

Table I. South Carolina mid-winter waterfowl survey estimated numbers of ducks, 2004 and 2005, compared with respective previous 5-year averages.

SPECIES	1999	2000	2001	2002	2003	1999-03 Average	2004	2003-04 Change	5-Year Change	2000-04 Average	2005	2004-05 Change	5-Year Change
Mallard	4,539	3,978	4,019	1,990	2,714	3,448	2,315	-14.7%	-32.9%	3,003	2,303	-0.5%	-23.3%
Black duck	724	1,070	807	961	953	903	642	-32.6%	-28.9%	887	804	25.2%	-9.3%
Gadwall	3,775	3,950	7,588	7,667	4,763	5,549	6,236	30.9%	12.4%	6,041	4,950	-20.6%	-18.1%
American wigeon	8,729	6,513	8,803	7,328	7,653	7,805	8,232	7.6%	5.5%	7,706	4,345	-47.2%	-43.6%
Green-winged teal	13,627	6,275	10,421	12,395	12,668	11,077	24,130	90.5%	117.8%	13,178	20,083	-16.8%	52.4%
Blue-winged teal	1,053	813	2,224	1,741	1,038	1,374	2,071	99.5%	50.7%	1,577	3,362	62.3%	113.1%
Northern shoveler	1,272	2,008	3,584	4,435	1,907	2,641	2,834	48.6%	7.3%	2,954	2,891	2.0%	-2.1%
Northern pintail	5,738	3,583	3,149	4,037	8,140	4,929	8,458	3.9%	71.6%	5,473	7,573	-10.5%	38.4%
Wood duck	5,642	784	2,304	1,267	956	2,191	10,012	947.3%	357.0%	3,065	2,565	-74.4%	-16.3%
TOTAL DABLERS	45,099	28,974	42,899	41,821	40,792	39,917	64,930	59.2%	62.7%	43,883	48,876	-24.7%	11.4%
Redhead	12	0	27	23	0	12	36		190.3%	17	7	-80.6%	-59.3%
Canvasback	52	206	1,166	20	205	330	425	107.3%	28.9%	404	914	115.1%	126.0%
Scaup	1,111	4,780	11,948	2,307	9,011	5,831	5,708	-36.7%	-2.1%	6,751	1,520	-73.4%	-77.5%
Ring-necked duck	9,091	10,892	41,535	11,697	16,760	17,995	23,700	41.4%	31.7%	20,917	19,296	-18.6%	-7.7%
Ruddy Duck	1,026	688	1,142	126	322	661	278	-13.7%	-57.9%	511	610	119.4%	19.3%
Bufflehead	446	287	521	358	345	391	334	-3.2%	-14.7%	369	583	74.6%	58.0%
TOTAL DIVERS	11,738	16,853	56,339	14,531	26,643	25,221	30,481	14.4%	20.9%	28,969	22,930	-24.8%	-20.8%
Sea ducks	36	0	6,635	0	0	1,334	1,247		-6.5%	1,576	1,440	15.5%	-8.7%
Mergansers	1,328	246	1,543	464	1,210	958	411	-66.0%	-57.1%	775	905	120.2%	16.8%
Unidentified	397	309	2,821	203	158	778	241	52.5%	-69.0%	746	270	12.0%	-63.8%
TOTAL DUCKS	58,598	46,382	110,237	57,019	68,803	68,208	97,310	41.4%	42.7%	75,950	74,421	-23.5%	-2.0%
Snow goose	407	411	433	670	506	485	634	25.3%	30.6%	531	648	2.2%	22.1%
Canada goose	1,195	1,241	1,201	1,499	2,012	1,430	1,524	-24.3%	6.6%	1,495	1,468	-3.7%	-1.8%
TOTAL GEESE	1,602	1,652	1,634	2,169	2,518	1,915	2,158	-14.3%	12.7%	2,026	2,116	-1.9%	4.4%
Tundra Swan	179	100	199	222	339	208	292	-13.9%	40.5%	230	125	-57.2%	-45.7%
American coot	27,572	21,596	25,666	15,427	5,775	19,207	8,294	43.6%	-56.8%	15,352	12,557	51.4%	-18.2%
TOTAL WATERFOWL	87,951	69,730	137,736	74,837	77,435	89,538	108,054	39.5%	20.7%	93,558	89,219	-17.4%	-4.6%

Table II. Atlantic Flyway mid-winter waterfowl survey estimated numbers of ducks, 2004 and 2005, compared with respective previous 10-year averages.

