South Dakota
GAME REPORT

No. 2007 – 04

2006

Annual Report

SMALL GAME, UPLAND BIRD & MIGRATORY GAME BIRD HARVEST PROJECTIONS

Corey Huxoll

Game Harvest Surveys Coordinator
South Dakota Department of Game, Fish and Parks
Division of Wildlife
Joe Foss Building, 523 E. Capitol Ave.
Pierre, South Dakota 57501-3182

PREFACE

Harvest estimates reported herein for the 2006 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 Wrede, (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
squirrel season trends 3
cottontail season trends 4

UPLAND BIRD

Pheasant -- season summary 5
harvest projections 6
regular opening weekend participation & bag 7
resident-only opening weekend participation & bag 7
youth-only season participation 7
resident harvest distribution 8
nonresident harvest distribution 9
season participation & harvest trends 10
season harvest & bag trends 10

Partridge -- season summary 11
harvest projections 11
season trends 12
resident harvest distribution 13
nonresident harvest distribution 14

Prairie Chicken & Sharptail Grouse -- season summary 15
harvest projections 16
season trends 16
resident harvest distribution 17
nonresident harvest distribution 18

Sage Grouse -- season summary 19

Northern Bobwhite -- season summary 21
harvest projections 21
season trends 22

WATERFOWL

Waterfowl Hunter Summary 23
harvest projections 23
hunter distribution by county 24

Tundra Swan -- season summary 25
harvest projections 25
harvest distribution by date 26
harvest summary by residency 27
season trends 27

Ducks (all species) -- season summary 28
harvest projections 29
season trends 30
hunter participation trends 30

Canada Geese, All Seasons -- season summary 31
harvest projections 32
season trends 32

Canada Geese, Early Fall Season -- season summary 33
harvest projections 34
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

White-fronted Geese -- season summary 42
harvest projections 42
season trends 43

OTHER GAME BIRDS

Mourning Dove -- season summary 44
harvest projections 44
season trends 45

Sandhill Crane -- season summary 46
season trends 46

Coot -- season summary 47

Common Snipe -- season summary 47

HARVEST SURVEY RESPONSE RATES 48

Statewide Combined Harvest

2006 Statewide Small Game, Upland Bird, & Migratory Game Bird Harvest Projection Summary

last revised: 6 June 07

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	Sandhill Crane *	American Coot *	Common Snipe *	Grand Totals
Licenses/Tags	**Upland Game**		**Upland Birds**				**Waterfowl**								**Other Migratory Game Birds**				
Resident																			
Licenses Available	unlim.	unlim.	unlim.	unlim.	unlim.	unlim.	1,100	unlim.	unlim.	unlim.	800	unlim.	unlim.	unlim.	unlim.	unlim.	unlim.	unlim.	
Proj. Active/Sold/Issued	9,617	3,503	79,955	2,551	7,836	364	635	14,531	16,103	5,832	800	6,316	3,764	1,152	8,919	unavail.	unavail.	unavail.	
Nonresident																			
Licenses Available	unlim.	unlim.	unlim.	unlim.	unlim.	unlim.	200	unlim.	unlim.	unlim.	n/a	unlim.	unlim.	unlim.	unlim.	unlim.	unlim.	unlim.	
Proj. Active/Sold/Issued	2,236	115	98,213	2,045	6,135	554	166	4,349	2,789	263	n/a	1,315	3,150	582	134	unavail.	unavail.	unavail.	
Totals																			
Licenses Available	unlim.	unlim.	unlim.	unlim.	unlim.	unlim.	1,300	unlim.	unlim.	unlim.	800	unlim.	unlim.	unlim.	unlim.	unlim.	unlim.	unlim.	
Proj. Active/Sold/Issued	11,853	3,618	178,168	4,596	13,971	918	801	18,880	18,892	6,095	800	7,631	6,914	1,734	9,053	unavail.	UNK	UNK	
Hunting Recreation																			
Residents																			
Average Days Hunted	6.91	6.77	7.63	6.87	4.02	5.61	4.80	7.26	7.53	3.05	1.35	6.12	4.40	7.59	4.13	unavail.	unavail.	unavail.	
Total Days Hunted	66,453	23,715	610,057	17,525	31,501	2,042	2,350	105,495	121,256	17,793	1,080	38,654	21,767	8,744	36,835	unavail.	unavail.	unavail.	1,086,394
Average Season Bag	11.00	5.65	11.03	1.95	3.48	1.61	0.21	14.03	7.35	4.18	1.42	12.70	10.31	0.85	16.91	unavail.	unavail.	unavail.	
Mean Satisfaction Score	2.92	3.07	4.99	4.99	4.99	4.99	4.90	4.95	4.95	4.79	5.48	5.00	-	5.02	4.96	unavail.	unavail.	unavail.	
Nonresidents																			
Average Days Hunted	4.00	3.17	4.29	4.23	3.92	3.62	5.30	4.74	4.03	3.94	-	4.20	3.73	4.84	3.57	unavail.	unavail.	unavail.	
Total Days Hunted	8,944	365	421,334	8,650	24,049	2,005	614	20,179	11,240	1,036	-	5,413	13,262	2,817	478	unavail.	unavail.	unavail.	519,350
Average Season Bag	4.49	1.83	9.82	1.80	2.22	2.21	0.15	11.94	2.66	5.27	-	5.02	13.65	0.38	12.86	unavail.	unavail.	unavail.	
Mean Satisfaction Score	5.74	5.74	5.71	5.71	5.71	5.71	5.00	5.21	5.21	5.08	-	5.14	-	5.14	6.57	unavail.	unavail.	unavail.	
Total Days Hunted	75,397	24,080	1,031,391	26,175	55,550	4,047	2,964	125,674	132,496	18,829	1,080	44,067	35,029	11,561	37,313	unavail.	UNK	UNK	1,605,744
Harvest																			
Residents	105,787	19,792	881,904	4,974	27,269	586	131	203,870	118,357	24,368	1,136	80,213	51,027	979	150,820	unavail.	unavail.	unavail.	
Nonresidents	10,040	210	964,452	3,681	13,620	1,224	31	50,975	7,419	1,387	-	6,522	48,520	221	1,723	unavail.	unavail.	unavail.	
Total	115,827	20,002	1,846,356	8,655	40,889	1,810	162	254,845	125,776	25,755	1,136	86,735	99,547	1,200	152,543	unavail.	UNK	UNK	

** South Dakota does not survey for these species, estimates provided by USFWS sources not available at time of printing.*

*** Preliminary estimates.*

COTTONTAIL & SQUIRREL

The 2006 cottontail rabbit and squirrel seasons covered 1 September 2006 - 28 February 2007. 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 2006, there were 94,047 residents and 99,455 nonresidents licensed to hunt upland game. Approximately 8.1% of residents and 7.7% of nonresidents were surveyed for the upland game seasons. Survey response rates were 61.0% for residents and 68.1% for nonresidents.

Based on survey responses indicating at least one day of hunting cottontail, there were a projected 9,617 resident and 2,236 nonresident cottontail hunters. Based on survey responses indicating at least one day of hunting squirrels, there were a projected 3,503 resident and 115 nonresident hunters. An estimated 115,827 cottontails and 20,002 squirrels were harvested during the 2006 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 5.38, while nonresidents reported a higher rating of 5.74.

Comparison of the 1997 - 2006 cottontail and squirrel harvests

	Cottontails				***Squirrels***			
	Hunters		***Harvest***		***Hunters***		***Harvest***	
Year	***Resident***	***Nonres***	***Resident***	***Nonres***	***Resident***	***Nonres***	***Resident***	***Nonres***
1997	11,842	350	86,225	490	7,427	140	46,094	70
1998	8,677	609	96,314	1,891	4,941	39	50,866	39
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

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.

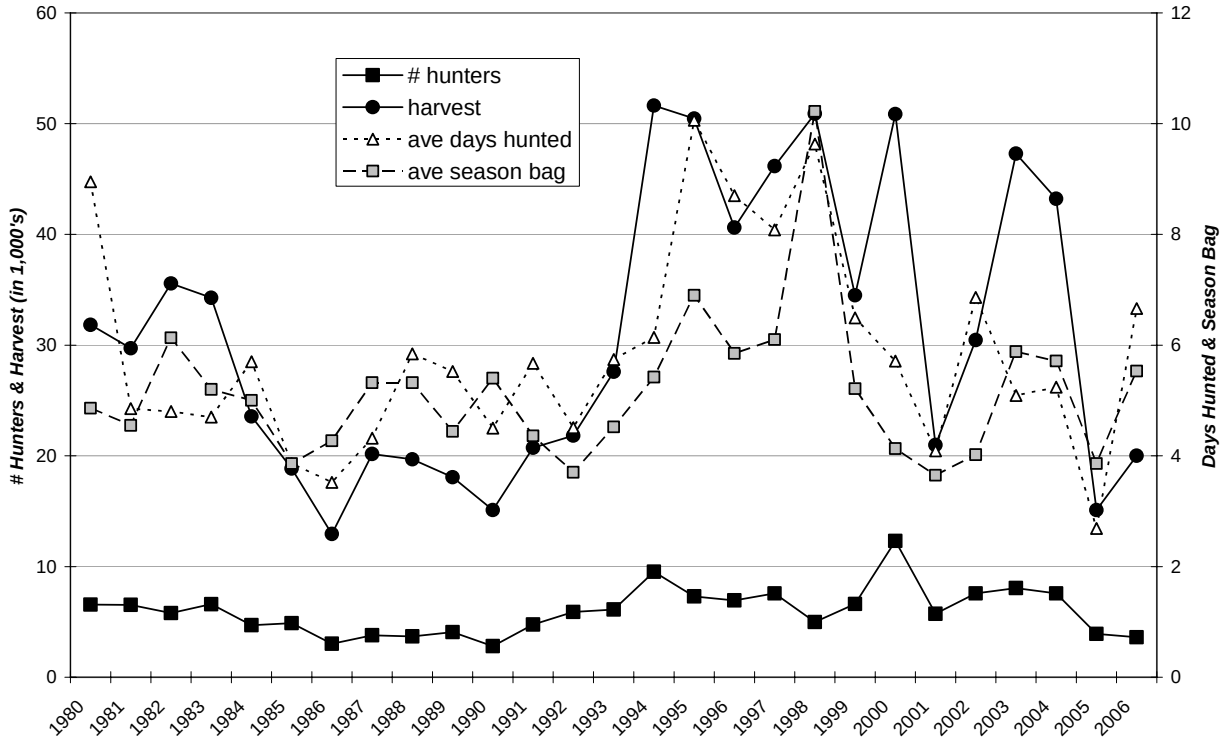
UPLAND GAME HARVEST PROJECTIONS FOR 2006

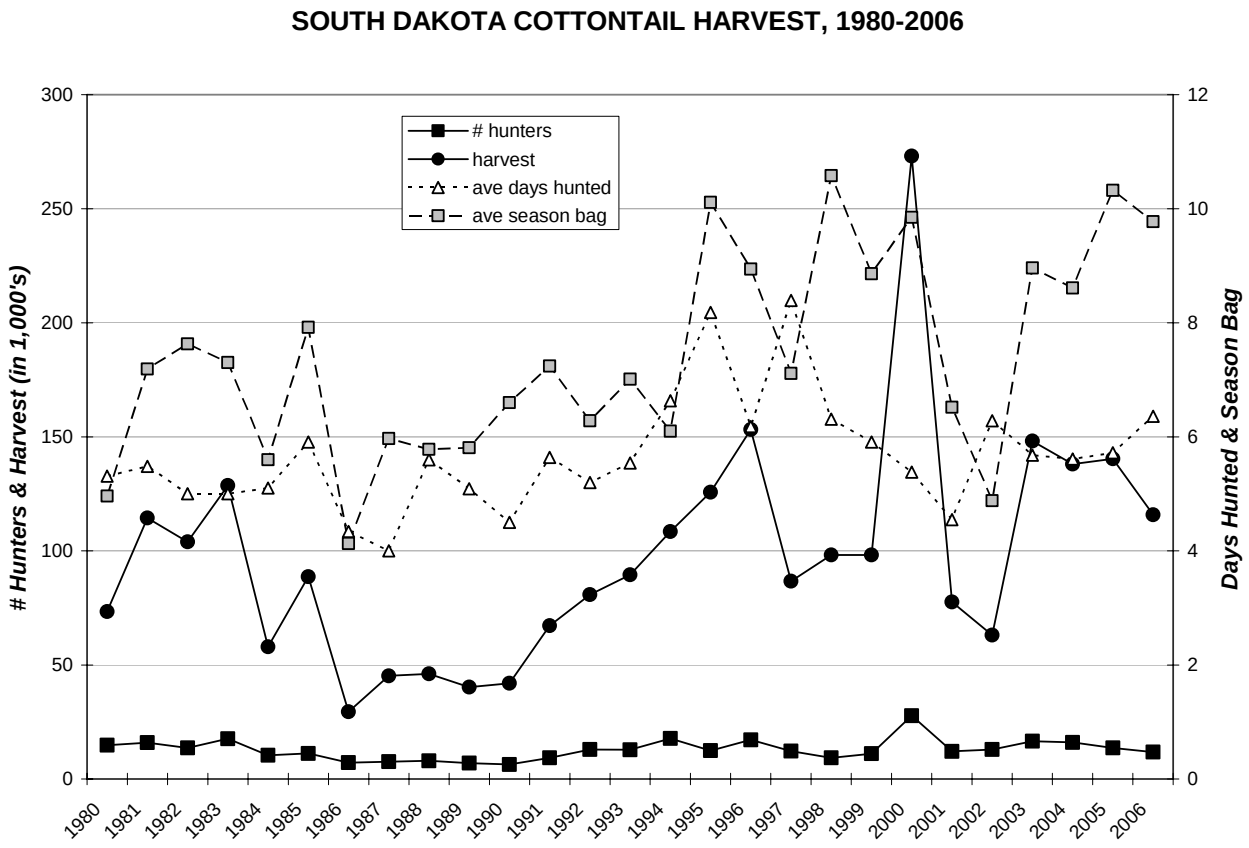
Last Revised: 8 June 07

	RESIDENT TOTALS BY LICENSE TYPE					NONRESIDENT TOTALS		
	Small Game	Comb-ination	Junior Combo	Youth SmGm	Sum Estimates	Non Res Sm Game	Youth Sm Gm	Sum Estimates
Licenses Sold	36,386	41,879	7,988	7,794	**94,047**	96,148	3,307	**99,455**
Projected ACTIVE UPLAND GAME HUNTERS	**2,278**	**4,756**	**1,241**	**1,642**	**9,917**	**2,059**	**185**	**2,244**
Number Sampled by Survey	2,884	3,442	612	678	**7,616**	7,364	281	**7,645**
Number Responded to Survey	1,645	2,316	309	375	**4,645**	5,043	161	**5,204**
Responded and Participated in Season	103	263	48	79	**493**	108	9	**117**
Responded but DID NOT HUNT upland game	**1,542**	**2,053**	**261**	**296**	**4,152**	**4,935**	**152**	**5,087**
Survey Response Rate	**57.0%**	**67.3%**	**50.5%**	**55.3%**	**61.0%**	**68.5%**	**57.3%**	**68.1%**
Number Hunters Reporting Cottontail Days	100	255	47	73	**475**	108	9	**117**
Sum Cottontail Hunted Days	475	1,906	377	524	**3,282**	435	33	**468**
Average Days Hunted Cottontails	**4.75**	**7.47**	**8.02**	**7.18**	**6.91**	**4.03**	**3.67**	**4.00**
Sum Cottontails Bagged	905	3,081	458	782	**5,226**	473	52	**525**
Average Cottontail Bag for Season	**9.05**	**12.08**	**9.74**	**10.71**	**11.00**	**4.38**	**5.78**	**4.49**
Projected Days Cottontail Hunting	**10,507**	**34,444**	**9,744**	**10,892**	**66,453**	**8,298**	**679**	**8,944**
Projected Number Cottontail Hunters	**2,212**	**4,611**	**1,215**	**1,517**	**9,617**	**2,059**	**185**	**2,236**
Projected Cottontail Bag	**20,019**	**55,701**	**11,834**	**16,247**	**105,787**	**9,018**	**1,069**	**10,040**
					TOTAL COTTONTAIL HARVEST =	***115,827***		
Number Hunters Reporting Squirrel Days	30	89	18	36	**173**	6	0	**6**
Sum Squirrel Hunted Days	123	662	157	229	**1,171**	19	0	**19**
Average Days Hunted Squirrels	**4.10**	**7.44**	**8.72**	**6.36**	**6.77**	**3.17**		**3.17**
Sum Squirrels Bagged	162	534	118	164	**978**	11	0	**11**
Average Squirrel Bag for Season	**5.40**	**6.00**	**6.56**	**4.56**	**5.65**	**1.83**		**1.83**
Projected Days Squirrel Hunting	**2,722**	**11,971**	**4,055**	**4,757**	**23,715**	**361**		**365**
Projected Number Squirrel Hunters	**664**	**1,609**	**465**	**748**	**3,503**	**114**	**0**	**115**
Projected Squirrels Bag	**3,586**	**9,654**	**3,050**	**3,411**	**19,792**	**209**	**0**	**210**
					TOTAL SQUIRREL HARVEST =	***20,002***		
Mean Satisfaction Score *	5.05	5.58	5.06	5.37	5.38	5.76	5.56	5.74

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

SOUTH DAKOTA SQUIRREL HARVEST, 1980-2006




SOUTH DAKOTA COTTONTAIL HARVEST, 1980-2006
hunters
harvest
ave days hunted
ave season bag
Hunters & Harvest (in 1,000's)
Days Hunted & Season Bag
0
50
100
150
200
250
300
0
2
4
6
8
10
12
1980
1981
1982
1983
1984
1985
1986
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1998
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2003
2004
2005
2006

PHEASANT

The 2006 pheasant season covered 21 October 2006 – 7 January 2007 statewide except for Butte, Meade, and Lawrence counties, and the portion of Pennington County west of the Cheyenne River where the season closed 5 November. There was also a special Youth season open 7-8 October on public and private land and an early residents-only season open 14-16 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 2006, there were 94,047 residents and 99,455 nonresidents licensed to hunt pheasants. Approximately 8.1% of residents and 7.7% of nonresidents were surveyed for the upland bird seasons. Survey response rates were 61.0% for residents and 68.1% for nonresidents.

Based on survey responses indicating at least one day of hunting pheasants, there were a projected 79,955 resident (32,559 small game, 34,302 combination, 5,972 youth small game, 7,254 junior combination) and 98,213 nonresident (95,138 small game, 3,061 youth small game) pheasant hunters.

From the survey responses, a projected total of 1,846,356 pheasants were harvested (881,904 by residents, 964,452 by nonresidents) during the 2006 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 4.99 while nonresidents reported a higher satisfaction rating of 5.71.

Approximately 24,944 residents participated in the early, resident-only season. The projected harvest for this season was 49,639 birds. Over 65% of the resident and over 29% of the nonresident pheasant hunters reported participation in the regular opening weekend of the 2006 pheasant season. The projected pheasant harvest for the opening weekend was 293,351 (155,607 by residents, 137,744 by nonresidents).

