

List of Tables

Table	Title	Page
1	Estimated statewide deer harvest in South Carolina in 2009.....	15
2	County rankings based on deer harvest per unit area in South Carolina 2009.....	16
3	County rankings based on total deer harvest in South Carolina in 2009	17
4	Estimated deer harvest on Wildlife Management Areas in South Carolina in 2009	18
5	Hunter opinion (percent) regarding the number of deer in the area hunted most often in South Carolina in 2009 compared to previous years	18
6	Resident deer hunter and deer harvest statistics in South Carolina in 2009	19
7	Non-resident deer hunter and deer harvest statistics in South Carolina in 2009	20
8	Hunting effort (man/days) by county for successful and unsuccessful resident and non-resident hunters in South Carolina in 2009	21
9	Estimated deer harvest by weapon type in South Carolina in 2009.....	22
10	Number of deer hunters using each type of weapon in South Carolina in 2009.....	22
11	Weapons utilization (percent) among deer hunters in South Carolina in 2009	22
12	Weapons preference (percent) among deer hunters in South Carolina in 2009.....	22
13	Estimated wild hog and coyote harvest by deer hunters in South Carolina in 2009.....	23
14	Number of deer-vehicle collisions reported by the South Carolina Department of Transportation 2002-2009.....	24
15	Average live body weights of deer from South Carolina counties, based on historic data.....	25
16	Antler characteristics of male deer from South Carolina counties, based on historic data.....	26

List of Figures

Figure	Title	Page
1	South Carolina Department of Natural Resources 2009 Deer Hunter Survey	27-28
2	Percent of deer harvest by month of season in South Carolina in 2009	29
3	Percent of female deer conceiving by week in South Carolina, based on historic data.....	29
4	Estimated deer harvest in South Carolina, 1972-2009.....	30
5	Estimated South Carolina deer population 1972-2009, based on population reconstruction modeling	30

Table 1. Estimated statewide deer harvest in South Carolina in 2009.

County	Acres*	Square Miles	Buck Harvest	Doe Harvest	Total Harvest	Harvest Rates		% Change from 2008
						Ac/Deer	Deer/Mi. ²	
Abbeville	223,113	349	2,513	2,347	4,860	45.9	13.9	-13.8
Aiken	500,546	782	2,970	1,970	4,940	101.3	6.3	-14.8
Allendale	216,455	338	3,086	3,249	6,336	34.2	18.7	0.4
Anderson	219,068	342	3,017	2,933	5,950	36.8	17.4	18.9
Bamberg	196,573	307	3,454	3,439	6,893	28.5	22.4	12.2
Barnwell	281,764	440	2,094	2,399	4,493	62.7	10.2	-27.0
Beaufort	147,441	230	1,063	1,416	2,480	59.5	10.8	15.3
Berkeley	567,530	887	3,652	2,491	6,143	92.4	6.9	-17.2
Calhoun	190,584	298	2,755	2,333	5,088	37.5	17.1	34.4
Charleston	288,732	451	2,795	2,525	5,321	54.3	11.8	-16.6
Cherokee	156,664	245	1,620	1,811	3,431	45.7	14.0	-0.8
Chester	300,589	470	2,941	3,024	5,965	50.4	12.7	-5.0
Chesterfield	372,478	582	2,480	2,060	4,540	82.1	7.8	0.5
Clarendon	298,087	466	2,402	2,180	4,582	65.1	9.8	-36.2
Colleton	502,666	785	5,305	4,878	10,182	49.4	13.0	-10.3
Darlington	286,228	447	1,087	784	1,871	153.0	4.2	-25.9
Dillon	214,069	334	1,016	868	1,885	113.6	5.6	7.1
Dorchester	302,717	473	2,503	2,387	4,890	61.9	10.3	-12.0
Edgefield	246,543	385	1,752	1,455	3,207	76.9	8.3	-22.8
Fairfield	384,607	601	3,500	3,681	7,181	53.6	11.9	-1.8
Florence	397,888	622	3,629	3,615	7,243	54.9	11.7	7.7
Georgetown	399,638	624	2,068	2,506	4,574	87.4	7.3	-12.1
Greenville	294,257	460	1,752	1,515	3,267	90.1	7.1	5.5
Greenwood	204,400	319	2,352	2,148	4,501	45.4	14.1	-2.8
Hampton	324,840	508	3,494	3,863	7,356	44.2	14.5	-20.4
Horry	533,336	833	2,318	1,364	3,682	144.9	4.4	-30.3
Jasper	309,889	484	2,056	2,448	4,504	68.8	9.3	-26.0
Kershaw	360,485	563	2,977	3,239	6,216	58.0	11.0	6.5
Lancaster	266,382	416	2,415	2,337	4,752	56.1	11.4	-7.4
Laurens	317,916	497	3,383	3,034	6,417	49.5	12.9	-19.3
Lee	220,106	344	2,298	2,150	4,448	49.5	12.9	30.0
Lexington	280,742	439	2,004	1,345	3,349	83.8	7.6	54.5
McCormick	212,021	331	1,529	1,045	2,574	82.4	7.8	-31.6
Marion	216,907	339	1,456	1,460	2,916	74.4	8.6	-19.2
Marlboro	281,271	439	1,431	1,379	2,811	100.1	6.4	20.3
Newberry	317,761	497	3,301	3,395	6,696	47.5	13.5	-11.6
Oconee	284,348	444	831	277	1,109	256.5	2.5	-1.0
Orangeburg	504,516	788	6,333	5,733	12,066	41.8	15.3	6.9
Pickens	219,926	344	1,018	610	1,628	135.1	4.7	0.9
Richland	340,121	531	2,328	2,269	4,597	74.0	8.7	9.3
Saluda	192,173	300	2,268	2,222	4,490	42.8	15.0	39.7
Spartanburg	265,939	416	3,598	3,360	6,958	38.2	16.7	3.9
Sumter	338,968	530	3,035	2,379	5,414	62.6	10.2	6.1
Union	258,111	403	3,742	3,386	7,128	36.2	17.7	-9.4
Williamsburg	513,851	803	4,390	3,786	8,176	62.8	10.2	-23.0
York	276,650	432	2,354	2,240	4,593	60.2	10.6	-24.7
Total	14,028,896	21,920	120,365	111,338	231,703	70.7	11.0	-6.9

95% Confidence Interval for harvest (+ -) 4,114 (+ -) 4,481 (+ -) 7,214

* Acreage shown represents the acreage of forested land and acreage of row crops considered to be significant deer habitat within each county.

Table 2. County rankings based on deer harvested per unit area in South Carolina in 2009.

