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# **South Dakota GAME REPORT**

**No. 2008 – 03**

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***2007***

**Annual Report**

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

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## PREFACE

Harvest estimates reported herein for the 2007 small game, upland bird, and migratory bird seasons were developed as described in Wildlife Survey Manual, 2003-2009, South Dakota Department of Game, Fish and Parks. If species specific methodologies are not reported there, the methodologies are presented within this report.

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

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# Statewide Combined Harvest

2007 Statewide Small Game, Upland Bird, & Migratory Game Bird Harvest Projection Summary												Last revised: 9/16/08						
Harvest Statistic	Upland Game				Upland Birds				Waterfowl				Other Migratory Game Birds				Grand Totals	
	Cottontail	Squirrel	Pheasant	Gray Partridge	Grouse	Bobwhite Quail	Tundra Swan	Ducks	Canada Geese (all seasons)	Canada Geese (Sept. season)	Canada Geese (special season)	Light Geese (regular season)	Light Geese (conserv. order)	White-fronted Geese	Mourning Dove	Sandhill Crane *		American Coot *
<b>Licenses/Tags</b>																		
<b>Resident</b>																		
Licenses Available	unlim.	unlim.	unlim.	unlim.	unlim.	unlim.	unlim.	unlim.	unlim.	unlim.	unlim.	unlim.	unlim.	unlim.	unlim.	unlim.	unlim.	unlim.
Proj. Active/Sold/Issued	8,732	2,644	77,788	3,767	6,164	780	14,519	14,026	5,626	800	4,377	2,480	971	7,722	unlim.	unlim.	unlim.	unlim.
<b>Nonresident</b>																		
Licenses Available	unlim.	unlim.	unlim.	unlim.	unlim.	unlim.	unlim.	unlim.	unlim.	n/a	unlim.	unlim.	unlim.	unlim.	unlim.	unlim.	unlim.	unlim.
Proj. Active/Sold/Issued	1,676	200	103,048	3,160	4,663	449	3,853	2,349	250	n/a	754	2,808	357	439	unlim.	unlim.	unlim.	unlim.
<b>Totals</b>																		
Licenses Available	unlim.	unlim.	unlim.	unlim.	unlim.	unlim.	unlim.	unlim.	unlim.	800	unlim.	unlim.	unlim.	unlim.	unlim.	unlim.	unlim.	unlim.
Proj. Active/Sold/Issued	10,408	2,844	180,836	6,927	10,827	1,229	18,372	16,375	5,876	800	5,131	5,288	1,328	8,161	unlim.	unlim.	unlim.	unlim.
<b>Hunting Recreation</b>																		
<b>Residents</b>																		
Average Days Hunted	6.16	5.53	7.88	8.01	4.37	1.12	7.12	7.24	N/A	1.16	6.03	4.29	8.00	4.19	unavail.	unavail.	unavail.	unavail.
Total Days Hunted	53,789	14,821	612,969	30,174	26,937	874	103,375	101,548	N/A	928	26,393	13,323	7,788	32,355	unavail.	unavail.	unavail.	unavail.
Average Season Bag	10.00	5.07	12.46	2.06	3.76	0.61	13.01	6.74	4.47	1.27	10.08	12.67	0.78	16.21	unavail.	unavail.	unavail.	unavail.
Mean Satisfaction Score	2.92	3.07	5.39	5.39	5.39	5.39	4.95	4.81	4.99	5.68	4.90	-	5.10	4.98	unavail.	unavail.	unavail.	unavail.
<b>Nonresidents</b>																		
Average Days Hunted	3.95	2.60	4.61	4.66	3.70	4.91	4.19	3.82	3.90	-	4.16	3.40	4.82	3.86	unavail.	unavail.	unavail.	unavail.
Total Days Hunted	6,637	520	475,051	14,726	17,253	2,205	16,518	8,973	975	-	3,192	9,970	1,721	1,695	unavail.	unavail.	unavail.	unavail.
Average Season Bag	6.82	1.20	11.19	2.08	2.33	1.09	10.04	2.66	6.20	-	3.81	19.51	0.27	24.36	unavail.	unavail.	unavail.	unavail.
Mean Satisfaction Score	5.92	5.92	6.00	6.00	6.00	6.00	5.21	5.21	5.67	-	4.97	-	5.05	5.79	unavail.	unavail.	unavail.	unavail.
<b>Total Days Hunted</b>	60,426	15,141	1,088,020	44,900	44,190	3,079	119,893	110,521	N/A	928	29,585	23,293	9,489	34,050	unavail.	unavail.	unavail.	unavail.
<b>Harvest</b>																		
Residents	87,320	13,405	969,236	7,760	23,177	476	188,892	94,535	25,148	1,016	44,120	39,343	757	125,174	unavail.	unavail.	unavail.	unavail.
Nonresidents	11,430	240	1,153,107	6,573	10,865	489	39,594	6,248	1,550	-	2,903	57,212	96	10,694	unavail.	unavail.	unavail.	unavail.
<b>Total</b>	98,750	13,645	2,122,345	14,333	34,042	965	228,486	100,783	26,698	1,016	47,023	96,555	853	135,868	unavail.	unavail.	unavail.	unavail.

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

## **COTTONTAIL & SQUIRREL**

The 2007 cottontail rabbit and squirrel seasons covered 1 September 2007 - 28 February 2008. Harvest surveys were sent to both resident and nonresident hunters for the period of 1 September - 31 December. A "late season" harvest survey was sent only to residents who responded to the first survey and indicated that they may hunt during the 1 January - 28 February period.

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

In 2007, there were 96,070 residents and 107,375 nonresidents licenses issued to hunt upland game. Approximately 8% of resident and nonresident hunters were surveyed for the upland game seasons. Survey response rates were 68% for residents and 71% for nonresidents.

Based on survey responses indicating at least one day of hunting cottontail, there were a projected 8,732 resident and 1,676 nonresident cottontail hunters. Based on survey responses indicating at least one day of hunting squirrels, there were a projected 2,644 resident and 200 nonresident hunters. An estimated 98,750 cottontails and 13,645 squirrels were harvested during the 2007 upland game seasons.

When asked their satisfaction on the season, (1 being least satisfied, 7 being most satisfied), resident hunters reported an average satisfaction level of 5.58, while nonresidents reported a higher rating of 5.92.

### Comparison of the 1997 - 2007 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>
1997	11,842	350	86,225	490	7,427	140	46,094	70
1998	8,677	609	96,314	1,891	4,941	39	50,866	39
1999	17,460 *	731	96,881	1,265	10,834 *	98	57,190	1,470
2000	26,255 *	1,461	266,335	6,764	12,176 *	143	50,863	486
2001	11,518 *	593	74,674	2,900	5,608 *	132	19,949	1,023
2002	11,904 *	1,006	60,146	2,917	7,300 *	268	29,846	603
2003	15,526 *	1,016	146,070	2,103	7,857 *	188	46,308	978
2004	14,794*	1,244	164,480	3,545	7,373*	188	42,748	451
2005	11,414	2,193	130,348	10,022	3,821	86	15,093	0
2006	9,617	2,236	105,787	10,040	3,503	115	19,792	210
2007	8,732	1,676	87,320	11,430	2,644	200	13,405	240

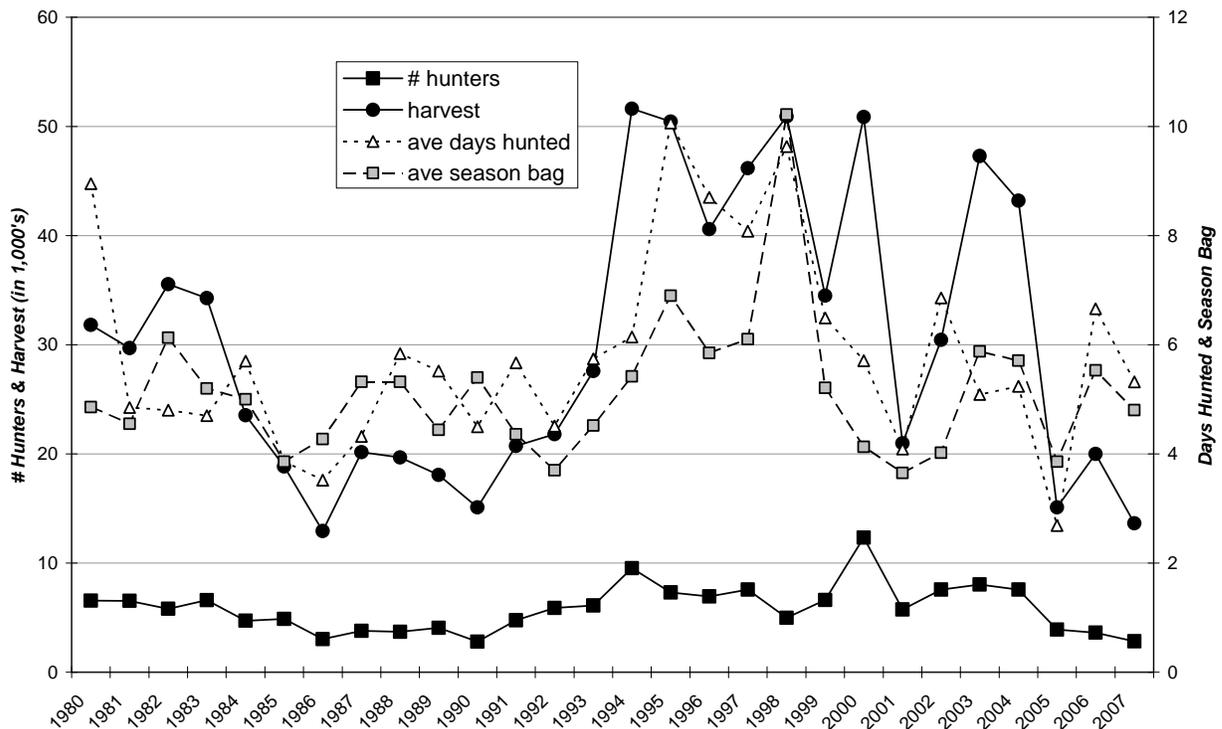
Resident hunter totals include projected hunter totals from the late and "regular" season harvest surveys. Survey format changed in 2005 and may not be directly comparable to previous years.