SPECIES	2003	1994-03 Average	2004	2003-04 Change	10-Year Change	1995-04 Average	2005	2004-05 Change	10-Year Change
Mallard	133,237	162,014	140,386	5.4%	-13.3%	162,729	131,802	-6.1%	-19.0%
Black duck	224,574	225,909	206,428	-8.1%	-8.6%	224,094	184,055	-10.8%	-17.9%
Mexican duck	0	2	0	N/A	-100.0%	2	0		-100.0%
Mottled duck	737	1,272	1,216	65.0%	-4.4%	1,320	15	-98.8%	-98.9%
Gadwall	23,409	22,091	25,040	7.0%	13.3%	22,254	16,909	-32.5%	-24.0%
American wigeon	34,833	44,649	48,345	38.8%	8.3%	46,000	17,800	-63.2%	-61.3%
Green-winged teal	57,202	75,858	77,770	36.0%	2.5%	77,915	63,501	-18.3%	-18.5%
Blue-winged teal	15,446	18,424	23,105	49.6%	25.4%	19,190	3,702	-84.0%	-80.7%
Northern shoveler	7,628	9,549	8,845	16.0%	-7.4%	9,671	4,599	-48.0%	-52.4%
Northern pintail	36,324	47,084	55,523	52.9%	17.9%	49,004	36,143	-34.9%	-26.2%
Wood duck	1,541	2,665	11,101	620.4%	316.5%	3,621	2,927	-73.6%	-19.2%
Whistling duck	55	800	672	1121.8%	-16.0%	862	0	-100.0%	-100.0%
TOTAL DABBLERS	534,986	610,316	598,431	11.9%	-1.9%	616,661	461,453	-22.9%	-25.2%
Redhead	12,365	104,594	105,455	752.9%	0.8%	113,903	45,630	-56.7%	-59.9%
Canvasback	70,650	89,031	50,342	-28.7%	-43.5%	87,000	58,980	17.2%	-32.2%
Scaup	336,916	524,697	399,163	18.5%	-23.9%	530,922	338,871	-15.1%	-36.2%
Ring-necked duck	63,673	91,264	86,214	35.4%	-5.5%	93,518	41,790	-51.5%	-55.3%
Goldeneye	21,268	26,017	18,990	-10.7%	-27.0%	25,789	21,441	12.9%	-16.9%
Bufflehead	74,009	68,281	53,394	-27.9%	-21.8%	66,220	71,007	33.0%	7.2%
Ruddy duck	79,871	85,360	94,885	18.8%	11.2%	86,861	57,038	-39.9%	-34.3%
TOTAL DIVERS	658,752	989,242	808,443	22.7%	-18.3%	1,004,211	634,757	-21.5%	-36.8%
Seaducks	98,343	155,413	93,945	-4.5%	-39.6%	154,973	175,344	86.6%	13.1%
Mergansers	67,523	86,354	58,293	-13.7%	-32.5%	85,431	54,799	-6.0%	-35.9%
Unidentified	328	2,839	699	113.1%	-75.4%	2,876	364	-47.9%	-87.3%
TOTAL DUCKS	1,359,932	1,844,164	1,559,811	14.7%	-15.4%	1,864,152	1,326,717	-14.9%	-28.8%
Brant	164,526	149,088	129,590	-21.2%	-13.1%	145,594	122,998	-5.1%	-15.5%
Snow goose	402,342	337,749	552,085	37.2%	63.5%	352,723	338,666	-38.7%	-4.0%
Canada goose	1,078,144	854,094	912,957	-15.3%	6.9%	837,575	873,270	-4.3%	4.3%
White front goose	0	2	3		50.0%	2	0	-100.0%	-100.0%
TOTAL GEESE	1,645,012	1,340,932	1,594,635	-3.1%	18.9%	1,335,894	1,334,934	-16.3%	-0.1%
Tundra swan	108,187	94,985	94,975	-12.2%	0.0%	93,664	68,735	-27.6%	-26.6%
Trumpeter swan	0	4	0		-100.0%	4	0	#DIV/0!	-100.0%
Mute swan	12,289	8,398	8,024	-34.7%	-4.5%	7,972	9,297	15.9%	16.6%
Unidentified swan	151	545	100	-33.8%	-81.7%	540	2	-98.0%	-99.6%
American coot	290,210	428,497	287,604	-0.9%	-32.9%	428,236	145,951	-49.3%	-65.9%
TOTAL WATERFOWL	3,415,781	3,716,943	3,545,149	3.8%	-4.6%	3,729,880	2,885,636	-18.6%	-22.6%

Table III. Waterfowl harvest on DNR Category I WMAs, 2003-04.

AREA	BEAVERDAM CREEK	BROAD RIVER	SANDY BEACH	SANTEE COASTAL RESERVE	SANTEE-DELTA	BEAR ISLAND	SPRINGFIELD/THE CUT	TOTAL ALL CATEGORY I AEAS	% COMPOSITION OF TOTAL HARVEST
SPECIES									
Mallard	13	38	34	12	118	21	7	243	10.47
Black duck		3	4	7	3	8	1	26	1.12
Mallard X Black				1		1		2	0.09
Mottled duck				44	2	40	17	103	4.44
Gadwall	1	7	6	124	2	3	7	150	6.47
American wigeon		12	4	120	2	8	1	147	6.34
Green-winged teal	6	14	31	184	154	18	30	437	18.84
Blue-winged teal	2		2	229	84	79	20	416	17.93
Northern shoveler		1		89	18	39	26	173	7.46
Northern pintail		1	4	23		6	1	35	1.51
Wood duck	9	27	42	2	84	3	3	170	7.33
Redhead		1						1	0.04
Canvasback								0	0.00
Scaup				49		3	1	53	2.28
Ring-necked duck	66	27	8	100	2		7	210	9.05
Goldeneye								0	0.00
Bufflehead				7		19		26	1.12
Ruddy duck						1		1	0.04
Canada goose								0	0.00
Snow goose				1				1	0.04
Mergansers	2	1	5	16		76	26	126	5.43
TOTAL HARVEST	99	132	140	1008	469	325	147	2320	
# HUNTERS	40	45	51	212	141	198	68	755	
DUCKS/HUNTER	2.48	2.93	2.75	4.75	3.33	1.64	2.16	3.07	
SHOTS FIRED	481	616	640	4288	1904	1934	690	10553	
CRIPPLES LOST	0	26	17	176	77	74	23	393	
% LOSS	0.00	16.46	10.83	14.86	14.10	18.55	13.53	14.49	