County	Acres*	Square Miles	Buck Harvest	Doe Harvest	Total Harvest	Harvest Rates		% Change from 2008
						Ac/Deer	Deer/Mi. ²	
Bamberg	196,573	307	3,454	3,439	6,893	28.5	22.4	12.2
Allendale	216,455	338	3,086	3,249	6,336	34.2	18.7	0.4
Union	258,111	403	3,742	3,386	7,128	36.2	17.7	-9.4
Anderson	219,068	342	3,017	2,933	5,950	36.8	17.4	18.9
Calhoun	190,584	298	2,755	2,333	5,088	37.5	17.1	34.4
Spartanburg	265,939	416	3,598	3,360	6,958	38.2	16.7	3.9
Orangeburg	504,516	788	6,333	5,733	12,066	41.8	15.3	6.9
Saluda	192,173	300	2,268	2,222	4,490	42.8	15.0	39.7
Hampton	324,840	508	3,494	3,863	7,356	44.2	14.5	-20.4
Greenwood	204,400	319	2,352	2,148	4,501	45.4	14.1	-2.8
Cherokee	156,664	245	1,620	1,811	3,431	45.7	14.0	-0.8
Abbeville	223,113	349	2,513	2,347	4,860	45.9	13.9	-13.8
Newberry	317,761	497	3,301	3,395	6,696	47.5	13.5	-11.6
Colleton	502,666	785	5,305	4,878	10,182	49.4	13.0	-10.3
Lee	220,106	344	2,298	2,150	4,448	49.5	12.9	30.0
Laurens	317,916	497	3,383	3,034	6,417	49.5	12.9	-19.3
Chester	300,589	470	2,941	3,024	5,965	50.4	12.7	-5.0
Fairfield	384,607	601	3,500	3,681	7,181	53.6	11.9	-1.8
Charleston	288,732	451	2,795	2,525	5,321	54.3	11.8	-16.6
Florence	397,888	622	3,629	3,615	7,243	54.9	11.7	7.7
Lancaster	266,382	416	2,415	2,337	4,752	56.1	11.4	-7.4
Kershaw	360,485	563	2,977	3,239	6,216	58.0	11.0	6.5
Beaufort	147,441	230	1,063	1,416	2,480	59.5	10.8	15.3
York	276,650	432	2,354	2,240	4,593	60.2	10.6	-24.7
Dorchester	302,717	473	2,503	2,387	4,890	61.9	10.3	-12.0
Sumter	338,968	530	3,035	2,379	5,414	62.6	10.2	6.1
Barnwell	281,764	440	2,094	2,399	4,493	62.7	10.2	-27.0
Williamsburg	513,851	803	4,390	3,786	8,176	62.8	10.2	-23.0
Clarendon	298,087	466	2,402	2,180	4,582	65.1	9.8	-36.2
Jasper	309,889	484	2,056	2,448	4,504	68.8	9.3	-26.0
Richland	340,121	531	2,328	2,269	4,597	74.0	8.7	9.3
Marion	216,907	339	1,456	1,460	2,916	74.4	8.6	-19.2
Edgefield	246,543	385	1,752	1,455	3,207	76.9	8.3	-22.8
Chesterfield	372,478	582	2,480	2,060	4,540	82.1	7.8	0.5
McCormick	212,021	331	1,529	1,045	2,574	82.4	7.8	-31.6
Lexington	280,742	439	2,004	1,345	3,349	83.8	7.6	54.5
Georgetown	399,638	624	2,068	2,506	4,574	87.4	7.3	-12.1
Greenville	294,257	460	1,752	1,515	3,267	90.1	7.1	5.5
Berkeley	567,530	887	3,652	2,491	6,143	92.4	6.9	-17.2
Marlboro	281,271	439	1,431	1,379	2,811	100.1	6.4	20.3
Aiken	500,546	782	2,970	1,970	4,940	101.3	6.3	-14.8
Dillon	214,069	334	1,016	868	1,885	113.6	5.6	7.1
Pickens	219,926	344	1,018	610	1,628	135.1	4.7	0.9
Horry	533,336	833	2,318	1,364	3,682	144.9	4.4	-30.3
Darlington	286,228	447	1,087	784	1,871	153.0	4.2	-25.9
Oconee	284,348	444	831	277	1,109	256.5	2.5	-1.0
Total	14,028,896	21,920	120,365	111,338	231,703	70.7	11.0	-6.9

Table 3. County rankings based on total deer harvested in South Carolina in 2009.

County	Acres*	Square Miles	Buck Harvest	Doe Harvest	Total Harvest	Harvest Ac/Deer	Rates Deer/Mi. ²	% Change from 2008
Orangeburg	504,516	788	6,333	5,733	12,066	41.8	15.3	6.9
Colleton	502,666	785	5,305	4,878	10,182	49.4	13.0	-10.3
Williamsburg	513,851	803	4,390	3,786	8,176	62.8	10.2	-23.0
Hampton	324,840	508	3,494	3,863	7,356	44.2	14.5	-20.4
Florence	397,888	622	3,629	3,615	7,243	54.9	11.7	7.7
Fairfield	384,607	601	3,500	3,681	7,181	53.6	11.9	-1.8
Union	258,111	403	3,742	3,386	7,128	36.2	17.7	-9.4
Spartanburg	265,939	416	3,598	3,360	6,958	38.2	16.7	3.9
Bamberg	196,573	307	3,454	3,439	6,893	28.5	22.4	12.2
Newberry	317,761	497	3,301	3,395	6,696	47.5	13.5	-11.6
Laurens	317,916	497	3,383	3,034	6,417	49.5	12.9	-19.3
Allendale	216,455	338	3,086	3,249	6,336	34.2	18.7	0.4
Kershaw	360,485	563	2,977	3,239	6,216	58.0	11.0	6.5
Berkeley	567,530	887	3,652	2,491	6,143	92.4	6.9	-17.2
Chester	300,589	470	2,941	3,024	5,965	50.4	12.7	-5.0
Anderson	219,068	342	3,017	2,933	5,950	36.8	17.4	18.9
Sumter	338,968	530	3,035	2,379	5,414	62.6	10.2	6.1
Charleston	288,732	451	2,795	2,525	5,321	54.3	11.8	-16.6
Calhoun	190,584	298	2,755	2,333	5,088	37.5	17.1	34.4
Aiken	500,546	782	2,970	1,970	4,940	101.3	6.3	-14.8
Dorchester	302,717	473	2,503	2,387	4,890	61.9	10.3	-12.0
Abbeville	223,113	349	2,513	2,347	4,860	45.9	13.9	-13.8
Lancaster	266,382	416	2,415	2,337	4,752	56.1	11.4	-7.4
Richland	340,121	531	2,328	2,269	4,597	74.0	8.7	9.3
York	276,650	432	2,354	2,240	4,593	60.2	10.6	-24.7
Clarendon	298,087	466	2,402	2,180	4,582	65.1	9.8	-36.2
Georgetown	399,638	624	2,068	2,506	4,574	87.4	7.3	-12.1
Chesterfield	372,478	582	2,480	2,060	4,540	82.1	7.8	0.5
Jasper	309,889	484	2,056	2,448	4,504	68.8	9.3	-26.0
Greenwood	204,400	319	2,352	2,148	4,501	45.4	14.1	-2.8
Barnwell	281,764	440	2,094	2,399	4,493	62.7	10.2	-27.0
Saluda	192,173	300	2,268	2,222	4,490	42.8	15.0	39.7
Lee	220,106	344	2,298	2,150	4,448	49.5	12.9	30.0
Horry	533,336	833	2,318	1,364	3,682	144.9	4.4	-30.3
Cherokee	156,664	245	1,620	1,811	3,431	45.7	14.0	-0.8
Lexington	280,742	439	2,004	1,345	3,349	83.8	7.6	54.5
Greenville	294,257	460	1,752	1,515	3,267	90.1	7.1	5.5
Edgefield	246,543	385	1,752	1,455	3,207	76.9	8.3	-22.8
Marion	216,907	339	1,456	1,460	2,916	74.4	8.6	-19.2
Marlboro	281,271	439	1,431	1,379	2,811	100.1	6.4	20.3
McCormick	212,021	331	1,529	1,045	2,574	82.4	7.8	-31.6
Beaufort	147,441	230	1,063	1,416	2,480	59.5	10.8	15.3
Dillon	214,069	334	1,016	868	1,885	113.6	5.6	7.1
Darlington	286,228	447	1,087	784	1,871	153.0	4.2	-25.9
Pickens	219,926	344	1,018	610	1,628	135.1	4.7	0.9
Oconee	284,348	444	831	277	1,109	256.5	2.5	-1.0
Total	14,028,896	21,920	120,365	111,338	231,703	70.7	11.0	-6.9