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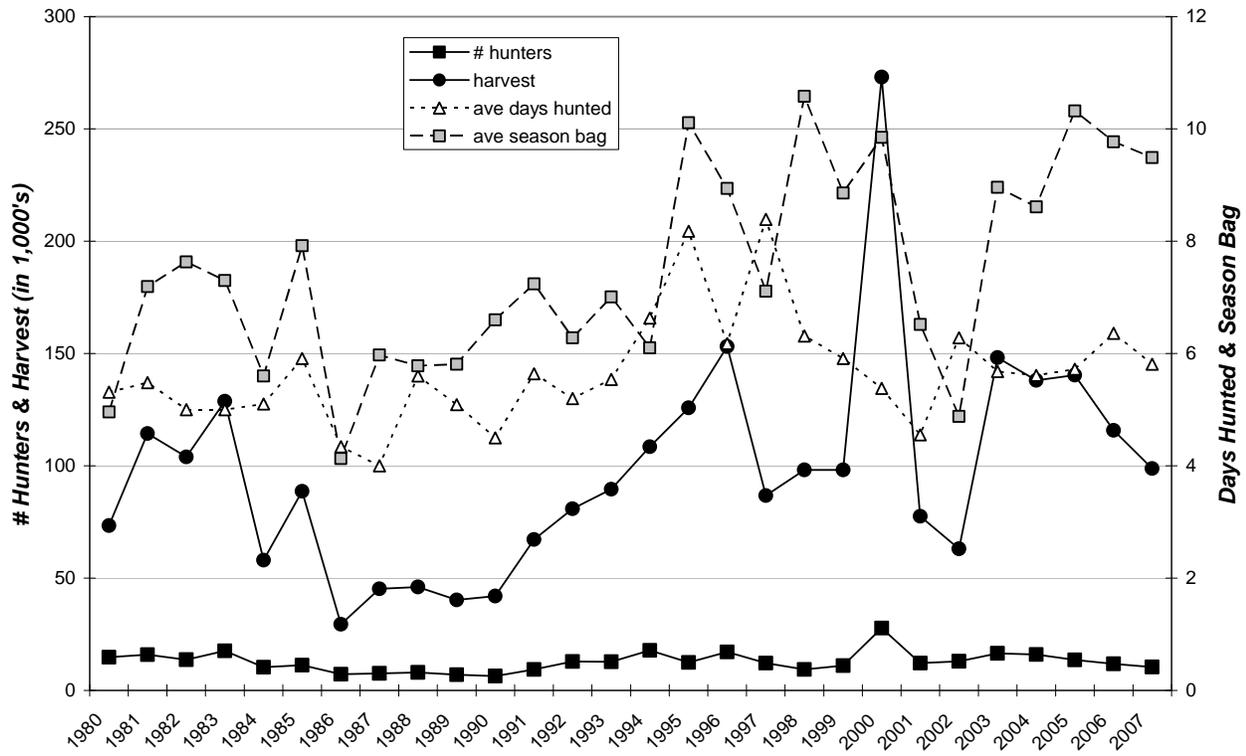
<b>UPLAND GAME HARVEST PROJECTIONS FOR 2007</b>								
<i>Last Revised: 9 May 2008</i>	<b>RESIDENT TOTALS BY LICENSE TYPE</b>					<b>NONRESIDENT TOTALS</b>		
	Small Game	Combination	Junior Combo	Youth SmGm	Sum Estimates	Non Res Sm Game	Youth Sm Gm	Sum Estimates
<b>Licenses Sold</b>	37,446	42,867	7,873	7,884	<b>96,070</b>	103,863	3,512	<b>107,375</b>
<b>Projected ACTIVE UPLAND GAME HUNTERS</b>	<b>2,132</b>	<b>4,440</b>	<b>1,079</b>	<b>1,257</b>	<b>8,908</b>	<b>1,648</b>	<b>95</b>	<b>1,743</b>
Number Sampled by Survey	2,828	3,320	598	646	<b>7,392</b>	7,385	238	<b>7,623</b>
Number Responded to Survey	1,809	2,481	321	439	<b>5,050</b>	5,235	146	<b>5,381</b>
Responded and Participated in Season	103	257	44	70	<b>474</b>	85	4	<b>89</b>
Responded but DID NOT HUNT upland game	<b>1,706</b>	<b>2,224</b>	<b>277</b>	<b>369</b>	<b>4,576</b>	<b>5,150</b>	<b>142</b>	<b>5,292</b>
<b>Survey Response Rate</b>	<b>64.0%</b>	<b>74.7%</b>	<b>53.7%</b>	<b>68.0%</b>	<b>68.3%</b>	<b>70.9%</b>	<b>61.3%</b>	<b>70.6%</b>
Number Hunters Reporting Cottontail Days	98	250	43	68	<b>459</b>	81	3	<b>84</b>
Sum Cottontail Hunted Days	639	1,498	355	337	<b>2,829</b>	313	20	<b>333</b>
<b>Average Days Hunted Cottontails</b>	<b>6.52</b>	<b>5.99</b>	<b>8.26</b>	<b>4.96</b>	<b>6.16</b>	<b>3.86</b>	<b>6.67</b>	<b>3.96</b>
Sum Cottontails Bagged	867	2,775	468	478	<b>4,588</b>	559	14	<b>573</b>
<b>Average Cottontail Bag for Season</b>	<b>8.85</b>	<b>11.10</b>	<b>10.88</b>	<b>7.03</b>	<b>10.00</b>	<b>6.90</b>	<b>4.67</b>	<b>6.82</b>
<b>Projected Days Cottontail Hunting</b>	<b>13,229</b>	<b>25,877</b>	<b>8,714</b>	<b>6,056</b>	<b>53,789</b>	<b>6,064</b>	<b>474</b>	<b>6,637</b>
<b>Projected Number Cottontail Hunters</b>	<b>2,029</b>	<b>4,320</b>	<b>1,055</b>	<b>1,221</b>	<b>8,732</b>	<b>1,571</b>	<b>71</b>	<b>1,676</b>
<b>Projected Cottontail Bag</b>	<b>17,957</b>	<b>47,952</b>	<b>11,478</b>	<b>8,584</b>	<b>87,320</b>	<b>10,840</b>	<b>332</b>	<b>11,430</b>
<b>TOTAL COTTONTAIL HARVEST =</b>						<b>98,750</b>		
Number Hunters Reporting Squirrel Days	33	72	18	16	<b>139</b>	9	1	<b>10</b>
Sum Squirrel Hunted Days	147	468	93	61	<b>769</b>	25	1	<b>26</b>
<b>Average Days Hunted Squirrels</b>	<b>4.45</b>	<b>6.50</b>	<b>5.17</b>	<b>3.81</b>	<b>5.53</b>	<b>2.78</b>	<b>1.00</b>	<b>2.60</b>
Sum Squirrels Bagged	120	409	97	79	<b>705</b>	10	2	<b>12</b>
<b>Average Squirrel Bag for Season</b>	<b>3.64</b>	<b>5.68</b>	<b>5.39</b>	<b>4.94</b>	<b>5.07</b>	<b>1.11</b>	<b>2.00</b>	<b>1.20</b>
<b>Projected Days Squirrel Hunting</b>	<b>3,039</b>	<b>8,086</b>	<b>2,280</b>	<b>1,093</b>	<b>14,621</b>	<b>487</b>	<b>24</b>	<b>520</b>
<b>Projected Number Squirrel Hunters</b>	<b>683</b>	<b>1,244</b>	<b>441</b>	<b>287</b>	<b>2,644</b>	<b>175</b>	<b>24</b>	<b>200</b>
<b>Projected Squirrels Bag</b>	<b>2,486</b>	<b>7,066</b>	<b>2,377</b>	<b>1,418</b>	<b>13,405</b>	<b>194</b>	<b>48</b>	<b>240</b>
<b>TOTAL SQUIRREL HARVEST =</b>						<b>13,645</b>		
<b>Mean Satisfaction Score *</b>	5.76	5.56	5.34	5.54	5.58	5.91	6	5.92

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

**SOUTH DAKOTA SQUIRREL HARVEST, 1980-2007**



**SOUTH DAKOTA COTTONTAIL HARVEST, 1980-2007**



# PHEASANT

The 2007 pheasant season covered 20 October 2007 – 6 January 2008 statewide. There was also a Youth season open 6-8 October on public and private land and an early residents-only season open 13-15 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 2007, there were 96,070 resident and 107,375 nonresident licenses issued that allowed holders to hunt pheasants. Approximately 8% of residents and nonresidents were surveyed for the upland bird seasons. Survey response rates were 68.3% for residents and 70.6% for nonresidents.

Based on survey responses indicating at least one day of hunting pheasants, there were a projected 77,788 resident (31,650 small game, 33,485 combination, 5,592 youth small game, 7,076 junior combination) and 103,048 nonresident (99,672 small game, 3,370 youth small game) pheasant hunters.

From the survey responses, a projected total of 2,122,345 pheasants were harvested (969,238 by residents, 1,153,107 by nonresidents) during the 2007 seasons. When asked their satisfaction on the season, (1 being least satisfied, 7 being most satisfied), resident upland bird hunters reported an average satisfaction rating of 5.39 while nonresidents reported a higher satisfaction rating of 6.00.

Approximately 20,755 residents participated in the early, resident-only season. The projected harvest for this season was 46,491 birds.

The Youth-only season (6-8 October) overall participation rate was approximately 7.5% (6.1% Combination license, 3.9% Small Game, 3.7% Junior Combination, 32.8% Youth Small Game); nonresidents were not surveyed on their participation in this season.

