
South Dakota GAME REPORT

No. 2009 – 04

2008

Annual Report

SMALL GAME, UPLAND BIRD & MIGRATORY GAME BIRD HARVEST PROJECTIONS

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PREFACE

Harvest estimates reported herein for the 2008 small game, upland bird, and migratory bird seasons were developed as described in Wildlife Survey Manual, 2003-2009, South Dakota Department of Game, Fish and Parks. If species specific methodologies are not reported there, the methodologies are presented within this report.

Corey Huxoll, (Division of Wildlife, Office of Wildlife Administration - Planning - Surveys Section), was responsible for development of these harvest estimates as part of Federal Aid for Wildlife Restoration as Project W-95-R. Sage grouse harvest information was provided by John Kanta (Region I Game Program Manager). Harvest surveys were processed and encoded by Erin Moehring, Dana Ertz, and Corey Huxoll.

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INDEX

	Page
Preface	i
STATEWIDE COMBINED HARVEST SUMMARY	1
UPLAND GAME	
Cottontail & Squirrel -- season summary	2
harvest projections	3
cottontail season trends	3
squirrel season trends	4
UPLAND BIRD	
Pheasant -- season summary	5
harvest projections	6
resident-only weekend participation & bag.....	6
youth-only season participation	6
resident harvest distribution	7
nonresident harvest distribution	8
season participation & harvest trends	9
season harvest & bag trends.....	9
Partridge -- season summary.....	10
harvest projections	10
season trends.....	11
resident harvest distribution	12
nonresident harvest distribution	13
Prairie Chicken & Sharp-tailed Grouse -- season summary	14
harvest projections	15
season trends.....	15
resident harvest distribution	16
nonresident harvest distribution	17
Sage Grouse -- season summary	18
Northern Bobwhite -- season summary	19
harvest projections	19
season trends.....	20

WATERFOWL

Waterfowl Hunter Summary	21
harvest projections.....	21
nonresident hunter distribution by county	22
Tundra Swan -- season summary	23
harvest projections.....	23
harvest distribution by date	24
harvest summary by residency	25
season trends	25
Ducks (all species) -- season summary	26
harvest projections.....	27
resident hunter distribution by county	28
season trends	29
hunter participation trends	29
Canada Geese, All Seasons -- season summary	30
harvest projections.....	31
season trends	31
resident hunter and harvest distribution by county.....	32
nonresident hunter and harvest distribution by county.....	33
Canada Geese, Early Fall Season -- season summary	34
harvest projections.....	35
season trends	35
Canada Geese, Special Season -- season summary	36
harvest projections.....	36
Light Geese, Regular Season -- season summary	37
harvest projections.....	38
season trends	39
Light Geese, Spring Conservation Order -- season summary	40
harvest projections.....	41
hunter and harvest distribution by county	42
White-fronted Geese -- season summary	43
harvest projections.....	43
season trends	44

OTHER GAME BIRDS

Mourning Dove -- season summary	45
harvest projections.....	46
season trends	46
Sandhill Crane -- season summary	47

HARVEST SURVEY RESPONSE RATES	48
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Statewide Combined Harvest

2008 Statewide Small Game, Upland Bird & Migratory Game Bird Harvest Projection Summary															last revised: 28 May 09	
Harvest Statistic	Cottontail	Squirrel	Pheasant	Gray Partridge	Grouse	Bobwhite Quail	Tundra Swan	Ducks	Canada Geese (all seasons)	Canada Geese (Sept. season)	Canada Geese (special season)	Light Geese (regular season)	Light Geese (conserv. order)	White-fronted Geese	Mourning Dove	Grand Totals
<u>Licenses/Tags</u>																
Resident																
Licenses Available	unlim.	unlim.	unlim.	unlim.	unlim.	unlim.	1,100	unlim.	unlim.	unlim.	800	unlim.	unlim.	unlim.	unlim.	265,170
Proj. Active/Sold/Issued	8,714	2,833	75,978	2,916	7,044	480	758	13,376	13,463	5,052	800	5,165	3,330	903	7,346	
Nonresident																
Licenses Available	unlim.	unlim.	unlim.	unlim.	unlim.	unlim.	200	unlim.	unlim.	unlim.	n/a	unlim.	unlim.	unlim.	unlim.	960,535
Proj. Active/Sold/Issued	1,955	230	100,254	2,945	5,383	520	200	4,058	2,483	223	n/a	849	3,271	343	373	
Totals																
Licenses Available	unlim.	unlim.	unlim.	unlim.	unlim.	unlim.	1,300	unlim.	unlim.	unlim.	800	unlim.	unlim.	unlim.	unlim.	1,503,937
Proj. Active/Sold/Issued	10,669	3,063	176,232	5,861	12,427	1,000	958	17,434	15,946	5,275	800	6,014	6,601	1,246	7,719	
<u>Hunting Recreation</u>																
Residents																
Average Days Hunted	5.92	4.44	7.33	7.16	4.46	4.54	4.60	7.44	7.21	N/A	1.06	5.51	4.46	6.61	4.39	960,535
Total Days Hunted	51,587	12,579	556,919	20,879	31,416	2,179	2,789	99,517	97,068	N/A	848	28,459	18,925	5,969	32,249	
Average Season Bag	11.04	4.16	11.55	2.08	4.83	1.65	0.24	13.14	7.21	5.28	0.90	11.24	10.83	1.74	17.03	
Mean Satisfaction Score	5.53	5.53	5.31	5.31	5.31	5.31	5.20	5.03	5.03	5.16	5.16	5.24	-	5.40	5.01	
Nonresidents																
Average Days Hunted	3.56	3.58	4.49	4.51	4.26	4.14	5.50	4.36	3.89	4.09	-	4.12	3.64	4.85	3.40	543,402
Total Days Hunted	6,960	823	450,140	13,282	22,932	2,153	736	17,856	9,659	912	-	3,523	12,406	1,664	1,268	
Average Season Bag	4.56	1.92	10.56	2.09	2.50	1.89	0.15	10.61	2.57	5.60	-	6.36	17.90	0.57	18.90	
Mean Satisfaction Score	6.04	6.04	5.86	5.86	5.86	5.86	4.90	5.16	5.24	5.05	-	5.23	-	4.90	6.00	
Total Days Hunted																
	58,547	13,402	1,007,059	34,161	54,348	4,332	3,525	117,373	106,727	N/A	848	31,982	31,331	7,633	33,517	1,503,937
<u>Harvest</u>																
Residents	96,203	11,785	877,546	6,065	34,023	792	181	175,761	97,068	26,675	720	58,055	45,995	1,571	125,102	2,742,376
Nonresidents	8,915	442	1,058,682	6,155	13,458	983	39	43,364	6,381	1,249	-	5,422	61,142	196	7,050	
Total	105,118	12,227	1,936,228	12,220	47,481	1,775	220	219,125	103,449	27,924	720	63,477	107,137	1,767	132,152	

COTTONTAIL & SQUIRREL

The 2008 cottontail rabbit and squirrel seasons covered 1 September 2008 - 28 February 2009. Harvest surveys were sent to both resident and nonresident hunters for the period of 1 September - 31 December. A "late season" harvest survey was sent only to residents who responded to the first survey and indicated that they may hunt during the 1 January - 28 February period.

For cottontail, the daily limit was 10, possession 30, and the season was open statewide. For squirrel, the daily limit was 5, possession 15, and the season was open statewide. Residents holding small game, 1-day small game, adult or junior combination, or youth small game licenses were eligible to participate in the season. Nonresidents were required to obtain either a small game or a youth small game license to hunt upland game.

In 2008, there were 95,003 resident and 104,899 nonresident licenses issued that allowed holders to hunt upland game. Approximately 8% of residents and nonresidents were surveyed for the upland game seasons. Survey response rates were 68.6% for residents and 71.1% for nonresidents.

Based on survey responses indicating at least one day of hunting cottontail, there were a projected 8,714 resident and 1,955 nonresident cottontail hunters. Based on survey responses indicating at least one day of hunting squirrels, there were a projected 2,833 resident and 230 nonresident hunters. An estimated 105,118 cottontails and 12,227 squirrels were harvested during the 2008 upland game seasons.

When asked their satisfaction on the season, (1 being least satisfied, 7 being most satisfied), resident hunters reported an average satisfaction level of 5.53, while nonresidents reported a higher rating of 6.04.

Comparison of the 1999 - 2008 cottontail and squirrel harvests

Year	Cottontails				Squirrels			
	Hunters		Harvest		Hunters		Harvest	
	Resident	Nonres	Resident	Nonres	Resident	Nonres	Resident	Nonres
1999	17,460 *	731	96,881	1,265	10,834 *	98	57,190	1,470
2000	26,255 *	1,461	266,335	6,764	12,176 *	143	50,863	486
2001	11,518 *	593	74,674	2,900	5,608 *	132	19,949	1,023
2002	11,904 *	1,006	60,146	2,917	7,300 *	268	29,846	603
2003	15,526 *	1,016	146,070	2,103	7,857 *	188	46,308	978
2004	14,794*	1,244	164,480	3,545	7,373*	188	42,748	451
2005	11,414	2,193	130,348	10,022	3,821	86	15,093	0
2006	9,617	2,236	105,787	10,040	3,503	115	19,792	210
2007	8,732	1,676	87,320	11,430	2,644	200	13,405	240
2008	8,714	1,955	96,203	8,915	2,833	230	11,785	442

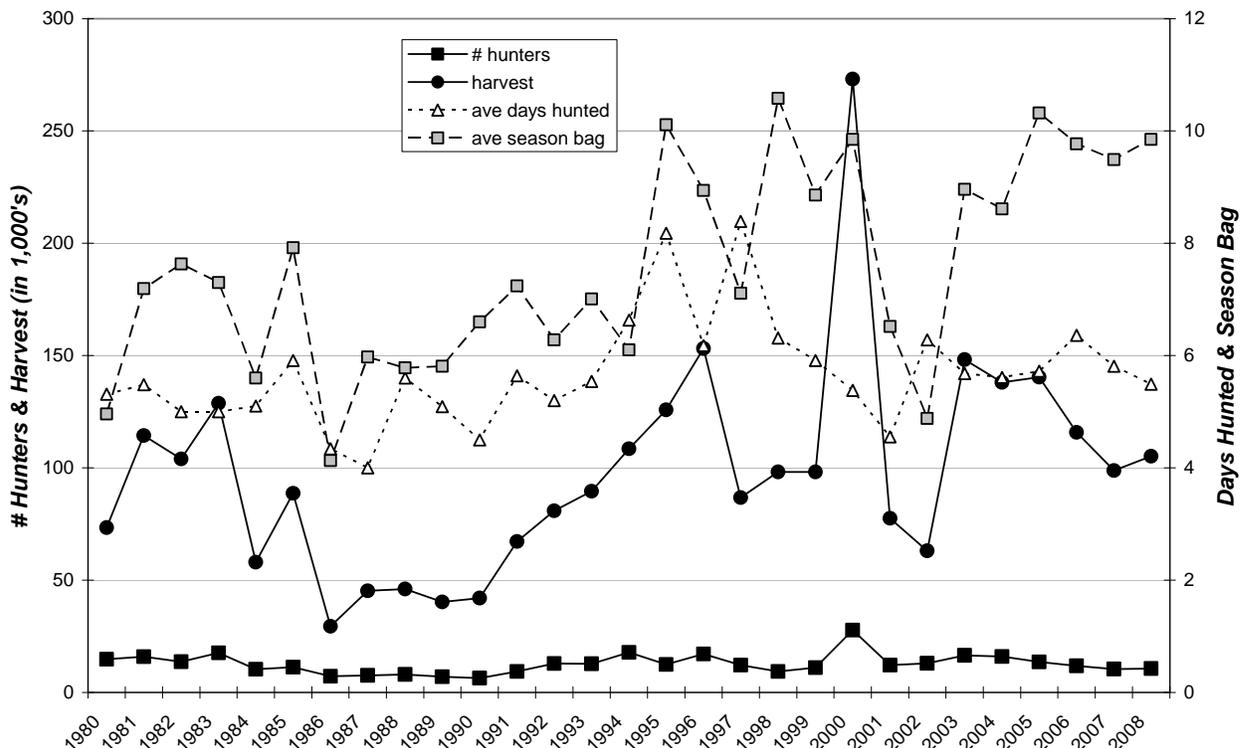
Resident hunter totals include projected hunter totals from the late and "regular" season harvest surveys. Survey format changed in 2005 and may not be directly comparable to previous years.

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 Corey Huxoll

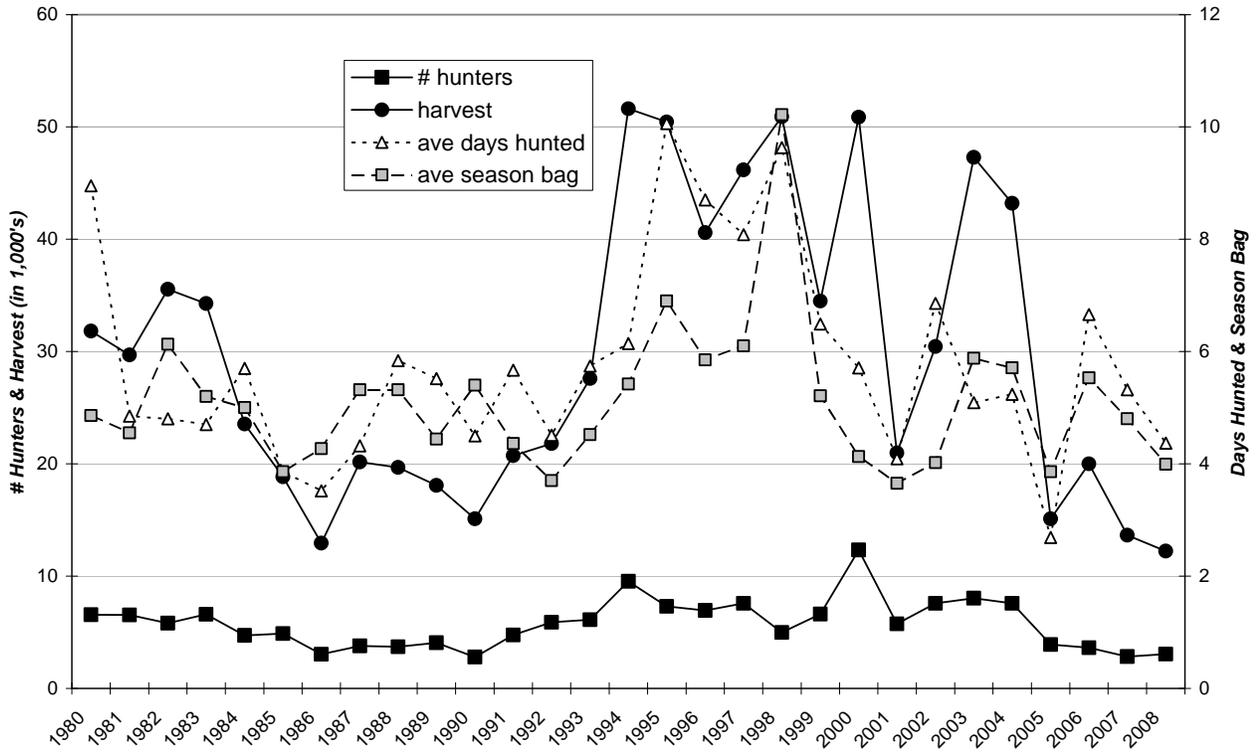
UPLAND GAME HARVEST PROJECTIONS FOR 2008								
<i>Last Revised: 4 May 2009</i>	RESIDENT TOTALS BY LICENSE TYPE					NONRESIDENT TOTALS		
	Small Game	Combination	Junior Combo	Youth SmGm	Sum Estimates	Non Res Sm Game	Youth Sm Gm	Sum Estimates
Licenses Sold	35,754	44,077	7,878	7,294	95,003	101,510	3,389	104,899
Projected ACTIVE UPLAND GAME HUNTERS	2,444	4,381	1,073	1,181	9,079	1,840	174	2,014
Number Sampled by Survey	2,682	3,542	633	605	7,462	7,471	242	7,713
Number Responded to Survey	1,726	2,656	345	389	5,116	5,329	153	5,482
Responded and Participated in Season	118	264	47	63	492	99	8	107
Responded but DID NOT HUNT upland game	1,608	2,392	298	326	4,624	5,230	145	5,375
Survey Response Rate	64.4%	75.0%	54.5%	64.3%	68.6%	71.3%	63.2%	71.1%
Number Hunters Reporting Cottontail Days	114	253	45	60	472	97	7	104
Sum Cottontail Hunted Days	557	1,377	427	431	2,792	321	49	370
Average Days Hunted Cottontails	4.89	5.44	9.49	7.18	5.92	3.31	7.00	3.56
Sum Cottontails Bagged	1,132	2,842	684	551	5,209	464	10	474
Average Cottontail Bag for Season	9.93	11.23	15.20	9.18	11.04	4.78	1.43	4.56
Projected Days Cottontail Hunting	11,550	22,843	9,756	8,078	51,587	5,965	1,071	6,960
Projected Number Cottontail Hunters	2,362	4,199	1,028	1,125	8,714	1,802	153	1,955
Projected Cottontail Bag	23,455	47,155	15,626	10,328	96,203	8,614	219	8,915
TOTAL COTTONTAIL HARVEST =						105,118		
Number Hunters Reporting Squirrel Days	32	71	18	31	152	10	2	12
Sum Squirrel Hunted Days	108	352	133	82	675	41	2	43
Average Days Hunted Squirrels	3.38	4.96	7.39	2.65	4.44	4.10	1.00	3.58
Sum Squirrels Bagged	113	353	108	58	632	21	2	23
Average Squirrel Bag for Season	3.53	4.97	6.00	1.87	4.16	2.10	1.00	1.92
Projected Days Squirrel Hunting	2,241	5,843	3,037	1,540	12,579	763	44	823
Projected Number Squirrel Hunters	663	1,178	411	581	2,833	186	44	230
Projected Squirrels Bag	2,340	5,855	2,466	1,086	11,785	391	44	442
TOTAL SQUIRREL HARVEST =						12,227		
Mean Satisfaction Score *	5.75	5.43	5.53	5.55	5.53	6.04	6.00	6.04

* Based on scale of 1-7 with 1="very dissatisfied" and 7="very satisfied"

SOUTH DAKOTA COTTONTAIL HARVEST, 1980-2008



SOUTH DAKOTA SQUIRREL HARVEST, 1980-2008



PHEASANT

The 2008 pheasant season covered 18 October 2008 – 4 January 2009 statewide. There was also a Youth season open 4-8 October on public and private land and an early residents-only season open 11-13 October on public lands only. The daily limit was 3 cock pheasants, possession 15. To hunt pheasants, residents were required to hold small game, 1-day small game, adult or junior combination, or youth small game licenses; nonresidents were required to obtain the nonresident small game the nonresident youth small game, or nonresident shooting preserve license. Harvest surveys were sent to both resident and nonresident hunters. No shooting preserve license holders were surveyed and none of their harvest is included in any of the data in this report.

In 2008, there were 95,003 resident and 104,899 nonresident licenses issued that allowed holders to hunt pheasants. Approximately 8% of residents and nonresidents were surveyed for the upland bird seasons. Survey response rates were 68.6% for residents and 71.1% for nonresidents.

Based on survey responses indicating at least one day of hunting pheasants, there were a projected 75,978 resident (30,617 small game, 33,738 combination, 5,229 youth small game, 6,394 junior combination) and 100,254 nonresident (97,050 small game, 3,204 youth small game) pheasant hunters.

From the survey responses, a projected total of 1,936,228 pheasants were harvested (877,546 by residents, 1,058,682 by nonresidents) during the 2008 seasons. When asked their satisfaction on the season, (1 being least satisfied, 7 being most satisfied), resident upland bird hunters reported an average satisfaction rating of 5.31 while nonresidents reported a higher satisfaction rating of 5.86.

Approximately 18,811 residents participated in the early, resident-only season. The projected harvest for this season was 40,632 birds.

The Youth-only season (4-8 October) overall participation rate was approximately 8.4% (7.1% Combination license, 6.8% Small Game, 5.8% Junior Combination, 26.7% Youth Small Game); nonresidents were not surveyed on their participation in this season.

