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# **South Dakota GAME REPORT**

**No. 2012 – 02**

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## ***2011***

**Annual Report**

### **SMALL GAME, UPLAND BIRD & MIGRATORY GAME BIRD HARVEST PROJECTIONS**

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## PREFACE

Harvest estimates reported herein for the 2011 small game, upland bird, and migratory bird seasons were developed as described in Wildlife Survey Manual, 2009-2015, South Dakota Department of Game, Fish and Parks. If species specific methodologies are not reported there, the methodologies are presented within this report.

Corey Huxoll, (Division of Wildlife, Office of Wildlife Administration - Planning - Surveys Section), was responsible for development of these harvest estimates as part of Federal Aid for Wildlife Restoration as Project W-95-R. Sage grouse harvest information was provided by John Kanta (Region I Game Program Manager). Harvest survey responses were received through the Internet using SurveyMonkey® and the GFP Survey Response Website. Paper surveys were processed and encoded by Erin Moehring and Dana Ertz.

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# Statewide Combined Harvest

2011 Statewide Small Game, Upland Bird & Migratory Game Bird Harvest Projection Summary																last revised: 7 June 2012	
Harvest Statistic	Cottontail	Squirrel	Pheasant	Partridge	Grouse	Bobwhite Quail	Tundra Swan	Ducks	Canada Geese (all seasons)	Canada Geese (August Take)	Canada Geese (Sept. season)	Canada Geese (special season)	Light Geese (regular season)	Light Geese (conserv. order)	White-fronted Geese	Mourning Dove	Grand Totals
<b><u>Licenses/Tags</u></b>	<b>Small Game</b>		<b>Upland Birds</b>				<b>Waterfowl</b>										
<b>Resident</b>																	
Licenses Available	unlim.	unlim.	unlim.	unlim.	unlim.	unlim.	1,100	unlim.	unlim.	unlim.	unlim.	800	unlim.	unlim.	unlim.	unlim.	
Proj. Active/Sold/Issued	3,019	1,547	69,120	2,355	6,789	239	978	13,394	13,376	3,211	5,444	800	3,614	2,503	973	6,112	
<b>Nonresident</b>																	
Licenses Available	unlim.	unlim.	unlim.	unlim.	unlim.	unlim.	200	unlim.	unlim.	N/A	unlim.	N/A	unlim.	unlim.	unlim.	unlim.	
Proj. Active/Sold/Issued	529	78	95,077	1,889	6,407	268	178	4,132	2,167	N/A	323	N/A	882	3,617	288	332	
<b>Totals</b>																	
Licenses Available	unlim.	unlim.	unlim.	unlim.	unlim.	unlim.	1,300	unlim.	unlim.	unlim.	unlim.	800	unlim.	unlim.	unlim.	unlim.	
Proj. Active/Sold/Issued	3,548	1,625	164,197	4,244	13,196	507	1,156	17,526	15,543	3,211	5,767	800	4,496	6,120	1,261	6,444	239,863
<b><u>Hunting Recreation</u></b>																	
<b>Residents</b>																	
Average Days Hunted	4.74	4.72	6.83	3.77	4.19	4.20	4.20	7.34	7.28	2.74	N/A	1.38	3.92	5.51	4.24	3.50	
Total Days Hunted	14,599	7,556	464,277	9,045	28,340	1,005	2,873	98,296	97,359	8,794	N/A	833	14,165	15,600	4,130	21,411	778,656
Average Season Bag	6.42	4.33	9.68	1.57	4.09	1.60	0.13	15.95	9.83	9.44	7.63	1.57	10.08	11.85	0.92	13.46	
Mean Satisfaction Score	4.73	4.73	4.78	4.78	4.78	4.78	4.80	5.34	5.31	-	5.26	5.16	5.37	-	5.52	5.27	
<b>Nonresidents</b>																	
Average Days Hunted	3.80	2.00	4.46	4.09	4.01	3.75	4.70	4.43	4.25	N/A	3.70	-	4.66	7.21	5.28	3.65	
Total Days Hunted	1,889	156	423,228	7,730	25,638	1,005	523	18,918	9,211	N/A	1,195	-	4,147	13,112	1,520	1,209	509,480
Average Season Bag	1.68	1.88	9.63	2.01	3.26	0.79	0.15	11.96	2.92	N/A	8.19	-	7.03	20.95	0.40	19.79	
Mean Satisfaction Score	5.35	5.35	5.63	5.63	5.63	5.63	4.90	5.51	5.63	N/A	5.25	-	5.55	-	5.32	5.41	
<b>Total Days Hunted</b>	16,489	7,712	887,505	16,774	53,978	2,010	3,396	117,214	106,569	8,794	N/A	833	18,312	28,712	5,650	22,620	1,288,137
<b><u>Harvest</u></b>																	
Residents	19,835	6,806	644,412	3,719	27,581	383	182	213,642	131,505	30,300	41,512	952	36,419	33,569	896	82,291	
Nonresidents	845	146	910,894	3,771	20,718	211	79	51,098	6,332	-	2,645	-	6,238	77,786	115	6,563	
<b>Total</b>	20,680	6,952	1,555,307	7,491	48,299	593	261	264,740	137,837	30,300	44,157	952	42,657	111,355	1,011	88,854	2,288,680

# **COTTONTAIL & SQUIRREL**

The 2011 cottontail rabbit and tree squirrel seasons covered 1 September 2011 - 29 February 2012. Harvest surveys were sent to nonresident hunters for the period of 1 September – 1 January. All resident hunters that were sent a Small Game Survey at the close of the pheasant season were asked if they hunted, or planned to hunt, cottontails or tree squirrels from September through February. A Cottontail and Squirrel harvest survey was then sent at the end of February to those residents who responded that they did hunt or planned to hunt.

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 2011, there were 88,624 resident and 100,111 nonresident licenses issued that allowed holders to hunt small game. Approximately 31% of residents and 20% of nonresidents were surveyed for the small game seasons. Survey response rates were 41.2% for residents and 50.2% for nonresidents.

Based on survey responses indicating at least one day of hunting cottontail, there were a projected 3,019 resident and 529 nonresident cottontail hunters. Based on survey responses indicating at least one day of hunting squirrels, there were a projected 1,547 resident and 78 nonresident hunters. An estimated 20,680 cottontails and 6,952 squirrels were harvested during the 2011 small 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 4.73, while nonresidents reported a higher rating of 5.35.

## Comparison of the 2002 - 2011 cottontail and squirrel harvests

Year	<b>Cottontails</b>				<b>Squirrels</b>			
	<b>Hunters</b>		<b>Harvest</b>		<b>Hunters</b>		<b>Harvest</b>	
	<b>Resident</b>	<b>Nonres</b>	<b>Resident</b>	<b>Nonres</b>	<b>Resident</b>	<b>Nonres</b>	<b>Resident</b>	<b>Nonres</b>
2002	11,904	1,006	60,146	2,917	7,300	268	29,846	603
2003	15,526	1,016	146,070	2,103	7,857	188	46,308	978
2004	14,794	1,244	164,480	3,545	7,373	188	42,748	451
2005	11,414	2,193	130,348	10,022	3,821	86	15,093	0
2006	9,617	2,236	105,787	10,040	3,503	115	19,792	210
2007	8,732	1,676	87,320	11,430	2,644	200	13,405	240
2008	8,714	1,955	96,203	8,915	2,833	230	11,785	442
2009	7,485	1,304	65,793	6,090	2,827	181	12,156	309
2010	6,011	885	44,481	1,832	2,901	96	12,677	115
2011	3,019	529	19,835	845	1,547	78	6,806	146

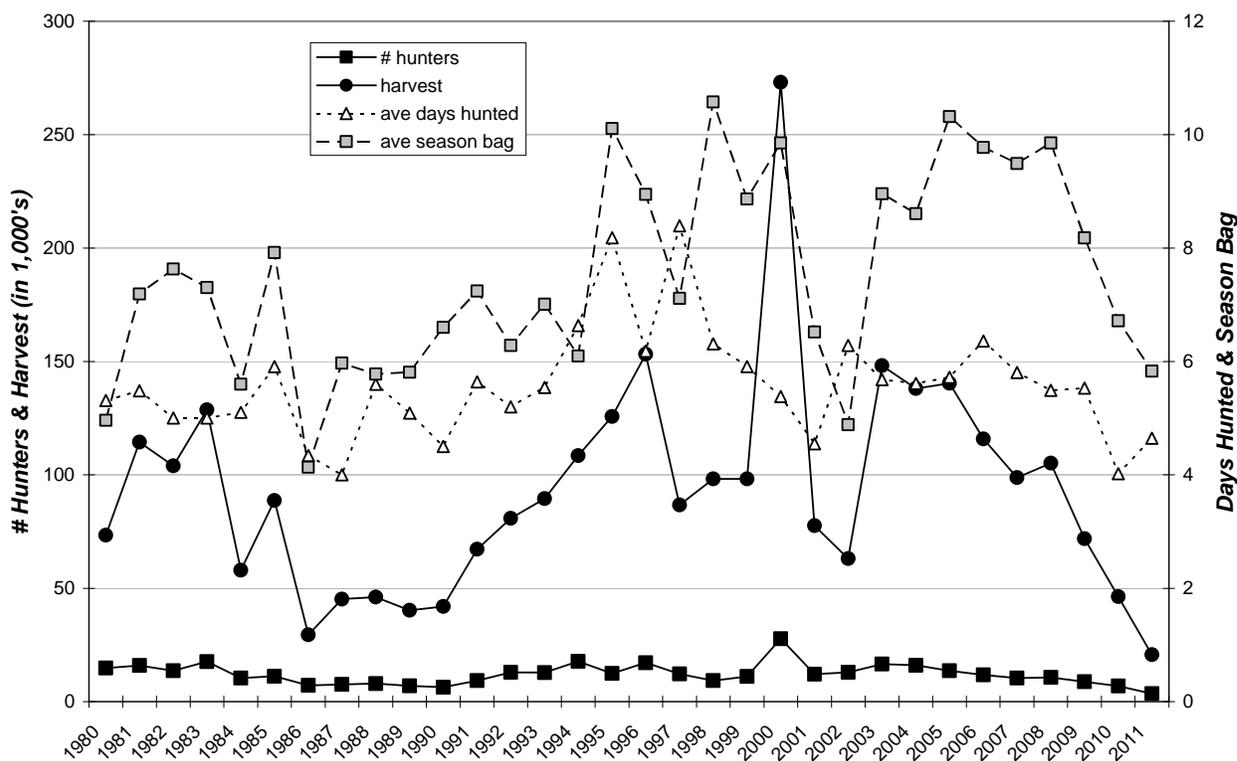
Resident hunter totals include projected hunter totals from the late and "regular" season harvest surveys. Survey format changed in 2005 and again in 2010 and may not be directly comparable to previous years.

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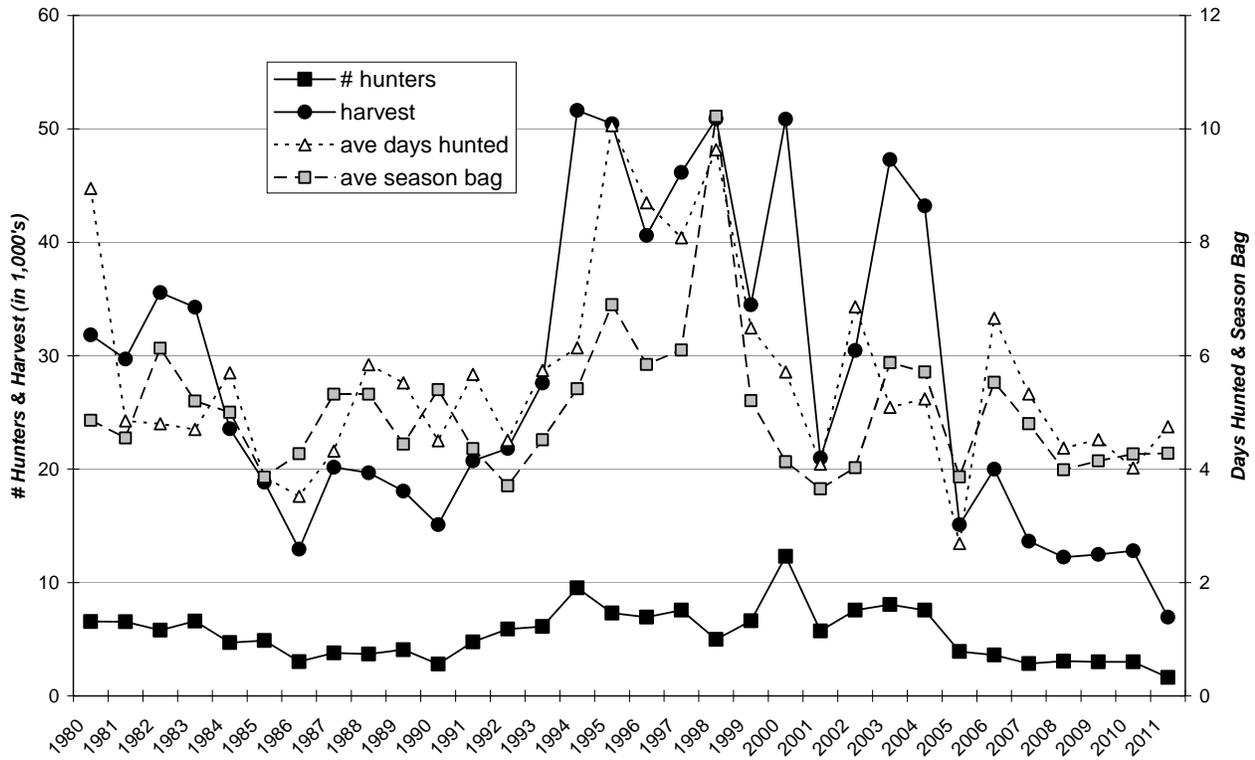
<b>UPLAND GAME HARVEST PROJECTIONS FOR 2011</b>									
Last Revised: 22 March 2012									
	RESIDENT TOTALS BY LICENSE TYPE					NONRESIDENT TOTALS			
	Small Game	Combination	Junior Combo	Youth SmGm	Sum Estimates	Non Res Sm Game	Youth Sm Gm	Sum Estimates	
<b>Licenses Sold</b>	31,871	43,437	7,498	5,818	88,624	96,971	3,140	100,111	
<b>Projected ACTIVE UPLAND GAME HUNTERS</b>	<b>803</b>	<b>1,880</b>	<b>180</b>	<b>313</b>	<b>3,176</b>	<b>505</b>	<b>72</b>	<b>577</b>	
Number Sampled by Survey	9,213	15,699	1,670	1,215	27,797	19,620	377	19,997	
Number Responded to Survey	3,752	6,875	391	421	11,439	9,906	136	10,042	
<b>Responded and Participated in Season Adjusted</b>	146	430	29	55	<b>659</b>	52	3	<b>55</b>	
Responded but DID NOT HUNT	3,606	6,445	362	366	<b>10,780</b>	9,854	133	<b>9,987</b>	
<b>Survey Response Rate</b>	<b>40.7%</b>	<b>43.8%</b>	<b>23.4%</b>	<b>34.7%</b>	<b>41.2%</b>	<b>50.5%</b>	<b>36.1%</b>	<b>50.2%</b>	
No. Hunters Reporting Cottontail Days	67	236	9	26	<b>338</b>	47	3	<b>50</b>	
Sum Cottontail Hunted Days	367	1,055	46	135	<b>1,603</b>	187	3	<b>190</b>	
<b>Average Days Hunted Cottontails</b>	<b>5.48</b>	<b>4.47</b>	<b>5.11</b>	<b>5.19</b>	<b>4.74</b>	<b>3.98</b>	<b>1.00</b>	<b>3.80</b>	
Sum Cottontails Bagged	679	1,313	23	156	<b>2,171</b>	82	2	<b>84</b>	
<b>Average Cottontail Bag for Season</b>	<b>10.13</b>	<b>5.56</b>	<b>2.56</b>	<b>6.00</b>	<b>6.42</b>	<b>1.74</b>	<b>0.67</b>	<b>1.68</b>	
<b>Projected Days Cottontail Hunting</b>	<b>4,098</b>	<b>7,902</b>	<b>893</b>	<b>1,706</b>	<b>14,599</b>	<b>1,818</b>	<b>72</b>	<b>1,889</b>	
<b>Projected No. Cottontail Hunters</b>	<b>748</b>	<b>1,768</b>	<b>175</b>	<b>329</b>	<b>3,019</b>	<b>457</b>	<b>72</b>	<b>529</b>	
<b>Projected Cottontail Bag</b>	<b>7,582</b>	<b>9,835</b>	<b>446</b>	<b>1,971</b>	<b>19,835</b>	<b>797</b>	<b>48</b>	<b>845</b>	
<b>TOTAL COTTONTAIL HARVEST =</b>						<b>20,680</b>			
No. Hunters Reporting Squirrel Days	38	159	7	18	<b>222</b>	8	0	<b>8</b>	
Sum Squirrel Hunted Days	189	709	39	110	<b>1,047</b>	16	0	<b>16</b>	
<b>Average Days Hunted Squirrels</b>	<b>4.97</b>	<b>4.46</b>	<b>5.57</b>	<b>6.11</b>	<b>4.72</b>	<b>2.00</b>	<b>0.00</b>	<b>2.00</b>	
Sum Squirrels Bagged	134	693	35	100	<b>962</b>	15	0	<b>15</b>	
<b>Average Squirrel Bag for Season</b>	<b>3.53</b>	<b>4.36</b>	<b>5.00</b>	<b>5.56</b>	<b>4.33</b>	<b>1.88</b>	<b>0.00</b>	<b>1.88</b>	
<b>Projected Days Squirrel Hunting</b>	<b>1,653</b>	<b>3,983</b>	<b>438</b>	<b>1,482</b>	<b>7,556</b>	<b>156</b>	<b>0</b>	<b>156</b>	
<b>Projected No. Squirrel Hunters</b>	<b>332</b>	<b>893</b>	<b>79</b>	<b>242</b>	<b>1,547</b>	<b>78</b>	<b>0</b>	<b>78</b>	
<b>Projected Squirrel Bag</b>	<b>1,172</b>	<b>3,894</b>	<b>393</b>	<b>1,347</b>	<b>6,806</b>	<b>146</b>	<b>0</b>	<b>146</b>	
<b>TOTAL SQUIRREL HARVEST =</b>						<b>6,952</b>			
<b>Mean Satisfaction Score *</b>	4.88	4.66	5.09	4.81	4.73	5.39	4.67	5.35	

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

**SOUTH DAKOTA COTTONTAIL HARVEST, 1980-2011**



**SOUTH DAKOTA SQUIRREL HARVEST, 1980-2011**



# PHEASANT

The 2011 pheasant season covered 15 October 2011 – 1 January 2012 statewide. There was also a Youth season open 1-5 October on public and private land and an early residents-only season open 8-10 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 2011, there were 88,624 resident and 100,111 nonresident licenses issued that allowed holders to hunt pheasants. Approximately 31% of residents and 20% of nonresidents were surveyed for the upland bird seasons. Survey response rates were 41.2% for residents and 50.2% for nonresidents.

Based on survey responses indicating at least one day of hunting pheasants, there were a projected 69,120 resident (26,461 small game, 32,903 combination, 4,848 youth small game, 4,908 junior combination) and 95,077 nonresident (92,179 small game, 2,898 youth small game) pheasant hunters.

From the survey responses, a projected total of 1,555,307 pheasants were harvested (644,412 by residents, 910,894 by nonresidents) during the 2011 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 4.78 while nonresidents reported a higher satisfaction rating of 5.63.

Approximately 15,224 residents participated in the early, resident-only season. The projected harvest for this season was 30,223 birds.

The Youth-only season overall participation rate was approximately 7.8% (7.5% Combination license, 6.7% Small Game, 9.0% Junior Combination, 21.6% Youth Small Game); nonresidents were not surveyed on their participation in this season.

The five counties with the highest reported harvests from highest to lowest were Lyman, Tripp, Brown, Spink and Brule.

## Comparison of the 2002 - 2011 Pheasant season statistics

Year	Resident Hunters					Nonresident Hunters				
	Number Hunters	Harvest	Ave Day Hunted	Ave Bag	Satisfaction	Number Hunters	Harvest	Ave Day Hunted	Ave Bag	Satisfaction
2002	70,822	587,823	6.84	8.30	4.28	74,874	673,866	4.18	9.00	5.01
2003	78,396	912,529	7.21	11.64	5.08	83,538	902,210	4.21	10.80	5.72
2004	78,984	744,819	7.35	9.43	4.62	91,948	908,446	3.83	9.88	5.25
2005	79,270	947,277	7.94	11.95	5.19	94,956	1,001,786	4.43	10.55	5.83
2006	79,955	881,904	7.63	11.03	4.99	98,213	964,452	4.29	9.82	5.71
2007	77,788	969,238	7.88	12.46	5.39	103,048	1,153,107	4.61	11.19	6.00
2008	75,978	877,546	7.33	11.55	5.31	100,254	1,058,682	4.49	10.56	5.86
2009	69,949	715,578	7.14	10.23	4.93	97,350	932,613	4.33	9.58	5.59
2010	72,465	803,637	7.16	11.09	5.20	100,189	1,027,939	4.42	10.26	5.88
2011	69,120	644,412	6.83	9.68	4.78	95,077	910,894	4.46	9.63	5.63

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<b><u>PHEASANT HARVEST PROJECTIONS FOR 2011</u></b>								
<i>Revised: 13 Feb 2012</i>						<b><u>NONRESIDENT TOTALS</u></b>		
<b><u>RESIDENT TOTALS BY LICENSE TYPE</u></b>								
	Small Game	Combo	Junior Combo	Youth SmGm	Sum Estimates	Nonres Sm Game	Youth Sm Game	Sum Estimates
Licenses Sold	31,871	43,437	7,498	5,818	88,624	96,971	3,140	100,111
Projected ACTIVE UPLAND BIRD HUNTERS	26,641	33,238	4,882	4,914	69,674	92,581	2,920	95,502
Number Sampled by Survey	9,213	15,699	1,670	1,215	27,797	19,620	377	19,997
Number Responded to Survey	3,752	6,875	391	421	11,439	9,906	136	10,042
Responded and Participated in Season	3,211	5,267	275	372	9,125	9,672	128	9,800
Responded but DID NOT HUNT	541	1,608	116	49	2,314	234	8	242
<b>Survey Response Rate</b>	<b>40.7%</b>	<b>43.8%</b>	<b>23.4%</b>	<b>34.7%</b>	<b>41.2%</b>	<b>50.5%</b>	<b>36.1%</b>	<b>50.2%</b>
No. Hunters Reporting Pheasant Days	3,180	5,215	271	366	9,032	9,630	127	9,757
Sum Pheasant Hunted Days	19,356	38,283	1,719	2,306	61,664	43,085	474	43,559
<b>Average Days Hunted Pheasants</b>	<b>6.09</b>	<b>7.34</b>	<b>6.34</b>	<b>6.30</b>	<b>6.83</b>	<b>4.47</b>	<b>3.73</b>	<b>4.46</b>
Sum Pheasants Bagged	26,220	56,781	1,951	2,467	87,419	93,095	867	93,962
<b>Average Pheasant Bag for Season</b>	<b>8.25</b>	<b>10.89</b>	<b>7.20</b>	<b>6.74</b>	<b>9.68</b>	<b>9.67</b>	<b>6.83</b>	<b>9.63</b>
Projected Days Pheasant Hunting	161,064	241,539	30,753	30,920	464,277	412,413	10,815	423,228
Projected No. Pheasant Hunters	26,461	32,903	4,848	4,908	69,120	92,179	2,898	95,077
Projected Pheasant Bag	218,181	358,249	34,904	33,079	644,412	891,113	19,782	910,894
<b>TOTAL PHEASANT HARVEST =</b>						<b>1,555,307</b>		
<b><u>RESIDENT-ONLY OPENING WEEKEND:</u></b>								
No. Hunters Reporting Pheasant Days	637	1,130	85	113	1,965	-	-	-
Sum Pheasant Hunted Days	994	1,647	117	169	2,927	-	-	-
<b>Average Days Hunted Pheasants</b>	<b>1.56</b>	<b>1.46</b>	<b>1.38</b>	<b>1.50</b>	<b>1.49</b>	-	-	-
Sum Pheasants Bagged	1,289	2,248	154	210	3,901	-	-	-
<b>Average Pheasant Bag for Weekend</b>	<b>2.02</b>	<b>1.99</b>	<b>1.81</b>	<b>1.86</b>	<b>1.99</b>	-	-	-
Projected Days Pheasant Hunting	8,443	10,406	2,244	2,335	22,677	-	-	-
Projected No. Pheasant Hunters	5,411	7,139	1,630	1,562	15,224	-	-	-
Projected Pheasant Bag	10,949	14,203	2,953	2,902	30,223	-	-	-
<b>RESIDENT-ONLY WEEKEND PHEASANT HARVEST =</b>						<b>30,223</b>		
<b><u>MENTORED YOUTH PARTICIPATION:</u></b>								
No. Hunters Reporting Participation	146	350	NA	NA	496	-	-	-
Projected No. Hunters Participating	1,240	2,211			3,452	-	-	-
<b>Percent Hunters Participating</b>	<b>3.9%</b>	<b>5.1%</b>			<b>4.7%</b>	-	-	-
<b>Upland Bird Hunters Mean Satisfaction Score *</b>	<b>4.83</b>	<b>4.76</b>	<b>4.50</b>	<b>4.74</b>	<b>4.78</b>	<b>5.63</b>	<b>5.63</b>	<b>5.63</b>

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

<b>RESIDENT-ONLY WEEKEND 2011 PHEASANT SEASON PARTICIPATION AND BAG</b>				
<i>Last Revised: 15 March 2012</i>				
	# Days Hunted	# Responded	% of Total	Ave. Bag
Residents	0	9,474	82.8%	
	1	1,209	10.6%	1.15
	2	550	4.8%	3.00
	3	206	1.8%	4.37

<b>2011 YOUTH-ONLY PHEASANT SEASON PARTICIPATION</b>			
<i>Last Revised: 15 March 2012</i>			
License Type	Number Participated	Did Not Participate	Percent Participated
Small Game	251	3,501	6.7%
Combination	518	6,357	7.5%
Youth Small Game	91	330	21.6%
Junior Combination	35	356	9.0%
<b>Total</b>	<b>895</b>	<b>10,544</b>	<b>7.8%</b>