## Comparison of the 1997 - 2007 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
1997	70,573	525,504	6.37	7.56	N/A	42,808	395,213	4.23	9.25	N/A
1998	74,727	603,355	6.90	8.27	4.33	60,364	581,767	4.44	9.66	5.22
1999	84,342	768,356	7.12	9.11	4.60	71,956	695,815	4.57	9.67	5.33
2000	79,790	759,601	6.82	9.52	4.71	70,182	688,133	4.31	9.52	5.20
2001	76,772	672,523	6.80	8.76	4.40	73,326	688,531	4.26	9.39	5.17
2002	70,822	587,823	6.84	8.30	4.28	74,874	673,866	4.18	9.00	5.01
2003	78,396	912,529	7.21	11.64	5.08	83,538	902,210	4.21	10.80	5.72
2004	78,984	744,819	7.35	9.43	4.62	91,948	908,446	3.83	9.88	5.25
2005	79,270	947,277	7.94	11.95	5.19	94,956	1,001,786	4.43	10.55	5.83
2006	79,955	881,904	7.63	11.03	4.99	98,213	964,452	4.29	9.82	5.71
2007	77,788	969,238	7.88	12.46	5.39	103,048	1,153,107	4.61	11.19	6.00

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 Corey Huxoll

<b><i>PHEASANT HARVEST PROJECTIONS FOR 2007</i></b>									
<i>Revised: 28 March 08</i>									
	<b>RESIDENT TOTALS BY LICENSE TYPE</b>					<b>NONRESIDENT TOTALS</b>			
	Small Game	Combo	Junior Combo	Youth SmGm	Sum Estimates	Nonres Sm Game	Youth Sm Game	Sm	Sum Estimates
<b>Licenses Sold</b>	37,446	42,867	7,873	7,884	<b>96,070</b>	103,863	3,512		<b>107,375</b>
<b>Projected ACTIVE UPLAND BIRD HUNTERS</b>	<b>31,816</b>	<b>33,692</b>	<b>5,617</b>	<b>7,112</b>	<b>78,226</b>	<b>99,885</b>	<b>3,370</b>		<b>103,255</b>
Number Sampled by Survey	2,828	3,320	598	646	<b>7,392</b>	7,385	238		<b>7,623</b>
Number Responded to Survey	1,809	2,481	321	439	<b>5,050</b>	5,235	146		<b>5,381</b>
Responded and Participated in Season	<b>1,537</b>	<b>1,950</b>	<b>229</b>	<b>396</b>	<b>4,112</b>	<b>5,151</b>	<b>142</b>		<b>5,293</b>
Responded but DID NOT HUNT	272	531	92	43	<b>938</b>	84	4		<b>88</b>
<b>Survey Response Rate</b>	<b>64.0%</b>	<b>74.7%</b>	<b>53.7%</b>	<b>68.0%</b>	<b>68.3%</b>	<b>70.9%</b>	<b>61.3%</b>		<b>70.6%</b>
No. Hunters Reporting Pheasant Days	1,529	1,938	228	394	<b>4,089</b>	5,140	142		<b>5,282</b>
Sum Pheasant Hunted Days	10,414	16,690	1,983	3,131	<b>32,218</b>	23,769	555		<b>24,324</b>
<b>Average Days Hunted Pheasants</b>	<b>6.81</b>	<b>8.61</b>	<b>8.70</b>	<b>7.95</b>	<b>7.88</b>	<b>4.62</b>	<b>3.91</b>		<b>4.61</b>
Sum Pheasants Bagged	16,207	28,907	2,800	3,031	<b>50,945</b>	58,072	1,057		<b>59,129</b>
<b>Average Pheasant Bag for Season</b>	<b>10.60</b>	<b>14.92</b>	<b>12.28</b>	<b>7.69</b>	<b>12.46</b>	<b>11.30</b>	<b>7.44</b>		<b>11.19</b>
<b>Projected Days Pheasant Hunting</b>	<b>215,537</b>	<b>288,306</b>	<b>48,650</b>	<b>56,254</b>	<b>612,969</b>	<b>460,485</b>	<b>13,177</b>		<b>475,051</b>
<b>Projected No. Pheasant Hunters</b>	<b>31,650</b>	<b>33,485</b>	<b>5,592</b>	<b>7,076</b>	<b>77,788</b>	<b>99,672</b>	<b>3,370</b>		<b>103,048</b>
<b>Projected Pheasant Bag</b>	<b>335,490</b>	<b>499,596</b>	<b>68,670</b>	<b>54,414</b>	<b>969,238</b>	<b>1,126,294</b>	<b>25,073</b>		<b>1,153,107</b>
<b>TOTAL PHEASANT HARVEST =</b>						<b>2,122,345</b>			
<b>RESIDENT-ONLY OPENING WEEKEND:</b>									
No. Hunters Reporting Pheasant Days	314	549	75	153	<b>1,091</b>	-	-		-
Sum Pheasant Hunted Days	470	828	112	225	<b>1,635</b>	-	-		-
<b>Average Days Hunted Pheasants</b>	<b>1.50</b>	<b>1.51</b>	<b>1.49</b>	<b>1.47</b>	<b>1.50</b>	-	-		-
Sum Pheasants Bagged	676	1,383	181	199	<b>2,439</b>	-	-		-
<b>Average Pheasant Bag for Weekend</b>	<b>2.15</b>	<b>2.52</b>	<b>2.41</b>	<b>1.30</b>	<b>2.24</b>	-	-		-
<b>Projected Days Pheasant Hunting</b>	<b>9,750</b>	<b>14,324</b>	<b>2,740</b>	<b>4,040</b>	<b>31,133</b>	-	-		-
<b>Projected No. Pheasant Hunters</b>	<b>6,500</b>	<b>9,486</b>	<b>1,839</b>	<b>2,748</b>	<b>20,755</b>	-	-		-
<b>Projected Pheasant Bag</b>	<b>13,975</b>	<b>23,905</b>	<b>4,432</b>	<b>3,572</b>	<b>46,491</b>	-	-		-
<b>RESIDENT-ONLY WEEKEND PHEASANT HARVEST =</b>						<b>46,491</b>			
<b>Upland Bird Hunters Mean Satisfaction Score *</b>	5.35	5.46	5.18	5.34	5.39	6.00	5.96		6.00
<i>* Based on scale of 1-7 with 1="very dissatisfied" and 7="very satisfied"</i>									

<b>RESIDENT-ONLY WEEKEND 2007 PHEASANT SEASON PARTICIPATION AND BAG</b>				
<i>Last Revised: 25 April 08</i>				
	# Days Hunted	# Responded	% of Total	Ave. Bag
<b>Residents</b>	0	3,959	78.4%	
	1	648	12.8%	1.33
	2	342	6.8%	3.14
	3	101	2.0%	5.02

<b>2007 YOUTH-ONLY PHEASANT SEASON PARTICIPATION</b>			
<i>Last Revised: 25 April 08</i>			
License Type	Number Participated	Did Not Participate	Percent Participated
Small Game	71	1,738	3.9%
Combination	152	2,329	6.1%
Youth Small Game	144	295	32.8%
Junior Combination	12	309	3.7%
<b>Total</b>	<b>379</b>	<b>4,671</b>	<b>7.5%</b>

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<b>Resident Pheasant Harvest Distribution by County 2007</b>									
<b>COUNTY</b>	<b>HUNTER DISTRIBUTION</b>				<b>HARVEST DISTRIBUTION</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>	<b>Birds/Hunter **</b>
Minnehaha	147	2,796	3.8	2,948	1,286	24,466	2.6	25,340	8.8
Pennington	13	247	0.3	260	56	1,065	0.1	1,103	4.3
Brown	252	4,794	6.5	5,055	3,723	70,831	7.6	73,361	14.8
Beadle	173	3,291	4.5	3,470	2,518	47,905	5.1	49,616	14.6
Codington	133	2,530	3.4	2,668	1,687	32,095	3.4	33,241	12.7
Brookings	187	3,557	4.8	3,751	2,359	44,880	4.8	46,483	12.6
Yankton	58	1,103	1.5	1,163	538	10,236	1.1	10,602	9.3
Davison	97	1,845	2.5	1,945	1,102	20,966	2.2	21,715	11.4
Lawrence	3	57	0.1	60	20	381	0.0	395	6.7
Aurora	94	1,788	2.4	1,885	1,411	26,845	2.9	27,804	15.0
Bennett	24	457	0.6	482	147	2,797	0.3	2,897	6.1
Bon Homme	34	647	0.9	682	163	3,101	0.3	3,212	4.8
Brule	89	1,693	2.3	1,785	1,111	21,137	2.3	21,892	12.5
Buffalo	13	247	0.3	260	158	3,006	0.3	3,113	12.2
Butte	9	171	0.2	180	65	1,237	0.1	1,281	7.2
Campbell	33	628	0.9	662	318	6,050	0.6	6,266	9.6
Charles Mix	107	2,036	2.8	2,147	1,106	21,042	2.2	21,794	10.3
Clark	85	1,617	2.2	1,705	1,176	22,374	2.4	23,173	13.8
Clay	54	1,027	1.4	1,083	581	11,054	1.2	11,449	10.8
Corson	14	266	0.4	280	88	1,674	0.2	1,734	6.3
Custer	2	38	0.1	40	5	95	0.0	98	2.5
Day	73	1,389	1.9	1,465	929	17,674	1.9	18,305	12.7
Deuel	44	837	1.1	883	444	8,447	0.9	8,749	10.1
Dewey	14	266	0.4	280	170	3,234	0.3	3,350	12.2
Douglas	32	609	0.8	642	569	10,825	1.2	11,212	17.8
Edmunds	83	1,579	2.1	1,665	1,584	30,136	3.2	31,212	19.1
Fall River	10	190	0.3	200	37	704	0.1	729	3.7
Faulk	60	1,141	1.5	1,203	866	16,476	1.8	17,065	14.4
Grant	49	932	1.3	983	543	10,331	1.1	10,700	11.1
Gregory	53	1,008	1.4	1,063	548	10,426	1.1	10,798	10.3
Haakon	17	323	0.4	341	211	4,014	0.4	4,157	12.4
Hamlin	76	1,446	2.0	1,525	897	17,066	1.8	17,676	11.8
Hand	95	1,807	2.4	1,905	1,129	21,479	2.3	22,246	11.9
Hanson	33	628	0.9	662	414	7,876	0.8	8,157	12.5
Harding	3	57	0.1	60	18	342	0.0	354	6.0
Hughes	80	1,522	2.1	1,605	1,070	20,357	2.2	21,084	13.4
Hutchinson	56	1,065	1.4	1,123	703	13,375	1.4	13,853	12.6
Hyde	35	666	0.9	702	371	7,058	0.8	7,310	10.6
Jackson	6	114	0.2	120	40	761	0.1	788	6.7
Jerauld	38	723	1.0	762	358	6,811	0.7	7,054	9.4
Jones	34	647	0.9	682	366	6,963	0.7	7,212	10.8
Kingsbury	89	1,693	2.3	1,785	877	16,685	1.8	17,281	9.9
Lake	98	1,864	2.5	1,965	1,019	19,387	2.1	20,080	10.4
Lincoln	61	1,160	1.6	1,223	656	12,481	1.3	12,927	10.8
Lyman	105	1,997	2.7	2,106	1,523	28,975	3.1	30,010	14.5
McCook	87	1,655	2.2	1,745	1,177	22,393	2.4	23,193	13.5
McPherson	37	704	1.0	742	535	10,178	1.1	10,542	14.5
Marshall	44	837	1.1	883	571	10,863	1.2	11,251	13.0
Meade	4	76	0.1	80	34	647	0.1	670	8.5
Mellette	3	57	0.1	60	26	495	0.1	513	8.7
Miner	92	1,750	2.4	1,845	1,332	25,342	2.7	26,247	14.5
Moody	61	1,160	1.6	1,223	783	14,897	1.6	15,429	12.8
Perkins	35	666	0.9	702	349	6,640	0.7	6,877	10.0
Potter	57	1,084	1.5	1,143	1,179	22,431	2.4	23,232	20.7
Roberts	55	1,046	1.4	1,103	689	13,108	1.4	13,576	12.5
Sanborn	78	1,484	2.0	1,565	1,162	22,107	2.4	22,897	14.9
Spink	146	2,777	3.8	2,928	2,534	48,210	5.2	49,932	17.4
Stanley	22	419	0.6	442	378	7,192	0.8	7,449	17.2
Sully	65	1,237	1.7	1,304	857	16,305	1.7	16,887	13.2
Tripp	63	1,198	1.6	1,263	582	11,073	1.2	11,469	9.2
Turner	53	1,008	1.4	1,063	575	10,939	1.2	11,330	10.9
Union	31	590	0.8	622	276	5,251	0.6	5,439	8.9
Walworth	69	1,313	1.8	1,384	1,088	20,699	2.2	21,438	15.8
Ziebach	7	133	0.2	140	75	1,427	0.2	1,478	10.7
Shannon	1	19	0.0	20	10	190	0.0	197	10.0
Todd	3	57	0.1	60	16	304	0.0	315	5.3
Unk/Unreported	211	4,014	-	-	1,757	33,427	-	-	8.3
<b>TOTALS:</b>	<b>4,089</b>	<b>77,788</b>	<b>100%</b>	<b>77,778</b>	<b>50,945</b>	<b>969,238</b>	<b>100%</b>	<b>969,239</b>	<b>12.46</b>