The Youth-only season (7-8 October) overall participation rate was approximately 8% (5.6% Combination license, 6.7% Small Game, 4.2% Junior Combination, 34.9% Youth Small Game); nonresidents were not surveyed on their participation in this season.

Comparison of the 1997 - 2006 Pheasant season statistics

	Resident Hunters					***Nonresident Hunters***				
Year	***Number Hunters***	***Harvest***	***Ave Day Hunted***	***Ave Bag***	***Satis-faction***	***Number Hunters***	***Harvest***	***Ave Day Hunted***	***Ave Bag***	***Satis-faction***
1997	70,573	525,504	6.37	7.56	N/A	42,808	395,213	4.23	9.25	N/A
1998	74,727	603,355	6.90	8.27	4.33	60,364	581,767	4.44	9.66	5.22
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

PHEASANT HARVEST PROJECTIONS FOR 2006

Revised: 30 April 07

	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	36,386	41,879	7,988	7,794	**94,047**	96,148	3,307	**99,455**
Projected ACTIVE UPLAND BIRD HUNTERS	**32,781**	**34,646**	**5,997**	**7,254**	**80,563**	**95,443**	**3,102**	**98,545**
Number Sampled by Survey	2,884	3,442	612	678	**7,616**	7,364	281	**7,645**
Number Responded to Survey	1,645	2,316	309	375	**4,645**	5,043	161	**5,204**
Responded and Participated in Season	**1,482**	**1,916**	**232**	**349**	**3,979**	**5,006**	**151**	**5,157**
Responded but DID NOT HUNT	163	400	77	26	**666**	37	10	**47**
Survey Response Rate	**57.0%**	**67.3%**	**50.5%**	**55.3%**	**61.0%**	**68.5%**	**57.3%**	**68.1%**
No. Hunters Reporting Pheasant Days	1,472	1,897	231	349	**3,949**	4,990	149	**5,139**
Sum Pheasant Hunted Days	9,812	15,727	1,829	2,780	**30,148**	21,491	550	**22,041**
Average Days Hunted Pheasants	**6.67**	**8.29**	**7.92**	**7.97**	**7.63**	**4.31**	**3.69**	**4.29**
Sum Pheasants Bagged	14,249	24,283	2,391	2,630	**43,553**	49,502	958	**50,460**
Average Pheasant Bag for Season	**9.68**	**12.80**	**10.35**	**7.54**	**11.03**	**9.92**	**6.43**	**9.82**
Projected Days Pheasant Hunting	**217,169**	**284,364**	**47,298**	**57,814**	**610,057**	**410,045**	**11,295**	**421,334**
Projected No. Pheasant Hunters	**32,559**	**34,302**	**5,972**	**7,254**	**79,955**	**95,138**	**3,061**	**98,213**
Projected Pheasant Bag	**315,171**	**439,066**	**61,810**	**54,695**	**881,904**	**943,769**	**19,682**	**964,452**
					TOTAL PHEASANT HARVEST =	**1,846,356**		
RESIDENT-ONLY OPENING WEEKEND:								
No. Hunters Reporting Pheasant Days	347	638	84	163	**1,232**	-	-	-
Sum Pheasant Hunted Days	530	943	129	257	**1,859**	-	-	-
Average Days Hunted Pheasants	**1.53**	**1.48**	**1.54**	**1.58**	**1.51**	-	-	-
Sum Pheasants Bagged	685	1,396	159	209	**2,449**	-	-	-
Average Pheasant Bag for Weekend	**1.97**	**2.19**	**1.89**	**1.28**	**1.99**	-	-	-
Projected Days Pheasant Hunting	**11,743**	**17,075**	**3,343**	**5,353**	**37,665**	-	-	-
Projected No. Pheasant Hunters	**7,675**	**11,537**	**2,171**	**3,388**	**24,944**	-	-	-
Projected Pheasant Bag	**15,120**	**25,266**	**4,103**	**4,337**	**49,639**	-	-	-
					RESIDENT-ONLY WEEKEND PHEASANT HARVEST =	**49,639**		
REGULAR OPENING WEEKEND:								
No. Hunters Reporting Pheasant Days	919	1,263	155	242	**2,579**	1,489	38	**1,527**
Sum Pheasant Hunted Days	1,512	2,076	252	386	**4,226**	2,884	70	**2,954**
Average Days Hunted Pheasants	**1.65**	**1.64**	**1.63**	**1.60**	**1.64**	**1.94**	**1.84**	**1.93**
Sum Pheasants Bagged	2,775	3,996	423	499	**7,693**	7,057	151	**7,208**
Average Pheasant Bag for Season	**3.02**	**3.16**	**2.73**	**2.06**	**2.98**	**4.74**	**3.97**	**4.72**
Projected Days Pheasant Hunting	**33,540**	**37,454**	**6,531**	**8,048**	**85,636**	**55,075**	**1,437**	**56,323**
Projected No. Pheasant Hunters	**20,327**	**22,838**	**4,007**	**5,030**	**52,217**	**28,389**	**781**	**29,183**
Projected Pheasant Bag	**61,388**	**72,168**	**10,939**	**10,362**	**155,607**	**134,564**	**3,101**	**137,744**
					REGULAR OPENING WEEKEND PHEASANT HARVEST =	**293,351**		
Upland Bird Hunters Mean Satisfaction Score **	4.90	5.06	4.82	5.03	4.99	5.71	5.61	5.71

** Totals greater than licenses sold because many utilized more than one land type during season.*
*** Based on scale of 1-7 with 1="very dissatisfied" and 7="very satisfied"*

OPENING WEEKEND 2006 PHEASANT SEASON PARTICIPATION AND BAG

Last Revised: 30 May 07

	# Days Hunted	# Responded	% of Total	Ave. Bag
Res.	0	2,066	44.5%	
	1	932	20.1%	1.77
	2	1,647	35.5%	4.46
NonRes.	0	3,677	70.7%	
	1	100	1.9%	2.44
	2	1,427	27.4%	5.23

2006 YOUTH-ONLY PHEASANT SEASON PARTICIPATION

Last Revised: 30 May 07

License Type	Number Participated	Did Not Participate	Percent Participated
Small Game	92	1,552	5.6%
Combination	156	2,158	6.7%
Youth Small Game	131	244	34.9%
Junior Combination	13	295	4.2%
Total	392	4,249	8.4%

RESIDENT-ONLY WEEKEND 2006 PHEASANT SEASON PARTICIPATION AND BAG

Last Revised: 30 May 07

	# Days Hunted	# Responded	% of Total	Ave. Bag
Residents	0	3,413	73.5%	
	1	702	15.1%	1.49
	2	433	9.3%	3.47
	3	97	2.1%	5.70

Resident Pheasant Harvest Distribution by County 2006

	HUNTER DISTRIBUTION				HARVEST DISTRIBUTION				
COUNTY	***# Reported***	***# Projected***	***% of Total***	***# Proj w/ Unk ****	***# Reported***	***# Projected***	***% of Total***	***# Proj w/ Unk ****	***Birds/Hunter *****
Minnehaha	139	2,814	3.8	3,008	1,019	20,634	2.4	21,457	7.3
Pennington	19	385	0.5	412	66	1,336	0.2	1,389	3.5
Brown	214	4,333	5.8	4,632	2,568	51,999	6.1	54,072	12.0
Beadle	152	3,078	4.1	3,290	2,170	43,940	5.2	45,692	14.3
Codington	124	2,511	3.4	2,684	1,757	35,577	4.2	36,996	14.2
Brookings	149	3,017	4.0	3,225	2,276	46,087	5.4	47,925	15.3
Yankton	56	1,134	1.5	1,212	463	9,375	1.1	9,749	8.3
Davison	96	1,944	2.6	2,078	880	17,819	2.1	18,530	9.2
Lawrence	1	20	0.0	21	9	182	0.0	189	9.1
Aurora	95	1,923	2.6	2,056	1,233	24,967	2.9	25,963	13.0
Bennett	29	587	0.8	628	121	2,450	0.3	2,548	4.2
Bon Homme	38	769	1.0	822	208	4,212	0.5	4,380	5.5
Brule	74	1,498	2.0	1,601	680	13,769	1.6	14,318	9.2
Buffalo	14	283	0.4	303	288	5,832	0.7	6,065	20.6
Butte	8	162	0.2	173	34	688	0.1	715	4.2
Campbell	26	526	0.7	562	202	4,090	0.5	4,253	7.8
Charles Mix	110	2,227	3.0	2,381	1,195	24,198	2.9	25,163	10.9
Clark	97	1,964	2.6	2,100	1,519	30,758	3.6	31,984	15.7
Clay	39	790	1.1	845	233	4,718	0.6	4,906	6.0
Corson	6	121	0.2	129	101	2,045	0.2	2,127	16.9
Custer	1	20	0.0	21	4	81	0.0	84	4.1
Day	83	1,680	2.2	1,796	879	17,799	2.1	18,509	10.6
Deuel	48	972	1.3	1,039	670	13,567	1.6	14,108	14.0
Dewey	15	304	0.4	325	115	2,329	0.3	2,422	7.7
Douglas	49	992	1.3	1,060	367	7,431	0.9	7,727	7.5
Edmunds	85	1,721	2.3	1,840	1,302	26,364	3.1	27,415	15.3
Fall River	8	162	0.2	173	83	1,681	0.2	1,748	10.4
Faulk	44	891	1.2	953	604	12,230	1.4	12,718	13.7
Grant	58	1,174	1.6	1,255	584	11,825	1.4	12,297	10.1
Gregory	49	992	1.3	1,060	516	10,448	1.2	10,865	10.5
Haakon	20	405	0.5	433	134	2,713	0.3	2,821	6.7
Hamlin	75	1,519	2.0	1,624	935	18,933	2.2	19,688	12.5
Hand	86	1,741	2.3	1,861	1,030	20,856	2.5	21,688	12.0
Hanson	34	688	0.9	735	302	6,115	0.7	6,359	8.9
Harding	4	81	0.1	87	22	445	0.1	463	5.5
Hughes	80	1,620	2.2	1,732	817	16,543	2.0	17,203	10.2
Hutchinson	59	1,195	1.6	1,277	472	9,558	1.1	9,939	8.0
Hyde	23	466	0.6	498	232	4,698	0.6	4,885	10.1
Jackson	7	142	0.2	152	39	790	0.1	821	5.6
Jerauld	36	729	1.0	779	448	9,072	1.1	9,434	12.4
Jones	23	466	0.6	498	252	5,103	0.6	5,306	11.0
Kingsbury	93	1,883	2.5	2,013	1,166	23,610	2.8	24,551	12.5
Lake	96	1,944	2.6	2,078	812	16,442	1.9	17,098	8.5
Lincoln	56	1,134	1.5	1,212	255	5,163	0.6	5,369	4.6
Lyman	85	1,721	2.3	1,840	993	20,107	2.4	20,909	11.7
McCook	74	1,498	2.0	1,601	784	15,875	1.9	16,508	10.6
McPherson	24	486	0.6	520	187	3,787	0.4	3,938	7.8
Marshall	47	952	1.3	1,018	506	10,246	1.2	10,655	10.8
Meade	6	121	0.2	129	64	1,296	0.2	1,348	10.7
Mellette	5	101	0.1	108	35	709	0.1	737	7.0
Miner	92	1,863	2.5	1,992	1,484	30,049	3.5	31,247	16.1
Moody	72	1,458	1.9	1,559	824	16,685	2.0	17,350	11.4
Perkins	27	547	0.7	585	244	4,941	0.6	5,138	9.0
Potter	41	830	1.1	887	451	9,132	1.1	9,496	11.0
Roberts	55	1,114	1.5	1,191	738	14,944	1.8	15,540	13.4
Sanborn	77	1,559	2.1	1,667	764	15,470	1.8	16,087	9.9
Spink	143	2,895	3.9	3,095	2,271	45,985	5.4	47,819	15.9
Stanley	30	607	0.8	649	216	4,374	0.5	4,548	7.2
Sully	55	1,114	1.5	1,191	649	13,142	1.5	13,666	11.8
Tripp	81	1,640	2.2	1,753	1,031	20,877	2.5	21,709	12.7
Turner	61	1,235	1.7	1,320	464	9,396	1.1	9,771	7.6
Union	44	891	1.2	953	368	7,452	0.9	7,749	8.4
Walworth	46	931	1.2	995	688	13,931	1.6	14,486	15.0
Ziebach	5	101	0.1	108	37	749	0.1	779	7.4
Shannon	1	20	0.0	21	6	121	0.0	126	6.1
Todd	5	101	0.1	108	17	344	0.0	358	3.4
Unk/Unreported	255	5,163	-	-	1,670	33,816	-		6.5
TOTALS:	***3,949***	***79,955***	***100%***	***79,953***	***43,553***	***881,904***	***100%***	***881,903***	***11.03***

Last Revised: 29 March 07

** 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.*

Nonresident Pheasant Harvest Distribution by County 2006

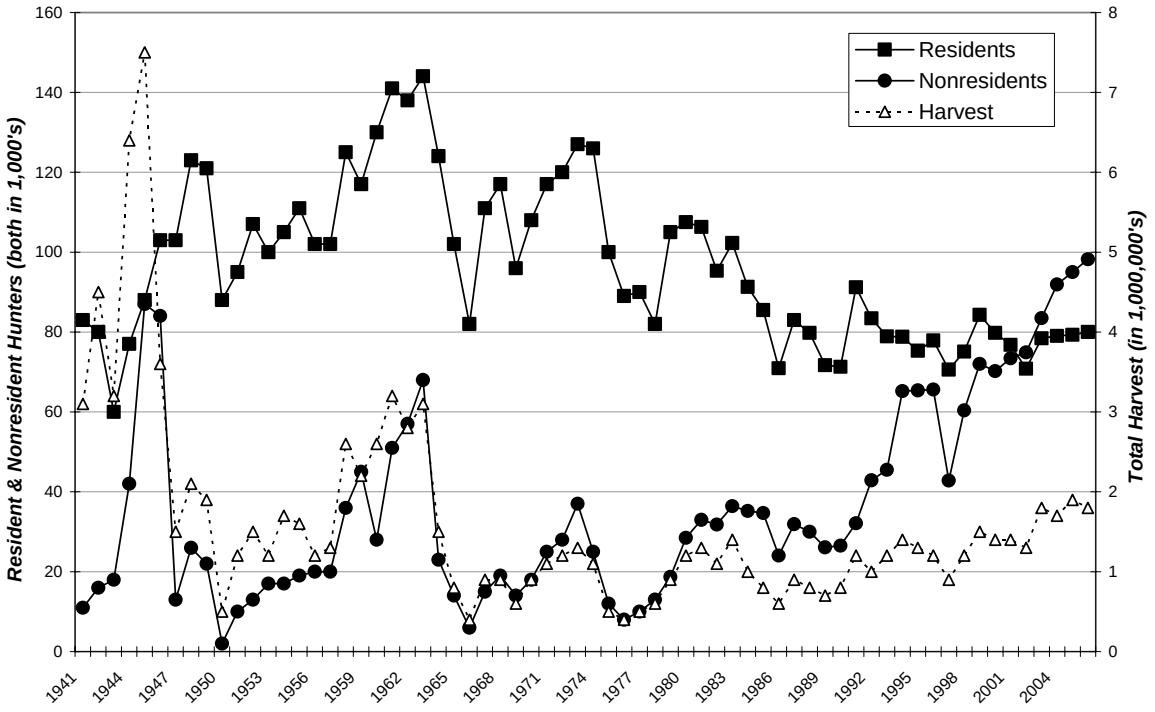
	HUNTER DISTRIBUTION				HARVEST DISTRIBUTION				
COUNTY	***# Reported***	***# Projected***	***% of Total***	***# Proj w/ Unk ****	***# Reported***	***# Projected***	***% of Total***	***# Proj w/ Unk ****	***Birds/Hunter *****
Minnehaha	21	401	0.4	423	131	2,504	0.3	2,612	6.2
Pennington	2	38	0.0	40	11	210	0.0	219	5.5
Brown	395	7,549	8.1	7,969	4,124	78,823	8.5	82,234	10.4
Beadle	293	5,600	6.0	5,912	2,979	56,938	6.2	59,402	10.2
Codington	96	1,835	2.0	1,937	838	16,017	1.7	16,710	8.7
Brookings	87	1,663	1.8	1,756	865	16,533	1.8	17,248	9.9
Yankton	33	631	0.7	666	276	5,275	0.6	5,503	8.4
Davison	185	3,536	3.8	3,733	1,591	30,409	3.3	31,725	8.6
Lawrence	0	0	0.0	0	0	0	0.0	0	0
Aurora	185	3,536	3.8	3,733	1,746	33,372	3.6	34,816	9.4
Bennett	11	210	0.2	222	75	1,433	0.2	1,495	6.8
Bon Homme	9	172	0.2	182	69	1,319	0.1	1,376	7.7
Brule	279	5,332	5.7	5,629	2,643	50,516	5.5	52,702	9.5
Buffalo	36	688	0.7	726	328	6,269	0.7	6,540	9.1
Butte	3	57	0.1	60	32	612	0.1	638	10.7
Campbell	67	1,280	1.4	1,351	605	11,563	1.3	12,063	9.0
Charles Mix	118	2,255	2.4	2,381	1,200	22,936	2.5	23,929	10.2
Clark	228	4,357	4.7	4,600	2,381	45,509	4.9	47,478	10.4
Clay	11	210	0.2	222	63	1,204	0.1	1,256	5.7
Corson	11	210	0.2	222	101	1,930	0.2	2,014	9.2
Custer	3	57	0.1	60	24	459	0.0	479	8.1
Day	111	2,121	2.3	2,239	950	18,158	2.0	18,944	8.6
Deuel	18	344	0.4	363	180	3,440	0.4	3,589	10.0
Dewey	23	440	0.5	464	223	4,262	0.5	4,446	9.7
Douglas	65	1,242	1.3	1,311	558	10,665	1.2	11,127	8.6
Edmunds	137	2,618	2.8	2,764	1,507	28,804	3.1	30,050	11.0
Fall River	2	38	0.0	40	8	153	0.0	160	4.0
Faulk	96	1,835	2.0	1,937	1,175	22,458	2.4	23,430	12.2
Grant	13	248	0.3	262	122	2,332	0.3	2,433	9.4
Gregory	175	3,344	3.6	3,530	1,742	33,295	3.6	34,736	10.0
Haakon	12	229	0.2	242	82	1,567	0.2	1,635	6.8
Hamlin	49	936	1.0	988	532	10,168	1.1	10,608	10.9
Hand	164	3,134	3.4	3,308	1,733	33,123	3.6	34,556	10.6
Hanson	51	975	1.0	1,029	436	8,333	0.9	8,694	8.5
Harding	6	115	0.1	121	63	1,204	0.1	1,256	10.5
Hughes	99	1,892	2.0	1,997	967	18,482	2.0	19,282	9.8
Hutchinson	59	1,128	1.2	1,191	493	9,423	1.0	9,831	8.4
Hyde	24	459	0.5	485	259	4,950	0.5	5,164	10.8
Jackson	10	191	0.2	202	52	994	0.1	1,037	5.2
Jerauld	80	1,529	1.6	1,614	732	13,991	1.5	14,596	9.2
Jones	26	497	0.5	525	259	4,950	0.5	5,164	10.0
Kingsbury	90	1,720	1.8	1,816	978	18,693	2.0	19,502	10.9
Lake	29	554	0.6	585	219	4,186	0.5	4,367	7.6
Lincoln	14	268	0.3	283	103	1,969	0.2	2,054	7.3
Lyman	214	4,090	4.4	4,318	2,274	43,463	4.7	45,344	10.6
McCook	20	382	0.4	403	168	3,211	0.3	3,350	8.4
McPherson	96	1,835	2.0	1,937	941	17,986	1.9	18,764	9.8
Marshall	40	764	0.8	807	368	7,034	0.8	7,338	9.2
Meade	7	134	0.1	141	55	1,051	0.1	1,096	7.8
Mellette	14	268	0.3	283	108	2,064	0.2	2,153	7.7
Miner	97	1,854	2.0	1,957	960	18,349	2.0	19,143	9.9
Moody	14	268	0.3	283	77	1,472	0.2	1,536	5.5
Perkins	17	325	0.3	343	158	3,020	0.3	3,151	9.3
Potter	82	1,567	1.7	1,654	1,053	20,126	2.2	20,997	12.8
Roberts	40	764	0.8	807	332	6,346	0.7	6,621	8.3
Sanborn	97	1,854	2.0	1,957	1,019	19,476	2.1	20,319	10.5
Spink	242	4,625	5.0	4,882	2,982	56,996	6.2	59,462	12.3
Stanley	52	994	1.1	1,049	443	8,467	0.9	8,833	8.5
Sully	54	1,032	1.1	1,089	547	10,455	1.1	10,907	10.1
Tripp	254	4,854	5.2	5,124	2,499	47,764	5.2	49,831	9.8
Turner	15	287	0.3	303	131	2,504	0.3	2,612	8.7
Union	6	115	0.1	121	24	459	0.0	479	4.0
Walworth	72	1,376	1.5	1,453	693	13,245	1.4	13,818	9.6
Ziebach	1	19	0.0	20	9	172	0.0	179	9.1
Shannon	3	57	0.1	60	30	573	0.1	598	10.1
Todd	5	96	0.1	101	41	784	0.1	818	8.2
Unk/Unreported	271	5,179	-	-	2,093	40,004	-	-	7.7
TOTALS	***5,139***	***98,213***	***100%***	***98,212***	***50,460***	***964,452***	***100%***	***964,449***	***9.82***