Comparison of the 1999 - 2008 Pheasant season statistics

Year	Resident Hunters					Nonresident Hunters				
	Number Hunters	Harvest	Ave Day Hunted	Ave Bag	Satisfaction	Number Hunters	Harvest	Ave Day Hunted	Ave Bag	Satisfaction
1999	84,342	768,356	7.12	9.11	4.60	71,956	695,815	4.57	9.67	5.33
2000	79,790	759,601	6.82	9.52	4.71	70,182	688,133	4.31	9.52	5.20
2001	76,772	672,523	6.80	8.76	4.40	73,326	688,531	4.26	9.39	5.17
2002	70,822	587,823	6.84	8.30	4.28	74,874	673,866	4.18	9.00	5.01
2003	78,396	912,529	7.21	11.64	5.08	83,538	902,210	4.21	10.80	5.72
2004	78,984	744,819	7.35	9.43	4.62	91,948	908,446	3.83	9.88	5.25
2005	79,270	947,277	7.94	11.95	5.19	94,956	1,001,786	4.43	10.55	5.83
2006	79,955	881,904	7.63	11.03	4.99	98,213	964,452	4.29	9.82	5.71
2007	77,788	969,238	7.88	12.46	5.39	103,048	1,153,107	4.61	11.19	6.00
2008	75,978	877,546	7.33	11.55	5.31	100,254	1,058,682	4.49	10.56	5.86

South Dakota Game Report No 2009-04 - 2008 Small Game, Upland Bird & Migratory Bird Harvest Projections
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PHEASANT HARVEST PROJECTIONS FOR 2008									
<i>Revised: 27 April 09</i>									
	RESIDENT TOTALS BY LICENSE TYPE					NONRESIDENT TOTALS			
	Small Game	Combo	Junior Combo	Youth SmGm	Sum Estimates	Nonres Sm Game	Youth Sm Game	Sum Estimates	
Licenses Sold	35,754	44,077	7,878	7,294	95,003	101,510	3,389	104,899	
Projected ACTIVE UPLAND BIRD HUNTERS	30,720	33,871	5,275	6,450	76,118	97,292	3,204	100,496	
Number Sampled by Survey	2,682	3,542	633	605	7,462	7,471	242	7,713	
Number Responded to Survey	1,726	2,656	345	389	5,116	5,329	153	5,482	
Responded and Participated in Season	1,483	2,041	231	344	4,099	5,236	147	5,383	
Responded but DID NOT HUNT	243	615	114	45	1,017	93	6	99	
Survey Response Rate	64.4%	75.0%	54.5%	64.3%	68.6%	71.3%	63.2%	71.1%	
No. Hunters Reporting Pheasant Days	1,478	2,033	229	341	4,081	5,223	147	5,370	
Sum Pheasant Hunted Days	9,356	16,436	1,795	2,336	29,923	23,612	510	24,122	
Average Days Hunted Pheasants	6.33	8.08	7.84	6.85	7.33	4.52	3.47	4.49	
Sum Pheasants Bagged	14,290	27,950	2,308	2,585	47,133	55,749	961	56,710	
Average Pheasant Bag for Season	9.67	13.75	10.08	7.58	11.55	10.67	6.54	10.56	
Projected Days Pheasant Hunting	193,806	272,603	40,995	43,799	556,919	438,666	11,118	450,140	
Projected No. Pheasant Hunters	30,617	33,738	5,229	6,394	75,978	97,050	3,204	100,254	
Projected Pheasant Bag	296,066	463,898	52,708	48,467	877,546	1,035,524	20,954	1,058,682	
TOTAL PHEASANT HARVEST =						1,936,228			
RESIDENT-ONLY OPENING WEEKEND:									
No. Hunters Reporting Pheasant Days	276	527	81	129	1,013	-	-	-	
Sum Pheasant Hunted Days	431	788	119	198	1,536	-	-	-	
Average Days Hunted Pheasants	1.56	1.50	1.47	1.53	1.52	-	-	-	
Sum Pheasants Bagged	549	1,218	167	253	2,187	-	-	-	
Average Pheasant Bag for Weekend	1.99	2.31	2.06	1.96	2.16	-	-	-	
Projected Days Pheasant Hunting	8,919	13,119	2,720	3,701	28,593	-	-	-	
Projected No. Pheasant Hunters	5,717	8,746	1,850	2,419	18,811	-	-	-	
Projected Pheasant Bag	11,377	20,203	3,811	4,741	40,632	-	-	-	
RESIDENT-ONLY WEEKEND PHEASANT HARVEST =						40,632			
MENTORED YOUTH PARTICIPATION:									
No. Hunters Reporting Participation	55	86	NA	NA	141	-	-	-	
Projected No. Hunters Participating	1,139	1,427			2,566	-	-	-	
Percent Hunters Participating	3.2%	3.2%			3.2%	-	-	-	
Upland Bird Hunters Mean Satisfaction Score *	5.25	5.35	5.31	5.31	5.31	5.86	5.87	5.86	

* Based on scale of 1-7 with 1="very dissatisfied" and 7="very satisfied"

RESIDENT-ONLY WEEKEND 2008 PHEASANT SEASON PARTICIPATION AND BAG				
<i>Last Revised: 4 May 09</i>				
	# Days Hunted	# Responded	% of Total	Ave. Bag
Residents	0	4,103	80.2%	
	1	594	11.6%	1.24
	2	315	6.2%	3.04
	3	104	2.0%	5.00

2008 YOUTH-ONLY PHEASANT SEASON PARTICIPATION			
<i>Last Revised: 4 May 09</i>			
License Type	Number Participated	Did Not Participate	Percent Participated
Small Game	117	1,609	6.8%
Combination	189	2,467	7.1%
Youth Small Game	104	285	26.7%
Junior Combination	20	325	5.8%
Total	430	4,686	8.4%

South Dakota Game Report No 2009-04 - 2008 Small Game, Upland Bird & Migratory Bird Harvest Projections
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Resident Pheasant Harvest Distribution by County 2008									
COUNTY	HUNTER DISTRIBUTION				HARVEST DISTRIBUTION				Birds/Hunter **
	# Reported	# Projected	% of Total	# Proj w/ Unk *	# Reported	# Projected	% of Total	# Proj w/ Unk *	
Minnehaha	128	2,383	3.3	2,504	953	17,743	2.1	18,440	7.4
Pennington	16	298	0.4	313	74	1,378	0.2	1,432	4.6
Brown	201	3,742	5.2	3,932	2,230	41,519	4.9	43,149	11.1
Beadle	176	3,277	4.5	3,443	2,226	41,445	4.9	43,073	12.6
Codington	133	2,476	3.4	2,602	1,367	25,451	3.0	26,450	10.3
Brookings	148	2,755	3.8	2,895	1,424	26,513	3.1	27,554	9.6
Yankton	49	912	1.3	958	396	7,373	0.9	7,663	8.1
Davison	114	2,122	2.9	2,230	1,082	20,145	2.4	20,936	9.5
Lawrence	0	0	0.0	0	0	0	0.0	0	0
Aurora	113	2,104	2.9	2,211	1,401	26,085	3.1	27,109	12.4
Bennett	26	484	0.7	509	275	5,120	0.6	5,321	10.6
Bon Homme	44	819	1.1	861	374	6,963	0.8	7,236	8.5
Brule	108	2,011	2.8	2,113	1,267	23,590	2.8	24,516	11.7
Buffalo	14	261	0.4	274	163	3,035	0.4	3,154	11.6
Butte	4	74	0.1	78	12	223	0.0	232	3.0
Campbell	35	652	0.9	685	439	8,174	1.0	8,495	12.5
Charles Mix	121	2,253	3.1	2,367	1,545	28,766	3.4	29,896	12.8
Clark	119	2,215	3.1	2,327	1,513	28,170	3.3	29,276	12.7
Clay	38	707	1.0	743	391	7,280	0.9	7,566	10.3
Corson	6	112	0.2	118	63	1,173	0.1	1,219	10.5
Custer	1	19	0.0	20	0	0	0.0	0	0.0
Day	69	1,285	1.8	1,350	734	13,666	1.6	14,203	10.6
Deuel	45	838	1.2	881	526	9,793	1.2	10,178	11.7
Dewey	12	223	0.3	234	211	3,929	0.5	4,083	17.6
Douglas	45	838	1.2	881	568	10,575	1.3	10,990	12.6
Edmunds	94	1,750	2.4	1,839	1,483	27,611	3.3	28,695	15.8
Fall River	9	168	0.2	177	32	596	0.1	619	3.5
Faulk	76	1,415	2.0	1,487	988	18,395	2.2	19,117	13.0
Grant	43	801	1.1	842	449	8,360	1.0	8,688	10.4
Gregory	51	949	1.3	997	513	9,551	1.1	9,926	10.1
Haakon	27	503	0.7	529	151	2,811	0.3	2,921	5.6
Hamlin	90	1,676	2.3	1,761	953	17,743	2.1	18,440	10.6
Hand	82	1,527	2.1	1,604	1,103	20,536	2.4	21,342	13.4
Hanson	37	689	1.0	724	487	9,067	1.1	9,423	13.2
Harding	7	130	0.2	137	73	1,359	0.2	1,412	10.5
Hughes	111	2,067	2.9	2,172	1,275	23,739	2.8	24,671	11.5
Hutchinson	62	1,154	1.6	1,213	734	13,666	1.6	14,203	11.8
Hyde	23	428	0.6	450	323	6,014	0.7	6,250	14.1
Jackson	8	149	0.2	157	50	931	0.1	968	6.2
Jerauld	31	577	0.8	606	541	10,073	1.2	10,469	17.5
Jones	20	372	0.5	391	236	4,394	0.5	4,567	11.8
Kingsbury	82	1,527	2.1	1,604	1,074	19,996	2.4	20,781	13.1
Lake	80	1,489	2.1	1,565	677	12,605	1.5	13,100	8.5
Lincoln	38	707	1.0	743	272	5,064	0.6	5,263	7.2
Lyman	120	2,234	3.1	2,347	1,900	35,375	4.2	36,764	15.8
McCook	78	1,452	2.0	1,526	868	16,161	1.9	16,796	11.1
McPherson	30	559	0.8	587	434	8,080	1.0	8,397	14.5
Marshall	37	689	1.0	724	306	5,697	0.7	5,921	8.3
Meade	8	149	0.2	157	37	689	0.1	716	4.6
Mellette	7	130	0.2	137	107	1,992	0.2	2,070	15.3
Miner	93	1,731	2.4	1,819	1,185	22,063	2.6	22,929	12.7
Moody	49	912	1.3	958	429	7,987	0.9	8,301	8.8
Perkins	37	689	1.0	724	324	6,032	0.7	6,269	8.8
Potter	78	1,452	2.0	1,526	1,412	26,289	3.1	27,321	18.1
Roberts	61	1,136	1.6	1,194	765	14,243	1.7	14,802	12.5
Sanborn	58	1,080	1.5	1,135	570	10,613	1.3	11,030	9.8
Spink	127	2,364	3.3	2,484	1,956	36,418	4.3	37,848	15.4
Stanley	24	447	0.6	470	408	7,596	0.9	7,894	17.0
Sully	65	1,210	1.7	1,271	1,173	21,840	2.6	22,698	18.0
Tripp	96	1,787	2.5	1,878	1,173	21,840	2.6	22,698	12.2
Turner	73	1,359	1.9	1,428	504	9,384	1.1	9,753	6.9
Union	37	689	1.0	724	252	4,692	0.6	4,876	6.8
Walworth	58	1,080	1.5	1,135	781	14,541	1.7	15,112	13.5
Ziebach	7	130	0.2	137	39	726	0.1	755	5.6
Shannon	0	0	0.0	0	0	0	0.0	0	0
Todd	5	93	0.1	98	81	1,508	0.2	1,567	16.2
Unk/Unreported	197	3,668	-	-	1,781	33,160	-	-	9.0
TOTALS:	4,081	75,978	101%	75,986	47,133	877,546	100%	877,543	11.55

Revised: 14 April 09
 * Includes unknown county projection values by assuming unknown county values are distributed the same as reported county values. Total values may be different due to rounding.
 ** Calculation uses "# projected" values without correction for unknown/unreported county values.

South Dakota Game Report No 2009-04 - 2008 Small Game, Upland Bird & Migratory Bird Harvest Projections
 Corey Huxoll

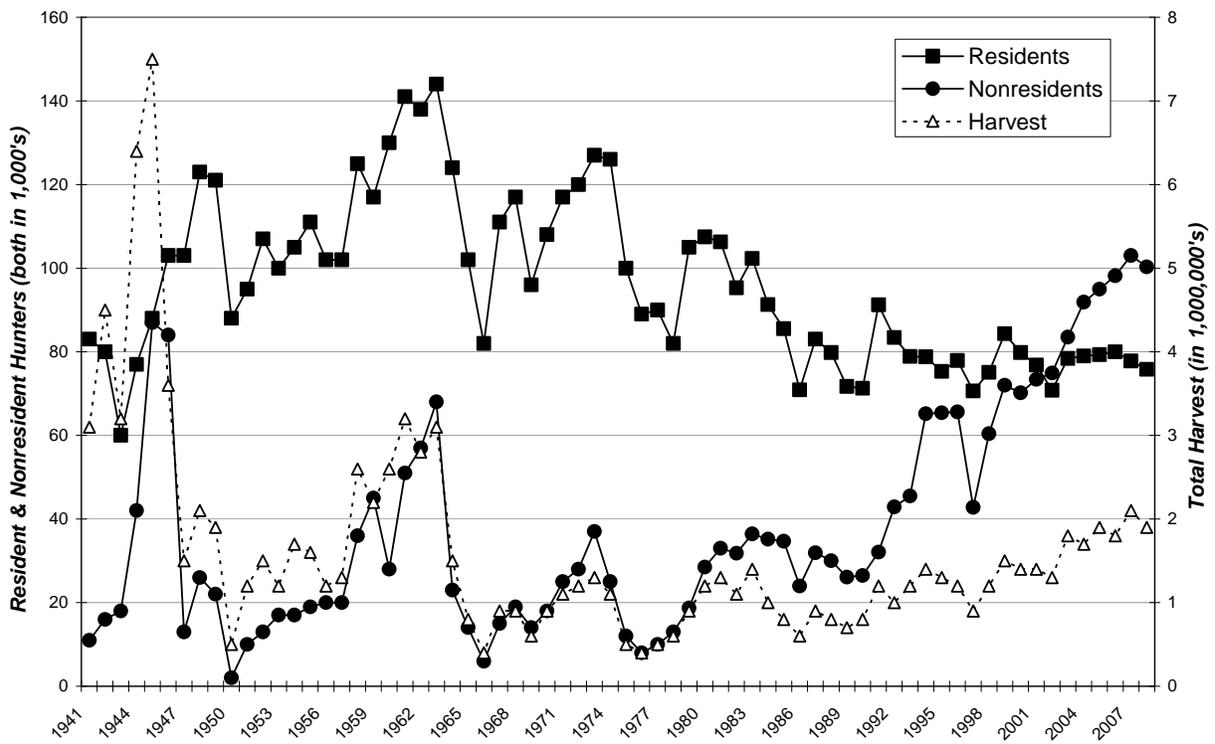
Nonresident Pheasant Harvest Distribution by County 2008									
COUNTY	HUNTER DISTRIBUTION				HARVEST DISTRIBUTION				
	# Reported	# Projected	% of Total	# Proj w/ Unk *	# Reported	# Projected	% of Total	# Proj w/ Unk *	Birds/Hunter **
Minnehaha	27	504	0.5	520	179	3,342	0.3	3,422	6.6
Pennington	2	37	0.0	38	21	392	0.0	401	10.6
Brown	384	7,169	7.4	7,398	3,724	69,521	6.7	71,191	9.7
Beadle	331	6,180	6.4	6,377	3,696	68,998	6.7	70,655	11.2
Codington	104	1,942	2.0	2,004	863	16,111	1.6	16,498	8.3
Brookings	82	1,531	1.6	1,580	560	10,454	1.0	10,705	6.8
Yankton	26	485	0.5	500	193	3,603	0.3	3,690	7.4
Davison	280	5,227	5.4	5,394	2,369	44,225	4.3	45,287	8.5
Lawrence	4	75	0.1	77	14	261	0.0	267	3.5
Aurora	182	3,398	3.5	3,506	1,937	36,161	3.5	37,029	10.6
Bennett	12	224	0.2	231	125	2,334	0.2	2,390	10.4
Bon Homme	20	373	0.4	385	201	3,752	0.4	3,842	10.1
Brule	287	5,358	5.5	5,529	2,876	53,690	5.2	54,979	10.0
Buffalo	26	485	0.5	500	233	4,350	0.4	4,454	9.0
Butte	7	131	0.1	135	74	1,381	0.1	1,414	10.5
Campbell	75	1,400	1.4	1,445	846	15,793	1.5	16,172	11.3
Charles Mix	128	2,390	2.5	2,466	1,426	26,621	2.6	27,260	11.1
Clark	179	3,342	3.4	3,449	1,821	33,995	3.3	34,811	10.2
Clay	6	112	0.1	116	38	709	0.1	726	6.3
Corson	11	205	0.2	212	99	1,848	0.2	1,892	9.0
Custer	1	19	0.0	20	10	187	0.0	191	9.8
Day	121	2,259	2.3	2,331	1,103	20,591	2.0	21,086	9.1
Deuel	27	504	0.5	520	242	4,518	0.4	4,627	9.0
Dewey	21	392	0.4	405	245	4,574	0.4	4,684	11.7
Douglas	61	1,139	1.2	1,175	643	12,004	1.2	12,292	10.5
Edmunds	146	2,726	2.8	2,813	1,952	36,441	3.5	37,316	13.4
Fall River	2	37	0.0	38	10	187	0.0	191	5.1
Faulk	151	2,819	2.9	2,909	1,875	35,003	3.4	35,844	12.4
Grant	14	261	0.3	269	101	1,886	0.2	1,931	7.2
Gregory	209	3,902	4.0	4,026	2,065	38,550	3.7	39,476	9.9
Haakon	16	299	0.3	309	162	3,024	0.3	3,097	10.1
Hamlin	37	691	0.7	713	364	6,795	0.7	6,958	9.8
Hand	185	3,454	3.6	3,564	2,266	42,302	4.1	43,318	12.2
Hanson	31	579	0.6	597	298	5,563	0.5	5,697	9.6
Harding	1	19	0.0	20	9	168	0.0	172	8.8
Hughes	113	2,110	2.2	2,177	1,049	19,583	1.9	20,053	9.3
Hutchinson	40	747	0.8	771	428	7,990	0.8	8,182	10.7
Hyde	25	467	0.5	482	250	4,667	0.5	4,779	10.0
Jackson	12	224	0.2	231	121	2,259	0.2	2,313	10.1
Jerauld	74	1,382	1.4	1,426	829	15,476	1.5	15,848	11.2
Jones	48	896	0.9	925	533	9,950	1.0	10,189	11.1
Kingsbury	82	1,531	1.6	1,580	750	14,001	1.4	14,337	9.1
Lake	33	616	0.6	636	333	6,217	0.6	6,366	10.1
Lincoln	6	112	0.1	116	31	579	0.1	593	5.2
Lyman	250	4,667	4.8	4,816	3,133	58,488	5.7	59,893	12.5
McCook	17	317	0.3	327	141	2,632	0.3	2,695	8.3
McPherson	103	1,923	2.0	1,984	1,172	21,879	2.1	22,404	11.4
Marshall	40	747	0.8	771	371	6,926	0.7	7,092	9.3
Meade	2	37	0.0	38	2	37	0.0	38	1.0
Mellette	17	317	0.3	327	172	3,211	0.3	3,288	10.1
Miner	83	1,550	1.6	1,599	1,040	19,415	1.9	19,881	12.5
Moody	5	93	0.1	96	53	989	0.1	1,013	10.6
Perkins	14	261	0.3	269	154	2,875	0.3	2,944	11.0
Potter	102	1,904	2.0	1,965	1,471	27,461	2.7	28,121	14.4
Roberts	36	672	0.7	693	339	6,329	0.6	6,481	9.4
Sanborn	93	1,736	1.8	1,791	891	16,633	1.6	17,032	9.6
Spink	280	5,227	5.4	5,394	3,445	64,312	6.2	65,857	12.3
Stanley	34	635	0.7	655	319	5,955	0.6	6,098	9.4
Sully	69	1,288	1.3	1,329	917	17,119	1.7	17,530	13.3
Tripp	286	5,339	5.5	5,509	3,250	60,672	5.9	62,129	11.4
Turner	30	560	0.6	578	253	4,723	0.5	4,836	8.4
Union	4	75	0.1	77	37	691	0.1	708	9.2
Walworth	105	1,960	2.0	2,023	1,217	22,719	2.2	23,265	11.6
Ziebach	2	37	0.0	38	20	373	0.0	382	10.1
Shannon	1	19	0.0	20	9	168	0.0	172	8.8
Todd	2	37	0.0	38	10	187	0.0	191	5.1
Unk/Unreported	166	3,099	-	-	1,330	24,829	-	-	8.0
TOTALS	5,370	100,254	100%	100,252	56,710	1,058,682	100%	1,058,675	10.56

Revised: 14 April 09

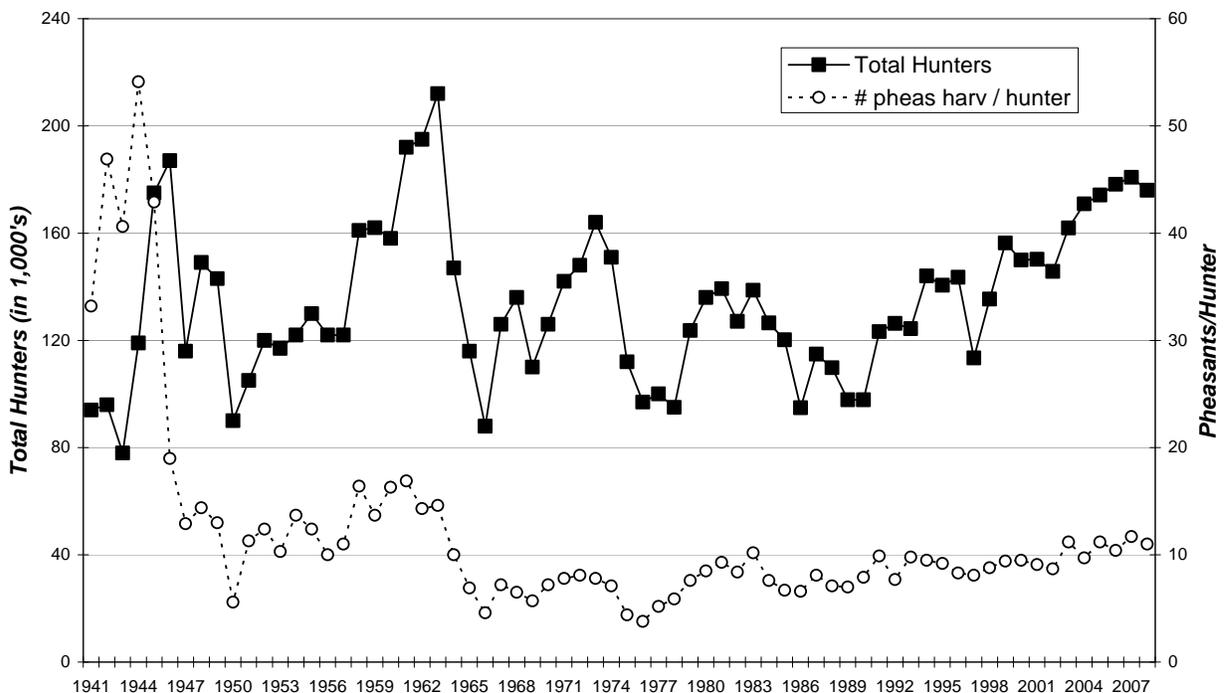
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SOUTH DAKOTA PHEASANT HARVEST 1941-2008



SOUTH DAKOTA PHEASANT HUNTERS AND AVERAGE SEASON HARVEST 1941-2008



PARTRIDGE

The 2008 partridge season covered 20 September 2008 - 4 January 2009 statewide (except Lacreek National Wildlife Refuge where the season didn't open until 18 October). Harvest surveys were sent to both resident and nonresident hunters. The daily limit was 5 birds, possession 15. To hunt partridge residents were required to hold a small game, 1-day small game, adult or junior combination, or youth small game license; nonresidents were required to obtain the nonresident small game, the nonresident youth small game, or nonresident shooting preserve license. No shooting preserve license holders were surveyed and none of their harvest is included in the data in this report.

In 2008, there were 95,003 resident and 104,899 nonresident licenses issued that allowed holders to hunt partridge. Approximately 8% of residents and nonresidents were surveyed for the upland bird seasons. Survey response rates were 68.6% for residents and 71.1% for nonresidents.