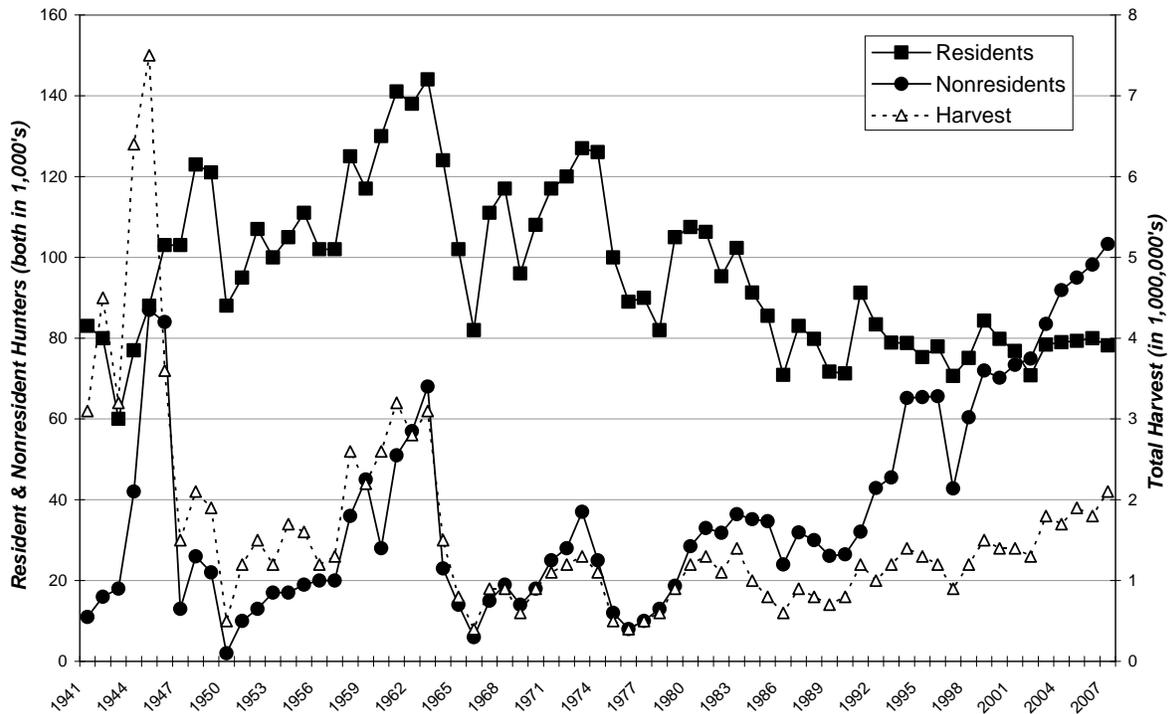
Revised: 28 March 08  
 \* Includes unknown county projection values by assuming unknown county values are distributed the same as reported county values. Total values may be different due to rounding.  
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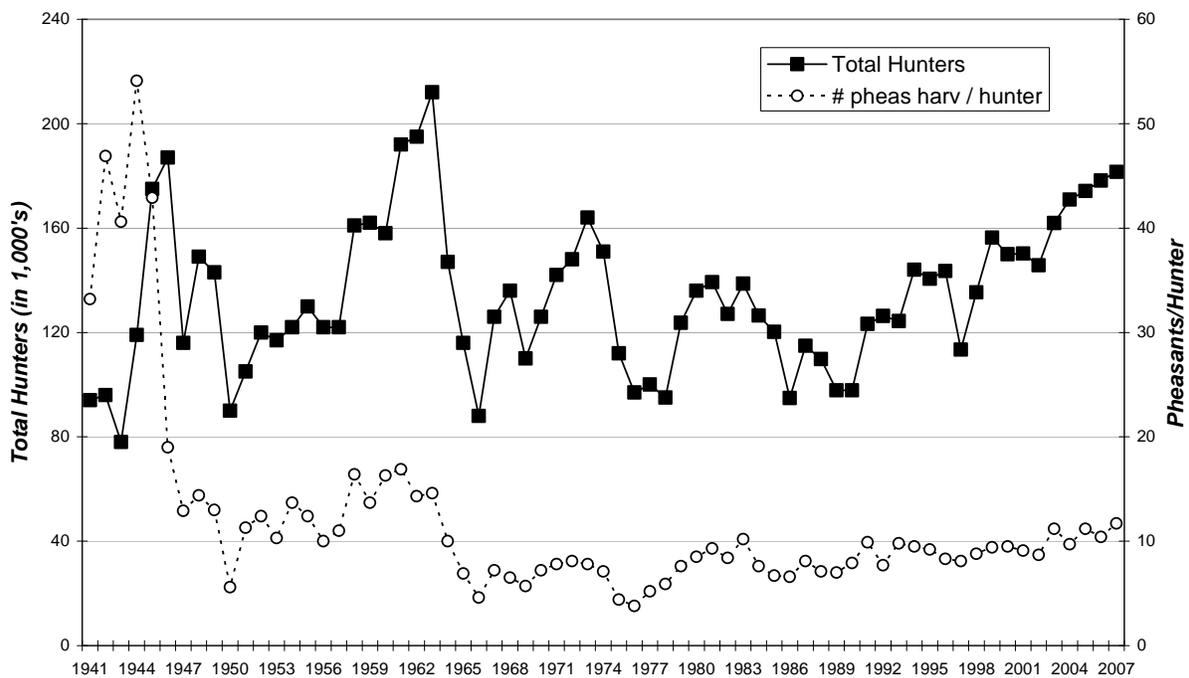
<b>Nonresident Pheasant Harvest Distribution by County 2007</b>									
<b>COUNTY</b>	<b>HUNTER DISTRIBUTION</b>				<b>HARVEST DISTRIBUTION</b>				<b>Birds/Hunter **</b>
	<b># Reported</b>	<b># Projected</b>	<b>% of Total</b>	<b># Proj w/ Unk *</b>	<b># Reported</b>	<b># Projected</b>	<b>% of Total</b>	<b># Proj w/ Unk *</b>	
Minnehaha	11	215	0.2	224	97	1,892	0.2	1,953	8.8
Pennington	0	0	0.0	0	0	0	0.0	0	0
Brown	378	7,375	7.5	7,680	4,426	86,314	7.7	89,086	11.7
Beadle	335	6,536	6.6	6,807	3,747	73,072	6.5	75,419	11.2
Codington	123	2,400	2.4	2,499	1,134	22,115	2.0	22,825	9.2
Brookings	100	1,951	2.0	2,032	907	17,688	1.6	18,256	9.1
Yankton	33	644	0.7	671	230	4,485	0.4	4,629	7.0
Davison	214	4,175	4.2	4,348	2,023	39,452	3.5	40,719	9.4
Lawrence	1	20	0.0	21	15	293	0.0	302	14.7
Aurora	195	3,804	3.8	3,962	2,341	45,653	4.1	47,119	12.0
Bennett	8	156	0.2	162	87	1,697	0.2	1,752	10.9
Bon Homme	10	195	0.2	203	57	1,112	0.1	1,148	5.7
Brule	247	4,819	4.9	5,019	2,955	57,627	5.2	59,478	12.0
Buffalo	31	605	0.6	630	280	5,460	0.5	5,635	9.0
Butte	2	39	0.0	41	21	410	0.0	423	10.5
Campbell	84	1,639	1.7	1,707	1,139	22,212	2.0	22,925	13.6
Charles Mix	128	2,497	2.5	2,600	1,399	27,283	2.4	28,159	10.9
Clark	238	4,643	4.7	4,835	2,791	54,429	4.9	56,177	11.7
Clay	10	195	0.2	203	78	1,521	0.1	1,570	7.8
Corson	19	371	0.4	386	160	3,120	0.3	3,220	8.4
Custer	0	0	0.0	0	0	0	0.0	0	0
Day	126	2,458	2.5	2,560	1,344	26,210	2.3	27,052	10.7
Deuel	29	566	0.6	589	257	5,012	0.4	5,173	8.9
Dewey	32	624	0.6	650	428	8,347	0.7	8,615	13.4
Douglas	44	858	0.9	894	423	8,249	0.7	8,514	9.6
Edmunds	146	2,848	2.9	2,966	1,969	38,399	3.4	39,632	13.5
Fall River	3	59	0.1	61	20	390	0.0	403	6.6
Faulk	134	2,614	2.6	2,722	1,921	37,462	3.4	38,665	14.3
Grant	20	390	0.4	406	195	3,803	0.3	3,925	9.8
Gregory	154	3,004	3.0	3,128	1,538	29,993	2.7	30,956	10.0
Haakon	4	78	0.1	81	38	741	0.1	765	9.5
Hamlin	48	936	0.9	975	405	7,898	0.7	8,152	8.4
Hand	144	2,809	2.8	2,925	2,032	39,627	3.5	40,900	14.1
Hanson	41	800	0.8	833	490	9,556	0.9	9,863	11.9
Harding	6	117	0.1	122	51	995	0.1	1,027	8.5
Hughes	114	2,224	2.2	2,316	1,131	22,056	2.0	22,764	9.9
Hutchinson	49	956	1.0	996	407	7,937	0.7	8,192	8.3
Hyde	27	527	0.5	549	283	5,519	0.5	5,696	10.5
Jackson	7	137	0.1	143	94	1,833	0.2	1,892	13.4
Jerauld	77	1,502	1.5	1,564	809	15,777	1.4	16,284	10.5
Jones	33	644	0.7	671	383	7,469	0.7	7,709	11.6
Kingsbury	74	1,444	1.5	1,504	855	16,674	1.5	17,210	11.5
Lake	29	566	0.6	589	239	4,661	0.4	4,811	8.2
Lincoln	5	98	0.1	102	26	507	0.0	523	5.2
Lyman	231	4,507	4.6	4,694	2,512	48,988	4.4	50,561	10.9
McCook	19	371	0.4	386	142	2,769	0.2	2,858	7.5
McPherson	73	1,424	1.4	1,483	950	18,526	1.7	19,121	13.0
Marshall	57	1,112	1.1	1,158	623	12,149	1.1	12,539	10.9
Meade	9	176	0.2	183	69	1,346	0.1	1,389	7.6
Mellette	18	351	0.4	366	181	3,530	0.3	3,643	10.1
Miner	93	1,814	1.8	1,889	1,061	20,691	1.9	21,356	11.4
Moody	22	429	0.4	447	214	4,173	0.4	4,307	9.7
Perkins	22	429	0.4	447	199	3,881	0.3	4,006	9.0
Potter	88	1,717	1.7	1,788	1,126	21,959	2.0	22,664	12.8
Roberts	45	878	0.9	914	468	9,127	0.8	9,420	10.4
Sanborn	106	2,068	2.1	2,154	1,198	23,363	2.1	24,113	11.3
Spink	295	5,755	5.8	5,993	4,087	79,703	7.1	82,263	13.8
Stanley	48	936	0.9	975	446	8,698	0.8	8,977	9.3
Sully	73	1,424	1.4	1,483	817	15,933	1.4	16,445	11.2
Tripp	260	5,072	5.1	5,282	2,941	57,354	5.1	59,196	11.3
Turner	13	254	0.3	265	132	2,574	0.2	2,657	10.1
Union	8	156	0.2	162	97	1,892	0.2	1,953	12.1
Walworth	69	1,346	1.4	1,402	696	13,573	1.2	14,009	10.1
Ziebach	4	78	0.1	81	57	1,112	0.1	1,148	14.3
Shannon	2	39	0.0	41	9	176	0.0	182	4.5
Todd	4	78	0.1	81	39	761	0.1	785	9.8
Unk/Unreported	210	4,097	-	-	1,840	35,883	-	-	8.8
<b>TOTALS</b>	<b>5,282</b>	<b>103,048</b>	<b>100%</b>	<b>103,050</b>	<b>59,129</b>	<b>1,153,107</b>	<b>100%</b>	<b>1,153,110</b>	<b>11.19</b>