Last Revised: 29 March 07

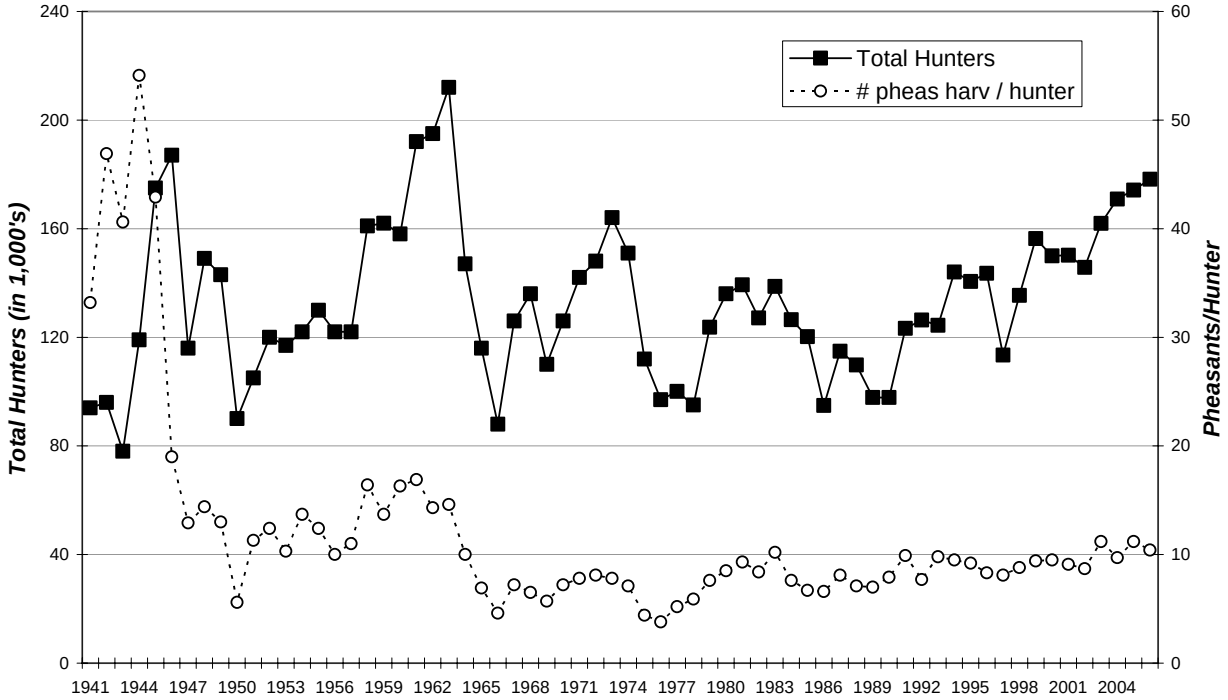
** Includes unknown county projection values by assuming unknown county values are distributed the same as reported county values. Total values may be different due to rounding.*

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

SOUTH DAKOTA PHEASANT HARVEST 1941-2006



SOUTH DAKOTA PHEASANT HUNTERS AND AVERAGE SEASON HARVEST 1941-2006



PARTRIDGE

The 2006 partridge season covered 16 September - 7 January 2007 statewide (except Lacreek National Wildlife Refuge which was open 21 October - 7 January 2007). 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 small game, 1-day small game, adult or junior combination, or youth small game licenses; nonresidents were required to obtain a nonresident small game, a nonresident youth small game, or nonresident shooting preserve license. None of the shooting preserve license holders were surveyed, nor is their harvest included in any of the data in this report.

In 2006, there were 94,047 residents and 99,455 nonresidents licensed to hunt partridge. Approximately 8.1% of residents and 7.7% of nonresidents were surveyed for the upland bird seasons. Survey response rates were 61.0% for residents and 68.1% for nonresidents.

Based on survey responses indicating at least one day of hunting partridge, there were a projected 2,551 resident and 2,045 nonresident partridge hunters.

From the survey responses, an estimated 8,655 partridge were harvested (4,974 by residents, 3,681 by nonresidents) during the 2006 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 4.99 while nonresidents reported an average satisfaction rating of 5.71.

Comparison of the 2000 - 2006 partridge harvests

	Resident Hunters				Nonresident Hunters			
Year	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

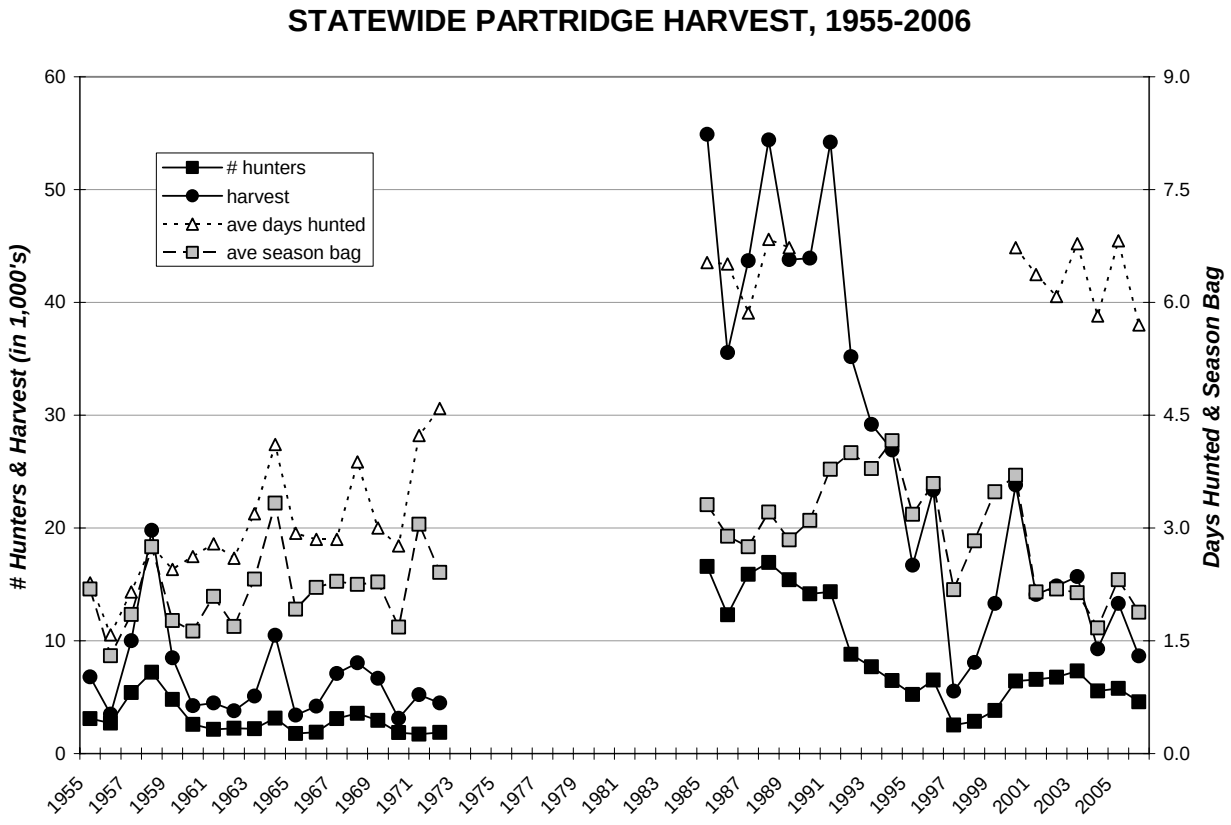
PARTRIDGE HARVEST PROJECTIONS FOR 2006

Revised: 30 April 07

	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	36,386	41,879	7,988	7,794	**94,047**	96,148	3,307	**99,455**
Projected ACTIVE UPLAND BIRD HUNTERS	**32,781**	**34,646**	**5,997**	**7,254**	**80,563**	**95,443**	**3,102**	**98,545**
Number Sampled by Survey	2,884	3,442	612	678	**7,616**	7,364	281	**7,645**
Number Responded to Survey	1,645	2,316	309	375	**4,645**	5,043	161	**5,204**
Responded and Participated in Season	**1,482**	**1,916**	**232**	**349**	**3,979**	**5,006**	**151**	**5,157**
Responded but DID NOT HUNT	163	400	77	26	**666**	37	10	**47**
Survey Response Rate	**57.0%**	**67.3%**	**50.5%**	**55.3%**	**61.0%**	**68.5%**	**57.3%**	**68.1%**
No. Hunters Reporting Partridge Days	37	75	6	8	**126**	101	6	**107**
Sum Partridge Hunted Days	274	507	39	46	**866**	431	22	**453**
Average Days Hunted Partridge	**7.41**	**6.76**	**6.50**	**5.75**	**6.87**	**4.27**	**3.67**	**4.23**
Sum Partridge Bagged	75	148	12	11	**246**	187	6	**193**
Average Season Partridge Bag	**2.03**	**1.97**	**2.00**	**1.38**	**1.95**	**1.85**	**1.00**	**1.80**
Projected Days Partridge Hunting	**6,061**	**9,167**	**1,008**	**955**	**17,525**	**8,224**	**451**	**8,650**
Projected No. Partridge Hunters	**818**	**1,356**	**155**	**166**	**2,551**	**1,926**	**123**	**2,045**
Projected Partridge Bag	**1,661**	**2,671**	**310**	**229**	**4,974**	**3,563**	**123**	**3,681**
					TOTAL HUNGARIAN PARTRIDGE HARVEST =	**8,655**		
Upland Bird Hunters Mean Satisfaction Score **	4.90	5.06	4.82	5.03	4.99	5.71	5.61	5.71

** Totals greater than licenses sold because many utilized more than one land type during season.*

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


STATEWIDE PARTRIDGE HARVEST, 1955-2006
hunters
harvest
ave days hunted
ave season bag
Hunters & Harvest (in 1,000's)
Days Hunted & Season Bag
0
10
20
30
40
50
60
0.0
1.5
3.0
4.5
6.0
7.5
9.0
1955
1957
1959
1961
1963
1965
1967
1969
1971
1973
1975
1977
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1987
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1995
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2003
2005

Resident Partridge Harvest Distribution by County 2006

	HUNTER DISTRIBUTION				HARVEST DISTRIBUTION				
COUNTY	***# Reported***	***# Projected***	***% of Total***	***# Proj w/ Unk ****	***# Reported***	***# Projected***	***% of Total***	***# Proj w/ Unk ****	***Birds/Hunter *****
Minnehaha	4	81	3.4	86	4	81	1.7	87	1.0
Pennington	2	40	1.7	42	2	40	0.9	43	1.0
Brown	3	61	2.5	65	2	40	0.9	43	0.7
Beadle	0	0	0.0	0	0	0	0.0	0	0
Codington	8	162	6.7	172	19	384	8.3	413	2.4
Brookings	4	81	3.4	86	7	142	3.1	153	1.8
Yankton	0	0	0.0	0	0	0	0.0	0	0
Davison	1	20	0.8	21	1	20	0.4	21	1.0
Lawrence	0	0	0.0	0	0	0	0.0	0	0
Aurora	2	40	1.7	42	5	101	2.2	109	2.5
Bennett	0	0	0.0	0	0	0	0.0	0	0
Bon Homme	1	20	0.8	21	0	0	0.0	0	0.0
Brule	0	0	0.0	0	0	0	0.0	0	0
Buffalo	1	20	0.8	21	2	40	0.9	43	2.0
Butte	4	81	3.4	86	7	142	3.1	153	1.8
Campbell	1	20	0.8	21	2	40	0.9	43	2.0
Charles Mix	2	40	1.7	42	1	20	0.4	21	0.5
Clark	1	20	0.8	21	2	40	0.9	43	2.0
Clay	0	0	0.0	0	0	0	0.0	0	0
Corson	4	81	3.4	86	8	162	3.5	174	2.0
Custer	0	0	0.0	0	0	0	0.0	0	0
Day	2	40	1.7	42	4	81	1.7	87	2.0
Deuel	8	162	6.7	172	23	465	10.0	500	2.9
Dewey	1	20	0.8	21	1	20	0.4	21	1.0
Douglas	0	0	0.0	0	0	0	0.0	0	0
Edmunds	2	40	1.7	42	0	0	0.0	0	0.0
Fall River	0	0	0.0	0	0	0	0.0	0	0
Faulk	0	0	0.0	0	0	0	0.0	0	0
Grant	6	121	5.0	128	20	404	8.7	434	3.3
Gregory	1	20	0.8	21	2	40	0.9	43	2.0
Haakon	1	20	0.8	21	2	40	0.9	43	2.0
Hamlin	0	0	0.0	0	0	0	0.0	0	0
Hand	2	40	1.7	42	3	61	1.3	66	1.5
Hanson	0	0	0.0	0	0	0	0.0	0	0
Harding	1	20	0.8	21	0	0	0.0	0	0.0
Hughes	1	20	0.8	21	2	40	0.9	43	2.0
Hutchinson	7	142	5.9	150	14	283	6.1	304	2.0
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	1	20	0.8	21	20	404	8.7	434	20.2
Kingsbury	1	20	0.8	21	0	0	0.0	0	0.0
Lake	2	40	1.7	42	1	20	0.4	21	0.5
Lincoln	1	20	0.8	21	2	40	0.9	43	2.0
Lyman	0	0	0.0	0	0	0	0.0	0	0
McCook	3	61	2.5	65	3	61	1.3	66	1.0
McPherson	1	20	0.8	21	16	324	7.0	348	16.2
Marshall	4	81	3.4	86	2	40	0.9	43	0.5
Meade	5	101	4.2	107	10	202	4.4	217	2.0
Mellette	0	0	0.0	0	0	0	0.0	0	0
Miner	2	40	1.7	42	2	40	0.9	43	1.0
Moody	4	81	3.4	86	2	40	0.9	43	0.5
Perkins	8	162	6.7	172	10	202	4.4	217	1.2
Potter	1	20	0.8	21	0	0	0.0	0	0.0
Roberts	1	20	0.8	21	0	0	0.0	0	0.0
Sanborn	0	0	0.0	0	0	0	0.0	0	0
Spink	0	0	0.0	0	0	0	0.0	0	0
Stanley	0	0	0.0	0	0	0	0.0	0	0
Sully	2	40	1.7	42	3	61	1.3	66	1.5
Tripp	2	40	1.7	42	4	81	1.7	87	2.0
Turner	4	81	3.4	86	7	142	3.1	153	1.8
Union	0	0	0.0	0	0	0	0.0	0	0
Walworth	2	40	1.7	42	4	81	1.7	87	2.0
Ziebach	5	101	4.2	107	10	202	4.4	217	2.0
Shannon	0	0	0.0	0	0	0	0.0	0	0
Todd	0	0	0.0	0	0	0	0.0	0	0
Unknown	7	142	-	-	17	344	-	-	2.4
TOTALS:	***126***	***2,551***	***100%***	***2,538***	***246***	***4,974***	***100%***	***4,972***	***1.95***

Last Revised: 2 May 07

** 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.*

Nonresident Partridge Harvest Distribution by County 2006

	HUNTER DISTRIBUTION				HARVEST DISTRIBUTION				
COUNTY	*# Reported*	*# Projected*	*% of Total*	*# Proj w/ Unk **	*# Reported*	*# Projected*	*% of Total*	*# Proj w/ Unk **	*Birds/Hunter ***
Minnehaha	0	0	0.0	0	0	0	0.0	0	0
Pennington	0	0	0.0	0	0	0	0.0	0	0
Brown	3	57	2.9	60	3	57	1.7	64	1.0
Beadle	4	76	3.9	80	1	19	0.6	21	0.3
Codington	5	96	4.9	101	24	458	14.0	517	4.8
Brookings	3	57	2.9	60	3	57	1.7	64	1.0
Yankton	2	38	1.9	40	3	57	1.7	64	1.5
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	1.0	20	2	38	1.2	43	2.0
Bennett	0	0	0.0	0	0	0	0.0	0	0
Bon Homme	0	0	0.0	0	0	0	0.0	0	0
Brule	6	115	5.9	121	2	38	1.2	43	0.3
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	0	0	0.0	0	0	0	0.0	0	0
Chas Mix	1	19	1.0	20	1	19	0.6	21	1.0
Clark	1	19	1.0	20	1	19	0.6	21	1.0
Clay	0	0	0.0	0	0	0	0.0	0	0
Corson	4	76	3.9	80	5	95	2.9	107	1.3
Custer	0	0	0.0	0	0	0	0.0	0	0
Day	4	76	3.9	80	3	57	1.7	64	0.8
Deuel	2	38	1.9	40	9	172	5.3	194	4.5
Dewey	3	57	2.9	60	3	57	1.7	64	1.0
Douglas	2	38	1.9	40	3	57	1.7	64	1.5
Edmunds	7	134	6.9	141	23	439	13.5	496	3.3
Fall River	0	0	0.0	0	0	0	0.0	0	0
Faulk	4	76	3.9	80	7	134	4.1	151	1.8
Grant	2	38	1.9	40	6	114	3.5	129	3.0
Gregory	2	38	1.9	40	2	38	1.2	43	1.0
Haakon	1	19	1.0	20	5	95	2.9	107	5.0
Hamlin	1	19	1.0	20	0	0	0.0	0	0.0
Hand	5	96	4.9	101	3	57	1.7	64	0.6
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	7	134	6.9	141	17	324	9.9	366	2.4
Hutchinson	0	0	0.0	0	0	0	0.0	0	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	2	38	1.9	40	1	19	0.6	21	0.5
Jones	0	0	0.0	0	0	0	0.0	0	0
Kingsbury	1	19	1.0	20	1	19	0.6	21	1.0
Lake	0	0	0.0	0	0	0	0.0	0	0
Lincoln	1	19	1.0	20	1	19	0.6	21	1.0
Lyman	2	38	1.9	40	12	229	7.0	258	6.0
McCook	0	0	0.0	0	0	0	0.0	0	0
McPherson	6	115	5.9	121	10	191	5.9	216	1.7
Marshall	1	19	1.0	20	0	0	0.0	0	0.0
Meade	1	19	1.0	20	2	38	1.2	43	2.0
Mellette	1	19	1.0	20	1	19	0.6	21	1.0
Miner	1	19	1.0	20	2	38	1.2	43	2.0
Moody	1	19	1.0	20	0	0	0.0	0	0.0
Perkins	2	38	1.9	40	2	38	1.2	43	1.0
Potter	0	0	0.0	0	0	0	0.0	0	0
Roberts	0	0	0.0	0	0	0	0.0	0	0
Sanborn	1	19	1.0	20	0	0	0.0	0	0.0
Spink	2	38	1.9	40	1	19	0.6	21	0.5
Stanley	2	38	1.9	40	5	95	2.9	107	2.5
Sully	3	57	2.9	60	3	57	1.7	64	1.0
Tripp	4	76	3.9	80	3	57	1.7	64	0.8
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	1	19	1.0	20	1	19	0.6	21	1.0
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
Unknown	5	96	-	-	22	420	-	-	4.4
TOTALS:	***107***	***2,045***	***99.5%***	***2,046***	***193***	***3,681***	***99.8%***	***3,671***	***1.80***

Last Revised: 2 May 07

** 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, were 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. They continue to be combined for the overall harvest estimates in this report; however, an attempt is made below to delineate the number of each species harvested.

