

**10 Leading Causes of Injury ED Visits By Age Group\*  
 North Carolina Residents, 2020**

**ALL AGES**

Rank	Cause	Count	Rate
1	Mechanism & Intent Undetermined	203,825	1,922.7
2	Fall - Unintentional	182,948	1,725.7
3	MVT - Unintentional	96,924	914.3
4	Unspecified - Unintentional	53,632	505.9
5	Struck - Unintentional	36,750	346.7
6	Nat/Env - Unintentional	29,487	278.2
7	Cut/Pierce - Unintentional	26,464	249.6
8	Other Specified - Unintentional	24,221	228.5
9	Overexertion - Unintentional	23,868	225.1
10	Poisoning - Unintentional	20,006	188.7

Total Injury Case Count: 746,579 Rate: 7,042.5

**INFANTS (<1)**

Rank	Cause	Count	Rate
1	Fall - Unintentional	2,266	1,915.3
2	Mechanism & Intent Undetermined	1,354	1,144.5
3	Unspecified - Unintentional	579	489.4
4	MVT - Unintentional	508	429.4
	Other Specified - Unintentional	508	429.4
5	Struck - Unintentional	242	204.5
6	Other Specified - Assault	209	176.7
7	Nat/Env - Unintentional	200	169.0
8	Poisoning - Unintentional	162	136.9
9	Fire/Burn - Unintentional	81	68.5

Total Injury Case Count: 6,042 Rate: 5,107.0

**1 - 4 YEARS**

Rank	Cause	Count	Rate
1	Mechanism & Intent Undetermined	11,138	2,280.0
2	Fall - Unintentional	9,644	1,974.2
3	Other Specified - Unintentional	3,954	809.4
4	Unspecified - Unintentional	3,493	715.0
5	Struck - Unintentional	2,663	545.1
6	Nat/Env - Unintentional	2,569	525.9
7	MVT - Unintentional	1,886	386.1
8	Poisoning - Unintentional	1,542	315.7
9	Cut/Pierce - Unintentional	910	186.3
10	Fire/Burn - Unintentional	582	119.1

Total Injury Case Count: 37,987 Rate: 7,776.1

**5 - 14 YEARS**

Rank	Cause	Count	Rate
1	Mechanism & Intent Undetermined	20,297	1,562.7
2	Fall - Unintentional	11,834	911.1
3	MVT - Unintentional	5,920	455.8
4	Struck - Unintentional	5,332	410.5
5	Unspecified - Unintentional	4,035	310.7
6	Nat/Env - Unintentional	3,945	303.7
7	Other Specified - Unintentional	3,321	255.7
8	Cut/Pierce - Unintentional	2,902	223.4
9	Overexertion - Unintentional	1,745	134.3
10	Pedal Cyclist Other - Unintentional	1,307	100.6

Total Injury Case Count: 64,047 Rate: 4,931.0

\* Rate suppressed, count between 1 and 4. <sup>1</sup> Rate should be interpreted with caution, count between 5 and 10. Rates are reported per 100,000.  
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**15 - 24 YEARS**

Rank	Cause	Count	Rate
1	Mechanism & Intent Undetermined	27,237	1,950.8
2	MVT - Unintentional	21,982	1,574.4
3	Fall - Unintentional	10,296	737.4
4	Unspecified - Unintentional	7,084	507.4
5	Struck - Unintentional	6,843	490.1
6	Cut/Pierce - Unintentional	4,900	351.0
7	Overexertion - Unintentional	4,242	303.8
8	Nat/Env - Unintentional	3,877	277.7
9	Struck - Assault	3,070	219.9
10	Poisoning - Unintentional	2,911	208.5

Total Injury Case Count: 105,885 Rate: 7,583.9

**25 - 44 YEARS**

Rank	Cause	Count	Rate
1	Mechanism & Intent Undetermined	55,381	2,011.4
2	MVT - Unintentional	36,662	1,331.5
3	Fall - Unintentional	24,132	876.5
4	Unspecified - Unintentional	16,858	612.3
5	Struck - Unintentional	10,682	388.0
6	Cut/Pierce - Unintentional	9,388	341.0
7	Overexertion - Unintentional	9,186	333.6
8	Poisoning - Unintentional	8,569	311.2
9	Nat/Env - Unintentional	8,426	306.0
10	Other Specified - Unintentional	6,282	228.2

Total Injury Case Count: 205,566 Rate: 7,466.0

**45 - 64 YEARS**

Rank	Cause	Count	Rate
1	Mechanism & Intent Undetermined	45,744	1,675.0
2	Fall - Unintentional	40,988	1,500.9
3	MVT - Unintentional	22,016	806.2
4	Unspecified - Unintentional	12,995	475.8
5	Nat/Env - Unintentional	6,885	252.1
6	Struck - Unintentional	6,869	251.5
7	Overexertion - Unintentional	6,004	219.8
8	Cut/Pierce - Unintentional	5,751	210.6
9	Poisoning - Unintentional	4,473	163.8
10	Other Specified - Unintentional	4,358	159.6

Total Injury Case Count: 165,471 Rate: 6,059.1

**AGES 65 & OVER**

Rank	Cause	Count	Rate
1	Fall - Unintentional	83,788	4,617.6
2	Mechanism & Intent Undetermined	42,663	2,351.2
3	Unspecified - Unintentional	8,587	473.2
4	MVT - Unintentional	7,947	438.0
5	Struck - Unintentional	4,119	227.0
6	Nat/Env - Unintentional	3,585	197.6
7	Other Specified - Unintentional	2,898	159.7
8	Cut/Pierce - Unintentional	2,534	139.6
9	Overexertion - Unintentional	2,205	121.5
10	Poisoning - Unintentional	1,824	100.5

