

North Carolina Animal* Related Crashes

2021 – 2023 County Rankings and Crash Data



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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	2016		2017		2018		2019		2020		2021		2022		2023		21-23 Total	21-23 Rank
		Count	Rank	Count	Rank	Count	Rank	Count	Rank	Count	Rank	Count	Rank	Count	Rank	Count	Rank		
91	WAKE	731	1	823	1	779	1	1,024	1	767	1	979	1	829	1	928	1	2,736	1
40	GUILFORD	549	3	617	2	483	5	650	2	593	3	676	3	580	4	789	2	2,045	2
73	PITT	550	2	550	3	486	3	605	3	627	2	676	2	584	3	632	4	1,892	3
75	RANDOLPH	445	8	475	7	380	12	536	4	551	4	599	4	589	2	672	3	1,860	4
89	UNION	462	5	507	5	504	2	531	5	458	5	530	5	491	5	553	5	1,574	5
23	COLUMBUS	450	7	415	10	485	4	453	11	441	7	463	10	477	6	522	6	1,462	6
77	ROBESON	350	13	396	11	428	9	456	10	423	8	499	6	450	11	499	7	1,448	7
30	DUPLIN	515	4	522	4	464	8	488	7	446	6	480	8	468	8	483	8	1,431	8
50	JOHNSTON	312	17	326	16	366	13	400	15	381	13	487	7	467	9	440	12	1,394	9
9	BRUNSWICK	429	9	491	6	472	6	480	8	392	9	459	11	471	7	453	11	1,383	10
59	MECKLENBURG	459	6	424	9	471	7	498	6	392	10	473	9	465	10	423	13	1,361	11
62	MOORE	325	15	280	24	318	15	435	13	327	17	433	12	401	13	465	10	1,299	12
33	FORSYTH	425	10	452	8	423	10	440	12	374	14	371	15	394	14	466	9	1,231	13
22	CLEVELAND	332	14	352	14	396	11	404	14	341	16	358	17	423	12	414	16	1,195	14
81	SAMPSON	317	16	319	17	278	21	280	27	288	20	332	20	392	15	414	17	1,138	15
78	ROCKINGHAM	355	11	388	12	360	14	465	9	391	11	379	13	338	18	419	14	1,136	16
95	WAYNE	244	29	239	29	273	25	307	23	390	12	374	14	327	19	378	20	1,079	17
28	DAVIDSON	310	19	351	15	278	20	331	18	314	18	332	21	352	16	381	19	1,065	18
66	ONslow	273	23	271	25	274	24	303	24	264	28	330	22	345	17	390	18	1,065	19
53	LENOIR	285	21	284	23	287	19	324	19	353	15	368	16	318	21	373	21	1,059	20
42	HARNETT	275	22	288	21	287	18	297	25	255	31	293	28	315	22	415	15	1,023	21
70	PENDER	352	12	373	13	312	16	332	17	272	25	316	25	326	20	372	22	1,014	22
8	BLADEN	307	20	307	18	267	27	290	26	260	29	321	24	311	24	365	23	997	23
18	CHATHAM	311	18	288	20	262	28	386	16	270	27	356	18	310	25	299	27	965	24
63	NASH	257	26	290	19	271	26	318	20	290	19	321	23	306	27	321	26	948	25
24	CRAVEN	202	35	254	28	217	33	272	28	276	23	344	19	307	26	286	28	937	26
67	ORANGE	235	30	289	22	226	31	261	29	219	33	269	30	313	23	345	24	927	27
0	ALAMANCE	256	27	226	33	277	22	308	22	272	24	300	26	272	30	334	25	906	28
12	CABARRUS	266	25	267	26	295	17	313	21	283	22	285	29	282	28	268	29	835	29
6	BEAUFORT	186	39	231	32	221	32	239	34	257	30	295	27	271	31	257	31	823	30
83	STANLY	272	24	262	27	276	23	260	30	245	32	268	31	278	29	218	37	764	31
97	WILSON	198	37	204	37	211	34	252	31	272	26	240	34	249	32	251	33	740	32
79	ROWAN	213	31	233	31	227	30	240	33	218	34	234	35	227	34	268	30	729	33
34	FRANKLIN	160	45	153	47	190	37	215	37	192	37	205	38	229	33	251	32	685	34
32	EDGEcombe	253	28	238	30	241	29	240	32	285	21	263	32	185	41	224	36	672	35
17	CATAWBA	162	43	159	44	145	48	156	53	177	41	197	43	205	35	234	35	636	36
31	DURHAM	201	36	226	34	198	36	215	36	198	36	251	33	189	40	184	45	624	37

