

North Carolina Animal* Related Crashes

2020 – 2022 *County Rankings and Crash Data*



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North Carolina Department of Transportation

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***Data in this report was obtained by utilizing the “Animal” flag indicator on the North Carolina Collision Report Form and includes all reportable crashes. These numbers may vary from other studies due to the manner in which the data was analyzed.**

Current NC Collision Report Forms do not distinguish between animal types. However, data analyses shows that approximately 90% of all reported animal related crashes involve deer.

DISCLAIMER FOR 2020 DATA:

Reductions in typical roadway volumes were experienced Statewide in 2020 due to the COVID-19 pandemic. In addition, the frequency of total crashes in 2020 was found to have decreased from prior years, but the frequency of fatal crashes in 2020 was found to have increased from prior years. The potential impact of the COVID-19 pandemic and shift in data trends should be kept in mind when reviewing traffic safety analyses and/or data reports that incorporate 2020 volume and/or crash data. The analyses and reports that include this data may not represent typical conditions of the areas and locations being reviewed.

Statewide Animal Crashes - County Rankings

CNTY #	County	2015		2016		2017		2018		2019		2020		2021		2022		20-22 Total	20-22 Rank
		Count	Rank	Count	Rank	Count	Rank	Count	Rank	Count	Rank	Count	Rank	Count	Rank	Count	Rank		
91	WAKE	838	1	731	1	823	1	779	1	1,024	1	767	1	979	1	829	1	2,575	1
73	PITT	501	4	550	2	550	3	486	3	605	3	627	2	676	2	584	3	1,887	2
40	GUILFORD	525	3	549	3	617	2	483	5	650	2	593	3	676	3	580	4	1,849	3
75	RANDOLPH	414	8	445	8	475	7	380	12	536	4	551	4	599	4	589	2	1,739	4
89	UNION	425	7	462	5	507	5	504	2	531	5	458	5	530	5	491	5	1,479	5
30	DUPLIN	548	2	515	4	522	4	464	8	488	7	446	6	480	8	468	8	1,394	6
23	COLUMBUS	450	6	450	7	415	10	485	4	453	11	441	7	463	10	477	6	1,381	7
77	ROBESON	357	11	350	13	396	11	428	9	456	10	423	8	499	6	450	11	1,372	8
50	JOHNSTON	339	13	312	17	326	16	366	13	400	15	381	13	487	7	467	9	1,335	9
59	MECKLENBURG	457	5	459	6	424	9	471	7	498	6	392	10	473	9	465	10	1,330	10
9	BRUNSWICK	393	9	429	9	491	6	472	6	480	8	392	9	459	11	471	7	1,322	11
62	MOORE	321	16	325	15	280	24	318	15	435	13	327	17	433	12	401	13	1,161	12
33	FORSYTH	375	10	425	10	452	8	423	10	440	12	374	14	371	15	394	14	1,139	13
22	CLEVELAND	330	14	332	14	352	14	396	11	404	14	341	16	358	17	423	12	1,122	14
78	ROCKINGHAM	326	15	355	11	388	12	360	14	465	9	391	11	379	13	338	18	1,108	15
95	WAYNE	221	30	244	29	239	29	273	25	307	23	390	12	374	14	327	19	1,091	16
53	LENOIR	251	27	285	21	284	23	287	19	324	19	353	15	368	16	318	21	1,039	17
81	SAMPSON	309	19	317	16	319	17	278	21	280	27	288	20	332	20	392	15	1,012	18
28	DAVIDSON	311	18	310	19	351	15	278	20	331	18	314	18	332	21	352	16	998	19
66	ONSLow	273	22	273	23	271	25	274	24	303	24	264	28	330	22	345	17	939	20
18	CHATHAM	314	17	311	18	288	20	262	28	386	16	270	27	356	18	310	25	936	21
24	CRAVEN	212	32	202	35	254	28	217	33	272	28	276	23	344	19	307	26	927	22
63	NASH	277	21	257	26	290	19	271	26	318	20	290	19	321	23	306	27	917	23
70	PENDER	355	12	352	12	373	13	312	16	332	17	272	25	316	25	326	20	914	24
8	BLADEN	290	20	307	20	307	18	267	27	290	26	260	29	321	24	311	24	892	25
42	HARNETT	271	23	275	22	288	21	287	18	297	25	255	31	293	28	315	22	863	26
12	CABARRUS	267	24	266	25	267	26	295	17	313	21	283	22	285	29	282	28	850	27
0	ALAMANCE	242	29	256	27	226	33	277	22	308	22	272	24	300	26	272	30	844	28
6	BEAUFORT	202	36	186	39	231	32	221	32	239	34	257	30	295	27	271	31	823	29
67	ORANGE	261	26	235	30	289	22	226	31	261	29	219	33	269	30	313	23	801	30
83	STANLY	267	25	272	24	262	27	276	23	260	30	245	32	268	31	278	29	791	31
97	WILSON	166	44	198	37	204	37	211	34	252	31	272	26	240	34	249	32	761	32
32	EDGEcombe	243	28	253	28	238	30	241	29	240	32	285	21	263	32	185	41	733	33
79	ROWAN	192	39	213	31	233	31	227	30	240	33	218	34	234	35	227	34	679	34
31	DURHAM	209	33	201	36	226	34	198	36	215	36	198	36	251	33	189	40	638	35
34	FRANKLIN	201	37	160	45	153	47	190	37	215	37	192	37	205	38	229	33	626	36
41	HALIFAX	206	34	190	38	162	42	145	49	219	35	201	35	204	39	193	38	598	37