Based on survey responses indicating at least one day of hunting partridge, there were a projected 2,916 resident and 2,945 nonresident partridge hunters.

An estimated 12,220 partridge were harvested (6,065 by residents, 6,155 by nonresidents) during the 2008 season. When asked their satisfaction on the season, (1 being least satisfied, 7 being most satisfied), resident upland bird hunters reported an average satisfaction rating of 5.31 while nonresidents reported an average satisfaction rating of 5.86.

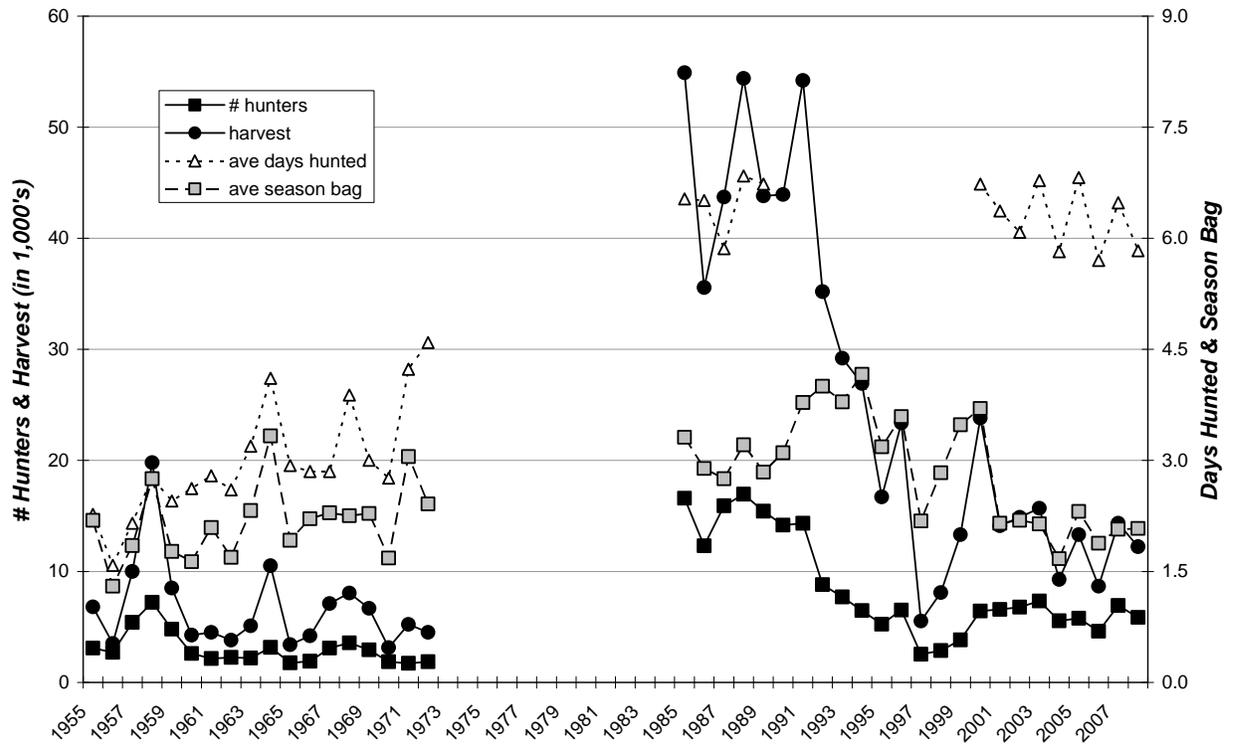
Comparison of the 2000 - 2008 partridge harvests

Year	Resident Hunters				Nonresident Hunters			
	Number Hunters	Harvest	Ave Days Hunted	Ave Bag	Number Hunters	Harvest	Ave Days Hunted	Ave Bag
2000	4,165	17,743	7.50	4.26	2,263	6,065	5.28	2.68
2001	4,520	10,080	7.02	2.23	2,043	4,025	4.92	1.97
2002	4,030	9,471	7.36	2.35	2,750	5,390	4.20	1.96
2003	4,701	10,342	7.35	2.20	2,634	5,347	4.26	2.03
2004	3,357	6,110	6.70	1.82	2,186	3,170	4.45	1.45
2005	3,534	9,047	8.41	2.56	2,236	5,679	4.31	2.54
2006	2,551	4,974	6.87	1.95	2,045	3,681	4.23	1.80
2007	3,767	7,760	8.01	2.06	3,160	6,573	4.66	2.08
2008	2,916	6,065	7.16	2.08	2,945	6,155	4.51	2.09

PARTRIDGE HARVEST PROJECTIONS FOR 2008									
<i>Revised: 27 April 09</i>									
	RESIDENT TOTALS BY LICENSE TYPE					NONRESIDENT TOTALS			
	Small Game	Combo	Junior Combo	Youth SmGm	Sum Estimates	Nonres Sm Game	Youth Sm Game	Sum Estimates	
Licenses Sold	35,754	44,077	7,878	7,294	95,003	101,510	3,389	104,899	
Projected ACTIVE UPLAND BIRD HUNTERS	30,720	33,871	5,275	6,450	76,118	97,292	3,204	100,496	
Number Sampled by Survey	2,682	3,542	633	605	7,462	7,471	242	7,713	
Number Responded to Survey	1,726	2,656	345	389	5,116	5,329	153	5,482	
Responded and Participated in Season	1,483	2,041	231	344	4,099	5,236	147	5,383	
Responded but DID NOT HUNT	243	615	114	45	1,017	93	6	99	
Survey Response Rate	64.4%	75.0%	54.5%	64.3%	68.6%	71.3%	63.2%	71.1%	
No. Hunters Reporting Partridge Days	49	89	12	8	158	155	3	158	
Sum Partridge Hunted Days	430	592	88	21	1,131	706	7	713	
Average Days Hunted Partridge	8.78	6.65	7.33	2.63	7.16	4.55	2.33	4.51	
Sum Partridge Bagged	117	162	46	4	329	328	3	331	
Average Season Partridge Bag	2.39	1.82	3.83	0.50	2.08	2.12	1.00	2.09	
Projected Days Partridge Hunting	8,912	9,822	2,008	395	20,879	13,104	151	13,282	
Projected No. Partridge Hunters	1,015	1,477	274	150	2,916	2,880	65	2,945	
Projected Partridge Bag	2,426	2,688	1,049	75	6,065	6,106	65	6,155	
TOTAL HUNGARIAN PARTRIDGE HARVEST =						12,220			
Upland Bird Hunters Mean Satisfaction Score *	5.25	5.35	5.31	5.31	5.31	5.86	5.87	5.86	

* Based on scale of 1-7 with 1="very dissatisfied" and 7="very satisfied"

STATEWIDE PARTRIDGE HARVEST, 1955-2008



South Dakota Game Report No 2009-04 - 2008 Small Game, Upland Bird & Migratory Bird Harvest Projections
 Corey Huxoll

Resident Partridge Harvest Distribution by County 2008										
COUNTY	HUNTER DISTRIBUTION				HARVEST DISTRIBUTION				Birds/Hunter **	
	# Reported	# Projected	% of Total	# Proj w/ Unk *	# Reported	# Projected	% of Total	# Proj w/ Unk *		
Minnehaha	7	129	4.9	144	8	147	2.6	158	1.1	
Pennington	2	37	1.4	41	1	18	0.3	19	0.5	
Brown	2	37	1.4	41	0	0	0.0	0	0.0	
Beadle	4	74	2.8	82	0	0	0.0	0	0.0	
Codington	4	74	2.8	82	1	18	0.3	19	0.2	
Brookings	6	111	4.2	123	9	166	2.9	178	1.5	
Yankton	2	37	1.4	41	1	18	0.3	19	0.5	
Davison	4	74	2.8	82	13	240	4.3	258	3.2	
Lawrence	1	18	0.7	20	25	461	8.2	496	25.6	
Aurora	0	0	0.0	0	0	0	0.0	0	0	
Bennett	0	0	0.0	0	0	0	0.0	0	0	
Bon Homme	1	18	0.7	20	1	18	0.3	19	1.0	
Brule	2	37	1.4	41	6	111	2.0	119	3.0	
Buffalo	0	0	0.0	0	0	0	0.0	0	0	
Butte	3	55	2.1	61	12	221	3.9	238	4.0	
Campbell	2	37	1.4	41	1	18	0.3	19	0.5	
Charles Mix	3	55	2.1	61	5	92	1.6	99	1.7	
Clark	3	55	2.1	61	8	147	2.6	158	2.7	
Clay	1	18	0.7	20	0	0	0.0	0	0.0	
Corson	5	92	3.5	102	23	424	7.5	456	4.6	
Custer	0	0	0.0	0	0	0	0.0	0	0	
Day	2	37	1.4	41	7	129	2.3	139	3.5	
Deuel	5	92	3.5	102	5	92	1.6	99	1.0	
Dewey	0	0	0.0	0	0	0	0.0	0	0	
Douglas	2	37	1.4	41	2	37	0.7	40	1.0	
Edmunds	2	37	1.4	41	0	0	0.0	0	0.0	
Fall River	1	18	0.7	20	0	0	0.0	0	0.0	
Faulk	1	18	0.7	20	3	55	1.0	59	3.1	
Grant	3	55	2.1	61	1	18	0.3	19	0.3	
Gregory	2	37	1.4	41	2	37	0.7	40	1.0	
Haakon	1	18	0.7	20	4	74	1.3	80	4.1	
Hamlin	3	55	2.1	61	16	295	5.2	317	5.4	
Hand	2	37	1.4	41	4	74	1.3	80	2.0	
Hanson	0	0	0.0	0	0	0	0.0	0	0	
Harding	3	55	2.1	61	11	203	3.6	218	3.7	
Hughes	0	0	0.0	0	0	0	0.0	0	0	
Hutchinson	3	55	2.1	61	3	55	1.0	59	1.0	
Hyde	0	0	0.0	0	0	0	0.0	0	0	
Jackson	0	0	0.0	0	0	0	0.0	0	0	
Jerauld	0	0	0.0	0	0	0	0.0	0	0	
Jones	0	0	0.0	0	0	0	0.0	0	0	
Kingsbury	2	37	1.4	41	5	92	1.6	99	2.5	
Lake	3	55	2.1	61	2	37	0.7	40	0.7	
Lincoln	2	37	1.4	41	3	55	1.0	59	1.5	
Lyman	1	18	0.7	20	1	18	0.3	19	1.0	
McCook	7	129	4.9	144	8	147	2.6	158	1.1	
McPherson	2	37	1.4	41	10	184	3.3	198	5.0	
Marshall	0	0	0.0	0	0	0	0.0	0	0	
Meade	5	92	3.5	102	9	166	2.9	178	1.8	
Mellette	0	0	0.0	0	0	0	0.0	0	0	
Miner	0	0	0.0	0	0	0	0.0	0	0	
Moody	5	92	3.5	102	8	147	2.6	158	1.6	
Perkins	15	277	10.6	308	55	1,014	18.0	1,090	3.7	
Potter	4	74	2.8	82	13	240	4.3	258	3.2	
Roberts	2	37	1.4	41	0	0	0.0	0	0.0	
Sanborn	0	0	0.0	0	0	0	0.0	0	0	
Spink	2	37	1.4	41	2	37	0.7	40	1.0	
Stanley	0	0	0.0	0	0	0	0.0	0	0	
Sully	0	0	0.0	0	0	0	0.0	0	0	
Tripp	1	18	0.7	20	0	0	0.0	0	0.0	
Turner	5	92	3.5	102	10	184	3.3	198	2.0	
Union	0	0	0.0	0	0	0	0.0	0	0	
Walworth	1	18	0.7	20	0	0	0.0	0	0.0	
Ziebach	3	55	2.1	61	8	147	2.6	158	2.7	
Shannon	0	0	0.0	0	0	0	0.0	0	0	
Todd	0	0	0.0	0	0	0	0.0	0	0	
Unknown	16	295	-	-	23	424	-	-	1.4	
TOTALS:	158	2,916	100%	2,901	329	6,065	100%	6,058	2.08	

Last Revised: 16 April 09

* Includes unknown county projection values by assuming unknown county values are distributed the same as reported county values. Total values may be different due to rounding.

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South Dakota Game Report No 2009-04 - 2008 Small Game, Upland Bird & Migratory Bird Harvest Projections
 Corey Huxoll

Nonresident Partridge Harvest Distribution by County 2008										
COUNTY	HUNTER DISTRIBUTION				HARVEST DISTRIBUTION				Birds/Hunter **	
	# Reported	# Projected	% of Total	# Proj w/ Unk *	# Reported	# Projected	% of Total	# Proj w/ Unk *		
Minnehaha	0	0	0.0	0	0	0	0.0	0	0	
Pennington	1	19	0.7	20	0	0	0.0	0	0.0	
Brown	6	112	4.0	118	4	74	1.3	77	0.7	
Beadle	6	112	4.0	118	3	56	0.9	58	0.5	
Codington	2	37	1.3	39	1	19	0.3	20	0.5	
Brookings	3	56	2.0	59	2	37	0.6	39	0.7	
Yankton	1	19	0.7	20	1	19	0.3	20	1.0	
Davison	2	37	1.3	39	13	242	4.1	253	6.5	
Lawrence	1	19	0.7	20	1	19	0.3	20	1.0	
Aurora	1	19	0.7	20	1	19	0.3	20	1.0	
Bennett	1	19	0.7	20	1	19	0.3	20	1.0	
Bon Homme	1	19	0.7	20	3	56	0.9	58	2.9	
Brule	5	93	3.3	98	7	130	2.2	136	1.4	
Buffalo	1	19	0.7	20	0	0	0.0	0	0.0	
Butte	1	19	0.7	20	6	112	1.9	117	5.9	
Campbell	3	56	2.0	59	6	112	1.9	117	2.0	
Chas Mix	3	56	2.0	59	3	56	0.9	58	1.0	
Clark	2	37	1.3	39	2	37	0.6	39	1.0	
Clay	0	0	0.0	0	0	0	0.0	0	0	
Corson	3	56	2.0	59	4	74	1.3	77	1.3	
Custer	0	0	0.0	0	0	0	0.0	0	0	
Day	1	19	0.7	20	1	19	0.3	20	1.0	
Deuel	3	56	2.0	59	1	19	0.3	20	0.3	
Dewey	8	149	5.3	157	13	242	4.1	253	1.6	
Douglas	0	0	0.0	0	0	0	0.0	0	0	
Edmunds	2	37	1.3	39	3	56	0.9	58	1.5	
Fall River	0	0	0.0	0	0	0	0.0	0	0	
Faulk	5	93	3.3	98	10	186	3.2	194	2.0	
Grant	0	0	0.0	0	0	0	0.0	0	0	
Gregory	5	93	3.3	98	4	74	1.3	77	0.8	
Haakon	1	19	0.7	20	1	19	0.3	20	1.0	
Hamlin	0	0	0.0	0	0	0	0.0	0	0	
Hand	6	112	4.0	118	12	223	3.8	233	2.0	
Hanson	1	19	0.7	20	0	0	0.0	0	0.0	
Harding	0	0	0.0	0	0	0	0.0	0	0	
Hughes	16	298	10.7	314	63	1,171	19.9	1,223	3.9	
Hutchinson	1	19	0.7	20	2	37	0.6	39	1.9	
Hyde	1	19	0.7	20	2	37	0.6	39	1.9	
Jackson	0	0	0.0	0	0	0	0.0	0	0	
Jerauld	6	112	4.0	118	3	56	0.9	58	0.5	
Jones	3	56	2.0	59	12	223	3.8	233	4.0	
Kingsbury	1	19	0.7	20	2	37	0.6	39	1.9	
Lake	2	37	1.3	39	4	74	1.3	77	2.0	
Lincoln	1	19	0.7	20	4	74	1.3	77	3.9	
Lyman	7	130	4.6	137	14	260	4.4	271	2.0	
McCook	0	0	0.0	0	0	0	0.0	0	0	
McPherson	6	112	4.0	118	6	112	1.9	117	1.0	
Marshall	0	0	0.0	0	0	0	0.0	0	0	
Meade	0	0	0.0	0	0	0	0.0	0	0	
Mellette	1	19	0.7	20	1	19	0.3	20	1.0	
Miner	2	37	1.3	39	6	112	1.9	117	3.0	
Moody	1	19	0.7	20	0	0	0.0	0	0.0	
Perkins	4	75	2.7	79	5	93	1.6	97	1.2	
Potter	2	37	1.3	39	3	56	0.9	58	1.5	
Roberts	1	19	0.7	20	1	19	0.3	20	1.0	
Sanborn	0	0	0.0	0	0	0	0.0	0	0	
Spink	6	112	4.0	118	35	651	11.0	680	5.8	
Stanley	1	19	0.7	20	15	279	4.7	291	14.7	
Sully	1	19	0.7	20	0	0	0.0	0	0.0	
Tripp	7	130	4.6	137	24	446	7.6	466	3.4	
Turner	0	0	0.0	0	0	0	0.0	0	0	
Union	1	19	0.7	20	2	37	0.6	39	1.9	
Walworth	3	56	2.0	59	6	112	1.9	117	2.0	
Ziebach	1	19	0.7	20	4	74	1.3	77	3.9	
Shannon	0	0	0.0	0	0	0	0.0	0	0	
Todd	0	0	0.0	0	0	0	0.0	0	0	
Unknown	8	149	-	-	14	260	-	-	1.7	
TOTALS:	158	2,945	100.3%	2,952	331	6,155	99.7%	6,159	2.09	

Last Revised: 16 April 09

* Includes unknown county projection values by assuming unknown county values are distributed the same as reported county values. Total values may be different due to rounding.

** Calculation uses "# projected" values without correction for unknown/unreported county values.

PRAIRIE CHICKEN & SHARP-TAILED GROUSE

Historically, these two species, plus ruffed grouse, have been combined under the name "Prairie Grouse." In these reports, harvest estimates for these species were combined. Prior to 2006, it had been estimated that sharptails probably make up 60% of the prairie grouse harvest; ruffed grouse are almost inconsequential due to the numbers harvested. However, in 2006, hunters were asked specifically how many of each species were harvested of the total harvest and 76% were identified as sharp-tailed grouse, 20% as prairie chickens, and 4% were unknown. . They continue to be combined for the overall harvest estimates in this report.

The 2008 grouse season covered 20 September 2008 - 4 January 2009 statewide (except Lacreek National Wildlife Refuge where the season didn't open until 18 October). Harvest surveys were sent to both resident and nonresident hunters. The daily limit was 3 birds, possession 15. To hunt grouse residents were required to hold a small game, 1-day small game, adult or junior combination, or youth small game license; nonresidents were required to obtain the nonresident small game, the nonresident youth small game, or nonresident shooting preserve license. No shooting preserve license holders were surveyed and none of their harvest is included in the data in this report.

In 2008, there were 95,003 resident and 104,899 nonresident licenses issued that allowed holders to hunt grouse. Approximately 8% of residents and nonresidents were surveyed for the upland bird seasons. Survey response rates were 68.6% for residents and 71.1% for nonresidents.

Based on survey responses indicating at least one day of hunting grouse, there were a projected 7,044 resident and 5,383 nonresident grouse hunters.

From the survey responses, a projected total of 47,481 grouse were harvested (34,023 by residents, 13,458 by nonresidents) during the 2008 season.

When asked their satisfaction on the season, (1 being very dissatisfied, and 7 being very satisfied), resident upland bird hunters reported an average rating of 5.31 while nonresidents reported a satisfaction rating of 5.86.