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<b>Total Pheasant Harvest Distribution by County 2011</b>							
<b>COUNTY</b>	<b>HUNTER DISTRIBUTION</b>			<b>HARVEST DISTRIBUTION</b>			<b>Birds/Hunter **</b>
	<b># Projected</b>	<b>% of Total</b>	<b># Proj w/Unk *</b>	<b># Projected</b>	<b>% of Total</b>	<b># Proj w/Unk *</b>	
Minnehaha	2,058	1.3	2,099	10,275	0.7	10,395	5.0
Pennington	497	0.3	507	2,979	0.2	3,012	6.0
Brown	9,753	6.0	9,884	83,314	5.4	84,094	8.5
Beadle	6,949	4.3	7,049	61,523	4.0	62,121	8.9
Codington	2,415	1.5	2,454	20,672	1.3	20,892	8.6
Brookings	2,920	1.8	2,974	18,740	1.2	18,952	6.4
Yankton	1,163	0.7	1,185	5,650	0.4	5,712	4.9
Davison	4,734	2.9	4,795	37,893	2.5	38,246	8.0
Lawrence	40	0.0	41	139	0.0	140	3.4
Aurora	4,237	2.6	4,300	41,931	2.7	42,349	9.9
Bennett	1,411	0.9	1,436	15,081	1.0	15,245	10.7
Bon Homme	840	0.5	857	4,493	0.3	4,546	5.3
Brule	7,234	4.5	7,327	69,419	4.5	70,066	9.6
Buffalo	930	0.6	943	11,444	0.7	11,553	12.3
Butte	282	0.2	288	1,666	0.1	1,685	5.9
Campbell	2,050	1.3	2,076	22,041	1.4	22,238	10.8
Charles Mix	3,971	2.5	4,031	28,486	1.8	28,767	7.2
Clark	4,096	2.5	4,152	36,633	2.4	36,980	8.9
Clay	610	0.4	621	2,597	0.2	2,626	4.3
Corson	701	0.4	713	6,692	0.4	6,762	9.5
Custer	119	0.1	121	1,107	0.1	1,120	9.3
Day	2,235	1.4	2,267	13,025	0.8	13,151	5.8
Deuel	1,066	0.7	1,084	6,948	0.5	7,022	6.5
Dewey	1,592	1.0	1,612	19,303	1.3	19,481	12.1
Douglas	1,691	1.0	1,715	11,768	0.8	11,882	7.0
Edmunds	5,121	3.2	5,189	58,350	3.8	58,903	11.4
Fall River	552	0.3	563	3,660	0.2	3,702	6.6
Faulk	4,343	2.7	4,399	56,758	3.7	57,297	13.1
Grant	661	0.4	673	3,225	0.2	3,262	4.9
Gregory	3,304	2.0	3,346	31,256	2.0	31,542	9.5
Haakon	1,315	0.8	1,338	9,995	0.6	10,104	7.6
Hamiin	1,429	0.9	1,454	9,683	0.6	9,788	6.8
Hand	5,721	3.5	5,798	61,329	4.0	61,915	10.7
Hanson	1,220	0.8	1,240	10,625	0.7	10,739	8.7
Harding	322	0.2	327	2,811	0.2	2,841	8.7
Hughes	5,026	3.1	5,102	55,681	3.6	56,257	11.1
Hutchinson	1,870	1.2	1,901	16,093	1.0	16,264	8.6
Hyde	1,673	1.0	1,697	20,414	1.3	20,616	12.2
Jackson	263	0.2	268	2,272	0.1	2,299	8.6
Jerauld	2,544	1.6	2,579	24,441	1.6	24,673	9.6
Jones	1,855	1.1	1,882	19,973	1.3	20,169	10.8
Kingsbury	2,367	1.5	2,406	16,449	1.1	16,623	6.9
Lake	1,426	0.9	1,453	9,294	0.6	9,400	6.5
Lincoln	911	0.6	929	5,080	0.3	5,141	5.6
Lyman	8,998	5.6	9,117	102,721	6.7	103,705	11.4
McCook	1,437	0.9	1,465	11,268	0.7	11,404	7.8
McPherson	3,190	2.0	3,230	36,022	2.3	36,351	11.3
Marshall	1,288	0.8	1,307	8,483	0.6	8,563	6.6
Meade	212	0.1	215	1,286	0.1	1,299	6.1
Mellette	510	0.3	518	4,056	0.3	4,097	8.0
Miner	2,861	1.8	2,907	27,745	1.8	28,033	9.7
Moody	961	0.6	980	7,108	0.5	7,193	7.4
Perkins	1,504	0.9	1,529	14,518	0.9	14,670	9.7
Potter	4,571	2.8	4,636	58,312	3.8	58,893	12.8
Roberts	1,034	0.6	1,052	6,079	0.4	6,142	5.9
Sanborn	2,289	1.4	2,326	22,041	1.4	22,266	9.6
Spink	7,696	4.8	7,795	79,817	5.2	80,559	10.4
Stanley	1,843	1.1	1,870	19,683	1.3	19,878	10.7
Sully	3,531	2.2	3,585	43,669	2.8	44,125	12.4
Tripp	9,272	5.7	9,391	99,719	6.5	100,653	10.8
Turner	1,065	0.7	1,085	6,901	0.4	6,978	6.5
Union	425	0.3	434	1,314	0.1	1,330	3.1
Walworth	3,075	1.9	3,119	33,302	2.2	33,628	10.8
Ziebach	177	0.1	180	1,654	0.1	1,671	9.3
Shannon	70	0.0	71	703	0.0	710	10.1
Todd	303	0.2	308	2,563	0.2	2,588	8.4
Unk/Unreported	2,366	-	-	15,135	-	-	6.4
<b>TOTALS:</b>	<b>164,197</b>	<b>100%</b>	<b>164,197</b>	<b>1,555,307</b>	<b>100%</b>	<b>1,555,307</b>	<b>9.47</b>

Last Revised: 15 Feb 2012

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

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<b>Resident Pheasant Harvest Distribution by County 2011</b>									
COUNTY	HUNTER DISTRIBUTION				HARVEST DISTRIBUTION				Birds/Hunter **
	# Reported	# Projected	% of Total	# Proj w/ Unk *	# Reported	# Projected	% of Total	# Proj w/ Unk *	
Minnehaha	232	1,775	2.6	1,814	1,148	8,463	1.3	8,568	4.8
Pennington	51	390	0.6	399	291	2,145	0.3	2,172	5.5
Brown	401	3,069	4.5	3,135	3,501	25,808	4.1	26,129	8.4
Beadle	363	2,778	4.1	2,838	3,271	24,112	3.8	24,413	8.7
Codington	178	1,362	2.0	1,392	1,672	12,325	1.9	12,479	9.0
Brookings	286	2,189	3.2	2,236	1,886	13,903	2.2	14,076	6.4
Yankton	110	842	1.2	860	510	3,759	0.6	3,806	4.5
Davison	178	1,362	2.0	1,392	1,541	11,360	1.8	11,501	8.3
Lawrence	4	31	0.0	31	7	52	0.0	52	1.7
Aurora	248	1,898	2.8	1,939	2,528	18,635	2.9	18,867	9.8
Bennett	122	934	1.4	954	1,333	9,826	1.5	9,949	10.5
Bon Homme	92	704	1.0	719	503	3,708	0.6	3,754	5.3
Brule	264	2,020	3.0	2,064	2,843	20,957	3.3	21,218	10.4
Buffalo	35	268	0.4	274	528	3,892	0.6	3,941	14.5
Butte	33	253	0.4	258	180	1,327	0.2	1,343	5.3
Campbell	68	520	0.8	532	640	4,718	0.7	4,777	9.1
Charles Mix	240	1,837	2.7	1,877	1,609	11,861	1.9	12,009	6.5
Clark	180	1,378	2.0	1,407	1,645	12,126	1.9	12,277	8.8
Clay	58	444	0.7	454	255	1,880	0.3	1,903	4.2
Corson	56	429	0.6	438	512	3,774	0.6	3,821	8.8
Custer	13	99	0.1	102	137	1,010	0.2	1,022	10.2
Day	115	880	1.3	899	678	4,998	0.8	5,060	5.7
Deuel	82	628	0.9	641	573	4,224	0.7	4,277	6.7
Dewey	59	452	0.7	461	734	5,411	0.9	5,478	12.0
Douglas	86	658	1.0	672	597	4,401	0.7	4,456	6.7
Edmunds	207	1,584	2.3	1,619	2,667	19,660	3.1	19,905	12.4
Fall River	62	474	0.7	485	386	2,845	0.4	2,881	6.0
Faulk	160	1,224	1.8	1,251	2,601	19,173	3.0	19,412	15.7
Grant	66	505	0.7	516	331	2,440	0.4	2,470	4.8
Gregory	121	926	1.4	946	1,122	8,271	1.3	8,374	8.9
Haakon	112	857	1.3	876	889	6,553	1.0	6,635	7.6
Hamlin	118	903	1.3	923	827	6,096	1.0	6,172	6.8
Hand	242	1,852	2.7	1,892	2,937	21,650	3.4	21,920	11.7
Hanson	97	742	1.1	758	910	6,708	1.1	6,792	9.0
Harding	23	176	0.3	180	234	1,725	0.3	1,746	9.8
Hughes	304	2,326	3.4	2,377	4,008	29,545	4.6	29,913	12.7
Hutchinson	145	1,110	1.6	1,134	1,302	9,598	1.5	9,717	8.6
Hyde	90	689	1.0	704	1,182	8,713	1.4	8,822	12.7
Jackson	28	214	0.3	219	253	1,865	0.3	1,888	8.7
Jerauld	116	888	1.3	907	1,122	8,271	1.3	8,374	9.3
Jones	96	735	1.1	751	1,109	8,175	1.3	8,277	11.1
Kingsbury	168	1,286	1.9	1,314	1,278	9,421	1.5	9,538	7.3
Lake	143	1,094	1.6	1,118	957	7,055	1.1	7,142	6.4
Lincoln	105	804	1.2	821	622	4,585	0.7	4,642	5.7
Lyman	352	2,694	4.0	2,752	4,983	36,732	5.8	37,190	13.6
McCook	161	1,232	1.8	1,259	1,380	10,173	1.6	10,299	8.3
McPherson	96	735	1.1	751	1,257	9,266	1.5	9,381	12.6
Marshall	69	528	0.8	540	388	2,860	0.4	2,896	5.4
Meade	20	153	0.2	156	85	627	0.1	634	4.1
Mellette	31	237	0.4	242	253	1,865	0.3	1,888	7.9
Miner	202	1,546	2.3	1,579	1,999	14,736	2.3	14,919	9.5
Moody	109	834	1.2	852	863	6,362	1.0	6,441	7.6
Perkins	110	842	1.2	860	1,070	7,888	1.2	7,986	9.4
Potter	228	1,745	2.6	1,783	3,497	25,778	4.1	26,100	14.8
Roberts	88	673	1.0	688	442	3,258	0.5	3,299	4.8
Sanborn	154	1,179	1.7	1,204	1,479	10,903	1.7	11,038	9.3
Spink	271	2,074	3.1	2,119	3,212	23,677	3.7	23,972	11.4
Stanley	97	742	1.1	758	1,163	8,573	1.3	8,680	11.5
Sully	222	1,699	2.5	1,736	3,236	23,854	3.7	24,152	14.0
Tripp	333	2,548	3.8	2,604	4,214	31,064	4.9	31,451	12.2
Turner	101	773	1.1	790	660	4,865	0.8	4,926	6.3
Union	53	406	0.6	414	169	1,246	0.2	1,261	3.1
Walworth	151	1,156	1.7	1,181	1,827	13,468	2.1	13,636	11.7
Ziebach	13	99	0.1	102	106	781	0.1	791	7.9
Shannon	4	31	0.0	31	48	354	0.1	358	11.6
Todd	18	138	0.2	141	153	1,128	0.2	1,142	8.2
Unk/Unreported	192	1,469	-	-	1,076	7,932	-	-	5.4
<b>TOTALS:</b>	<b>9,032</b>	<b>69,120</b>	<b>100%</b>	<b>69,120</b>	<b>87,419</b>	<b>644,412</b>	<b>100%</b>	<b>644,412</b>	<b>9.32</b>

Last Revised: 15 Feb 2012  
 \* 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.

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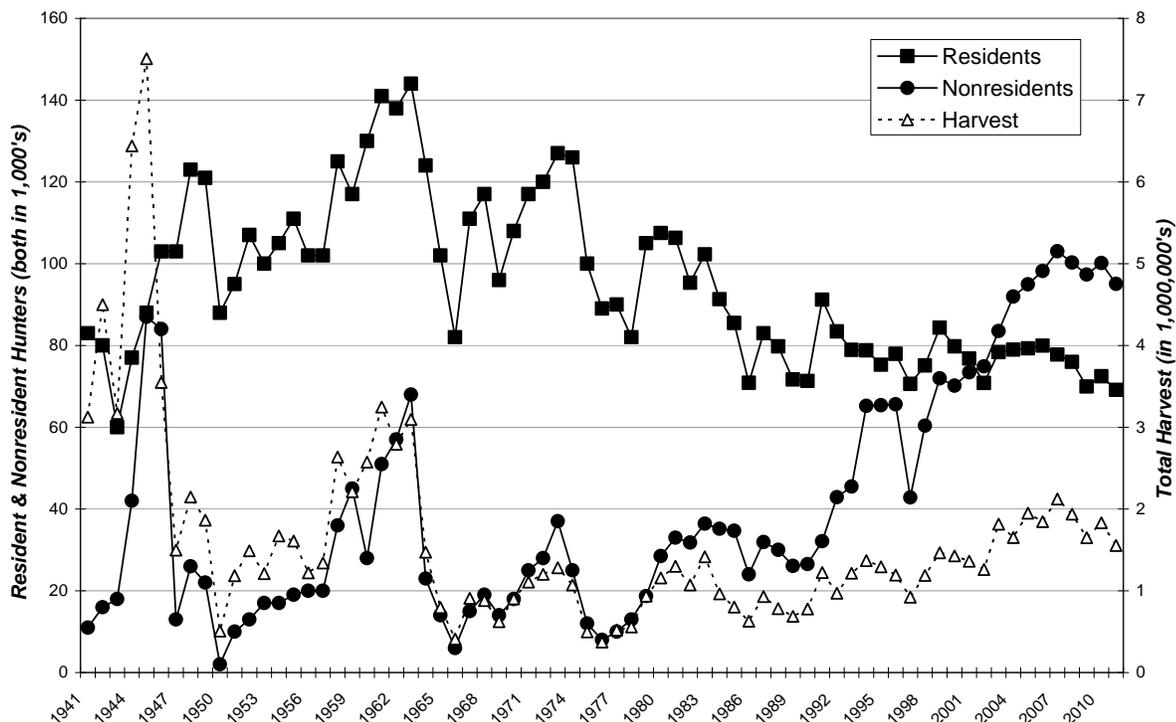
<b>Nonresident Pheasant Harvest Distribution by County 2011</b>									
<b>COUNTY</b>	<b>HUNTER DISTRIBUTION</b>				<b>HARVEST DISTRIBUTION</b>				<b>Birds/Hunter **</b>
	<b># Reported</b>	<b># Projected</b>	<b>% of Total</b>	<b># Proj w/ Unk *</b>	<b># Reported</b>	<b># Projected</b>	<b>% of Total</b>	<b># Proj w/ Unk *</b>	
Minnehaha	29	283	0.3	285	187	1,813	0.2	1,827	6.4
Pennington	11	107	0.1	108	86	834	0.1	840	7.8
Brown	686	6,685	7.1	6,748	5,932	57,506	6.4	57,965	8.6
Beadle	428	4,171	4.4	4,210	3,859	37,410	4.1	37,708	9.0
Codington	108	1,052	1.1	1,062	861	8,347	0.9	8,413	7.9
Brookings	75	731	0.8	738	499	4,837	0.5	4,876	6.6
Yankton	33	322	0.3	325	195	1,890	0.2	1,905	5.9
Davison	346	3,372	3.6	3,404	2,737	26,533	2.9	26,745	7.9
Lawrence	1	10	0.0	10	9	87	0.0	88	9.0
Aurora	240	2,339	2.5	2,361	2,403	23,295	2.6	23,481	10.0
Bennett	49	477	0.5	482	542	5,254	0.6	5,296	11.0
Bon Homme	14	136	0.1	138	81	785	0.1	791	5.8
Brule	535	5,213	5.5	5,263	4,999	48,462	5.4	48,848	9.3
Buffalo	68	663	0.7	669	779	7,552	0.8	7,612	11.4
Butte	3	29	0.0	30	35	339	0.0	342	11.6
Campbell	157	1,530	1.6	1,544	1,787	17,324	1.9	17,462	11.3
Charles Mix	219	2,134	2.3	2,154	1,715	16,626	1.8	16,758	7.8
Clark	279	2,719	2.9	2,745	2,528	24,507	2.7	24,702	9.0
Clay	17	166	0.2	167	74	717	0.1	723	4.3
Corson	28	273	0.3	275	301	2,918	0.3	2,941	10.7
Custer	2	19	0.0	20	10	97	0.0	98	5.0
Day	139	1,354	1.4	1,367	828	8,027	0.9	8,091	5.9
Deuel	45	439	0.5	443	281	2,724	0.3	2,746	6.2
Dewey	117	1,140	1.2	1,151	1,433	13,892	1.5	14,003	12.2
Douglas	106	1,033	1.1	1,043	760	7,368	0.8	7,426	7.1
Edmunds	363	3,537	3.8	3,571	3,991	38,690	4.3	38,998	10.9
Fall River	8	78	0.1	79	84	814	0.1	821	10.4
Faulk	320	3,118	3.3	3,148	3,877	37,585	4.2	37,884	12.1
Grant	16	156	0.2	157	81	785	0.1	791	5.0
Gregory	244	2,378	2.5	2,400	2,371	22,985	2.5	23,168	9.7
Haakon	47	458	0.5	462	355	3,441	0.4	3,469	7.5
Hamlin	54	526	0.6	531	370	3,587	0.4	3,615	6.8
Hand	397	3,869	4.1	3,905	4,093	39,679	4.4	39,995	10.3
Hanson	49	477	0.5	482	404	3,916	0.4	3,948	8.2
Harding	15	146	0.2	148	112	1,086	0.1	1,094	7.4
Hughes	277	2,699	2.9	2,725	2,696	26,136	2.9	26,344	9.7
Hutchinson	78	760	0.8	767	670	6,495	0.7	6,547	8.5
Hyde	101	984	1.0	994	1,207	11,701	1.3	11,794	11.9
Jackson	5	49	0.1	49	42	407	0.0	410	8.4
Jerauld	170	1,657	1.8	1,672	1,668	16,170	1.8	16,299	9.8
Jones	115	1,121	1.2	1,131	1,217	11,798	1.3	11,892	10.5
Kingsbury	111	1,082	1.1	1,092	725	7,028	0.8	7,084	6.5
Lake	34	331	0.4	334	231	2,239	0.2	2,257	6.8
Lincoln	11	107	0.1	108	51	494	0.1	498	4.6
Lyman	647	6,305	6.7	6,365	6,807	65,989	7.3	66,515	10.5
McCook	21	205	0.2	207	113	1,095	0.1	1,104	5.4
McPherson	252	2,456	2.6	2,479	2,760	26,756	3.0	26,969	10.9
Marshall	78	760	0.8	767	580	5,623	0.6	5,667	7.4
Meade	6	58	0.1	59	68	659	0.1	664	11.3
Mellette	28	273	0.3	275	226	2,191	0.2	2,208	8.0
Miner	135	1,316	1.4	1,328	1,342	13,010	1.4	13,113	9.9
Moody	13	127	0.1	128	77	746	0.1	752	5.9
Perkins	68	663	0.7	669	684	6,631	0.7	6,684	10.0
Potter	290	2,826	3.0	2,853	3,356	32,534	3.6	32,793	11.5
Roberts	37	361	0.4	364	291	2,821	0.3	2,844	7.8
Sanborn	114	1,111	1.2	1,121	1,149	11,139	1.2	11,228	10.0
Spink	577	5,623	6.0	5,676	5,791	56,140	6.2	56,587	10.0
Stanley	113	1,101	1.2	1,112	1,146	11,110	1.2	11,198	10.1
Sully	188	1,832	1.9	1,849	2,044	19,815	2.2	19,973	10.8
Tripp	690	6,724	7.1	6,788	7,082	68,655	7.6	69,202	10.2
Turner	30	292	0.3	295	210	2,036	0.2	2,052	7.0
Union	2	19	0.0	20	7	68	0.0	68	3.5
Walworth	197	1,920	2.0	1,938	2,046	19,835	2.2	19,993	10.3
Ziebach	8	78	0.1	79	90	872	0.1	879	11.2
Shannon	4	39	0.0	39	36	349	0.0	352	9.0
Todd	17	166	0.2	167	148	1,435	0.2	1,446	8.7
Unk/Unreported	92	896	-	-	743	7,203	-	-	8.0
<b>TOTALS</b>	<b>9,757</b>	<b>95,077</b>	<b>100%</b>	<b>95,077</b>	<b>93,962</b>	<b>910,894</b>	<b>100%</b>	<b>910,894</b>	<b>9.58</b>

Last Revised: 15 Feb 2012

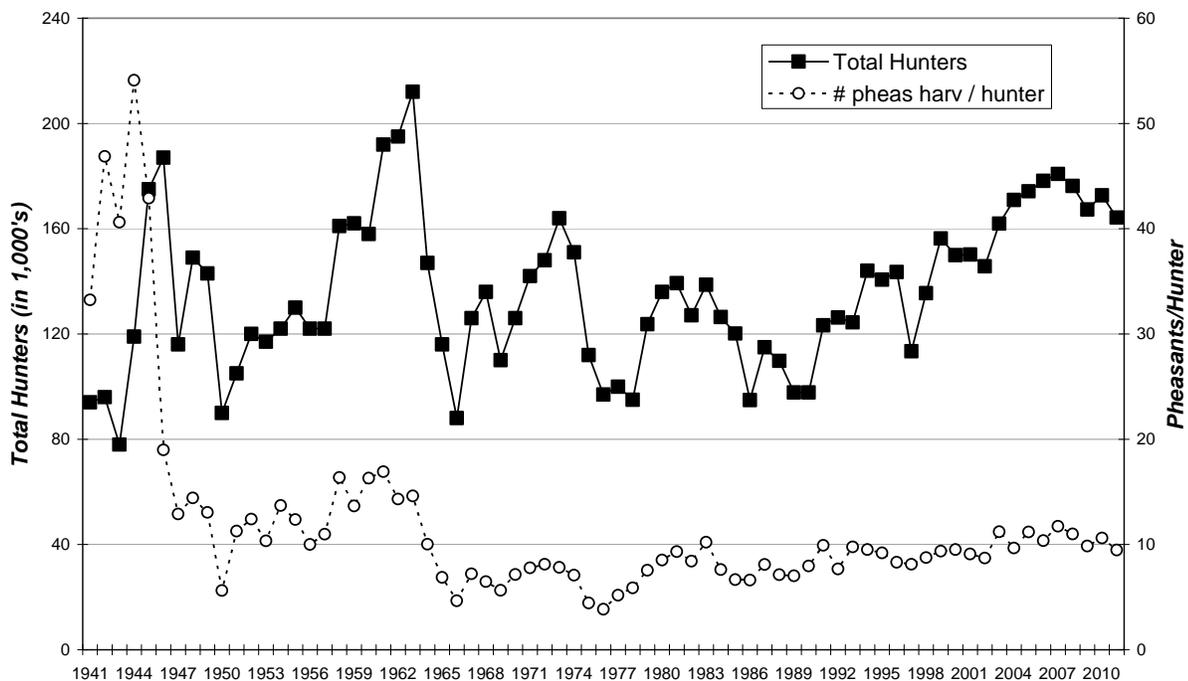
\* Includes unknown county projection values by assuming unknown county values are distributed the same as reported county values. Total values may be different due to rounding.

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

### SOUTH DAKOTA PHEASANT HARVEST 1941-2011



### SOUTH DAKOTA PHEASANT HUNTERS AND AVERAGE SEASON HARVEST 1941-2011



# **PARTRIDGE**

The 2011 partridge season covered 17 September 2011 - 1 January 2012 statewide (except Lacreek National Wildlife Refuge where the season didn't open until 15 October). Harvest surveys were sent to both resident and nonresident hunters. The daily limit was 5 birds, possession 15. To hunt partridge residents were required to hold a small game, 1-day small game, adult or junior combination, or youth small game license; nonresidents were required to obtain the nonresident small game, the nonresident youth small game, or nonresident shooting preserve license. No shooting preserve license holders were surveyed and none of their harvest is included in the data in this report.

In 2011, there were 88,624 resident and 100,111 nonresident licenses issued that allowed holders to hunt partridge. Approximately 31% of residents and 20% of nonresidents were surveyed for the upland bird seasons. Survey response rates were 41.2% for residents and 50.2% for nonresidents.

Based on survey responses indicating at least one day of hunting partridge, there were a projected 2,355 resident and 1,889 nonresident partridge hunters.

An estimated 7,491 partridge were harvested (3,719 by residents, 3,771 by nonresidents) during the 2011 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 4.78 while nonresidents reported an average satisfaction rating of 5.63.

## Comparison of the 2001 - 2011 partridge harvests

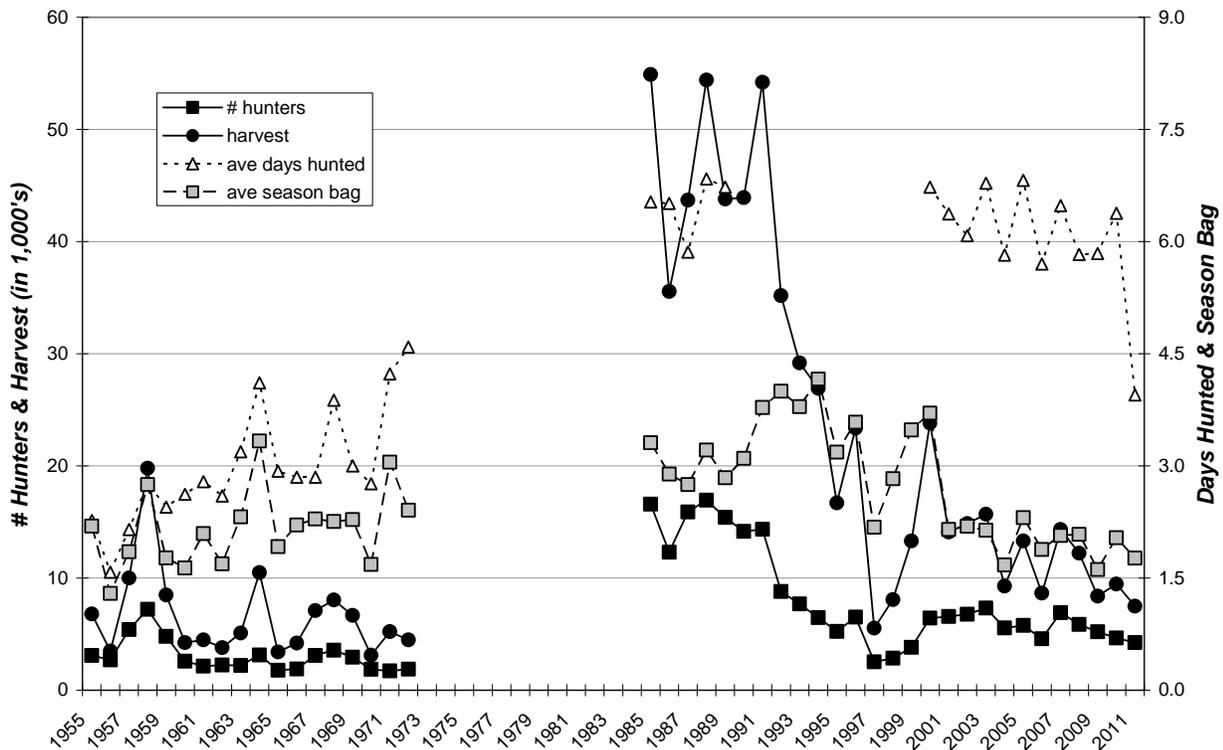
Year	<i>Resident Hunters</i>				<i>Nonresident Hunters</i>			
	<i>Number Hunters</i>	<i>Harvest</i>	<i>Ave Days Hunted</i>	<i>Ave Bag</i>	<i>Number Hunters</i>	<i>Harvest</i>	<i>Ave Days Hunted</i>	<i>Ave Bag</i>
2001	4,520	10,080	7.02	2.23	2,043	4,025	4.92	1.97
2002	4,030	9,471	7.36	2.35	2,750	5,390	4.20	1.96
2003	4,701	10,342	7.35	2.20	2,634	5,347	4.26	2.03
2004	3,357	6,110	6.70	1.82	2,186	3,170	4.45	1.45
2005	3,534	9,047	8.41	2.56	2,236	5,679	4.31	2.54
2006	2,551	4,974	6.87	1.95	2,045	3,681	4.23	1.80
2007	3,767	7,760	8.01	2.06	3,160	6,573	4.66	2.08
2008	2,916	6,065	7.16	2.08	2,945	6,155	4.51	2.09
2009	2,687	4,675	7.23	1.74	2,511	3,716	4.36	1.48
2010	2,361	5,383	8.00	2.28	2,286	4,092	4.71	1.79
2011	2,335	3,719	3.77	1.57	1,889	3,771	4.09	2.01