CNTY #	County	2016		2017		2018		2019		2020		2021		2022		2023		21-23 Total	21-23 Rank
		Count	Rank	Count	Rank	Count	Rank	Count	Rank	Count	Rank	Count	Rank	Count	Rank	Count	Rank		
25	CUMBERLAND	158	46	155	46	170	41	160	52	184	39	180	47	184	42	236	34	600	38
72	PERSON	146	48	177	41	160	44	208	39	175	43	205	37	204	36	189	43	598	39
48	IREDELL	210	33	194	39	165	42	190	43	187	38	202	41	189	39	205	39	596	40
41	HALIFAX	190	38	162	42	145	49	219	35	201	35	204	39	193	38	196	42	593	41
35	GASTON	168	41	128	53	143	50	186	45	179	40	207	36	199	37	180	49	586	42
3	ANSON	141	49	180	40	174	40	212	38	156	49	199	42	178	43	199	41	576	43
57	MARTIN	165	42	140	49	161	43	176	47	170	44	185	45	165	47	203	40	553	44
82	SCOTLAND	134	51	127	54	132	52	165	49	141	53	184	46	177	44	181	48	542	45
85	SURRY	209	34	201	38	202	35	180	46	159	47	151	53	171	45	214	38	536	46
52	LEE	138	50	161	43	130	53	207	40	130	54	195	44	164	49	176	52	535	47
38	GRANVILLE	157	47	156	45	146	47	198	42	154	50	203	40	165	48	166	54	534	48
10	BUNCOMBE	114	57	140	50	155	45	205	41	176	42	133	59	170	46	187	44	490	49
51	JONES	115	55	121	57	148	46	150	54	162	46	142	56	159	50	184	46	485	50
98	YADKIN	114	56	112	62	124	55	128	59	131	55	136	58	147	52	184	47	467	51
11	BURKE	110	61	120	59	129	54	134	55	150	51	153	52	135	56	178	50	466	52
39	GREENE	99	64	121	58	106	60	130	58	122	58	144	54	145	53	176	51	465	53
80	RUTHERFORD	170	40	143	48	119	56	161	51	141	52	158	49	138	55	166	55	462	54
76	RICHMOND	126	53	126	55	134	51	161	50	119	60	163	48	130	58	162	56	455	55
46	HOKE	121	54	105	65	104	62	133	56	124	57	156	50	152	51	121	63	429	56
7	BERTIE	113	58	107	63	103	63	105	64	102	64	144	55	128	59	145	57	417	57
84	STOKES	211	32	211	35	188	39	188	44	157	48	115	65	133	57	169	53	417	58
90	VANCE	126	52	122	56	115	58	123	60	121	59	132	61	139	54	140	58	411	59
96	WILKES	112	59	136	51	108	59	105	67	126	56	132	60	115	61	136	59	383	60
13	CALDWELL	91	65	106	64	86	67	110	63	102	65	142	57	108	67	132	60	382	61
61	MONTGOMERY	161	44	209	36	189	38	176	48	170	45	154	51	114	63	103	65	371	62
54	LINCOLN	68	72	65	76	59	76	89	69	111	61	121	62	115	62	129	61	365	63
29	DAVIE	112	60	131	52	115	57	102	68	103	63	108	68	101	69	124	62	333	64
65	NORTHAMPTON	101	63	116	60	106	61	105	66	98	66	117	64	110	65	98	67	325	65
44	HENDERSON	61	77	83	69	83	69	114	61	75	74	101	69	118	60	97	68	316	66
94	WATAUGA	60	78	77	71	83	70	111	62	106	62	114	67	105	68	97	69	316	67
15	CARTERET	68	73	66	73	75	71	79	74	76	73	98	70	110	66	90	70	298	68
58	MCDOWELL	81	67	114	61	102	64	105	65	89	68	115	66	81	72	98	66	294	69
16	CASWELL	109	62	101	66	98	65	130	57	82	70	119	63	79	73	89	71	287	70
19	CHEROKEE	65	75	68	72	75	72	81	72	77	72	82	74	114	64	87	73	283	71
93	WASHINGTON	78	68	82	70	86	68	81	73	87	69	88	72	96	70	80	75	264	72
64	NEW HANOVER	77	69	94	67	91	66	85	70	74	75	80	75	75	75	89	72	244	73
92	WARREN	81	66	83	68	57	80	72	76	94	67	79	76	87	71	75	76	241	74
45	HERTFORD	74	70	65	75	75	73	74	75	59	78	91	71	78	74	71	79	240	75