The 2006 grouse season covered 16 September - 7 January 2007 statewide (except Lacreek National Wildlife Refuge which was open 21 October - 7 January 2007). 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 2006, there were 94,047 residents and 99,455 nonresidents licensed to hunt grouse. Approximately 8.1% of residents and 7.7% of nonresidents were surveyed for the upland bird seasons. Survey response rates were 61.0% for residents and 68.1% for nonresidents.

Based on survey responses indicating at least one day of hunting grouse, there were a projected 7,836 resident and 6,135 nonresident grouse hunters.

From the survey responses, a projected total of 40,889 grouse were harvested (27,269 by residents, 13,620 by nonresidents) during the 2006 season.

When asked to specify which species of grouse were harvested, over 95% of both residents and nonresidents answered the questions, and only 3% of nonresidents and 4.3% of residents were unable to identify the grouse they bagged. Of all grouse harvested, 76% were identified to be sharp-tailed grouse, 20% to be prairie chickens and 4% were unknown. There were no differences in harvest proportions between residents and nonresidents. Applying these percentages to the overall harvest estimate results in an estimated 31,076 sharptails, 8,178 prairie chickens, and 1,635 unknown grouse in the 2006 harvest.

When asked their satisfaction on the season, (1 being very dissatisfied, 7 being very satisfied), resident upland bird hunters reported an average rating of 4.99 while nonresidents reported a satisfaction rating of 5.71.

A comparison of the 1997 - 2006 prairie grouse harvests

	Resident Hunters					***Nonresident Hunters***				
Year	***Number Hunters***	***Harvest***	***Ave Day Hunted***	***Ave Bag***	***Satis-faction***	***Number Hunters***	***Harvest***	***Ave Day Hunted***	***Ave Bag***	***Satis-faction***
1997	13,651	62,705	4.83	4.66	NA	3,972	12,585	4.06	3.20	NA
1998	12,728	57,452	4.44	4.57	4.33	5,139	16,880	4.25	3.30	5.22
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

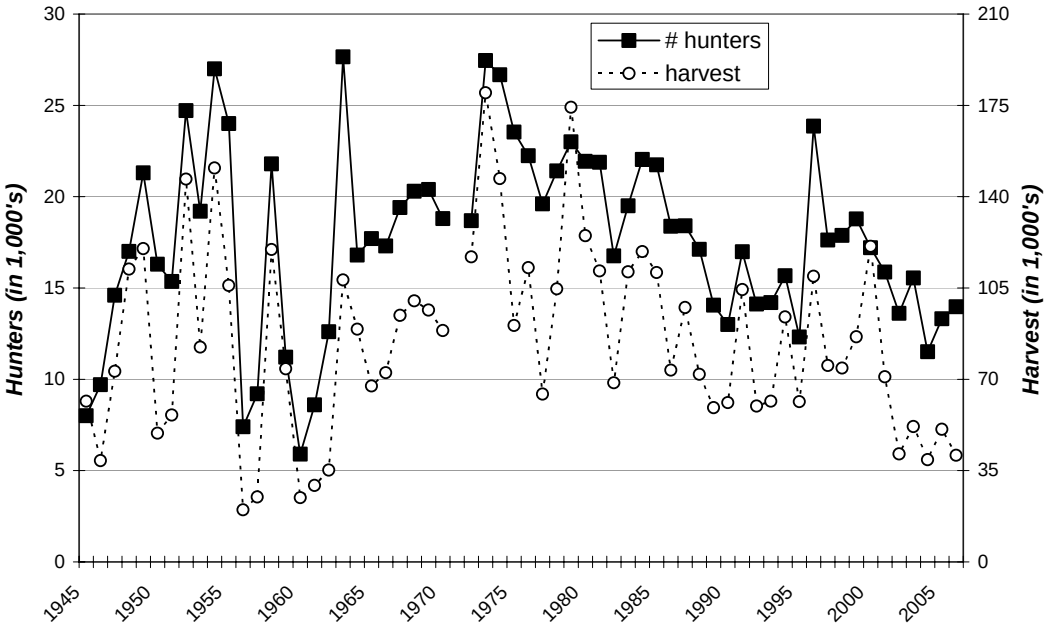
PRAIRIE GROUSE HARVEST PROJECTIONS FOR 2006

Revised: 30 April 07

	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	36,386	41,879	7,988	7,794	**94,047**	96,148	3,307	**99,455**
Projected ACTIVE UPLAND BIRD HUNTERS	**32,781**	**34,646**	**5,997**	**7,254**	**80,563**	**95,443**	**3,102**	**98,545**
Number Sampled by Survey	2,884	3,442	612	678	**7,616**	7,364	281	**7,645**
Number Responded to Survey	1,645	2,316	309	375	**4,645**	5,043	161	**5,204**
Responded and Participated in Season	**1,482**	**1,916**	**232**	**349**	**3,979**	**5,006**	**151**	**5,157**
Responded but DID NOT HUNT	163	400	77	26	**666**	37	10	**47**
Survey Response Rate	**57.0%**	**67.3%**	**50.5%**	**55.3%**	**61.0%**	**68.5%**	**57.3%**	**68.1%**
No. Hunters Reporting Grouse Days	90	258	12	27	**387**	314	7	**321**
Sum Grouse Hunted Days	319	1,076	49	111	**1,555**	1,230	29	**1,259**
Average Days Hunted Grouse	**3.54**	**4.17**	**4.08**	**4.11**	**4.02**	**3.92**	**4.14**	**3.92**
Sum Grouse Bagged	276	946	64	59	**1,345**	688	24	**712**
Average Season Grouse Bag	**3.07**	**3.67**	**5.33**	**2.19**	**3.48**	**2.19**	**3.43**	**2.22**
Projected Days Grouse Hunting	**7,048**	**19,453**	**1,265**	**2,306**	**31,501**	**23,469**	**596**	**24,049**
Projected No. Grouse Hunters	**1,991**	**4,665**	**310**	**561**	**7,836**	**5,987**	**144**	**6,135**
Projected Grouse Bag	**6,112**	**17,121**	**1,652**	**1,229**	**27,269**	**13,112**	**494**	**13,620**
				TOTAL GROUSE HARVEST =		**40,889**		
Upland Bird Hunters Mean Satisfaction Score **	4.90	5.06	4.82	5.03	4.99	5.71	5.61	5.71

** Totals greater than licenses sold because many utilized more than one land type during season.*
*** Based on scale of 1-7 with 1="very dissatisfied" and 7="very satisfied"*

PRAIRIE GROUSE HUNTERS & HARVEST 1945-2006



Resident Grouse Harvest Distribution by County 2006

	HUNTER DISTRIBUTION				HARVEST DISTRIBUTION				
COUNTY	***# Reported***	***# Projected***	***% of Total***	***# Proj w/ Unk ****	***# Reported***	***# Projected***	***% of Total***	***# Proj w/ Unk ****	***Birds/Hunter***
Minnehaha	0	0	0.0	0	0	0	0.0	0	0
Pennington	20	405	5.6	438	43	872	3.5	944	2.2
Brown	9	182	2.5	197	20	405	1.6	438	2.2
Beadle	0	0	0.0	0	0	0	0.0	0	0
Codington	6	121	1.7	131	15	304	1.2	329	2.5
Brookings	1	20	0.3	22	2	41	0.2	44	2.1
Yankton	1	20	0.3	22	0	0	0.0	0	0.0
Davison	0	0	0.0	0	0	0	0.0	0	0
Lawrence	1	20	0.3	22	5	101	0.4	109	5.1
Aurora	3	61	0.8	66	5	101	0.4	109	1.7
Bennett	12	243	3.4	263	46	933	3.7	1,010	3.8
Bon Homme	2	40	0.6	43	2	41	0.2	44	1.0
Brule	1	20	0.3	22	0	0	0.0	0	0.0
Buffalo	2	40	0.6	43	4	81	0.3	88	2.0
Butte	4	81	1.1	88	32	649	2.6	702	8.0
Campbell	3	61	0.8	66	4	81	0.3	88	1.3
Charles Mix	5	101	1.4	109	4	81	0.3	88	0.8
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	6	121	1.7	131	38	770	3.1	833	6.4
Custer	2	40	0.6	43	6	122	0.5	132	3.1
Day	5	101	1.4	109	3	61	0.2	66	0.6
Deuel	5	101	1.4	109	24	487	1.9	527	4.8
Dewey	11	223	3.1	241	35	710	2.8	768	3.2
Douglas	1	20	0.3	22	1	20	0.1	22	1.0
Edmunds	4	81	1.1	88	9	182	0.7	197	2.2
Fall River	2	40	0.6	43	24	487	1.9	527	12.2
Faulk	2	40	0.6	43	4	81	0.3	88	2.0
Grant	8	162	2.2	175	17	345	1.4	373	2.1
Gregory	14	283	3.9	306	47	953	3.8	1,031	3.4
Haakon	12	243	3.4	263	52	1,054	4.2	1,140	4.3
Hamlin	0	0	0.0	0	0	0	0.0	0	0
Hand	10	202	2.8	218	21	426	1.7	461	2.1
Hanson	1	20	0.3	22	0	0	0.0	0	0.0
Harding	4	81	1.1	88	10	203	0.8	220	2.5
Hughes	8	162	2.2	175	40	811	3.2	878	5.0
Hutchinson	0	0	0.0	0	0	0	0.0	0	0
Hyde	6	121	1.7	131	19	385	1.5	417	3.2
Jackson	6	121	1.7	131	25	507	2.0	549	4.2
Jerauld	3	61	0.8	66	24	487	1.9	527	8.0
Jones	7	142	2.0	153	13	264	1.0	286	1.9
Kingsbury	0	0	0.0	0	0	0	0.0	0	0
Lake	1	20	0.3	22	6	122	0.5	132	6.1
Lincoln	1	20	0.3	22	2	41	0.2	44	2.1
Lyman	20	405	5.6	438	78	1,581	6.3	1,711	3.9
McCook	1	20	0.3	22	0	0	0.0	0	0.0
McPherson	5	101	1.4	109	20	405	1.6	438	4.0
Marshall	7	142	2.0	153	16	324	1.3	351	2.3
Meade	23	466	6.4	504	89	1,804	7.2	1,952	3.9
Mellette	7	142	2.0	153	43	872	3.5	944	6.1
Miner	0	0	0.0	0	0	0	0.0	0	0
Moody	0	0	0.0	0	0	0	0.0	0	0
Perkins	20	405	5.6	438	97	1,967	7.8	2,128	4.9
Potter	3	61	0.8	66	9	182	0.7	197	3.0
Roberts	9	182	2.5	197	14	284	1.1	307	1.6
Sanborn	0	0	0.0	0	0	0	0.0	0	0
Spink	0	0	0.0	0	0	0	0.0	0	0
Stanley	31	628	8.7	679	123	2,494	9.9	2,699	4.0
Sully	10	202	2.8	218	16	324	1.3	351	1.6
Tripp	13	263	3.6	284	61	1,237	4.9	1,339	4.7
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	3	61	0.8	66	11	223	0.9	241	3.7
Ziebach	13	263	3.6	284	54	1,095	4.3	1,185	4.2
Shannon	0	0	0.0	0	0	0	0.0	0	0
Todd	4	81	1.1	88	10	203	0.8	220	2.5
Unknown	29	587	-	-	102	2,068	-	-	3.5
TOTALS:	***387***	***7,836***	***100.4%***	***7,832***	***1,345***	***27,269***	***100%***	***27,274***	***3.48***

Last Revised: 2 May 07

** 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.*

Nonresident Grouse Harvest Distribution by County 2006

	HUNTER DISTRIBUTION				HARVEST DISTRIBUTION				
COUNTY	***# Reported***	***# Projected***	***% of Total***	***# Proj w/ Unk ****	***# Reported***	***# Projected***	***% of Total***	***# Proj w/ Unk ****	***Birds/Hunter***
Minnehaha	0	0	0.0	0	0	0	0.0	0	0
Pennington	0	0	0.0	0	0	0	0.0	0	0
Brown	3	57	1.0	64	6	115	1.0	130	2.0
Beadle	5	96	1.8	108	3	57	0.5	65	0.6
Codington	4	76	1.4	85	3	57	0.5	65	0.8
Brookings	0	0	0.0	0	0	0	0.0	0	0
Yankton	1	19	0.3	21	2	38	0.3	43	2.0
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	3	57	1.0	64	5	96	0.8	109	1.7
Bennett	3	57	1.0	64	6	115	1.0	130	2.0
Bon Homme	0	0	0.0	0	0	0	0.0	0	0
Brule	11	210	3.8	236	13	249	2.1	282	1.2
Buffalo	3	57	1.0	64	6	115	1.0	130	2.0
Butte	0	0	0.0	0	0	0	0.0	0	0
Campbell	3	57	1.0	64	4	77	0.6	87	1.4
Chas Mix	3	57	1.0	64	1	19	0.2	22	0.3
Clark	3	57	1.0	64	4	77	0.6	87	1.4
Clay	0	0	0.0	0	0	0	0.0	0	0
Corson	3	57	1.0	64	19	363	3.0	412	6.4
Custer	0	0	0.0	0	0	0	0.0	0	0
Day	8	153	2.8	172	8	153	1.3	173	1.0
Deuel	1	19	0.3	21	2	38	0.3	43	2.0
Dewey	10	191	3.5	214	45	861	7.2	976	4.5
Douglas	2	38	0.7	43	2	38	0.3	43	1.0
Edmunds	9	172	3.1	193	12	230	1.9	261	1.3
Fall River	0	0	0.0	0	0	0	0.0	0	0
Faulk	6	115	2.1	129	7	134	1.1	152	1.2
Grant	2	38	0.7	43	4	77	0.6	87	2.0
Gregory	8	153	2.8	172	13	249	2.1	282	1.6
Haakon	6	115	2.1	129	27	516	4.3	585	4.5
Hamlin	0	0	0.0	0	0	0	0.0	0	0
Hand	15	287	5.3	322	20	383	3.2	434	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	8	153	2.8	172	13	249	2.1	282	1.6
Hutchinson	2	38	0.7	43	4	77	0.6	87	2.0
Hyde	0	0	0.0	0	0	0	0.0	0	0
Jackson	2	38	0.7	43	9	172	1.4	195	4.5
Jerauld	4	76	1.4	85	5	96	0.8	109	1.3
Jones	4	76	1.4	85	8	153	1.3	173	2.0
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	592	10.8	664	69	1,320	11.0	1,497	2.2
McCook	0	0	0.0	0	0	0	0.0	0	0
McPherson	20	382	7.0	429	46	880	7.3	998	2.3
Marshall	2	38	0.7	43	4	77	0.6	87	2.0
Meade	3	57	1.0	64	14	268	2.2	304	4.7
Mellette	7	134	2.5	150	23	440	3.7	499	3.3
Miner	1	19	0.3	21	3	57	0.5	65	3.0
Moody	1	19	0.3	21	1	19	0.2	22	1.0
Perkins	7	134	2.5	150	29	555	4.6	629	4.1
Potter	8	153	2.8	172	11	210	1.7	238	1.4
Roberts	4	76	1.4	85	5	96	0.8	109	1.3
Sanborn	2	38	0.7	43	4	77	0.6	87	2.0
Spink	1	19	0.3	21	1	19	0.2	22	1.0
Stanley	29	554	10.1	622	93	1,779	14.8	2,017	3.2
Sully	10	191	3.5	214	20	383	3.2	434	2.0
Tripp	18	344	6.3	386	37	708	5.9	803	2.1
Turner	1	19	0.3	21	1	19	0.2	22	1.0
Union	0	0	0.0	0	0	0	0.0	0	0
Walworth	5	96	1.8	108	5	96	0.8	109	1.0
Ziebach	2	38	0.7	43	5	96	0.8	109	2.5
Shannon	1	19	0.3	21	0	0	0.0	0	0.0
Todd	1	19	0.3	21	6	115	1.0	130	6.1
Unknown	35	669	-	-	84	1,607	-	-	2.4
TOTALS:	***321***	***6,135***	***99%***	***6,127***	***712***	***13,620***	***100%***	***13,625***	***2.22***

Last Revised: 2 May 07

** 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.*

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. 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 2006 age grouse season was held on 27-28 September, 2006, 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 Harding and Butte counties west of US 85. The daily and season limit was 1 bird.

