

**Number of 2007 injury-related N.C. ED visits and ED visits rates per 100,000 population
Unintentional Injuries by Age Group, According to Mechanism**

MECHANISM	Age of Patient (in Years)																					
	<1		1-4		5-9		10-14		15-24		25-34		35-44		45-54		55-64		65+		All Ages	
	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate
Cut/ Pierce	121	92.2	2,151	424.8	2,856	467.1	3,266	550.2	10,087	820.0	8,716	714.8	6,967	519.4	5,125	394.0	2,980	291.2	2,680	242.9	44,951	496.1
Drowning/ Submersion	*	*	38	7.5	25	4.1	16	*	51	4.1	27	2.2	19	*	13	*	*	*	14	*	215	2.4
Fall	1,929	1469.2	15,269	3015.4	12,405	2028.9	11,886	2002.3	16,892	1373.2	16,734	1372.3	17,111	1275.7	17,154	1318.9	14,568	1423.4	44,831	4062.9	168,803	1863.0
Fire/ Burn	168	128.0	1,227	242.3	439	71.8	355	59.8	1,848	150.2	1,719	141.0	1,414	105.4	1,149	88.3	545	53.2	465	42.1	9,329	103.0
Fire/ Flame	15	*	151	29.8	84	13.7	88	14.8	430	35.0	467	38.3	407	30.3	374	28.8	168	16.4	190	17.2	2,374	26.2
Hot object/ substance	153	116.5	1,076	212.5	355	58.1	267	45.0	1,418	115.3	1,252	102.7	1,007	75.1	775	59.6	377	36.8	275	24.9	6,955	76.8
Firearms			*	*	14	*	22	3.7	415	33.7	255	20.9	141	10.5	116	8.9	57	5.6	46	4.2	1,072	11.8
Machinery	*	*	28	5.5	20	3.3	25	4.2	543	44.1	673	55.2	721	53.8	579	44.5	369	36.1	315	28.5	3,274	36.1
Motor-Vehicle Traffic	172	131.0	1,306	257.9	2,374	388.3	3,392	571.4	26,680	2168.9	19,567	1604.6	15,613	1164.0	11,884	913.7	6,396	624.9	5,062	458.8	92,459	1020.4
Occupant	156	118.8	1,090	215.3	1,969	322.0	2,699	454.7	21,966	1785.7	15,712	1288.5	12,393	924.0	9,341	718.2	5,222	510.2	4,240	384.3	74,798	825.5
Motorcyclist	*	*	13	*	55	9.0	174	29.3	1,138	92.5	1,073	88.0	934	69.6	735	56.5	308	30.1	106	9.6	4,538	50.1
Pedal cyclist	*	*	*	*	55	9.0	96	16.2	143	11.6	73	6.0	101	7.5	113	8.7	35	3.4	17	*	639	7.1
Pedestrian	*	*	84	16.6	103	16.8	142	23.9	640	52.0	434	35.6	379	28.3	346	26.6	145	14.2	137	12.4	2,416	26.7
Unspecified	*	*	73	14.4	127	20.8	197	33.2	2,122	172.5	1,826	149.7	1,397	104.2	1,070	82.3	543	53.1	449	40.7	7,810	86.2
Pedal cyclist, other	*	*	399	78.8	1,679	274.6	1,595	268.7	866	70.4	455	37.3	518	38.6	502	38.6	222	21.7	104	9.4	6,341	70.0
Pedestrian, other			58	11.5	49	8.0	51	8.6	92	7.5	63	5.2	80	6.0	48	3.7	26	2.5	47	4.3	514	5.7
Transport, other	11	*	245	48.4	647	105.8	1,320	222.4	2,972	241.6	1,939	159.0	1,607	119.8	980	75.3	475	46.4	378	34.3	10,575	116.7
Natural/ Environmental	292	222.4	3,665	723.8	2,730	446.5	2,050	345.3	5,205	423.1	4,753	389.8	4,447	331.6	3,751	288.4	2,352	229.8	2,381	215.8	31,632	349.1
Bites/ Stings	252	191.9	3,427	676.8	2,494	407.9	1,786	300.9	4,309	350.3	3,959	324.7	3,646	271.8	3,042	233.9	1,908	186.4	1,836	166.4	26,663	294.3
Overexertion	93	70.8	1,289	254.6	1,362	222.8	4,414	743.6	13,716	1115.0	15,010	1230.9	13,303	991.8	8,872	682.1	3,734	364.8	2,907	263.5	64,706	714.1
Poisoning	189	144.0	1,642	324.3	295	48.2	204	34.4	1,205	98.0	1,100	90.2	1,247	93.0	1,191	91.6	737	72.0	953	86.4	8,764	96.7
Struck By/ Against	450	342.7	5,875	1160.2	6,998	1144.5	10,442	1759.1	17,801	1447.1	11,329	929.0	8,915	664.7	5,850	449.8	2,939	287.2	3,314	300.3	73,918	815.8
Suffocation	48	36.6	142	28.0	18	*	17	*	26	2.1	22	1.8	24	1.8	39	3.0	41	4.0	163	14.8	540	6.0
Other specified, classifiable	389	296.3	3,962	782.4	2,506	409.9	1,697	285.9	4,500	365.8	4,292	352.0	3,984	297.0	2,991	230.0	1,754	171.4	2,080	188.5	28,156	310.7
Other specified, nec	90	68.5	631	124.6	541	88.5	827	139.3	2,131	173.2	1,954	160.2	1,685	125.6	1,317	101.3	682	66.6	861	78.0	10,721	118.3
Unspecified	470	358.0	2,599	513.3	1,845	301.8	2,435	410.2	8,889	722.6	10,226	838.6	9,493	707.8	7,396	568.6	3,974	388.3	5,794	525.1	53,133	586.4