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<b>PARTRIDGE HARVEST PROJECTIONS FOR 2011</b>						<b>NONRESIDENT TOTALS</b>		
<i>Revised: 13 Feb 2012</i>	<b>RESIDENT TOTALS BY LICENSE TYPE</b>							
	Small	Combo	Junior	Youth	Sum	Nonres	Youth Sm	Sum
	Game	Combo	Combo	SmGm	Estimates	Sm Game	Game	Estimates
<b>Licenses Sold</b>	31,871	43,437	7,498	5,818	<b>88,624</b>	96,971	3,140	<b>100,111</b>
<b>Projected ACTIVE UPLAND BIRD HUNTERS</b>	<b>26,641</b>	<b>33,238</b>	<b>4,882</b>	<b>4,914</b>	<b>69,674</b>	<b>92,581</b>	<b>2,920</b>	<b>95,502</b>
Number Sampled by Survey	9,213	15,699	1,670	1,215	27,797	19,620	377	19,997
Number Responded to Survey	3,752	6,875	391	421	11,439	9,906	136	10,042
Responded and Participated in Season	3,211	5,267	275	372	9,125	9,672	128	9,800
Responded but DID NOT HUNT	541	1,608	116	49	2,314	234	8	242
<b>Survey Response Rate</b>	<b>40.7%</b>	<b>43.8%</b>	<b>23.4%</b>	<b>34.7%</b>	<b>41.2%</b>	<b>50.5%</b>	<b>36.1%</b>	<b>50.2%</b>
No. Hunters Reporting Partridge Days	98	242	9	17	366	195	1	196
Sum Partridge Hunted Days	385	886	57	51	1,379	798	4	802
Average Days Hunted Partridge	<b>3.93</b>	<b>3.66</b>	<b>6.33</b>	<b>3.00</b>	<b>3.77</b>	<b>4.09</b>	<b>4.00</b>	<b>4.09</b>
Sum Partridge Bagged	121	412	18	25	576	394	0	394
Average Season Partridge Bag	<b>1.23</b>	<b>1.70</b>	<b>2.00</b>	<b>1.47</b>	<b>1.57</b>	<b>2.02</b>	<b>0.00</b>	<b>2.01</b>
<b>Projected Days Partridge Hunting</b>	<b>2,479</b>	<b>5,295</b>	<b>832</b>	<b>439</b>	<b>9,045</b>	<b>7,639</b>	<b>91</b>	<b>7,730</b>
<b>Projected No. Partridge Hunters</b>	<b>631</b>	<b>1,446</b>	<b>131</b>	<b>146</b>	<b>2,355</b>	<b>1,867</b>	<b>23</b>	<b>1,889</b>
<b>Projected Partridge Bag</b>	<b>779</b>	<b>2,462</b>	<b>263</b>	<b>215</b>	<b>3,719</b>	<b>3,771</b>	<b>0</b>	<b>3,771</b>
	<b>TOTAL PARTRIDGE HARVEST =</b>					<b>7,491</b>		
<b>Upland Bird Hunters Mean Satisfaction Score *</b>	4.83	4.76	4.50	4.74	4.78	5.63	5.63	5.63

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

**STATEWIDE PARTRIDGE HARVEST, 1955-2011**



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<b>Resident Partridge Harvest Distribution by County 2011</b>										
<b>COUNTY</b>	<b>HUNTER DISTRIBUTION</b>				<b>HARVEST DISTRIBUTION</b>				<b>Birds/Hunter **</b>	
	<b># Reported</b>	<b># Projected</b>	<b>% of Total</b>	<b># Proj w/ Unk *</b>	<b># Reported</b>	<b># Projected</b>	<b>% of Total</b>	<b># Proj w/ Unk *</b>		
Minnehaha	5	32	1.5	36	2	13	0.4	13	0.4	
Pennington	17	109	5.2	123	29	187	5.2	194	1.7	
Brown	3	19	0.9	22	3	19	0.5	20	1.0	
Beadle	4	26	1.2	29	2	13	0.4	13	0.5	
Codington	3	19	0.9	22	3	19	0.5	20	1.0	
Brookings	10	64	3.1	72	1	6	0.2	7	0.1	
Yankton	4	26	1.2	29	8	52	1.4	53	2.0	
Davison	4	26	1.2	29	0	0	0.0	0	0.0	
Lawrence	3	19	0.9	22	9	58	1.6	60	3.0	
Aurora	0	0	0.0	0	0	0	0.0	0	0	
Bennett	1	6	0.3	7	1	6	0.2	7	1.0	
Bon Homme	2	13	0.6	14	0	0	0.0	0	0.0	
Brule	0	0	0.0	0	0	0	0.0	0	0	
Buffalo	1	6	0.3	7	0	0	0.0	0	0.0	
Butte	11	71	3.4	80	21	136	3.8	140	1.9	
Campbell	1	6	0.3	7	2	13	0.4	13	2.0	
Charles Mix	3	19	0.9	22	0	0	0.0	0	0.0	
Clark	2	13	0.6	14	3	19	0.5	20	1.5	
Clay	3	19	0.9	22	1	6	0.2	7	0.3	
Corson	15	97	4.6	109	23	149	4.1	154	1.5	
Custer	3	19	0.9	22	17	110	3.1	114	5.7	
Day	2	13	0.6	14	2	13	0.4	13	1.0	
Deuel	3	19	0.9	22	4	26	0.7	27	1.3	
Dewey	10	64	3.1	72	11	71	2.0	73	1.1	
Douglas	2	13	0.6	14	4	26	0.7	27	2.0	
Edmunds	1	6	0.3	7	0	0	0.0	0	0.0	
Fall River	1	6	0.3	7	2	13	0.4	13	2.0	
Faulk	0	0	0.0	0	0	0	0.0	0	0	
Grant	6	39	1.8	43	0	0	0.0	0	0.0	
Gregory	6	39	1.8	43	14	90	2.5	93	2.3	
Haakon	5	32	1.5	36	3	19	0.5	20	0.6	
Hamlin	0	0	0.0	0	0	0	0.0	0	0	
Hand	3	19	0.9	22	2	13	0.4	13	0.7	
Hanson	2	13	0.6	14	0	0	0.0	0	0.0	
Harding	14	90	4.3	101	40	258	7.2	267	2.9	
Hughes	5	32	1.5	36	6	39	1.1	40	1.2	
Hutchinson	8	51	2.5	58	3	19	0.5	20	0.4	
Hyde	4	26	1.2	29	0	0	0.0	0	0.0	
Jackson	4	26	1.2	29	1	6	0.2	7	0.3	
Jerauld	4	26	1.2	29	0	0	0.0	0	0.0	
Jones	4	26	1.2	29	3	19	0.5	20	0.8	
Kingsbury	4	26	1.2	29	7	45	1.3	47	1.8	
Lake	2	13	0.6	14	0	0	0.0	0	0.0	
Lincoln	3	19	0.9	22	3	19	0.5	20	1.0	
Lyman	6	39	1.8	43	4	26	0.7	27	0.7	
McCook	2	13	0.6	14	0	0	0.0	0	0.0	
McPherson	5	32	1.5	36	7	45	1.3	47	1.4	
Marshall	1	6	0.3	7	0	0	0.0	0	0.0	
Meade	35	225	10.8	254	133	859	23.9	888	3.8	
Mellette	1	6	0.3	7	0	0	0.0	0	0.0	
Miner	4	26	1.2	29	0	0	0.0	0	0.0	
Moody	0	0	0.0	0	0	0	0.0	0	0	
Perkins	45	290	13.8	326	112	723	20.1	748	2.5	
Potter	5	32	1.5	36	12	77	2.2	80	2.4	
Roberts	3	19	0.9	22	2	13	0.4	13	0.7	
Sanborn	0	0	0.0	0	0	0	0.0	0	0	
Spink	3	19	0.9	22	14	90	2.5	93	4.7	
Stanley	6	39	1.8	43	6	39	1.1	40	1.0	
Sully	0	0	0.0	0	0	0	0.0	0	0	
Tripp	3	19	0.9	22	3	19	0.5	20	1.0	
Turner	1	6	0.3	7	2	13	0.4	13	2.0	
Union	2	13	0.6	14	7	45	1.3	47	3.5	
Walworth	1	6	0.3	7	0	0	0.0	0	0.0	
Ziebach	14	90	4.3	101	25	161	4.5	167	1.8	
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	41	264	-	-	19	123	-	-	0.5	
<b>TOTALS:</b>	<b>366</b>	<b>2,355</b>	<b>100%</b>	<b>2,355</b>	<b>576</b>	<b>3,719</b>	<b>100%</b>	<b>3,719</b>	<b>1.58</b>	

Last Revised: 15 March 2012

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

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<b>Nonresident Partridge Harvest Distribution by County 2011</b>										
COUNTY	HUNTER DISTRIBUTION				HARVEST DISTRIBUTION				Birds/Hunter **	
	# Reported	# Projected	% of Total	# Proj w/ Unk *	# Reported	# Projected	% of Total	# Proj w/ Unk *		
Minnehaha	0	0	0.0	0	0	0	0.0	0	0	
Pennington	0	0	0.0	0	0	0	0.0	0	0	
Brown	1	10	0.8	15	0	0	0.0	0	0.0	
Beadle	2	19	1.6	31	0	0	0.0	0	0.0	
Codington	2	19	1.6	31	7	67	2.6	99	3.5	
Brookings	0	0	0.0	0	0	0	0.0	0	0	
Yankton	0	0	0.0	0	0	0	0.0	0	0	
Davison	1	10	0.8	15	0	0	0.0	0	0.0	
Lawrence	1	10	0.8	15	0	0	0.0	0	0.0	
Aurora	0	0	0.0	0	0	0	0.0	0	0	
Bennett	0	0	0.0	0	0	0	0.0	0	0	
Bon Homme	0	0	0.0	0	0	0	0.0	0	0	
Brule	1	10	0.8	15	1	10	0.4	14	1.0	
Buffalo	2	19	1.6	31	3	29	1.1	43	1.5	
Butte	0	0	0.0	0	0	0	0.0	0	0	
Campbell	2	19	1.6	31	0	0	0.0	0	0.0	
Chas Mix	0	0	0.0	0	0	0	0.0	0	0	
Clark	6	58	4.9	92	0	0	0.0	0	0.0	
Clay	0	0	0.0	0	0	0	0.0	0	0	
Corson	5	48	4.1	77	13	124	4.9	184	2.6	
Custer	0	0	0.0	0	0	0	0.0	0	0	
Day	2	19	1.6	31	0	0	0.0	0	0.0	
Deuel	3	29	2.4	46	0	0	0.0	0	0.0	
Dewey	14	135	11.4	215	100	957	37.6	1,418	7.1	
Douglas	0	0	0.0	0	0	0	0.0	0	0	
Edmunds	0	0	0.0	0	0	0	0.0	0	0	
Fall River	0	0	0.0	0	0	0	0.0	0	0	
Faulk	2	19	1.6	31	1	10	0.4	14	0.5	
Grant	0	0	0.0	0	0	0	0.0	0	0	
Gregory	3	29	2.4	46	11	105	4.1	156	3.6	
Haakon	4	39	3.3	61	17	163	6.4	241	4.2	
Hamlin	0	0	0.0	0	0	0	0.0	0	0	
Hand	3	29	2.4	46	0	0	0.0	0	0.0	
Hanson	0	0	0.0	0	0	0	0.0	0	0	
Harding	5	48	4.1	77	4	38	1.5	57	0.8	
Hughes	2	19	1.6	31	3	29	1.1	43	1.5	
Hutchinson	0	0	0.0	0	0	0	0.0	0	0	
Hyde	1	10	0.8	15	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	4	39	3.3	61	9	86	3.4	128	2.2	
Kingsbury	0	0	0.0	0	0	0	0.0	0	0	
Lake	1	10	0.8	15	0	0	0.0	0	0.0	
Lincoln	0	0	0.0	0	0	0	0.0	0	0	
Lyman	6	58	4.9	92	10	96	3.8	142	1.7	
McCook	0	0	0.0	0	0	0	0.0	0	0	
McPherson	4	39	3.3	61	0	0	0.0	0	0.0	
Marshall	0	0	0.0	0	0	0	0.0	0	0	
Meade	0	0	0.0	0	0	0	0.0	0	0	
Mellette	2	19	1.6	31	0	0	0.0	0	0.0	
Miner	1	10	0.8	15	0	0	0.0	0	0.0	
Moody	0	0	0.0	0	0	0	0.0	0	0	
Perkins	15	145	12.2	230	73	699	27.4	1,035	4.8	
Potter	4	39	3.3	61	3	29	1.1	43	0.7	
Roberts	1	10	0.8	15	0	0	0.0	0	0.0	
Sanborn	0	0	0.0	0	0	0	0.0	0	0	
Spink	2	19	1.6	31	2	19	0.8	28	1.0	
Stanley	4	39	3.3	61	0	0	0.0	0	0.0	
Sully	2	19	1.6	31	1	10	0.4	14	0.5	
Tripp	8	77	6.5	123	1	10	0.4	14	0.1	
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	4	39	3.3	61	0	0	0.0	0	0.0	
Ziebach	1	10	0.8	15	5	48	1.9	71	5.0	
Shannon	1	10	0.8	15	0	0	0.0	0	0.0	
Todd	1	10	0.8	15	2	19	0.8	28	2.0	
Unknown	73	704	-	-	128	1,225	-	-	1.7	
<b>TOTALS:</b>	<b>196</b>	<b>1,889</b>	<b>100.0%</b>	<b>1,889</b>	<b>394</b>	<b>3,771</b>	<b>100.0%</b>	<b>3,771</b>	<b>2.00</b>	

Last Revised: 15 March 2012

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

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

## **PRAIRIE CHICKEN & SHARP-TAILED GROUSE**

Historically, these two species, plus ruffed grouse, have been combined under the name "Prairie Grouse." In these reports, harvest estimates for these species were combined. In 2006, hunters were asked specifically how many of each species were harvested of the total harvest and 76% were identified as sharp-tailed grouse, 20% as prairie chickens, and 4% were unknown. They continue to be combined for the overall harvest estimates in this report.

The 2011 grouse season covered 17 September 2011 - 1 January 2012 statewide (except Lacreek National Wildlife Refuge where the season didn't open until 15 October). Harvest surveys were sent to both resident and nonresident hunters. The daily limit was 3 birds, possession 15. To hunt grouse residents were required to hold a small game, 1-day small game, adult or junior combination, or youth small game license; nonresidents were required to obtain the nonresident small game, the nonresident youth small game, or nonresident shooting preserve license. No shooting preserve license holders were surveyed and none of their harvest is included in the data in this report.

In 2011, there were 88,624 resident and 100,111 nonresident licenses issued that allowed holders to hunt prairie grouse. Approximately 31% of residents and 20% of nonresidents were surveyed for the upland bird seasons. Survey response rates were 41.2% for residents and 50.2% for nonresidents.

Based on survey responses indicating at least one day of hunting grouse, there were a projected 6,789 resident and 6,407 nonresident grouse hunters.

From the survey responses, a projected total of 48,299 grouse were harvested (27,581 by residents, 20,718 by nonresidents) during the 2011 season.

When asked their satisfaction on the season, (1 being very dissatisfied, and 7 being very satisfied), resident upland bird hunters reported an average rating of 4.78 while nonresidents reported a rating of 5.63.

A comparison of the 2001 - 2011 prairie grouse harvests

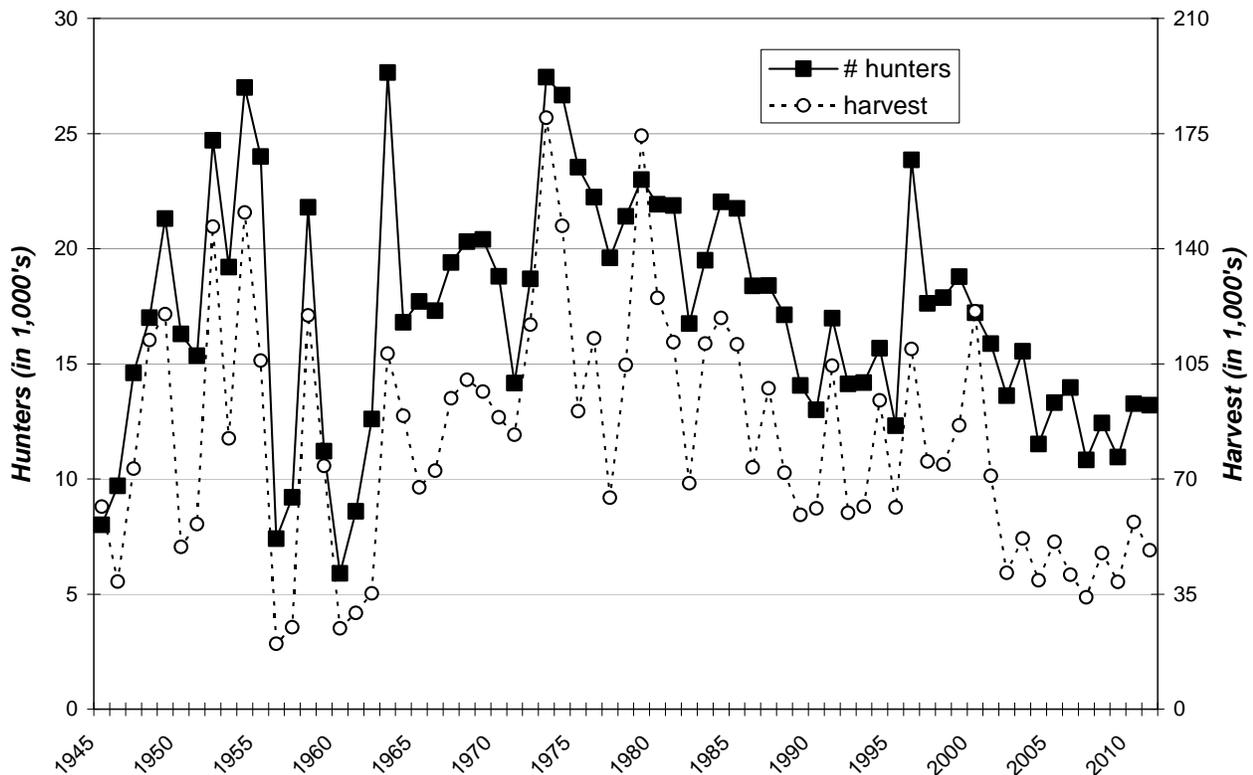
Year	Resident Hunters					Nonresident Hunters				
	Number Hunters	Harvest	Ave Day Hunted	Ave Bag	Satisfaction	Number Hunters	Harvest	Ave Day Hunted	Ave Bag	Satisfaction
2001	10,852	53,392	4.80	4.92	4.55	4,943	16,411	4.11	3.32	5.23
2002	8,644	29,649	4.37	3.43	4.17	4,963	11,762	4.32	2.37	5.76
2003	9,478	37,249	4.05	3.93	4.88	6,058	14,660	3.84	2.42	5.53
2004	7,859	27,821	4.12	3.54	4.81	3,655	11,367	4.04	3.11	5.39
2005	7,508	33,561	4.58	4.47	5.19	5,806	17,302	3.85	2.98	5.83
2006	7,836	27,269	4.02	3.48	4.99	6,135	13,620	3.92	2.22	5.71
2007	6,164	23,177	4.37	3.76	5.39	4,663	10,865	3.70	2.33	6.00
2008	7,044	34,023	4.46	4.83	5.31	5,383	13,458	4.26	2.50	5.86
2009	6,377	26,018	4.41	4.08	4.93	4,571	12,662	4.19	2.77	5.59
2010	7,879	39,868	4.49	5.06	5.20	5,386	17,020	3.92	3.16	5.88
2011	6,789	27,581	4.19	4.09	4.78	6,407	20,718	4.01	3.26	5.63

South Dakota Game Report No 2012-02 - 2011 Small Game, Upland Bird & Migratory Bird Harvest Projections  
 Corey Huxoll

<b>PRAIRIE GROUSE HARVEST PROJECTIONS FOR 2011</b>						<b>NONRESIDENT TOTALS</b>		
<i>Revised: 13 Feb 2012</i>								
	<b>RESIDENT TOTALS BY LICENSE TYPE</b>							
	Small Game	Combo	Junior Combo	Youth SmGm	Sum Estimates	Nonres Sm Game	Youth Sm Game	Sum Estimates
<b>Licenses Sold</b>	31,871	43,437	7,498	5,818	<b>88,624</b>	96,971	3,140	<b>100,111</b>
<b>Projected ACTIVE UPLAND BIRD HUNTERS</b>	<b>26,641</b>	<b>33,238</b>	<b>4,882</b>	<b>4,914</b>	<b>69,674</b>	<b>92,581</b>	<b>2,920</b>	<b>95,502</b>
Number Sampled by Survey	9,213	15,699	1,670	1,215	27,797	19,620	377	19,997
Number Responded to Survey	3,752	6,875	391	421	11,439	9,906	136	10,042
Responded and Participated in Season	3,211	5,267	275	372	9,125	9,672	128	9,800
Responded but DID NOT HUNT	541	1,608	116	49	2,314	234	8	242
<b>Survey Response Rate</b>	<b>40.7%</b>	<b>43.8%</b>	<b>23.4%</b>	<b>34.7%</b>	<b>41.2%</b>	<b>50.5%</b>	<b>36.1%</b>	<b>50.2%</b>
No. Hunters Reporting Prairie Grouse Days	377	870	31	43	1,321	655	6	661
Sum Prairie Grouse Hunted Days	1,632	3,603	101	204	5,540	2,626	22	2,648
Average Days Hunted Prairie Grouse	4.33	4.14	3.26	4.74	4.19	4.01	3.67	4.01
Sum Prairie Grouse Bagged	1,502	3,651	108	137	5,398	2,143	9	2,152
Average Season Prairie Grouse Bag	3.98	4.20	3.48	3.19	4.09	3.27	1.50	3.26
<b>Projected Days Prairie Grouse Hunting</b>	<b>8,301</b>	<b>17,707</b>	<b>1,085</b>	<b>1,246</b>	<b>28,340</b>	<b>25,136</b>	<b>502</b>	<b>25,638</b>
<b>Projected No. Prairie Grouse Hunters</b>	<b>1,918</b>	<b>4,276</b>	<b>333</b>	<b>263</b>	<b>6,789</b>	<b>6,270</b>	<b>137</b>	<b>6,407</b>
<b>Projected Prairie Grouse Bag</b>	<b>7,640</b>	<b>17,943</b>	<b>1,160</b>	<b>837</b>	<b>27,581</b>	<b>20,513</b>	<b>205</b>	<b>20,718</b>
<b>TOTAL PRAIRIE GROUSE HARVEST =</b>						<b>48,299</b>		
<b>Upland Bird Hunters Mean Satisfaction Score *</b>	4.83	4.76	4.50	4.74	4.78	5.63	5.63	5.63

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

**PRAIRIE GROUSE HUNTERS & HARVEST 1945-2011**



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<b>Resident Grouse Harvest Distribution by County 2011</b>									
<b>COUNTY</b>	<b>HUNTER DISTRIBUTION</b>				<b>HARVEST DISTRIBUTION</b>				<b>Birds/Hunter</b>
	<b># Reported</b>	<b># Projected</b>	<b>% of Total</b>	<b># Proj w/ Unk *</b>	<b># Reported</b>	<b># Projected</b>	<b>% of Total</b>	<b># Proj w/ Unk *</b>	
Minnehaha	2	10	0.2	12	6	31	0.1	33	3.0
Pennington	91	468	7.8	529	410	2,095	8.1	2,241	4.5
Brown	0	0	0.0	0	0	0	0.0	0	0
Beadle	2	10	0.2	12	11	56	0.2	60	5.5
Codington	2	10	0.2	12	1	5	0.0	5	0.5
Brookings	0	0	0.0	0	0	0	0.0	0	0
Yankton	0	0	0.0	0	0	0	0.0	0	0
Davison	1	5	0.1	6	6	31	0.1	33	6.0
Lawrence	13	67	1.1	76	40	204	0.8	219	3.1
Aurora	0	0	0.0	0	0	0	0.0	0	0
Bennett	37	190	3.2	215	150	766	3.0	820	4.0
Bon Homme	3	15	0.3	17	4	20	0.1	22	1.3
Brule	9	46	0.8	52	26	133	0.5	142	2.9
Buffalo	8	41	0.7	47	22	112	0.4	120	2.7
Butte	18	93	1.5	105	68	347	1.3	372	3.8
Campbell	4	21	0.3	23	11	56	0.2	60	2.7
Charles Mix	13	67	1.1	76	29	148	0.6	159	2.2
Clark	1	5	0.1	6	1	5	0.0	5	1.0
Clay	0	0	0.0	0	0	0	0.0	0	0
Corson	36	185	3.1	209	169	863	3.3	924	4.7
Custer	16	82	1.4	93	51	261	1.0	279	3.2
Day	8	41	0.7	47	12	61	0.2	66	1.5
Deuel	2	10	0.2	12	0	0	0.0	0	0.0
Dewey	33	170	2.8	192	127	649	2.5	694	3.8
Douglas	2	10	0.2	12	3	15	0.1	16	1.5
Edmunds	5	26	0.4	29	7	36	0.1	38	1.4
Fall River	22	113	1.9	128	32	164	0.6	175	1.4
Faulk	2	10	0.2	12	2	10	0.0	11	1.0
Grant	4	21	0.3	23	7	36	0.1	38	1.7
Gregory	29	149	2.5	169	133	680	2.6	727	4.6
Haakon	71	365	6.1	413	352	1,799	7.0	1,924	4.9
Hamlin	0	0	0.0	0	0	0	0.0	0	0
Hand	13	67	1.1	76	53	271	1.1	290	4.1
Hanson	1	5	0.1	6	3	15	0.1	16	3.0
Harding	35	180	3.0	203	138	705	2.7	754	3.9
Hughes	41	211	3.5	238	194	991	3.8	1,060	4.7
Hutchinson	1	5	0.1	6	2	10	0.0	11	2.0
Hyde	12	62	1.0	70	37	189	0.7	202	3.1
Jackson	31	159	2.7	180	159	812	3.2	869	5.1
Jerauld	5	26	0.4	29	10	51	0.2	55	2.0
Jones	33	170	2.8	192	139	710	2.8	760	4.2
Kingsbury	0	0	0.0	0	0	0	0.0	0	0
Lake	0	0	0.0	0	0	0	0.0	0	0
Lincoln	1	5	0.1	6	0	0	0.0	0	0.0
Lyman	74	380	6.3	430	295	1,507	5.8	1,612	4.0
McCook	0	0	0.0	0	0	0	0.0	0	0
McPherson	17	87	1.5	99	50	255	1.0	273	2.9
Marshall	7	36	0.6	41	8	41	0.2	44	1.1
Meade	82	421	7.0	477	382	1,952	7.6	2,088	4.6
Mellette	44	226	3.8	256	220	1,124	4.4	1,202	5.0
Miner	1	5	0.1	6	0	0	0.0	0	0.0
Moody	0	0	0.0	0	0	0	0.0	0	0
Perkins	73	375	6.3	424	406	2,074	8.0	2,219	5.5
Potter	21	108	1.8	122	111	567	2.2	607	5.3
Roberts	5	26	0.4	29	4	20	0.1	22	0.8
Sanborn	2	10	0.2	12	4	20	0.1	22	2.0
Spink	1	5	0.1	6	1	5	0.0	5	1.0
Stanley	108	555	9.2	628	608	3,107	12.0	3,323	5.6
Sully	18	93	1.5	105	45	230	0.9	246	2.5
Tripp	43	221	3.7	250	172	879	3.4	940	4.0
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	18	93	1.5	105	27	138	0.5	148	1.5
Ziebach	28	144	2.4	163	202	1,032	4.0	1,104	7.2
Shannon	3	15	0.3	17	12	61	0.2	66	4.0
Todd	16	82	1.4	93	84	429	1.7	459	5.2
Unknown	153	786	-	-	352	1,799	-	-	2.3
<b>TOTALS:</b>	<b>1,321</b>	<b>6,789</b>	<b>100.0%</b>	<b>6,789</b>	<b>5,398</b>	<b>27,581</b>	<b>100%</b>	<b>27,581</b>	<b>4.06</b>