Table 4. Estimated deer harvest on Wildlife Management Areas in South Carolina in 2009

Area	Acreage	Bucks	Does	Total	Deer/Mi. ²
Mountain Hunt Unit	193,566	757	412	1,169	3.9
Central Piedmont Hunt Unit	159,793	1,885	1,806	3,691	14.8
Western Piedmont Hunt Unit	119,077	1,204	803	2,007	10.8
Subtotal for Upstate WMA's	472,436	3,846	3,022	6,868	9.3
Coastal WMA's*					
Bear Island WMA	1,519	9	15	24	10.1
Bonneau Ferry	10,697	57	45	102	6.1
Botany Bay WMA	2,000	21	40	61	19.5
Crackerneck WMA	10,470	87	32	119	7.3
Cross Generating Station WMA	654	10	17	27	26.4
Donnelley WMA	8,048	28	44	72	5.7
Francis Marion WMA	252,578	363	266	629	1.6
Hamilton Ridge	13,281	48	73	121	5.8
Hickory Top WMA	1,836	12	10	22	7.7
Manchester State Forest WMA	25,505	42	19	61	1.5
Moultrie WMA	9,480	29	24	53	3.6
Oak Lea WMA	2,024	35	38	73	23.1
Palachucola WMA	5,947	28	31	59	6.3
Santee Coastal Reserve WMA	5,000	5	19	24	3.1
Santee Cooper WMA	2,828	22	30	52	11.8
Victoria Bluff WMA	800	4	2	6	4.8
Webb Wildlife Center WMA	5,866	60	59	119	13.0
Subtotal for Coastal WMA's	358,533	860	764	1,624	2.9
Total	830,969	4,706	3,786	8,492	6.5

*Check Station data

Table 5. Hunter opinion (percent) regarding the number of deer in the area hunted most often in South Carolina in 2009 compared to previous years.

	Increasing	About the Same	Decreasing
Residents	14.7	50.5	34.8
Non-Residents	13.7	50.4	35.9
Overall	14.5	50.5	35.0

Table 6. Resident deer hunter and deer harvest statistics in South Carolina in 2009.

County	Number Hunters	Man/Days Hunted	Percent Success	Deer/ Hunter	Days/ Deer	Buck Harvest	Doe Harvest	Total Harvest
Abbeville	3,492	50,755	76	1.30	11.21	2,347	2,180	4,527
Aiken	3,899	53,973	72	1.23	11.24	2,864	1,940	4,804
Allendale	1,681	25,572	73	2.16	7.03	1,663	1,977	3,640
Anderson	3,529	58,241	75	1.64	10.07	2,956	2,827	5,783
Bamberg	3,030	53,011	79	1.90	9.21	2,788	2,970	5,757
Barnwell	2,254	36,732	82	1.74	9.38	1,700	2,217	3,917
Beaufort	1,072	13,895	74	2.02	6.43	942	1,219	2,162
Berkeley	3,880	74,072	70	1.57	12.15	3,621	2,476	6,097
Calhoun	2,716	43,235	74	1.85	8.60	2,753	2,273	5,026
Charleston	3,326	48,448	70	1.42	10.24	2,568	2,162	4,730
Cherokee	1,681	29,083	74	1.73	10.03	1,423	1,478	2,901
Chester	2,901	44,993	69	1.30	11.94	2,032	1,737	3,769
Chesterfield	2,199	44,584	70	1.82	11.12	2,162	1,848	4,009
Clarendon	2,069	29,249	81	2.21	6.38	2,402	2,180	4,582
Colleton	4,287	69,898	76	1.97	8.30	4,305	4,120	8,425
Darlington	1,534	21,674	69	1.18	11.97	1,072	739	1,811
Dillon	979	19,844	81	1.92	10.53	1,016	868	1,885
Dorchester	2,402	35,420	72	1.88	7.82	2,291	2,236	4,527
Edgefield	2,587	35,902	73	1.13	12.30	1,570	1,349	2,919
Fairfield	4,564	59,147	69	1.36	9.50	3,030	3,196	6,227
Florence	2,956	54,026	79	2.39	7.63	3,492	3,585	7,077
Georgetown	2,661	53,804	70	1.67	12.08	1,977	2,476	4,453
Greenville	2,882	33,684	67	1.13	10.36	1,737	1,515	3,252
Greenwood	3,141	43,551	73	1.34	10.34	2,125	2,088	4,213
Hampton	2,457	33,812	75	1.63	8.43	1,571	2,439	4,010
Horry	2,291	45,232	64	1.58	12.49	2,273	1,349	3,621
Jasper	1,478	18,755	78	2.13	5.97	1,238	1,903	3,141
Kershaw	3,160	54,711	75	1.77	9.80	2,735	2,845	5,580
Lancaster	2,217	36,935	75	1.66	10.05	1,885	1,792	3,677
Laurens	4,434	59,014	67	1.36	9.80	3,141	2,882	6,023
Lee	2,069	43,071	75	2.02	10.31	2,162	2,014	4,176
Lexington	3,012	46,119	72	1.09	14.02	1,959	1,330	3,289
McCormick	2,347	31,744	72	1.00	13.53	1,423	924	2,347
Marion	1,589	25,461	83	1.83	8.78	1,441	1,460	2,901
Marlboro	1,164	27,050	73	2.06	11.26	1,219	1,183	2,402
Newberry	4,915	77,198	68	1.30	12.07	3,104	3,289	6,393
Oconee	1,681	19,363	63	0.66	17.47	831	277	1,109
Orangeburg	6,319	104,891	76	1.78	9.34	5,894	5,340	11,233
Pickens	2,069	23,151	58	0.75	14.92	942	610	1,552
Richland	3,566	51,697	73	1.28	11.28	2,328	2,254	4,582
Saluda	3,086	46,099	75	1.40	10.66	2,162	2,162	4,324
Spartanburg	4,324	72,615	70	1.54	10.89	3,492	3,178	6,670
Sumter	3,067	48,891	80	1.71	9.32	2,975	2,273	5,248
Union	3,862	60,899	69	1.49	10.56	3,030	2,734	5,765
Williamsburg	3,658	67,717	83	2.09	8.87	4,102	3,529	7,631
York	3,049	46,544	67	1.30	11.72	2,051	1,922	3,972
Total	131,537	2,073,756	70.0	1.58	10.06	106,794	99,344	206,137
% Change from 2008	1.2	-1.4	-2.4	-8.7	-4.5	-7.2	-4.3	-5.8