A comparison of the 1999 - 2008 prairie grouse harvests

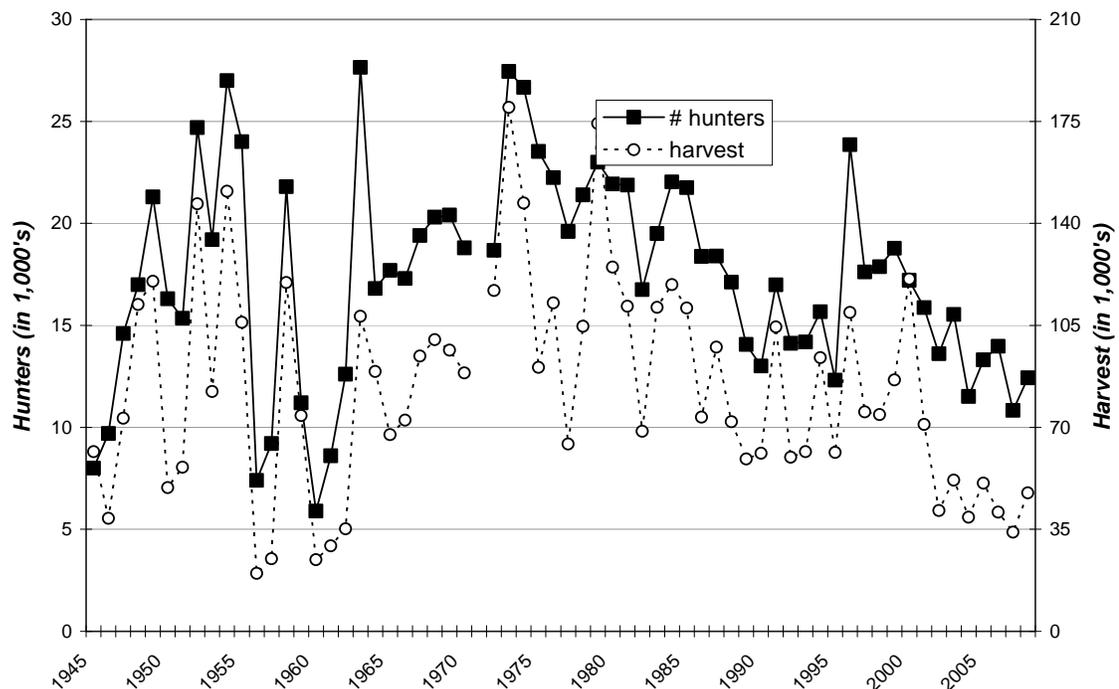
Year	Resident Hunters					Nonresident Hunters				
	Number Hunters	Harvest	Ave Day Hunted	Ave Bag	Satisfaction	Number Hunters	Harvest	Ave Day Hunted	Ave Bag	Satisfaction
1999	13,143	64,401	4.72	4.90	4.60	5,638	21,875	4.15	3.88	5.33
2000	12,369	100,807	5.75	8.15	4.71	4,841	20,139	4.20	4.16	5.20
2001	10,852	53,392	4.80	4.92	4.55	4,943	16,411	4.11	3.32	5.23
2002	8,644	29,649	4.37	3.43	4.17	4,963	11,762	4.32	2.37	5.76
2003	9,478	37,249	4.05	3.93	4.88	6,058	14,660	3.84	2.42	5.53
2004	7,859	27,821	4.12	3.54	4.81	3,655	11,367	4.04	3.11	5.39
2005	7,508	33,561	4.58	4.47	5.19	5,806	17,302	3.85	2.98	5.83
2006	7,836	27,269	4.02	3.48	4.99	6,135	13,620	3.92	2.22	5.71
2007	6,164	23,177	4.37	3.76	5.39	4,663	10,865	3.70	2.33	6.00
2008	7,044	34,023	4.46	4.83	5.31	5,383	13,458	4.26	2.50	5.86

South Dakota Game Report No 2009-04 - 2008 Small Game, Upland Bird & Migratory Bird Harvest Projections
Corey Huxoll

PRAIRIE GROUSE HARVEST PROJECTIONS FOR 2008										
Revised: 27 April 09										
	RESIDENT TOTALS BY LICENSE TYPE					NONRESIDENT TOTALS				
	Small Game	Combo	Junior Combo	Youth SmGm	Sum Estimates	Nonres Sm Game	Youth Sm Game	Sum Estimates		
Licenses Sold	35,754	44,077	7,878	7,294	95,003	101,510	3,389	104,899		
Projected ACTIVE UPLAND BIRD HUNTERS	30,720	33,871	5,275	6,450	76,118	97,292	3,204	100,496		
Number Sampled by Survey	2,682	3,542	633	605	7,462	7,471	242	7,713		
Number Responded to Survey	1,726	2,656	345	389	5,116	5,329	153	5,482		
Responded and Participated in Season	1,483	2,041	231	344	4,099	5,236	147	5,383		
Responded but DID NOT HUNT	243	615	114	45	1,017	93	6	99		
Survey Response Rate	64.4%	75.0%	54.5%	64.3%	68.6%	71.3%	63.2%	71.1%		
No. Hunters Reporting Grouse Days	90	261	15	27	393	285	4	289		
Sum Grouse Hunted Days	392	1,154	82	123	1,751	1,221	10	1,231		
Average Days Hunted Grouse	4.36	4.42	5.47	4.56	4.46	4.28	2.50	4.26		
Sum Grouse Bagged	495	1,220	94	89	1,898	714	9	723		
Average Season Grouse Bag	5.50	4.67	6.27	3.30	4.83	2.51	2.25	2.50		
Projected Days Grouse Hunting	8,127	19,143	1,876	2,307	31,416	22,667	218	22,932		
Projected No. Grouse Hunters	1,864	4,331	343	506	7,044	5,296	87	5,383		
Projected Grouse Bag	10,252	20,226	2,151	1,670	34,023	13,293	196	13,458		
					TOTAL GROUSE HARVEST =	47,481				
Upland Bird Hunters Mean Satisfaction Score *	5.25	5.35	5.31	5.31	5.31	5.86	5.87	5.86		

* Based on scale of 1-7 with 1="very dissatisfied" and 7="very satisfied"

PRAIRIE GROUSE HUNTERS & HARVEST 1945-2008



South Dakota Game Report No 2009-04 - 2008 Small Game, Upland Bird & Migratory Bird Harvest Projections
 Corey Huxoll

Resident Grouse Harvest Distribution by County 2008										
COUNTY	HUNTER DISTRIBUTION				HARVEST DISTRIBUTION				Birds/Hunter	
	# Reported	# Projected	% of Total	# Proj w/ Unk *	# Reported	# Projected	% of Total	# Proj w/ Unk *		
Minnehaha	3	54	0.8	58	2	36	0.1	39	0.7	
Pennington	24	430	6.6	463	95	1,703	5.4	1,831	4.0	
Brown	2	36	0.6	39	2	36	0.1	39	1.0	
Beadle	3	54	0.8	58	0	0	0.0	0	0.0	
Codington	5	90	1.4	97	6	108	0.3	116	1.2	
Brookings	1	18	0.3	19	1	18	0.1	19	1.0	
Yankton	1	18	0.3	19	1	18	0.1	19	1.0	
Davison	1	18	0.3	19	12	215	0.7	231	11.9	
Lawrence	1	18	0.3	19	4	72	0.2	77	4.0	
Aurora	3	54	0.8	58	6	108	0.3	116	2.0	
Bennett	6	108	1.7	116	41	735	2.3	790	6.8	
Bon Homme	0	0	0.0	0	0	0	0.0	0	0	
Brule	4	72	1.1	78	21	376	1.2	404	5.2	
Buffalo	1	18	0.3	19	1	18	0.1	19	1.0	
Butte	4	72	1.1	78	33	592	1.9	637	8.2	
Campbell	3	54	0.8	58	7	125	0.4	134	2.3	
Charles Mix	6	108	1.7	116	11	197	0.6	212	1.8	
Clark	1	18	0.3	19	6	108	0.3	116	6.0	
Clay	0	0	0.0	0	0	0	0.0	0	0	
Corson	7	125	1.9	135	64	1,147	3.6	1,233	9.2	
Custer	0	0	0.0	0	0	0	0.0	0	0	
Day	5	90	1.4	97	8	143	0.5	154	1.6	
Deuel	4	72	1.1	78	8	143	0.5	154	2.0	
Dewey	13	233	3.6	251	126	2,259	7.1	2,429	9.7	
Douglas	0	0	0.0	0	0	0	0.0	0	0	
Edmunds	6	108	1.7	116	16	287	0.9	309	2.7	
Fall River	1	18	0.3	19	0	0	0.0	0	0.0	
Faulk	1	18	0.3	19	1	18	0.1	19	1.0	
Grant	3	54	0.8	58	1	18	0.1	19	0.3	
Gregory	15	269	4.1	290	47	843	2.7	907	3.1	
Haakon	19	341	5.2	367	55	986	3.1	1,060	2.9	
Hamlin	0	0	0.0	0	0	0	0.0	0	0	
Hand	3	54	0.8	58	2	36	0.1	39	0.7	
Hanson	0	0	0.0	0	0	0	0.0	0	0	
Harding	8	143	2.2	154	30	538	1.7	579	3.8	
Hughes	13	233	3.6	251	64	1,147	3.6	1,233	4.9	
Hutchinson	0	0	0.0	0	0	0	0.0	0	0	
Hyde	2	36	0.6	39	2	36	0.1	39	1.0	
Jackson	4	72	1.1	78	47	843	2.7	907	11.7	
Jerauld	1	18	0.3	19	0	0	0.0	0	0.0	
Jones	5	90	1.4	97	30	538	1.7	579	6.0	
Kingsbury	0	0	0.0	0	0	0	0.0	0	0	
Lake	0	0	0.0	0	0	0	0.0	0	0	
Lincoln	0	0	0.0	0	0	0	0.0	0	0	
Lyman	31	556	8.5	599	143	2,563	8.1	2,756	4.6	
McCook	3	54	0.8	58	8	143	0.5	154	2.6	
McPherson	4	72	1.1	78	23	412	1.3	443	5.7	
Marshall	3	54	0.8	58	3	54	0.2	58	1.0	
Meade	16	287	4.4	309	91	1,631	5.2	1,754	5.7	
Mellette	17	305	4.7	328	95	1,703	5.4	1,831	5.6	
Miner	1	18	0.3	19	0	0	0.0	0	0.0	
Moody	0	0	0.0	0	0	0	0.0	0	0	
Perkins	24	430	6.6	463	173	3,101	9.8	3,335	7.2	
Potter	8	143	2.2	154	41	735	2.3	790	5.1	
Roberts	3	54	0.8	58	19	341	1.1	367	6.3	
Sanborn	0	0	0.0	0	0	0	0.0	0	0	
Spink	1	18	0.3	19	2	36	0.1	39	2.0	
Stanley	33	591	9.0	636	207	3,711	11.7	3,991	6.3	
Sully	3	54	0.8	58	12	215	0.7	231	4.0	
Tripp	13	233	3.6	251	43	771	2.4	829	3.3	
Turner	1	18	0.3	19	0	0	0.0	0	0.0	
Union	0	0	0.0	0	0	0	0.0	0	0	
Walworth	10	179	2.7	193	34	609	1.9	655	3.4	
Ziebach	11	197	3.0	212	78	1,398	4.4	1,503	7.1	
Shannon	0	0	0.0	0	0	0	0.0	0	0	
Todd	4	72	1.1	78	43	771	2.4	829	10.7	
Unknown	28	502	-	-	133	2,384	-	-	4.7	
TOTALS:	393	7,044	100.6%	7,049	1,898	34,023	100%	34,024	4.83	

Last Revised: 16 April 09

* Includes unknown county projection values by assuming unknown county values are distributed the same as reported county values. Total values may be different due to rounding.

** Calculation uses "# projected" values without correction for unknown/unreported county values.

South Dakota Game Report No 2009-04 - 2008 Small Game, Upland Bird & Migratory Bird Harvest Projections
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Nonresident Grouse Harvest Distribution by County 2008										
COUNTY	HUNTER DISTRIBUTION				HARVEST DISTRIBUTION				Birds/Hunter	
	# Reported	# Projected	% of Total	# Proj w/ Unk *	# Reported	# Projected	% of Total	# Proj w/ Unk *		
Minnehaha	0	0	0.0	0	0	0	0.0	0	0	
Pennington	1	19	0.4	20	2	37	0.3	40	1.9	
Brown	4	75	1.5	81	7	130	1.0	139	1.7	
Beadle	4	75	1.5	81	1	19	0.2	20	0.3	
Codington	3	56	1.1	60	5	93	0.7	100	1.7	
Brookings	0	0	0.0	0	0	0	0.0	0	0	
Yankton	0	0	0.0	0	0	0	0.0	0	0	
Davison	0	0	0.0	0	0	0	0.0	0	0	
Lawrence	0	0	0.0	0	0	0	0.0	0	0	
Aurora	1	19	0.4	20	1	19	0.2	20	1.0	
Bennett	3	56	1.1	60	12	223	1.8	239	4.0	
Bon Homme	1	19	0.4	20	4	74	0.6	79	3.9	
Brule	8	149	3.0	160	7	130	1.0	139	0.9	
Buffalo	3	56	1.1	60	4	74	0.6	79	1.3	
Butte	1	19	0.4	20	6	112	0.9	120	5.9	
Campbell	7	130	2.6	140	22	410	3.3	440	3.2	
Chas Mix	4	75	1.5	81	7	130	1.0	139	1.7	
Clark	0	0	0.0	0	0	0	0.0	0	0	
Clay	0	0	0.0	0	0	0	0.0	0	0	
Corson	5	93	1.9	100	24	447	3.6	479	4.8	
Custer	0	0	0.0	0	0	0	0.0	0	0	
Day	5	93	1.9	100	7	130	1.0	139	1.4	
Deuel	1	19	0.4	20	2	37	0.3	40	1.9	
Dewey	12	224	4.5	241	47	875	7.0	939	3.9	
Douglas	1	19	0.4	20	0	0	0.0	0	0.0	
Edmunds	2	37	0.7	40	2	37	0.3	40	1.0	
Fall River	0	0	0.0	0	0	0	0.0	0	0	
Faulk	10	186	3.7	200	15	279	2.2	299	1.5	
Grant	0	0	0.0	0	0	0	0.0	0	0	
Gregory	18	335	6.7	360	34	633	5.0	679	1.9	
Haakon	3	56	1.1	60	9	168	1.3	180	3.0	
Hamlin	0	0	0.0	0	0	0	0.0	0	0	
Hand	3	56	1.1	60	4	74	0.6	79	1.3	
Hanson	0	0	0.0	0	0	0	0.0	0	0	
Harding	0	0	0.0	0	0	0	0.0	0	0	
Hughes	23	428	8.5	460	43	800	6.4	858	1.9	
Hutchinson	0	0	0.0	0	0	0	0.0	0	0	
Hyde	3	56	1.1	60	7	130	1.0	139	2.3	
Jackson	1	19	0.4	20	6	112	0.9	120	5.9	
Jerauld	5	93	1.9	100	4	74	0.6	79	0.8	
Jones	12	224	4.5	241	38	707	5.6	758	3.2	
Kingsbury	0	0	0.0	0	0	0	0.0	0	0	
Lake	0	0	0.0	0	0	0	0.0	0	0	
Lincoln	0	0	0.0	0	0	0	0.0	0	0	
Lyman	31	577	11.5	620	84	1,564	12.5	1,678	2.7	
McCook	0	0	0.0	0	0	0	0.0	0	0	
McPherson	13	242	4.8	260	18	335	2.7	359	1.4	
Marshall	1	19	0.4	20	2	37	0.3	40	1.9	
Meade	3	56	1.1	60	6	112	0.9	120	2.0	
Mellette	3	56	1.1	60	9	168	1.3	180	3.0	
Miner	2	37	0.7	40	4	74	0.6	79	2.0	
Moody	0	0	0.0	0	0	0	0.0	0	0	
Perkins	7	130	2.6	140	21	391	3.1	419	3.0	
Potter	4	75	1.5	81	7	130	1.0	139	1.7	
Roberts	1	19	0.4	20	0	0	0.0	0	0.0	
Sanborn	0	0	0.0	0	0	0	0.0	0	0	
Spink	2	37	0.7	40	1	19	0.2	20	0.5	
Stanley	14	261	5.2	280	102	1,899	15.1	2,037	7.3	
Sully	5	93	1.9	100	10	186	1.5	200	2.0	
Tripp	31	577	11.5	620	57	1,061	8.5	1,138	1.8	
Turner	0	0	0.0	0	0	0	0.0	0	0	
Union	0	0	0.0	0	0	0	0.0	0	0	
Walworth	7	130	2.6	140	28	521	4.2	559	4.0	
Ziebach	1	19	0.4	20	5	93	0.7	100	4.9	
Shannon	0	0	0.0	0	0	0	0.0	0	0	
Todd	0	0	0.0	0	0	0	0.0	0	0	
Unknown	20	373	-	-	49	912	-	-	2.4	
TOTALS:	289	5,383	100%	5,386	723	13,458	100%	13,450	2.50	

Last Revised: 16 April 09
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*** Calculation uses "# projected" values without correction for unknown/unreported county values.*

SAGE GROUSE

The first modern sage grouse hunting season was held in 1955. Between 1955 and 1980, the season was open only about half the years, primarily during the 1970s. Seasons were restrictive. Length of season ranged from 2 to 7 days, with many seasons held during the week and daily bag limits were 1 or 2 birds. In 1980, the population was declining and continued to decline until the mid-1980s. It then stabilized with some fluctuations from year to year. Currently, the population is considered low compared to historical levels, but stable. The sage grouse hunting season was re-opened in 2000.

The 2008 sage grouse season was held on 24-25 September 2008 on public lands including those owned or managed by US Bureau of Land Management, US Forest Service, State School and Public Lands Office, and Walk-In Areas in all of Harding County and west of US 85 in Butte County. The daily and season limit was 1 bird.

Hunters were not statistically surveyed about their sage grouse harvest, however GFP and U.S. Bureau of Land Management employees interviewed what is believed to be the majority of hunters. In 2008, all hunters were asked to provide post hunt interviews and to submit harvested sage grouse for examination at one of three check stations. Prior to 2008, personnel actively sought out hunters and interviewed them in the field.

Approximately 24 individual hunters participated in the season. Total recorded harvest was 17 grouse, of which 5 birds were taken in Butte County and 12 in Harding County. Of the 17 birds checked, 9 were males and 8 were females. Three of the females and 6 of the males were adults. In comparison to the 2007 season, there was an increase in the number of birds taken and the ratio of males to females in the bag decreased from 4.0:1 to 1.1:1. The ratio of juvenile to adult birds taken in 2008 also decreased from 2.33:1 in 2007 to 1.13:1.

Comparison of the 2000-2008 Sage Grouse harvests

Year	# of Hunters (est. % of total)	Total Harvest	Harvest by County		Harvest by Age & Sex			
			Butte	Harding	Juv/Yr Male	Juv/Yr Female	Adult Male	Adult Female
2000	28 (UN%)	24	2	24	10	7	6	1
2001	27 (77%)	12	4	8	2	3	5	2
2002*	32 (88%)	16	4	12	5	3	1	3
2003	36 (95%)	12	4	8	1	4	6	1
2004	53(95%)	25	8	17	5	12	8	0
2005	40 (95%)	26	9	17	6	10	8	2
2006	46 (95%)	15	0	15	7	4	2	2
2007	25	10	2	8	5	2	3	0
2008	24	17	5	12	3	5	6	3

*In 2002, only 12 of the 16 sage grouse harvested were checked in with GFP personnel, therefore, harvest by age and sex totals do not add up to the total harvest.

NORTHERN BOBWHITE

The 2008 northern bobwhite season covered 18 October 2008 through 4 January 2009 statewide. Harvest surveys were sent to both resident and nonresident hunters. The daily limit was 5 birds, possession 15. To hunt bobwhites, residents were required to hold small game, 1-day small game, adult or junior combination, or youth small game licenses; nonresidents were required to obtain the nonresident small game the nonresident youth small game, or nonresident shooting preserve license. None of the shooting preserve license holders were surveyed, and their harvest is not included in any data in this report.

In 2008, there were 95,003 resident and 104,899 nonresident licenses issued that allowed holders to hunt quail. Approximately 8% of residents and nonresidents were surveyed for the upland bird seasons. Survey response rates were 68.6% for residents and 71.1% for nonresidents.

Based on survey responses indicating at least one day of hunting bobwhites, there were a projected 480 resident and 520 nonresident quail hunters.

An estimated 1,775 quail were harvested (792 by residents, 983 by nonresidents) during the 2008 season. When asked their satisfaction with their hunting, (1 being least satisfied, 7 being most satisfied), resident upland bird hunters reported an average satisfaction rating of 5.31 while nonresidents reported a satisfaction rating of 5.86.

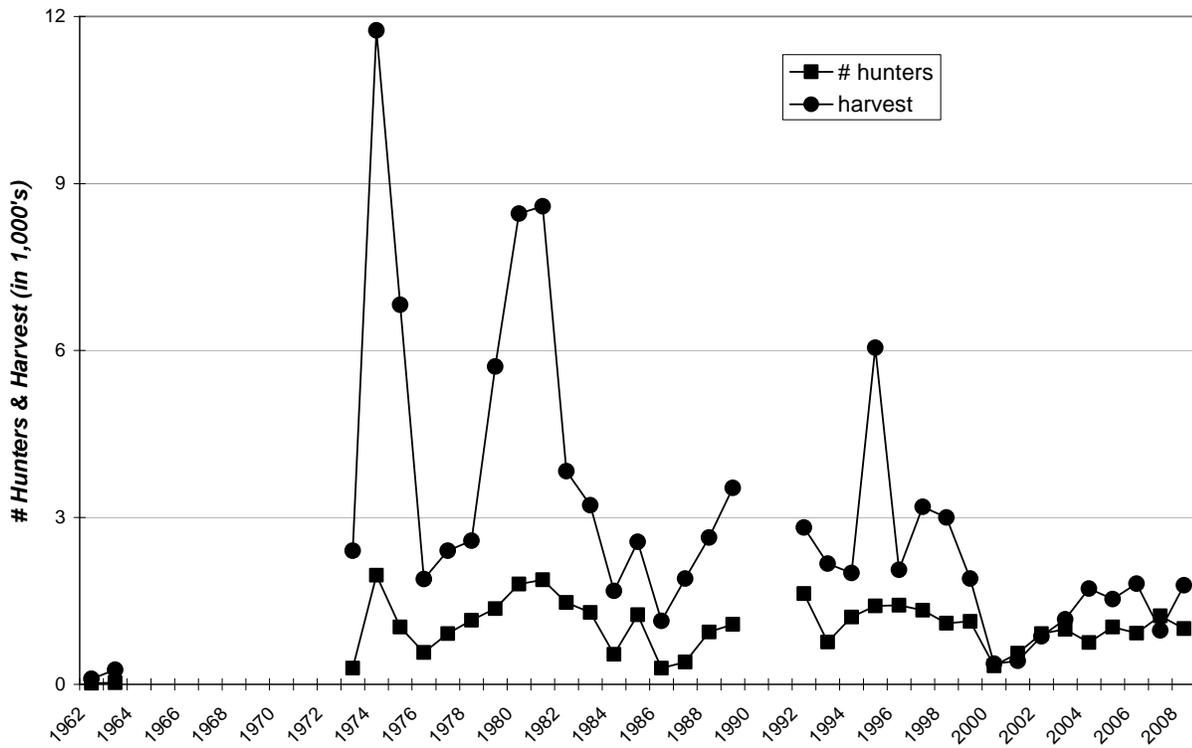
Comparison of the 2000 - 2008 northern bobwhite harvests

Year	Resident Hunters				Nonresident Hunters			
	Number Hunters	Harvest	Ave Days Hunted	Ave Bag	Number Hunters	Harvest	Ave Days Hunted	Ave Bag
2000	157	283	3.60	1.80	172	86	10.83	0.50
2001	456	351	4.90	0.77	99	66	7.33	0.67
2002	441	653	5.26	1.48	469	202	5.21	0.43
2003	650	865	4.51	1.33	339	302	4.22	0.89
2004	376	737	5.32	1.96	377	980	4.60	2.60
2005	338	845	7.30	2.50	688	688	2.81	1.00
2006	364	586	5.61	1.61	554	1,224	3.62	2.21
2007	780	476	1.12	0.61	449	489	4.91	1.09
2008	480	792	4.54	1.65	520	983	4.14	1.89

<u>NORTHERN BOBWHITE HARVEST PROJECTIONS FOR 2008</u>									
<i>Revised: 27 April 09</i>									
	RESIDENT TOTALS BY LICENSE TYPE					NONRESIDENT TOTALS			
	Small Game	Combo	Junior Combo	Youth SmGm	Sum Estimates	Nonres Sm Game	Youth Sm Game	Sum Estimates	
Licenses Sold	35,754	44,077	7,878	7,294	95,003	101,510	3,389	104,899	
Projected ACTIVE UPLAND BIRD HUNTERS	30,720	33,871	5,275	6,450	76,118	97,292	3,204	100,496	
Number Sampled by Survey	2,682	3,542	633	605	7,462	7,471	242	7,713	
Number Responded to Survey	1,726	2,656	345	389	5,116	5,329	153	5,482	
Responded and Participated in Season	1,483	2,041	231	344	4,099	5,236	147	5,383	
Responded but DID NOT HUNT	243	615	114	45	1,017	93	6	99	
Survey Response Rate	64.4%	75.0%	54.5%	64.3%	68.6%	71.3%	63.2%	71.1%	
No. Hunters Reporting Bobwhite Days	6	15	3	2	26	28	0	28	
Sum Bobwhite Days	32	49	34	3	118	116	0	116	
Average Days Hunting Bobwhites	5.33	3.27	11.33	1.50	4.54	4.14	0.00	4.14	
Sum Bobwhites Bagged	6	24	12	1	43	53	0	53	
Average Season Bobwhite Bag	1.00	1.60	4.00	0.50	1.65	1.89	0.00	1.89	
Projected Days Bobwhite Hunting	661	814	782	57	2,179	2,153	0	2,153	
Projected No. Bobwhite Hunters	124	249	69	38	480	520	0	520	
Projected Bobwhite Bag	124	398	276	19	792	983	0	983	
	TOTAL QUAIL HARVEST =					1,775			
Upland Bird Hunters Mean Satisfaction Score *	5.25	5.35	5.31	5.31	5.31	5.86	5.87	5.86	

* Based on scale of 1-7 with 1="very dissatisfied" and 7="very satisfied"

STATEWIDE BOBWHITE HARVEST, 1962-2008



WATERFOWL

In 2008, there were an estimated 19,894 active resident migratory bird hunters in South Dakota. From those, there were projected 17,751 active resident waterfowl hunters, and there were also 4,488 nonresident waterfowl hunters. Approximately 11% of the resident migratory bird certificate holders and 30% of the nonresident waterfowl license holders were sampled. The survey response rates were 69% for residents and 79% for nonresidents.