Data Source: NC DETECT, Emergency Department file 2007; NC State Center for Health Statistics bridged population data 2007.

Analysis conducted by NC-DPH Injury and Violence Prevention Branch, Epidemiology and Surveillance Unit.

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ED-1

**Number of 2007 injury-related N.C. ED visits and ED visits rates per 100,000 population
Self-Inflicted Injuries by Age Group, According to Mechanism**

MECHANISM	Age of Patient (in Years)														All Ages							
	<1		1-4		5-9		10-14		15-24		25-34		35-44				45-54		55-64		65+	
	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate
Cut/ Pierce			*	*	116	19.5	754	61.3	541	44.4	391	29.2	208	16.0	42	4.1	20	1.8	2,075	22.9		
Drowning/ Submersion					*	*											*	*	*	*		
Fall			*	*	*	*	*	*	10	*	*	*	*	*	*	*			35	0.4		
Fire/ Burn					*	*	11	*	*	*	*	*	*	*					26	0.3		
<i>Fire/ Flame</i>					*	*	11	*	*	*	*	*	*	*					26	0.3		
Firearms							24	2.0	30	2.5	19	*	20	1.5	10	*	21	1.9	124	1.4		
Motor-Vehicle Traffic							*	*	*	*	*	*	*	*	*	*			*	*		
Poisoning			*	*	*	*	158	26.6	1,893	153.9	1,576	129.2	1,626	121.2	1,053	81.0	341	33.3	139	12.6	6,796	75.0
Suffocation					*	*	15	*	11	*	20	1.5	*	*	*	*	*	*	66	0.7		
Other specified, classifiable					*	*	*	*	*	*	*	*	*	*	*	*	*	*	35	0.4		
Other specified, nec			*	*	*	*	26	4.4	137	11.1	70	5.7	38	2.8	23	1.8	10	*	*	*	319	3.5
Unspecified			*	*	*	*	13	*	39	3.2	21	1.7	16	*	14	*	*	*	108	1.2		

Data Sources: NC DETECT, Emergency Department file 2007; NC State Center for Health Statistics bridged population data 2007.

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ED-2

**Number of 2007 injury-related N.C. ED visits and ED visits rates per 100,000 population
Assault Injuries by Age Group, According to Mechanism**

MECHANISM	Age of Patient (in Years)																						
	<1		1-4		5-9		10-14		15-24		25-34		35-44		45-54		55-64		65+		All Ages		
	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate	
Cut/ Pierce			*	*	*	*	50	8.4	969	78.8	883	72.4	613	45.7	339	26.1	67	6.5	49	4.4	2,985	32.9	
Drowning/ Submersion			*	*									*	*					*	*	*	*	
Fall			*	*	*	*	*	*	*	*	*	10	*	*	*	*	*	*	*			43	0.5
Fire/ Burn			*	*	*	*	*	*	*	*	12	*	12	*	10	*	*	*	*	*	*	51	0.6
Fire/ Flame			*	*			*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	24	0.3
Hot object/ Substance					*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	27	0.3
Firearms			*	*	*	*	12	*	481	39.1	342	28.0	173	12.9	75	5.8	29	2.8	23	2.1	1,144	12.6	
Motor-Vehicle Traffic							*	*	21	1.7	28	2.3	17	*	10	*	*	*	*	*	79	0.9	
Poisoning							*	*	14	*	*	*	*	*	*	*	*	*	*	*	*	33	0.4
Struck by/ Against	13	*	34	6.7	111	18.2	703	118.4	5,968	485.2	4,374	358.7	3,124	232.9	1,975	151.8	529	51.7	228	20.7	17,061	188.3	
Suffocation							*	*	20	1.6	24	2.0	20	1.5	*	*	*	*	*	*	77	0.8	
Other specified, classifiable	28	21.3	68	13.4	72	11.8	133	22.4	818	66.5	705	57.8	484	36.1	221	17.0	62	6.1	44	4.0	2,635	29.1	
Other specified, nec	*	*	29	5.7	33	5.4	116	19.5	1,171	95.2	946	77.6	720	53.7	462	35.5	145	14.2	78	7.1	3,706	40.9	
Unspecified	*	*	16	*	18	*	103	17.4	1,328	108.0	1,189	97.5	966	72.0	590	45.4	141	13.8	93	8.4	4,454	49.2	