Hunters were not statistically surveyed about their sage grouse harvest, however GFP employees interviewed what is believed to be the vast majority of hunters in the field. Approximately 46 individual hunters participated in the season. Total recorded harvest was 15 grouse, of which all 15 birds were taken in Harding County. No birds were checked as taken in Butte County. Of the 15 birds checked by employees, 9 were males and 6 were females. Two of the 6 females and 2 of the 9 males were adults. In comparison to the 2005 season, there was a significant decrease in the number of birds taken but the ratio of males to females in the bag increased slightly to 1.50:1 vs.1.16:1 in 2005. The ratio of juvenile to adult birds taken in 2006 as compared to 2005 increased from 1.6:1 to 2.75:1. Six birds were taken the opening day of the season and 9 birds were taken the second day. Thirteen of the 15 birds taken were harvested in the Camp Crook area of Harding County.

Hunters appeared to have difficulty locating birds during the season and it took considerable effort and patience to get close enough for a shot. Some hunted with dogs but it did not seem to provide a noticeable advantage. Both resident and non-resident hunters participated in the season. Virtually all of the hunters expressed satisfaction with the season opportunity and encouraged continued consideration of a sage grouse hunting season in future years. Hunters reporting seeing an average of approximately 2.6 birds each during the course of their hunt versus an average of 8 birds each during the course of the 2005 hunt. Nearly all hunters checked spent all of their time walking and hunting in the field. The heaviest hunting pressure for sage grouse occurred in the Camp Crook area of Harding County. The area within the hunting unit in Southern Butte County experienced the least hunting pressure. The greatest hunter interest was in taking an adult male sage grouse.

Comparison of the 2000-2006 Sage Grouse harvests:

			Harvest by County		Harvest by Age & Sex			
Year	# of Hunters (est. % of total)	Total Harvest	Butte	Harding	Juv/Yr Male	Juv/Yr Female	Adult Male	Adult Female
2000	28 (??%)	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

*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.

Blood samples were taken from 12 of the 15 birds and submitted to the Wyoming State Veterinary Science Laboratory to test for West Nile Virus positive titer. All test results came back negative.

In addition, 14 birds were weighed to provide supplemental information for ongoing research studies being conducted by South Dakota State University. The following Table illustrates the results of that sampling.

County	Area of Harvest	Age	Sex	Weight (g)
Harding	Camp Crook	Juvenile	Female	1,235
Harding	Camp Crook	Juvenile	Male	1,915
Harding	Camp Crook	Juvenile	Male	1,830
Harding	Camp Crook	Juvenile	Male	2,000
Harding	Camp Crook	Juvenile	Male	1,620
Harding	Camp Crook	Juvenile	Female	1,314
Harding	Camp Crook	Juvenile	Male	1,820
Harding	Camp Crook	Adult	Male	1,824
Harding	Camp Crook	Juvenile	Male	1,154
Harding	Camp Crook	Adult	Female	1,301
Harding	Camp Crook	Juvenile	Male	1,727
Harding	Cady Creek	Adult	Male	2,340
Harding	Cady Creek	Adult	Female	1,336
Harding	Harding Road	Juvenile	Female	N/A
Harding	Ladner Road	Juvenile	Female	1,285

NORTHERN BOBWHITE

The 2006 northern bobwhite season covered 21 October through 7 January 2007 in the area covered by Tripp, Gregory, Charles Mix, Bon Homme, Yankton, Clay, Lincoln, and Union counties. 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 2006, there were 94,047 residents and 99,455 nonresidents licensed to hunt bobwhites. Approximately 8.1% of residents and 7.7% of nonresidents were surveyed for the upland bird seasons. Survey response rates were 61.0% for residents and 68.1% for nonresidents.

Based on survey responses indicating at least one day of hunting bobwhites, there were a projected 364 resident and 554 nonresident quail hunters.

From the survey responses, an estimated 1,810 quail were harvested (586 by residents, 1,224 by nonresidents) during the 2006 season. Upland bird hunters (not restricted to quail hunters only) reported they used private lands more than any other land type. 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 4.99 while nonresidents reported a satisfaction rating of 5.71).

Comparison of the 2000 - 2006 northern bobwhite harvests

	Resident Hunters				***Nonresident Hunters***			
Year	***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	1.0
2006	364	586	5.61	1.61	554	1,224	3.62	2.21

NORTHERN BOBWHITE HARVEST PROJECTIONS FOR 2006

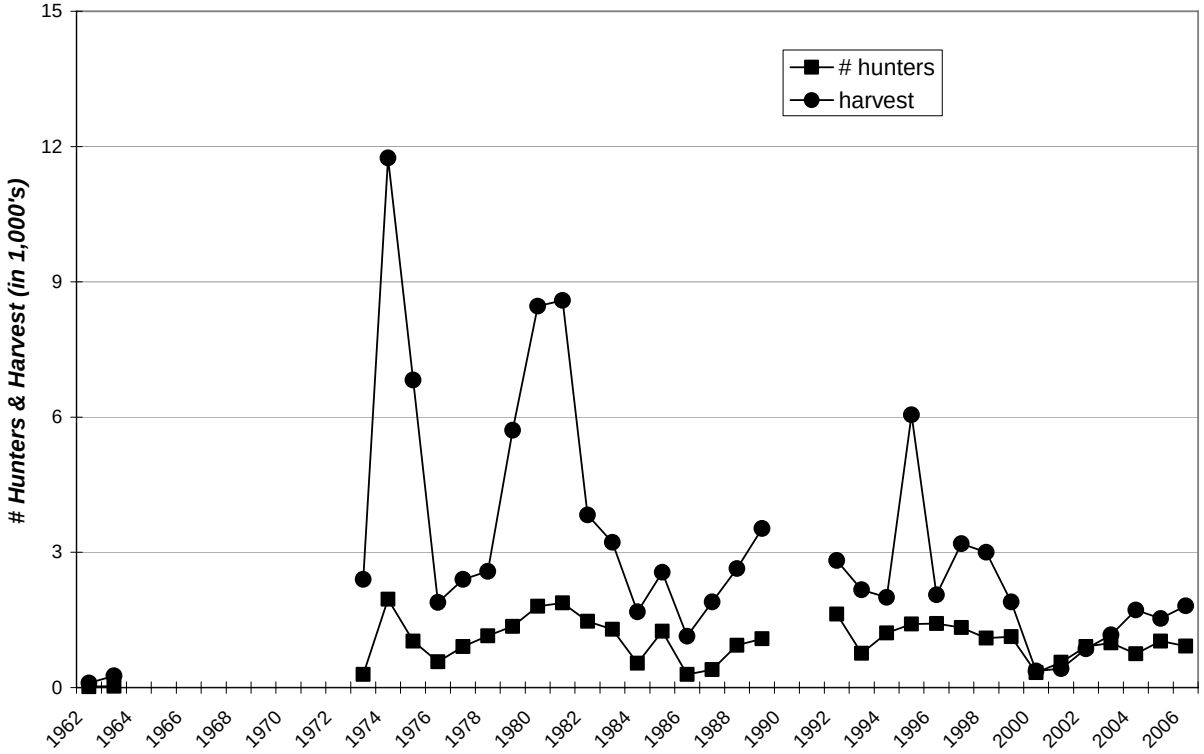
Revised: 30 April 07

	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	36,386	41,879	7,988	7,794	**94,047**	96,148	3,307	**99,455**
Projected ACTIVE UPLAND BIRD HUNTERS	**32,781**	**34,646**	**5,997**	**7,254**	**80,563**	**95,443**	**3,102**	**98,545**
Number Sampled by Survey	2,884	3,442	612	678	**7,616**	7,364	281	**7,645**
Number Responded to Survey	1,645	2,316	309	375	**4,645**	5,043	161	**5,204**
Responded and Participated in Season	**1,482**	**1,916**	**232**	**349**	**3,979**	**5,006**	**151**	**5,157**
Responded but DID NOT HUNT	163	400	77	26	**666**	37	10	**47**
Survey Response Rate	**57.0%**	**67.3%**	**50.5%**	**55.3%**	**61.0%**	**68.5%**	**57.3%**	**68.1%**
No. Hunters Reporting Bobwhite Days	4	14	0	0	**18**	27	2	**29**
Sum Bobwhite Days	21	80	0	0	**101**	97	8	**105**
Average Days Hunting Bobwhites	**5.25**	**5.71**	**0.00**	**0.00**	**5.61**	**3.59**	**4.00**	**3.62**
Sum Bobwhites Bagged	1	28	0	0	**29**	59	5	**64**
Average Season Bobwhite Bag	**0.25**	**2.00**	**0.00**	**0.00**	**1.61**	**2.19**	**2.50**	**2.21**
Projected Days Bobwhite Hunting	**462**	**1,445**	**0**	**0**	**2,042**	**1,849**	**164**	**2,005**
Projected No. Bobwhite Hunters	**88**	**253**	**0**	**0**	**364**	**515**	**41**	**554**
Projected Bobwhite Bag	**22**	**506**	**0**	**0**	**586**	**1,128**	**103**	**1,224**
				TOTAL QUAIL HARVEST =		**1,810**		
Upland Bird Hunters Mean Satisfaction Score **	4.90	5.06	4.82	5.03	4.99	5.71	5.61	5.71

** Totals greater than licenses sold because many utilized more than one land type during season.*

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

STATEWIDE BOBWHITE HARVEST, 1962-2006



WATERFOWL

In 2006, there were an estimated 23,585 active resident migratory bird hunters in South Dakota. From those, there were projected 20,684 active resident waterfowl hunters and 4,374 nonresident waterfowl hunters. Approximately 10% of the resident migratory bird certificate holders and 28% of the nonresident waterfowl license holders were sampled. The survey response rates were 75.8% for residents and 82.7% for nonresidents.

Both resident and nonresident hunters reported they hunted more on private land than any other land type. When asked their satisfaction on the season, (1 being least satisfied, 7 being most satisfied), waterfowl hunters reported an overall average rating of 4.91 for residents, and 5.20 for nonresidents.

Prior to 2006 and each year back to 2001 waterfowl hunters have been 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 - 2006 waterfowl seasons.

	Resident Hunters				Nonresident Hunters			
Year	# Active Mig Brd Hunters	# Waterfowl Hunters	Survey Resp. Rate	Satis-faction	# Active Mig Brd Hunters	# Waterfowl Hunters	Survey Resp. Rate	Satis-faction
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

WATERFOWL HARVEST SUMMARY FOR 2006

Last Revised: 6 June 07

	Resident	Non Residents
		5,269
Resident Licenses Sold	33,141	**-**
Nonresident Season-long Licenses Sold	-	250
Nonresident 10-day Licenses Sold	-	3,750
Nonresident 3-day Licenses Sold	-	1,269
Projected ACTIVE MIGRATORY BIRD HUNTERS	**23,585**	**4,591**
Number Sampled by Survey	3,227	1,467
Number Responded to Survey	2,445	1,213
Responded and Participated in Season	**1,740**	**1,057**
Responded but DID NOT HUNT	705	156
Survey Response Rate	**75.8%**	**82.7%**
No. Hunters Reporting Goose or Duck Days	1,526	1,057
Projected Waterfowl Hunters - Ducks and Geese	**20,684**	**4,374**
TOTAL WATERFOWL HUNTERS =	***25,058***	
All Waterfowl Hunter Reported Public Land Type Use	731	507
All Waterfowl Hunter Projected Public Land Type Use *	**9,908**	**2,098**
All Waterfowl Hunter Reported Private Land Type Use	1,065	764
All Waterfowl Hunter Projected Private Land Type Use *	**14,436**	**3,161**
All Waterfowl Hunter Reported Walk-In Land Type Use	284	236
All Waterfowl Hunter Projected Walk-In Land Type Use *	**3,850**	**976**
All Waterfowl Hunter Reported Commercial Land Type Use	20	11
All Waterfowl Hunter Projected Commercial Land Type Use *	**271**	**46**
All Waterfowl Hunter Mean Satisfaction Score *1*	4.91	5.20

** Total may be greater than total licenses because hunters reported using more than one land type during season*

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

2006 Reported Nonresident Waterfowl Hunting Distribution - Where Hunted by County

COUNTY	DUCKS	CANADAS	SNOWS	WHTFRNT	TOTALS	PERCENT
1	1	1	1	0	3	0.2%
2	3	1	0	0	4	0.2%
3	74	43	41	16	174	10.0%
4	5	3	2	1	11	0.6%
5	23	15	9	2	49	2.8%
6	16	5	4	3	28	1.6%
7	8	3	1	1	13	0.7%
8	1	0	0	0	1	0.1%
10	3	1	0	0	4	0.2%
11	5	11	0	0	16	0.9%
12	44	19	10	7	80	4.6%
13	7	2	1	1	11	0.6%
15	1	0	0	1	2	0.1%
16	5	3	0	1	9	0.5%
17	12	14	2	2	30	1.7%
18	74	41	27	11	153	8.8%
19	4	5	3	1	13	0.7%
20	1	0	0	0	1	0.1%
22	215	104	51	25	395	22.6%
23	8	2	2	1	13	0.7%
25	3	1	0	0	4	0.2%
26	13	7	4	1	25	1.4%
28	1	1	0	0	2	0.1%
29	6	2	2	1	11	0.6%
30	1	1	0	0	2	0.1%
32	17	10	8	2	37	2.1%
33	1	1	0	0	2	0.1%
34	2	2	2	1	7	0.4%
36	17	60	11	9	97	5.6%
37	2	0	0	0	2	0.1%
40	2	1	1	0	4	0.2%
41	0	1	0	0	1	0.1%
42	22	13	12	1	48	2.8%
43	7	4	2	2	15	0.9%
45	3	8	2	0	13	0.7%
46	3	0	1	0	4	0.2%
47	20	11	7	3	41	2.4%
48	64	39	10	6	119	6.8%
50	0	1	0	0	1	0.1%
51	6	2	1	0	9	0.5%
52	2	1	0	0	3	0.2%
54	1	1	0	0	2	0.1%
55	75	59	9	3	146	8.4%
56	2	1	0	0	3	0.2%
57	14	11	12	5	42	2.4%
58	5	20	3	1	29	1.7%
59	9	21	3	1	34	1.9%
60	1	1	0	0	2	0.1%
62	7	7	5	3	22	1.3%
63	3	3	1	0	7	0.4%
TOTALS:	819	563	250	112	1,744	100.0%

Last updated: 6 June 07

TUNDRA SWAN

The 2006 tundra swan season was open from September 30 - December 16 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. Harvest surveys were sent to all resident and nonresident hunters. Resident 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 2006, there were 1,300 licenses available for the tundra swan season (1,100 residents, 200 nonresidents). A total of 801 licenses were sold (635 residents, 166 nonresidents). Eighty-six hunters purchased two licenses each. All licensed swan hunters were surveyed and the survey response rate was 84.2%. Approximately 20% of responding hunters used the Internet response system.

From the survey responses, there were a projected 163 swans harvested (not including cripples) during the 2006 season. There were a projected 17 birds crippled during the season. When asked their satisfaction on the season, (1 being least satisfied, 7 being most satisfied), swan hunters reported an average satisfaction rating of 4.94 (4.9 residents, 5.0 nonresidents). From those who responded, 24% indicated they did not hunt for swans. Of the hunters who participated in the season, residents hunted an average of 4.8 days while nonresidents hunted 5.3 days. The average days hunted by all licenseholders (3.70 days) projected to a total of 2,964 recreation days for the season.

Comparison of the 1997 – 2006 Tundra Swan seasons

Year	Licenses Sold			Harvest (w/o cripples)	Avg Days Hunted	Percent Success	Average Satisfaction
	Resident	Nonres	Total				
1997	958	119	1,077	403	2.98	37%	NA
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

2006 Tundra Swan Harvest Projections

Last Revised: 11 April 07

	Licenses								Harvest Projections						
	Resident			Nonresident											
Unit/Type	App. 1st Choice *	Available	Sold	App. 1st Choice *	Available	Sold	Response Rate	Unit Success	Cripples **	Adults	Juvnles	Unk.	Total Harvest	Ave. Days Hunted	Ave. Satis-faction
00A-81	192	1,100	635	81	200	166	84.2%	20%	17	145	18	0	163	3.70	4.94

** Number of 1st drawing applicants with that season as 1st choice.*
For those responding, 24.2% 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 2006

Month	Day	Rpt'd Harvest Number	% of Total Rpt Harvest	Month	Day	Rpt'd Harvest Number	% of Total Rpt Harvest
September	30	0		**November**	8	1	0.74%
October	1	0			9	2	1.47%
	2	0			10	8	5.88%
	3	0			11	9	6.62%
	4	0			12	3	2.21%
	5	0			13	0	
	6	1	0.74%		14	2	1.47%
	7	0			15	1	0.74%
	8	1	0.74%		16	0	
	9	0			17	2	1.47%
	10	0			18	2	1.47%
	11	0			19	1	0.74%
	12	1	0.74%		20	1	0.74%
	13	3	2.21%		21	1	0.74%
	14	0			22	0	
	15	2	1.47%		23	2	1.47%
	16	0			24	0	
	17	1	0.74%		25	1	0.74%
	18	0			26	0	
	19	4	2.94%		27	0	
	20	1	0.74%		28	0	
	21	9	6.62%		29	0	
	22	4	2.94%		30	0	
	23	1	0.74%	**December**	1	0	
	24	2	1.47%		2	0	
	25	3	2.21%		3	0	
	26	3	2.21%		4	0	
	27	4	2.94%		5	0	
	28	10	7.35%		6	0	
	29	5	3.68%		7	0	
	30	4	2.94%		8	0	
	31	3	2.21%		9	0	
November	1	5	3.68%		10	0	
	2	5	3.68%		11	0	
	3	5	3.68%		12	0	
	4	5	3.68%		13	0	
	5	1	0.74%		14	0	
	6	2	1.47%		15	0	
	7	4	2.94%		16	0	

September Subtotal:	***0***	***0.00%***
October Subtotal:	***62***	***45.59%***
November Subtotal:	***63***	***46.32%***
December Subtotal:	***0***	***0.00%***
Unknown:	***11***	***8.09%***
TOTAL REPORTED:	**136**	