Revised: 28 March 08  
 \* Includes unknown county projection values by assuming unknown county values are distributed the same as reported county values. Total values may be different due to rounding.  
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### SOUTH DAKOTA PHEASANT HARVEST 1941-2007



### SOUTH DAKOTA PHEASANT HUNTERS AND AVERAGE SEASON HARVEST 1941-2007



# PARTRIDGE

The 2007 partridge season covered 15 September - 6 January 2008 statewide (except Lacreek National Wildlife Refuge which was open 20 October - 6 January 2008). Harvest surveys were sent to both resident and nonresident hunters. The daily limit was 3 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 2007, there were 96,070 resident and 107,375 nonresident licenses issued that allowed holders to hunt partridge. Approximately 8% of residents and nonresidents were surveyed for the upland bird seasons. Survey response rates were 68.3% for residents and 70.6% for nonresidents.

Based on survey responses indicating at least one day of hunting partridge, there were a projected 3,767 resident and 3,160 nonresident partridge hunters.

From the survey responses, an estimated 14,333 partridge were harvested (7,760 by residents, 6,573 by nonresidents) during the 2007 season. When asked their satisfaction on the season, (1 being least satisfied, 7 being most satisfied), resident upland bird hunters reported an average satisfaction rating of 5.39 while nonresidents reported an average satisfaction rating of 6.00.

## Comparison of the 2000 - 2007 partridge harvests

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

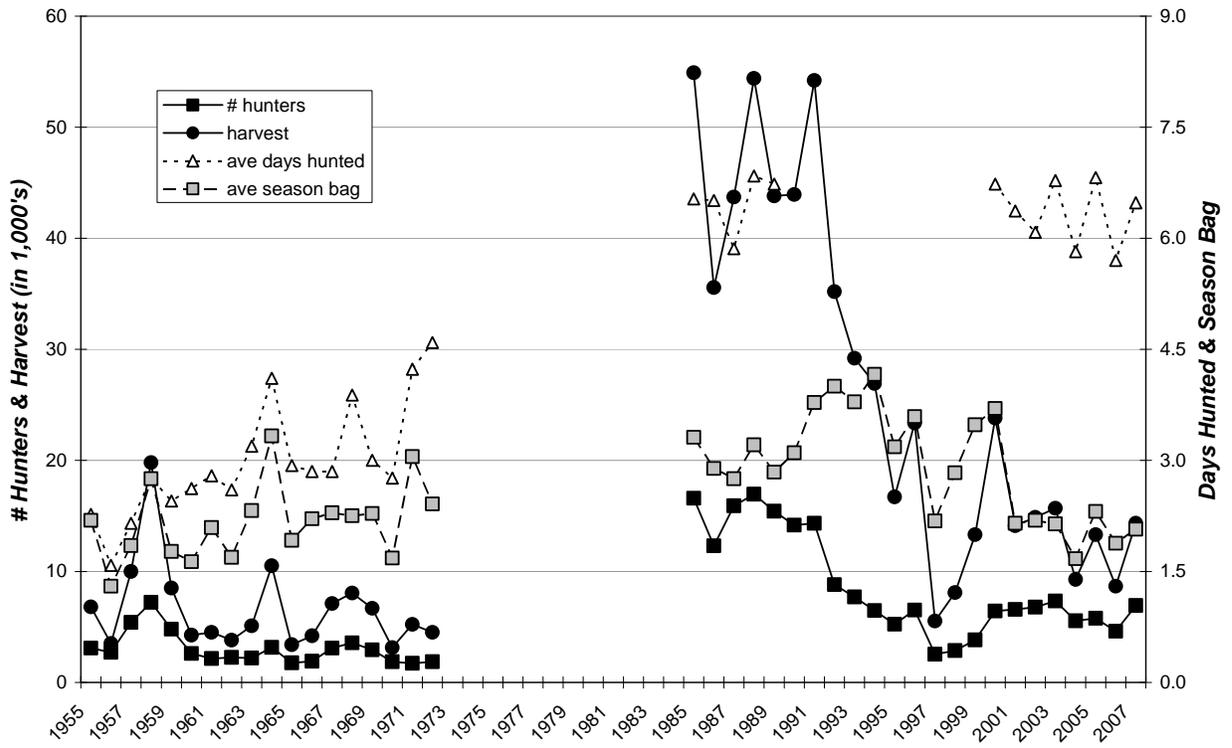
### PARTRIDGE HARVEST PROJECTIONS FOR 2007

Revised: 28 March 08

	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>	37,446	42,867	7,873	7,884	96,070	103,863	3,512	107,375
<b>Projected ACTIVE UPLAND BIRD HUNTERS</b>	31,816	33,692	5,617	7,112	78,226	99,885	3,370	103,255
Number Sampled by Survey	2,828	3,320	598	646	7,392	7,385	238	7,623
Number Responded to Survey	1,809	2,481	321	439	5,050	5,235	146	5,381
Responded and Participated in Season	1,537	1,950	229	396	4,112	5,151	142	5,293
Responded but DID NOT HUNT	272	531	92	43	938	84	4	88
<b>Survey Response Rate</b>	<b>64.0%</b>	<b>74.7%</b>	<b>53.7%</b>	<b>68.0%</b>	<b>68.3%</b>	<b>70.9%</b>	<b>61.3%</b>	<b>70.6%</b>
No. Hunters Reporting Partridge Days	59	108	11	20	198	160	2	162
Sum Partridge Hunted Days	550	852	69	115	1,586	748	7	755
Average Days Hunted Partridge	9.32	7.89	6.27	5.75	8.01	4.68	3.50	4.66
Sum Partridge Bagged	135	199	40	33	407	334	3	337
Average Season Partridge Bag	2.29	1.84	3.64	1.65	2.06	2.09	1.50	2.08
<b>Projected Days Partridge Hunting</b>	<b>11,380</b>	<b>14,723</b>	<b>1,693</b>	<b>2,064</b>	<b>30,174</b>	<b>14,522</b>	<b>165</b>	<b>14,726</b>
<b>Projected No. Partridge Hunters</b>	<b>1,221</b>	<b>1,866</b>	<b>270</b>	<b>359</b>	<b>3,767</b>	<b>3,103</b>	<b>47</b>	<b>3,160</b>
<b>Projected Partridge Bag</b>	<b>2,796</b>	<b>3,433</b>	<b>983</b>	<b>592</b>	<b>7,760</b>	<b>6,485</b>	<b>71</b>	<b>6,573</b>
<b>TOTAL HUNGARIAN PARTRIDGE HARVEST =</b>						<b>14,333</b>		
<b>Upland Bird Hunters Mean Satisfaction Score *</b>	5.35	5.46	5.18	5.34	5.39	6.00	5.96	6.00