Total Injury Case Count: 161,552 Rate: 8,903.1

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**10 Leading Causes of Injury ED Visits By Race/Ethnicity\*  
 North Carolina Residents, 2020**

**NON-HISPANIC WHITE**

Rank	Cause	Count	Rate
1	Fall - Unintentional	130,879	1,950.2
2	Mechanism & Intent Undetermined	115,196	1,716.5
3	MVT - Unintentional	40,198	599.0
4	Unspecified - Unintentional	30,681	457.2
5	Struck - Unintentional	22,149	330.0
6	Nat/Env - Unintentional	18,989	283.0
7	Cut/Pierce - Unintentional	17,070	254.4
8	Other Specified - Unintentional	14,007	208.7
9	Overexertion - Unintentional	13,340	198.8
10	Poisoning - Unintentional	12,824	191.1

Total Injury Case Count: 439,943 Rate: 6,555.6

**NON-HISPANIC BLACK**

Rank	Cause	Count	Rate
1	Mechanism & Intent Undetermined	55,933	2,385.9
2	MVT - Unintentional	41,188	1,757.0
3	Fall - Unintentional	33,193	1,415.9
4	Unspecified - Unintentional	15,671	668.5
5	Struck - Unintentional	9,624	410.5
6	Overexertion - Unintentional	7,431	317.0
7	Nat/Env - Unintentional	6,264	267.2
8	Other Specified - Unintentional	6,156	262.6
9	Cut/Pierce - Unintentional	5,397	230.2
10	Struck - Assault	4,960	211.6

Total Injury Case Count: 202,402 Rate: 8,633.9

**NON-HISPANIC AMERICAN INDIAN**

Rank	Cause	Count	Rate
1	Mechanism & Intent Undetermined	6,640	5,340.3
2	Fall - Unintentional	861	692.5
3	MVT - Unintentional	652	524.4
4	Poisoning - Unintentional	614	493.8
5	Other Specified - Unintentional	216	173.7
6	Nat/Env - Unintentional	212	170.5
7	Unspecified - Unintentional	189	152.0
8	Other Land Trans - Unintentional	172	138.3
9	Unspecified - Assault	95	76.4
10	Overexertion - Unintentional	73	58.7

Total Injury Case Count: 10,065 Rate: 8,094.9

**NON-HISPANIC ASIAN**

Rank	Cause	Count	Rate
1	Mechanism & Intent Undetermined	1,507	408.8
2	Fall - Unintentional	972	263.7
3	MVT - Unintentional	726	196.9
4	Unspecified - Unintentional	251	68.1
5	Struck - Unintentional	218	59.1
6	Nat/Env - Unintentional	217	58.9
7	Other Specified - Unintentional	195	52.9
8	Cut/Pierce - Unintentional	183	49.6
9	Overexertion - Unintentional	102	27.7
10	Poisoning - Unintentional	88	23.9

Total Injury Case Count: 4,696 Rate: 1,273.9

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## 10 Leading Causes of Injury ED Visits By Race/Ethnicity & Gender\* North Carolina Residents, 2020

### HISPANIC

Rank	Cause	Count	Rate
1	Mechanism & Intent Undetermined	11,622	1,104.3
2	MVT - Unintentional	8,486	806.3
3	Fall - Unintentional	8,443	802.2
4	Unspecified - Unintentional	3,834	364.3
5	Struck - Unintentional	2,552	242.5
6	Cut/Pierce - Unintentional	2,190	208.1
7	Nat/Env - Unintentional	2,020	191.9
8	Other Specified - Unintentional	1,913	181.8
9	Overexertion - Unintentional	1,674	159.1
10	Struck - Assault	941	89.4

Total Injury Case Count: 46,844 Rate: 4,451.0

### FEMALE

Rank	Cause	Count	Rate
1	Fall - Unintentional	108,144	1,985.0
2	Mechanism & Intent Undetermined	95,854	1,759.4
3	MVT - Unintentional	50,412	925.3
4	Unspecified - Unintentional	27,002	495.6
5	Struck - Unintentional	15,861	291.1
6	Nat/Env - Unintentional	15,165	278.4
7	Overexertion - Unintentional	12,268	225.2
8	Other Specified - Unintentional	10,231	187.8
9	Cut/Pierce - Unintentional	9,003	165.3
10	Poisoning - Unintentional	8,327	152.8

Total Injury Case Count: 374,271 Rate: 6,869.7

### MALE

Rank	Cause	Count	Rate
1	Mechanism & Intent Undetermined	107,910	2,094.3
2	Fall - Unintentional	74,699	1,449.8
3	MVT - Unintentional	46,403	900.6
4	Unspecified - Unintentional	26,616	516.6
5	Struck - Unintentional	20,869	405.0
6	Cut/Pierce - Unintentional	17,449	338.7
7	Nat/Env - Unintentional	14,320	277.9
8	Other Specified - Unintentional	13,980	271.3
9	Poisoning - Unintentional	11,649	226.1
10	Overexertion - Unintentional	11,596	225.1

Total Injury Case Count: 371,864 Rate: 7,217.1

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