Data Sources: NC DETECT, Emergency Department file 2007; NC State Center for Health Statistics bridged population data 2007.
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ED-3

**Number of 2007 injury-related N.C. ED visits and ED visits rates per 100,000 population
Undetermined Injuries by Age Group, According to Mechanism**

MECHANISM	Age of Patient (in Years)																						
	<1		1-4		5-9		10-14		15-24		25-34		35-44		45-54		55-64		65+		All Ages		
	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate	
Cut/ Pierce							*	*	27	2.2	30	2.5	19	*	11	*	*	*	*	*	93	1.0	
Drowning/ Submersion							*	*	*	*	*	*									*	*	
Fall	*	*	10	*	*	*	*	*	26	2.1	14	*	13	*	10	*	*	*	*	*	*	94	1.0
Fire/ Burn	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	27	0.3
<i>Fire/ Flame</i>	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		20	0.2
<i>Hot object/ Substance</i>									*	*			*	*	*	*			*	*	*	*	
Firearms			*	*			*	*	106	8.6	60	4.9	32	2.4	21	1.6	*	*	*	*	235	2.6	
Motor-Vehicle Traffic											*	*					*	*			*	*	
Natural/ Environmental													*	*	*	*	*	*	*	*	*	*	
Poisoning	*	*	57	11.3	31	5.1	69	11.6	543	44.1	443	36.3	484	36.1	391	30.1	166	16.2	117	10.6	2,310	25.5	
Suffocation											*	*	*	*	*	*			*	*	*	*	
Other specified, classifiable					*	*	10	*	10	*	*	*										28	0.3
Other specified, nec	*	*	*	*	10	*	20	3.4	58	4.7	64	5.2	55	4.1	60	4.6	22	2.1	25	2.3	327	3.6	
Unspecified	11	*	23	4.5	12	*	11	*	45	3.7	30	2.5	39	2.9	39	3.0	14	*	30	2.7	254	2.8	

Data Sources: NC DETECT, Emergency Department file 2007; NC State Center for Health Statistics bridged population data 2007.
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ED-4

**Number of 2007 injury-related N.C. ED visits and ED visits rates per 100,000 population
Other Injuries by Age Group, According to Mechanism**

MECHANISM	Age of Patient (in Years)																							
	<1		1-4		5-9		10-14		15-24		25-34		35-44		45-54		55-64		65+		All Ages			
	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate		
Cut/ Pierce									*	*	*	*	*	*	*	*						20	0.2	
Firearms									*	*	*	*	*	*	*	*	*	*	*	*	*		20	0.2
Poisoning									*	*	*	*	*	*	*	*	*	*	*	*	*		10	*
Struck by/ Against							*	*	130	10.6	139	11.4	117	8.7	66	5.1	12	*	*	*	*	470	5.2	
Other specified, classifiable									*	*	*	*	*	*	*	*						*	*	
Other specified, nec									10	*	*	*	*	*	*	*	*	*	*	*	*	25	0.3	
Unspecified									13	*	27	2.2	13	*	16	*	*	*	*	*	*	71	0.8	
Adverse Effects	291	221.6	833	164.5	690	112.9	572	96.4	2,343	190.5	2,986	244.9	3,884	289.6	4,519	347.4	4,562	445.7	8,530	773.1	29,221	322.5		
Medical Care	164	124.9	348	68.7	320	52.3	260	43.8	1,270	103.2	1,850	151.7	2,552	190.3	3,155	242.6	3,342	326.5	6,378	578.0	19,647	216.8		
Drugs	127	96.7	485	95.8	370	60.5	312	52.6	1,073	87.2	1,136	93.2	1,332	99.3	1,364	104.9	1,220	119.2	2,152	195.0	9,574	105.7		

Data Sources: NC DETECT, Emergency Department file 2007; NC State Center for Health Statistics bridged population data 2007.

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ED-5