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

### STATEWIDE PARTRIDGE HARVEST, 1955-2007



South Dakota Game Report No 2008-03 - 2007 Small Game, Upland Bird & Migratory Bird Harvest Projections  
 Corey Huxoll

<b>Resident Partridge Harvest Distribution by County 2007</b>										
COUNTY	HUNTER DISTRIBUTION				HARVEST DISTRIBUTION				Birds/Hunter **	
	# Reported	# Projected	% of Total	# Proj w/ Unk *	# Reported	# Projected	% of Total	# Proj w/ Unk *		
Minnehaha	9	171	4.8	179	15	286	3.8	296	1.7	
Pennington	3	57	1.6	60	15	286	3.8	296	5.0	
Brown	3	57	1.6	60	4	76	1.0	79	1.3	
Beadle	2	38	1.1	40	1	19	0.3	20	0.5	
Codington	14	266	7.4	279	16	305	4.1	316	1.1	
Brookings	16	304	8.5	318	30	572	7.6	592	1.9	
Yankton	1	19	0.5	20	1	19	0.3	20	1.0	
Davison	2	38	1.1	40	0	0	0.0	0	0.0	
Lawrence	1	19	0.5	20	0	0	0.0	0	0.0	
Aurora	1	19	0.5	20	0	0	0.0	0	0.0	
Bennett	0	0	0.0	0	0	0	0.0	0	0	
Bon Homme	1	19	0.5	20	1	19	0.3	20	1.0	
Brule	1	19	0.5	20	2	38	0.5	39	2.0	
Buffalo	0	0	0.0	0	0	0	0.0	0	0	
Butte	0	0	0.0	0	0	0	0.0	0	0	
Campbell	1	19	0.5	20	1	19	0.3	20	1.0	
Charles Mix	2	38	1.1	40	3	57	0.8	59	1.5	
Clark	2	38	1.1	40	15	286	3.8	296	7.5	
Clay	1	19	0.5	20	0	0	0.0	0	0.0	
Corson	4	76	2.1	80	3	57	0.8	59	0.8	
Custer	1	19	0.5	20	2	38	0.5	39	2.0	
Day	5	95	2.6	100	8	153	2.0	158	1.6	
Deuel	5	95	2.6	100	21	400	5.3	414	4.2	
Dewey	4	76	2.1	80	3	57	0.8	59	0.8	
Douglas	2	38	1.1	40	3	57	0.8	59	1.5	
Edmunds	2	38	1.1	40	0	0	0.0	0	0.0	
Fall River	1	19	0.5	20	0	0	0.0	0	0.0	
Faulk	3	57	1.6	60	5	95	1.3	98	1.7	
Grant	9	171	4.8	179	21	400	5.3	414	2.3	
Gregory	5	95	2.6	100	25	477	6.4	494	5.0	
Haakon	1	19	0.5	20	1	19	0.3	20	1.0	
Hamlin	3	57	1.6	60	6	114	1.5	118	2.0	
Hand	3	57	1.6	60	12	229	3.1	237	4.0	
Hanson	1	19	0.5	20	2	38	0.5	39	2.0	
Harding	3	57	1.6	60	3	57	0.8	59	1.0	
Hughes	2	38	1.1	40	26	496	6.6	514	13.1	
Hutchinson	3	57	1.6	60	4	76	1.0	79	1.3	
Hyde	3	57	1.6	60	5	95	1.3	98	1.7	
Jackson	0	0	0.0	0	0	0	0.0	0	0	
Jerauld	0	0	0.0	0	0	0	0.0	0	0	
Jones	0	0	0.0	0	0	0	0.0	0	0	
Kingsbury	1	19	0.5	20	0	0	0.0	0	0.0	
Lake	2	38	1.1	40	2	38	0.5	39	1.0	
Lincoln	8	152	4.2	159	35	667	8.9	691	4.4	
Lyman	3	57	1.6	60	9	172	2.3	178	3.0	
McCook	2	38	1.1	40	2	38	0.5	39	1.0	
McPherson	4	76	2.1	80	2	38	0.5	39	0.5	
Marshall	0	0	0.0	0	0	0	0.0	0	0	
Meade	6	114	3.2	119	17	324	4.3	336	2.8	
Mellette	0	0	0.0	0	0	0	0.0	0	0	
Miner	3	57	1.6	60	3	57	0.8	59	1.0	
Moody	5	95	2.6	100	8	153	2.0	158	1.6	
Perkins	13	247	6.9	259	27	515	6.9	533	2.1	
Potter	1	19	0.5	20	2	38	0.5	39	2.0	
Roberts	5	95	2.6	100	3	57	0.8	59	0.6	
Sanborn	0	0	0.0	0	0	0	0.0	0	0	
Spink	6	114	3.2	119	3	57	0.8	59	0.5	
Stanley	2	38	1.1	40	21	400	5.3	414	10.5	
Sully	1	19	0.5	20	0	0	0.0	0	0.0	
Tripp	0	0	0.0	0	0	0	0.0	0	0	
Turner	0	0	0.0	0	0	0	0.0	0	0	
Union	1	19	0.5	20	0	0	0.0	0	0.0	
Walworth	2	38	1.1	40	2	38	0.5	39	1.0	
Ziebach	4	76	2.1	80	3	57	0.8	59	0.8	
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	9	171	-	-	14	267	-	-	1.6	
<b>TOTALS:</b>	<b>198</b>	<b>3,767</b>	<b>100%</b>	<b>3,771</b>	<b>407</b>	<b>7,760</b>	<b>100%</b>	<b>7,752</b>	<b>2.06</b>	

Last Revised: 25 April 08  
 \* Includes unknown county projection values by assuming unknown county values are distributed the same as reported county values. Total values may be different due to rounding.  
 \*\* Calculation uses "# projected" values without correction for unknown/unreported county values.

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 Corey Huxoll

<b>Nonresident Partridge Harvest Distribution by County 2007</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	1	20	0.7	21	0	0	0.0	0	0.0	
Pennington	1	20	0.7	21	0	0	0.0	0	0.0	
Brown	6	117	3.9	124	14	273	4.3	286	2.3	
Beadle	5	98	3.3	104	20	390	6.2	408	4.0	
Codington	6	117	3.9	124	11	215	3.4	225	1.8	
Brookings	2	39	1.3	41	2	39	0.6	41	1.0	
Yankton	1	20	0.7	21	3	59	0.9	62	3.0	
Davison	5	98	3.3	104	5	98	1.6	103	1.0	
Lawrence	0	0	0.0	0	0	0	0.0	0	0	
Aurora	0	0	0.0	0	0	0	0.0	0	0	
Bennett	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	5	98	3.3	104	25	488	7.8	511	5.0	
Buffalo	0	0	0.0	0	0	0	0.0	0	0	
Butte	1	20	0.7	21	3	59	0.9	62	3.0	
Campbell	6	117	3.9	124	8	156	2.5	163	1.3	
Chas Mix	1	20	0.7	21	0	0	0.0	0	0.0	
Clark	1	20	0.7	21	0	0	0.0	0	0.0	
Clay	0	0	0.0	0	0	0	0.0	0	0	
Corson	5	98	3.3	104	27	527	8.4	552	5.4	
Custer	0	0	0.0	0	0	0	0.0	0	0	
Day	7	137	4.6	145	7	137	2.2	143	1.0	
Deuel	3	59	2.0	62	2	39	0.6	41	0.7	
Dewey	5	98	3.3	104	18	351	5.6	367	3.6	
Douglas	0	0	0.0	0	0	0	0.0	0	0	
Edmunds	3	59	2.0	62	3	59	0.9	62	1.0	
Fall River	0	0	0.0	0	0	0	0.0	0	0	
Faulk	3	59	2.0	62	4	78	1.2	82	1.3	
Grant	2	39	1.3	41	11	215	3.4	225	5.5	
Gregory	7	137	4.6	145	16	312	5.0	327	2.3	
Haakon	0	0	0.0	0	0	0	0.0	0	0	
Hamlin	3	59	2.0	62	1	20	0.3	21	0.3	
Hand	8	156	5.2	165	20	390	6.2	408	2.5	
Hanson	2	39	1.3	41	0	0	0.0	0	0.0	
Harding	2	39	1.3	41	11	215	3.4	225	5.5	
Hughes	8	156	5.2	165	25	488	7.8	511	3.1	
Hutchinson	0	0	0.0	0	0	0	0.0	0	0	
Hyde	0	0	0.0	0	0	0	0.0	0	0	
Jackson	0	0	0.0	0	0	0	0.0	0	0	
Jerauld	2	39	1.3	41	2	39	0.6	41	1.0	
Jones	2	39	1.3	41	8	156	2.5	163	4.0	
Kingsbury	4	78	2.6	83	1	20	0.3	21	0.3	
Lake	0	0	0.0	0	0	0	0.0	0	0	
Lincoln	2	39	1.3	41	1	20	0.3	21	0.5	
Lyman	6	117	3.9	124	12	234	3.7	245	2.0	
McCook	0	0	0.0	0	0	0	0.0	0	0	
McPherson	3	59	2.0	62	8	156	2.5	163	2.6	
Marshall	0	0	0.0	0	0	0	0.0	0	0	
Meade	0	0	0.0	0	0	0	0.0	0	0	
Mellette	1	20	0.7	21	3	59	0.9	62	3.0	
Miner	1	20	0.7	21	0	0	0.0	0	0.0	
Moody	1	20	0.7	21	0	0	0.0	0	0.0	
Perkins	2	39	1.3	41	8	156	2.5	163	4.0	
Potter	3	59	2.0	62	7	137	2.2	143	2.3	
Roberts	3	59	2.0	62	3	59	0.9	62	1.0	
Sanborn	2	39	1.3	41	1	20	0.3	21	0.5	
Spink	4	78	2.6	83	4	78	1.2	82	1.0	
Stanley	4	78	2.6	83	11	215	3.4	225	2.8	
Sully	3	59	2.0	62	4	78	1.2	82	1.3	
Tripp	7	137	4.6	145	7	137	2.2	143	1.0	
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	1	20	0.7	21	1	20	0.3	21	1.0	
Ziebach	3	59	2.0	62	5	98	1.6	103	1.7	
Shannon	0	0	0.0	0	0	0	0.0	0	0	
Todd	0	0	0.0	0	0	0	0.0	0	0	
Unknown	9	176	-	-	15	293	-	-	1.7	
<b>TOTALS:</b>	<b>162</b>	<b>3,160</b>	<b>100.8%</b>	<b>3,167</b>	<b>337</b>	<b>6,573</b>	<b>99.8%</b>	<b>6,586</b>	<b>2.08</b>	

Last Revised: 25 April 08

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

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

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

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

The 2007 grouse season covered 15 September - 6 January 2008 statewide (except Lacreek National Wildlife Refuge which was open 20 October - 6 January 2008). 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 2007, there were 96,070 resident and 107,375 nonresident licenses issued that allowed holders to hunt grouse. Approximately 8% of residents and nonresidents were surveyed for the upland bird seasons. Survey response rates were 68.3% for residents and 70.6% for nonresidents.