Table 7. Non-resident hunter and deer harvest statistics in South Carolina in 2009.

County	Number Hunters	Man/Days Hunted	Percent Success	Deer/Hunter	Days/Deer	Buck Harvest	Doe Harvest	Total Harvest
Abbeville	182	1,711	83	1.83	5.14	167	167	333
Aiken	257	1,545	47	0.53	11.33	106	30	136
Allendale	1,181	15,492	73	2.28	5.75	1,424	1,272	2,696
Anderson	91	757	67	1.83	4.55	61	106	167
Bamberg	591	8,087	69	1.92	7.12	666	469	1,136
Barnwell	439	4,044	58	1.31	7.03	394	182	576
Beaufort	121	1,424	100	2.63	4.48	121	197	318
Berkeley	61	666	25	0.75	14.67	30	15	45
Calhoun	182	1,605	58	0.75	25.76	2	61	62
Charleston	212	1,863	78	2.79	3.15	227	363	591
Cherokee	379	6,028	64	1.40	11.37	197	333	530
Chester	1,196	17,462	68	1.84	7.95	909	1,287	2,196
Chesterfield	485	6,012	59	1.09	11.34	318	212	530
Clarendon	45	757	0	0.00	0.00	0	0	0
Colleton	833	14,978	70	2.11	8.53	1,000	757	1,757
Darlington	151	545	40	0.40	9.00	15	45	61
Dillon	0	0	0	0.00	0.00	0	0	0
Dorchester	273	1,363	67	1.33	3.75	212	151	363
Edgefield	197	3,786	61	1.46	13.16	182	106	288
Fairfield	878	13,221	62	1.09	13.86	469	485	954
Florence	167	1,045	45	1.00	6.27	136	30	167
Georgetown	91	485	83	1.33	4.00	91	30	121
Greenville	61	363	75	0.25	24.00	15	0	15
Greenwood	167	2,590	90	1.73	9.00	227	61	288
Hampton	1,514	26,306	81	2.21	7.86	1,923	1,424	3,347
Horry	76	606	80	0.80	10.00	45	15	61
Jasper	712	17,598	76	1.91	12.91	818	545	1,363
Kershaw	454	4,574	70	1.40	7.19	242	394	636
Lancaster	636	10,298	71	1.69	9.58	530	545	1,075
Laurens	242	3,317	75	1.63	8.42	242	151	394
Lee	151	1,651	80	1.80	6.06	136	136	273
Lexington	45	560	67	1.33	0.00	45	15	61
McCormick	257	3,074	70	0.88	13.53	106	121	227
Marion	45	121	67	0.33	8.00	15	0	15
Marlboro	197	4,316	76	2.08	10.56	212	197	409
Newberry	288	4,089	57	1.05	13.50	197	106	303
Oconee	30	348	50	1.00	0.00	0	0	0
Orangeburg	424	4,559	71	1.96	5.47	439	394	833
Pickens	61	560	75	1.25	7.40	76	0	76
Richland	106	424	14	0.14	27.99	0	15	15
Saluda	121	1,439	75	1.38	8.64	106	61	167
Spartanburg	197	2,408	69	1.46	8.37	106	182	288
Sumter	182	2,135	58	0.92	12.82	61	106	167
Union	863	14,660	78	1.58	10.75	712	651	1,363
Williamsburg	197	1,863	84	2.77	3.42	288	257	545
York	363	5,452	67	1.71	8.78	303	318	621
TOTAL	15,402	216,187	67.0	1.67	8.46	13,571	11,994	25,566
% Change from 2008	-6.7	-0.1	-7.8	-8.8	-14.7	-16.8	-12.5	-14.8

Table 8. Hunting effort (man/days) by county for successful and unsuccessful resident and non-resident deer hunters in South Carolina in 2009.