CNTY #	County	2015		2016		2017		2018		2019		2020		2021		2022		20-22 Total	20-22 Rank
		Count	Rank	Count	Rank	Count	Rank	Count	Rank	Count	Rank	Count	Rank	Count	Rank	Count	Rank		
35	GASTON	147	51	168	41	128	53	143	50	186	45	179	40	207	36	199	37	585	38
72	PERSON	165	46	146	48	177	41	160	44	208	39	175	43	205	37	204	36	584	39
17	CATAWBA	199	38	162	43	159	44	145	48	156	53	177	41	197	43	205	35	579	40
48	IREDELL	166	43	210	33	194	39	165	42	190	43	187	38	202	41	189	39	578	41
25	CUMBERLAND	164	47	158	46	155	46	170	41	160	52	184	39	180	47	184	42	548	42
3	ANSON	166	45	141	49	180	40	174	40	212	38	156	49	199	42	178	43	533	43
38	GRANVILLE	179	41	157	47	156	45	146	47	198	42	154	50	203	40	165	48	522	44
57	MARTIN	149	50	165	42	140	49	161	43	176	47	170	44	185	45	165	47	520	45
82	SCOTLAND	147	52	134	51	127	54	132	52	165	49	141	53	184	46	177	44	502	46
52	LEE	175	42	138	50	161	43	130	53	207	40	130	54	195	44	164	49	489	47
85	SURRY	204	35	209	34	201	38	202	35	180	46	159	47	151	53	171	45	481	48
10	BUNCOMBE	105	63	114	57	140	50	155	45	205	41	176	42	133	59	170	46	479	49
51	JONES	140	54	115	55	121	57	148	46	150	54	162	46	142	56	159	50	463	50
11	BURKE	112	59	110	61	120	59	129	54	134	55	150	51	153	52	135	56	438	51
61	MONTGOMERY	163	48	161	44	209	36	189	38	176	48	170	45	154	51	114	63	438	52
80	RUTHERFORD	179	40	170	40	143	48	119	56	161	51	141	52	158	49	138	55	437	53
46	HOKE	115	57	121	54	105	65	104	62	133	56	124	57	156	50	152	51	432	54
98	YADKIN	109	61	114	56	112	62	124	55	128	59	131	55	136	58	147	52	414	55
76	RICHMOND	158	49	126	53	126	55	134	51	161	50	119	60	163	48	130	58	412	56
39	GREENE	111	60	99	64	121	58	106	60	130	58	122	58	144	54	145	53	411	57
84	STOKES	216	31	211	32	211	35	188	39	188	44	157	48	115	65	133	57	405	58
90	VANCE	142	53	126	52	122	56	115	58	123	60	121	59	132	61	139	54	392	59
7	BERTIE	115	58	113	58	107	63	103	63	105	64	102	64	144	55	128	59	374	60
96	WILKES	101	65	112	59	136	51	108	59	105	67	126	56	132	60	115	61	373	61
13	CALDWELL	109	62	91	65	106	64	86	67	110	63	102	65	142	57	108	67	352	62
54	LINCOLN	87	68	68	72	65	76	59	76	89	69	111	61	121	62	115	62	347	63
94	WATAUGA	69	74	60	78	77	71	83	70	111	62	106	62	114	67	105	68	325	64
65	NORTHAMPTON	115	56	101	63	116	60	106	61	105	66	98	66	117	64	110	65	325	65
29	DAVIE	118	55	112	60	131	52	115	57	102	68	103	63	108	68	101	69	312	66
44	HENDERSON	60	79	61	77	83	69	83	69	114	61	75	74	101	69	118	60	294	67
58	MCDOWELL	79	71	81	67	114	61	102	64	105	65	89	68	115	66	81	72	285	68
15	CARTERET	86	69	68	73	66	73	75	71	79	74	76	73	98	70	110	66	284	69
16	CASWELL	101	64	109	62	101	66	98	65	130	57	82	70	119	63	79	73	280	70
19	CHEROKEE	43	89	65	75	68	72	75	72	81	72	77	72	82	74	114	64	273	71
93	WASHINGTON	74	73	78	68	82	70	86	68	81	73	87	69	88	72	96	70	271	72
92	WARREN	89	67	81	66	83	68	57	80	72	76	94	67	79	76	87	71	260	73
64	NEW HANOVER	91	66	77	69	94	67	91	66	85	70	74	75	80	75	75	75	229	74
45	HERTFORD	84	70	74	70	65	75	75	73	74	75	59	78	91	71	78	74	228	75