Based on survey responses indicating at least one day of hunting grouse, there were a projected 6,164 resident and 4,663 nonresident grouse hunters.

From the survey responses, a projected total of 34,042 grouse were harvested (23,177 by residents, 10,865 by nonresidents) during the 2007 season.

When asked their satisfaction on the season, (1 being very dissatisfied, and 7 being very satisfied), resident upland bird hunters reported an average rating of 5.39 while nonresidents reported a satisfaction rating of 6.00.

### A comparison of the 1997 - 2007 prairie grouse harvests

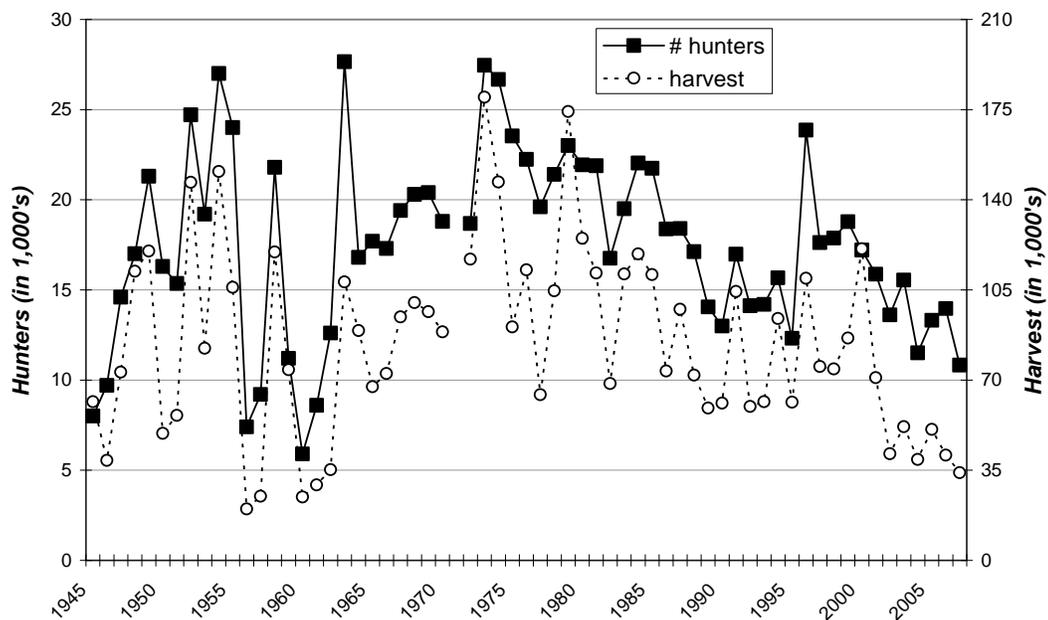
Year	Resident Hunters					Nonresident Hunters				
	Number Hunters	Harvest	Ave Day Hunted	Ave Bag	Satisfaction	Number Hunters	Harvest	Ave Day Hunted	Ave Bag	Satisfaction
1997	13,651	62,705	4.83	4.66	NA	3,972	12,585	4.06	3.20	NA
1998	12,728	57,452	4.44	4.57	4.33	5,139	16,880	4.25	3.30	5.22
1999	13,143	64,401	4.72	4.90	4.60	5,638	21,875	4.15	3.88	5.33
2000	12,369	100,807	5.75	8.15	4.71	4,841	20,139	4.20	4.16	5.20
2001	10,852	53,392	4.80	4.92	4.55	4,943	16,411	4.11	3.32	5.23
2002	8,644	29,649	4.37	3.43	4.17	4,963	11,762	4.32	2.37	5.76
2003	9,478	37,249	4.05	3.93	4.88	6,058	14,660	3.84	2.42	5.53
2004	7,859	27,821	4.12	3.54	4.81	3,655	11,367	4.04	3.11	5.39
2005	7,508	33,561	4.58	4.47	5.19	5,806	17,302	3.85	2.98	5.83
2006	7,836	27,269	4.02	3.48	4.99	6,135	13,620	3.92	2.22	5.71
2007	6,164	23,177	4.37	3.76	5.39	4,663	10,865	3.70	2.33	6.00

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<b>PRAIRIE GROUSE HARVEST PROJECTIONS FOR 2007</b>								
<i>Revised: 28 March 08</i>								
	<b>RESIDENT TOTALS BY LICENSE TYPE</b>					<b>NONRESIDENT TOTALS</b>		
	Small Game	Combo	Junior Combo	Youth SmGm	Sum Estimates	Nonres Sm Game	Youth Sm Game	Sum Estimates
<b>Licenses Sold</b>	37,446	42,867	7,873	7,884	<b>96,070</b>	103,863	3,512	<b>107,375</b>
<b>Projected ACTIVE UPLAND BIRD HUNTERS</b>	<b>31,816</b>	<b>33,692</b>	<b>5,617</b>	<b>7,112</b>	<b>78,226</b>	<b>99,885</b>	<b>3,370</b>	<b>103,255</b>
Number Sampled by Survey	2,828	3,320	598	646	<b>7,392</b>	7,385	238	<b>7,623</b>
Number Responded to Survey	1,809	2,481	321	439	<b>5,050</b>	5,235	146	<b>5,381</b>
Responded and Participated in Season	<b>1,537</b>	<b>1,950</b>	<b>229</b>	<b>396</b>	<b>4,112</b>	<b>5,151</b>	<b>142</b>	<b>5,293</b>
Responded but DID NOT HUNT	272	531	92	43	<b>938</b>	84	4	<b>88</b>
<b>Survey Response Rate</b>	<b>64.0%</b>	<b>74.7%</b>	<b>53.7%</b>	<b>68.0%</b>	<b>68.3%</b>	<b>70.9%</b>	<b>61.3%</b>	<b>70.6%</b>
No. Hunters Reporting Grouse Days	86	206	18	14	<b>324</b>	235	4	<b>239</b>
Sum Grouse Hunted Days	461	811	59	85	<b>1,416</b>	870	14	<b>884</b>
Average Days Hunted Grouse	<b>5.36</b>	<b>3.94</b>	<b>3.28</b>	<b>6.07</b>	<b>4.37</b>	<b>3.70</b>	<b>3.50</b>	<b>3.70</b>
Sum Grouse Bagged	305	791	78	45	<b>1,219</b>	554	3	<b>557</b>
Average Season Grouse Bag	<b>3.55</b>	<b>3.84</b>	<b>4.33</b>	<b>3.21</b>	<b>3.76</b>	<b>2.36</b>	<b>0.75</b>	<b>2.33</b>
<b>Projected Days Grouse Hunting</b>	<b>9,541</b>	<b>14,022</b>	<b>1,446</b>	<b>1,524</b>	<b>26,937</b>	<b>16,861</b>	<b>333</b>	<b>17,253</b>
<b>Projected No. Grouse Hunters</b>	<b>1,780</b>	<b>3,559</b>	<b>441</b>	<b>251</b>	<b>6,164</b>	<b>4,557</b>	<b>95</b>	<b>4,663</b>
<b>Projected Grouse Bag</b>	<b>6,319</b>	<b>13,667</b>	<b>1,910</b>	<b>806</b>	<b>23,177</b>	<b>10,755</b>	<b>71</b>	<b>10,865</b>
					<b>TOTAL GROUSE HARVEST =</b>	<b>34,042</b>		
<b>Upland Bird Hunters Mean Satisfaction Score *</b>	5.35	5.46	5.18	5.34	5.39	6.00	5.96	6.00