County	Residents (man/days)			Total Effort Residents	Non-Residents (man/days)			Total Effort Non-residents	Total Days
	Successful	Unsuccessful	Average		Successful	Unsuccessful	Average		
Abbeville	19.4	7.7	14.5	50,755	11.9	2.0	9.4	1,711	52,683
Aiken	20.9	6.0	13.8	53,973	9.0	3.3	6.0	1,545	55,810
Allendale	19.5	8.9	15.2	25,572	15.7	6.6	13.1	15,492	42,359
Anderson	20.9	8.2	16.5	58,241	8.7	8.0	8.3	757	59,120
Bamberg	22.9	6.2	17.5	53,011	18.1	5.9	13.7	8,087	61,765
Barnwell	21.6	5.8	16.3	36,732	12.3	5.4	9.2	4,044	41,271
Beaufort	18.1	5.2	13.0	13,895	11.8	0.0	11.8	1,424	15,471
Berkeley	24.0	11.4	19.1	74,072	8.0	12.0	11.0	666	74,834
Calhoun	22.0	6.3	15.9	43,235	10.8	6.8	8.8	1,605	45,060
Charleston	20.8	7.8	14.6	48,448	11.5	2.0	8.8	1,863	50,559
Cherokee	22.3	10.3	17.3	29,083	18.7	11.7	15.9	6,028	35,561
Chester	20.2	10.4	15.5	44,993	19.8	6.5	14.6	17,462	63,771
Chesterfield	27.1	10.9	20.3	44,584	14.3	9.9	12.4	6,012	51,150
Clarendon	18.1	5.3	14.1	29,249	0.0	16.7	16.7	757	30,088
Colleton	22.7	6.6	16.3	69,898	22.7	8.3	18.0	14,978	85,813
Darlington	19.5	7.8	14.1	21,674	5.3	2.5	3.6	545	22,392
Dillon	25.0	11.1	20.3	19,844	0.0	0.0	0.0	0	19,844
Dorchester	19.7	7.5	14.7	35,420	6.3	2.3	5.0	1,363	37,087
Edgefield	17.7	9.7	13.9	35,902	27.7	12.0	19.2	3,786	39,957
Fairfield	18.6	6.7	13.0	59,147	19.8	9.3	15.1	13,221	73,349
Florence	23.1	7.4	18.3	54,026	5.0	7.3	6.3	1,045	55,268
Georgetown	28.0	10.8	20.2	53,804	6.0	2.0	5.3	485	54,399
Greenville	15.3	8.3	11.7	33,684	8.0	5.3	6.0	363	34,131
Greenwood	17.6	9.1	13.9	43,551	17.0	9.0	15.5	2,590	46,360
Hampton	18.4	7.8	13.8	33,812	20.4	8.3	17.4	26,306	61,778
Horry	26.7	12.1	19.7	45,232	9.8	1.0	8.0	606	45,937
Jasper	17.9	6.0	12.7	18,755	26.5	18.9	24.7	17,598	37,181
Kershaw	24.0	7.6	17.3	54,711	12.4	6.5	10.1	4,574	59,798
Lancaster	21.4	7.6	16.7	36,935	19.1	10.4	16.2	10,298	47,956
Laurens	17.5	7.5	13.3	59,014	20.6	2.2	13.7	3,317	62,625
Lee	27.1	9.5	20.8	43,071	12.9	6.3	10.9	1,651	44,913
Lexington	21.7	9.5	15.3	46,119	17.0	3.0	12.3	560	46,760
McCormick	16.9	10.0	13.5	31,744	12.8	11.0	11.9	3,074	35,129
Marion	22.4	6.7	16.0	25,461	3.0	2.5	2.7	121	25,639
Marlboro	34.7	8.9	23.2	27,050	27.1	10.3	21.9	4,316	31,635
Newberry	20.9	9.4	15.7	77,198	15.8	12.8	14.2	4,089	81,636
Oconee	17.6	8.2	11.5	19,363	12.0	11.0	11.5	348	19,778
Orangeburg	22.6	7.2	16.6	104,891	13.6	5.6	10.8	4,559	109,931
Pickens	16.1	8.7	11.2	23,151	7.3	15.0	9.3	560	23,807
Richland	18.8	8.7	14.5	51,697	8.0	3.3	4.0	424	52,249
Saluda	18.4	10.4	14.9	46,099	14.7	3.5	11.9	1,439	47,697
Spartanburg	23.0	9.3	16.8	72,615	13.6	10.0	12.2	2,408	75,269
Sumter	21.3	7.8	15.9	48,891	15.7	7.8	11.8	2,135	51,255
Union	21.3	8.0	15.8	60,899	19.5	9.3	17.0	14,660	76,524
Williamsburg	25.2	6.6	18.5	67,717	10.0	6.5	9.5	1,863	69,816
York	21.2	8.3	15.3	46,544	24.0	6.0	15.0	5,452	52,429
Total	21.3	8.3	15.7	2,073,756	17.5	7.9	14.0	216,187	2,289,943
% Change from 2008	-1.2	0.0	-3.1	-1.4	8.6	-4.9	-5.8	-0.10	-1.3

Table 9. Estimated deer harvest by weapon type in South Carolina in 2009.

	Rifle	Bow & Arrow	Shotgun	Muzzle-loader	Crossbow	Handgun	Total
Number of Deer Harvested	180,728	15,756	25,487	7,183	1,390	1,159	231,703
Percent Total Deer Harvest	78.0	6.8	11.0	3.1	0.6	0.5	100.0
Percent Hunter Success With Weapon	65.0	29.0	34.7	29.1	23.5	16.5	NA*

* Total is not applicable because individual hunters take deer with multiple weapons.

Table 10. Number of hunters using each type of weapon in South Carolina in 2009.

	Rifle	Bow & Arrow	Shotgun	Muzzle-loader	Crossbow	Handgun
Residents	121,540	34,200	40,908	21,704	4,998	6,051
Non-Residents	14,616	2,634	1,941	3,512	724	570
Total	136,157	36,833	42,849	25,215	5,722	6,621

Total across weapons not given because hunters use multiple weapons. Total hunters = 146,939.

Table 12. Weapons utilization (percent) among deer hunters in South Carolina in 2009.

	Rifle	Bow & Arrow	Shotgun	Muzzle-loader	Crossbow	Handgun
Residents	92.4*	26.0*	31.1*	16.5*	3.8	4.6
Non-Residents	94.9	17.1	12.6	22.8	4.7	3.7
Total	92.8	24.6	28.2	17.5	3.9	4.4

* Significant difference in weapons use category based on residency.

Table 12. Weapons preference (percent) among deer hunters in South Carolina in 2009.

	Rifle	Bow & Arrow	Shotgun	Muzzle-loader	Crossbow	Handgun	Total
Residents	76.8*	12.7*	8.1*	1.3*	0.5	0.7	100.0
Non-Residents	84.5	8.4	2.9	2.6	1.3	0.3	100.0
Total	78.0	12.0	7.3	1.5	0.6	0.6	100.0

* Significant difference in weapons preference category based on residency.

Table 13. Estimated wild hog and coyote harvest by deer hunters in South Carolina in 2009.