CNTY #	County	2015		2016		2017		2018		2019		2020		2021		2022		20-22 Total	20-22 Rank
		Count	Rank	Count	Rank	Count	Rank	Count	Rank	Count	Rank	Count	Rank	Count	Rank	Count	Rank		
1	ALEXANDER	66	76	59	82	66	74	57	79	59	77	80	71	83	73	61	83	224	76
69	PASQUOTANK	45	86	70	71	54	82	61	75	58	79	62	76	65	79	62	82	189	77
55	MACON	45	87	64	76	58	78	43	88	55	80	60	77	56	83	72	78	188	78
71	PERQUIMANS	62	77	50	84	45	84	39	92	38	91	52	83	61	81	74	77	187	79
4	ASHE	79	72	59	81	36	91	43	86	48	83	53	80	60	82	70	80	183	80
74	POLK	52	82	60	79	55	80	69	74	82	71	52	84	72	77	56	85	180	81
87	TRANSYLVANIA	34	94	34	92	44	85	43	89	48	84	58	79	47	87	74	76	179	82
68	PAMLICO	41	90	45	87	42	87	47	85	47	85	52	82	64	80	55	86	171	83
21	CLAY	35	93	40	90	27	93	47	84	49	82	34	93	65	78	70	79	169	84
26	CURRITUCK	66	75	52	83	60	77	43	87	34	93	43	86	52	86	68	81	163	85
5	AVERY	38	92	50	85	55	81	49	82	59	78	53	81	54	85	48	90	155	86
88	TYRRELL	56	80	66	74	56	79	58	78	54	81	51	85	32	94	56	84	139	87
27	DARE	52	83	34	93	44	86	37	93	34	94	37	89	56	84	44	91	137	88
43	HAYWOOD	47	85	24	96	37	90	26	97	38	90	35	91	44	88	55	87	134	89
56	MADISON	44	88	42	89	42	88	58	77	43	86	36	90	42	89	52	88	130	90
20	CHOWAN	53	81	49	86	38	89	41	90	40	88	39	88	38	91	49	89	126	91
36	GATES	61	78	60	80	50	83	50	81	42	87	40	87	29	95	42	92	111	92
49	JACKSON	17	98	20	98	27	97	48	83	39	89	35	92	35	92	32	94	102	93
99	YANCEY	41	91	43	88	31	92	30	96	16	98	33	94	23	97	39	93	95	94
47	HYDE	47	84	36	91	27	94	40	91	36	92	30	95	42	90	16	98	88	95
14	CAMDEN	34	95	24	97	27	96	33	94	29	95	25	96	33	93	29	96	87	96
60	MITCHELL	21	97	26	95	14	98	14	98	18	97	14	98	25	96	30	95	69	97
2	ALLEGHANY	24	96	28	94	27	95	31	95	22	96	20	97	23	98	19	97	62	98
86	SWAIN	7	99	10	99	6	99	9	99	9	99	10	100	11	99	13	99	34	99
37	GRAHAM	4	100	8	100	5	100	8	100	5	100	10	99	8	100	5	100	23	100
TOTAL		18,042		17,911		18,548		17,993		20,344		18,638		20,908		20,098		59,644	