*Last Revised: 15 March 2012*  
*\* 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.*

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<b>Nonresident Grouse Harvest Distribution by County 2011</b>										
COUNTY	HUNTER DISTRIBUTION				HARVEST DISTRIBUTION				Birds/Hunter	
	# Reported	# Projected	% of Total	# Proj w/ Unk *	# Reported	# Projected	% of Total	# Proj w/ Unk *		
Minnehaha	0	0	0.0	0	0	0	0.0	0	0	
Pennington	1	10	0.2	15	6	58	0.4	87	6.0	
Brown	1	10	0.2	15	1	10	0.1	14	1.0	
Beadle	2	19	0.5	31	0	0	0.0	0	0.0	
Codington	1	10	0.2	15	3	29	0.2	43	3.0	
Brookings	0	0	0.0	0	0	0	0.0	0	0	
Yankton	0	0	0.0	0	0	0	0.0	0	0	
Davison	1	10	0.2	15	0	0	0.0	0	0.0	
Lawrence	0	0	0.0	0	0	0	0.0	0	0	
Aurora	1	10	0.2	15	2	19	0.1	29	2.0	
Bennett	12	116	2.9	185	22	212	1.5	318	1.8	
Bon Homme	0	0	0.0	0	0	0	0.0	0	0	
Brule	4	39	1.0	62	4	39	0.3	58	1.0	
Buffalo	3	29	0.7	46	10	96	0.7	144	3.3	
Butte	1	10	0.2	15	6	58	0.4	87	6.0	
Campbell	0	0	0.0	0	0	0	0.0	0	0	
Chas Mix	5	48	1.2	77	2	19	0.1	29	0.4	
Clark	1	10	0.2	15	0	0	0.0	0	0.0	
Clay	0	0	0.0	0	0	0	0.0	0	0	
Corson	12	116	2.9	185	47	452	3.3	679	3.9	
Custer	1	10	0.2	15	0	0	0.0	0	0.0	
Day	1	10	0.2	15	0	0	0.0	0	0.0	
Deuel	1	10	0.2	15	0	0	0.0	0	0.0	
Dewey	29	281	7.0	447	202	1,945	14.1	2,918	6.9	
Douglas	1	10	0.2	15	1	10	0.1	14	1.0	
Edmunds	6	58	1.4	92	4	39	0.3	58	0.7	
Fall River	0	0	0.0	0	0	0	0.0	0	0	
Faulk	7	68	1.7	108	3	29	0.2	43	0.4	
Grant	0	0	0.0	0	0	0	0.0	0	0	
Gregory	7	68	1.7	108	12	116	0.8	173	1.7	
Haakon	16	155	3.8	246	74	712	5.2	1,069	4.6	
Hamlin	0	0	0.0	0	0	0	0.0	0	0	
Hand	11	107	2.6	169	12	116	0.8	173	1.1	
Hanson	0	0	0.0	0	0	0	0.0	0	0	
Harding	2	19	0.5	31	3	29	0.2	43	1.5	
Hughes	10	97	2.4	154	22	212	1.5	318	2.2	
Hutchinson	0	0	0.0	0	0	0	0.0	0	0	
Hyde	7	68	1.7	108	12	116	0.8	173	1.7	
Jackson	3	29	0.7	46	10	96	0.7	144	3.3	
Jerauld	6	58	1.4	92	8	77	0.6	116	1.3	
Jones	17	165	4.1	262	50	481	3.5	722	2.9	
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	62	601	14.9	955	170	1,637	11.9	2,456	2.7	
McCook	0	0	0.0	0	0	0	0.0	0	0	
McPherson	7	68	1.7	108	5	48	0.3	72	0.7	
Marshall	1	10	0.2	15	1	10	0.1	14	1.0	
Meade	2	19	0.5	31	3	29	0.2	43	1.5	
Mellette	10	97	2.4	154	31	298	2.2	448	3.1	
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	35	339	8.4	539	206	1,983	14.4	2,976	5.8	
Potter	13	126	3.1	200	30	289	2.1	433	2.3	
Roberts	0	0	0.0	0	0	0	0.0	0	0	
Sanborn	0	0	0.0	0	0	0	0.0	0	0	
Spink	1	10	0.2	15	2	19	0.1	29	2.0	
Stanley	54	523	13.0	832	316	3,042	22.0	4,566	5.8	
Sully	10	97	2.4	154	13	125	0.9	188	1.3	
Tripp	30	291	7.2	462	51	491	3.6	737	1.7	
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	8	78	1.9	123	25	241	1.7	361	3.1	
Ziebach	5	48	1.2	77	26	250	1.8	376	5.2	
Shannon	2	19	0.5	31	5	48	0.3	72	2.5	
Todd	6	58	1.4	92	34	327	2.4	491	5.6	
Unknown	245	2,375	-	-	718	6,913	-	-	2.9	
<b>TOTALS:</b>	<b>661</b>	<b>6,407</b>	<b>100%</b>	<b>6,407</b>	<b>2,152</b>	<b>20,718</b>	<b>100%</b>	<b>20,718</b>	<b>3.23</b>	

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## 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, and seasons were restrictive. Length of season ranged from 2 to 7 days, with many seasons held during the week with daily bag limits of 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 2011 sage grouse season was held on 28-29 September on public lands including those owned or managed by US Bureau of Land Management, US Forest Service, State School and Public Lands Office, and Walk-In Areas in all of Harding County and west of US 85 in Butte County. The daily and season limit was 1 bird.

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

Approximately 27 individual hunters participated in the season. Total recorded harvest was 11 grouse, of which 6 birds were taken in Butte County and 5 in Harding County. Of the 11 birds checked, 6 were males and 5 were females. Three of the males and two of the females were juveniles. In comparison to the 2010 season, there was a slight decrease in the number of birds taken and the ratio of males to females in the bag decreased from 1.4:1 to 1.2:1. The ratio of juvenile to adult birds taken in 2011 increased from 0.1:1 in 2010 to 0.8:1.

### Comparison of the 2001-2011 Sage Grouse harvests

Year	# of Hunters (est. % of total)	Total Harvest	Harvest by County		Harvest by Age & Sex			
			Butte	Harding	Juv/Yr Male	Juv/Yr Female	Adult Male	Adult Female
2001	27 (77%)	12	4	8	2	3	5	2
2002*	32 (88%)	16	4	12	5	3	1	3
2003	36 (95%)	12	4	8	1	4	6	1
2004	53(95%)	25	8	17	5	12	8	0
2005	40 (95%)	26	9	17	6	10	8	2
2006	46 (95%)	15	0	15	7	4	2	2
2007	25	10	2	8	5	2	3	0
2008	24	17	5	12	3	5	6	3
2009	20	7	3	4	2	3	0	2
2010	26	12	9	3	1	0	6	5
2011	27	11	6	5	3	2	3	3

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

# **NORTHERN BOBWHITE**

The 2011 northern bobwhite season covered 15 October 2011 through 1 January 2012 statewide. Harvest surveys were sent to both resident and nonresident hunters. The daily limit was 5 birds, possession 15. To hunt bobwhites, residents were required to hold small game, 1-day small game, adult or junior combination, or youth small game licenses; nonresidents were required to obtain the nonresident small game the nonresident youth small game, or nonresident shooting preserve license. None of the shooting preserve license holders were surveyed, and their harvest is not included in any data in this report.

In 2011, there were 88,624 resident and 100,111 nonresident licenses issued that allowed holders to hunt bobwhites. Approximately 31% of residents and 20% of nonresidents were surveyed for the upland bird seasons. Survey response rates were 41.2% for residents and 50.2% for nonresidents.

Based on survey responses indicating at least one day of hunting bobwhites, there were a projected 239 resident and 268 nonresident quail hunters.

An estimated 593 quail were harvested (383 by residents, 211 by nonresidents) during the 2011 season. When asked their satisfaction with their hunting, (1 being least satisfied, 7 being most satisfied), resident upland bird hunters reported an average satisfaction rating of 4.78 while nonresidents reported a satisfaction rating of 5.63.

## Comparison of the 2002 - 2011 northern bobwhite harvests

Year	Resident Hunters				Nonresident Hunters			
	Number Hunters	Harvest	Ave Days Hunted	Ave Bag	Number Hunters	Harvest	Ave Days Hunted	Ave Bag
2002	441	653	5.26	1.48	469	202	5.21	0.43
2003	650	865	4.51	1.33	339	302	4.22	0.89
2004	376	737	5.32	1.96	377	980	4.60	2.60
2005	338	845	7.30	2.50	688	688	2.81	1.00
2006	364	586	5.61	1.61	554	1,224	3.62	2.21
2007	780	476	1.12	0.61	449	489	4.91	1.09
2008	480	792	4.54	1.65	520	983	4.14	1.89
2009	276	588	3.38	2.13	555	572	4.58	1.03
2010	187	105	6.78	0.56	179	319	2.89	1.78
2011	239	383	4.20	1.60	268	211	3.75	0.79

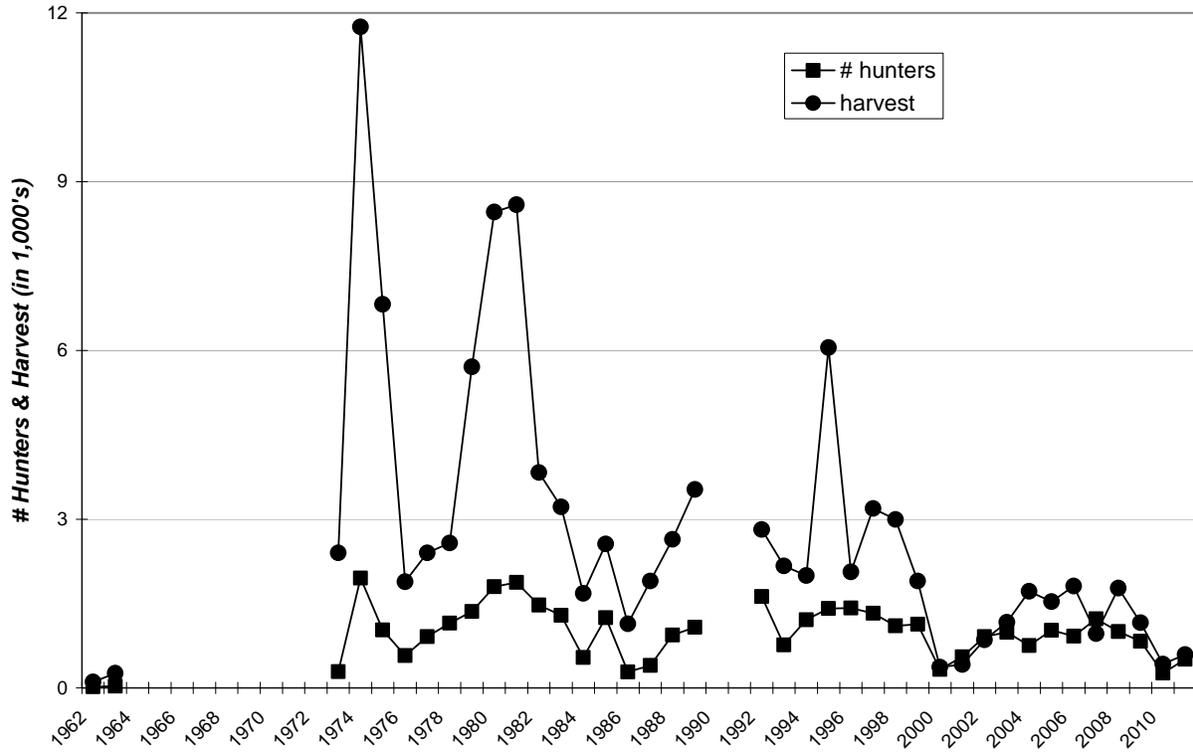
## **NORTHERN BOBWHITE HARVEST PROJECTIONS FOR 2011**

Revised: 13 Feb 2012

	RESIDENT TOTALS BY LICENSE TYPE					NONRESIDENT TOTALS		
	Small Game	Combo	Junior Combo	Youth SmGm	Sum Estimates	Nonres Sm Game	Youth Sm Game	Sum Estimates
<b>Licenses Sold</b>	31,871	43,437	7,498	5,818	<b>88,624</b>	96,971	3,140	<b>100,111</b>
<b>Projected ACTIVE UPLAND BIRD HUNTERS</b>	<b>26,641</b>	<b>33,238</b>	<b>4,882</b>	<b>4,914</b>	<b>69,674</b>	<b>92,581</b>	<b>2,920</b>	<b>95,502</b>
Number Sampled by Survey	9,213	15,699	1,670	1,215	<b>27,797</b>	19,620	377	<b>19,997</b>
Number Responded to Survey	3,752	6,875	391	421	<b>11,439</b>	9,906	136	<b>10,042</b>
Responded and Participated in Season	3,211	5,267	275	372	<b>9,125</b>	9,672	128	<b>9,800</b>
Responded but DID NOT HUNT	541	1,608	116	49	<b>2,314</b>	234	8	<b>242</b>
<b>Survey Response Rate</b>	<b>40.7%</b>	<b>43.8%</b>	<b>23.4%</b>	<b>34.7%</b>	<b>41.2%</b>	<b>50.5%</b>	<b>36.1%</b>	<b>50.2%</b>
No. Hunters Reporting Bobwhite Days	10	17	1	2	<b>30</b>	28	0	<b>28</b>
Sum Bobwhite Days	30	89	4	3	<b>126</b>	105	0	<b>105</b>
Average Days Hunting Bobwhites	<b>3.00</b>	<b>5.24</b>	<b>4.00</b>	<b>1.50</b>	<b>4.20</b>	<b>3.75</b>	<b>0.00</b>	<b>3.75</b>
Sum Bobwhites Bagged	16	30	1	1	<b>48</b>	22	0	<b>22</b>
Average Season Bobwhite Bag	<b>1.60</b>	<b>1.76</b>	<b>1.00</b>	<b>0.50</b>	<b>1.60</b>	<b>0.79</b>	<b>0.00</b>	<b>0.79</b>
<b>Projected Days Bobwhite Hunting</b>	<b>255</b>	<b>562</b>	<b>77</b>	<b>41</b>	<b>1,005</b>	<b>1,005</b>	<b>0</b>	<b>1,005</b>
<b>Projected No. Bobwhite Hunters</b>	<b>85</b>	<b>107</b>	<b>19</b>	<b>28</b>	<b>239</b>	<b>268</b>	<b>0</b>	<b>268</b>
<b>Projected Bobwhite Bag</b>	<b>136</b>	<b>190</b>	<b>19</b>	<b>14</b>	<b>383</b>	<b>211</b>	<b>0</b>	<b>211</b>
	<b>TOTAL BOBWHITE HARVEST =</b>					<b>593</b>		
<b>Upland Bird Hunters Mean Satisfaction Score *</b>	4.83	4.76	4.50	4.74	4.78	5.63	5.63	5.63

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

### STATEWIDE BOBWHITE HARVEST, 1962-2011



# RUFFED GROUSE

The 2011 ruffed grouse season covered 17 September 2011 through 1 January 2012 statewide. Harvest surveys were sent to only resident hunters. The daily limit was 3 birds, possession 15. To hunt ruffed grouse, 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.

In 2011, there were 88,624 resident and 100,111 nonresident licenses issued that allowed holders to hunt ruffed grouse. Approximately 31% of residents and 20% of nonresidents were surveyed for the upland bird seasons. Survey response rates were 41.2% for residents and 50.2% for nonresidents.

Based on survey responses indicating at least one day of hunting ruffed grouse, there were a projected 585 resident ruffed grouse hunters.

An estimated 783 ruffed grouse were harvested during the 2011 season. When asked their satisfaction with their hunting, (1 being least satisfied, 7 being most satisfied), resident upland bird hunters reported an average satisfaction rating of 4.78 while nonresidents reported a satisfaction rating of 5.63.

## Summary of the 2011 ruffed grouse harvest

Year	Resident Hunters				Nonresident Hunters			
	Number Hunters	Harvest	Ave Days Hunted	Ave Bag	Number Hunters	Harvest	Ave Days Hunted	Ave Bag
2011	585	783	3.00	1.34	UNK	UNK	UNK	UNK

<b>RUFFED GROUSE HARVEST PROJECTIONS FOR 2011</b>									
<i>Revised: 13 Feb 2012</i>									
	RESIDENT TOTALS BY LICENSE TYPE					NONRESIDENT TOTALS			
	Small Game	Combo	Junior Combo	Youth SmGm	Sum Estimates	Nonres Sm Game	Youth Sm Game	Sum Estimates	
<b>Licenses Sold</b>	31,871	43,437	7,498	5,818	<b>88,624</b>	96,971	3,140	<b>100,111</b>	
<b>Projected ACTIVE UPLAND BIRD HUNTERS</b>	<b>26,641</b>	<b>33,238</b>	<b>4,882</b>	<b>4,914</b>	<b>69,674</b>	<b>92,581</b>	<b>2,920</b>	<b>95,502</b>	
Number Sampled by Survey	9,213	15,699	1,670	1,215	<b>27,797</b>	19,620	377	<b>19,997</b>	
Number Responded to Survey	3,752	6,875	391	421	<b>11,439</b>	9,906	136	<b>10,042</b>	
Responded and Participated in Season	3,211	5,267	275	372	<b>9,125</b>	9,672	128	<b>9,800</b>	
Responded but DID NOT HUNT	541	1,608	116	49	<b>2,314</b>	234	8	<b>242</b>	
<b>Survey Response Rate</b>	<b>40.7%</b>	<b>43.8%</b>	<b>23.4%</b>	<b>34.7%</b>	<b>41.2%</b>	<b>50.5%</b>	<b>36.1%</b>	<b>50.2%</b>	
No. Hunters Reporting Ruffed Grouse Days	19	47	3	5	<b>74</b>				<b>Unk</b>
Sum Ruffed Grouse Days	57	141	4	20	<b>222</b>				<b>Unk</b>
Average Days Hunting Ruffed Grouse	<b>3.00</b>	<b>3.00</b>	<b>1.33</b>	<b>4.00</b>	<b>3.00</b>				<b>Unk</b>
Sum Ruffed Grouse Bagged	15	81	3	0	<b>99</b>				<b>Unk</b>
Average Season Ruffed Grouse Bag	<b>0.79</b>	<b>1.72</b>	<b>1.00</b>	<b>0.00</b>	<b>1.34</b>				<b>Unk</b>
<b>Projected Days Ruffed Grouse Hunting</b>	<b>484</b>	<b>891</b>	<b>77</b>	<b>276</b>	<b>1,755</b>				
<b>Projected No. Ruffed Grouse Hunters</b>	<b>161</b>	<b>297</b>	<b>58</b>	<b>69</b>	<b>585</b>				
<b>Projected Ruffed Grouse Bag</b>	<b>127</b>	<b>512</b>	<b>58</b>	<b>0</b>	<b>783</b>				
			<b>TOTAL RUFFED GROUSE HARVEST =</b>				<b>783</b>		
<b>Upland Bird Hunters Mean Satisfaction Score *</b>	4.83	4.76	4.50	4.74	4.78	5.63	5.63	5.63	

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

## **MOURNING DOVE**

The 2011 mourning dove season was open 1 September -9 November statewide. The daily limit was 15 birds, possession 30. To hunt doves, residents were required to hold a small game, 1-day small game, adult or junior combination, or youth small game license; nonresidents were required to obtain a nonresident small game or nonresident youth small game license. All hunters were also required to purchase a Migratory Bird Certificate.

In 2011, 30,544 resident and 100,111 nonresident licenses were issued to hunt doves. Approximately 32% of resident migratory bird hunters and 20% of nonresident small game hunters were surveyed for the mourning dove season. Survey response rates were 52% for residents and 50% for nonresidents.

Based on survey responses indicating at least one day of hunting doves, there were an estimated 6,444 active dove hunters. The five counties with the highest projected dove harvest were Minnehaha, Charles Mix, Brookings, Hughes, and Yankton.

A projected total of 88,854 doves were harvested during the 2011 season. When asked their satisfaction on the season, (1 being least, 7 being most satisfied), resident dove hunters reported an average satisfaction rating of 5.27, nonresidents 5.41.

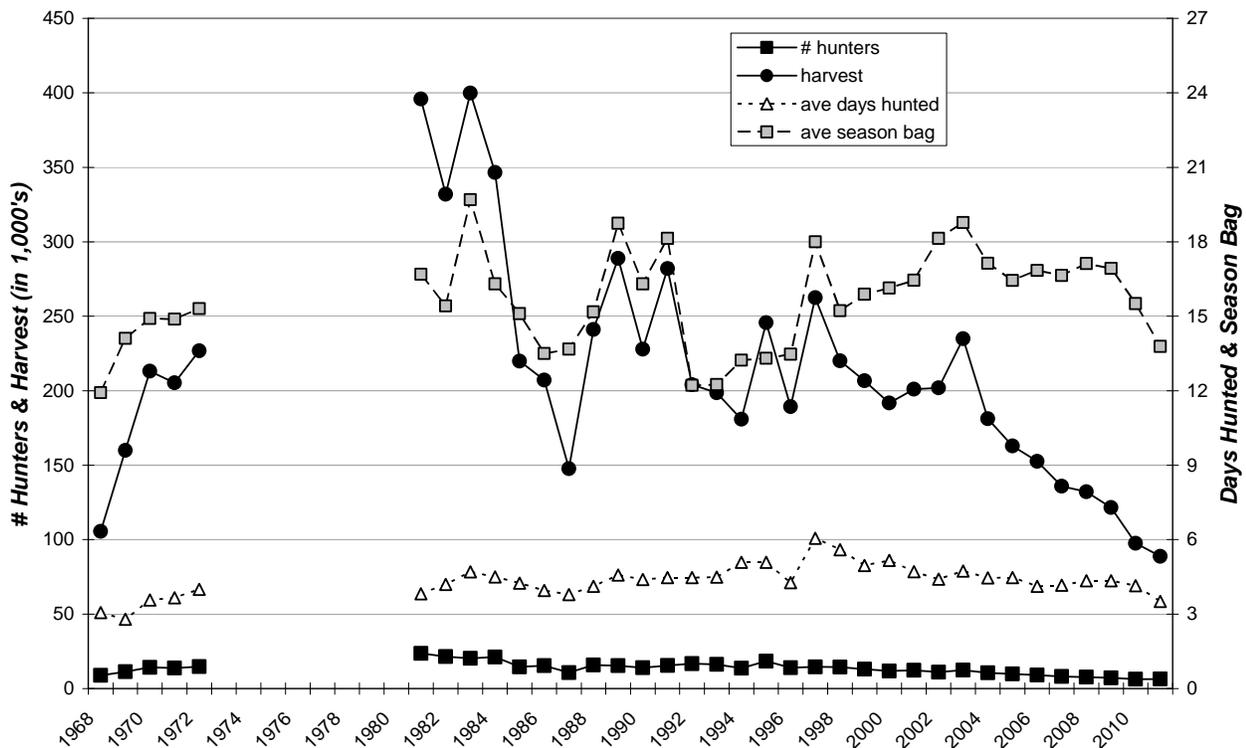
Summary comparison of the 2001 - 2011 mourning dove seasons

Year	<i>Resident Hunters</i>					<i>Nonresident Hunters</i>				
	<i>Number Hunters</i>	<i>Harvest</i>	<i>Ave Day Hunted</i>	<i>Ave Bag</i>	<i>Satisfaction</i>	<i>Number Hunters</i>	<i>Harvest</i>	<i>Ave Day Hunted</i>	<i>Ave Bag</i>	<i>Satisfaction</i>
2001	11,990	198,195	4.75	16.53	4.66	231	2,804	1.00	12.14	4.50
2002	10,599	193,114	4.49	18.22	4.72	536	8,876	2.81	16.56	5.75
2003	12,060	225,522	4.79	18.70	4.84	452	9,415	3.50	20.83	6.58
2004	10,240	174,899	4.48	17.08	4.26	339	6,366	3.89	18.78	4.86
2005	9,568	159,690	4.48	16.69	4.60	344	3,268	4.25	9.50	5.87
2006	8,919	150,820	4.13	16.91	4.96	134	1,723	3.57	12.86	6.57
2007	7,722	125,174	4.19	16.21	4.98	439	10,694	3.86	24.36	5.79
2008	7,346	125,102	4.39	17.03	5.01	373	7,050	3.40	18.90	6.00
2009	6,892	114,821	4.34	16.66	4.93	285	6,698	4.44	23.50	5.81
2010	6,035	93,361	4.15	15.47	5.13	258	4,267	4.23	16.54	6.38
2011	6,112	82,291	3.50	13.46	5.27	332	6,563	3.65	19.79	5.41

<b><i>MOURNING DOVE HARVEST PROJECTIONS FOR 2011</i></b>		
<i>Last Revised: 7 June 2012</i>		
	<b>Resident</b>	<b>Non Residents</b>
<b>Licenses Sold *</b>	30,544	100,111
<b>Projected ACTIVE MOURNING DOVE HUNTERS</b>	<b>6,112</b>	<b>332</b>
Number Sampled by Survey	9,875	19,997
Number Responded to Survey	5,147	10,042
Responded and Participated in Season	1,030	34
Responded but DID NOT HUNT	<b>4,117</b>	<b>10,008</b>
<b>Survey Response Rate</b>	<b>52.1%</b>	<b>50.2%</b>
No. Hunters Reporting Dove Days	1,030	34
Total Reported Dove Hunted Days	3,608	124
<b>Average Days Hunted Doves</b>	<b>3.50</b>	<b>3.65</b>
Total Reported Doves Bagged	13,867	673
<b>Average Dove Bag for Season</b>	<b>13.46</b>	<b>19.79</b>
Projected Days Dove Hunting	<b>21,411</b>	<b>1,209</b>
Projected No. Dove Hunters	<b>6,112</b>	<b>332</b>
Projected Dove Bag	<b>82,291</b>	<b>6,563</b>
<b>Avg Days Hunted</b>		<b>3.51</b>
<b>TOTAL DOVE HARVEST =</b>		<b>88,854</b>
<b>Dove Hunter Mean Satisfaction Score *1*</b>	5.27	5.41

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

### STATEWIDE MOURNING DOVE HARVEST, 1968-2011



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<b>Mourning Dove Harvest Distribution by County 2011</b>									
<b>COUNTY</b>	<b>HUNTER DISTRIBUTION</b>				<b>HARVEST DISTRIBUTION</b>				<b>Birds/Hunter **</b>
	<b># Reported</b>	<b># Projected</b>	<b>% of Total</b>	<b># Proj w/ Unk *</b>	<b># Reported</b>	<b># Projected</b>	<b>% of Total</b>	<b># Proj w/ Unk *</b>	
Minnehaha	83	503	8.2	525	1,045	6,386	7.5	6,700	12.7
Pennington	44	266	4.3	279	592	3,618	4.3	3,795	13.6
Brown	43	260	4.2	272	606	3,703	4.4	3,885	14.2
Beadle	23	139	2.3	146	190	1,161	1.4	1,218	8.3
Codington	47	285	4.6	298	700	4,278	5.1	4,488	15.0
Brookings	49	297	4.8	310	894	5,463	6.5	5,732	18.4
Yankton	21	127	2.1	133	340	2,078	2.5	2,180	16.3
Davison	22	133	2.2	139	251	1,534	1.8	1,609	11.5
Lawrence	5	30	0.5	32	56	342	0.4	359	11.3
Aurora	10	61	1.0	63	163	996	1.2	1,045	16.4
Bennett	6	36	0.6	38	77	471	0.6	494	12.9
Bon Homme	21	127	2.1	133	362	2,212	2.6	2,321	17.4
Brule	9	55	0.9	57	56	342	0.4	359	6.3
Buffalo	0	0	0.0	0	0	0	0.0	0	0
Butte	9	55	0.9	57	106	648	0.8	680	11.9
Campbell	2	12	0.2	13	10	61	0.1	64	5.0
Charles Mix	38	230	3.7	241	690	4,217	5.0	4,424	18.3
Clark	13	79	1.3	82	137	837	1.0	878	10.6
Clay	14	85	1.4	89	154	941	1.1	987	11.1
Corson	4	24	0.4	25	45	275	0.3	289	11.4
Custer	9	55	0.9	57	164	1,002	1.2	1,051	18.4
Day	13	79	1.3	82	82	501	0.6	526	6.4
Deuel	13	79	1.3	82	175	1,069	1.3	1,122	13.6
Dewey	3	18	0.3	19	30	183	0.2	192	10.1
Douglas	9	55	0.9	57	277	1,693	2.0	1,776	31.1
Edmunds	11	67	1.1	70	108	660	0.8	692	9.9
Fall River	19	115	1.9	120	217	1,326	1.6	1,391	11.5
Faulk	2	12	0.2	13	17	104	0.1	109	8.6
Grant	18	109	1.8	114	226	1,381	1.6	1,449	12.7
Gregory	14	85	1.4	89	251	1,534	1.8	1,609	18.1
Haakon	9	55	0.9	57	173	1,057	1.2	1,109	19.4
Hamlin	19	115	1.9	120	199	1,216	1.4	1,276	10.6
Hand	11	67	1.1	70	140	856	1.0	898	12.8
Hanson	11	67	1.1	70	275	1,681	2.0	1,763	25.2
Harding	1	6	0.1	6	3	18	0.0	19	3.0
Hughes	59	357	5.8	373	849	5,188	6.1	5,443	14.5
Hutchinson	12	73	1.2	76	100	611	0.7	641	8.4
Hyde	2	12	0.2	13	14	86	0.1	90	7.1
Jackson	4	24	0.4	25	36	220	0.3	231	9.1
Jerauld	7	42	0.7	44	53	324	0.4	340	7.6
Jones	6	36	0.6	38	129	788	0.9	827	21.7
Kingsbury	14	85	1.4	89	167	1,021	1.2	1,071	12.0
Lake	28	170	2.8	177	256	1,564	1.8	1,641	9.2
Lincoln	34	206	3.3	215	572	3,495	4.1	3,667	17.0
Lyman	18	109	1.8	114	257	1,571	1.9	1,648	14.4
McCook	24	145	2.4	152	217	1,326	1.6	1,391	9.1
McPherson	6	36	0.6	38	65	397	0.5	417	10.9
Marshall	9	55	0.9	57	117	715	0.8	750	13.1
Meade	17	103	1.7	108	169	1,033	1.2	1,084	10.0
Mellette	1	6	0.1	6	0	0	0.0	0	0.0
Miner	12	73	1.2	76	152	929	1.1	975	12.8
Moody	14	85	1.4	89	230	1,406	1.7	1,475	16.6
Perkins	12	73	1.2	76	133	813	1.0	853	11.2
Potter	3	18	0.3	19	17	104	0.1	109	5.7
Roberts	11	67	1.1	70	72	440	0.5	462	6.6
Sanborn	6	36	0.6	38	33	202	0.2	212	5.5
Spink	15	91	1.5	95	148	904	1.1	949	10.0
Stanley	11	67	1.1	70	126	770	0.9	808	11.6
Sully	11	67	1.1	70	155	947	1.1	994	14.2
Tripp	14	85	1.4	89	188	1,149	1.4	1,205	13.5
Turner	16	97	1.6	101	268	1,638	1.9	1,718	16.9
Union	11	67	1.1	70	161	984	1.2	1,032	14.8
Walworth	13	79	1.3	82	352	2,151	2.5	2,257	27.3
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	3	18	0.3	19	12	73	0.1	77	4.0
Unk/Unreported	46	279	-	-	681	4,162	-	-	14.9
<b>TOTALS:</b>	<b>1,064</b>	<b>6,444</b>	<b>100%</b>	<b>6,444</b>	<b>14,540</b>	<b>88,854</b>	<b>100%</b>	<b>88,854</b>	<b>13.79</b>

Last Revised: 7 June 2012

\* 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.