CNTY #	County	2016		2017		2018		2019		2020		2021		2022		2023		21-23 Total	21-23 Rank
		Count	Rank	Count	Rank	Count	Rank	Count	Rank	Count	Rank	Count	Rank	Count	Rank	Count	Rank		
74	POLK	60	79	55	80	69	74	82	71	52	84	72	77	56	85	107	64	235	76
4	ASHE	59	81	36	91	43	86	48	83	53	80	60	82	70	80	81	74	211	77
21	CLAY	40	90	27	93	47	84	49	82	34	93	65	78	70	79	63	83	198	78
26	CURRITUCK	52	83	60	77	43	87	34	93	43	86	52	86	68	81	71	78	191	79
55	MACON	64	76	58	78	43	88	55	80	60	77	56	83	72	78	63	84	191	80
1	ALEXANDER	59	82	66	74	57	79	59	77	80	71	83	73	61	83	46	90	190	81
71	PERQUIMANS	50	84	45	84	39	92	38	91	52	83	61	81	74	77	55	88	190	82
69	PASQUOTANK	70	71	54	82	61	75	58	79	62	76	65	79	62	82	62	85	189	83
68	PAMLICO	45	87	42	87	47	85	47	85	52	82	64	80	55	86	67	80	186	84
87	TRANSYLVANIA	34	92	44	85	43	89	48	84	58	79	47	87	74	76	56	87	177	85
43	HAYWOOD	24	96	37	90	26	97	38	90	35	91	44	88	55	87	74	77	173	86
5	AVERY	50	85	55	81	49	82	59	78	53	81	54	85	48	90	63	82	165	87
56	MADISON	42	89	42	88	58	77	43	86	36	90	42	89	52	88	64	81	158	88
20	CHOWAN	49	86	38	89	41	90	40	88	39	88	38	91	49	89	59	86	146	89
27	DARE	34	93	44	86	37	93	34	94	37	89	56	84	44	91	45	91	145	90
88	TYRRELL	66	74	56	79	58	78	54	81	51	85	32	94	56	84	45	92	133	91
49	JACKSON	20	98	27	97	48	83	39	89	35	92	35	92	32	94	54	89	121	92
36	GATES	60	80	50	83	50	81	42	87	40	87	29	95	42	92	37	95	108	93
99	YANCEY	43	88	31	92	30	96	16	98	33	94	23	97	39	93	41	93	103	94
14	CAMDEN	24	97	27	96	33	94	29	95	25	96	33	93	29	96	38	94	100	95
60	MITCHELL	26	95	14	98	14	98	18	97	14	98	25	96	30	95	33	96	88	96
2	ALLEGHANY	28	94	27	95	31	95	22	96	20	97	23	98	19	97	30	97	72	97
47	HYDE	36	91	27	94	40	91	36	92	30	95	42	90	16	98	14	99	72	98
86	SWAIN	10	99	6	99	9	99	9	99	10	100	11	99	13	99	18	98	42	99
37	GRAHAM	8	100	5	100	8	100	5	100	10	99	8	100	5	100	11	100	24	100
TOTAL		17,911		18,548		17,993		20,344		18,638		20,908		20,098		21,835		62,841	