Last updated: 11 April 07

2006 Tundra Swan Harvest Summary By Residency

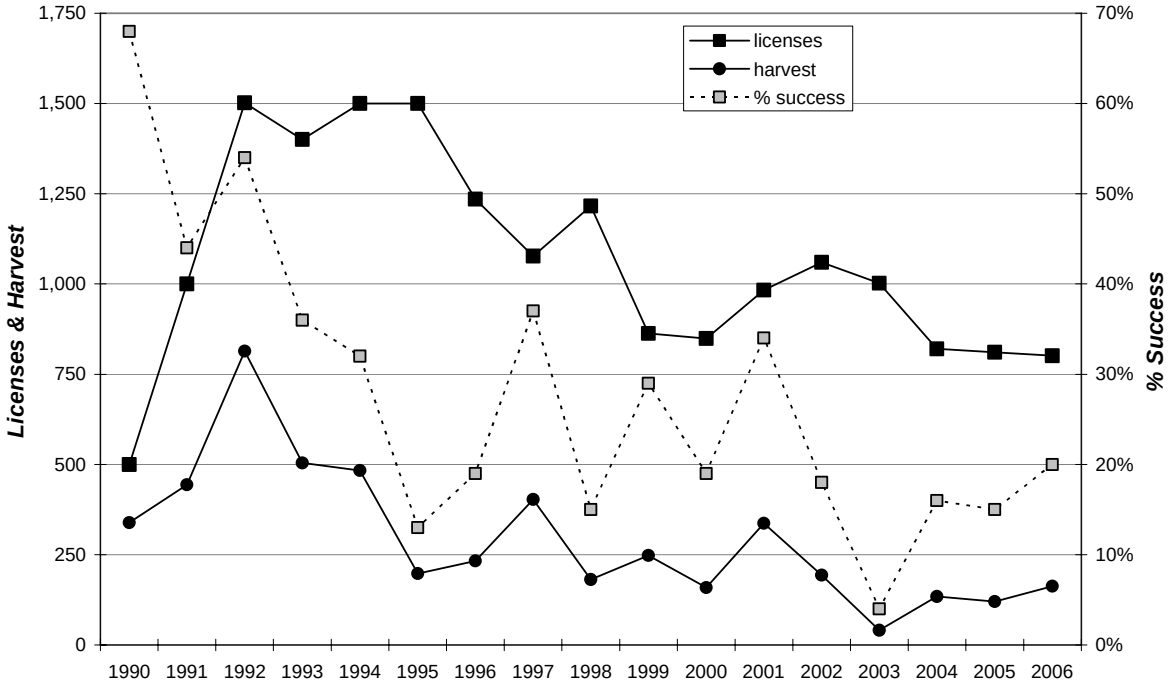
HARVEST SUMMARY

Residency	# License Holders	# Did Not Hunt	Ave. Days Hunted (if hunted)	Satisfaction	Success (not incl. Cripples)
Resident	635	137 (21.6%)	4.8	4.9	20.6%
NonRes.	166	24 (14.5%)	5.3	5.0	18.8%

DISTRIBUTION OF REPORTED HARVEST BY COUNTY

Residents				Nonresidents			
County	# Killed	% of Res. Kill	% of Total Kill	County	# Killed	% of Nonres. Kill	% of Total Kill
Brown	23	20.7%	16.9%	Brown	5	20.0%	3.7%
Beadle	1	0.9%	0.7%	Beadle	0		
Codington	4	3.6%	2.9%	Codington	0		
Clark	25	22.5%	18.4%	Clark	7	28.0%	5.1%
Day	24	21.6%	17.6%	Day	9	36.0%	6.6%
Deuel	5	4.5%	3.7%	Deuel	0		
Edmunds	1	0.9%	0.7%	Edmunds	0		
Hamlin	1	0.9%	0.7%	Hamlin	0		
Kingsbury	2	1.8%	1.5%	Kingsbury	0		
McPherson	9	8.1%	6.6%	McPherson	1	4.0%	0.7%
Marshall	3	2.7%	2.2%	Marshall	1	4.0%	0.7%
Potter	1	0.9%	0.7%	Potter	0		
Roberts	5	4.5%	3.7%	Roberts	2	8.0%	1.5%
Spink	4	3.6%	2.9%	Spink	0		
Walworth	3	2.7%	2.2%	Walworth	0		
Total	**111**	**100.0%**	**81.6%**	**Total**	**25**	**100.0%**	**18.4%**

TUNDRA SWAN HARVEST, 1990-2006



DUCKS (all species)

The 2006 duck season was open 23 September 2006 - 4 January 2007 statewide, although some units/zones may have opened later and/or closed sooner. Harvest surveys were sent to both resident and nonresident hunters. 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 2006, there were an estimated 18,880 hunters who hunted at least one day for ducks (14,531 residents, 4,349 nonresidents). From the survey responses, there were a projected total of 254,845 ducks harvested (203,870 by residents, 50,975 by nonresidents). Nonresidents reported harvesting 15.1% of their ducks within 20 miles of the Missouri River. Average bag for residents was 14.03, 13.00 for nonresidents with the 10-day or season-long license, and 7.00 for nonresidents with the 3-day license.

When asked their satisfaction on the season, (1 being most dissatisfied, 7 being most satisfied), duck hunters reported an average satisfaction rating of 4.95 for residents and 5.21 for nonresidents.

The average days hunted by all hunters (7.26 residents, 5.19 10-day or season long nonresidents, and 2.61 3-day nonresidents) projected to a total of 125,674 recreation days for the season.

Comparison of the 2000 - 2006 duck harvests

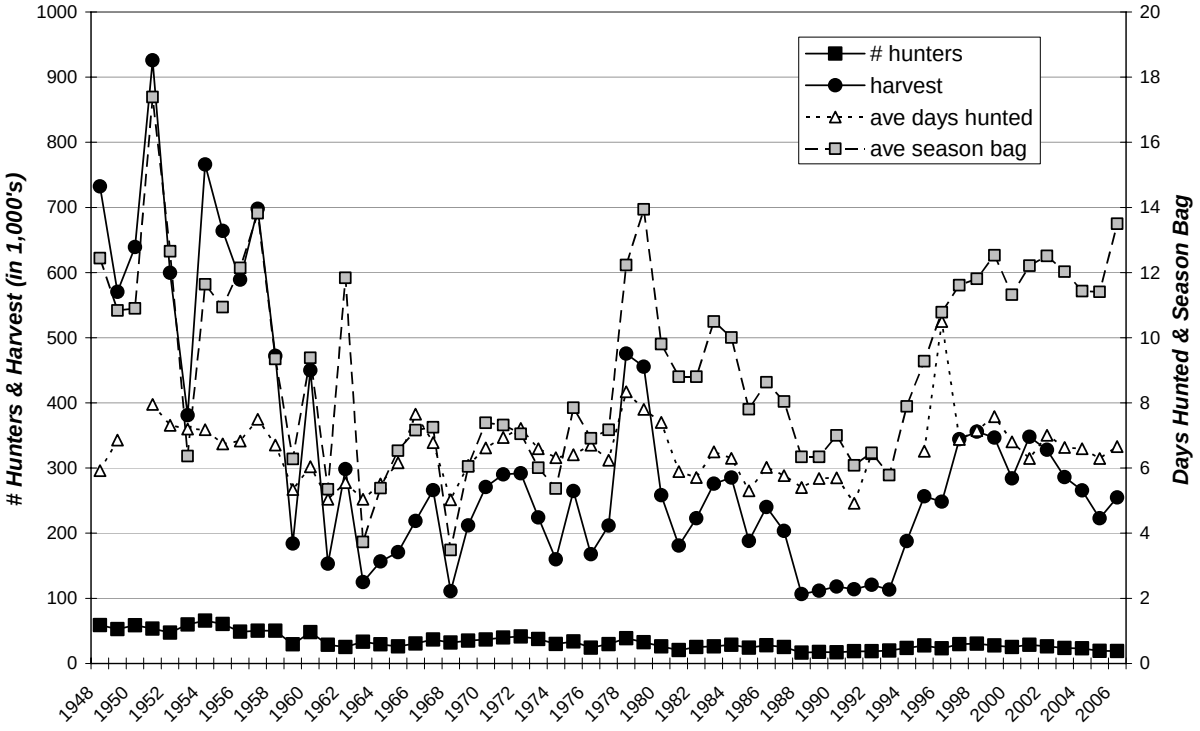
	Resident Hunters					***Nonresident Hunters***				
Year	***Number Hunters***	***Harvest***	***Ave Day Hunted***	***Ave Bag***	***Satis-faction***	***Number Hunters***	***Harvest***	***Ave Day Hunted***	***Ave Bag***	***Satis-faction***
1999	26,172	334,478	8.06	12.78	4.48	3,288	41,917	4.59	10.95	4.78
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

DUCK HARVEST SUMMARY FOR 2006

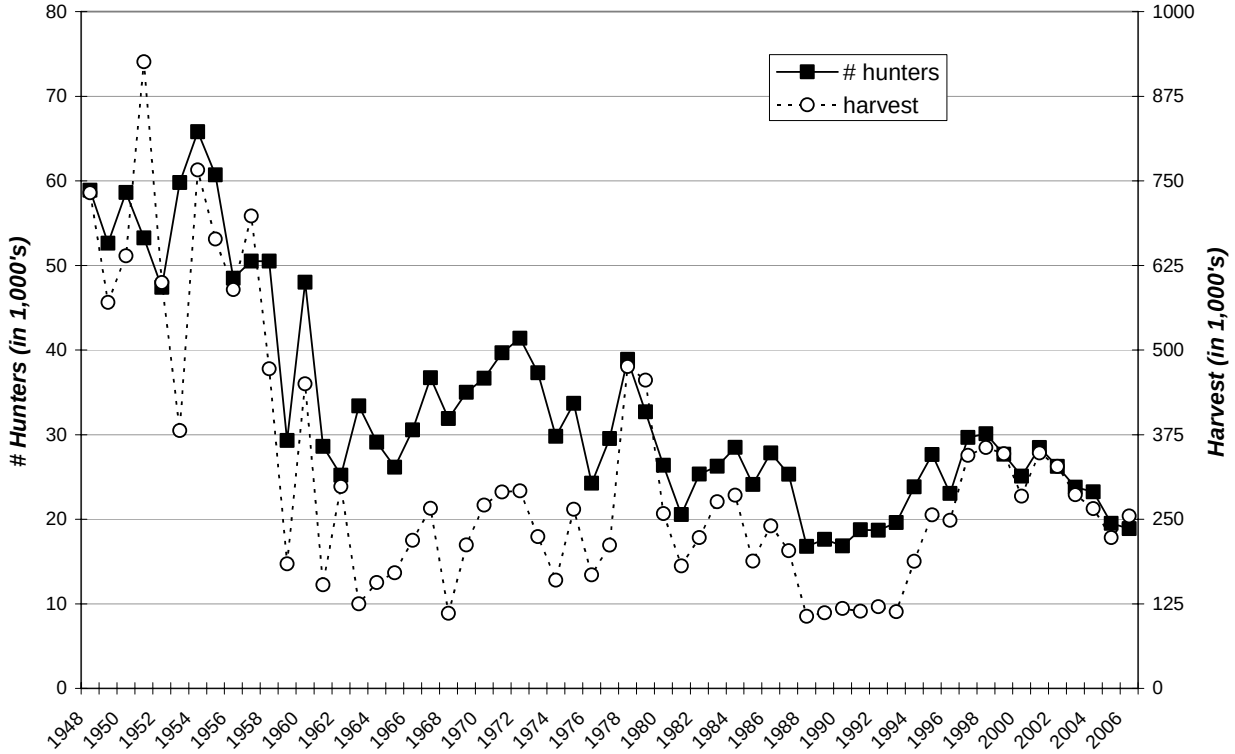
Last Revised: 6 June 07

	Resident	Non Residents
No. Resident Hunters Reporting Duck Days	1,072	-
Total Reported Duck Hunted Days	7,784	-
Average Days Hunted Ducks	**7.26**	-
Total Reported Ducks Bagged	15,036	-
Average Duck Bag for Season	**14.03**	-
Projected Days Duck Hunting	**105,495**	-
Projected No. Duck Hunters	**14,531**	-
Projected Duck Bag	**203,870**	-
TOTAL RESIDENT DUCK HARVEST =	***203,870***	
Nonresident 10-day and Season-long Licenses		
No. Hunters Reporting Duck Days	-	746
Total Reported Duck Hunted Days	-	3,874
Average Days Hunted Ducks	-	**5.19**
Total Reported Ducks Bagged	-	9,696
Average Duck Bag for Season	-	**13.00**
Projected Days Duck Hunting	-	**17,760**
Projected No. Duck Hunters	-	**3,422**
Projected Duck Bag	-	**44,486**
Duck Harvest Reported Within 20 Miles of Missouri River	-	1,473
Projected Ducks Bagged w/in 20 miles of Missouri River	-	**6,758**
Nonresident 3-day Licenses		
No. Hunters Reporting Duck Days	-	160
Total Reported Duck Hunted Days	-	418
Average Days Hunted Ducks	-	**2.61**
Total Reported Ducks Bagged	-	1,120
Average Duck Bag for Season	-	**7.00**
Projected Days Duck Hunting	-	**2,419**
Projected No. Duck Hunters	-	**927**
Projected Duck Bag	-	**6,489**
Duck Harvest Reported Within 20 Miles of Missouri River	-	161
Projected Ducks Bagged w/in 20 miles of Missouri River	-	**933**
TOTAL NONRESIDENT DUCK HARVEST =	***50,975***	
TOTAL DUCK HARVEST =	***254,845***	

STATEWIDE DUCK (all species) HARVEST, 1948-2006



STATEWIDE DUCK SEASON PARTICIPATION, 1948-2006



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 seasons.

The 2006 Canada goose season was open from 28 October 2006 - 9 February 2007 statewide, although some units may have opened later and/or closed sooner. Harvest surveys were sent to both resident and nonresident hunters. The daily bag was 5 geese prior to 23 September; after then it was 3 geese except in those portions of Grant and Roberts counties east of SD 15 and north of SD 20 where the daily limit was 2 geese beginning Dec. 1. 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 2006, there were a projected 18,892 hunters who hunted at least one day for Canada geese (16,103 residents, 2,789 nonresidents). From the survey responses, there were a projected total of 125,776 Canada geese harvested (118,357 by residents, 7,419 by nonresidents). Average Canada goose bag for residents was 7.35, for nonresidents 2.66.

When asked their satisfaction on the season, (1 being least satisfied, 7 being most satisfied), Canada goose hunters reported an average rating of 4.95 for residents and 5.21 for nonresidents. The average days hunted by all hunters (7.53 residents, 4.03 nonresidents) projected to a total of 132,495 recreation days for the season. Over half of residents and nonresidents reported hunting primarily on private land.

Comparison of the 2000 - 2006 Canada goose harvests:

	Resident Hunters					***Nonresident Hunters***				
Year	***Number Hunters***	***Harvest***	***Ave Day Hunted***	***Ave Bag***	***Satis-faction***	***Number Hunters***	***Harvest***	***Ave Day Hunted***	***Ave Bag***	***Satis-faction***
2000	21,863	132,053	7.50	6.04	3.42	2,493	7,130	3.89	2.86	3.15
2001	25,375	142,608	7.51	5.62	3.28	2,499	6,422	4.09	2.57	2.84
2002	22,484	125,236	7.66	5.57	3.41	2,959	7,279	3.75	2.46	3.06
2003	21,860	135,751	7.16	6.21	3.11	3,110	9,050	3.56	2.91	2.82
2004	19,365	100,504	6.98	5.19	3.61	2,481	5,185	3.82	2.09	3.33
2005	15,288	83,167	6.53	5.44	3.35	2,343	4,803	3.84	2.05	3.03
2006	16,103	118,357	7.53	7.35	4.95	2,789	7,419	4.03	2.66	5.21

CANADA GOOSE HARVEST PROJECTIONS FOR 2006

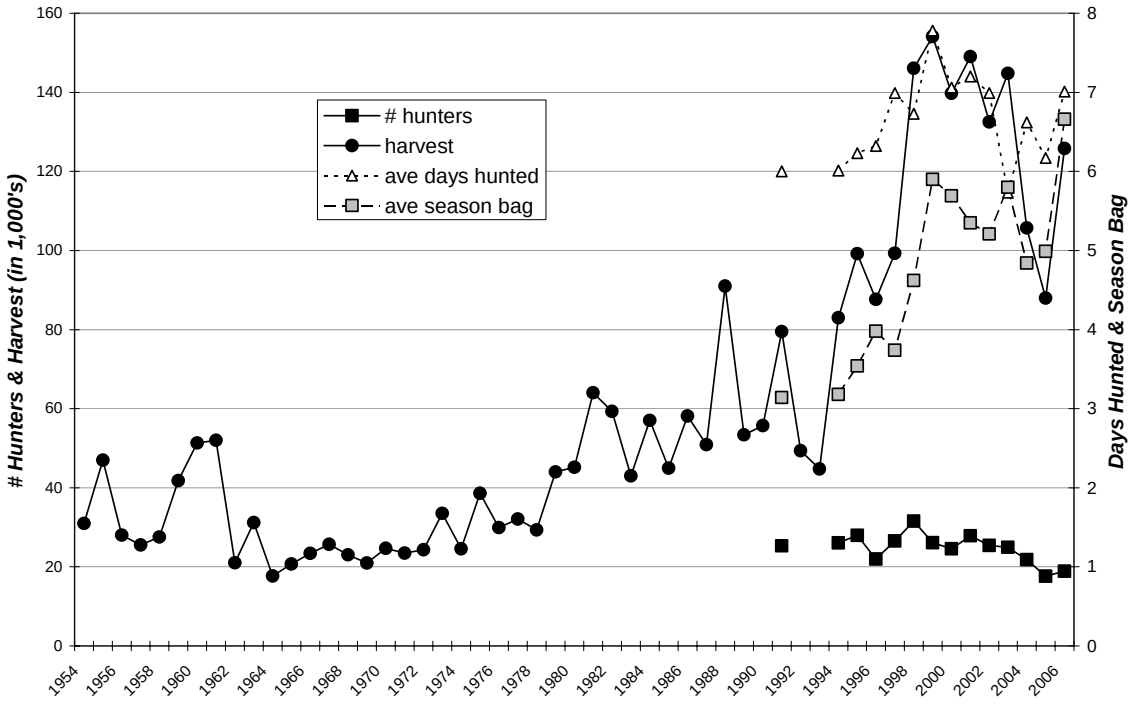
Last Revised: 6 June 07

	Resident	Non Residents
No. Hunters Reporting Goose Days	1,285	686
Projected No. Goose Hunters	**17,418**	**2,980**
Geese Reported w/i 20 miles of Missouri River	2,548	805
Projected Geese Bagged w/in 20 miles of Missouri River	**34,537**	**3,497**
TOTAL GOOSE HUNTERS =	***20,398***	
All Seasons:		
No. Hunters Reporting Canada Goose Days	1,188	642
Total Reported Canada Goose Hunted Days	8,940	2,588
Average Days Hunted Canada Geese	**7.53**	**4.03**
Total Reported Canada Geese Bagged	8,736	1,708
Average Canada Goose Bag for Season	**7.35**	**2.66**
Projected Days Canada Goose Hunting	**121,256**	**11,240**
Projected No. Canada Goose Hunters	**16,103**	**2,789**
Projected Canada Goose Bag	**118,357**	**7,419**
TOTAL CANADA GOOSE HARVEST =	***125,776***	
Canada Goose Hunter Reported Public Land Type Use	558	286
Canada Goose Hunter Projected Public Land Type Use *	**7,563**	**1,242**
Canada Goose Hunter Reported Private Land Type Use	877	502
Canada Goose Hunter Projected Private Land Type Use *	**11,887**	**2,181**
Canada Goose Hunter Reported Walk-In Land Type Use	222	128
Canada Goose Hunter Projected Walk-In Land Type Use *	**3,009**	**556**
Canada Goose Hunter Reported Commercial Land Type Use	17	8
Canada Goose Hunter Projected Commercial Land Type Use *	**230**	**35**
Canada Goose Hunter Mean Satisfaction Score *1*	4.95	5.21

** Total may be greater than total licenses because hunters reported using more than one land type during season*

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

STATEWIDE CANADA GOOSE (all seasons) HARVEST, 1954-2006



EARLY FALL CANADA GOOSE

The 2006 Early Fall Canada goose season was open from 1-10 September in Campbell, Walworth, McPherson, Edmunds, Faulk, Brown, and Spink counties (Unit A), and from 1-22 September in Marshall, Roberts, Day, Grant, Clark, Codington, Hamlin, and Deuel counties (Unit B). It was also open from 9-22 September in all or portions of Beadle, Kingsbury, Brookings, Sanborn, Miner, Lake, Moody, McCook, Hanson, Turner, Lincoln, Union, and Minnehaha counties (Unit C, residents only). 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 2006, there were 24,652 hunters licensed to hunt the Early Fall Canada goose season (24,345 residents, 307 nonresidents). About 12.1% (2,953) of the resident hunters and 79.8% (245) of the nonresident hunters were surveyed. The survey response rates were 66.6% for residents and 73.9% for nonresidents.