# 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 2011 sandhill crane season covered 24 September -20 November west of US 281. The daily limit was 3 birds, possession 6. To hunt cranes, residents were required to hold small game, 1-day small game, adult or junior combination, or youth small game licenses plus a migratory bird certification. Nonresidents were required to obtain a nonresident waterfowl, a nonresident small game, or a nonresident youth small game license plus a migratory bird certification.

## Comparison of the 2000 - 2011 sandhill crane harvests

<i>Year</i>	<i>Number of Hunters</i>	<i>Harvest</i>	<i>Ave Days Hunted</i>	<i>Ave Season Bag</i>
2000	209	374	N/A	1.79
2001	145	478	2.71	3.30
2002	144	160	2.38	1.11
2003	114*	166	2.16	1.46
2004	79*	67*	3.44	0.85*
2005	165*	190*	3.51	1.15*
2006	144*	202*		1.40*
2007	57*	163*		2.86*
2008	64*	83*		1.30*
2009	63*	96*		1.52*
2010	53*	92*		1.74*
2011	**	**		

\*2003-2010 estimates are preliminary.

\*\*2011 estimates were not available at the time of printing.

# WATERFOWL

In 2011, there were an estimated 18,836 active resident migratory bird hunters in South Dakota, of which 17,085 were active waterfowl hunters. There were also an estimated 4,326 nonresidents that participated in waterfowl hunting. Approximately 32% of the resident migratory bird certificate holders and 64% of the nonresident waterfowl license holders were sampled. The survey response rates were 52% for residents and 80% for nonresidents.

Approximately 3.4% of responding resident license holders stated that they participated in the mentored hunting program, which projects to approximately 1,039 hunters.

When asked their satisfaction on the season, (1 being least satisfied, 7 being most satisfied), waterfowl hunters reported an overall average rating of 5.27 for residents, and 5.50 for nonresidents.

Summary comparison of the 2002 - 2011 waterfowl seasons

Year	Resident Hunters				Nonresident Hunters			
	# Active Mig Brd Hunters	# Waterfowl Hunters	Survey Resp. Rate	Satisfaction	# Active Mig Brd Hunters	# Waterfowl Hunters	Survey Resp. Rate	Satisfaction
2002	31,110	28,804	76%	3.41	n/a	5,027	81%	4.99
2003	30,800	27,500	76%	3.15	n/a	4,717	83%	5.04
2004	27,951	25,349	76%	3.64	n/a	4,653	83%	4.60
2005	24,133	21,108	71%	3.34	n/a	4,326	81%	4.90
2006	23,585	20,684	76%	4.91	n/a	4,374	83%	5.20
2007	21,101	18,758	73%	4.83	n/a	4,338	82%	5.05
2008	19,894	17,751	69%	4.97	n/a	4,488	79%	5.17
2009	19,752	17,558	75%	4.87	n/a	4,300	83%	5.38
2010	19,436	17,652	69%	5.14	n/a	4,420	74%	5.50
2011	18,836	17,085	52%	5.27	n/a	4,326	80%	5.50

## WATERFOWL HARVEST SUMMARY FOR 2011

Last Revised: 5 June 2012

	Resident	Nonresident
<b>Resident Licenses Sold</b>	30,544	<b>4,995</b>
<b>Nonresident Season-long Licenses Sold</b>	-	251
<b>Nonresident 10-day Licenses Sold</b>	-	3,744
<b>Nonresident 3-day Licenses Sold</b>	-	1,000
<b>Projected ACTIVE MIGRATORY BIRD HUNTERS</b>	<b>18,836</b>	<b>4,326</b>
Number Sampled by Survey	9,875	3,213
Number Responded to Survey	5,147	2,570
Responded and Participated in Season	<b>3,174</b>	<b>2,226</b>
Responded but DID NOT HUNT	1,973	344
<b>Survey Response Rate</b>	<b>52.1%</b>	<b>80.0%</b>
<b>MENTORED YOUTH PARTICIPATION:</b>		
No. Hunters Reporting Participation	175	N/A
<b>Projected No. Hunters Participating</b>	1,039	N/A
<b>Percent Hunters Participating</b>	3.4%	N/A
No. Hunters Reporting Goose or Duck Days	2,879	2,226
<b>Projected Waterfowl Hunters - Ducks and Geese</b>	<b>17,085</b>	<b>4,326</b>
<b>TOTAL WATERFOWL HUNTERS = 21,411</b>		
<b>All Waterfowl Hunter Mean Satisfaction Score *1*</b>	5.27	5.50

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

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 Corey Huxoll

<b>2011 Reported Nonresident Waterfowl Hunting Distribution - Where Hunted by County</b>						
<b>COUNTY</b>	<b>DUCKS</b>	<b>CANADAS</b>	<b>SNOWS</b>	<b>WHTFRNT</b>	<b>TOTALS</b>	<b>PERCENT</b>
Minnehaha	7	3	1	0	11	0.3%
Pennington	3	0	0	0	3	0.1%
<b>Brown</b>	<b>257</b>	<b>116</b>	<b>40</b>	<b>16</b>	<b>429</b>	<b>11.7%</b>
Beadle	36	18	5	1	60	1.6%
Codington	63	26	5	1	95	2.6%
Brookings	22	12	3	0	37	1.0%
Yankton	24	17	9	4	54	1.5%
Davison	21	5	1	0	27	0.7%
Lawrence	1	0	0	0	1	0.0%
Aurora	21	6	1	0	28	0.8%
Bennett	4	8	1	1	14	0.4%
Bon Homme	45	25	11	5	86	2.3%
Brule	31	6	2	2	41	1.1%
Buffalo	2	1	1	1	5	0.1%
Butte	1	0	0	0	1	0.0%
Campbell	10	4	1	1	16	0.4%
Charles Mix	42	18	6	3	69	1.9%
<b>Clark</b>	<b>160</b>	<b>80</b>	<b>42</b>	<b>11</b>	<b>293</b>	<b>8.0%</b>
Clay	7	6	2	0	15	0.4%
Corson	1	0	0	0	1	0.0%
Custer	0	0	0	0	0	0.0%
<b>Day</b>	<b>360</b>	<b>163</b>	<b>36</b>	<b>22</b>	<b>581</b>	<b>15.9%</b>
Deuel	12	6	2	2	22	0.6%
Dewey	0	0	0	1	1	0.0%
Douglas	7	0	0	0	7	0.2%
Edmunds	69	25	9	7	110	3.0%
Fall River	0	0	0	0	0	0.0%
Faulk	15	8	2	1	26	0.7%
Grant	5	4	0	0	9	0.2%
Gregory	1	1	0	0	2	0.1%
Haakon	0	0	0	0	0	0.0%
Hamlin	18	9	5	3	35	1.0%
Hand	19	4	1	0	24	0.7%
Hanson	6	2	0	0	8	0.2%
Harding	1	0	0	0	1	0.0%
Hughes	37	62	10	7	116	3.2%
Hutchinson	6	3	3	2	14	0.4%
Hyde	1	1	0	0	2	0.1%
Jackson	0	1	0	0	1	0.0%
Jerauld	11	2	0	0	13	0.4%
Jones	0	1	0	0	1	0.0%
Kingsbury	35	20	14	7	76	2.1%
Lake	12	4	2	0	18	0.5%
Lincoln	1	0	0	0	1	0.0%
Lyman	27	10	0	0	37	1.0%
McCook	0	0	0	0	0	0.0%
McPherson	70	43	12	6	131	3.6%
<b>Marshall</b>	<b>154</b>	<b>80</b>	<b>14</b>	<b>11</b>	<b>259</b>	<b>7.1%</b>
Meade	0	0	0	0	0	0.0%
Mellette	0	1	1	0	2	0.1%
Miner	17	8	1	0	26	0.7%
Moody	3	3	1	0	7	0.2%
Perkins	3	1	0	0	4	0.1%
Potter	32	10	3	2	47	1.3%
<b>Roberts</b>	<b>147</b>	<b>98</b>	<b>9</b>	<b>9</b>	<b>263</b>	<b>7.2%</b>
Sanborn	19	6	2	1	28	0.8%
Spink	65	24	12	4	105	2.9%
Stanley	14	35	3	3	55	1.5%
Sully	28	15	2	2	47	1.3%
Tripp	4	1	0	0	5	0.1%
Turner	3	1	1	0	5	0.1%
Union	6	6	2	1	15	0.4%
Walworth	11	3	1	0	15	0.4%
Ziebach	0	0	0	0	0	0.0%
Shannon	0	0	0	0	0	0.0%
Todd	0	0	0	0	0	0.0%
Unk/Unreported	119	103	26	11	259	7.1%
<b>TOTALS:</b>	<b>2,096</b>	<b>1,115</b>	<b>305</b>	<b>148</b>	<b>3,664</b>	<b>100.0%</b>

Last updated: 7 June 2012

# TUNDRA SWAN

The 2011 tundra swan season was open from October 1 - December 18 in the following counties: Campbell, Walworth, Potter, Sully, Hughes, Hyde, Hand, Faulk, Spink, McPherson, Edmunds, Brown, Marshall, Roberts, Day, Grant, Codington, Clark, Hamlin, Deuel, Beadle, Kingsbury, Brookings, Buffalo, Jerauld, Brule, Aurora, Sanborn, Miner, Lake, Moody, Davison, Hanson, McCook, and Minnehaha. Residents and nonresidents could purchase up to two licenses. To hunt swans, residents were required to hold a small game, 1-day small game, adult or junior combination, or youth small game license plus a migratory bird certification. Nonresidents were required to obtain a nonresident waterfowl license. All hunters age 16 and over were also required to obtain a federal waterfowl stamp. In addition, all hunters needed to apply for and receive a lottery-issued tundra swan license.

In 2011, there were 1,300 licenses available for the tundra swan season (1,100 residents, 200 nonresidents). A total of 1,234 licenses were sold (991 residents, 243 nonresidents). A total of 162 hunters purchased two licenses each. A random sample of 993 swan hunters was surveyed and the survey response rate was 70.7%. Approximately 69% of responding hunters used the Internet response system.

From the survey responses, there were a projected 261 swans harvested (not including cripples) during the 2011 season. There were a projected 30 birds crippled and not recovered during the season. When asked their satisfaction on the season, (1 being least satisfied, 7 being most satisfied), swan hunters reported an average rating of 5.05. From those who responded, 31% indicated they did not hunt for swans (some hunters indicated they just purchased the license in case they happened to see a swan while hunting other waterfowl). The average days hunted by all license holders (2.94 days) projected to a total of 2,926 recreation days for the season.

## Comparison of the 2010 – 2011 Tundra Swan seasons

Year	Licenses Sold			Harvest (w/o cripples)	Avg Days Hunted	Percent Success	Average Satisfaction
	Resident	Nonres	Total				
2001	808	175	983	337	3.61	34%	4.99
2002	885	175	1,060	193	3.24	19%	4.72
2003	806	196	1,002	41	3.21	4%	4.07
2004	619	201	820	134	3.58	16%	4.61
2005	637	174	811	120	3.67	15%	4.62
2006	635	166	801	163	3.70	20%	4.94
2007	783	281	1,064	144	3.67	14%	4.66
2008	758	200	958	220	3.68	23%	5.12
2009	1,034	208	1,242	297	3.72	24%	5.02
2010	991	243	1,234	191	2.77	15%	4.79
2011	978	178	1,156	261	2.94	23%	5.05

## 2011 Tundra Swan Harvest Projections

Unit/Type	Licenses							Response Rate	Unit Success	Cripples **	Harvest Projections				Ave. Days Hunted	Ave. Satis- faction	
	Resident			Nonresident							Total	Adults	Juvnles	Unk.			Harvest
	App. 1st Choice *	Available	Sold	App. 1st Choice *	Available	Sold	Hunters										
00A-81	321	1,100	978	109	200	178	995	70.7%	23%	30	218	31	11	261	2.94	5.05	

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

For those responding, 30.8% 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 2011

Month	Day	Rpt'd Harvest Number	% of Total Rpt Harvest	Month	Day	Rpt'd Harvest Number	% of Total Rpt Harvest	
<b>October</b>	1	0		<b>November</b>	10	4	2.17%	
	2	0			11	6	3.26%	
	3	0			12	11	5.98%	
	4	0			13	3	1.63%	
	5	1	0.54%		14	3	1.63%	
	6	0			15	4	2.17%	
	7	0			16	3	1.63%	
	8	2	1.09%		17	2	1.09%	
	9	0			18	4	2.17%	
	10	0			19	1	0.54%	
	11	0			20	0		
	12	0			21	0		
	13	1	0.54%		22	0		
	14	0			23	0		
	15	0			24	0		
	16	0			25	0		
	17	0			26	0		
	18	3	1.63%		27	0		
	19	0			28	0		
	20	3	1.63%		29	0		
	21	1	0.54%		30	1	0.54%	
	22	3	1.63%		<b>December</b>	1	0	
	23	3	1.63%			2	0	
	24	1	0.54%			3	0	
	25	7	3.80%			4	0	
	26	9	4.89%			5	0	
	27	3	1.63%			6	0	
	28	2	1.09%			7	0	
	29	18	9.78%			8	0	
	30	10	5.43%			9	0	
	31	11	5.98%	10		0		
<b>November</b>	1	5	2.72%	11	0			
	2	3	1.63%	12	0			
	3	3	1.63%	13	0			
	4	4	2.17%	14	0			
	5	7	3.80%	15	0			
	6	2	1.09%	16	0			
	7	4	2.17%	17	0			
	8	4	2.17%	18	0			
	9	6	3.26%					
		<b>October Subtotal:</b>	<b>78</b>	<b>42.39%</b>				
		<b>November Subtotal:</b>	<b>80</b>	<b>43.48%</b>				
		<b>December Subtotal:</b>	<b>0</b>	<b>0.00%</b>				
		<b>Unknown:</b>	<b>26</b>	<b>14.13%</b>				
		<b>TOTAL REPORTED:</b>	<b>184</b>					

Last updated: 5 March 2012

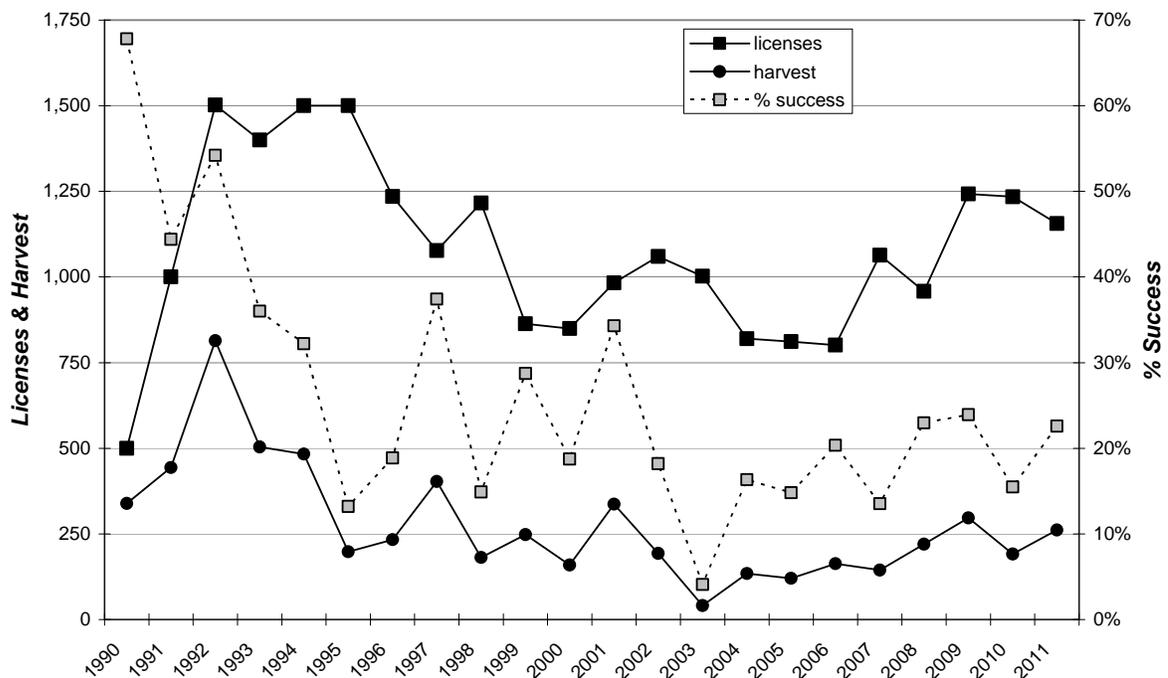
<b>Tundra Swan Harvest Distribution by County 2011</b>				
<b>HARVEST DISTRIBUTION</b>				
<b>COUNTY</b>	<b># Reported</b>	<b># Projected</b>	<b>% of Total</b>	<b># Proj w/ Unk *</b>
Brown	61	86	34.1	89
Beadle	1	1	0.6	1
Codington	3	4	1.7	4
Brookings	1	1	0.6	1
Campbell	3	4	1.7	4
Clark	13	18	7.3	19
Day	14	20	7.8	20
Deuel	1	1	0.6	1
Edmunds	4	6	2.2	6
Grant	1	1	0.6	1
Hamlin	1	1	0.6	1
Hyde	1	1	0.6	1
Kingsbury	5	7	2.8	7
McPherson	33	47	18.4	48
Marshall	20	28	11.2	29
Potter	2	3	1.1	3
Roberts	7	10	3.9	10
Spink	8	11	4.5	12
Unk/Unreported	5	7	-	-
<b>TOTALS:</b>	<b>184</b>	<b>261</b>	<b>100%</b>	<b>261</b>

*Last Revised: 5 Mar 2012*

*\* 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.*

### TUNDRA SWAN HARVEST, 1990-2011



## **DUCKS (all species)**

The 2011 duck season was open 24 September 2011 - 12 January 2012 statewide, although some units/zones may have opened later and/or closed sooner. A special Youth Waterfowl season was open 17-18 September for youth that had not reached age 16 by the first day of the season. The daily bag was 6 ducks, which could include no more than 5 mallards (up to 2 hens), 2 scaup, 2 redheads, 3 wood ducks, 1 canvasback or 2 pintails. 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 12 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 2011, there were an estimated 17,526 hunters who hunted at least one day for ducks (13,394 residents, 4,132 nonresidents). From the survey responses, there were a projected total of 264,740 ducks harvested (213,642 by residents, 51,098 by nonresidents). Nonresidents reported harvesting 6% of their ducks within 20 miles of the Missouri River. Average bag for residents was 15.95, 13.33 for nonresidents with the 10-day or season-long license, and 7.72 for nonresidents with the 3-day license.

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

When asked their satisfaction on the season, (1 being most dissatisfied, 7 being most satisfied), duck hunters reported an average satisfaction rating of 5.34 for residents and 5.51 for nonresidents.

The average days hunted by all hunters (7.34 residents, 4.94 10-day or season long nonresidents, and 2.83 3-day nonresidents) projected to a total of 117,214 recreation days for the season.

### Comparison of the 2000 - 2011 duck season statistics

Year	Resident Hunters					Nonresident Hunters				
	Number Hunters	Harvest	Ave Day Hunted	Ave Bag	Satisfaction	Number Hunters	Harvest	Ave Day Hunted	Ave Bag	Satisfaction
2000	21,257	242,117	7.28	11.39	4.49	3,551	38,812	4.43	10.93	4.85
2001	24,554	300,787	7.47	12.25	4.77	3,911	47,148	4.62	12.16	5.21
2002	22,085	284,897	7.51	12.90	4.64	4,139	43,162	4.35	10.43	5.01
2003	19,640	241,376	7.11	12.29	4.86	4,132	44,563	4.33	10.78	5.07
2004	19,179	223,435	7.08	11.65	4.33	4,049	42,074	4.26	10.39	4.60
2005	15,601	180,192	6.73	11.55	4.66	3,917	42,441	4.54	10.84	4.90
2006	14,531	203,870	7.26	14.03	4.95	4,349	50,975	4.64	11.72	5.21
2007	14,519	188,892	7.12	13.01	4.91	3,853	39,594	4.29	10.28	5.04
2008	13,376	175,761	7.44	13.14	5.03	4,058	43,364	4.40	10.69	5.16
2009	13,873	204,072	7.61	14.71	4.89	4,010	48,810	4.58	12.17	5.38
2010	14,038	209,868	7.63	14.95	5.19	4,123	52,434	4.74	12.72	5.52
2011	13,394	213,642	7.34	15.95	5.34	4,132	51,098	4.58	12.37	5.51

## **DUCK HARVEST SUMMARY FOR 2011**

Last Revised: 5 June 2012

	Resident	Nonresident
No. Resident Hunters Reporting Duck Days	2,257	-
Total Reported Duck Hunted Days	16,564	-
<b>Average Days Hunted Ducks</b>	<b>7.34</b>	-
Total Reported Ducks Bagged	36,001	-
<b>Average Duck Bag for Season</b>	<b>15.95</b>	-
<b>Projected Days Duck Hunting</b>	<b>98,296</b>	-
<b>Projected No. Duck Hunters</b>	<b>13,394</b>	-
<b>Projected Duck Bag</b>	<b>213,642</b>	-
<b>TOTAL RESIDENT DUCK HARVEST = 213,642</b>		
<b>Nonresident 10-day and Season-long Licenses</b>		
No. Hunters Reporting Duck Days	-	1,586
Total Reported Duck Hunted Days	-	7,834
<b>Average Days Hunted Ducks</b>	-	<b>4.94</b>
Total Reported Ducks Bagged	-	21,137
<b>Average Duck Bag for Season</b>	-	<b>13.33</b>
<b>Projected Days Duck Hunting</b>	-	<b>16,908</b>
<b>Projected No. Duck Hunters</b>	-	<b>3,423</b>
<b>Projected Duck Bag</b>	-	<b>45,620</b>
Duck Harvest Reported Within 20 Miles of Missouri River	-	2,576
<b>Projected Ducks Bagged w/in 20 miles of Missouri River</b>	-	<b>5,560</b>
<b>Nonresident 3-day Licenses</b>		
No. Hunters Reporting Duck Days	-	510
Total Reported Duck Hunted Days	-	1,445
<b>Average Days Hunted Ducks</b>	-	<b>2.83</b>
Total Reported Ducks Bagged	-	3,939
<b>Average Duck Bag for Season</b>	-	<b>7.72</b>
<b>Projected Days Duck Hunting</b>	-	<b>2,010</b>
<b>Projected No. Duck Hunters</b>	-	<b>709</b>
<b>Projected Duck Bag</b>	-	<b>5,478</b>
Duck Harvest Reported Within 20 Miles of Missouri River	-	358
<b>Projected Ducks Bagged w/in 20 miles of Missouri River</b>	-	<b>498</b>
<b>TOTAL NONRESIDENT DUCK HARVEST = 51,098</b>		
<b>TOTAL DUCK HARVEST = 264,740</b>		
<b>Duck Hunter Mean Satisfaction Score *1*</b>	5.34	5.51
<i>*1* Based on scale of 1-7 with 1=very dissatisfied &amp; 7=very satisfied</i>		

South Dakota Game Report No 2012-02 - 2011 Small Game, Upland Bird & Migratory Bird Harvest Projections  
 Corey Huxoll