Approximately 4.2% of responding resident license holders stated that they participated in the mentored hunting program, which projects to approximately 1,342 hunters.

When asked their satisfaction on the season, (1 being least satisfied, 7 being most satisfied), waterfowl hunters reported an overall average rating of 4.97 for residents, and 5.17 for nonresidents.

Prior to 2006 and each year back to 2001 waterfowl hunters were asked whether or not they own any motorized decoys. The proportion of hunters who reported that they did own motorized decoys increased each year from 5% to 19% for residents and from 22% to 43% for nonresidents in 2001 and 2005 respectively.

Summary comparison of the 2000 - 2008 waterfowl seasons

Year	Resident Hunters				Nonresident Hunters			
	# Active Mig Brd Hunters	# Waterfowl Hunters	Survey Resp. Rate	Satisfaction	# Active Mig Brd Hunters	# Waterfowl Hunters	Survey Resp. Rate	Satisfaction
2000	32,241	28,795	78%	3.42	n/a	4,370	83%	4.76
2001	35,435	32,479	79%	3.30	n/a	3,974	84%	5.21
2002	31,110	28,804	76%	3.41	n/a	5,027	81%	4.99
2003	30,800	27,500	76%	3.15	n/a	4,717	83%	5.04
2004	27,951	25,349	76%	3.64	n/a	4,653	83%	4.60
2005	24,133	21,108	71%	3.34	n/a	4,326	81%	4.90
2006	23,585	20,684	76%	4.91	n/a	4,374	83%	5.20
2007	21,101	18,758	73%	4.83	n/a	4,338	82%	5.05
2008	19,894	17,751	69%	4.97	n/a	4,488	79%	5.17

WATERFOWL HARVEST SUMMARY FOR 2008

Last Revised: 14 May 09

	Resident	Non Residents
Resident Licenses Sold	32,317	-
Nonresident Season-long Licenses Sold	-	244
Nonresident 10-day Licenses Sold	-	3,743
Nonresident 3-day Licenses Sold	-	1,188
Projected ACTIVE MIGRATORY BIRD HUNTERS	19,894	4,488
Number Sampled by Survey	3,714	1,561
Number Responded to Survey	2,578	1,236
Responded and Participated in Season	1,587	1,072
Responded but DID NOT HUNT	991	164
Survey Response Rate	69.4%	79.2%
No. Hunters Reporting Goose or Duck Days	1,416	1,072
Projected Waterfowl Hunters - Ducks and Geese	17,751	4,488
TOTAL WATERFOWL HUNTERS = 22,239		
All Waterfowl Hunter Mean Satisfaction Score *1*	4.97	5.17

1 Based on scale of 1-7 with 1=very dissatisfied & 7=very satisfied

2008 Reported Nonresident Waterfowl Hunting Distribution - Where Hunted by County						
COUNTY	DUCKS	CANADAS	SNOWS	WHTFRNT	TOTALS	PERCENT
1	2	1	0	0	3	0.2%
2	0	0	0	0	0	
3	87	40	30	10	167	9.1%
4	16	3	2	1	22	1.2%
5	28	11	3	1	43	2.3%
6	12	4	0	0	16	0.9%
7	7	7	3	0	17	0.9%
8	10	0	0	1	11	0.6%
10	6	0	0	0	6	0.3%
11	6	11	1	0	18	1.0%
12	32	14	4	1	51	2.8%
13	22	6	0	0	28	1.5%
14	0	0	0	0	0	
15	1	0	0	0	1	0.1%
16	2	3	1	0	6	0.3%
17	24	13	10	5	52	2.8%
18	79	44	14	10	147	8.0%
19	4	3	2	0	9	0.5%
20	1	1	0	0	2	0.1%
22	195	109	23	9	336	18.3%
23	9	10	2	2	23	1.3%
24	0	0	0	0	0	
25	5	2	1	1	9	0.5%
26	8	3	3	0	14	0.8%
28	4	1	0	0	5	0.3%
29	2	2	0	0	4	0.2%
30	4	0	0	0	4	0.2%
32	13	9	7	3	32	1.7%
33	2	1	0	0	3	0.2%
34	2	0	0	0	2	0.1%
35	1	1	1	0	3	0.2%
36	18	46	6	1	71	3.9%
37	1	1	1	0	3	0.2%
38	1	1	0	0	2	0.1%
40	5	1	0	0	6	0.3%
41	0	2	0	0	2	0.1%
42	19	13	8	1	41	2.2%
43	7	4	4	1	16	0.9%
45	9	9	1	2	21	1.1%
46	1	0	1	0	2	0.1%
47	16	9	4	1	30	1.6%
48	57	31	10	3	101	5.5%
50	0	0	0	0	0	
51	10	3	2	2	17	0.9%
52	1	0	0	0	1	0.1%
54	7	3	3	2	15	0.8%
55	71	59	4	6	140	7.6%
56	7	0	1	0	8	0.4%
57	16	3	6	1	26	1.4%
58	8	29	1	1	39	2.1%
59	18	14	6	2	40	2.2%
60	1	2	0	0	3	0.2%
61	2	2	0	0	4	0.2%
62	6	5	3	1	15	0.8%
63	3	2	1	0	6	0.3%
67	0	0	0	0	0	
UNK	96	55	32	14	197	10.7%
TOTALS:	964	593	201	82	1,840	100.0%

Last updated: 14 May 09

TUNDRA SWAN

The 2008 tundra swan season was open from October 4 - December 21 in the following counties: Campbell, Walworth, Potter, Sully, Hughes, Hyde, Hand, Faulk, Spink, McPherson, Edmunds, Brown, Marshall, Roberts, Day, Grant, Codington, Clark, Hamlin, Deuel, Beadle, Kingsbury, Brookings, Buffalo, Jerauld, Brule, Aurora, Sanborn, Miner, Lake, Moody, Davison, Hanson, McCook, and Minnehaha. Residents and nonresidents could purchase up to two licenses. To hunt swans, residents were required to hold a small game, 1-day small game, adult or junior combination, or youth small game license plus a migratory bird certification. Nonresidents were required to obtain a nonresident waterfowl license. All hunters age 16 and over were also required to obtain a federal waterfowl stamp. In addition, all hunters needed to apply for and receive a lottery-issued tundra swan license.

In 2008, there were 1,300 licenses available for the tundra swan season (1,100 residents, 200 nonresidents). A total of 958 licenses were sold (758 residents, 200 nonresidents). Ninety-nine hunters purchased two licenses each. A random sample of 494 swan hunters were surveyed and the survey response rate was 84.4%. Approximately 22% of responding hunters used the Internet response system.

From the survey responses, there were a projected 220 swans harvested (not including cripples) during the 2008 season. There were a projected 51 birds crippled and not recovered during the season. When asked their satisfaction on the season, (1 being least satisfied, 7 being most satisfied), swan hunters reported an average rating of 5.12 (5.2 residents, 4.9 nonresidents). From those who responded, 24% indicated they did not hunt for swans (some hunters indicated they just purchased the license in case they happened to see a swan while hunting other waterfowl). Of the hunters who participated in the season, residents hunted an average of 4.6 days while nonresidents hunted 5.5 days. The average days hunted by all hunters (3.68 days) projected to a total of 2,698 recreation days for the season.

Comparison of the 1998 – 2008 Tundra Swan seasons

Year	Licenses Sold			Harvest (w/o cripples)	Avg Days Hunted	Percent Success	Average Satisfaction
	Resident	Nonres	Total				
1998	1,096	120	1,216	181	3.62	15%	4.44
1999	743	120	863	248	4.05	26%	4.54
2000	728	121	849	159	4.04	19%	4.83
2001	808	175	983	337	3.61	34%	4.99
2002	885	175	1,060	193	3.24	19%	4.72
2003	806	196	1,002	41	3.21	4%	4.07
2004	619	201	820	134	3.58	16%	4.61
2005	637	174	811	120	3.67	15%	4.62
2006	635	166	801	163	3.70	20%	4.94
2007	783	281	1,064	144	3.67	14%	4.66
2008	758	200	958	220	3.68	23%	5.12

2008 Tundra Swan Harvest Projections

Unit/Type		Licenses						% Sampled	Response Rate	Unit Success	Harvest Projections				Ave. Days Hunted	Ave. Satis- faction
		Resident			Nonresident						Total	Adults	Juvnles	Unk.		
App. 1st Choice *	Available	Sold	App. 1st Choice *	Available	Sold				Cripples **							
00A-81	229	1,100	758	117	200	200	52%	84.4%	23%	51	195	23	2	220	3.68	5.12

* Number of 1st drawing applicants with that season as 1st choice.

For those responding, 23.5% said they did not hunt swans.

** Cripple estimate not included in Total Harvest Estimate.

Satisfaction is based on scale with 1=very dissatisfied and 7=very satisfied.

Reported Swan Harvest Distribution by Date for 2008

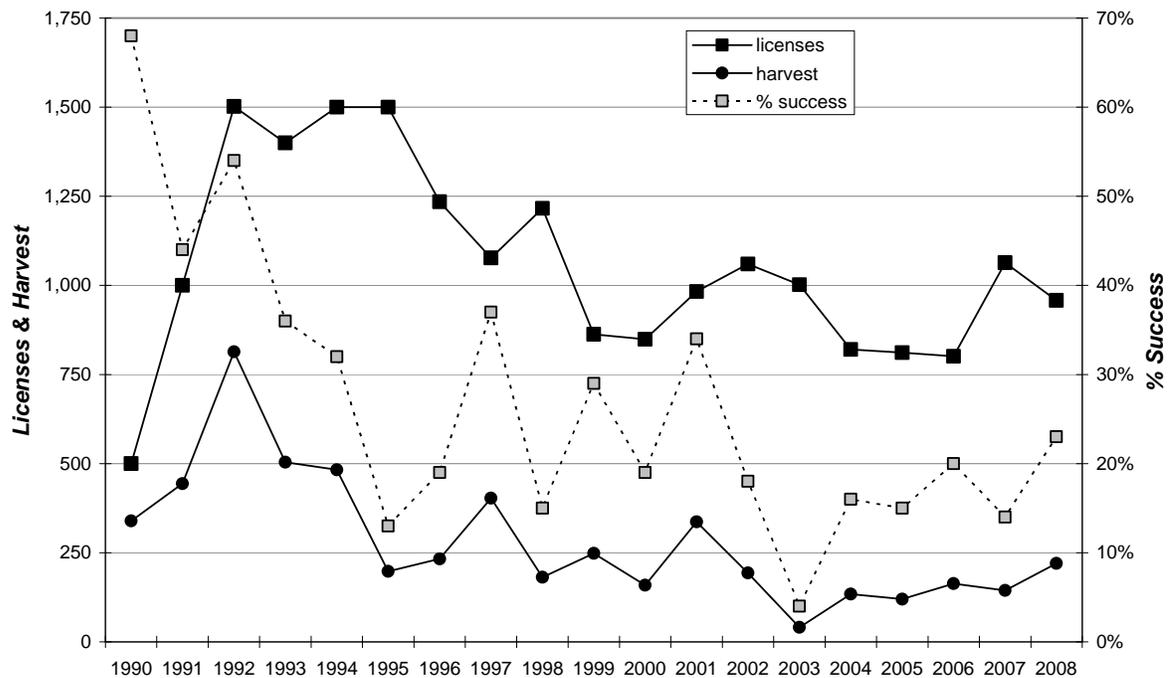
Month	Day	Rpt'd Harvest Number	% of Total Rpt Harvest	Month	Day	Rpt'd Harvest Number	% of Total Rpt Harvest	
October	4	0		November	13	1	1.05%	
	5	0			14	0		
	6	0			15	3	3.16%	
	7	0			16	2	2.11%	
	8	0			17	1	1.05%	
	9	0			18	0		
	10	0			19	0		
	11	1	1.05%		20	1	1.05%	
	12	1	1.05%		21	1	1.05%	
	13	0			22	0		
	14	0			23	0		
	15	0			24	0		
	16	0			25	1	1.05%	
	17	0			26	0		
	18	0			27	0		
	19	3	3.16%		28	0		
	20	3	3.16%		29	0		
	21	1	1.05%		30	0		
	22	0			December		1	0
	23	3	3.16%			2	0	
	24	1	1.05%			3	0	
	25	8	8.42%			4	0	
	26	3	3.16%			5	0	
	27	0				6	0	
	28	6	6.32%			7	0	
	29	9	9.47%			8	0	
	30	8	8.42%			9	0	
	31	2	2.11%			10	0	
	November	1	2		2.11%	11	0	
		2	4		4.21%	12	0	
		3	2	2.11%	13	0		
4		2	2.11%	14	0			
5		2	2.11%	15	0			
6		1	1.05%	16	0			
7		1	1.05%	17	0			
8		4	4.21%	18	0			
9		2	2.11%	19	0			
10		2	2.11%	20	0			
11		3	3.16%	21	0			
12		1	1.05%					
		October Subtotal:	49	51.58%				
		November Subtotal:	36	37.89%				
		December Subtotal:	0	0.00%				
		Unknown:	10	10.53%				
		TOTAL REPORTED:	95					

Last updated: 12 March 09

2008 Tundra Swan Harvest Summary By Residency

HARVEST SUMMARY						DISTRIBUTION OF REPORTED HARVEST BY COUNTY							
Residency	# License Holders	# Did Not Hunt	Ave. Days Hunted (if hunted)	Satisfaction	Success (not incl. Cripples)	Residents			Nonresidents				
						County	# Killed	% of Res. Kill	% of Total Kill	County	# Killed	% of Nonres. Kill	% of Total Kill
Resident	758	186 (24.6%)	4.6	5.2	24.0%	Brown	19	23.8%	19.8%	Brown	3	18.8%	3.1%
NonRes.	200	39 (19.3%)	5.5	4.9	19.3%	Beadle	1	1.3%	1.0%	Beadle	0		
						Codington	10	12.5%	10.4%	Codington	1	6.3%	1.0%
						Campbell	1	1.3%	1.0%	Campbell	0		
						Clark	23	28.8%	24.0%	Clark	2	12.5%	2.1%
						Day	9	11.3%	9.4%	Day	3	18.8%	3.1%
						Deuel	2	2.5%	2.1%	Deuel	0		
						Hamlin	1	1.3%	1.0%	Hamlin	0		
						McPherson	9	11.3%	9.4%	McPherson	1	6.3%	1.0%
						Marshall	5	6.3%	5.2%	Marshall	5	31.3%	5.2%
						Roberts	0			Roberts	1	6.3%	1.0%
						Total	80	100.0%	83.3%	Total	16	100.0%	16.7%

TUNDRA SWAN HARVEST, 1990-2008



DUCKS (all species)

The 2008 duck season was open 27 September 2008 - 8 January 2009 statewide, although some units/zones may have opened later and/or closed sooner. The daily bag was 5 ducks, which could include no more than 2 scaup, 2 redheads, 2 wood ducks, 1 hen mallard or 1 canvasback or 1 pintail. The daily limit on mergansers was 5, which could include no more than 2 hooded mergansers, and the daily limit on coots was 15. Possession was twice the daily bag for all species, not to exceed 10 ducks total. To hunt ducks, residents were required to hold small game, 1-day small game, adult or junior combination, or youth small game licenses plus a migratory bird certification. Nonresidents were required to obtain a nonresident waterfowl license. All hunters age 16 and over were also required to obtain a federal waterfowl stamp.

In 2008, there were an estimated 17,434 hunters who hunted at least one day for ducks (13,376 residents, 4,058 nonresidents). From the survey responses, there were a projected total of 219,125 ducks harvested (175,761 by residents, 43,364 by nonresidents). Nonresidents reported harvesting 12% of their ducks within 20 miles of the Missouri River. Average bag for residents was 13.14, 11.55 for nonresidents with the 10-day or season-long license, and 6.85 for nonresidents with the 3-day license.

The five counties with the highest reported resident hunter numbers were Brown, Day, Codington, Kingsbury, and Brookings.

When asked their satisfaction on the season, (1 being most dissatisfied, 7 being most satisfied), duck hunters reported an average satisfaction rating of 5.03 for residents and 5.16 for nonresidents.

The average days hunted by all hunters (7.44 residents, 4.79 10-day or season long nonresidents, and 2.67 3-day nonresidents) projected to a total of 117,373 recreation days for the season.

Comparison of the 1996 - 2008 duck harvests

Year	Resident Hunters					Nonresident Hunters				
	Number Hunters	Harvest	Ave Day Hunted	Ave Bag	Satisfaction	Number Hunters	Harvest	Ave Day Hunted	Ave Bag	Satisfaction
1996	20,247	221,201	7.12	11.12	n/a	2,789	27,205	4.85	9.75	n/a
1997	26,707	307,998	8.10	11.60	n/a	2,947	36,150	4.89	12.27	n/a
1998	26,575	321,195	7.47	12.15	3.58	3,529	34,474	4.53	9.77	3.15
1999	26,172	334,478	8.06	12.78	4.48	3,288	41,917	4.59	10.95	4.78
2000	21,257	242,117	7.28	11.39	4.49	3,551	38,812	4.43	10.93	4.85
2001	24,554	300,787	7.47	12.25	4.77	3,911	47,148	4.62	12.16	5.21
2002	22,085	284,897	7.51	12.90	4.64	4,139	43,162	4.35	10.43	5.01
2003	19,640	241,376	7.11	12.29	4.86	4,132	44,563	4.33	10.78	5.07
2004	19,179	223,435	7.08	11.65	4.33	4,049	42,074	4.26	10.39	4.60
2005	15,601	180,192	6.73	11.55	4.66	3,917	42,441	4.54	10.84	4.90
2006	14,531	203,870	7.26	14.03	4.95	4,349	50,975	4.64	11.72	5.21
2007	14,519	188,892	7.12	13.01	4.91	3,853	39,594	4.29	10.28	5.04
2008	13,376	175,761	7.44	13.14	5.03	4,058	43,364	4.40	10.69	5.16

DUCK HARVEST PROJECTIONS FOR 2008

Last Revised: 12 May 09

	Resident	Non Residents
No. Resident Hunters Reporting Duck Days	1,067	-
Total Reported Duck Hunted Days	7,937	-
Average Days Hunted Ducks	7.44	-
Total Reported Ducks Bagged	14,021	-
Average Duck Bag for Season	13.14	-
Projected Days Duck Hunting	99,517	-
Projected No. Duck Hunters	13,376	-
Projected Duck Bag	175,761	-
TOTAL RESIDENT DUCK HARVEST = 175,761		
Nonresident 10-day and Season-long Licenses		
No. Hunters Reporting Duck Days	-	770
Total Reported Duck Hunted Days	-	3,687
Average Days Hunted Ducks	-	4.79
Total Reported Ducks Bagged	-	8,897
Average Duck Bag for Season	-	11.55
Projected Days Duck Hunting	-	15,864
Projected No. Duck Hunters	-	3,312
Projected Duck Bag	-	38,254
Duck Harvest Reported Within 20 Miles of Missouri River	-	1,069
Projected Ducks Bagged w/in 20 miles of Missouri River	-	4,596
Nonresident 3-day Licenses		
No. Hunters Reporting Duck Days	-	194
Total Reported Duck Hunted Days	-	518
Average Days Hunted Ducks	-	2.67
Total Reported Ducks Bagged	-	1,329
Average Duck Bag for Season	-	6.85
Projected Days Duck Hunting	-	1,992
Projected No. Duck Hunters	-	746
Projected Duck Bag	-	5,110
Duck Harvest Reported Within 20 Miles of Missouri River	-	154
Projected Ducks Bagged w/in 20 miles of Missouri River	-	592
TOTAL NONRESIDENT DUCK HARVEST = 43,364		
TOTAL DUCK HARVEST = 219,125		
Duck Hunter Mean Satisfaction Score *1*	5.03	5.16