County	Hog Harv.	Harv./ Mile ²	% Change from 2008	2009 Rank	2008 Rank	Coyote Harv.	Harv./ Mile ²	% Change from 2008	2009 Rank	2008 Rank
Abbeville	1,231	3.53	-36.6	5	3	1,208	3.47	44.7	1	6
Aiken	1,117	1.43	-21.8	23	17	571	0.73	-44.7	39	16
Allendale	1,391	4.11	-43.5	4	1	703	2.08	77.9	12	21
Anderson	844	2.46	-16.5	14	11	1,010	2.95	35.3	4	7
Bamberg	844	2.75	-6.4	11	12	944	3.07	65.4	3	9
Barnwell	410	0.93	-33.3	27	21	329	0.75	-37.5	37	20
Beaufort	182	0.79	-17.1	28	26	22	0.10	-93.7	46	12
Berkeley	1,801	2.03	82.3	20	24	242	0.27	-31.2	44	44
Calhoun	1,596	5.36	304.0	1	22	483	1.62	10.1	15	14
Charleston	958	2.12	-49.9	19	6	176	0.39	-70.4	42	18
Cherokee	23	0.09	-60.0	44	36	351	1.44	-61.0	20	1
Chester	342	0.73	418.2	30	38	1,274	2.71	123.1	7	19
Chesterfield	456	0.78	3.9	29	31	1,032	1.77	213.8	14	39
Clarendon	1,231	2.64	75.1	13	19	922	1.98	50.0	13	16
Colleton	1,733	2.21	-23.4	16	13	615	0.78	210.6	35	46
Darlington	1,300	2.91	-10.4	10	9	483	1.08	69.0	28	38
Dillon	1,072	3.20	44.4	8	14	286	0.85	-1.5	33	33
Dorchester	1,573	3.33	-10.5	7	7	264	0.56	-52.0	41	22
Edgefield	114	0.30	*	39	43	571	1.48	-38.1	19	5
Fairfield	365	0.61	-20.9	33	29	922	1.54	199.5	17	42
Florence	1,163	1.87	103.6	21	28	615	0.99	115.0	30	43
Georgetown	2,166	3.47	9.7	6	10	461	0.74	-30.0	38	29
Greenville	137	0.30	-30.9	39	34	593	1.29	50.1	23	34
Greenwood	114	0.36	-26.0	38	33	373	1.17	13.5	27	31
Hampton	1,573	3.10	-36.1	9	4	461	0.91	16.8	31	37
Horry	593	0.71	-67.9	31	15	176	0.21	-38.6	45	45
Jasper	1,186	2.45	58.7	15	18	571	1.18	-27.8	26	11
Kershaw	319	0.57	-70.3	34	16	879	1.56	37.9	16	24
Lancaster	160	0.38	625.4	37	42	1,054	2.53	19.9	9	8
Laurens	68	0.14	3.6	43	39	1,098	2.21	150.2	11	32
Lee	342	0.99	418.2	26	37	879	2.55	74.0	8	15
Lexington	0	0.00	-100.0	46	32	593	1.35	-27.1	21	10
McCormick	91	0.28	107.3	41	39	286	0.86	62.2	32	41
Marion	1,436	4.24	-38.0	3	2	110	0.32	-68.7	43	30
Marlboro	935	2.13	77.4	18	23	549	1.25	-47.9	24	4
Newberry	114	0.23	*	42	43	1,406	2.83	146.2	6	23
Oconee	684	1.54	48.4	22	25	286	0.64	-74.5	40	3
Orangeburg	388	0.49	-48.1	36	26	944	1.20	115.1	25	40
Pickens	365	1.06	38.2	25	29	264	0.77	-50.0	36	12
Richland	2,280	4.29	-7.0	2	5	571	1.07	0.0	29	27
Saluda	160	0.53	625.4	35	41	1,010	3.36	0.0	2	2
Spartanburg	524	1.26	376.7	24	35	1,208	2.91	162.0	5	25
Sumter	1,459	2.75	-21.8	11	8	703	1.33	60.1	22	36
Union	274	0.68	*	32	43	944	2.34	115.1	10	26
Williamsburg	1,756	2.19	50.8	17	20	681	0.85	0.0	33	35
York	23	0.05	*	45	43	659	1.52	42.9	18	27
Total	36,888	1.68	-9.4	NA	NA	29,783	1.36	14.3	NA	NA
	(+ -) 3,011					(+ -) 1,540				

95% Confidence Interval for harvest

*No indication of hogs harvested in 2008

Table 14. Number of deer-vehicle collisions reported by the South Carolina Department of Public Safety 2003-2009.

County	2003	2004	2005	2006	2007	2008	2009*
Abbeville	16	5	5	11	22	10	8
Aiken	57	60	31	47	57	54	59
Allendale	12	7	5	10	13	5	8
Anderson	32	27	27	47	67	75	87
Bamberg	10	13	8	20	14	14	21
Barnwell	19	13	17	29	13	11	16
Beaufort	73	100	57	110	128	157	155
Berkeley	63	52	35	40	62	66	84
Calhoun	21	6	8	10	16	27	14
Charleston	150	159	100	175	194	200	182
Cherokee	12	8	4	10	7	13	17
Chester	13	5	7	7	22	17	20
Chesterfield	4	4	4	7	18	20	25
Clarendon	37	29	12	16	34	35	47
Colleton	36	48	24	45	59	64	60
Darlington	20	10	9	13	24	38	29
Dillon	8	4	4	8	5	8	17
Dorchester	91	73	52	48	82	63	67
Edgefield	24	22	15	17	24	15	12
Fairfield	14	16	11	9	26	16	15
Florence	40	27	17	24	40	39	56
Georgetown	25	13	16	8	15	16	20
Greenville	45	53	18	56	87	63	96
Greenwood	42	32	16	33	63	21	27
Hampton	19	16	10	25	14	16	13
Horry	48	46	24	45	67	70	95
Jasper	37	38	23	50	61	75	63
Kershaw	22	28	11	18	30	24	29
Lancaster	16	18	7	11	13	29	20
Laurens	65	59	34	48	51	45	27
Lee	21	10	15	8	15	18	27
Lexington	60	43	26	34	50	37	36
McCormick	13	6	6	11	12	11	4
Marion	6	7	0	4	10	15	13
Marlboro	8	7	5	7	9	14	10
Newberry	33	32	21	31	31	21	14
Oconee	10	4	9	13	15	17	18
Orangeburg	53	35	25	64	88	86	55
Pickens	20	17	11	18	13	21	22
Richland	75	83	51	64	94	96	100
Saluda	18	16	16	10	27	25	11
Spartanburg	86	68	35	94	91	106	113
Sumter	44	37	38	30	48	58	51
Union	10	10	9	9	10	12	17
Williamsburg	28	18	21	19	30	42	42
York	29	17	11	53	43	36	31
Total	1,585	1,401	910	1,466	1,914	1,921	1,953

* 2009 data preliminary.

Table 15. Average live body weights of deer from South Carolina counties, based on historic data.

