

North Carolina Counties

Annual Agricultural Loss from Turbine and WNS Bat Killings

[Source of data → Study (*Economic Importance of Bats in Agriculture*): <<http://science.sciencemag.org/content/332/6025/41.full>>, plus supporting materials <<http://science.sciencemag.org/content/suppl/2011/03/31/332.6025.41.DC1>> (see "County Data").]

NC County	Harvested Land (acres)	Estimated Value of Bats Assuming LOW Crop Pest Survival (U.S.\$)	Estimated Value of Bats Assuming STD Crop Pest Survival (U.S.\$)	Estimated Value of Bats Assuming HIGH Crop Pest Survival (U.S.\$)
ALAMANCE	26,770	323,917	1,983,657	4,617,825
ALEXANDER	16,444	198,972	1,218,500	2,836,590
ALLEGHANY	22,626	273,775	1,676,587	3,902,985
ANSON	20,065	242,787	1,486,817	3,461,213
ASHE	25,480	308,308	1,888,068	4,395,300
AVERY	10,397	125,804	770,418	1,793,483
BEAUFORT	130,240	1,575,904	9,650,784	22,466,400
BERTIE	90,193	1,091,335	6,683,301	15,558,293
BLADEN	59,896	724,742	4,438,294	10,332,060
BRUNSWICK	24,193	292,735	1,792,701	4,173,293
BUNCOMBE	14,768	178,693	1,094,309	2,547,480
BURKE	10,385	125,659	769,529	1,791,413
CABARRUS	27,912	337,735	2,068,279	4,814,820
CALDWELL	8,477	102,572	628,146	1,462,283
CAMDEN	47,473	574,423	3,517,749	8,189,093
CARTERET	36,336	439,666	2,692,498	6,267,960
CASWELL	18,676	225,980	1,383,892	3,221,610
CATAWBA	28,798	348,456	2,133,932	4,967,655
CHATHAM	22,335	270,254	1,655,024	3,852,788
CHEROKEE	4,663	56,422	345,528	804,368
CHOWAN	51,581	624,130	3,822,152	8,897,723
CLAY	2,597	31,424	192,438	447,983
CLEVELAND	35,365	427,917	2,620,547	6,100,463
COLUMBUS	97,716	1,182,364	7,240,756	16,856,010
CRAVEN	46,315	560,412	3,431,942	7,989,338
CUMBERLAND	37,026	448,015	2,743,627	6,386,985
CURRITUCK	23,350	282,535	1,730,235	4,027,875
DAVIDSON	34,854	421,733	2,582,681	6,012,315
DAVIE	24,681	298,640	1,828,862	4,257,473
DUPLIN	143,030	1,730,663	10,598,523	24,672,675
DURHAM	4,714	57,039	349,307	813,165
EDGECOMBE	94,988	1,149,355	7,038,611	16,385,430
FORSYTH	18,403	222,676	1,363,662	3,174,518
FRANKLIN	34,711	420,003	2,572,085	5,987,648
GASTON	11,218	135,738	831,254	1,935,105
GATES	48,731	589,645	3,610,967	8,406,098
GRANVILLE	18,840	227,964	1,396,044	3,249,900
GREENE	64,760	783,596	4,798,716	11,171,100
GUILFORD	34,986	423,331	2,592,463	6,035,085
HALIFAX	109,806	1,328,653	8,136,625	18,941,535
HARNETT	64,632	782,047	4,789,231	11,149,020
HAYWOOD	9,802	118,604	726,328	1,690,845
HENDERSON	16,546	200,207	1,226,059	2,854,185
HERTFORD	49,727	601,697	3,684,771	8,577,908

HOKE	29,863	361,342	2,212,848	5,151,368
HYDE	59,016	714,094	4,373,086	10,180,260
IREDELL	58,052	702,429	4,301,653	10,013,970
JACKSON	4,440	53,724	329,004	765,900
JOHNSTON	110,772	1,340,341	8,208,205	19,108,170
JONES	46,309	560,339	3,431,497	7,988,303
LEE	14,544	175,982	1,077,710	2,508,840
LENOIR	104,573	1,265,333	7,748,859	18,038,843
LINCOLN	25,545	309,095	1,892,885	4,406,513
MACON	4,350	52,635	322,335	750,375
MADISON	8,956	108,368	663,640	1,544,910
MARTIN	69,271	838,179	5,132,981	11,949,248
MCDOWELL	4,553	55,091	337,377	785,393
MECKLENBURG	6,377	77,162	472,536	1,100,033
MITCHELL	3,612	43,705	267,649	623,070
MONTGOMERY	6,421	77,694	475,796	1,107,623
MOORE	15,401	186,352	1,141,214	2,656,673
NASH	79,703	964,406	5,905,992	13,748,768
NEW HANOVER	2,593	31,375	192,141	447,293
NORTHAMPTON	100,954	1,221,543	7,480,691	17,414,565
ONSLow	34,078	412,344	2,525,180	5,878,455
ORANGE	18,447	223,209	1,366,923	3,182,108
PAMLICO	39,113	473,267	2,898,273	6,746,993
PASQUOTANK	78,934	955,101	5,849,009	13,616,115
PENDER	31,911	386,123	2,364,605	5,504,648
PERQUIMANS	62,845	760,425	4,656,815	10,840,763
PERSON	30,696	371,422	2,274,574	5,295,060
PITT	125,102	1,513,734	9,270,058	21,580,095
POLK	4,386	53,071	325,003	756,585
RANDOLPH	43,460	525,866	3,220,386	7,496,850
RICHMOND	10,766	130,269	797,761	1,857,135
ROBESON	196,678	2,379,804	14,573,840	33,926,955
ROCKINGHAM	29,200	353,320	2,163,720	5,037,000
ROWAN	55,560	672,276	4,116,996	9,584,100
RUTHERFORD	13,180	159,478	976,638	2,273,550
SAMPSON	187,087	2,263,753	13,863,147	32,272,508
SCOTLAND	27,775	336,078	2,058,128	4,791,188
STANLY	49,631	600,535	3,677,657	8,561,348
STOKES	23,137	279,958	1,714,452	3,991,133
SURRY	39,712	480,515	2,942,659	6,850,320
SWAIN	715	8,652	52,982	123,338
TRANSYLVANIA	5,282	63,912	391,396	911,145
TYRRELL	50,610	612,381	3,750,201	8,730,225
UNION	109,598	1,326,136	8,121,212	18,905,655
VANCE	12,738	154,130	943,886	2,197,305
WAKE	35,610	430,881	2,638,701	6,142,725
WARREN	17,470	211,387	1,294,527	3,013,575
WASHINGTON	80,128	969,549	5,937,485	13,822,080
WATAUGA	8,535	103,274	632,444	1,472,288
WAYNE	126,158	1,526,512	9,348,308	21,762,255
WILKES	26,599	321,848	1,970,986	4,588,328
WILSON	77,780	941,138	5,763,498	13,417,050
YADKIN	47,735	577,594	3,537,164	8,234,288
YANCEY	4,875	58,988	361,238	840,938