<b>Resident Duck Harvest Distribution by County 2011</b>									
COUNTY	HUNTER DISTRIBUTION				HARVEST DISTRIBUTION				Birds/Hunter **
	# Reported	# Projected	% of Total	# Proj w/ Unk *	# Reported	# Projected	% of Total	# Proj w/ Unk *	
Minnehaha	89	528	4.1	551	1,366	8,106	3.9	8,307	15.3
Pennington	28	166	1.3	173	214	1,270	0.6	1,301	7.6
Brown	179	1,062	8.3	1,108	3,642	21,613	10.4	22,148	20.3
Beadle	70	415	3.2	433	1,187	7,044	3.4	7,218	17.0
Codington	103	611	4.8	638	1,376	8,166	3.9	8,368	13.4
Brookings	122	724	5.6	755	1,708	10,136	4.9	10,387	14.0
Yankton	21	125	1.0	130	308	1,828	0.9	1,873	14.7
Davison	20	119	0.9	124	450	2,670	1.3	2,737	22.5
Lawrence	20	119	0.9	124	216	1,282	0.6	1,314	10.8
Aurora	19	113	0.9	118	287	1,703	0.8	1,745	15.1
Bennett	7	42	0.3	43	78	463	0.2	474	11.1
Bon Homme	20	119	0.9	124	333	1,976	0.9	2,025	16.7
Brule	24	142	1.1	149	354	2,101	1.0	2,153	14.8
Buffalo	1	6	0.0	6	2	12	0.0	12	2.0
Butte	26	154	1.2	161	403	2,392	1.1	2,451	15.5
Campbell	11	65	0.5	68	188	1,116	0.5	1,143	17.1
Charles Mix	45	267	2.1	279	654	3,881	1.9	3,977	14.5
Clark	98	582	4.5	607	1,652	9,804	4.7	10,046	16.9
Clay	9	53	0.4	56	89	528	0.3	541	9.9
Corson	1	6	0.0	6	2	12	0.0	12	2.0
Custer	3	18	0.1	19	45	267	0.1	274	15.0
Day	134	795	6.2	830	2,635	15,637	7.5	16,024	19.7
Deuel	26	154	1.2	161	205	1,217	0.6	1,247	7.9
Dewey	2	12	0.1	12	12	71	0.0	73	6.0
Douglas	13	77	0.6	80	150	890	0.4	912	11.5
Edmunds	46	273	2.1	285	708	4,202	2.0	4,306	15.4
Fall River	30	178	1.4	186	376	2,231	1.1	2,287	12.5
Faulk	16	95	0.7	99	220	1,306	0.6	1,338	13.8
Grant	27	160	1.2	167	326	1,935	0.9	1,983	12.1
Gregory	1	6	0.0	6	1	6	0.0	6	1.0
Haakon	1	6	0.0	6	10	59	0.0	61	10.0
Hamlin	79	469	3.7	489	1,458	8,652	4.2	8,867	18.5
Hand	15	89	0.7	93	205	1,217	0.6	1,247	13.7
Hanson	24	142	1.1	149	419	2,486	1.2	2,548	17.5
Harding	1	6	0.0	6	6	36	0.0	36	6.0
Hughes	52	309	2.4	322	490	2,908	1.4	2,980	9.4
Hutchinson	19	113	0.9	118	219	1,300	0.6	1,332	11.5
Hyde	5	30	0.2	31	88	522	0.3	535	17.6
Jackson	3	18	0.1	19	17	101	0.0	103	5.7
Jerauld	12	71	0.6	74	118	700	0.3	718	9.8
Jones	3	18	0.1	19	20	119	0.1	122	6.7
Kingsbury	128	760	5.9	793	3,268	19,393	9.3	19,874	25.5
Lake	130	771	6.0	805	2,544	15,097	7.2	15,471	19.6
Lincoln	14	83	0.6	87	214	1,270	0.6	1,301	15.3
Lyman	16	95	0.7	99	230	1,365	0.7	1,399	14.4
McCook	65	386	3.0	402	1,384	8,213	3.9	8,417	21.3
McPherson	29	172	1.3	180	435	2,581	1.2	2,645	15.0
Marshall	67	398	3.1	415	1,244	7,382	3.5	7,565	18.6
Meade	15	89	0.7	93	90	534	0.3	547	6.0
Mellette	3	18	0.1	19	9	53	0.0	55	3.0
Miner	32	190	1.5	198	497	2,949	1.4	3,022	15.5
Moody	39	231	1.8	241	339	2,012	1.0	2,062	8.7
Perkins	4	24	0.2	25	26	154	0.1	158	6.5
Potter	18	107	0.8	111	217	1,288	0.6	1,320	12.1
Roberts	57	338	2.6	353	835	4,955	2.4	5,078	14.6
Sanborn	15	89	0.7	93	219	1,300	0.6	1,332	14.6
Spink	28	166	1.3	173	427	2,534	1.2	2,597	15.3
Stanley	15	89	0.7	93	136	807	0.4	827	9.1
Sully	18	107	0.8	111	189	1,122	0.5	1,149	10.5
Tripp	2	12	0.1	12	14	83	0.0	85	7.0
Turner	19	113	0.9	118	172	1,021	0.5	1,046	9.1
Union	6	36	0.3	37	167	991	0.5	1,016	27.8
Walworth	17	101	0.8	105	235	1,395	0.7	1,429	13.8
Ziebach	1	6	0.0	6	3	18	0.0	18	3.0
Shannon	0	0	0.0	0	0	0	0.0	0	0
Todd	0	0	0.0	0	0	0	0.0	0	0
Unk/Unreported	94	558	-	-	870	5,163	-	-	9.3
<b>TOTALS:</b>	<b>2,257</b>	<b>13,394</b>	<b>100%</b>	<b>13,394</b>	<b>36,001</b>	<b>213,642</b>	<b>100%</b>	<b>213,642</b>	<b>15.95</b>

Last Revised: 11 July 2012

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

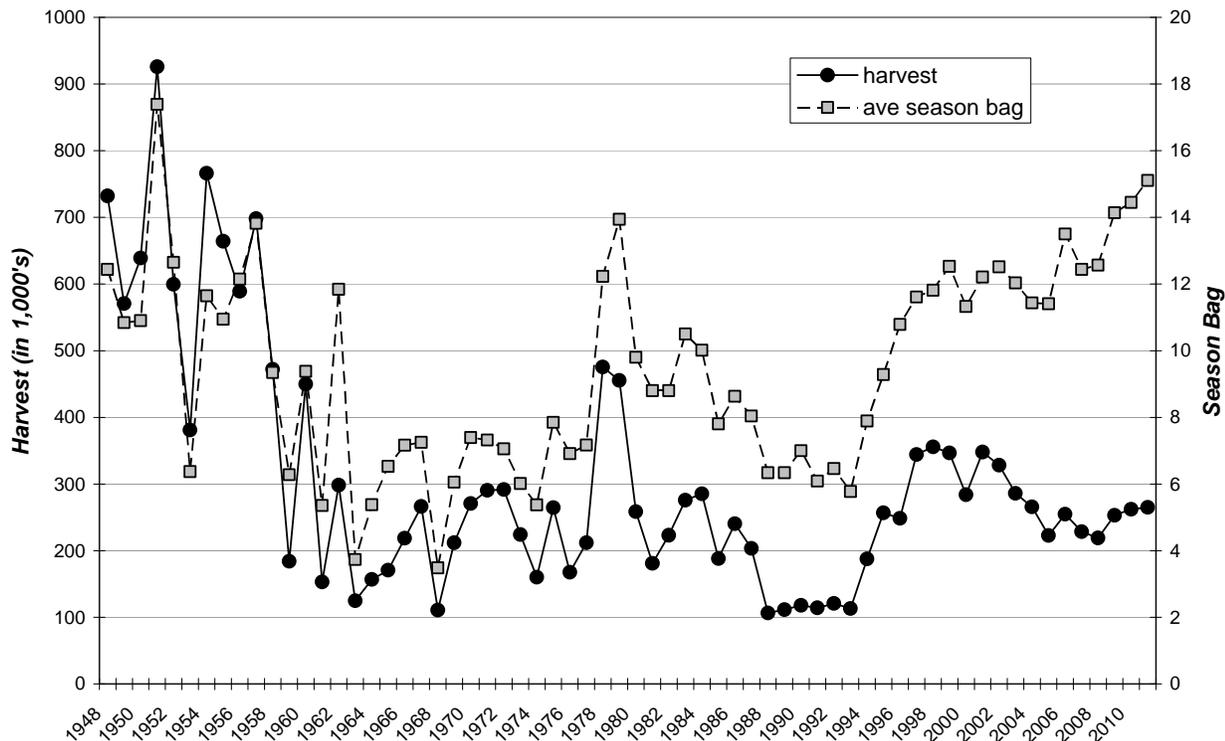
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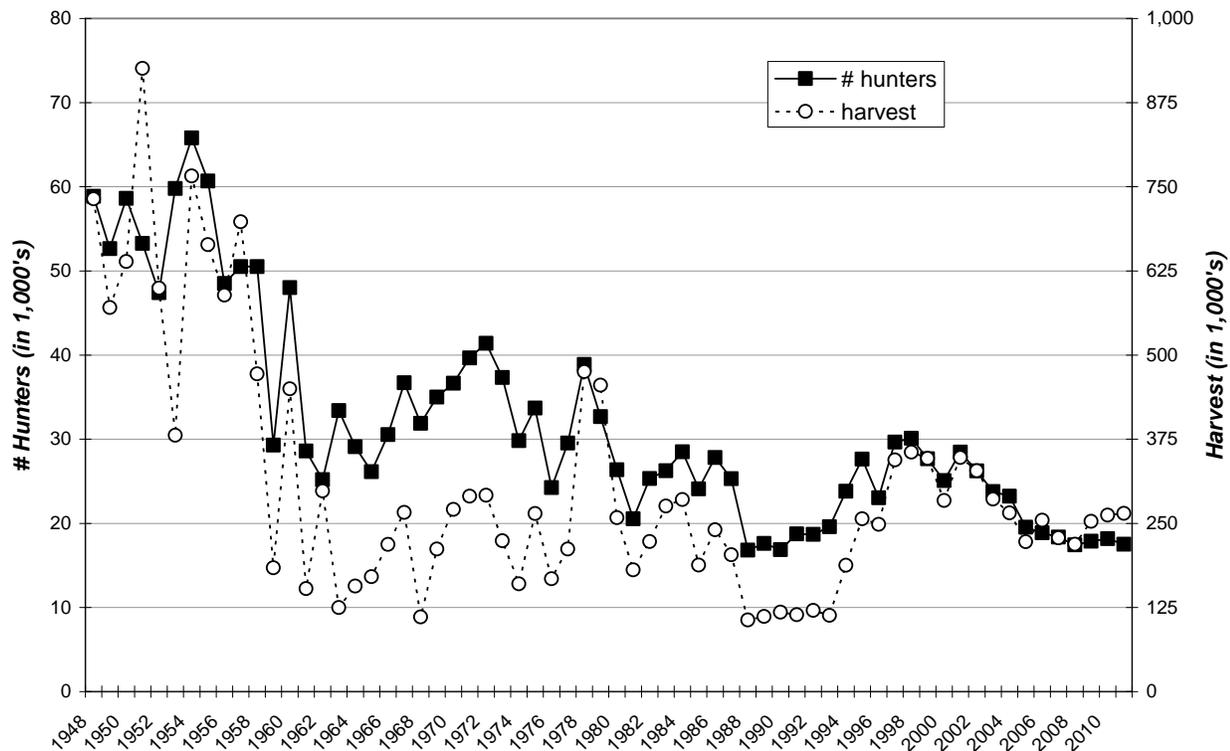
<b>Nonresident Duck Harvest Distribution by County 2011</b>									
<b>COUNTY</b>	<b>HUNTER DISTRIBUTION</b>				<b>HARVEST DISTRIBUTION</b>				<b>Birds/Hunter **</b>
	<b># Reported</b>	<b># Projected</b>	<b>% of Total</b>	<b># Proj w/ Unk *</b>	<b># Reported</b>	<b># Projected</b>	<b>% of Total</b>	<b># Proj w/ Unk *</b>	
Minnehaha	7	14	0.4	15	58	118	0.2	123	8.6
Pennington	3	6	0.2	6	26	53	0.1	55	9.0
Brown	257	507	13.0	537	3,507	7,146	14.6	7,451	14.1
Beadle	36	71	1.8	75	492	1,003	2.0	1,045	14.1
Codington	63	124	3.2	132	645	1,314	2.7	1,370	10.6
Brookings	22	43	1.1	46	285	581	1.2	606	13.4
Yankton	24	47	1.2	50	360	734	1.5	765	15.5
Davison	21	41	1.1	44	218	444	0.9	463	10.7
Lawrence	1	2	0.1	2	0	0	0.0	0	0.0
Aurora	21	41	1.1	44	224	456	0.9	476	11.0
Bennett	4	8	0.2	8	41	84	0.2	87	10.6
Bon Homme	45	89	2.3	94	1,036	2,111	4.3	2,201	23.8
Brule	31	61	1.6	65	195	397	0.8	414	6.5
Buffalo	2	4	0.1	4	25	51	0.1	53	12.9
Butte	1	2	0.1	2	3	6	0.0	6	3.1
Campbell	10	20	0.5	21	117	238	0.5	249	12.1
Charles Mix	42	83	2.1	88	512	1,043	2.1	1,088	12.6
Clark	160	315	8.1	334	1,717	3,499	7.1	3,648	11.1
Clay	7	14	0.4	15	193	393	0.8	410	28.5
Corson	1	2	0.1	2	18	37	0.1	38	18.6
Custer	0	0	0.0	0	0	0	0.0	0	0
Day	360	710	18.2	752	4,540	9,251	18.9	9,646	13.0
Deuel	12	24	0.6	25	98	200	0.4	208	8.4
Dewey	0	0	0.0	0	0	0	0.0	0	0
Douglas	7	14	0.4	15	67	137	0.3	142	9.9
Edmunds	69	136	3.5	144	795	1,620	3.3	1,689	11.9
Fall River	0	0	0.0	0	0	0	0.0	0	0
Faulk	15	30	0.8	31	153	312	0.6	325	10.5
Grant	5	10	0.3	10	55	112	0.2	117	11.4
Gregory	1	2	0.1	2	12	24	0.0	25	12.4
Haakon	0	0	0.0	0	0	0	0.0	0	0
Hamlin	18	35	0.9	38	186	379	0.8	395	10.7
Hand	19	37	1.0	40	203	414	0.8	431	11.0
Hanson	6	12	0.3	13	109	222	0.5	232	18.8
Harding	1	2	0.1	2	4	8	0.0	8	4.1
Hughes	37	73	1.9	77	184	375	0.8	391	5.1
Hutchinson	6	12	0.3	13	24	49	0.1	51	4.1
Hyde	1	2	0.1	2	9	18	0.0	19	9.3
Jackson	0	0	0.0	0	0	0	0.0	0	0
Jerauld	11	22	0.6	23	158	322	0.7	336	14.8
Jones	0	0	0.0	0	0	0	0.0	0	0
Kingsbury	35	69	1.8	73	469	956	2.0	996	13.8
Lake	12	24	0.6	25	181	369	0.8	385	15.6
Lincoln	1	2	0.1	2	10	20	0.0	21	10.3
Lyman	27	53	1.4	56	148	302	0.6	314	5.7
McCook	0	0	0.0	0	0	0	0.0	0	0
McPherson	70	138	3.5	146	1,038	2,115	4.3	2,205	15.3
Marshall	154	304	7.8	322	2,137	4,355	8.9	4,540	14.3
Meade	0	0	0.0	0	0	0	0.0	0	0
Mellette	0	0	0.0	0	0	0	0.0	0	0
Miner	17	34	0.9	36	128	261	0.5	272	7.8
Moody	3	6	0.2	6	12	24	0.0	25	4.1
Perkins	3	6	0.2	6	50	102	0.2	106	17.2
Potter	32	63	1.6	67	281	573	1.2	597	9.1
Roberts	147	290	7.4	307	2,139	4,359	8.9	4,545	15.0
Sanborn	19	37	1.0	40	179	365	0.7	380	9.7
Spink	65	128	3.3	136	566	1,153	2.4	1,203	9.0
Stanley	14	28	0.7	29	24	49	0.1	51	1.8
Sully	28	55	1.4	59	183	373	0.8	389	6.8
Tripp	4	8	0.2	8	20	41	0.1	42	5.2
Turner	3	6	0.2	6	29	59	0.1	62	10.0
Union	6	12	0.3	13	91	185	0.4	193	15.7
Walworth	11	22	0.6	23	96	196	0.4	204	9.0
Ziebach	0	0	0.0	0	0	0	0.0	0	0
Shannon	0	0	0.0	0	0	0	0.0	0	0
Todd	0	0	0.0	0	0	0	0.0	0	0
Unk/Unreported	119	235	-	-	1,026	2,091	-	-	8.9
<b>TOTALS:</b>	<b>2,096</b>	<b>4,132</b>	<b>100%</b>	<b>4,132</b>	<b>25,076</b>	<b>51,098</b>	<b>100%</b>	<b>51,098</b>	<b>12.37</b>

Last Revised: 11 July 2012  
\* 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.

### STATEWIDE DUCK (all species) HARVEST, 1948-2011



### STATEWIDE DUCK SEASON PARTICIPATION, 1948-2011



## **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 three sections report specifically on the August Management Take, Early Fall (September) and Special Bennett County seasons.

The 2011 Canada goose season was open from 3 September 2011 - 10 February 2012 statewide, although some units may have opened later and/or closed sooner. A special August Management Take was also open from 13 -28 August. The daily bag was 8 geese prior to 1 October; and after then it was 3 geese. Possession was twice the daily bag except during the August Take when there was no limit. 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 2011, there were a projected 15,543 hunters who hunted at least one day for Canada geese (13,376 residents, 2,167 nonresidents). From the survey responses, there were a projected total of 137,837 Canada geese harvested (131,505 by residents, 6,332 by nonresidents). Average Canada goose bag for residents was 9.83, for nonresidents 2.92. An estimated 21,349 Canada geese were harvested within 20 miles of the Missouri River.

The six counties with the highest reported harvest by residents were Codington, Deuel, Day, Hughes, Kingsbury, and Clark, and by nonresidents were Brown, Clark, Day, Hughes, Roberts, and Marshall.

When asked their satisfaction on the season, (1 being least satisfied, 7 being most satisfied), Canada goose hunters reported an average rating of 5.31 for residents and 5.63 for nonresidents. The average days hunted by all hunters (7.28 residents, 4.25 nonresidents) projected to a total of 106,570 recreation days for the season.

### Comparison of the 2000 - 2011 Canada goose harvests

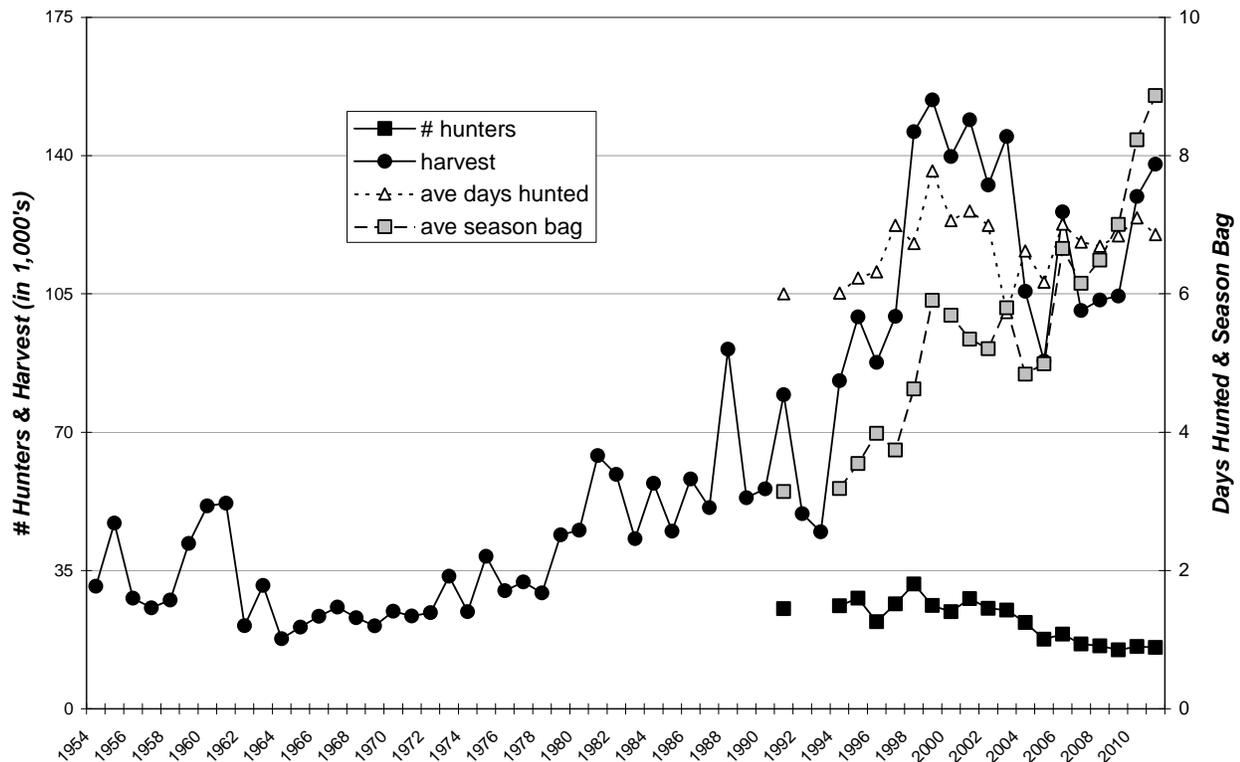
Year	Resident Hunters					Nonresident Hunters				
	Number Hunters	Harvest	Ave Day Hunted	Ave Bag	Satisfaction	Number Hunters	Harvest	Ave Day Hunted	Ave Bag	Satisfaction
2000	21,863	132,053	7.50	6.04	4.48	2,493	7,130	3.89	2.86	4.85
2001	25,375	142,608	7.51	5.62	4.62	2,499	6,422	4.09	2.57	5.16
2002	22,484	125,236	7.66	5.57	4.59	2,959	7,279	3.75	2.46	4.94
2003	21,860	135,751	7.16	6.21	4.89	3,110	9,050	3.56	2.91	5.18
2004	19,365	100,504	6.98	5.19	4.39	2,481	5,185	3.82	2.09	4.67
2005	15,288	83,167	6.53	5.44	4.65	2,343	4,803	3.84	2.05	4.97
2006	16,103	118,357	7.53	7.35	4.95	2,789	7,419	4.03	2.66	5.21
2007	14,026	94,535	7.24	6.74	4.81	2,349	6,248	3.82	2.66	5.21
2008	13,463	97,068	7.21	7.21	5.03	2,483	6,381	3.89	2.57	5.24
2009	12,927	98,892	7.25	7.65	4.92	1,986	5,561	4.14	2.80	5.27
2010	13,552	123,188	7.53	9.09	5.19	2,198	6,440	4.45	2.93	5.50
2011	13,376	131,505	7.28	9.83	5.31	2,167	6,332	4.25	2.92	5.63

## CANADA GOOSE HARVEST PROJECTIONS FOR 2011

Last Revised: 5 June 2012

	Resident	Nonresident
<b>All Seasons:</b>		
No. Hunters Reporting Canada Goose Days	2,254	1,115
Total Reported Canada Goose Hunted Days	16,406	4,739
<b>Average Days Hunted Canada Geese</b>	<b>7.28</b>	<b>4.25</b>
Total Reported Canada Geese Bagged	22,160	3,258
<b>Average Canada Goose Bag for Season</b>	<b>9.83</b>	<b>2.92</b>
<b>Projected Days Canada Goose Hunting</b>	<b>97,359</b>	<b>9,211</b>
<b>Projected No. Canada Goose Hunters</b>	<b>13,376</b>	<b>2,167</b>
<b>Projected Canada Goose Bag</b>	<b>131,505</b>	<b>6,332</b>
Canada Geese Reported w/in 20 miles of Missouri River	3,345	771
<b>Projected Canada Geese Bagged w/in 20 miles of Missouri River</b>	<b>19,850</b>	<b>1,499</b>
<b>TOTAL CANADA GOOSE HARVEST ALL SEASONS = 137,837</b>		
<b>Canada Goose Hunter Mean Satisfaction Score *1*</b>	5.31	5.63
<i>*1* Based on scale of 1-7 with 1=very dissatisfied &amp; 7=very satisfied</i>		

STATEWIDE CANADA GOOSE (all seasons) HARVEST, 1954-2011



South Dakota Game Report No 2012-02 - 2011 Small Game, Upland Bird & Migratory Bird Harvest Projections  
 Corey Huxoll

<b>Resident Canada Goose Harvest Distribution by County 2011</b>									
<b>COUNTY</b>	<b>HUNTER DISTRIBUTION</b>				<b>HARVEST DISTRIBUTION</b>				<b>Birds/Hunter **</b>
	<b># Reported</b>	<b># Projected</b>	<b>% of Total</b>	<b># Proj w/ Unk *</b>	<b># Reported</b>	<b># Projected</b>	<b>% of Total</b>	<b># Proj w/ Unk *</b>	
Minnehaha	98	582	4.6	616	1,023	6,071	4.7	6,222	10.4
Pennington	14	83	0.7	88	165	979	0.8	1,003	11.8
Brown	117	694	5.5	736	1,084	6,433	5.0	6,593	9.3
Beadle	52	309	2.4	327	399	2,368	1.8	2,427	7.7
Codington	90	534	4.2	566	1,122	6,658	5.2	6,824	12.5
Brookings	98	582	4.6	616	790	4,688	3.7	4,805	8.1
Yankton	18	107	0.8	113	197	1,169	0.9	1,198	10.9
Davison	10	59	0.5	63	33	196	0.2	201	3.3
Lawrence	11	65	0.5	69	21	125	0.1	128	1.9
Aurora	9	53	0.4	57	35	208	0.2	213	3.9
Bennett	61	362	2.9	384	225	1,335	1.0	1,368	3.7
Bon Homme	18	107	0.8	113	185	1,098	0.9	1,125	10.3
Brule	22	131	1.0	138	192	1,139	0.9	1,168	8.7
Buffalo	7	42	0.3	44	102	605	0.5	620	14.6
Butte	18	107	0.8	113	83	493	0.4	505	4.6
Campbell	7	42	0.3	44	55	326	0.3	334	7.9
Charles Mix	63	374	3.0	396	521	3,092	2.4	3,169	8.3
Clark	87	516	4.1	547	1,247	7,400	5.8	7,584	14.3
Clay	7	42	0.3	44	41	243	0.2	249	5.9
Corson	4	24	0.2	25	11	65	0.1	67	2.8
Custer	0	0	0.0	0	0	0	0.0	0	0
Day	133	789	6.3	836	1,965	11,661	9.1	11,951	14.8
Deuel	40	237	1.9	252	1,120	6,646	5.2	6,812	28.0
Dewey	2	12	0.1	13	37	220	0.2	225	18.5
Douglas	5	30	0.2	31	20	119	0.1	122	4.0
Edmunds	33	196	1.6	208	227	1,347	1.0	1,381	6.9
Fall River	18	107	0.8	113	119	706	0.6	724	6.6
Faulk	9	53	0.4	57	54	320	0.2	328	6.0
Grant	45	267	2.1	283	599	3,555	2.8	3,643	13.3
Gregory	1	6	0.0	6	0	0	0.0	0	0.0
Haakon	2	12	0.1	13	5	30	0.0	30	2.5
Hamlin	62	368	2.9	390	493	2,926	2.3	2,998	8.0
Hand	6	36	0.3	38	52	309	0.2	316	8.7
Hanson	26	154	1.2	164	390	2,314	1.8	2,372	15.0
Harding	2	12	0.1	13	9	53	0.0	55	4.5
Hughes	190	1,128	8.9	1,195	1,992	11,821	9.2	12,115	10.5
Hutchinson	13	77	0.6	82	77	457	0.4	468	5.9
Hyde	2	12	0.1	13	1	6	0.0	6	0.5
Jackson	2	12	0.1	13	2	12	0.0	12	1.0
Jerauld	7	42	0.3	44	25	148	0.1	152	3.6
Jones	2	12	0.1	13	6	36	0.0	36	3.0
Kingsbury	104	617	4.9	654	1,122	6,658	5.2	6,824	10.8
Lake	104	617	4.9	654	689	4,089	3.2	4,190	6.6
Lincoln	22	131	1.0	138	205	1,217	0.9	1,247	9.3
Lyman	20	119	0.9	126	142	843	0.7	864	7.1
McCook	57	338	2.7	358	553	3,282	2.6	3,363	9.7
McPherson	34	202	1.6	214	344	2,041	1.6	2,092	10.1
Marshall	66	392	3.1	415	987	5,857	4.6	6,003	15.0
Meade	3	18	0.1	19	39	231	0.2	237	13.0
Mellette	3	18	0.1	19	4	24	0.0	24	1.3
Miner	24	142	1.1	151	489	2,902	2.3	2,974	20.4
Moody	35	208	1.6	220	256	1,519	1.2	1,557	7.3
Perkins	23	136	1.1	145	176	1,044	0.8	1,070	7.7
Potter	7	42	0.3	44	10	59	0.0	61	1.4
Roberts	70	415	3.3	440	808	4,795	3.7	4,914	11.5
Sanborn	16	95	0.8	101	62	368	0.3	377	3.9
Spink	25	148	1.2	157	234	1,389	1.1	1,423	9.4
Stanley	20	119	0.9	126	58	344	0.3	353	2.9
Sully	45	267	2.1	283	270	1,602	1.2	1,642	6.0
Tripp	3	18	0.1	19	19	113	0.1	116	6.3
Turner	19	113	0.9	119	322	1,911	1.5	1,958	16.9
Union	9	53	0.4	57	70	415	0.3	426	7.8
Walworth	7	42	0.3	44	40	237	0.2	243	5.7
Ziebach	0	0	0.0	0	0	0	0.0	0	0
Shannon	0	0	0.0	0	0	0	0.0	0	0
Todd	0	0	0.0	0	0	0	0.0	0	0
Unk/Unreported	127	754	-	-	537	3,187	-	-	4.2
<b>TOTALS:</b>	<b>2,254</b>	<b>13,376</b>	<b>100%</b>	<b>13,376</b>	<b>22,160</b>	<b>131,505</b>	<b>100%</b>	<b>131,505</b>	<b>9.83</b>