COUNTY	Males				Females			
	1.5 Years Old		2.5+ Years Old		1.5 Years Old		2.5+ Years Old	
	N	Avg. Wt.	N	Avg. Wt.	N	Avg. Wt.	N	Avg. Wt.
Abbeville	1,390	111.7	484	145.9	466	90.4	747	102.7
Aiken	2,667	121.6	1,485	162.6	808	94.9	1,522	109.6
Allendale	6,175	108.9	3,333	146.0	2,503	87.7	5,606	100.8
Anderson	30	121.9	17	148.1	4	92.5	8	113.0
Bamberg	2,414	111.9	1,113	142.4	884	91.4	1,721	103.9
Barnwell	1,478	119.1	695	156.6	601	94.3	1,071	106.9
Beaufort	952	101.6	1,236	135.2	690	86.7	1,818	99.8
Berkeley	3,162	100.6	4,198	127.3	1,086	83.4	3,991	97.2
Calhoun	1,588	110.2	633	144.1	312	91.4	943	104.6
Charleston	1,256	97.9	2,088	123.3	422	83.3	1,581	95.8
Cherokee	1	80.0	1	139.0	9	77.8	26	89.6
Chester	1,445	105.9	963	140.1	470	87.4	1,091	99.4
Chesterfield	79	119.4	140	152.5	27	93.5	1,128	99.8
Clarendon	13	101.3	29	152.5	42	89.6	87	103.0
Colleton	5,822	105.6	6,908	135.5	3,279	87.9	8,920	100.4
Darlington	334	113.6	273	153.3	216	92.8	573	105.2
Dillon	74	112.8	46	138.5	13	92.8	50	103.9
Dorchester	1,868	107.2	2,205	137.0	653	88.0	2,055	103.0
Edgefield	556	100.9	334	133.4	159	84.6	306	96.9
Fairfield	2,048	102.1	1,444	136.5	761	86.3	2,021	99.2
Florence	696	110.8	459	139.2	198	89.6	621	102.8
Georgetown	1,881	98.7	2,281	126.1	668	85.6	1,961	97.6
Greenville	7	122.1	9	149.9	7	79.3	16	98.4
Greenwood	1,158	111.4	537	145.1	313	90.2	629	103.0
Hampton	6,103	106.7	4,710	140.0	3,034	87.2	7,236	100.5
Horry	302	96.1	311	126.1	129	79.2	301	91.3
Jasper	3,385	101.8	4,691	135.4	2,142	84.6	5,948	96.9
Kershaw	603	108.9	588	144.6	251	89.6	758	102.9
Lancaster	472	113.1	246	153.3	213	91.4	441	105.2
Laurens	240	104.7	181	132.9	107	87.3	238	96.9
Lee	472	119.6	187	151.3	162	96.6	330	108.5
Lexington	20	120.8	9	164.8	6	101.3	15	115.8
McCormick	2,354	101.5	1,056	134.5	877	85.3	1,745	97.3
Marion	690	108.5	501	138.7	256	88.6	630	98.7
Marlboro	106	115.0	62	149.8	30	95.0	70	107.8
Newberry	143	97.1	100	135.6	85	86.0	171	92.7
Oconee	74	113.1	58	152.6	33	85.3	39	99.6
Orangeburg	2,293	112.5	1,375	145.0	686	90.8	1,684	103.4
Pickens	47	109.1	41	145.4	18	79.9	48	100.5
Richland	1,320	106.1	1,274	145.2	651	92.7	1,879	106.3
Saluda	100	115.8	40	148.0	25	93.6	34	105.2
Spartanburg	34	109.3	22	142.2	13	95.0	31	98.8
Sumter	666	111.3	353	142.1	188	94.4	509	105.3
Union	958	101.7	608	135.8	439	87.9	761	97.8
Williamsburg	469	112.5	559	143.3	150	91.4	478	106.0
York	13	96.9	30	143.9	20	78.7	41	93.9
Total	57,958	107.3	47,913	137.9	24,106	88.0	61,879	100.6

Table 16. Antler characteristics of male deer from South Carolina counties, based on historic data

COUNTY	1.5 Years Old Males			2.5+ Years Old Males			% 1.5 Bucks in Antlered Harvest
	Number Points	Percent Spikes	Outside Spread	Number Points	Percent Spikes	Outside Spread	
Abbeville	4.2	32		7.2	2		74
Aiken	4.4	28	8.7	7.4	1	14.7	64
Allendale	4.0	36	7.7	7.2	3	13.7	65
Anderson	4.7	28		6.8	0		63
Bamberg	4.0	34	7.6	6.7	4	12.5	68
Barnwell	4.6	21	8.7	7.1	2	13.9	68
Beaufort	3.1	58	7.4	6.4	9	13.0	44
Berkeley	3.0	62	6.6	5.8	12	11.5	43
Calhoun	4.0	33	7.4	7.0	3	13.2	72
Charleston	2.8	69	6.2	5.4	15	10.6	38
Cherokee				7.0	0		50
Chester	3.4	47	8.7	6.7	4	13.9	61
Chesterfield	4.5	21	8.6	7.2			61
Clarendon	2.8	58	6.2	7.7	3	12.9	31
Colleton	3.3	50	6.9	6.4	7	11.7	46
Darlington	3.1	57	7.4	6.7	5	13.7	55
Dillon	3.2	54	8.1	5.7	9	11.6	62
Dorchester	3.3	53	6.6	6.0	9	11.1	46
Edgefield	3.3	50		6.6	5		63
Fairfield	3.1	55	7.5	6.4	6	13.8	59
Florence	3.4	47	7.4	6.1	9	12.1	60
Georgetown	2.8	65	6.6	5.6	13	11.0	45
Greenville	4.7	14		7.6	0		44
Greenwood	3.9	34		6.7	3		68
Hampton	3.9	39	7.7	6.9	4	13.0	56
Horry	3.0	58	6.8	6.2	8	12.1	49
Jasper	3.3	52	7.0	6.6	6	12.8	42
Kershaw	3.6	47	7.7	6.9	7	12.3	51
Lancaster	4.3	27	6.7	7.4	0	15.0	66
Laurens	3.2	53	6.7	6.0	10	13.7	57
Lee	4.3	25	8.4	6.7	2	12.9	72
Lexington	4.1	30	9.1	7.3	0	15.7	69
McCormick	3.5	47		6.8	4		69
Marion	3.3	52	7.3	6.2	10	12.4	58
Marlboro	3.1	53	7.0	6.4	10	12.6	63
Newberry	2.8	54		6.3	8	13.3	59
Oconee	3.4	52		7.3	3		56
Orangeburg	3.8	38	7.6	6.8	5	12.6	63
Pickens	4.0	43		7.2	2		53
Richland	3.3	52	7.3	6.8	5	13.5	51
Saluda	4.0	32	9.0	6.9	0	10.8	71
Spartanburg	4.0	33	6.1	7.1	0		61
Sumter	3.7	41	7.7	6.6	5	12.5	65
Union	3.3	51	7.2	6.6	5	13.6	61
Williamsburg	3.6	43	7.6	6.8	5	12.6	46
York	3.1	60	5.3	7.4	0	13.3	30
Total	3.6	44	7.4	6.5	7	12.4	55

Figure 2. Percent of deer harvested by month of season in South Carolina in 2009. Note that December includes January 1 which is the last day of deer season.