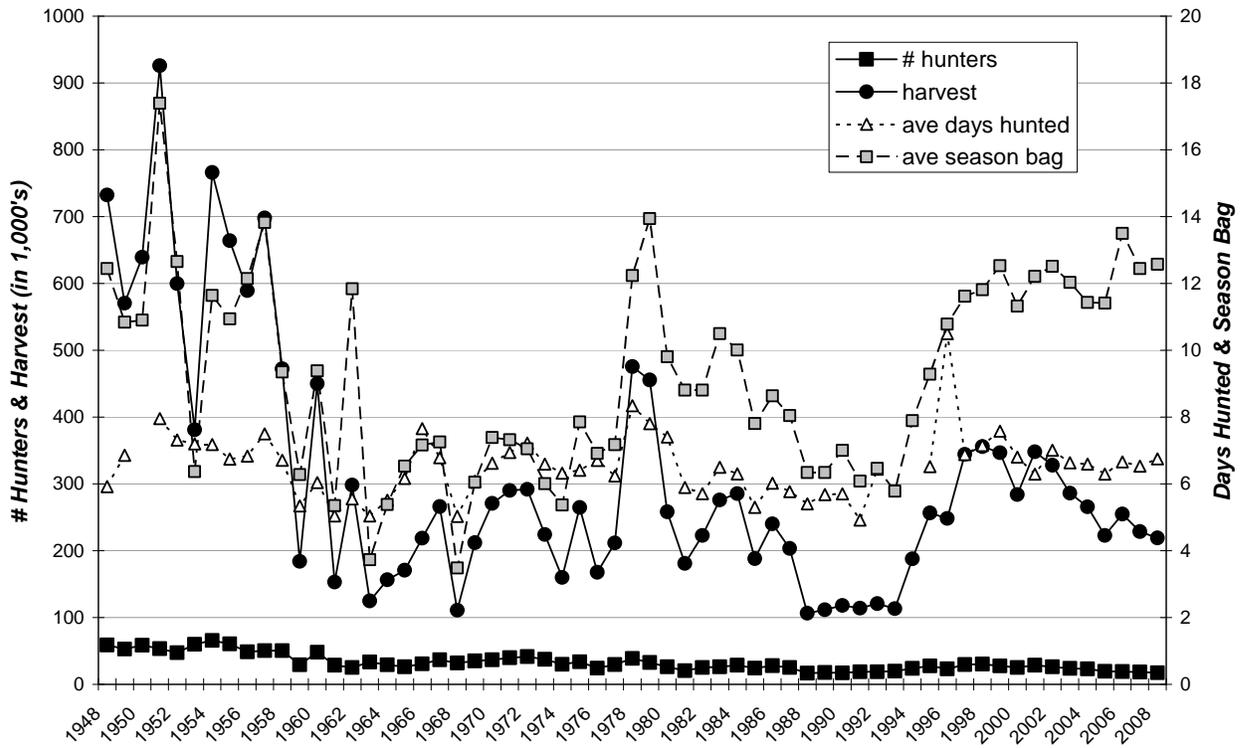
1 Based on scale of 1-7 with 1=very dissatisfied & 7=very satisfied

Resident Duck Hunter Distribution by County 2008				
HUNTER DISTRIBUTION				
COUNTY	# Reported	# Projected	% of Total	# Proj w/ Unk *
Minnehaha	44	552	4.5	604
Pennington	9	113	0.9	124
Brown	79	990	8.1	1,083
Beadle	22	276	2.3	302
Codington	63	790	6.5	865
Brookings	52	652	5.3	714
Yankton	14	176	1.4	193
Davison	4	50	0.4	55
Lawrence	5	63	0.5	69
Aurora	13	163	1.3	178
Bennett	4	50	0.4	55
Bon Homme	17	213	1.7	233
Brule	13	163	1.3	178
Buffalo	2	25	0.2	27
Butte	2	25	0.2	27
Campbell	2	25	0.2	27
Charles Mix	28	351	2.9	384
Clark	39	489	4.0	535
Clay	3	38	0.3	42
Corson	1	13	0.1	14
Day	68	852	7.0	932
Deuel	20	251	2.1	275
Dewey	1	13	0.1	14
Douglas	6	75	0.6	82
Edmunds	10	125	1.0	137
Fall River	7	88	0.7	96
Faulk	3	38	0.3	42
Grant	20	251	2.1	275
Gregory	3	38	0.3	42
Haakon	0	0	0.0	0
Hamlin	42	527	4.3	577
Hand	2	25	0.2	27
Hanson	9	113	0.9	124
Harding	3	38	0.3	42
Hughes	18	226	1.8	247
Hutchinson	8	100	0.8	109
Hyde	1	13	0.1	14
Jackson	0	0	0.0	0
Jerauld	0	0	0.0	0
Jones	0	0	0.0	0
Kingsbury	59	740	6.1	810
Lake	50	627	5.1	686
Lincoln	11	138	1.1	151
Lyman	11	138	1.1	151
McCook	30	376	3.1	411
McPherson	12	150	1.2	164
Marshall	27	338	2.8	370
Meade	5	63	0.5	69
Mellette	0	0	0.0	0
Miner	11	138	1.1	151
Moody	14	176	1.4	193
Perkins	6	75	0.6	82
Potter	4	50	0.4	55
Roberts	35	439	3.6	480
Sanborn	8	100	0.8	109
Spink	13	163	1.3	178
Stanley	7	88	0.7	96
Sully	14	176	1.4	193
Tripp	1	13	0.1	14
Turner	8	100	0.8	109
Union	7	88	0.7	96
Walworth	3	38	0.3	42
Ziebach	1	13	0.1	14
Shannon	1	13	0.1	14
Unk/Unreported	92	1,153	-	-
TOTALS:	1,067	13,376	99%	13,368

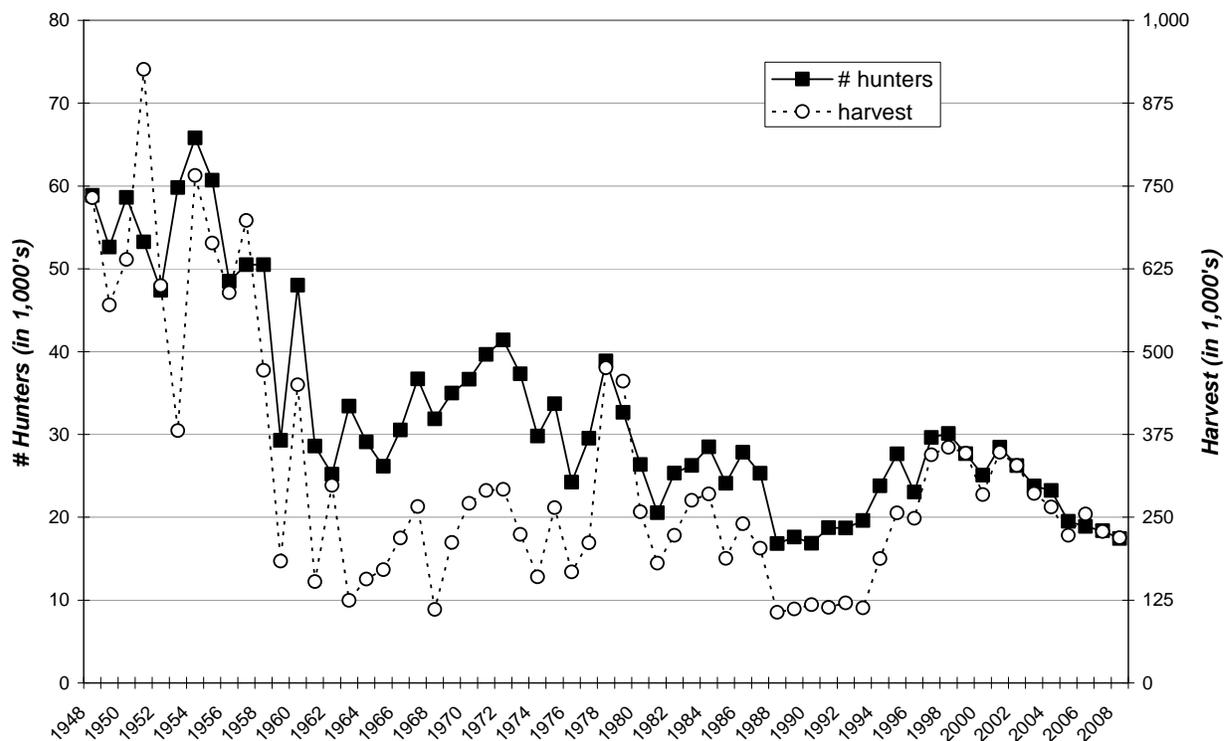
Last Revised: 13 May 09

* Includes unknown county projection values by assuming unknown county values are distributed the same as reported county values. Total values may be different due to rounding.

STATEWIDE DUCK (all species) HARVEST, 1948-2008



STATEWIDE DUCK SEASON PARTICIPATION, 1948-2008



CANADA GEESE (all seasons)

Information provided in this section pertains to the entire Canada goose harvest in South Dakota and combines information from all seasons. The next two sections report only on the Early Fall (September) and Special Bennett County seasons.

The 2008 Canada goose season was open from 6 September 2008 - 13 February 2009 statewide, although some units may have opened later and/or closed sooner. The daily bag was 5 geese prior to 27 September; after then it was 3 geese. Possession was twice the daily bag. Resident hunters were separately licensed for one Special Canada goose unit in Bennett County. To hunt geese, residents were required to hold small game, 1-day small game, adult or junior combination or youth small game licenses plus a migratory bird certification. Nonresidents were required to obtain a nonresident waterfowl license. All hunters age 16 and over were also required to obtain a federal waterfowl stamp. Special Canada goose season hunters were required to apply for and receive Special Canada goose season licenses.

In 2008, there were a projected 15,946 hunters who hunted at least one day for Canada geese (13,463 residents, 2,349 nonresidents). From the survey responses, there were a projected total of 103,449 Canada geese harvested (97,068 by residents, 6,381 by nonresidents). Average Canada goose bag for residents was 7.21, for nonresidents 2.57. An estimated 33,227 Canada geese were harvested within 20 miles of the Missouri River.

The five counties with the highest reported harvest by residents were Hughes, Day, Kingsbury, Charles Mix, and Brown, and by nonresidents were Hughes, Day, Roberts, Clark, and Stanley. Approximately 17% of the resident and 13% of the nonresident harvest was reported in Hughes County.

When asked their satisfaction on the season, (1 being least satisfied, 7 being most satisfied), Canada goose hunters reported an average rating of 5.03 for residents and 5.24 for nonresidents. The average days hunted by all hunters (7.21 residents, 3.89 nonresidents) projected to a total of 106,727 recreation days for the season.

Comparison of the 2000 - 2008 Canada goose harvests:

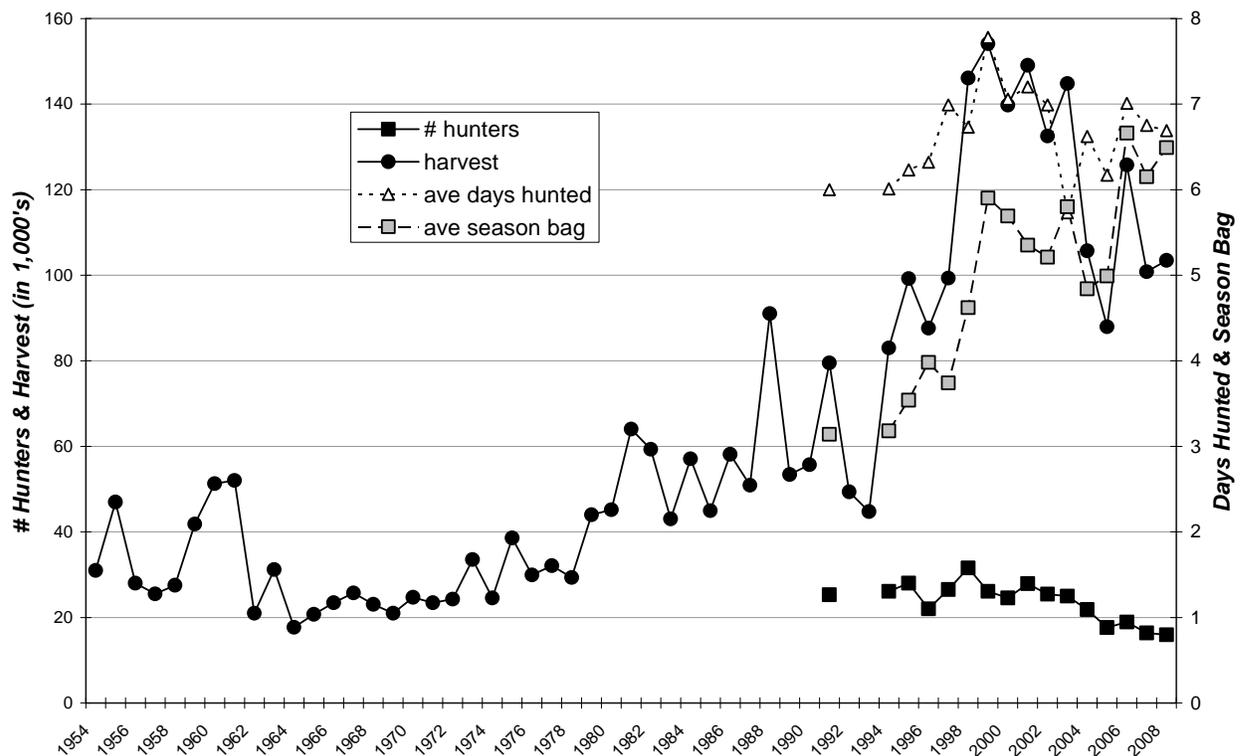
Year	Resident Hunters					Nonresident Hunters				
	Number Hunters	Harvest	Ave Day Hunted	Ave Bag	Satisfaction	Number Hunters	Harvest	Ave Day Hunted	Ave Bag	Satisfaction
2000	21,863	132,053	7.50	6.04	4.48	2,493	7,130	3.89	2.86	4.85
2001	25,375	142,608	7.51	5.62	4.62	2,499	6,422	4.09	2.57	5.16
2002	22,484	125,236	7.66	5.57	4.59	2,959	7,279	3.75	2.46	4.94
2003	21,860	135,751	7.16	6.21	4.89	3,110	9,050	3.56	2.91	5.18
2004	19,365	100,504	6.98	5.19	4.39	2,481	5,185	3.82	2.09	4.67
2005	15,288	83,167	6.53	5.44	4.65	2,343	4,803	3.84	2.05	4.97
2006	16,103	118,357	7.53	7.35	4.95	2,789	7,419	4.03	2.66	5.21
2007	14,026	94,535	7.24	6.74	4.81	2,349	6,248	3.82	2.66	5.21
2008	13,463	97,068	7.21	7.21	5.03	2,483	6,381	3.89	2.57	5.24

CANADA GOOSE HARVEST PROJECTIONS FOR 2008

Last Revised: 12 May 09

	Resident	Non Residents
All Seasons:		
No. Hunters Reporting Canada Goose Days	1,074	593
Total Reported Canada Goose Hunted Days	7,748	2,304
Average Days Hunted Canada Geese	7.21	3.89
Total Reported Canada Geese Bagged	7,742	1,526
Average Canada Goose Bag for Season	7.21	2.57
Projected Days Canada Goose Hunting	97,068	9,659
Projected No. Canada Goose Hunters	13,463	2,483
Projected Canada Goose Bag	97,068	6,381
Canada Geese Reported w/in 20 miles of Missouri River	2,467	549
Projected Canada Geese Bagged w/in 20 miles of Missouri River	30,931	2,296
TOTAL CANADA GOOSE HARVEST = 103,449		
Canada Goose Hunter Mean Satisfaction Score *1*	5.03	5.24
<i>*1* Based on scale of 1-7 with 1=very dissatisfied & 7=very satisfied</i>		

STATEWIDE CANADA GOOSE (all seasons) HARVEST, 1954-2008



South Dakota Game Report No 2009-04 - 2008 Small Game, Upland Bird & Migratory Bird Harvest Projections
 Corey Huxoll

Resident Canada Goose Harvest Distribution by County 2008									
COUNTY	HUNTER DISTRIBUTION				HARVEST DISTRIBUTION				Birds/Hunter **
	# Reported	# Projected	% of Total	# Proj w/ Unk *	# Reported	# Projected	% of Total	# Proj w/ Unk *	
Minnehaha	39	489	4.1	546	296	3,711	4.2	4,042	7.6
Pennington	4	50	0.4	56	29	364	0.4	396	7.3
Brown	49	614	5.1	686	354	4,438	5.0	4,834	7.2
Beadle	12	150	1.2	168	79	990	1.1	1,078	6.6
Codington	58	727	6.0	812	341	4,275	4.8	4,656	5.9
Brookings	40	501	4.2	560	257	3,222	3.6	3,509	6.4
Yankton	8	100	0.8	112	62	777	0.9	846	7.8
Davison	7	88	0.7	98	51	639	0.7	696	7.3
Lawrence	3	38	0.3	42	3	38	0.0	41	1.0
Aurora	4	50	0.4	56	1	13	0.0	14	0.3
Bennett	21	263	2.2	294	102	1,279	1.4	1,393	4.9
Bon Homme	11	138	1.1	154	115	1,442	1.6	1,571	10.4
Brule	8	100	0.8	112	59	740	0.8	806	7.4
Buffalo	1	13	0.1	15	1	13	0.0	14	1.0
Butte	2	25	0.2	28	14	176	0.2	192	7.0
Campbell	5	63	0.5	70	28	351	0.4	382	5.6
Charles Mix	37	464	3.9	519	372	4,664	5.2	5,080	10.1
Clark	34	426	3.5	476	324	4,062	4.6	4,424	9.5
Clay	4	50	0.4	56	2	25	0.0	27	0.5
Corson	2	25	0.2	28	3	38	0.0	41	1.5
Custer	0	0	0.0	0	0	0	0.0	0	0
Day	66	827	6.9	924	439	5,504	6.2	5,995	6.7
Deuel	20	251	2.1	281	190	2,382	2.7	2,594	9.5
Dewey	0	0	0.0	0	0	0	0.0	0	0
Douglas	1	13	0.1	15	3	38	0.0	41	2.9
Edmunds	11	138	1.1	154	49	614	0.7	669	4.4
Fall River	3	38	0.3	42	6	75	0.1	82	2.0
Faulk	3	38	0.3	42	26	326	0.4	355	8.6
Grant	25	313	2.6	350	164	2,056	2.3	2,239	6.6
Gregory	0	0	0.0	0	0	0	0.0	0	0
Haakon	0	0	0.0	0	0	0	0.0	0	0
Hamlin	34	426	3.5	476	253	3,172	3.6	3,455	7.4
Hand	1	13	0.1	15	1	13	0.0	14	1.0
Hanson	4	50	0.4	56	3	38	0.0	41	0.8
Harding	2	25	0.2	28	10	125	0.1	136	5.0
Hughes	110	1,379	11.4	1,541	915	11,472	12.9	12,495	8.3
Hutchinson	4	50	0.4	56	16	201	0.2	219	4.0
Hyde	0	0	0.0	0	0	0	0.0	0	0
Jackson	0	0	0.0	0	0	0	0.0	0	0
Jerauld	1	13	0.1	15	2	25	0.0	27	1.9
Jones	0	0	0.0	0	0	0	0.0	0	0
Kingsbury	47	589	4.9	658	386	4,840	5.4	5,272	8.2
Lake	39	489	4.1	546	200	2,508	2.8	2,732	5.1
Lincoln	10	125	1.0	140	53	665	0.7	724	5.3
Lyman	13	163	1.4	182	129	1,617	1.8	1,761	9.9
McCook	14	175	1.5	196	71	890	1.0	969	5.1
McPherson	13	163	1.4	182	203	2,545	2.9	2,772	15.6
Marshall	32	401	3.3	448	339	4,250	4.8	4,629	10.6
Meade	1	13	0.1	15	12	150	0.2	163	11.5
Mellette	1	13	0.1	15	0	0	0.0	0	0.0
Miner	8	100	0.8	112	23	288	0.3	314	2.9
Moody	12	150	1.2	168	31	389	0.4	424	2.6
Perkins	11	138	1.1	154	105	1,316	1.5	1,433	9.5
Potter	2	25	0.2	28	26	326	0.4	355	13.0
Roberts	44	552	4.6	617	316	3,962	4.4	4,315	7.2
Sanborn	5	63	0.5	70	26	326	0.4	355	5.2
Spink	9	113	0.9	126	63	790	0.9	860	7.0
Stanley	18	226	1.9	253	109	1,367	1.5	1,489	6.0
Sully	32	401	3.3	448	324	4,062	4.6	4,424	10.1
Tripp	2	25	0.2	28	12	150	0.2	163	6.0
Turner	6	75	0.6	84	33	414	0.5	451	5.5
Union	6	75	0.6	84	74	928	1.0	1,011	12.4
Walworth	2	25	0.2	28	3	38	0.0	41	1.5
Ziebach	0	0	0.0	0	0	0	0.0	0	0
Shannon	0	0	0.0	0	0	0	0.0	0	0
Todd	0	0	0.0	0	0	0	0.0	0	0
Unk/Unreported	113	1,416	-	-	634	7,949	-	-	5.6
TOTALS:	1,074	13,463	100%	13,465	7,742	97,068	100%	97,061	7.21

Last Revised: 13 May 09

* Includes unknown county projection values by assuming unknown county values are distributed the same as reported county values. Total values may be different due to rounding.