Last Revised: 6 June 2012

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

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

South Dakota Game Report No 2012-02 - 2011 Small Game, Upland Bird & Migratory Bird Harvest Projections  
 Corey Huxoll

<b>Nonresident Canada Goose Harvest Distribution by County 2011</b>									
COUNTY	HUNTER DISTRIBUTION				HARVEST DISTRIBUTION				Birds/Hunter **
	# Reported	# Projected	% of Total	# Proj w/ Unk *	# Reported	# Projected	% of Total	# Proj w/ Unk *	
Minnehaha	3	6	0.3	6	11	21	0.4	23	3.7
Pennington	0	0	0.0	0	0	0	0.0	0	0
Brown	116	225	11.5	248	291	566	9.6	606	2.5
Beadle	18	35	1.8	39	66	128	2.2	137	3.7
Codington	26	51	2.6	56	71	138	2.3	148	2.7
Brookings	12	23	1.2	26	40	78	1.3	83	3.3
Yankton	17	33	1.7	36	123	239	4.0	256	7.2
Davison	5	10	0.5	11	18	35	0.6	37	3.6
Lawrence	0	0	0.0	0	0	0	0.0	0	0
Aurora	6	12	0.6	13	9	17	0.3	19	1.5
Bennett	8	16	0.8	17	14	27	0.5	29	1.8
Bon Homme	25	49	2.5	54	84	163	2.8	175	3.4
Brule	6	12	0.6	13	2	4	0.1	4	0.3
Buffalo	1	2	0.1	2	2	4	0.1	4	2.0
Butte	0	0	0.0	0	0	0	0.0	0	0
Campbell	4	8	0.4	9	10	19	0.3	21	2.5
Charles Mix	18	35	1.8	39	42	82	1.4	87	2.3
Clark	80	155	7.9	171	198	385	6.5	412	2.5
Clay	6	12	0.6	13	44	86	1.4	92	7.3
Corson	0	0	0.0	0	0	0	0.0	0	0
Custer	0	0	0.0	0	0	0	0.0	0	0
Day	163	317	16.1	349	343	667	11.3	714	2.1
Deuel	6	12	0.6	13	15	29	0.5	31	2.5
Dewey	0	0	0.0	0	0	0	0.0	0	0
Douglas	0	0	0.0	0	0	0	0.0	0	0
Edmunds	25	49	2.5	54	48	93	1.6	100	1.9
Fall River	0	0	0.0	0	0	0	0.0	0	0
Faulk	8	16	0.8	17	13	25	0.4	27	1.6
Grant	4	8	0.4	9	28	54	0.9	58	7.0
Gregory	1	2	0.1	2	1	2	0.0	2	1.0
Haakon	0	0	0.0	0	0	0	0.0	0	0
Hamlin	9	17	0.9	19	9	17	0.3	19	1.0
Hand	4	8	0.4	9	7	14	0.2	15	1.8
Hanson	2	4	0.2	4	13	25	0.4	27	6.5
Harding	0	0	0.0	0	0	0	0.0	0	0
Hughes	62	121	6.1	133	268	521	8.8	558	4.3
Hutchinson	3	6	0.3	6	7	14	0.2	15	2.3
Hyde	1	2	0.1	2	0	0	0.0	0	0.0
Jackson	1	2	0.1	2	4	8	0.1	8	4.0
Jerauld	2	4	0.2	4	2	4	0.1	4	1.0
Jones	1	2	0.1	2	2	4	0.1	4	2.0
Kingsbury	20	39	2.0	43	65	126	2.1	135	3.3
Lake	4	8	0.4	9	23	45	0.8	48	5.8
Lincoln	0	0	0.0	0	0	0	0.0	0	0
Lyman	10	19	1.0	21	38	74	1.2	79	3.8
McCook	0	0	0.0	0	0	0	0.0	0	0
McPherson	43	84	4.2	92	132	257	4.3	275	3.1
Marshall	80	155	7.9	171	237	461	7.8	493	3.0
Meade	0	0	0.0	0	0	0	0.0	0	0
Mellette	1	2	0.1	2	6	12	0.2	12	6.0
Miner	8	16	0.8	17	7	14	0.2	15	0.9
Moody	3	6	0.3	6	10	19	0.3	21	3.3
Perkins	1	2	0.1	2	15	29	0.5	31	15.0
Potter	10	19	1.0	21	9	17	0.3	19	0.9
Roberts	98	190	9.7	210	410	797	13.5	853	4.2
Sanborn	6	12	0.6	13	9	17	0.3	19	1.5
Spink	24	47	2.4	51	69	134	2.3	144	2.9
Stanley	35	68	3.5	75	136	264	4.5	283	3.9
Sully	15	29	1.5	32	30	58	1.0	62	2.0
Tripp	1	2	0.1	2	3	6	0.1	6	3.0
Turner	1	2	0.1	2	2	4	0.1	4	2.0
Union	6	12	0.6	13	34	66	1.1	71	5.7
Walworth	3	6	0.3	6	22	43	0.7	46	7.3
Ziebach	0	0	0.0	0	0	0	0.0	0	0
Shannon	0	0	0.0	0	0	0	0.0	0	0
Todd	0	0	0.0	0	0	0	0.0	0	0
Unk/Unreported	103	200	-	-	216	420	-	-	2.1
<b>TOTALS:</b>	<b>1,115</b>	<b>2,167</b>	<b>100%</b>	<b>2,167</b>	<b>3,258</b>	<b>6,332</b>	<b>100%</b>	<b>6,332</b>	<b>2.92</b>

Last Revised: 7 June 2012  
 \* 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.

## **AUGUST MANAGEMENT TAKE** **CANADA GOOSE**

The 2011 Canada goose August Management Take was open for residents only from 13-28 August in Brookings, Clark, Codington, Day, Deuel, Hamlin, Hanson, Grant, Kingsbury, Lincoln, Lake, McCook, Marshall, Miner, Minnehaha, Moody, Roberts and Union counties. The daily bag limit was 8 and there was no 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.

In 2011, there were 15,387 resident hunters licensed to hunt the Canada goose August Management Take. Approximately 78% (11,959) of the resident hunters were surveyed and 4,048 responded for a 34% rate. All surveys were sent via email and a correction factor was used to account for nonresponse and email bias.

In 2011, there were a projected 3,211 license holders who hunted at least one day and harvested 30,300 Canada geese during the August Management Take.

Lincoln County was left off the list of open counties in the 2011 Hunting Handbook Supplement and consequently not listed as a choice in the survey for the county hunted most. One respondent noted hunting in Lincoln County but did not specify how many geese were harvested. No estimate is made for harvest in Lincoln County and it is assumed that is distributed among the other counties listed.

The five counties with the highest reported harvest were Day, Clark, Kingsbury, Minnehaha and Codington. Respondents hunted mostly on private land (81%), followed by public land (11%) and Walk-In land leased for hunting by the Department (8%).

Summary comparison of the 2010-11 August Management Take Canada goose seasons

<b>Year</b>	<b>Hunters</b>	<b>Harvest</b>	<b>Average Days Hunted</b>	<b>Average Season Bag</b>
2010	3,538	29,047	2.99	8.21
2011	3,211	30,300	2.74	9.44

**AUGUST TAKE CANADA GOOSE HARVEST FOR 2011**

Last Revised: 14 Sept 2011

	Resident
<b>AUGUST CANADA GOOSE MGT TAKE Licenses Sold *4*</b>	15,387
<b>AUGUST CANADA GOOSE MGT TAKE with Email</b>	13,099
<b>Projected No. August Mgt Take Hunters</b>	3,211
Number Sampled by Survey	11,959
Number Responded to Survey	4,048
Responded and Participated in Season	<b>1,042</b>
Responded but DID NOT HUNT	3,006
<b>Survey Response Rate</b>	<b>33.8%</b>
No. Hunters Reporting August Canada Goose Days	1,042
Total Reported August Canada Goose Hunted Days	2,854
<b>Average Days Hunted Canada Geese</b>	<b>2.74</b>
Total Reported Canada Geese Bagged	9,834
Total Reported Canada Geese Shot but not Retrieved	632
<b>Projected Canada Geese Shot but not Retrieved</b>	<b>1,947</b>
<b>Average Canada Goose Bag for August Take</b>	<b>9.44</b>
<b>Projected Days Canada Goose Hunting August Take</b>	<b>8,794</b>
<b>Projected No. August Take Canada Goose Hunters</b>	<b>3,211</b>
<b>Projected Canada Goose Bag</b>	<b>30,300</b>
<b>TOTAL CANADA GOOSE HARVEST AUGUST TAKE = 30,300</b>	

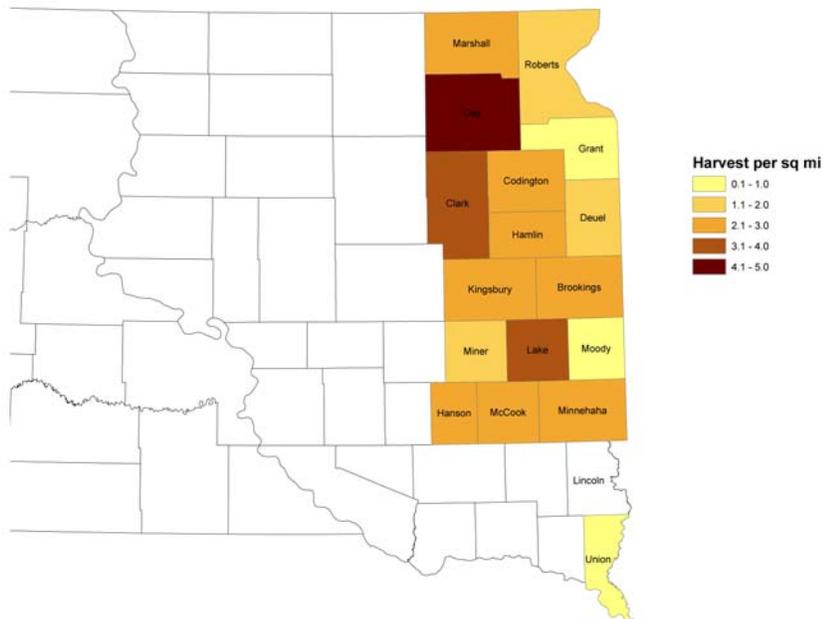
*\*4\* Numbers of resident licenses sold are based on the number of migratory bird certificates in the 2011 database purchased prior to August 19*

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COUNTY	HUNTER DISTRIBUTION				HARVEST DISTRIBUTION				Birds/Hunter**
	# Reported	# Projected	% of Total	# Proj w/ Unk*	# Reported	# Projected	% of Total	# Proj w/ Unk*	
Minnehaha	116	357	11.1	357	731	2,252	7.4	2,252	6.3
Codington	81	250	7.8	250	659	2,030	6.7	2,030	8.1
Brookings	77	237	7.4	237	566	1,744	5.8	1,744	7.4
Clark	88	271	8.4	271	1,105	3,405	11.2	3,405	12.6
Day	146	450	14.0	450	1,767	5,444	18.0	5,444	12.1
Deuel	44	136	4.2	136	367	1,131	3.7	1,131	8.3
Grant	24	74	2.3	74	124	382	1.3	382	5.2
Hamlin	59	182	5.7	182	519	1,599	5.3	1,599	8.8
Hanson	39	120	3.7	120	343	1,057	3.5	1,057	8.8
Kingsbury	82	253	7.9	253	750	2,311	7.6	2,311	9.1
Lake	73	225	7.0	225	597	1,839	6.1	1,839	8.2
McCook	52	160	5.0	160	546	1,682	5.6	1,682	10.5
Marshall	50	154	4.8	154	607	1,870	6.2	1,870	12.1
Miner	33	102	3.2	102	357	1,100	3.6	1,100	10.8
Moody	20	62	1.9	62	160	493	1.6	493	8.0
Roberts	50	154	4.8	154	619	1,907	6.3	1,907	12.4
Union	8	25	0.8	25	17	52	0.2	52	2.1
Unk/Unreported	0	0	-	-	0	0	-	-	-
<b>TOTALS:</b>	<b>1,042</b>	<b>3,211</b>	<b>100%</b>	<b>3,211</b>	<b>9,834</b>	<b>30,300</b>	<b>100%</b>	<b>30,300</b>	<b>9.44</b>

Revised: 15 Sept 2011  
 \* 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.

2011 Canada Goose August Management Take



## **EARLY FALL CANADA GOOSE**

The 2011 Early Fall Canada goose season was open from 3-30 September in the Unit 1 counties specified in the 2011 hunting guide, which included most of the state. However, nonresidents were prohibited from hunting in the counties of Beadle, Brookings, Hanson, Kingsbury, Lake, Lincoln, McCook, Miner, Minnehaha, Moody, Sanborn, Turner and Union during these dates. The daily bag limit was 8 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 2011, there were 24,378 hunters licensed to hunt the Early Fall Canada goose season (23,999 residents, 379 nonresidents). Approximately 61% (14,729) of the resident hunters and 72% (273) of the nonresident hunters were surveyed. The survey response rates were 32% for residents and 62% for nonresidents.

In 2011, there were a projected 5,416 hunters who hunted at least one day in Unit 1 during the Early Fall season. From the survey responses, there were a projected 50,361 geese harvested.

Resident hunters were surveyed utilizing the Resident Early Fall Canada Goose Survey that had been used prior to 2008. All surveys were sent via email and a correction factor was used to account for nonresponse and email bias.

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 - 2011 Early Fall Canada goose harvests

<b>Year</b>	<b>Number Hunters</b>	<b>Harvest</b>	<b>Average Days Hunted</b>	<b>Average Season Bag</b>
1997	6,506	11,281	2.67	1.73
1998	6,682	15,768	2.90	2.36
1999	9,173	25,960	3.15	2.83
2000	10,142	37,365	3.83	3.68
2001	8,358	51,491	3.58	6.16
2002	9,459	34,831	3.80	3.68
2003	10,152	42,417	3.82	4.18
2004	7,662	26,113	3.24	3.41
2005	5,686	21,499	3.22	3.78
2006	6,095	25,755	3.09	4.23
2007	5,876	26,698	UNK	4.54
2008	5,275	27,924	UNK	5.29
2009	6,157	39,275	UNK	6.38
2010	5,767	44,183	UNK	7.66
2011	5,417	50,361	3.41	9.30

**EARLY FALL CANADA GOOSE HARVEST PROJECTIONS FOR 2011**

Last Revised: 2 Nov 2011

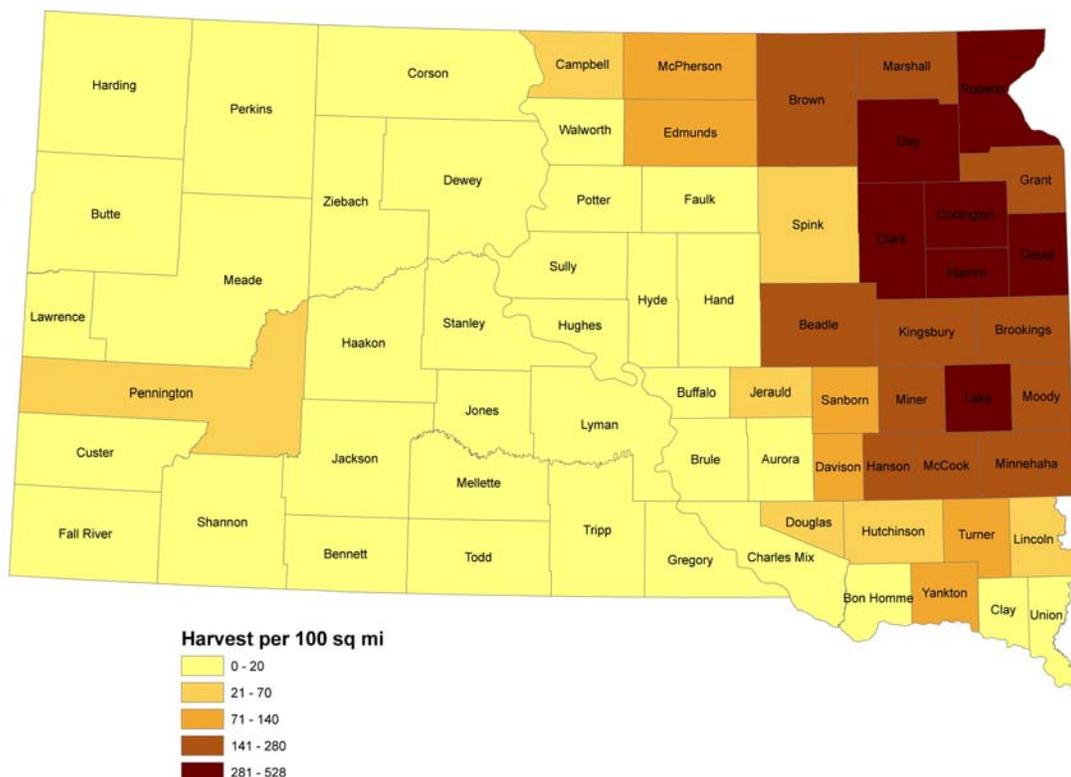
	Resident	Non Resident
<b>EARLY FALL CANADA GOOSE SEASON Licenses Sold *1*</b>	23,999	379
<b>EARLY FALL CANADA GOOSE with Email</b>	17,460	328
<b>Projected No. Early Fall Canada Goose Hunters</b>	5,098	318
Number Sampled by Survey	14,729	273
Number Responded to Survey	4,642	169
Responded and Participated in Season	<b>1,301</b>	<b>142</b>
Responded but DID NOT HUNT	3,341	27
<b>Survey Response Rate</b>	<b>31.5%</b>	<b>61.9%</b>
No. Hunters Reporting Early Fall Canada Goose Days	1,301	142
Total Reported Early Fall Canada Goose Hunted Days	4,433	492
<b>Average Days Hunted Canada Geese</b>	<b>3.41</b>	<b>3.46</b>
Total Reported Canada Geese Bagged	12,055	1,391
Total Reported Canada Geese Shot but not Retrieved	915	106
<b>Projected Canada Geese Shot but not Retrieved</b>	<b>3,586</b>	<b>238</b>
<b>Average Canada Goose Bag for Early Fall</b>	<b>9.27</b>	<b>9.80</b>
<b>Projected Days Canada Goose Hunting Early Fall</b>	<b>17,372</b>	<b>1,103</b>
<b>Projected No. Early Fall Canada Goose Hunters</b>	<b>5,098</b>	<b>318</b>
<b>Projected Canada Goose Bag</b>	<b>47,241</b>	<b>3,119</b>
<b>TOTAL CANADA GOOSE HARVEST EARLY FALL SEASON = 50,361</b>		
<b>Canada Goose Hunter Mean Satisfaction Score *2*</b>	5.43	5.51

\*1\* For residents: number of licenses based on # Migratory Bird Certificates in the 2011 GF82 database issued through 25 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

**2011 Early Fall Canada Goose**



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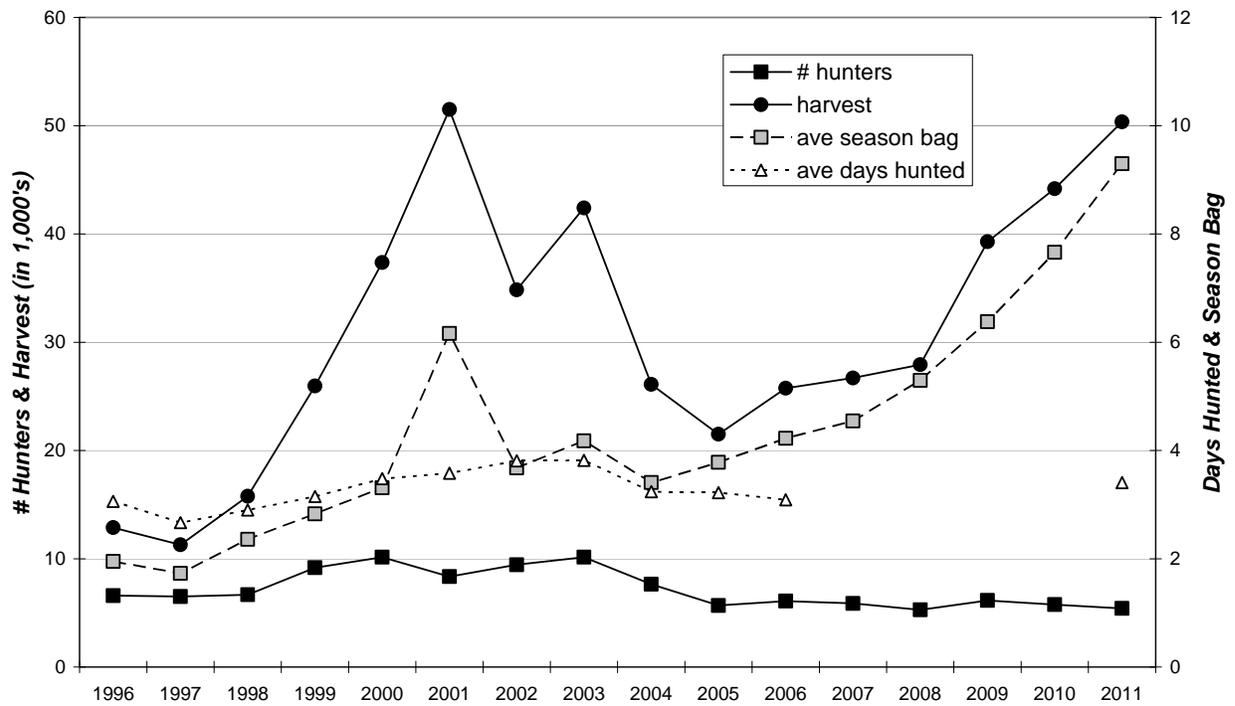
<b>Total Early Fall Canada Goose Harvest Distribution by County 2011</b>									
COUNTY	HUNTER DISTRIBUTION				HARVEST DISTRIBUTION				Birds/Hunter **
	# Reported	# Projected	% of Total	# Proj w/ Unk *	# Reported	# Projected	% of Total	# Proj w/ Unk *	
Minnehaha	94	368	6.8	371	559	2,191	4.4	2,200	5.9
Pennington	6	24	0.4	24	160	627	1.3	630	26.7
Brown	100	367	6.8	369	890	3,253	6.5	3,266	8.9
Beadle	39	153	2.8	154	452	1,771	3.5	1,779	11.6
Codington	70	268	5.0	269	634	2,381	4.7	2,390	8.9
Brookings	65	255	4.7	256	368	1,442	2.9	1,448	5.7
Yankton	17	63	1.2	64	166	622	1.2	625	9.8
Davison	8	31	0.6	32	102	400	0.8	401	12.8
Lawrence	1	4	0.1	4	9	35	0.1	35	9.0
Aurora	7	22	0.4	23	45	136	0.3	137	6.1
Bennett	0	0	0.0	0	0	0	0.0	0	0
Bon Homme	6	20	0.4	20	16	54	0.1	55	2.7
Brule	8	31	0.6	32	25	98	0.2	98	3.1
Buffalo	0	0	0.0	0	0	0	0.0	0	0
Butte	15	59	1.1	59	83	325	0.6	327	5.5
Campbell	10	39	0.7	39	82	321	0.6	323	8.2
Charles Mix	5	20	0.4	20	36	141	0.3	142	7.2
Clark	92	340	6.3	342	1,120	4,208	8.4	4,225	12.4
Clay	5	18	0.3	18	16	46	0.1	46	2.6
Corson	2	8	0.1	8	45	176	0.4	177	22.5
Custer	0	0	0.0	0	0	0	0.0	0	0
Day	131	471	8.8	474	1,580	5,734	11.4	5,757	12.2
Deuel	42	160	3.0	160	573	2,173	4.3	2,182	13.6
Dewey	2	6	0.1	6	2	4	0.0	5	0.7
Douglas	7	27	0.5	28	44	172	0.3	173	6.3
Edmunds	29	107	2.0	108	381	1,382	2.8	1,388	12.9
Fall River	0	0	0.0	0	0	0	0.0	0	0
Faulk	4	16	0.3	16	16	63	0.1	63	4.0
Grant	38	141	2.6	141	328	1,240	2.5	1,245	8.8
Gregory	0	0	0.0	0	0	0	0.0	0	0
Haakon	0	0	0.0	0	0	0	0.0	0	0
Hamlin	48	183	3.4	184	454	1,732	3.5	1,739	9.5
Hand	5	20	0.4	20	43	169	0.3	169	8.6
Hanson	26	102	1.9	102	283	1,109	2.2	1,114	10.9
Harding	0	0	0.0	0	0	0	0.0	0	0
Hughes	0	0	0.0	0	0	0	0.0	0	0
Hutchinson	16	58	1.1	58	79	291	0.6	292	5.0
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	7	27	0.5	28	66	259	0.5	260	9.4
Jones	0	0	0.0	0	0	0	0.0	0	0
Kingsbury	65	255	4.7	256	597	2,340	4.7	2,349	9.2
Lake	62	241	4.5	243	529	2,058	4.1	2,066	8.5
Lincoln	23	90	1.7	91	85	333	0.7	334	3.7
Lyman	0	0	0.0	0	0	0	0.0	0	0
McCook	45	176	3.3	177	277	1,086	2.2	1,090	6.2
McPherson	29	107	2.0	108	264	957	1.9	961	9.0
Marshall	63	222	4.1	223	592	2,166	4.3	2,175	9.8
Meade	5	20	0.4	20	4	16	0.0	16	0.8
Mellette	0	0	0.0	0	0	0	0.0	0	0
Miner	34	133	2.5	134	341	1,336	2.7	1,342	10.0
Moody	29	114	2.1	114	253	991	2.0	995	8.7
Perkins	0	0	0.0	0	0	0	0.0	0	0
Potter	3	12	0.2	12	23	90	0.2	90	7.7
Roberts	99	343	6.4	345	1,061	3,605	7.2	3,619	10.5
Sanborn	15	59	1.1	59	166	651	1.3	653	11.1
Spink	25	91	1.7	92	286	1,039	2.1	1,043	11.4
Stanley	0	0	0.0	0	0	0	0.0	0	0
Sully	2	8	0.1	8	9	35	0.1	35	4.5
Tripp	2	8	0.1	8	4	16	0.0	16	2.0
Turner	15	59	1.1	59	187	733	1.5	736	12.5
Union	5	20	0.4	20	20	78	0.2	79	4.0
Walworth	4	16	0.3	16	18	71	0.1	71	4.5
Ziebach	0	0	0.0	0	0	0	0.0	0	0
Shannon	1	4	0.1	4	0	0	0.0	0	0.0
Todd	1	2	0.0	2	0	0	0.0	0	0.0
Unk/Unreported	11	31	-	-	73	204	-	-	6.5
<b>TOTALS:</b>	<b>1,443</b>	<b>5,417</b>	<b>100%</b>	<b>5,417</b>	<b>13,446</b>	<b>50,361</b>	<b>100%</b>	<b>50,361</b>	<b>9.30</b>

Last Revised: 2 Nov 2011

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

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

### EARLY FALL CANADA GOOSE HARVEST, 1996-2011



# **SPECIAL CANADA GOOSE**

The 2011 Special Unit Canada goose season was open from 15 October to 18 December in Bennett County. To hunt this resident-only season, hunters were required to hold small game, 1-day small game, adult or junior combination or youth small game licenses plus a migratory bird certification, and for those hunters age 16 and over, a federal waterfowl stamp. Additionally, hunters must have applied for and received a Special Canada goose license for that specific unit. Each license allowed the hunter to harvest 3 geese and individuals could have had up to 5 licenses for the season, if licenses were left after the 2<sup>nd</sup> deadline drawing. A total of 111 hunters received multiple licenses for the 2011 season, including 17 hunters who received the maximum of 5 licenses each.

