.0
10	Cut/Pierce - Unintentional	88	70.6

Total Injury Case Count: 9,899 Rate: 7,941.9

### **NON-HISPANIC ASIAN**

Rank	Cause	Count	Rate
1	Fall - Unintentional	1,245	356.8
2	MVT - Unintentional	1,023	293.1
3	Struck - Unintentional	372	106.6
4	Unspecified - Unintentional	360	103.2
5	Nat/Env - Unintentional	295	84.5
6	Cut/Pierce - Unintentional	213	61.0
7	Other Specified - Unintentional	205	58.7
8	Overexertion - Unintentional	128	36.7
9	Poisoning - Unintentional	91	26.1
10	Poisoning - Self-Inflicted	78	22.4

Total Injury Case Count: 5,994 Rate: 1,717.6

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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 ED Visits By Race/Ethnicity & Gender\* North Carolina Residents, 2019

### **HISPANIC**

Rank	Cause	Count	Rate
1	Fall - Unintentional	11,141	1,086.0
2	MVT - Unintentional	10,631	1,036.3
3	Unspecified - Unintentional	5,305	517.1
4	Struck - Unintentional	3,886	378.8
5	Nat/Env - Unintentional	2,933	285.9
6	Cut/Pierce - Unintentional	2,551	248.7
7	Other Specified - Unintentional	2,387	232.7
8	Overexertion - Unintentional	2,026	197.5
9	Struck - Assault	1,012	98.7
10	Poisoning - Unintentional	879	85.7

Total Injury Case Count: 60,803 Rate: 5,927.2

## **FEMALE**

Rank	Cause	Count	Rate
1	Fall - Unintentional	131,478	2,440.2
2	MVT - Unintentional	68,378	1,269.1
3	Unspecified - Unintentional	41,020	761.3
4	Struck - Unintentional	23,306	432.6
5	Nat/Env - Unintentional	21,552	400.0
6	Overexertion - Unintentional	17,086	317.1
7	Other Specified - Unintentional	12,264	227.6
8	Cut/Pierce - Unintentional	10,778	200.0
9	Poisoning - Unintentional	8,451	156.9
10	Struck - Assault	7,585	140.8

Total Injury Case Count: 471,055 Rate: 8,742.8

### **MALE**

Rank	Cause	Count	Rate
1	Fall - Unintentional	90,212	1,768.8
2	MVT - Unintentional	56,141	1,100.8
3	Unspecified - Unintentional	38,761	760.0
4	Struck - Unintentional	30,973	607.3
5	Cut/Pierce - Unintentional	20,905	409.9
6	Nat/Env - Unintentional	20,131	394.7
7	Other Specified - Unintentional	16,601	325.5
8	Overexertion - Unintentional	16,096	315.6
9	Poisoning - Unintentional	10,334	202.6
10	Struck - Assault	8,242	161.6

Total Injury Case Count: 449,480 Rate: 8,813.0

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