** Calculation uses "# projected" values without correction for unknown/unreported county values.

South Dakota Game Report No 2009-04 - 2008 Small Game, Upland Bird & Migratory Bird Harvest Projections
Corey Huxoll

Nonresident Canada Goose Harvest Distribution by County 2008										
COUNTY	HUNTER DISTRIBUTION				HARVEST DISTRIBUTION				Birds/Hunter **	
	# Reported	# Projected	% of Total	# Proj w/ Unk *	# Reported	# Projected	% of Total	# Proj w/ Unk *		
Minnehaha	1	4	0.2	4	0	0	0.0	0	0.0	
Pennington	0	0	0.0	0	0	0	0.0	0	0	
Brown	40	167	7.4	184	61	255	4.3	277	1.5	
Beadle	3	13	0.6	14	2	8	0.1	9	0.6	
Codington	11	46	2.0	51	22	92	1.6	100	2.0	
Brookings	4	17	0.8	19	5	21	0.4	23	1.2	
Yankton	7	29	1.3	32	41	171	2.9	186	5.9	
Davison	0	0	0.0	0	0	0	0.0	0	0	
Lawrence	0	0	0.0	0	0	0	0.0	0	0	
Aurora	0	0	0.0	0	0	0	0.0	0	0	
Bennett	11	46	2.0	51	26	109	1.9	118	2.4	
Bon Homme	14	59	2.6	65	59	247	4.2	268	4.2	
Brule	6	25	1.1	28	6	25	0.4	27	1.0	
Buffalo	0	0	0.0	0	0	0	0.0	0	0	
Butte	0	0	0.0	0	0	0	0.0	0	0	
Campbell	3	13	0.6	14	3	13	0.2	14	1.0	
Charles Mix	13	54	2.4	60	23	96	1.6	104	1.8	
Clark	44	184	8.2	203	100	418	7.1	454	2.3	
Clay	3	13	0.6	14	2	8	0.1	9	0.6	
Corson	1	4	0.2	4	0	0	0.0	0	0.0	
Custer	0	0	0.0	0	0	0	0.0	0	0	
Day	109	456	20.2	503	231	966	16.4	1,048	2.1	
Deuel	10	42	1.9	46	9	38	0.6	41	0.9	
Dewey	0	0	0.0	0	0	0	0.0	0	0	
Douglas	2	8	0.4	9	0	0	0.0	0	0.0	
Edmunds	3	13	0.6	14	4	17	0.3	18	1.3	
Fall River	0	0	0.0	0	0	0	0.0	0	0	
Faulk	1	4	0.2	4	3	13	0.2	14	3.3	
Grant	2	8	0.4	9	1	4	0.1	4	0.5	
Gregory	0	0	0.0	0	0	0	0.0	0	0	
Haakon	0	0	0.0	0	0	0	0.0	0	0	
Hamlin	9	38	1.7	42	14	59	1.0	64	1.6	
Hand	1	4	0.2	4	2	8	0.1	9	2.0	
Hanson	0	0	0.0	0	0	0	0.0	0	0	
Harding	1	4	0.2	4	0	0	0.0	0	0.0	
Hughes	46	193	8.6	213	240	1,004	17.1	1,090	5.2	
Hutchinson	1	4	0.2	4	3	13	0.2	14	3.3	
Hyde	1	4	0.2	4	8	33	0.6	36	8.3	
Jackson	0	0	0.0	0	0	0	0.0	0	0	
Jerauld	1	4	0.2	4	9	38	0.6	41	9.5	
Jones	2	8	0.4	9	5	21	0.4	23	2.6	
Kingsbury	13	54	2.4	60	37	155	2.6	168	2.9	
Lake	4	17	0.8	19	5	21	0.4	23	1.2	
Lincoln	0	0	0.0	0	0	0	0.0	0	0	
Lyman	9	38	1.7	42	36	151	2.6	164	4.0	
McCook	0	0	0.0	0	0	0	0.0	0	0	
McPherson	9	38	1.7	42	8	33	0.6	36	0.9	
Marshall	31	130	5.8	143	76	318	5.4	345	2.4	
Meade	0	0	0.0	0	0	0	0.0	0	0	
Mellette	0	0	0.0	0	0	0	0.0	0	0	
Miner	3	13	0.6	14	2	8	0.1	9	0.6	
Moody	0	0	0.0	0	0	0	0.0	0	0	
Perkins	0	0	0.0	0	0	0	0.0	0	0	
Potter	3	13	0.6	14	11	46	0.8	50	3.5	
Roberts	59	247	11.0	272	197	824	14.0	894	3.3	
Sanborn	0	0	0.0	0	0	0	0.0	0	0	
Spink	3	13	0.6	14	4	17	0.3	18	1.3	
Stanley	29	121	5.4	133	79	330	5.6	358	2.7	
Sully	14	59	2.6	65	28	117	2.0	127	2.0	
Tripp	2	8	0.4	9	6	25	0.4	27	3.1	
Turner	2	8	0.4	9	11	46	0.8	50	5.8	
Union	5	21	0.9	23	23	96	1.6	104	4.6	
Walworth	2	8	0.4	9	4	17	0.3	18	2.1	
Ziebach	0	0	0.0	0	0	0	0.0	0	0	
Shannon	0	0	0.0	0	0	0	0.0	0	0	
Todd	0	0	0.0	0	0	0	0.0	0	0	
Unk/Unreported	55	230	-	-	120	502	-	-	2.2	
TOTALS:	593	2,483	101%	2,480	1,526	6,381	100%	6,382	2.57	

Last Revised: 13 May 09
 * Includes unknown county projection values by assuming unknown county values are distributed the same as reported county values. Total values may be different due to rounding.
 ** Calculation uses "# projected" values without correction for unknown/unreported county values.

EARLY FALL CANADA GOOSE

The 2008 Early Fall Canada goose season was open from 6-26 September in the Unit 1 counties specified in the 2008 hunting guide, which included most of the state. However, nonresidents were prohibited from hunting in the counties of Beadle, Brookings, Hanson, Kingsbury, Lake, Lincoln, McCook, Miner, Minnehaha, Moody, Sanborn, Turner and Union during these dates. The daily bag limit was 5 geese and possession was double the daily bag. To hunt geese, residents were required to hold small game, 1-day small game, adult or junior combination, or youth small game licenses plus a migratory bird certification. Nonresidents were required to obtain a nonresident waterfowl license. All hunters age 16 and over were also required to obtain a federal waterfowl stamp.

In 2008, there were 32,577 hunters licensed to hunt the Early Fall Canada goose season (32,317 residents, 260 nonresidents). About 11% (3,714) of the resident hunters and 99% (257) of the nonresident hunters were surveyed. The survey response rates were 69% for residents and 77% for nonresidents.

In 2008, there were a projected 5,275 hunters who hunted at least one day in Unit 1 during the Early Fall season. From the survey responses, there were a projected 27,924 geese harvested from Sept. 6-26 in Unit 1.

As in 2007, resident hunters were surveyed utilizing the Migratory Bird Survey instead of a separate Resident Early Fall Canada Goose Survey that was used in previous years. They were only asked whether or not they hunted and how many Canada geese they harvested during the early season.

Prior to 1999, it was not possible to draw a sample from the current year's hunters due to the license system structure. Since then, hunters from the current year's database have been surveyed. This change in license structure improved the accuracy in estimating the number of hunters and harvest. Consequently, comparisons between numbers generated from different license structures may be misleading due to basic procedural differences.

Comparison of the 1997 - 2008 Early Fall Canada goose harvests

Year	Number Hunters	Harvest	Average Days Hunted	Average Season Bag
1997	6,506	11,281	2.67	1.73
1998	6,682	15,768	2.90	2.36
1999	9,173	25,960	3.15	2.83
2000	10,142	37,365	3.83	3.68
2001	8,358	51,491	3.58	6.16
2002	9,459	34,831	3.80	3.68
2003	10,152	42,417	3.82	4.18
2004	7,662	26,113	3.24	3.41
2005	5,686	21,499	3.22	3.78
2006	6,095	25,755	3.09	4.23
2007	5,876	26,698	UNK	4.54
2008	5,275	27,924	UNK	5.29

EARLY FALL CANADA GOOSE HARVEST PROJECTIONS FOR 2008

Last Revised: 21 May 09

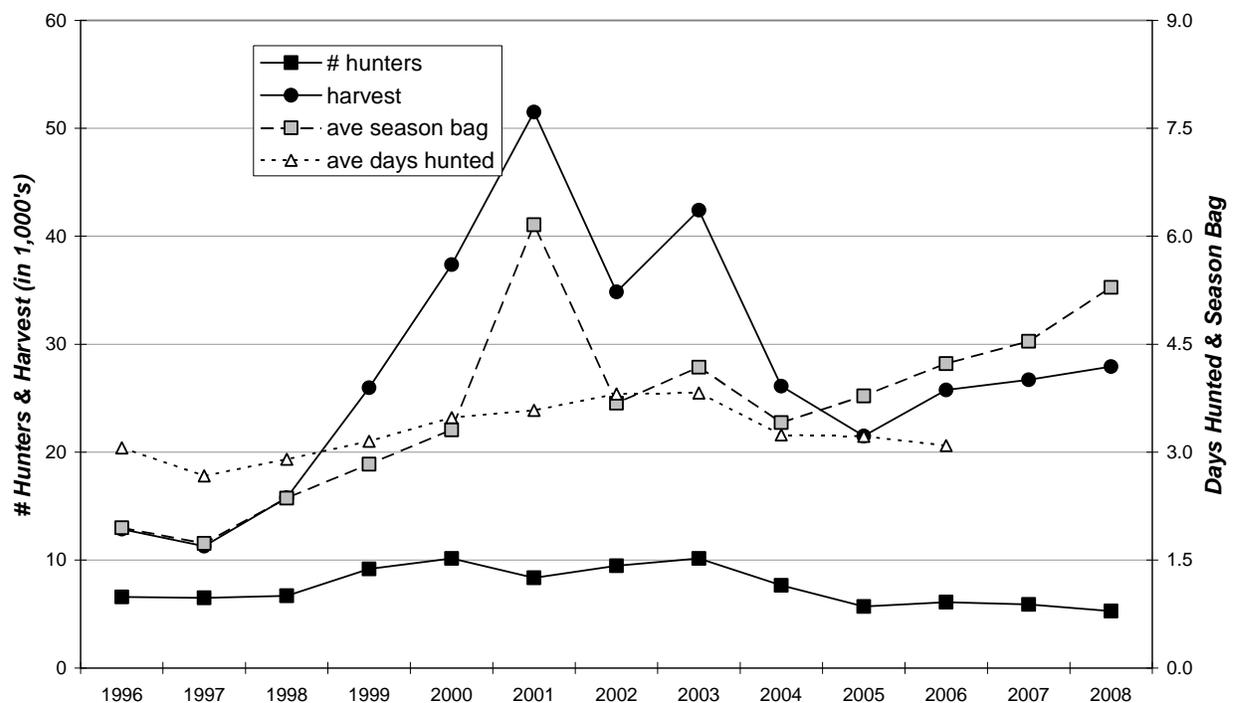
	Resident	Non Residents
EARLY FALL CANADA GOOSE SEASON Licenses Sold *1*	32,317	260
Number Sampled by Survey	3,714	257
Number Responded to Survey	2,578	197
Responded and Participated in Season	403	169
Responded but DID NOT HUNT	2,175	28
Survey Response Rate	69.4%	76.7%
No. Hunters Reporting Canada Goose Days	403	169
Total Reported Canada Goose Hunted Days	UNK	691
Average Days Hunted Canada Geese	UNK	4.09
Total Reported Canada Geese Bagged	2,126	947
Average Canada Goose Bag for Season	5.28	5.60
Projected Days Canada Goose Hunting	UNK	912
Projected No. Canada Goose Hunters	5,052	223
Projected Canada Goose Bag	26,675	1,249
TOTAL CANADA GOOSE HARVEST EARLY FALL SEASON = 27,924		
Canada Goose Hunter Mean Satisfaction Score *2*	5.16	5.05

1 For residents: number of licenses based on # Migratory Bird Certificates in the 2008 GF82 database

For nonresidents: number of Nonresident Waterfowl licenses sold in GF79

2 Based on a scale of 1-7 with 1=very dissatisfied & 7=very satisfied

EARLY FALL CANADA GOOSE HARVEST, 1996-2008



SPECIAL CANADA GOOSE

The 2008 Special Unit Canada goose season was open from 18 October to 21 December 2008 in Bennett County. To hunt this resident-only season, hunters were required to hold small game, 1-day small game, adult or junior combination or youth small game licenses plus a migratory bird certification, and for those hunters age 16 and over, a federal waterfowl stamp. Additionally, hunters must have applied for and received a Special Canada goose tag for that specific unit. Hunters that successfully drew a license were allowed to harvest a total of 3 geese for the season.

In 2008, there were 800 residents licensed to hunt the Special Canada goose season. A random sample of 400 license holders were surveyed (2 were undeliverable) and 337 responses were received for a response rate of 85%. Approximately 31% of responding hunters used the Internet response system.

From the survey responses, there were an estimated 720 Canada geese harvested for an average Canada goose bag of 0.90. Of the 337 hunters who responded to the survey, only 193 (57%) indicated that they actually hunted during this season. When asked their satisfaction on the season, (1 being least satisfied, 7 being most satisfied), Special Season hunters reported an average rating of 5.16.

<u>SPECIAL RESIDENT CANADA GOOSE HARVEST 2008</u>	
<i>Last Revised: 26 Feb 09</i>	
	Resident
SPECIAL CANADA GOOSE SEASON Licenses Sold	800
Number Sampled by Survey	398
Number Responded to Survey	337
Responded and Participated in Season	193
Responded but DID NOT HUNT	144
Survey Response Rate	84.7%
Total Reported Canada Goose Hunted Days	356
Average Days Hunted Canada Geese	1.06
Total Reported Canada Geese Bagged	304
Average Canada Goose Bag for Season	0.90
Projected Days Canada Goose Hunting	848
Projected No. Canada Goose Hunters	458
Projected Canada Goose Bag	720
Special Canada Goose Hunter Mean Satisfaction Score *1*	5.16
TOTAL CANADA GOOSE HARVEST SPECIAL SEASON = 720	

LIGHT GEESE (regular season)

Information provided in this section pertains only to the regular light goose season in South Dakota. The next section reports on the Spring Conservation order.

The 2008 light goose season covered 27 September - 21 December statewide and included snow, blue, and Ross' geese and all other geese except Canada geese, brant and white-fronted geese. The daily bag was 20 geese with an unlimited season possession limit. To hunt geese, residents were required to hold small game, 1-day small game, adult or junior combination, or youth small game licenses plus a migratory bird certification. Nonresidents were required to obtain a nonresident waterfowl license. All hunters age 16 and over were also required to obtain a federal waterfowl stamp.

In 2008, there were an estimated 6,014 hunters who hunted at least one day for light geese during the regular season (5,165 residents, 849 nonresidents). From survey responses, there was a projected harvest of 63,477 light geese (58,055 by residents, 5,422 by nonresidents).

When asked their satisfaction on the season, (1 being least satisfied, 7 being most satisfied), those respondents who reported hunting at least one day for light geese reported an average rating of 5.24 for residents and 5.23 for nonresidents. The average days hunted by all hunters (5.51 residents, 4.15 for nonresidents) projected to a total of 31,982 recreation days for the season.

Comparison of the 2000 - 2008 regular season light goose harvests

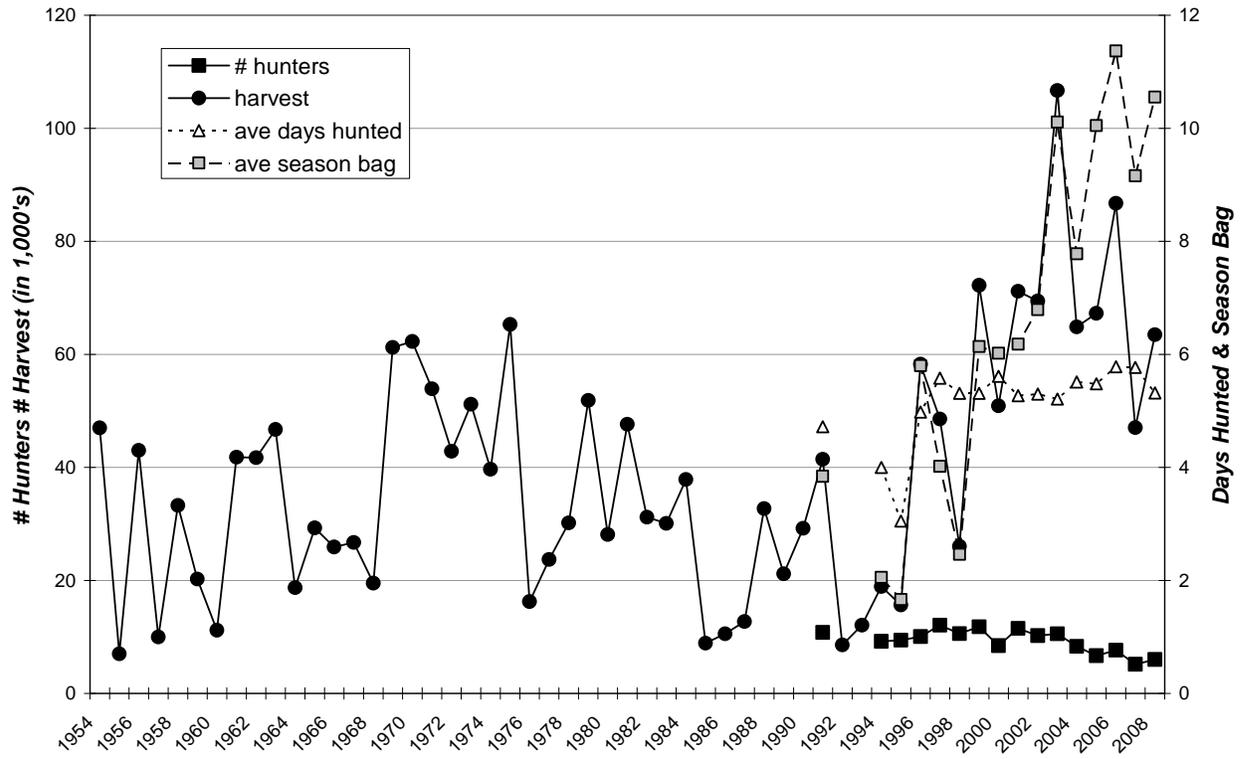
Year	<i>Resident Hunters</i>					<i>Nonresident Hunters</i>				
	<i>Number Hunters</i>	<i>Harvest</i>	<i>Ave Day Hunted</i>	<i>Ave Bag</i>	<i>Satisfaction</i>	<i>Number Hunters</i>	<i>Harvest</i>	<i>Ave Day Hunted</i>	<i>Ave Bag</i>	<i>Satisfaction</i>
2000	7,643	49,680	5.64	6.50	4.52	804	1,198	4.29	1.49	4.51
2001	10,429	68,519	5.43	6.57	4.96	1,090	2,645	3.71	2.42	5.17
2002	9,091	66,819	5.53	7.35	4.75	1,134	2,633	3.44	2.32	4.86
2003	9,360	102,211	5.40	10.92	5.02	1,195	4,464	3.76	3.74	5.29
2004	7,471	64,848	5.68	8.68	4.35	861	1,898	4.00	2.20	4.45
2005	5,984	65,465	5.59	10.94	4.66	709	1,779	4.55	2.51	4.79
2006	6,316	80,213	6.12	12.70	5.00	1,315	6,522	4.12	4.96	5.14
2007	4,377	44,120	6.03	10.08	4.90	754	2,903	4.23	3.85	4.97
2008	5,165	58,055	5.51	11.24	5.24	849	5,422	4.15	6.39	5.23

REGULAR LIGHT GOOSE HARVEST PROJECTIONS FOR 2008

Last Revised: 14 May 09

	Resident	Non Residents
Residents, Regular Season:		
No. Hunters Reporting Light Goose Days	412	-
Total Reported Light Goose Hunted Days	2,271	-
Average Days Hunted Light Geese	5.51	-
Total Reported Light Geese Bagged	4,631	-
Average Light Goose Bag for Season	11.24	-
Projected Days Light Goose Hunting	28,459	-
Projected No. Light Goose Hunters	5,165	-
Projected Light Goose Bag	58,055	-
TOTAL RESIDENT LIGHT GOOSE HARVEST REGULAR SEASON = 58,055		
Nonresident 10-day and Season-long Licenses		
No. Hunters Reporting Light Goose Days	-	166
Total Reported Light Goose Hunted Days	-	732
Average Days Hunted Light Geese	-	4.41
Total Reported Light Geese Bagged	-	1,095
Average Light Goose Bag for Season	-	6.60
Projected Days Light Goose Hunting	-	3,149
Projected No. Light Goose Hunters	-	714
Projected Light Goose Bag	-	4,712
Nonresident 3-day Licenses		
No. Hunters Reporting Light Goose Days	-	35
Total Reported Light Goose Hunted Days	-	97
Average Days Hunted Light Geese	-	2.77
Total Reported Light Geese Bagged	-	184
Average Light Goose Bag for Season	-	5.26
Projected Days Light Goose Hunting	-	374
Projected No. Light Goose Hunters	-	135
Projected Light Goose Bag	-	710
TOTAL NONRESIDENT LIGHT GOOSE HARVEST REGULAR SEASON = 5,422		
TOTAL LIGHT GOOSE HARVEST REGULAR SEASON = 63,477		
Light Goose Hunter Mean Satisfaction Score *1*	5.24	5.23
<i>*1* Based on scale of 1-7 with 1=very dissatisfied & 7=very satisfied</i>		

STATEWIDE REGULAR SEASON LIGHT GOOSE HARVEST, 1954-2008



LIGHT GOOSE CONSERVATION ORDER

Information provided in this section pertains only to the Spring Light Goose Conservation Order in South Dakota. The previous section reported only on the regular season.

The 2008 Light Goose Conservation Order covered 10 February - 8 May statewide. This was the 10th year the conservation order was offered. The daily bag was 20 geese with an unlimited possession limit. To hunt light geese, residents were required to hold small game, 1-day small game, adult or junior combination, or youth small game licenses plus a migratory bird certification. Nonresidents were required to obtain a nonresident Spring Light Goose or a nonresident Youth Spring Light Goose license. Hunters were not required to possess a federal waterfowl stamp to participate in the conservation order.

Harvest surveys were sent to both resident and nonresident hunters. In 2008, there were a projected 6,601 license holders who hunted at least one day for light geese during the conservation order dates (3,330 residents, 3,271 nonresidents). From the survey responses, there were a projected total of 107,137 light geese harvested.

The average days hunted by all hunters projected to a total of 31,331 recreation days for the conservation order. The average season bag from hunters reporting use of electronic callers was 12.4 for residents and 17.0 for nonresidents. The average season bag from hunters reporting use of unplugged shotguns was 16.7 for residents and 19.6 for nonresidents. The average season bag for hunters reporting after sunset hunting was 4.8 for residents and 5.8 for nonresidents. Approximately 7.4% of resident hunters and 9.6% of nonresident hunters reached the daily bag limit at least once.

Brown, Kingsbury, Lake and Clark counties were identified by the most hunters (30% of all respondents combined) as the areas they hunted most.