2020-2022 Statewide Animal Crashes

COUNTY	Total Crashes	Total Fatalities	A Injuries	B Injuries	C Injuries	Total Injuries	Damage
WAKE	2,575	0	2	37	84	123	\$7,923,825
GUILFORD	1,849	0	2	27	89	118	\$5,704,876
RANDOLPH	1,739	1	3	22	34	59	\$5,675,528
PITT	1,887	1	0	22	67	89	\$5,566,669
UNION	1,479	0	1	18	41	60	\$5,509,299
MECKLENBURG	1,330	1	0	18	94	112	\$4,404,386
MOORE	1,161	0	3	13	27	43	\$4,230,900
JOHNSTON	1,335	2	4	11	43	58	\$4,125,323
BRUNSWICK	1,322	0	2	16	29	47	\$3,968,469
ROBESON	1,372	0	2	6	26	34	\$3,964,312
DUPLIN	1,394	0	1	10	30	41	\$3,904,438
COLUMBUS	1,381	0	3	7	46	56	\$3,661,202
CLEVELAND	1,122	0	0	11	28	39	\$3,648,452
WAYNE	1,091	0	0	14	42	56	\$3,477,645
ROCKINGHAM	1,108	0	2	10	27	39	\$3,414,049
FORSYTH	1,139	0	2	34	50	86	\$3,320,789
LENOIR	1,039	0	0	6	27	33	\$3,158,819
SAMPSON	1,012	0	1	18	37	56	\$2,903,868
CHATHAM	936	0	2	19	10	31	\$2,756,642
DAVIDSON	998	1	1	15	21	37	\$2,737,281
HARNETT	863	0	3	9	29	41	\$2,730,254
CABARRUS	850	0	1	3	25	29	\$2,662,160
NASH	917	0	0	8	35	43	\$2,660,922
ORANGE	801	0	2	10	36	48	\$2,557,150
ALAMANCE	844	0	2	22	22	46	\$2,520,879
CRAVEN	927	0	4	17	26	47	\$2,482,800
STANLY	791	1	0	7	6	13	\$2,427,538
WILSON	761	0	0	3	19	22	\$2,417,417
BLADEN	892	0	1	1	18	20	\$2,403,368
PENDER	914	0	2	8	17	27	\$2,319,815
ONSLow	939	1	2	6	16	24	\$2,281,550
BEAUFORT	823	0	1	12	20	33	\$2,260,097
FRANKLIN	626	0	1	11	24	36	\$2,104,143
ROWAN	679	0	0	9	19	28	\$2,047,696
DURHAM	638	0	0	10	28	38	\$2,032,220
CATAWBA	579	0	0	11	18	29	\$1,917,942
MARTIN	520	0	0	4	17	21	\$1,907,096
IREDELL	578	0	3	18	25	46	\$1,834,510
GASTON	585	0	1	10	31	42	\$1,806,476
EDGEcombe	733	0	0	5	28	33	\$1,746,040
GRANVILLE	522	0	2	5	17	24	\$1,739,931
HALIFAX	598	0	0	5	10	15	\$1,682,899
SCOTLAND	502	0	0	4	16	20	\$1,677,400
JONES	463	0	2	4	18	24	\$1,624,909
CUMBERLAND	548	0	1	13	21	35	\$1,594,000
ANSON	533	1	1	7	14	22	\$1,571,015
SURRY	481	0	2	11	17	30	\$1,570,847