2021-2023 Statewide Animal Crashes

COUNTY	Total Crashes	Total Fatalities	A Injuries	B Injuries	C Injuries	Total Injuries	Damage
WAKE	2,736	1	2	36	80	118	\$8,949,680
RANDOLPH	1,860	1	2	26	46	74	\$6,579,442
GUILFORD	2,050	0	1	34	96	131	\$6,504,521
UNION	1,574	0	1	17	45	63	\$5,930,900
PITT	1,893	1	0	20	54	74	\$5,554,061
MOORE	1,299	0	2	14	38	54	\$4,977,380
MECKLENBURG	1,361	1	0	20	101	121	\$4,551,050
ROBESON	1,448	0	2	10	24	36	\$4,511,758
JOHNSTON	1,394	2	5	9	32	46	\$4,444,687
BRUNSWICK	1,383	0	2	14	20	36	\$4,397,804
COLUMBUS	1,462	0	7	5	51	63	\$4,277,041
DUPLIN	1,431	0	2	8	25	35	\$4,190,536
CLEVELAND	1,199	0	0	15	31	46	\$4,068,513
FORSYTH	1,231	0	2	19	62	83	\$3,934,314
WAYNE	1,079	0	0	22	36	58	\$3,922,533
ROCKINGHAM	1,136	0	2	9	32	43	\$3,695,046
SAMPSON	1,138	0	1	13	34	48	\$3,685,159
HARNETT	1,023	0	1	10	38	49	\$3,597,050
LENOIR	1,059	0	0	8	29	37	\$3,431,814
DAVIDSON	1,065	1	3	22	23	48	\$3,063,976
ORANGE	927	0	1	8	44	53	\$2,928,037
CHATHAM	965	0	1	17	7	25	\$2,910,385
CABARRUS	835	0	1	3	20	24	\$2,853,210
PENDER	1,014	0	3	9	23	35	\$2,814,792
BLADEN	997	0	1	2	16	19	\$2,783,926
NASH	948	1	0	9	40	49	\$2,770,620
ALAMANCE	906	0	0	22	24	46	\$2,737,599
WILSON	740	0	0	2	20	22	\$2,667,717
CRAVEN	937	0	3	18	21	42	\$2,646,400
ONslow	1,066	2	1	9	16	26	\$2,607,330
FRANKLIN	686	1	0	8	26	34	\$2,461,809
BEAUFORT	823	1	0	14	21	35	\$2,441,331
STANLY	764	1	0	6	6	12	\$2,440,951
ROWAN	729	0	0	8	14	22	\$2,324,496
CATAWBA	636	0	1	10	23	34	\$2,309,249
DURHAM	628	0	1	12	26	39	\$2,142,070
MARTIN	553	0	2	6	8	16	\$2,079,641
GASTON	587	0	3	13	43	59	\$2,025,479
IREDELL	596	0	1	15	22	38	\$1,922,731
GRANVILLE	534	0	0	7	20	27	\$1,874,339
SURRY	537	0	3	14	18	35	\$1,871,547
JONES	485	0	0	7	18	25	\$1,838,414
HALIFAX	593	0	1	7	9	17	\$1,830,075
SCOTLAND	542	0	0	6	20	26	\$1,824,788
CUMBERLAND	612	0	1	10	20	31	\$1,765,587
PERSON	598	0	0	11	6	17	\$1,729,959
YADKIN	467	0	0	8	16	24	\$1,724,240