Comparison of the 1999 - 2008 Conservation Order light goose harvests:

Year	<i>Resident Hunters</i>			<i>Nonresident Hunters</i>		
	<i>Number Hunters</i>	<i>Harvest</i>	<i>Total Days Hunted</i>	<i>Number Hunters</i>	<i>Harvest</i>	<i>Total Days Hunted</i>
1999	7,059	80,856	40,487	1,571	14,257	4,678
2000	3,908	45,687	24,189	2,159	23,230	7,528
2001	4,172	31,913	18,180	2,063	22,462	7,309
2002	7,270	88,190	41,856	2,084	34,537	8,547
2003	3,546	43,898	22,823	1,739	26,184	8,198
2004	3,727	52,756	20,169	2,301	37,028	8,907
2005	4,136	71,545	26,427	2,617	44,852	11,161
2006	3,764	51,027	21,767	3,150	48,520	13,262
2007	2,480	39,343	13,323	2,808	57,212	9,970
2008	3,330	45,995	18,925	3,271	61,142	12,406

CONS ORDER LIGHT GOOSE HARVEST PROJECTIONS FOR 2008

Last Revised: 25 July 08

	Resident	Non Residents
CONSERVATION ORDER LIGHT GOOSE Licenses Sold *3*	12,612	3,478
Projected ACTIVE CONS ORDER LIGHT GOOSE HUNTERS	3,330	3,271
Number Sampled for Survey	1,911	583
Number Responded to Survey	1,428	387
Responded and Participated in Season	377	364
Responded but DID NOT HUNT	1,051	23
Survey Response Rate	74.7%	66.4%
TOTAL LIGHT GOOSE HARVEST CONSERVATION ORDER = 107,137		
Late Season (Conservation Order) 2/10 - 3/10 Period:		
No. Hunters Reporting Light Goose Days	197	52
Total Reported Light Goose Hunted Days	793	157
Average Days Hunted Light Geese	4.03	3.02
Total Reported Light Geese Bagged	1,423	745
Average Light Goose Bag for Season	7.22	14.33
Projected Days Light Goose Hunting	7,012	1,410
Projected No. Light Goose Hunters	1,740	467
Projected Light Goose Bag	12,563	6,692
TOTAL LIGHT GEESSE HARVESTED 2/1 - 3/10 = 19,255		
Late Season (Conservation Order) 3/11 - 5/8 Period:		
No. Hunters Reporting Light Goose Days	284	328
Total Reported Light Goose Hunted Days 3/11-5/8	1,350	1,225
Average Days Hunted Light Geese 3/11-5/8	4.75	3.73
Total Reported Light Geese Bagged	3,787	6,057
Average Light Goose Bag for Season	13.33	18.47
Projected Days Light Goose Hunting	11,913	10,996
Projected No. Light Goose Hunters	2,508	2,948
Projected Light Goose Bag	33,432	54,450
TOTAL LIGHT GEESSE HARVESTED 3/11 - 5/8 = 87,882		
Reported Number of Hunters Using Electronic Callers	89	249
Reported Harvest by Hunters Using Electronic Callers	1,099	4,236
Reported Number of Hunters Using Unplugged Shotguns	181	269
Reported Harvest by Hunters Using Unplugged Shotguns	3,016	5,269
Reported Number of Hunters Hunting After Sunset	59	85
Reported Harvest by Hunters Hunting After Sunset	285	490
Projected Number of Hunters Using Electronic Callers	786	2,238
Average Season Bag for Hunters Using Electronic Callers	12.35	17.01
Projected Harvest by Hunters Using Electronic Callers	9,707	38,068
Projected Number of Hunters Using Unplugged Shotguns	1,599	2,418
Average Season Bag for Hunters Using Unplugged Shotguns	16.66	19.59
Projected Harvest by Hunters Using Unplugged Shotguns	26,639	47,369
Projected Number of Hunters Hunting After Sunset	521	764
Average Season Bag for Hunters Hunting After Sunset	4.83	5.76
Projected Harvest by Hunters Hunting After Sunset	2,516	4,401
3 Numbers of resident licenses sold are based on the number of migratory bird certificates in the 2008 database purchased prior to April		

South Dakota Game Report No 2009-04 - 2008 Small Game, Upland Bird & Migratory Bird Harvest Projections
 Corey Huxoll

Light Goose Conservation Order Hunter and Harvest Distribution by County 2008										
COUNTY	HUNTER DISTRIBUTION				HARVEST DISTRIBUTION				Birds/Hunter **	
	# Reported	# Projected	% of Total	# Proj w/ Unk *	# Reported	# Projected	% of Total	# Proj w/ Unk *		
Minnehaha	25	223	3.9	259	266	2,372	2.5	2,693	10.6	
Pennington	0	0	0.0	0	0	0	0.0	0	0	
Brown	73	650	11.4	754	1,098	9,793	10.4	11,120	15.1	
Beadle	29	258	4.5	299	451	4,023	4.3	4,568	15.6	
Codington	21	187	3.3	217	572	5,102	5.4	5,793	27.3	
Brookings	30	267	4.7	310	332	2,961	3.1	3,362	11.1	
Yankton	27	241	4.2	279	433	3,862	4.1	4,385	16.0	
Davison	17	151	2.7	175	312	2,783	2.9	3,160	18.4	
Lawrence	1	9	0.2	10	1	9	0.0	10	1.0	
Aurora	4	36	0.6	42	15	134	0.1	152	3.7	
Bennett	2	18	0.3	21	0	0	0.0	0	0.0	
Bon Homme	8	71	1.2	82	90	803	0.9	912	11.3	
Brule	5	45	0.8	52	70	624	0.7	709	13.9	
Buffalo	2	18	0.3	21	18	161	0.2	183	8.9	
Butte	1	9	0.2	10	30	268	0.3	304	29.8	
Campbell	2	18	0.3	21	300	2,676	2.8	3,038	148.7	
Charles Mix	12	107	1.9	124	96	856	0.9	972	8.0	
Clark	40	356	6.3	413	715	6,377	6.8	7,241	17.9	
Clay	7	62	1.1	72	14	125	0.1	142	2.0	
Corson	0	0	0.0	0	0	0	0.0	0	0	
Custer	0	0	0.0	0	0	0	0.0	0	0	
Day	27	241	4.2	279	329	2,934	3.1	3,331	12.2	
Deuel	4	36	0.6	42	30	268	0.3	304	7.4	
Dewey	0	0	0.0	0	0	0	0.0	0	0	
Douglas	6	53	0.9	61	122	1,088	1.2	1,235	20.5	
Edmunds	11	98	1.7	114	157	1,400	1.5	1,590	14.3	
Fall River	0	0	0.0	0	0	0	0.0	0	0	
Faulk	5	45	0.8	52	103	919	1.0	1,043	20.4	
Grant	2	18	0.3	21	5	45	0.0	51	2.5	
Gregory	1	9	0.2	10	0	0	0.0	0	0.0	
Haakon	0	0	0.0	0	0	0	0.0	0	0	
Hamlin	22	196	3.4	227	292	2,604	2.8	2,957	13.3	
Hand	3	27	0.5	31	62	553	0.6	628	20.5	
Hanson	11	98	1.7	114	96	856	0.9	972	8.7	
Harding	0	0	0.0	0	0	0	0.0	0	0	
Hughes	4	36	0.6	42	100	892	0.9	1,013	24.8	
Hutchinson	12	107	1.9	124	210	1,873	2.0	2,127	17.5	
Hyde	0	0	0.0	0	0	0	0.0	0	0	
Jackson	0	0	0.0	0	0	0	0.0	0	0	
Jerauld	1	9	0.2	10	0	0	0.0	0	0.0	
Jones	0	0	0.0	0	0	0	0.0	0	0	
Kingsbury	65	579	10.2	671	1,566	13,967	14.8	15,859	24.1	
Lake	42	374	6.6	434	1,135	10,123	10.7	11,494	27.1	
Lincoln	6	53	0.9	61	53	473	0.5	537	8.9	
Lyman	0	0	0.0	0	0	0	0.0	0	0	
McCook	23	205	3.6	238	437	3,898	4.1	4,426	19.0	
McPherson	2	18	0.3	21	10	89	0.1	101	4.9	
Marshall	11	98	1.7	114	153	1,365	1.4	1,550	13.9	
Meade	0	0	0.0	0	0	0	0.0	0	0	
Mellette	0	0	0.0	0	0	0	0.0	0	0	
Miner	13	116	2.0	135	304	2,711	2.9	3,078	23.4	
Moody	7	62	1.1	72	64	571	0.6	648	9.2	
Perkins	0	0	0.0	0	0	0	0.0	0	0	
Potter	4	36	0.6	42	56	499	0.5	567	13.9	
Roberts	4	36	0.6	42	22	196	0.2	223	5.4	
Sanborn	6	53	0.9	61	33	294	0.3	334	5.5	
Spink	15	134	2.4	155	245	2,185	2.3	2,481	16.3	
Stanley	1	9	0.2	10	2	18	0.0	20	2.0	
Sully	2	18	0.3	21	8	71	0.1	81	3.9	
Tripp	0	0	0.0	0	0	0	0.0	0	0	
Turner	14	125	2.2	145	77	687	0.7	780	5.5	
Union	8	71	1.2	82	95	847	0.9	962	11.9	
Walworth	1	9	0.2	10	0	0	0.0	0	0.0	
Ziebach	0	0	0.0	0	0	0	0.0	0	0	
Shannon	0	0	0.0	0	0	0	0.0	0	0	
Todd	0	0	0.0	0	0	0	0.0	0	0	
Unk/Unreported	102	909	-	-	1,433	12,781	-	-	14.1	
TOTALS:	741	6,601	100%	6,602	12,012	107,137	100%	107,136	16.23	

Last Revised: 29 July 08

* Includes unknown county projection values by assuming unknown county values are distributed the same as reported county values. Total values may be different due to rounding.

** Calculation uses "# projected" values without correction for unknown/unreported county values.

WHITE-FRONTED GEESE

The 2008 white-fronted goose season was open from 27 September - 21 December statewide. The daily bag limit was one goose and the season possession limit was two. To hunt white-fronted geese, residents were required to hold small game, 1-day small game, adult or junior combination, or youth small game licenses plus a migratory bird certification. Nonresidents were required to obtain a nonresident waterfowl license. All hunters age 16 and over were also required to obtain a federal waterfowl stamp.

Harvest surveys were sent to both resident and nonresident hunters. In 2008, there were a projected 1,246 hunters who hunted at least one day for white-fronted geese (903 residents, 343 nonresidents). From the survey responses, there was a projected total of 1,767 white-fronted geese harvested (1,571 by residents and 196 by nonresidents).

Comparison of the 1999 - 2008 white-fronted goose harvests:

Year	Resident Hunters				Nonresident Hunters			
	Number Hunters	Harvest	Ave Days Hunted	Ave Bag, Season	Number Hunters	Harvest	Ave Days Hunted	Ave Bag, Season
1999	1,080	2,192	n/a	2.03	58	263	n/a	4.54
2000	522	2,004	n/a	3.84	86	148	n/a	1.72
2001	2,156	1,833	7.13	0.85	564	243	4.33	0.43
2002	2,173	2,912	7.30	1.34	568	204	6.93	0.36
2003	2,580	2,890	5.77	1.12	624	349	4.27	0.56
2004	2,342	3,162	6.10	1.35	527	237	4.18	0.45
2005	1,216	1,167	6.45	0.96	401	92	5.23	0.23
2006	1,152	979	7.59	0.85	582	221	4.84	0.38
2007	971	757	8.00	0.78	357	96	4.82	0.27
2008	903	1,571	6.61	1.74	343	196	4.85	0.57

NOTE: Previous to 2001, the definition of a white-fronted goose hunter was one who bagged 1+ white-front. Starting in 2001, the definition was changed to a hunter who spent 1+ days hunting white-fronted geese. This definition increased the number of hunters and decreased the average season bag estimates, but not the overall harvest projections.

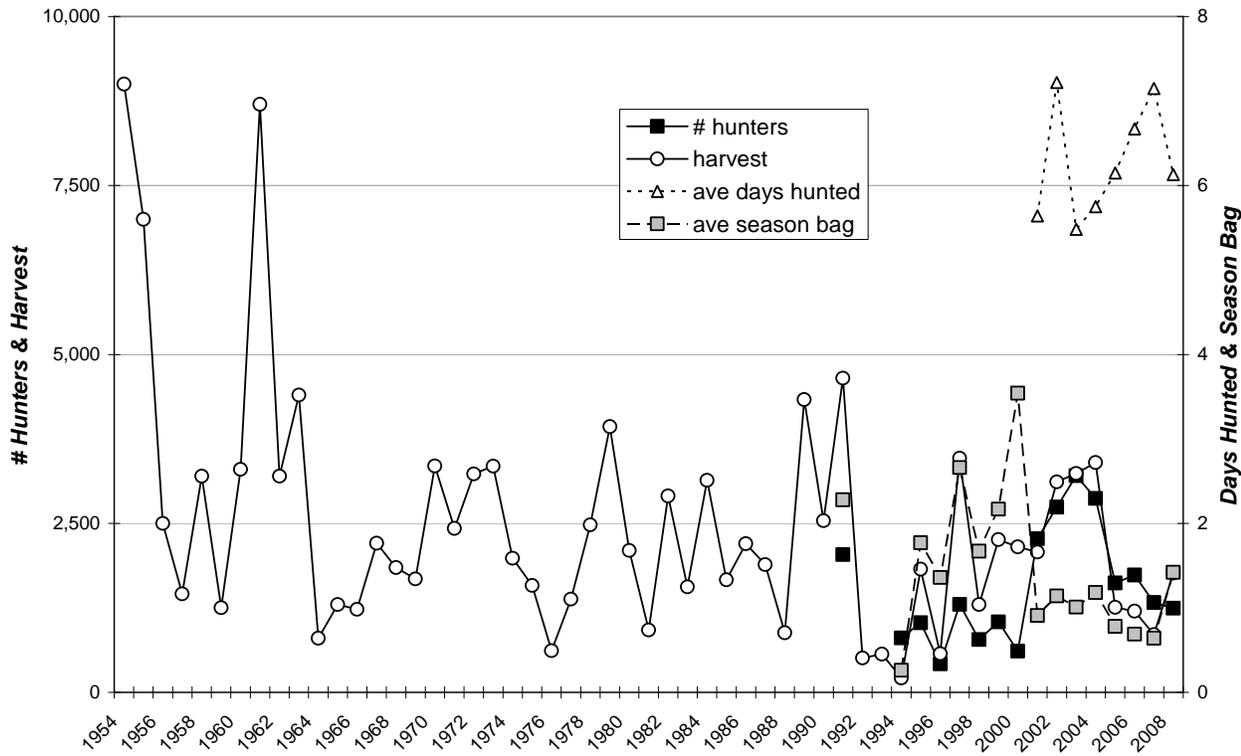
WHITE-FRONTED GOOSE HARVEST PROJECTIONS FOR 2008

Last Revised: 14 May 09

	Resident	Non Residents
No. Hunters Reporting White-fronted Goose Days	72	82
Total Reported White-fronted Goose Hunted Days	476	398
Average Days Hunted White-fronted Geese	6.61	4.85
Total Reported White-fronted Geese Bagged	125	47
Average White-fronted Goose Bag for Season	1.74	0.57
Projected Days White-fronted Hunting	5,969	1,664
Projected No. White-fronted Goose Hunters	903	343
Projected White-fronted Goose Bag	1,571	196
TOTAL WHITE-FRONTED GOOSE HARVEST = 1,767		
White-fronted Goose Hunter Mean Satisfaction Score *1*	5.40	4.90

1 Based on scale of 1-7 with 1=very dissatisfied & 7=very satisfied

STATEWIDE WHITE-FRONTED GOOSE HARVEST, 1954-2008



MOURNING DOVE

The 2008 mourning dove season was open 1 September -30 October statewide. The daily limit was 15 birds, possession 30. To hunt doves, residents were required to hold a small game, 1-day small game, adult or junior combination, or youth small game license; nonresidents were required to obtain a nonresident small game, nonresident youth small game, or nonresident shooting preserve license. All hunters were also required to purchase a Migratory Bird Certificate.

In 2008, 32,317 resident and 104,899 nonresident licenses were issued to hunt doves. Approximately 15% of the resident migratory bird hunters and 8% of nonresident small game hunters were surveyed for the mourning dove season. Survey response rates were 69% for residents and 71% for nonresidents.

Based on survey responses indicating at least one day of hunting doves, there were an estimated 7,719 active dove hunters.

A projected total of 132,152 doves were harvested during the 2008 season. When asked their satisfaction on the season, (1 being least, 7 being most satisfied), resident dove hunters reported an average satisfaction rating of 5.01, nonresidents 6.00.

Summary comparison of the 2000 - 2008 mourning dove seasons

Year	<i>Resident Hunters</i>					<i>Nonresident Hunters</i>				
	<i>Number Hunters</i>	<i>Harvest</i>	<i>Ave Day Hunted</i>	<i>Ave Bag</i>	<i>Satisfaction</i>	<i>Number Hunters</i>	<i>Harvest</i>	<i>Ave Day Hunted</i>	<i>Ave Bag</i>	<i>Satisfaction</i>
2000	11,881	191,759	5.16	16.14	4.51	NA	NA	NA	NA	NA
2001	11,990	198,195	4.75	16.53	4.66	231	2,804	1.00	12.14	4.50
2002	10,599	193,114	4.49	18.22	4.72	536	8,876	2.81	16.56	5.75
2003	12,060	225,522	4.79	18.70	4.84	452	9,415	3.50	20.83	6.58
2004	10,240	174,899	4.48	17.08	4.26	339	6,366	3.89	18.78	4.86
2005	9,568	159,690	4.48	16.69	4.60	344	3,268	4.25	9.50	5.87
2006	8,919	150,820	4.13	16.91	4.96	134	1,723	3.57	12.86	6.57
2007	7,722	125,174	4.19	16.21	4.98	439	10,694	3.86	24.36	5.79
2008	7,346	125,102	4.39	17.03	5.01	373	7,050	3.40	18.90	6.00

MOURNING DOVE HARVEST PROJECTIONS FOR 2008

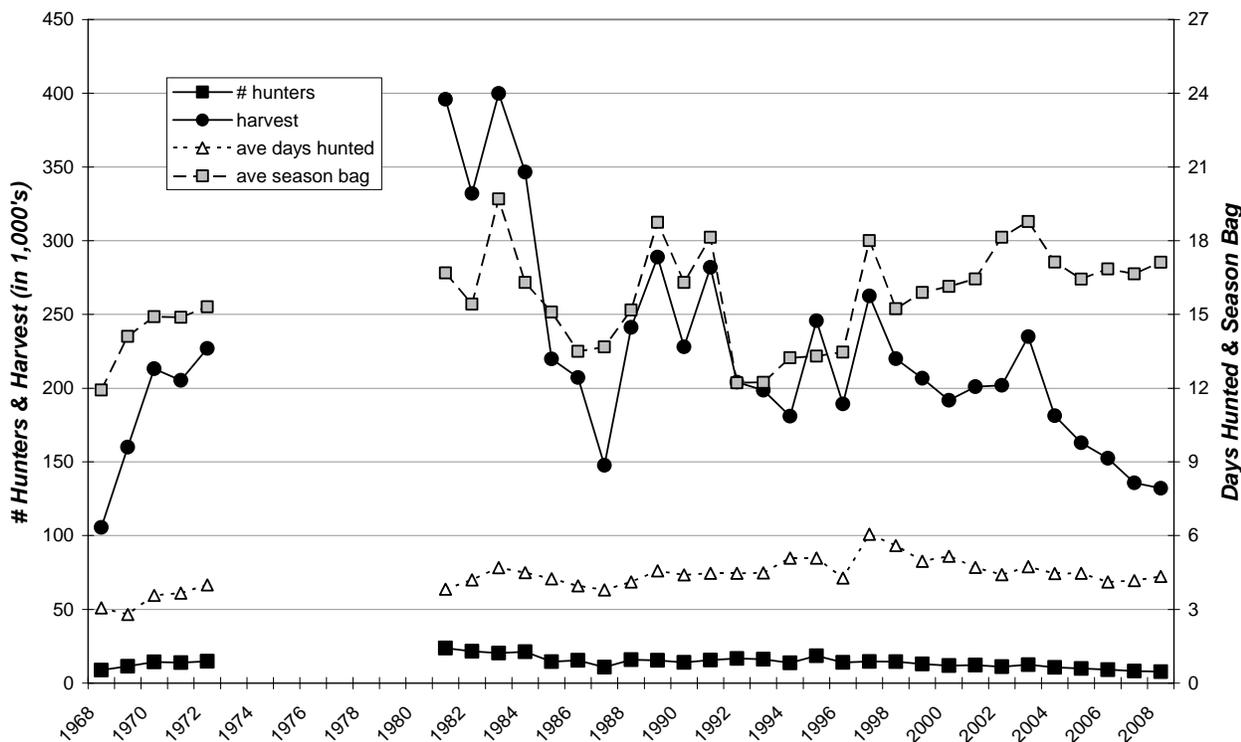
Last Revised: 12 May 2009

	Resident	Non Residents
Licenses Sold *	32,317	104,899
Projected ACTIVE MOURNING DOVE HUNTERS	7,346	373
Number Sampled by Survey	3,714	7,713
Number Responded to Survey	2,578	5,482
Responded and Participated in Season	586	20
Responded but DID NOT HUNT	1,992	5,462
Survey Response Rate	69.4%	71.1%
No. Hunters Reporting Dove Days	586	20
Total Reported Dove Hunted Days	2,573	68
Average Days Hunted Doves	4.39	3.40
Total Reported Doves Bagged	9,982	378
Average Dove Bag for Season	17.03	18.90
Projected Days Dove Hunting	32,249	1,268
Projected No. Dove Hunters	7,346	373
Projected Dove Bag	125,102	7,050
Avg Days Hunted		4.34
TOTAL DOVE HARVEST =		132,152
Dove Hunter Mean Satisfaction Score *1*	5.01	6.00

* Nonresident number represents total number of small game licenses sold.

1 Based on scale of 1-7 with 1=very dissatisfied & 7=very satisfied.

STATEWIDE MOURNING DOVE HARVEST, 1968-2008



SANDHILL CRANE

Note: South Dakota does not survey crane hunters. All numbers provided within this section were obtained through the US Fish & Wildlife Service, Waterfowl Harvest Surveys Section, Laurel, MD, or through the Division of Migratory Bird Management, Denver, CO.

The 2008 sandhill crane season covered 27 September -23 November west of US 281. The daily limit was 3 birds, possession 6. To hunt cranes, residents were required to hold small game, 1-day small game, adult or junior combination, or youth small game licenses plus a migratory bird certification. Nonresidents were required to obtain a nonresident waterfowl, a nonresident small game, or a nonresident youth small game license plus a migratory bird certification.

Comparison of the 2000 - 2008 sandhill crane harvests

<i>Year</i>	<i>Number of Hunters</i>	<i>Harvest</i>	<i>Ave Days Hunted</i>	<i>Ave Season Bag</i>
2000	209	374	N/A	1.79
2001	145	478	2.71	3.30
2002	144	160	2.38	1.11
2003	114	166	2.16	1.46
2004	79	67	3.44	0.85
2005	165	190	3.51	1.15
2006	144	202		
2007*	57*	163*		
2008	**	**		

*2007 estimates are preliminary.

**2008 estimates were not available at the time of printing.

2008 Harvest Survey Response Rates

Survey Title	Overall Response*	Proportion	
		Internet	Mail-return
Migratory Bird	70.3%	17.7%	82.3%
Nonresident Early Fall Canada Goose	77.8%	21.5%	78.5%
Nonresident Small Game	71.9%	17.4%	82.6%
Nonresident Waterfowl	80.1%	41.9%	58.1%
Resident Small Game	69.1%	22.3%	77.7%
Special Canada Goose	87.9%	29.7%	70.3%
Spring Light Goose	75.5%	21.6%	78.4%
Tundra Swan	86.4%	21.6%	78.4%
Upland Game Late Season	80.5%	20.2%	79.8%

*Note: Due to late responses received through the Internet, final response rates may be higher than those reported in previous sections. Late responses were not included in data summaries or analysis.