In 2006, there were a projected 898 hunters who hunted at least one day in Unit A (854 residents, 44 nonresidents), 3,018 who hunted at least one day in Unit B (2,799 residents, 219 nonresidents), 2,179 residents who hunted at least one day in Unit C. From the survey responses, there were a projected 3,152 Canada geese harvested in Unit A, 14,388 in Unit B, and 8,215 in Unit C.

The average days hunted by all hunters projected to a total of 18,829 recreation days for the season. Hunter reports indicated 23% of hunting occurred on public land, 70% on private land, and 7% on walk-in-areas.

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 - 2006 Early Fall Canada goose harvests:

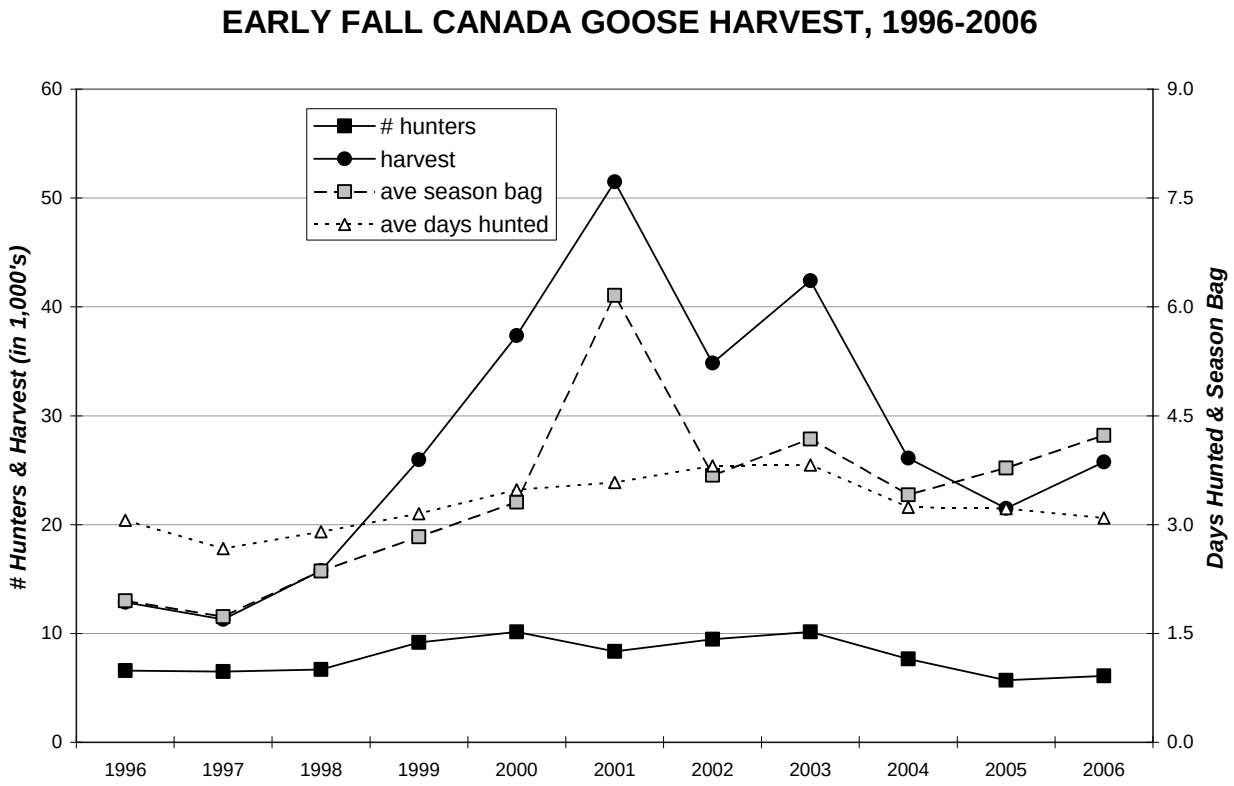
Year	*Number Hunters*	*Harvest*	*Average Days Hunted*	*Average Season Bag*
1997	6,506	11,281	2.67	1.73
1998	6,682	15,768	2.90	2.36
1999	9,173	25,960	3.15	2.83
2000	10,142	37,365	3.83	3.68
2001	8,358	51,491	3.58	6.16
2002	9,459	34,831	3.80	3.68
2003	10,152	42,417	3.82	4.18
2004	7,662	26,113	3.24	3.41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

EARLY FALL CANADA GOOSE HARVEST PROJECTIONS FOR 2006

Last Revised: 28 Feb 07

	Resident	Non Residents
EARLY FALL CANADA GOOSE SEASON Licenses Sold *1*	**24,345**	**307**
Number Sampled by Survey	2,953	245
Number Responded to Survey	1,966	181
Responded and Participated in Season	**435**	**152**
Responded but DID NOT HUNT	1,531	29
Survey Response Rate	**66.6%**	**73.9%**
1 - 10 Sept. Season, Unit A:		
No. Hunters Reporting Canada Goose Days	69	26
Total Reported Canada Goose Hunted Days	157	83
Average Days Hunted Canada Geese	**2.28**	**3.19**
Total Reported Canada Geese Bagged	242	91
Average Canada Goose Bag for Season	**3.51**	**3.50**
Projected Days Canada Goose Hunting	**1,947**	**140**
Projected No. Canada Goose Hunters	**854**	**44**
Projected Canada Goose Bag	**2,998**	**154**
1 - 22 Sept. Season, Unit B:		
No. Hunters Reporting Canada Goose Days	226	129
Total Reported Canada Goose Hunted Days	748	528
Average Days Hunted Canada Geese	**3.31**	**4.09**
Total Reported Canada Geese Bagged	1,063	726
Average Canada Goose Bag for Season	**4.70**	**5.63**
Projected Days Canada Goose Hunting	**9,265**	**896**
Projected No. Canada Goose Hunters	**2,799**	**219**
Projected Canada Goose Bag	**13,155**	**1,233**
9 - 22 Sept. Season, Unit C:		
No. Hunters Reporting Canada Goose Days	176	-
Total Reported Canada Goose Hunted Days	531	-
Average Days Hunted Canada Geese	**3.02**	**-**
Total Reported Canada Geese Bagged	663	-
Average Canada Goose Bag for Season	**3.77**	**-**
Projected Days Canada Goose Hunting	**6,581**	**-**
Projected No. Canada Goose Hunters	**2,179**	**-**
Projected Canada Goose Bag	**8,215**	**-**
TOTAL CANADA GOOSE HARVEST EARLY FALL SEASON = 25,755		
Early Fall Canada Hunter Reported Public Land Type Use	129	32
Early Fall Canada Hunter Projected Public Land Type Use *	**1,597**	**54**
Early Fall Canada Hunter Reported Private Land Type Use	347	136
Early Fall Canada Hunter Projected Private Land Type Use *	**4,297**	**231**
Early Fall Canada Hunter Reported Walk-In Land Type Use	40	10
Early Fall Canada Hunter Projected Walk-In Land Type Use *	**495**	**17**
Canada Goose Hunter Mean Satisfaction Score *2*	4.79	5.08

** Total may be greater than total licenses because hunters reported using more than one land type during season*
**1* For residents: number of licenses based on # Migratory Bird Stamps in the 2006 GF82 database issued through 22 Sept*
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, 1996-2006
hunters
harvest
ave season bag
ave days hunted
Hunters & Harvest (in 1,000's)
Days Hunted & Season Bag
60
50
40
30
20
10
0
9.0
7.5
6.0
4.5
3.0
1.5
0.0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006

SPECIAL CANADA GOOSE

The 2006 Special Unit Canada goose season was open various periods from 21 October to 17 December 2006 in Bennett County. All goose bag limits applied. 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 a specific unit.

In 2006, there were 800 residents licensed to hunt the Special Canada goose season. All license holders were surveyed and the survey response rate was 86%. Approximately 23% of responding hunters used the Internet response system.

From the survey responses, there were an estimated 1,132 Canada geese harvested and 98 crippled; the average Canada goose bag was 1.4. When asked their satisfaction on the season, (1 being least satisfied, 7 being most satisfied), Special Season hunters reported an average rating of 3.95.

2006 Special Canada Goose Unit Harvest Projections

Last Revised:			Licenses									
12-Apr-07			Residents				Unit/Subunit Success		Harvest Projections		Average	Mean
County	Type Description	Unit/Type	Appl. 1st Choice *	Available	Sold	Resp. Rate	Per License	Per Tag	Total Crippled	Total Harvested	Days Hunted	Satisfctn Score
Bennett	3 Geese	11A-85	794	800	800	86%	100+%	47%	98	1,132	1.35	3.95

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 2006 light goose season covered 23 September - 16 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 2006, there were an estimated 7,631 hunters who hunted at least one day for light geese during the regular season (6,316 residents, 1,315 nonresidents). Harvest surveys were sent to both resident and nonresident hunters. From survey responses, there was a projected harvest of 86,735 light geese (80,213 by residents, 6,522 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 5.00 for residents and 5.14 for nonresidents. The average days hunted by all hunters (6.12 residents, 4.12 for nonresidents) projected to a total of 44,072 recreation days for the season. Over 50% of residents and nonresidents reported hunting on private land.

Comparison of the 2000 - 2006 regular season light goose harvests:

	Resident Hunters					***Nonresident Hunters***				
Year	***Number Hunters***	***Harvest***	***Ave Day Hunted***	***Ave Bag***	***Satis-faction***	***Number Hunters***	***Harvest***	***Ave Day Hunted***	***Ave Bag***	***Satis-faction***
2000	7,643	49,680	5.64	6.50	3.48	804	1,198	4.29	1.49	3.49
2001	10,429	68,519	5.43	6.57	3.04	1,090	2,645	3.71	2.42	2.83
2002	9,091	66,819	5.53	7.35	3.25	1,134	2,633	3.44	2.32	3.14
2003	9,360	102,211	5.40	10.92	2.98	1,195	4,464	3.76	3.74	2.71
2004	7,471	64,848	5.68	8.68	3.65	861	1,898	4.00	2.20	3.55
2005	5,984	65,465	5.59	10.94	3.34	709	1,779	4.55	2.51	3.21
2006	6,316	80,213	6.12	12.70	5.00	1,315	6,522	4.12	4.96	5.14

REGULAR LIGHT GOOSE HARVEST PROJECTIONS FOR 2006

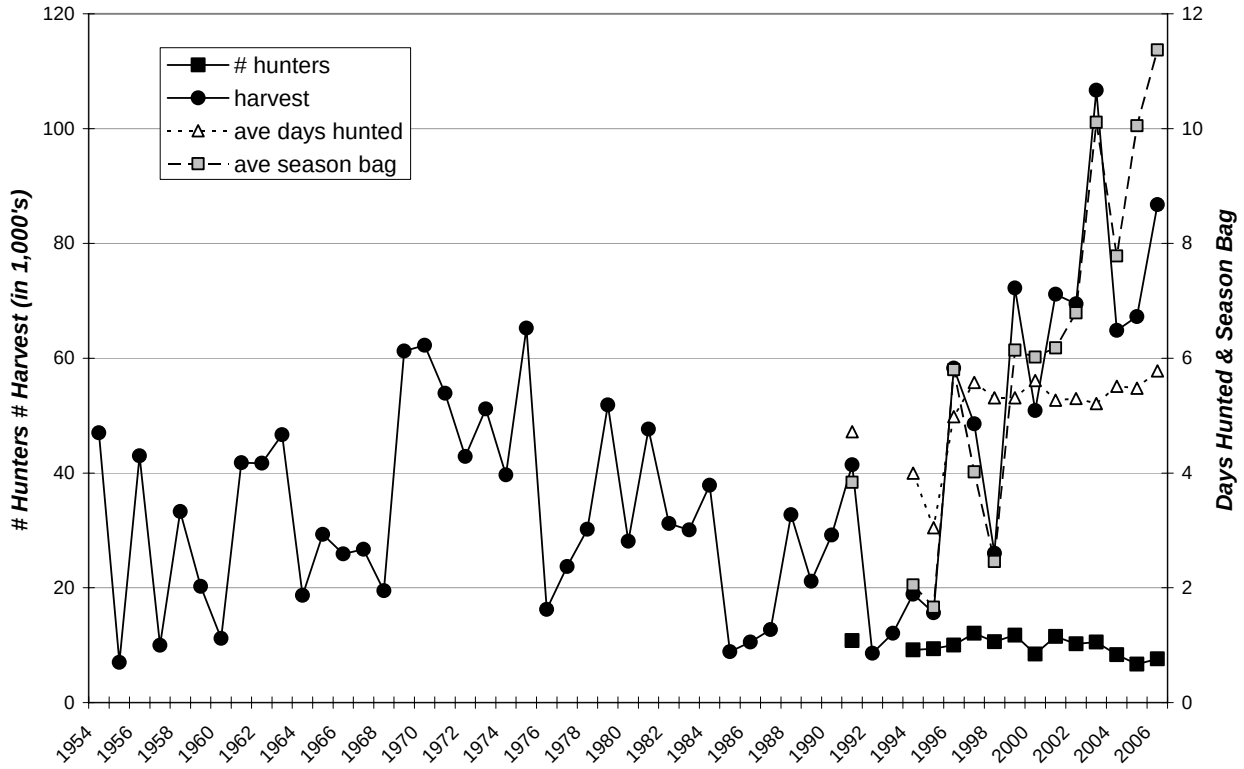
Last Revised: 6 June 07

	Resident	Non Residents
Residents, Regular Season:		
No. Hunters Reporting Light Goose Days	466	-
Total Reported Light Goose Hunted Days	2,854	-
Average Days Hunted Light Geese	**6.12**	-
Total Reported Light Geese Bagged	5,917	-
Average Light Goose Bag for Season	**12.70**	-
Projected Days Light Goose Hunting	**38,654**	-
Projected No. Light Goose Hunters	**6,316**	-
Projected Light Goose Bag	**80,213**	-
TOTAL RESIDENT LIGHT GOOSE HARVEST REGULAR SEASON =	***80,213***	
Nonresident 10-day and Season-long Licenses		
No. Hunters Reporting Light Goose Days	-	226
Total Reported Light Goose Hunted Days	-	1,038
Average Days Hunted Light Geese	-	**4.59**
Total Reported Light Geese Bagged	-	1,206
Average Light Goose Bag for Season	-	**5.34**
Projected Days Light Goose Hunting	-	**4,760**
Projected No. Light Goose Hunters	-	**1,037**
Projected Light Goose Bag	-	**5,538**
Nonresident 3-day Licenses		
No. Hunters Reporting Light Goose Days	-	48
Total Reported Light Goose Hunted Days	-	113
Average Days Hunted Light Geese	-	**2.35**
Total Reported Light Geese Bagged	-	170
Average Light Goose Bag for Season	-	**3.54**
Projected Days Light Goose Hunting	-	**653**
Projected No. Light Goose Hunters	-	**278**
Projected Light Goose Bag	-	**984**
TOTAL NONRESIDENT LIGHT GOOSE HARVEST REGULAR SEASON =	***6,522***	
TOTAL LIGHT GOOSE HARVEST REGULAR SEASON =	***86,735***	
Light Goose Hunter Reported Public Land Type Use	278	137
Light Goose Hunter Projected Public Land Type Use *	**3,768**	**595**
Light Goose Hunter Reported Private Land Type Use	335	219
Light Goose Hunter Projected Private Land Type Use *	**4,541**	**951**
Light Goose Hunter Reported Walk-In Land Type Use	116	67
Light Goose Hunter Projected Walk-In Land Type Use *	**1,572**	**291**
Light Goose Hunter Reported Commercial Land Type Use	4	2
Light Goose Hunter Projected Commercial Land Type Use *	**54**	**9**
Light Goose Hunter Mean Satisfaction Score *1*	5.0	5.14

** Total may be greater than total licenses because hunters reported using more than one land type during season*

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

STATEWIDE REGULAR SEASON LIGHT GOOSE HARVEST, 1954-2006



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 2006 Light Goose Conservation Order covered 1 February - 8 May statewide. This was the 8th 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 hunt during the conservation order.

Harvest surveys were sent to both resident and nonresident hunters. In 2006, there were a projected 6,914 licenseholders who hunted at least one day for light geese during the conservation order dates (3,764 residents, 3,150 nonresidents). From the survey responses, there were a projected total of 99,547 light geese harvested.

The average days hunted by all hunters projected to a total of 35,029 recreation days for the conservation order. The average season bag from hunters reporting use of electronic callers was 19.2 for residents and 11.8 for nonresidents. The average season bag for hunters reporting after sunset hunting was 8.3 for residents and 9.6 for nonresidents. Approximately 7.3% of resident hunters and 10.0% of nonresident hunters reached the daily bag limit at least once.