COUNTY	Total Crashes	Total Fatalities	A Injuries	B Injuries	C Injuries	Total Injuries	Damage
LEE	489	0	1	10	13	24	\$1,561,450
BUNCOMBE	479	0	1	10	17	28	\$1,549,359
PERSON	584	0	0	7	7	14	\$1,528,947
YADKIN	414	0	0	6	15	21	\$1,478,900
VANCE	392	0	1	4	6	11	\$1,405,258
BERTIE	374	0	0	1	10	11	\$1,390,910
HOKE	432	0	0	7	10	17	\$1,333,387
MONTGOMERY	438	0	1	3	8	12	\$1,304,300
RUTHERFORD	437	1	2	11	17	30	\$1,302,774
WILKES	373	0	0	13	9	22	\$1,266,606
BURKE	438	0	0	8	15	23	\$1,251,398
MCDOWELL	285	0	1	4	6	11	\$1,241,972
RICHMOND	412	0	0	6	11	17	\$1,203,700
GREENE	411	0	0	5	17	22	\$1,139,660
CHEROKEE	273	0	2	7	5	14	\$1,132,600
CALDWELL	352	0	0	6	13	19	\$1,130,100
STOKES	405	0	0	8	9	17	\$1,043,459
DAVIE	312	0	0	7	9	16	\$991,792
NORTHAMPTON	325	0	1	6	5	12	\$978,950
HENDERSON	294	0	0	6	7	13	\$962,040
WATAUGA	325	0	0	2	11	13	\$930,800
LINCOLN	347	0	0	1	9	10	\$920,015
WARREN	260	1	0	6	11	17	\$887,284
ALEXANDER	224	0	1	4	5	10	\$826,800
CARTERET	284	0	2	3	6	11	\$766,950
WASHINGTON	271	0	0	4	7	11	\$757,153
ASHE	183	0	1	3	7	11	\$733,560
CASWELL	280	0	0	3	7	10	\$699,604
POLK	180	0	0	2	3	5	\$666,800
NEW HANOVER	229	0	0	4	7	11	\$652,523
MACON	188	0	0	1	5	6	\$625,100
PERQUIMANS	187	0	0	1	2	3	\$624,900
HERTFORD	228	0	0	2	12	14	\$615,895
CURRITUCK	163	0	0	1	5	6	\$579,760
CLAY	169	0	1	2	1	4	\$544,511
DARE	137	0	1	3	4	8	\$526,100
AVERY	155	0	0	2	5	7	\$509,578
PAMLICO	171	0	0	4	1	5	\$484,800
TRANSYLVANIA	179	0	0	0	7	7	\$483,540
PASQUOTANK	189	0	1	4	5	10	\$479,300
MADISON	130	0	1	6	6	13	\$445,398
HAYWOOD	134	0	0	3	7	10	\$431,500
TYRRELL	139	0	1	1	6	8	\$416,992
YANCEY	95	0	0	1	4	5	\$414,714
CHOWAN	126	0	0	0	4	4	\$413,300
JACKSON	102	0	0	3	4	7	\$388,200
CAMDEN	87	0	0	5	3	8	\$357,700
GATES	111	0	1	1	7	9	\$343,127
HYDE	88	0	0	3	3	6	\$295,000

COUNTY	Total Crashes	Total Fatalities	A Injuries	B Injuries	C Injuries	Total Injuries	Damage
ALLEGHANY	62	1	0	3	6	9	\$269,272
MITCHELL	69	1	1	4	6	11	\$210,400
SWAIN	34	0	0	0	1	1	\$126,662
GRAHAM	23	0	1	1	0	2	\$76,300
TOTALS	59,644	13	84	785	1,810	2,679	\$183,338,946

2020-2022 Statewide Animal Crashes by Month

Month	Total Crashes	Percent (%)
January	4,783	8.0%
February	3,768	6.3%
March	3,546	5.9%
April	2,681	4.5%
May	3,024	5.1%
June	3,753	6.3%
July	2,836	4.8%
August	2,384	4.0%
September	3,145	5.3%
October	8,438	14.1%
November	13,487	22.6%
December	7,799	13.1%
TOTALS	59,644	100.0%

2020-2022 Statewide Animal Crashes by Time of Day

Time of Day	Total Crashes	Percent (%)
12:00 AM	2,324	3.9%
1:00 AM	1,749	2.9%
2:00 AM	1,582	2.7%
3:00 AM	1,589	2.7%
4:00 AM	2,248	3.8%
5:00 AM	3,898	6.5%
6:00 AM	5,272	8.8%
7:00 AM	3,932	6.6%
8:00 AM	1,744	2.9%
9:00 AM	1,180	2.0%
10:00 AM	963	1.6%
11:00 AM	976	1.6%
12:00 PM	821	1.4%
1:00 PM	742	1.2%
2:00 PM	681	1.1%
3:00 PM	709	1.2%
4:00 PM	802	1.3%
5:00 PM	2,469	4.1%
6:00 PM	4,797	8.0%
7:00 PM	4,980	8.3%
8:00 PM	4,943	8.3%
9:00 PM	4,774	8.0%
10:00 PM	3,590	6.0%
11:00 PM	2,879	4.8%
TOTALS	59,644	100.0%