In 2011, there were 605 residents licensed to hunt the Special Canada goose season. All license holders were surveyed and 462 responses were received for a response rate of 76%. Approximately 68% of responding hunters used the Internet response system.

From the survey responses, there were an estimated 952 Canada geese harvested for an average bag of 1.38. Of the 462 hunters who responded to the survey, only 287 (62%) indicated that they actually hunted during this season. When asked their satisfaction on the season, (1 being least satisfied, 7 being most satisfied), Special Season hunters reported an average rating of 5.16.

## **SPECIAL CANADA GOOSE HARVEST FOR 2011**

*Last Revised: 5 March 2012*

	<b>Resident</b>
<b>SPECIAL CANADA GOOSE SEASON Licenses Sold</b>	800
<b>Number Unique Licenseholders</b>	605
Number Sampled by Survey	605
Number Responded to Survey	462
Responded and Participated in Season	<b>287</b>
Responded but DID NOT HUNT	175
<b>Survey Response Rate</b>	<b>76.4%</b>
Total Reported Canada Goose Hunted Days	636
<b>Average Days Hunted Canada Geese</b>	<b>1.38</b>
Total Reported Canada Geese Bagged	727
<b>Average Canada Goose Bag for Season</b>	<b>1.57</b>
<b>Projected Days Canada Goose Hunting</b>	<b>833</b>
<b>Projected No. Canada Goose Hunters</b>	<b>376</b>
<b>Projected Canada Goose Bag</b>	<b>952</b>
<b>Special Canada Goose Hunter Mean Satisfaction Score *1*</b>	5.16

**TOTAL CANADA GOOSE HARVEST SPECIAL SEASON = 952**

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

## **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 2011 light goose season covered 24 September - 18 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 2011, there were an estimated 4,497 hunters who hunted at least one day for light geese during the regular season (3,614 residents, 883 nonresidents). From survey responses, there was a projected harvest of 42,657 light geese (36,419 by residents, 6,238 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 5.37 for residents and 5.55 for nonresidents. The average days hunted by all hunters (3.92 residents, 4.70 for nonresidents) projected to a total of 18,312 recreation days for the season.

### Comparison of the 2000 - 2011 regular season light goose harvests

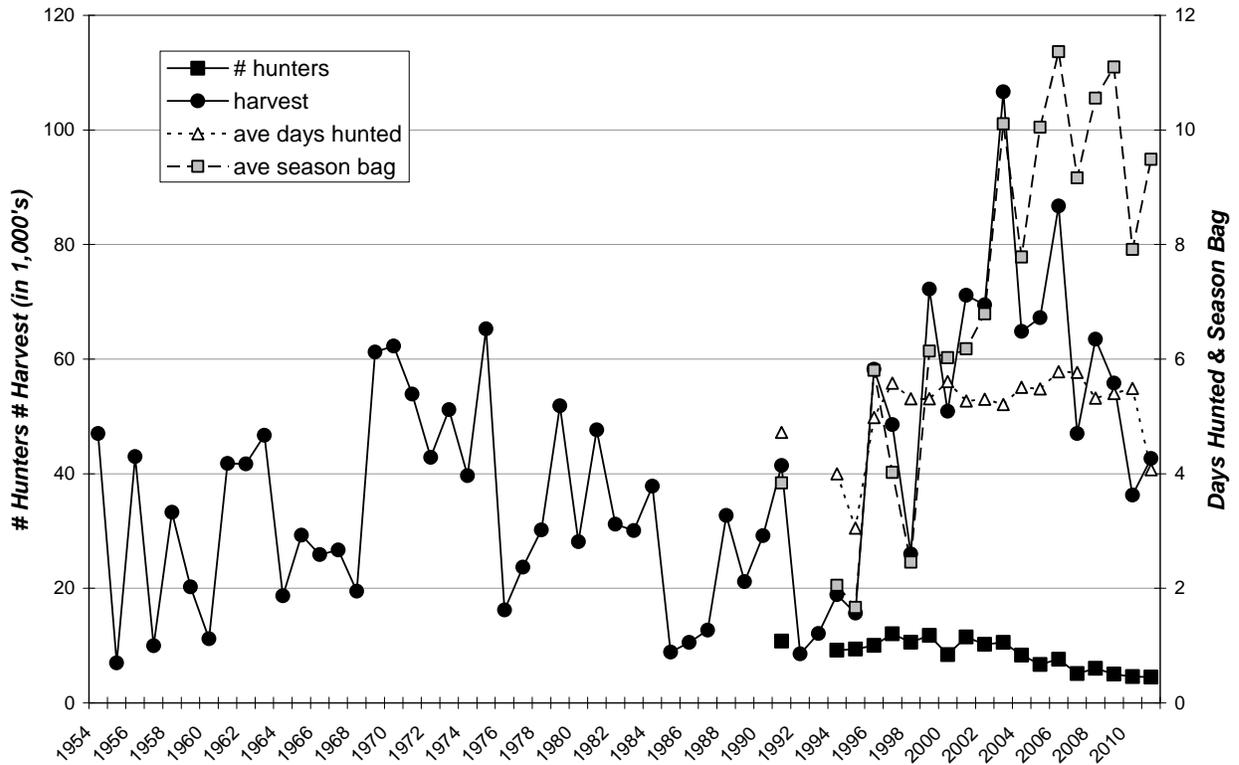
Year	<i>Resident Hunters</i>					<i>Nonresident Hunters</i>				
	<i>Number Hunters</i>	<i>Harvest</i>	<i>Ave Day Hunted</i>	<i>Ave Bag</i>	<i>Satisfaction</i>	<i>Number Hunters</i>	<i>Harvest</i>	<i>Ave Day Hunted</i>	<i>Ave Bag</i>	<i>Satisfaction</i>
2000	7,643	49,680	5.64	6.50	4.52	804	1,198	4.29	1.49	4.51
2001	10,429	68,519	5.43	6.57	4.96	1,090	2,645	3.71	2.42	5.17
2002	9,091	66,819	5.53	7.35	4.75	1,134	2,633	3.44	2.32	4.86
2003	9,360	102,211	5.40	10.92	5.02	1,195	4,464	3.76	3.74	5.29
2004	7,471	64,848	5.68	8.68	4.35	861	1,898	4.00	2.20	4.45
2005	5,984	65,465	5.59	10.94	4.66	709	1,779	4.55	2.51	4.79
2006	6,316	80,213	6.12	12.70	5.00	1,315	6,522	4.12	4.96	5.14
2007	4,377	44,120	6.03	10.08	4.90	754	2,903	4.23	3.85	4.97
2008	5,165	58,055	5.51	11.24	5.24	849	5,422	4.15	6.39	5.23
2009	4,298	52,350	5.57	12.18	4.96	733	3,473	4.40	4.74	5.24
2010	4,031	33,739	5.55	8.37	5.18	551	2,520	5.08	4.57	5.64
2011	3,614	36,419	3.92	10.08	5.37	883	6,238	4.70	7.06	5.55

**REGULAR LIGHT GOOSE HARVEST PROJECTIONS FOR 2011**

Last Revised: 5 June 2012

	Resident	Nonresident
<b>Residents, Regular Season:</b>		
No. Hunters Reporting Light Goose Days	609	-
Total Reported Light Goose Hunted Days	2,387	-
<b>Average Days Hunted Light Geese</b>	<b>3.92</b>	-
Total Reported Light Geese Bagged	6,137	-
<b>Average Light Goose Bag for Season</b>	<b>10.08</b>	-
<b>Projected Days Light Goose Hunting</b>	<b>14,165</b>	-
<b>Projected No. Light Goose Hunters</b>	<b>3,614</b>	-
<b>Projected Light Goose Bag</b>	<b>36,419</b>	-
<b>TOTAL RESIDENT LIGHT GOOSE HARVEST REGULAR SEASON = 36,419</b>		
<b>Nonresident 10-day and Season-long Licenses</b>		
No. Hunters Reporting Light Goose Days	-	251
Total Reported Light Goose Hunted Days	-	1,265
<b>Average Days Hunted Light Geese</b>	-	<b>5.04</b>
Total Reported Light Geese Bagged	-	1,858
<b>Average Light Goose Bag for Season</b>	-	<b>7.40</b>
<b>Projected Days Light Goose Hunting</b>	-	<b>3,738</b>
<b>Projected No. Light Goose Hunters</b>	-	<b>742</b>
<b>Projected Light Goose Bag</b>	-	<b>5,490</b>
<b>Nonresident 3-day Licenses</b>		
No. Hunters Reporting Light Goose Days	-	54
Total Reported Light Goose Hunted Days	-	157
<b>Average Days Hunted Light Geese</b>	-	<b>2.91</b>
Total Reported Light Geese Bagged	-	287
<b>Average Light Goose Bag for Season</b>	-	<b>5.31</b>
<b>Projected Days Light Goose Hunting</b>	-	<b>409</b>
<b>Projected No. Light Goose Hunters</b>	-	<b>141</b>
<b>Projected Light Goose Bag</b>	-	<b>747</b>
<b>TOTAL NONRESIDENT LIGHT GOOSE HARVEST REGULAR SEASON = 6,238</b>		
<b>TOTAL LIGHT GOOSE HARVEST REGULAR SEASON = 42,657</b>		
<b>Light Goose Hunter Mean Satisfaction Score *1*</b>	5.37	5.55
<i>*1* Based on scale of 1-7 with 1=very dissatisfied &amp; 7=very satisfied</i>		

STATEWIDE REGULAR SEASON LIGHT GOOSE HARVEST, 1954-2011



# **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 2011 Light Goose Conservation Order covered 12 February - 1 May statewide. This was the 13<sup>th</sup> year the conservation order was offered. The daily bag was 20 geese with an unlimited possession limit. To hunt light geese, residents were required to hold small game, 1-day small game, adult or junior combination, or youth small game licenses plus a migratory bird certification. Nonresidents were required to obtain a nonresident Spring Light Goose or a nonresident Youth Spring Light Goose license. Hunters were not required to possess a federal waterfowl stamp to participate in the conservation order.

Harvest surveys were sent to both resident and nonresident hunters. In 2011, there were a projected 6,120 license holders who hunted at least one day for light geese during the conservation order dates (2,503 residents, 3,617 nonresidents). From the survey responses, there were a projected total of 111,355 light geese harvested.

The average days hunted by all hunters projected to a total of 42,366 recreation days for the conservation order. The average season bag using electronic callers was 26.9 for residents and 21.3 for nonresidents. The average season bag using the 4<sup>th</sup>, 5<sup>th</sup> or 6<sup>th</sup> shells in unplugged shotguns was 4.30 for residents and 5.20 for nonresidents. The average season bag for after sunset hunting was 5.91 for residents and 5.40 for nonresidents. Approximately 7% of resident hunters and 11% of nonresident hunters reported reaching the daily bag limit at least once.

Beadle, Brown, Kingsbury, Yankton, and Lake counties were identified by the most hunters (46% of all respondents combined) as the areas they hunted most.

## Comparison of the 2000 - 2011 Conservation Order light goose harvests

Year	Resident Hunters			Nonresident Hunters		
	Number Hunters	Harvest	Total Days Hunted	Number Hunters	Harvest	Total Days Hunted
2000	3,908	45,687	24,189	2,159	23,230	7,528
2001	4,172	31,913	18,180	2,063	22,462	7,309
2002	7,270	88,190	41,856	2,084	34,537	8,547
2003	3,546	43,898	22,823	1,739	26,184	8,198
2004	3,727	52,756	20,169	2,301	37,028	8,907
2005	4,136	71,545	26,427	2,617	44,852	11,161
2006	3,764	51,027	21,767	3,150	48,520	13,262
2007	2,480	39,343	13,323	2,808	57,212	9,970
2008	3,330	45,995	18,925	3,271	61,142	12,406
2009	2,895	38,184	15,173	3,621	78,765	15,063
2010	1,762	18,223	7,883	2,884	34,325	10,486
2011	2,503	33,569	15,600	3,617	77,786	26,766

## **SPRING LIGHT GOOSE HARVEST FOR 2011**

Last Revised: 28 June 2011

	Resident	Nonresident
CONSERVATION ORDER LIGHT GOOSE Licenses Sold *3*	10,382	3,773
<b>Projected ACTIVE CONS ORDER LIGHT GOOSE HUNTERS</b>	<b>2,503</b>	<b>3,617</b>
Number Sampled for Survey	6,882	1,917
Number Responded to Survey	2,352	985
Responded and Participated in Season	<b>630</b>	<b>941</b>
Responded but DID NOT HUNT	1,722	44
<b>Survey Response Rate</b>	<b>34.2%</b>	<b>51.4%</b>
<b>TOTAL LIGHT GOOSE HARVEST CONSERVATION ORDER = 111,355</b>		
<b>Late Season (Conservation Order) 2/12 - 3/10 Period:</b>		
Average Days Hunted Light Geese	3.18	3.88
Average Light Goose Bag for Season	5.34	17.00
Projected Days Light Goose Hunting	7,960	14,034
Projected No. Light Goose Hunters	878	380
Projected Light Goose Bag	4,689	6,460
<b>TOTAL LIGHT GEESE HARVESTED 2/12 - 3/10 = 11,149</b>		
<b>Late Season (Conservation Order) 3/11 - 5/1 Period:</b>		
Average Days Hunted Light Geese	3.91	3.82
Average Light Goose Bag for Season	14.78	21.40
Projected Days Light Goose Hunting	7,640	12,732
Projected No. Light Goose Hunters	1,954	3,333
Projected Light Goose Bag	28,880	71,326
<b>TOTAL LIGHT GEESE HARVESTED 3/11 - 5/1 = 100,206</b>		
Projected Number of Hunters Using Electronic Callers	810	2,998
Average Season Bag Using Electronic Callers	26.94	21.34
Projected Harvest Using Electronic Callers	21,821	63,977
Projected Number of Hunters Using Unplugged Shotguns	1,259	2,775
Average Season Bag w/ 4th, 5th or 6th shell	4.30	5.20
Projected Harvest w/ 4th, 5th or 6th shell	5,414	14,430
Projected Number of Hunters Hunting After Sunset	425	738
Average Season Bag After Sunset	5.91	5.40
Projected Harvest After Sunset	2,512	3,985
<b>Projected Geese Shot but Not Retrieved</b>	<b>2,733</b>	<b>5,020</b>

\*3\* Numbers of resident licenses sold are based on the number of migratory bird certificates in the 2011 database purchased prior to April

South Dakota Game Report No 2012-02 - 2011 Small Game, Upland Bird & Migratory Bird Harvest Projections  
 Corey Huxoll

COUNTY	HUNTER DISTRIBUTION				HARVEST DISTRIBUTION				Birds/Hunter **
	# Reported	# Projected	% of Total	# Proj w/ Unk *	# Reported	# Projected	% of Total	# Proj w/ Unk *	
Minnehaha	47	183	3.1	190	603	2,340	2.2	2,404	12.8
Pennington	0	0	0.0	0	0	0	0.0	0	0
Brown	137	534	9.0	553	2,815	10,925	10.1	11,225	20.5
Beadle	141	549	9.3	569	3,068	11,907	11.0	12,234	21.7
Codington	24	93	1.6	96	479	1,859	1.7	1,910	20.0
Brookings	60	234	4.0	242	724	2,810	2.6	2,887	12.0
Yankton	127	495	8.4	513	2,213	8,589	7.9	8,825	17.4
Davison	62	242	4.1	251	1,933	7,502	6.9	7,708	31.0
Lawrence	0	0	0.0	0	0	0	0.0	0	0
Aurora	7	27	0.5	28	55	213	0.2	219	7.9
Bennett	0	0	0.0	0	0	0	0.0	0	0
Bon Homme	21	82	1.4	85	426	1,653	1.5	1,698	20.2
Brule	7	27	0.5	28	38	147	0.1	151	5.4
Buffalo	3	12	0.2	12	26	101	0.1	104	8.4
Butte	0	0	0.0	0	0	0	0.0	0	0
Campbell	2	8	0.1	8	10	39	0.0	40	4.9
Charles Mix	10	39	0.7	40	72	279	0.3	287	7.2
Clark	112	436	7.4	452	1,881	7,300	6.7	7,501	16.7
Clay	18	70	1.2	73	132	512	0.5	526	7.3
Corson	1	4	0.1	4	5	19	0.0	20	4.8
Custer	0	0	0.0	0	0	0	0.0	0	0
Day	24	93	1.6	96	251	974	0.9	1,001	10.5
Deuel	2	8	0.1	8	3	12	0.0	12	1.5
Dewey	0	0	0.0	0	0	0	0.0	0	0
Douglas	2	8	0.1	8	22	85	0.1	87	10.6
Edmunds	31	121	2.0	125	570	2,212	2.0	2,273	18.3
Fall River	0	0	0.0	0	0	0	0.0	0	0
Faulk	47	183	3.1	190	1,267	4,917	4.5	5,052	26.9
Grant	2	8	0.1	8	5	19	0.0	20	2.4
Gregory	1	4	0.1	4	11	43	0.0	44	10.8
Haakon	0	0	0.0	0	0	0	0.0	0	0
Hamlin	19	74	1.3	77	432	1,677	1.5	1,723	22.7
Hand	5	19	0.3	20	47	182	0.2	187	9.6
Hanson	13	51	0.9	53	426	1,653	1.5	1,698	32.4
Harding	0	0	0.0	0	0	0	0.0	0	0
Hughes	18	70	1.2	73	172	668	0.6	686	9.5
Hutchinson	33	129	2.2	134	272	1,056	1.0	1,085	8.2
Hyde	3	12	0.2	12	26	101	0.1	104	8.4
Jackson	0	0	0.0	0	0	0	0.0	0	0
Jerauld	5	19	0.3	20	116	450	0.4	462	23.7
Jones	0	0	0.0	0	0	0	0.0	0	0
Kingsbury	149	580	9.8	601	2,542	9,866	9.1	10,137	17.0
Lake	107	417	7.1	432	2,152	8,352	7.7	8,581	20.0
Lincoln	15	58	1.0	60	79	307	0.3	315	5.3
Lyman	2	8	0.1	8	18	70	0.1	72	8.8
McCook	45	175	3.0	181	748	2,903	2.7	2,983	16.6
McPherson	4	16	0.3	17	31	120	0.1	123	7.5
Marshall	8	31	0.5	32	104	404	0.4	415	13.0
Meade	0	0	0.0	0	0	0	0.0	0	0
Mellette	0	0	0.0	0	0	0	0.0	0	0
Miner	37	144	2.4	149	1,437	5,577	5.1	5,730	38.7
Moody	14	55	0.9	57	377	1,463	1.3	1,503	26.6
Perkins	0	0	0.0	0	0	0	0.0	0	0
Potter	5	19	0.3	20	103	400	0.4	411	21.1
Roberts	3	12	0.2	12	1	4	0.0	4	0.3
Sanborn	7	27	0.5	28	235	912	0.8	937	33.8
Spink	78	304	5.1	315	1,616	6,272	5.8	6,444	20.6
Stanley	1	4	0.1	4	2	8	0.0	8	2.0
Sully	12	47	0.8	49	73	283	0.3	291	6.0
Tripp	0	0	0.0	0	0	0	0.0	0	0
Turner	22	86	1.5	89	176	683	0.6	702	7.9
Union	16	62	1.0	64	77	299	0.3	307	4.8
Walworth	7	27	0.5	28	54	210	0.2	216	7.8
Ziebach	0	0	0.0	0	0	0	0.0	0	0
Shannon	0	0	0.0	0	0	0	0.0	0	0
Todd	0	0	0.0	0	0	0	0.0	0	0
Unk/Unreported	55	214	-	-	767	2,977	-	-	13.9
<b>TOTALS:</b>	<b>1,571</b>	<b>6,120</b>	<b>100%</b>	<b>6,118</b>	<b>28,692</b>	<b>111,355</b>	<b>100%</b>	<b>111,352</b>	<b>18.20</b>

Last Revised: 28 June 2011

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

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

## **WHITE-FRONTED GEESE**

The 2011 white-fronted goose season was open from 24 September - 18 December statewide. The daily bag limit was one goose and the season possession limit was two. To hunt white-fronted geese, residents were required to hold small game, 1-day small game, adult or junior combination, or youth small game licenses plus a migratory bird certification. Nonresidents were required to obtain a nonresident waterfowl license. All hunters age 16 and over were also required to obtain a federal waterfowl stamp.

Harvest surveys were sent to both resident and nonresident hunters. In 2011, there were a projected 1,261 hunters who hunted at least one day for white-fronted geese (973 residents, 288 nonresidents). From the survey responses, there were a projected 1,011 white-fronted geese harvested (896 by residents and 115 by nonresidents).

### Comparison of the 2000 - 2011 white-fronted goose harvests

Year	Resident Hunters				Nonresident Hunters			
	Number Hunters	Harvest	Ave Days Hunted	Ave Bag, Season	Number Hunters	Harvest	Ave Days Hunted	Ave Bag, Season
2000	522	2,004	n/a	3.84	86	148	n/a	1.72
2001	2,156	1,833	7.13	0.85	564	243	4.33	0.43
2002	2,173	2,912	7.30	1.34	568	204	6.93	0.36
2003	2,580	2,890	5.77	1.12	624	349	4.27	0.56
2004	2,342	3,162	6.10	1.35	527	237	4.18	0.45
2005	1,216	1,167	6.45	0.96	401	92	5.23	0.23
2006	1,152	979	7.59	0.85	582	221	4.84	0.38
2007	971	757	8.00	0.78	357	96	4.82	0.27
2008	903	1,571	6.61	1.74	343	196	4.85	0.57
2009	902	1,443	5.98	1.60	240	91	5.75	0.38
2010	985	847	6.78	0.86	261	44	5.86	0.17
2011	973	896	4.24	0.92	288	115	5.28	0.40

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.

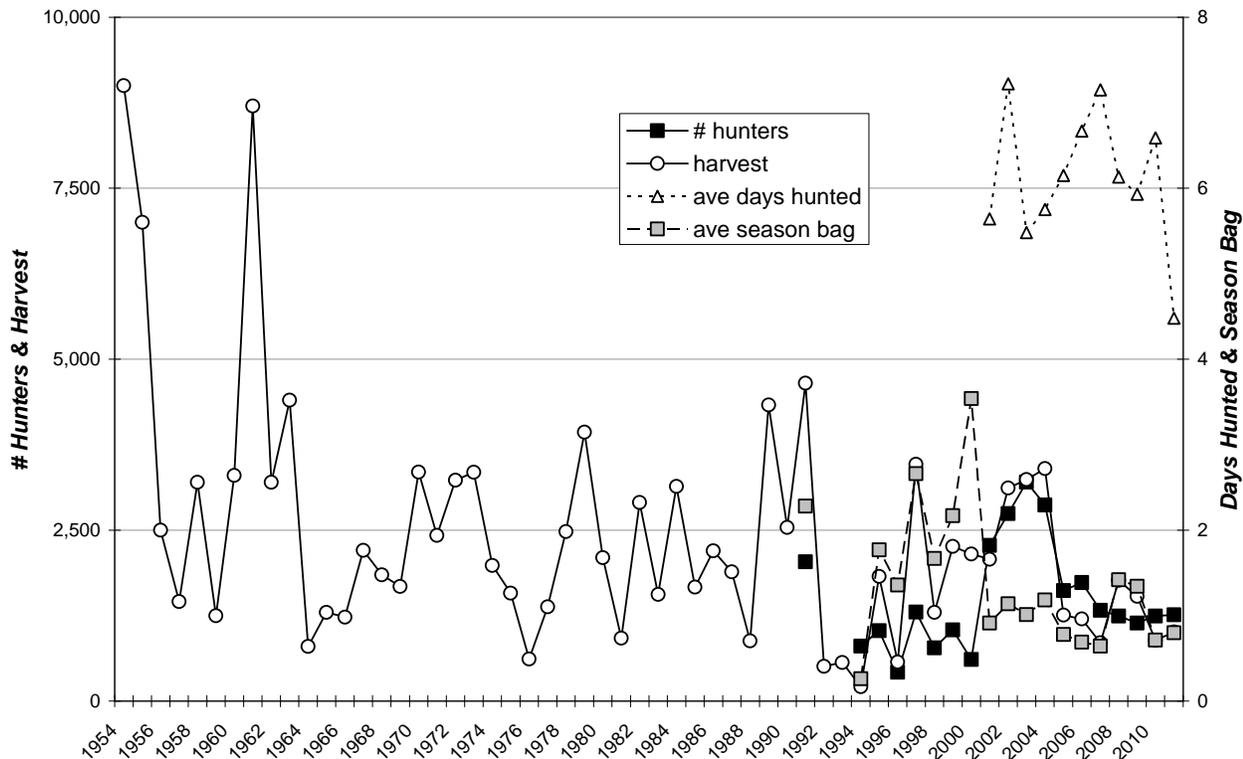
### **WHITE-FRONTED GOOSE HARVEST PROJECTIONS FOR 2011**

Last Revised: 5 June 2012

	Resident	Nonresident
No. Hunters Reporting White-fronted Goose Days	164	148
Total Reported White-fronted Goose Hunted Days	696	782
<b>Average Days Hunted White-fronted Geese</b>	<b>4.24</b>	<b>5.28</b>
Total Reported White-fronted Geese Bagged	151	59
<b>Average White-fronted Goose Bag for Season</b>	<b>0.92</b>	<b>0.40</b>
<b>Projected Days White-fronted Hunting</b>	<b>4,130</b>	<b>1,520</b>
<b>Projected No. White-fronted Goose Hunters</b>	<b>973</b>	<b>288</b>
<b>Projected White-fronted Goose Bag</b>	<b>896</b>	<b>115</b>
<b>TOTAL WHITE-FRONTED GOOSE HARVEST = 1,011</b>		
<b>White-fronted Goose Hunter Mean Satisfaction Score *1*</b>	5.52	5.32

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

**STATEWIDE WHITE-FRONTED GOOSE HARVEST, 1954-2011**



## 2011 Harvest Survey Response Rates

Survey Title	Overall Response*	Proportion	
		Internet	Mail-return
August Canada Goose	33.8%	100.0%	0.0%
Cottontail and Squirrel	41.2%	100.0%	0.0%
Migratory Bird	52.2%	69.2%	30.8%
Nonresident Early Fall Canada Goose	61.9%	100.0%	0.0%
Nonresident Small Game	50.2%	100.0%	0.0%
Nonresident Waterfowl	81.1%	64.3%	35.7%
Resident Small Game	41.2%	100.0%	0.0%
Special Canada Goose	51.1%	99.0%	1.0%
Spring Light Goose	51.4%	100.0%	0.0%
Tundra Swan	47.4%	98.9%	1.1%

\*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.