COUNTY	Total Crashes	Total Fatalities	A Injuries	B Injuries	C Injuries	Total Injuries	Damage
EDGECOMBE	672	0	0	6	24	30	\$1,701,585
LEE	535	0	1	10	14	25	\$1,682,250
BUNCOMBE	493	0	0	8	20	28	\$1,636,611
BERTIE	417	0	0	2	14	16	\$1,619,476
ANSON	576	1	1	7	19	27	\$1,534,415
VANCE	411	0	2	4	8	14	\$1,522,908
BURKE	466	0	0	9	12	21	\$1,480,821
GREENE	465	0	1	4	12	17	\$1,405,197
RUTHERFORD	462	0	3	13	16	32	\$1,396,148
HOKE	429	0	0	4	11	15	\$1,388,900
RICHMOND	455	0	1	3	12	16	\$1,367,364
WILKES	383	0	1	5	7	13	\$1,330,484
MCDOWELL	294	0	2	4	5	11	\$1,327,567
MONTGOMERY	371	1	2	2	4	8	\$1,229,300
STOKES	417	0	1	8	12	21	\$1,226,923
CHEROKEE	283	0	2	8	7	17	\$1,203,400
CALDWELL	382	0	0	5	17	22	\$1,190,600
DAVIE	333	0	0	9	9	18	\$1,124,480
NORTHAMPTON	325	0	1	5	8	14	\$1,074,000
LINCOLN	365	0	0	5	8	13	\$1,073,012
WATAUGA	316	0	0	1	9	10	\$1,009,000
HENDERSON	316	0	0	6	11	17	\$980,301
POLK	235	0	0	3	2	5	\$942,000
WARREN	241	1	0	5	11	16	\$893,134
ASHE	211	0	0	3	9	12	\$891,255
CARTERET	298	0	1	1	9	11	\$846,950
ALEXANDER	191	0	1	4	3	8	\$825,149
WASHINGTON	264	0	1	2	8	11	\$772,717
NEW HANOVER	244	0	0	3	8	11	\$759,427
CASWELL	287	0	1	3	9	13	\$746,354
PERQUIMANS	190	0	0	3	3	6	\$731,200
CURRITUCK	191	0	0	2	8	10	\$674,510
HERTFORD	240	0	0	1	13	14	\$673,327
MACON	191	0	0	4	3	7	\$670,600
CLAY	198	0	1	3	4	8	\$665,569
AVERY	165	0	0	2	1	3	\$620,911
HAYWOOD	175	1	0	3	6	9	\$611,200
MADISON	158	0	0	10	4	14	\$556,283
DARE	146	1	1	3	4	8	\$554,950
PAMLICO	186	0	1	4	3	8	\$553,600
CHOWAN	146	0	0	0	4	4	\$543,150
JACKSON	121	0	0	5	2	7	\$529,200
TRANSYLVANIA	177	0	0	0	8	8	\$515,690
PASQUOTANK	189	0	1	4	4	9	\$515,300
YANCEY	103	0	1	1	3	5	\$455,029
TYRRELL	133	0	0	0	2	2	\$429,242
GATES	108	0	1	1	7	9	\$388,827
CAMDEN	100	0	0	5	5	10	\$378,401
ALLEGHANY	72	1	1	4	6	11	\$332,556

COUNTY	Total Crashes	Total Fatalities	A Injuries	B Injuries	C Injuries	Total Injuries	Damage
MITCHELL	88	1	2	2	6	10	\$287,578
HYDE	72	0	0	1	3	4	\$252,200
SWAIN	42	0	0	0	1	1	\$158,212
GRAHAM	24	0	0	0	0	0	\$74,000
TOTALS	62,878	20	90	802	1,862	2,754	\$203,947,250

2021-2023 Statewide Animal Crashes by Month

Month	Total Crashes	Percent (%)
January	4,877	7.8%
February	3,870	6.2%
March	3,558	5.7%
April	2,827	4.5%
May	3,219	5.1%
June	3,855	6.1%
July	2,885	4.6%
August	2,540	4.0%
September	3,223	5.1%
October	9,022	14.3%
November	14,871	23.7%
December	8,131	12.9%
TOTALS	62,878	100.0%

2021-2023 Statewide Animal Crashes by Time of Day

Time of Day	Total Crashes	Percent (%)
12:00 AM	2,397	3.8%
1:00 AM	1,849	2.9%
2:00 AM	1,647	2.6%
3:00 AM	1,653	2.6%
4:00 AM	2,356	3.7%
5:00 AM	4,092	6.5%
6:00 AM	5,641	9.0%
7:00 AM	4,240	6.7%
8:00 AM	1,971	3.1%
9:00 AM	1,296	2.1%
10:00 AM	1,026	1.6%
11:00 AM	1,047	1.7%
12:00 PM	855	1.4%
1:00 PM	773	1.2%
2:00 PM	705	1.1%
3:00 PM	737	1.2%
4:00 PM	818	1.3%
5:00 PM	2,537	4.0%
6:00 PM	4,935	7.8%
7:00 PM	5,372	8.5%
8:00 PM	5,192	8.3%
9:00 PM	5,029	8.0%
10:00 PM	3,784	6.0%
11:00 PM	2,926	4.7%
TOTALS	62,878	100.0%