Comparison of the 1999 - 2006 Conservation Order light geese harvests:

	Resident Hunters			***Nonresident Hunters***		
Year	***Number Hunters***	***Harvest***	***Total Days Hunted***	***Number Hunters***	***Harvest***	***Total Days Hunted***
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

CONS. ORDER LIGHT GOOSE HARVEST PROJECTIONS FOR 2006

Last Revised: 18 August 06

	Resident	Non Residents
CONSERVATION ORDER LIGHT GOOSE Licenses Sold *3*	11,512	3,280
Projected ACTIVE CONS ORDER LIGHT GOOSE HUNTERS	**3,764**	**3,150**
Number Sampled for Survey	3,228	585
Number Responded to Survey	2,548	429
Responded and Participated in Season	**833**	**412**
Responded but DID NOT HUNT	1,715	17
Survey Response Rate	**78.9%**	**73.3%**
TOTAL LIGHT GOOSE HARVEST CONSERVATION ORDER = 99,547		
Late Season (Conservation Order) 2/1 - 3/10 Period:		
No. Hunters Reporting Light Goose Days	546	115
Total Reported Light Goose Hunted Days	2,375	412
Average Days Hunted Light Geese	**4.35**	**3.58**
Total Reported Light Geese Bagged	4,659	1,537
Average Light Goose Bag for Season	**8.53**	**13.37**
Projected Days Light Goose Hunting	**10,731**	**3,147**
Projected No. Light Goose Hunters	**2,467**	**879**
Projected Light Goose Bag	**21,044**	**11,752**
TOTAL LIGHT GEESE HARVESTED 2/1 - 3/10 = 32,796		
Late Season (Conservation Order) 3/11 - 5/8 Period:		
No. Hunters Reporting Light Goose Days	549	350
Total Reported Light Goose Hunted Days 3/11-5/8	2,442	1,322
Average Days Hunted Light Geese 3/11-5/8	**4.45**	**3.78**
Total Reported Light Geese Bagged	6,635	4,810
Average Light Goose Bag for Season	**12.09**	**13.74**
Projected Days Light Goose Hunting	**11,036**	**10,115**
Projected No. Light Goose Hunters	**2,480**	**2,676**
Projected Light Goose Bag	**29,983**	**36,768**
TOTAL LIGHT GEESE HARVESTED 3/11 - 5/8 = 66,751		
Reported Number of Hunters Using Electronic Callers	159	207
Reported Harvest by Hunters Using Electronic Callers	3,047	2,447
Reported Number of Hunters Using Unplugged Shotguns	435	326
Reported Number of Hunters Hunting After Sunset	174	112
Reported Harvest by Hunters Hunting After Sunset	1,445	1,080
Projected Number of Hunters Using Electronic Callers	**718**	**1,583**
Average Season Bag for Hunters Using Electronic Callers	**19.16**	**11.82**
Projected Harvest by Hunters Using Electronic Callers	**13,757**	**18,711**
Projected Number of Hunters Using Unplugged Shotguns	**1,965**	**2,492**
Projected Number of Hunters Hunting After Sunset	**786**	**856**
Average Season Bag for Hunters Hunting After Sunset	**8.30**	**9.64**
Projected Harvest by Hunters Hunting After Sunset	**6,524**	**8,252**

**3* Numbers of resident licenses available are based on the number of migratory bird certificates in the 2006 database purchased prior to April*

WHITE-FRONTED GEESE

The 2006 white-fronted goose season was open from 23 September - 16 December statewide. The daily bag limit was 1 goose; and the season possession limit was twice the daily bag. 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 2006, there were a projected 1,734 hunters who hunted at least one day for white-fronted geese (1,152 residents, 582 nonresidents). From the survey responses, there was a projected total of 1,200 white-fronted geese harvested (979 by residents and 221 by nonresidents). Most respondents indicated that they hunted white-fronted geese on private land.

Comparison of the 1999 - 2006 white-fronted goose harvests:

	Resident Hunters				*Nonresident Hunters*			
Year	*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

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 2006

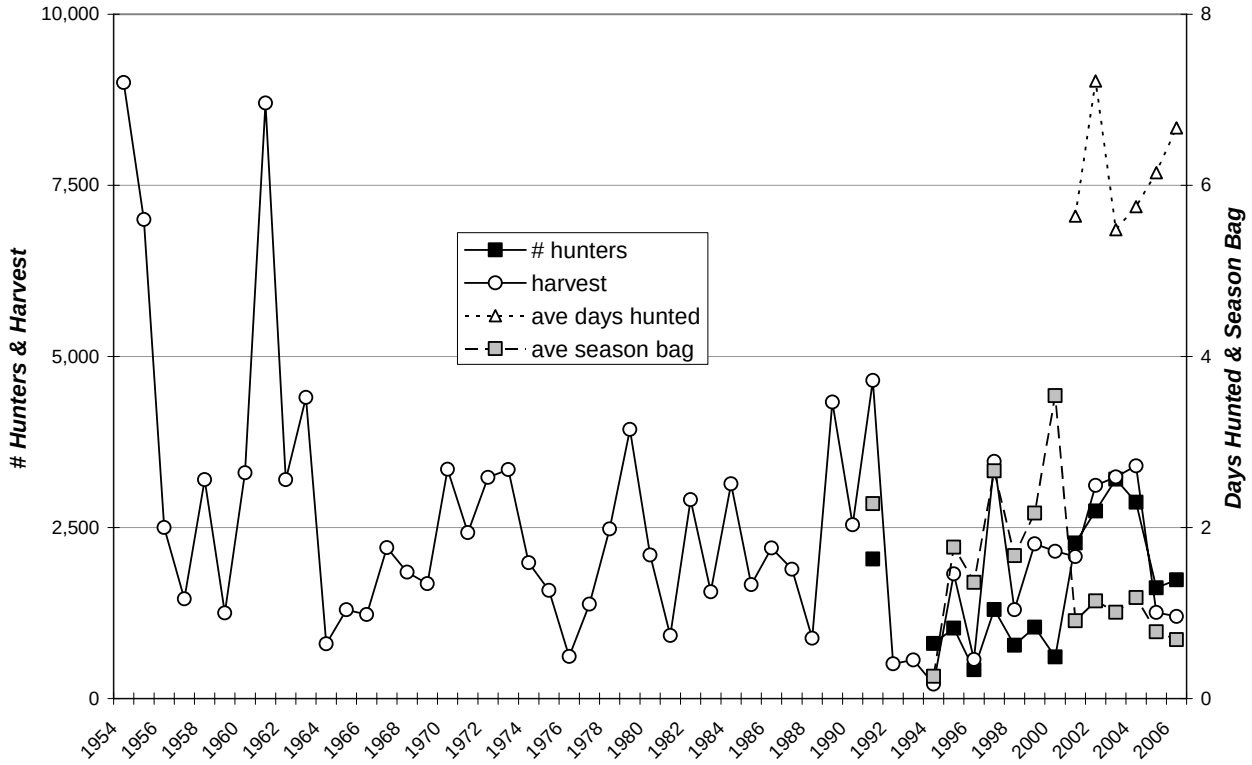
Last Revised: 6 June 07

	Resident	**Non Residents**
No. Hunters Reporting White-fronted Goose Days	85	134
Total Reported White-fronted Goose Hunted Days	645	649
Average Days Hunted White-fronted Geese	**7.59**	**4.84**
Total Reported White-fronted Geese Bagged	72	51
Average White-fronted Goose Bag for Season	**0.85**	**0.38**
Projected Days White-fronted Hunting	**8,744**	**2,817**
Projected No. White-fronted Goose Hunters	**1,152**	**582**
Projected White-fronted Goose Bag	**979**	**221**
TOTAL WHITE-FRONTED GOOSE HARVEST = 1,200		
White-fronted Goose Hunter Reported Public Land Type Use	52	61
White-fronted Goose Hunter Projected Public Land Type Use *	**705**	**265**
White-fronted Goose Hunter Reported Private Land Type Use	63	101
White-fronted Goose Hunter Projected Private Land Type Use *	**854**	**439**
White-fronted Goose Hunter Reported Walk-In Land Type Use	27	33
White-fronted Goose Hunter Projected Walk-In Land Type Use *	**366**	**143**
White-fronted Goose Hunter Reported Commercial Land Type Use	0	2
White-fronted Goose Hunter Projected Commercial Land Type Use *	**0**	**9**
White-fronted Goose Hunter Mean Satisfaction Score *1*	5.02	5.14

** Total may be greater than total licenses because hunters reported using more than one land type during season*

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

STATEWIDE WHITE-FRONTED GOOSE HARVEST, 1954-2006



MOURNING DOVE

The 2006 mourning dove season covered 1 September -30 October statewide. Harvest surveys were sent to resident and nonresident hunters. 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 2006, 33,141 residents and approximately 99,455 nonresidents were licensed to hunt doves. Approximately 9% of the resident migratory bird hunters and nonresident small game hunters were surveyed for the mourning dove season. Survey response rates were 75.8% for residents and 68.1% for nonresidents.

Based on survey responses indicating at least one day of hunting doves, there were an estimated 9,053 dove hunters.

From the survey responses, a projected total of 152,543 doves were harvested during the 2006 season. When asked their satisfaction on the season, (1 being least, 7 being most satisfied), resident dove hunters reported an average satisfaction rating of 4.96, nonresidents 6.57.

Summary comparison of the 2000 - 2006 mourning dove seasons

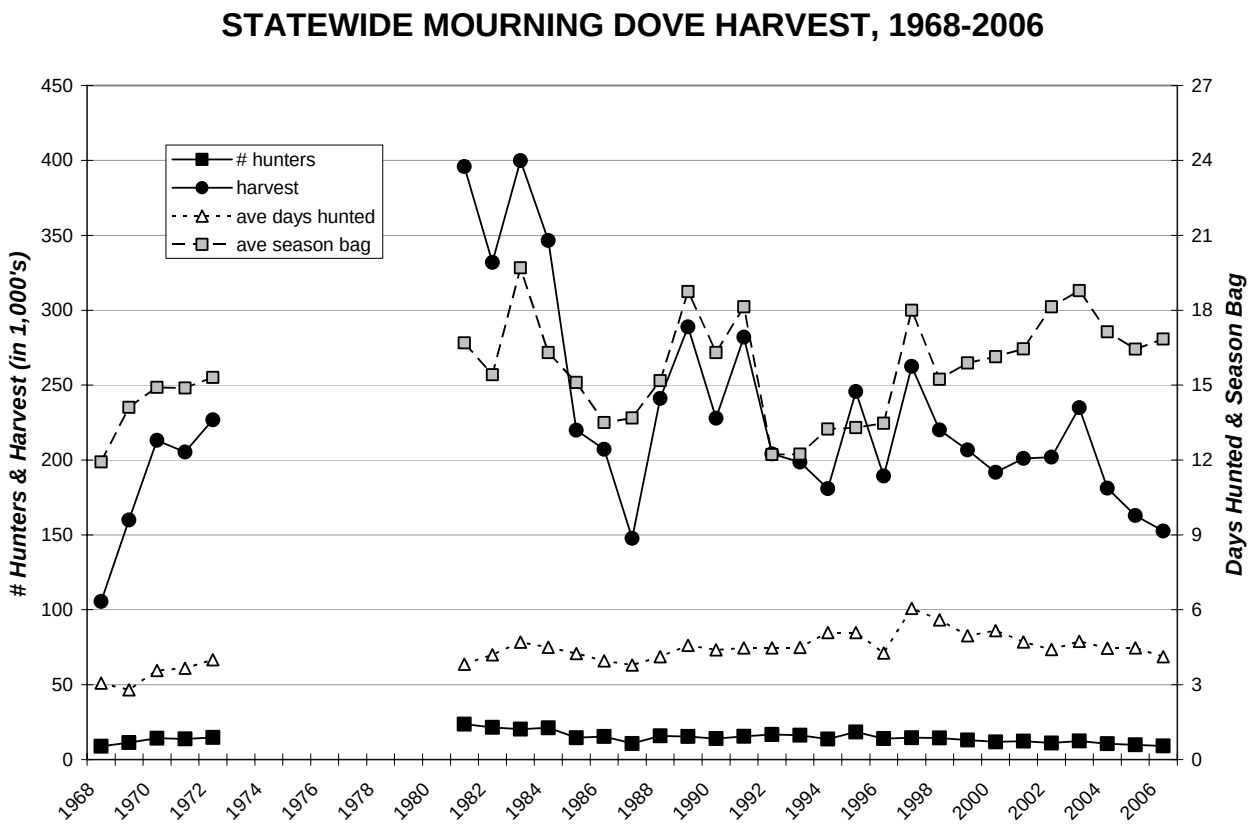
	Resident Hunters					***Nonresident Hunters***				
Year	***Number Hunters***	***Harvest***	***Ave Day Hunted***	***Ave Bag***	***Satis-faction***	***Number Hunters***	***Harvest***	***Ave Day Hunted***	***Ave Bag***	***Satis-faction***
2000	11,881	191,759	5.16	16.14	4.51	unavail	unavail	unavail	unavail	unavail
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

MOURNING DOVE HARVEST PROJECTIONS FOR 2006

Last Revised: 8 June 07

	Resident	**Non Residents**
Licenses Sold *	33,141	99,455
Projected ACTIVE MOURNING DOVE HUNTERS	**8,919**	**134**
Number Sampled by Survey	3,227	7,645
Number Responded to Survey	2,445	5,204
Responded and Participated in Season	658	7
Responded but DID NOT HUNT	**1,787**	**5,197**
Survey Response Rate	**75.8%**	**68.1%**
No. Hunters Reporting Dove Days	658	7
Total Reported Dove Hunted Days	2,718	25
Average Days Hunted Doves	**4.13**	**3.57**
Total Reported Doves Bagged	11,126	90
Average Dove Bag for Season	**16.91**	**12.86**
Projected Days Dove Hunting	**36,835**	**478**
Projected No. Dove Hunters	**8,919**	**134**
Projected Dove Bag	**150,820**	**1,723**
Avg Days Hunted	**4.12**	
TOTAL DOVE HARVEST =	***152,543***	
Dove Hunter Mean Satisfaction Score *1*	4.96	6.57

** Nonresident number represents total number of small game licensees.*
**1* Based on scale of 1-7 with 1=very dissatisfied & 7=very satisfied.*


STATEWIDE MOURNING DOVE HARVEST, 1968-2006
hunters
harvest
ave days hunted
ave season bag
Hunters & Harvest (in 1,000's)
Days Hunted & Season Bag
450
400
350
300
250
200
150
100
50
0
27
24
21
18
15
12
9
6
3
0
1968
1970
1972
1974
1976
1978
1980
1982
1984
1986
1988
1990
1992
1994
1996
1998
2000
2002
2004
2006

SANDHILL CRANE

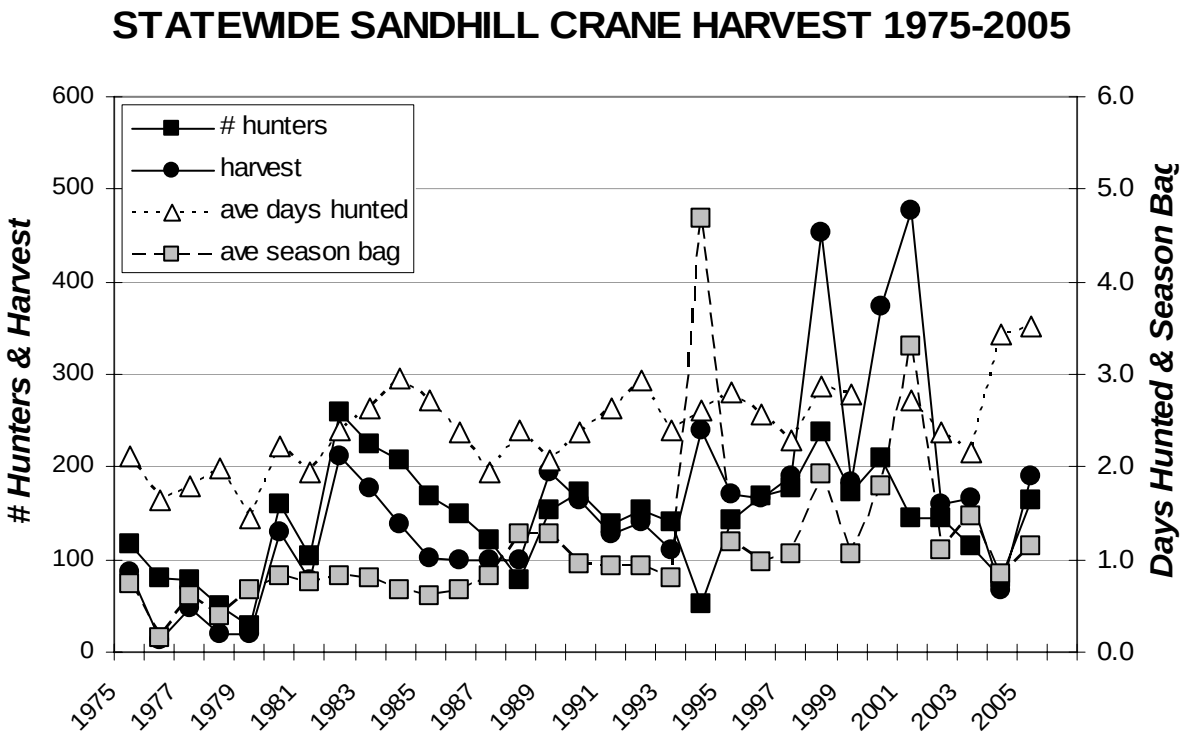
Note: South Dakota does not survey crane hunters. All numbers provided within this section were obtained through the US Fish & Wildlife Service, Waterfowl Harvest Surveys Section, Laurel, MD, or through the Division of Migratory Bird Management, Denver, CO.

The 2006 sandhill crane season covered 23 September -19 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. All hunters were also required to obtain a free Federal Crane Permit.

Comparison of the 2000 - 2006 sandhill crane harvests

Year	*Number of Hunters*	*Harvest*	*Ave Days Hunted*	*Ave Season Bag*
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*	*			

*Note: 2006 estimates were not available at the time of printing.



AMERICAN COOT

Note: South Dakota does not survey coot hunters. All numbers provided within this section were obtained from USFWS Special Scientific Report Wildlife No. 218, except for the 1985-88 estimates, which were obtained through South Dakota Harvest Reports.

The 2006 coot season covered 23 September 2006 - 4 January 2007 statewide, although some units may have opened later and/or closed sooner. The daily limit was 15 birds, possession 30. To hunt coots, 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.

Comparison of the 2000 - 2006 coot harvests

Year	Number of Hunters	Harvest	Ave Days Hunted	Ave Season Bag
2000	unavail	700	unavail	unavail
2001*	<50	0	<1	0
2002*	100	100	1	1
2003*	500	100	2.2	0.2
2004*	400	9,700	2.0	24
2005*	300	5,300	10.3	18
2006	**			

*Note: 2001, 2002, 2003, 2004, and 2005 estimates are preliminary.
**2006 estimates were not available at the time of printing.

COMMON SNIPE

Note: South Dakota does not survey snipe hunters. All numbers provided within this section were obtained from USFWS Special Scientific Report Wildlife No. 218.

The 2006 snipe season covered 1 September - 31 October statewide. The daily limit was 5 birds, possession 15. To hunt snipe, 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.

Comparison of the 2000 – 2006 snipe harvests

Year	Number of Hunters	Harvest	Ave Days Hunted	Ave Season Bag
2000	200	300	unavail	1.50
2001*	50	0	10	0
2002*	50	100	2	2
2003*	500	1,000	1	2
2004*	400	900	1.3	2.3
2005*	300	100	3.3	0.3
2006	**			

*Note: 2001, 2002, 2003, 2004, and 2005 estimates are preliminary.
**2006 estimates were not available at the time of printing.

2006 Harvest Survey Response Rates

Survey Title	Overall Response*	Proportion	
		Internet	Mail-return
Resident Small Game	62.0%	22.3%	77.7%
Resident Migratory Bird	75.9%	16.3%	83.7%
Nonresident Small Game	70.8%	17.7%	82.3%
Nonresident Waterfowl	82.9%	16.0%	84.0%
Resident Early Fall Canada Goose	66.6%	16.1%	83.9%
Nonresident Early Fall Canada Goose	73.9%	20.4%	79.6%
Special Canada Goose	85.6%	22.6%	77.4%
Spring Light Goose	78.1%	16.6%	83.4%
Tundra Swan	84.6%	19.8%	80.2%

***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.**