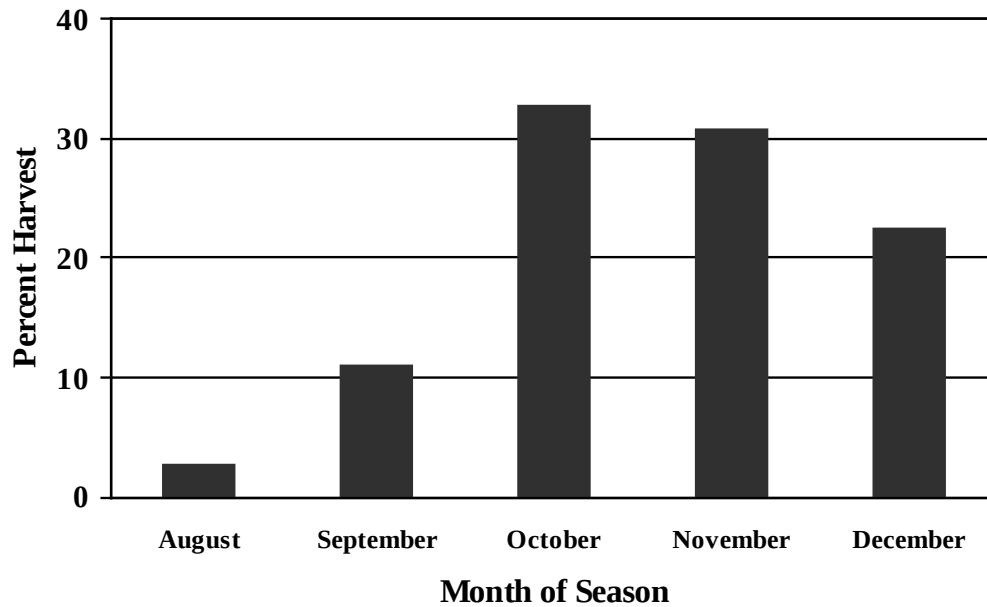


Figure 3. Percent of female deer conceiving by week in South Carolina, based on historic data.

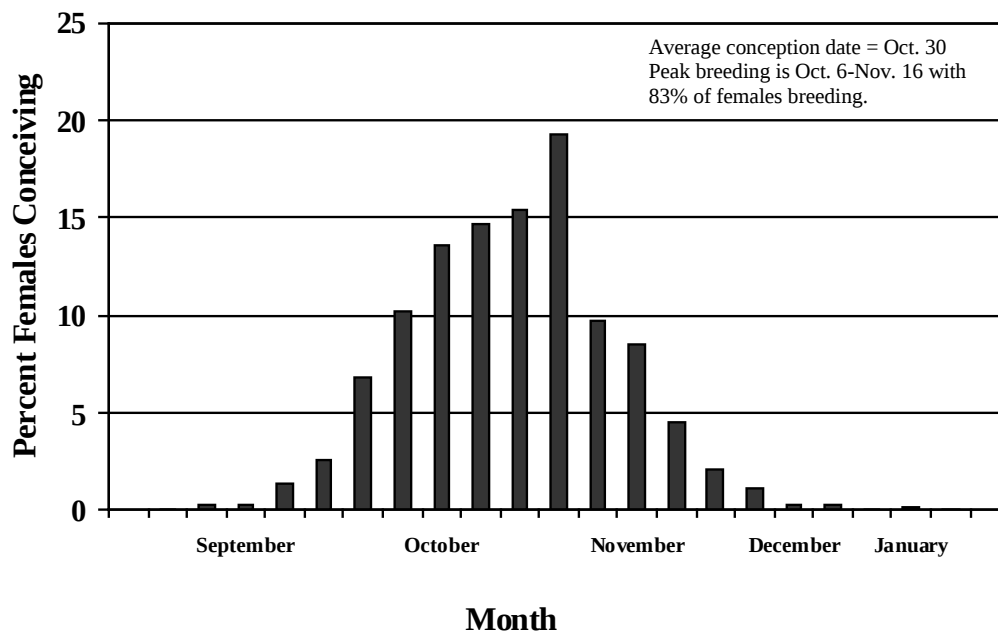


Figure 4. Estimated deer harvest in South Carolina 1972-2009.

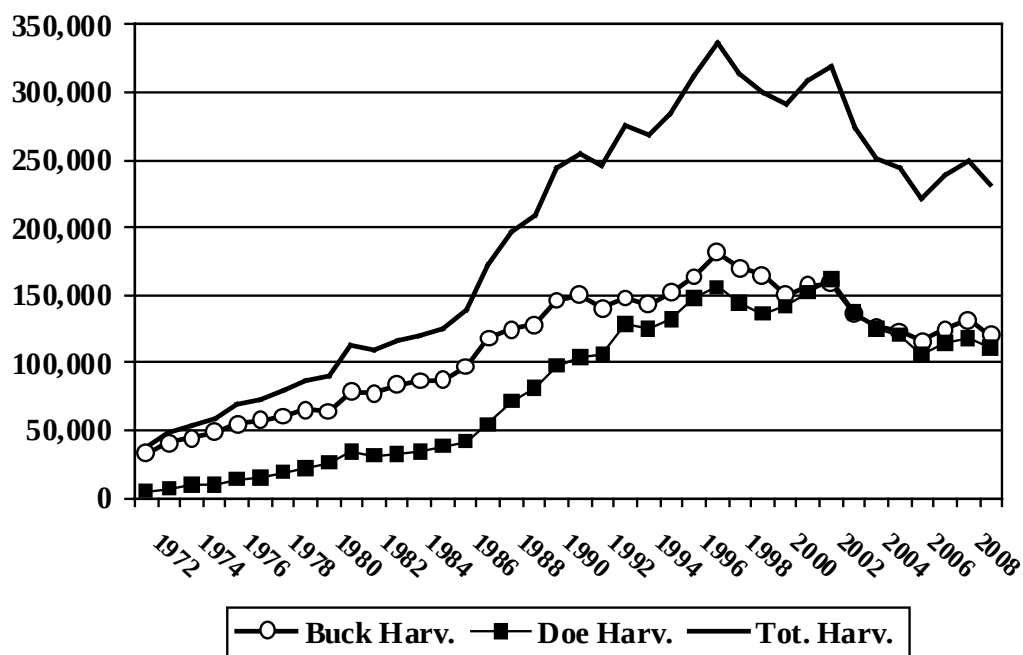


Figure 5. Estimated South Carolina deer population 1972-2009 based on population reconstruction modeling. Note that antlerless deer includes male fawns (button bucks).