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

**PRAIRIE GROUSE HUNTERS & HARVEST 1945-2007**



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<b>Resident Grouse Harvest Distribution by County 2007</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	14	266	4.6	282	35	665	3.0	690	2.5	
Brown	2	38	0.7	40	1	19	0.1	20	0.5	
Beadle	0	0	0.0	0	0	0	0.0	0	0	
Codington	6	114	2.0	121	7	133	0.6	138	1.2	
Brookings	2	38	0.7	40	8	152	0.7	158	4.0	
Yankton	0	0	0.0	0	0	0	0.0	0	0	
Davison	1	19	0.3	20	0	0	0.0	0	0.0	
Lawrence	5	95	1.6	101	9	171	0.8	177	1.8	
Aurora	2	38	0.7	40	2	38	0.2	39	1.0	
Bennett	8	152	2.6	161	19	361	1.6	375	2.4	
Bon Homme	1	19	0.3	20	1	19	0.1	20	1.0	
Brule	1	19	0.3	20	3	57	0.3	59	3.0	
Buffalo	0	0	0.0	0	0	0	0.0	0	0	
Butte	6	114	2.0	121	14	266	1.2	276	2.3	
Campbell	1	19	0.3	20	3	57	0.3	59	3.0	
Charles Mix	4	76	1.3	80	12	228	1.0	237	3.0	
Clark	2	38	0.7	40	4	76	0.3	79	2.0	
Clay	0	0	0.0	0	0	0	0.0	0	0	
Corson	15	285	4.9	302	98	1,863	8.3	1,933	6.5	
Custer	2	38	0.7	40	3	57	0.3	59	1.5	
Day	6	114	2.0	121	16	304	1.4	315	2.7	
Deuel	3	57	1.0	60	10	190	0.9	197	3.3	
Dewey	11	209	3.6	221	32	608	2.7	631	2.9	
Douglas	1	19	0.3	20	2	38	0.2	39	2.0	
Edmunds	2	38	0.7	40	4	76	0.3	79	2.0	
Fall River	2	38	0.7	40	0	0	0.0	0	0.0	
Faulk	3	57	1.0	60	5	95	0.4	99	1.7	
Grant	9	171	2.9	181	39	742	3.3	770	4.3	
Gregory	13	247	4.2	262	101	1,920	8.6	1,992	7.8	
Haakon	10	190	3.3	201	46	875	3.9	908	4.6	
Hamlin	0	0	0.0	0	0	0	0.0	0	0	
Hand	11	209	3.6	221	32	608	2.7	631	2.9	
Hanson	0	0	0.0	0	0	0	0.0	0	0	
Harding	2	38	0.7	40	8	152	0.7	158	4.0	
Hughes	6	114	2.0	121	16	304	1.4	315	2.7	
Hutchinson	1	19	0.3	20	0	0	0.0	0	0.0	
Hyde	3	57	1.0	60	6	114	0.5	118	2.0	
Jackson	3	57	1.0	60	9	171	0.8	177	3.0	
Jerauld	0	0	0.0	0	0	0	0.0	0	0	
Jones	12	228	3.9	241	69	1,312	5.9	1,361	5.8	
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	18	342	5.9	362	59	1,122	5.0	1,164	3.3	
McCook	1	19	0.3	20	2	38	0.2	39	2.0	
McPherson	14	266	4.6	282	34	646	2.9	670	2.4	
Marshall	3	57	1.0	60	17	323	1.4	335	5.7	
Meade	15	285	4.9	302	67	1,274	5.7	1,322	4.5	
Mellette	4	76	1.3	80	18	342	1.5	355	4.5	
Miner	1	19	0.3	20	0	0	0.0	0	0.0	
Moody	1	19	0.3	20	0	0	0.0	0	0.0	
Perkins	22	419	7.2	444	87	1,654	7.4	1,716	3.9	
Potter	3	57	1.0	60	33	627	2.8	650	11.0	
Roberts	2	38	0.7	40	13	247	1.1	256	6.5	
Sanborn	0	0	0.0	0	0	0	0.0	0	0	
Spink	3	57	1.0	60	9	171	0.8	177	3.0	
Stanley	25	476	8.2	504	128	2,434	10.9	2,525	5.1	
Sully	4	76	1.3	80	11	209	0.9	217	2.8	
Tripp	7	133	2.3	141	19	361	1.6	375	2.7	
Turner	1	19	0.3	20	1	19	0.1	20	1.0	
Union	0	0	0.0	0	0	0	0.0	0	0	
Walworth	5	95	1.6	101	16	304	1.4	315	3.2	
Ziebach	7	133	2.3	141	47	894	4.0	927	6.7	
Shannon	0	0	0.0	0	0	0	0.0	0	0	
Todd	0	0	0.0	0	0	0	0.0	0	0	
Unknown	18	342	-	-	44	837	-	-	2.4	
<b>TOTALS:</b>	<b>324</b>	<b>6,164</b>	<b>100.4%</b>	<b>6,154</b>	<b>1,219</b>	<b>23,177</b>	<b>100%</b>	<b>23,172</b>	<b>3.76</b>	

Last Revised: 25 April 08  
 \* Includes unknown county projection values by assuming unknown county values are distributed the same as reported county values. Total values may be different due to rounding.  
 \*\* Calculation uses "# projected" values without correction for unknown/unreported county values.

South Dakota Game Report No 2008-03 - 2007 Small Game, Upland Bird & Migratory Bird Harvest Projections  
Corey Huxoll

<b>Nonresident Grouse Harvest Distribution by County 2007</b>										
<b>COUNTY</b>	<b>HUNTER DISTRIBUTION</b>				<b>HARVEST DISTRIBUTION</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>	<b>Birds/Hunter</b>	
Minnehaha	1	20	0.5	21	0	0	0.0	0	0.0	
Pennington	0	0	0.0	0	0	0	0.0	0	0	
Brown	6	117	2.7	125	13	254	2.5	268	2.2	
Beadle	3	59	1.4	63	5	98	1.0	103	1.7	
Codington	5	98	2.3	105	14	273	2.7	288	2.8	
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	3	59	1.4	63	1	20	0.2	21	0.3	
Lawrence	0	0	0.0	0	0	0	0.0	0	0	
Aurora	0	0	0.0	0	0	0	0.0	0	0	
Bennett	2	39	0.9	42	9	176	1.7	186	4.5	
Bon Homme	1	20	0.5	21	1	20	0.2	21	1.0	
Brule	5	98	2.3	105	7	137	1.3	145	1.4	
Buffalo	1	20	0.5	21	1	20	0.2	21	1.0	
Butte	2	39	0.9	42	4	78	0.8	82	2.0	
Campbell	3	59	1.4	63	6	117	1.1	123	2.0	
Chas Mix	3	59	1.4	63	4	78	0.8	82	1.3	
Clark	2	39	0.9	42	15	293	2.8	309	7.5	
Clay	0	0	0.0	0	0	0	0.0	0	0	
Corson	4	78	1.8	84	9	176	1.7	186	2.3	
Custer	0	0	0.0	0	0	0	0.0	0	0	
Day	9	176	4.0	189	13	254	2.5	268	1.4	
Deuel	2	39	0.9	42	1	20	0.2	21	0.5	
Dewey	10	195	4.5	209	23	449	4.4	474	2.3	
Douglas	0	0	0.0	0	0	0	0.0	0	0	
Edmunds	7	137	3.1	147	5	98	1.0	103	0.7	
Fall River	1	20	0.5	21	2	39	0.4	41	2.0	
Faulk	3	59	1.4	63	1	20	0.2	21	0.3	
Grant	0	0	0.0	0	0	0	0.0	0	0	
Gregory	8	156	3.6	167	11	215	2.1	227	1.4	
Haakon	0	0	0.0	0	0	0	0.0	0	0	
Hamlin	0	0	0.0	0	0	0	0.0	0	0	
Hand	9	176	4.0	189	23	449	4.4	474	2.6	
Hanson	0	0	0.0	0	0	0	0.0	0	0	
Harding	2	39	0.9	42	12	234	2.3	247	6.0	
Hughes	8	156	3.6	167	19	371	3.6	391	2.4	
Hutchinson	0	0	0.0	0	0	0	0.0	0	0	
Hyde	2	39	0.9	42	1	20	0.2	21	0.5	
Jackson	2	39	0.9	42	8	156	1.5	165	4.0	
Jerauld	2	39	0.9	42	0	0	0.0	0	0.0	
Jones	7	137	3.1	147	11	215	2.1	227	1.6	
Kingsbury	1	20	0.5	21	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	26	507	11.7	543	57	1,112	10.8	1,173	2.2	
McCook	0	0	0.0	0	0	0	0.0	0	0	
McPherson	8	156	3.6	167	10	195	1.9	206	1.3	
Marshall	2	39	0.9	42	2	39	0.4	41	1.0	
Meade	4	78	1.8	84	10	195	1.9	206	2.5	
Mellette	3	59	1.4	63	12	234	2.3	247	4.0	
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	6	117	2.7	125	11	215	2.1	227	1.8	
Potter	2	39	0.9	42	2	39	0.4	41	1.0	
Roberts	3	59	1.4	63	5	98	1.0	103	1.7	
Sanborn	1	20	0.5	21	0	0	0.0	0	0.0	
Spink	3	59	1.4	63	2	39	0.4	41	0.7	
Stanley	20	390	9.0	418	84	1,639	15.9	1,729	4.2	
Sully	10	195	4.5	209	34	663	6.4	699	3.4	
Tripp	12	234	5.4	251	17	332	3.2	350	1.4	
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	78	1.8	84	8	156	1.5	165	2.0	
Ziebach	3	59	1.4	63	37	722	7.0	762	12.2	
Shannon	1	20	0.5	21	3	59	0.6	62	3.0	
Todd	1	20	0.5	21	15	293	2.8	309	14.7	
Unknown	16	312	-	-	29	566	-	-	1.8	
<b>TOTALS:</b>	<b>239</b>	<b>4,663</b>	<b>101%</b>	<b>4,670</b>	<b>557</b>	<b>10,865</b>	<b>101%</b>	<b>10,876</b>	<b>2.33</b>	

*Last Revised: 25 April 08*  
*\* Includes unknown county projection values by assuming unknown county values are distributed the same as reported county values. Total values may be different due to rounding.*  
*\*\* Calculation uses "# projected" values without correction for unknown/unreported county values.*

## **SAGE GROUSE**

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

The 2007 sage grouse season was held on 26-27 September, 2007, on public lands including those owned or managed by US Bureau of Land Management, US Forest Service, State School and Public Lands Office, and Walk-In Areas in all of Harding County and west of US 85 in Butte County. The daily and season limit was 1 bird.

Hunters were not statistically surveyed about their sage grouse harvest, however GFP and U.S. Bureau of Land Management employees interviewed what is believed to be the majority of hunters in the field. Approximately 25 individual hunters participated in the season. Total recorded harvest was 10 grouse, of which all but 2 birds were taken in Harding County. Of the 10 birds checked by employees, 8 were males and 2 were females. None of the females and 3 of the 8 males were adults. In comparison to the 2006 season, there was a decrease in the number of birds taken but the ratio of males to females in the bag increased to 4:1 vs.1.5:1 in 2006. The ratio of juvenile to adult birds taken in 2007 as compared to 2006 decreased from 2.75:1 to 2.33:1.

### Comparison of the 2000-2007 Sage Grouse harvests:

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

\*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 2007 northern bobwhite season covered 20 October through 6 January 2008 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 2007, there were 96,070 resident and 107,375 nonresident licenses issued that allowed holders to hunt quail. Approximately 8% of residents and nonresidents were surveyed for the upland bird seasons. Survey response rates were 68.3% for residents and 70.6% for nonresidents.

Based on survey responses indicating at least one day of hunting bobwhites, there were a projected 780 resident and 449 nonresident quail hunters.

From the survey responses, an estimated 965 quail were harvested (476 by residents, 489 by nonresidents) during the 2007 season. When asked their satisfaction with their hunting, (1 being least satisfied, 7 being most satisfied), resident upland bird hunters reported an average satisfaction rating of 5.39 while nonresidents reported a satisfaction rating of 6.00.

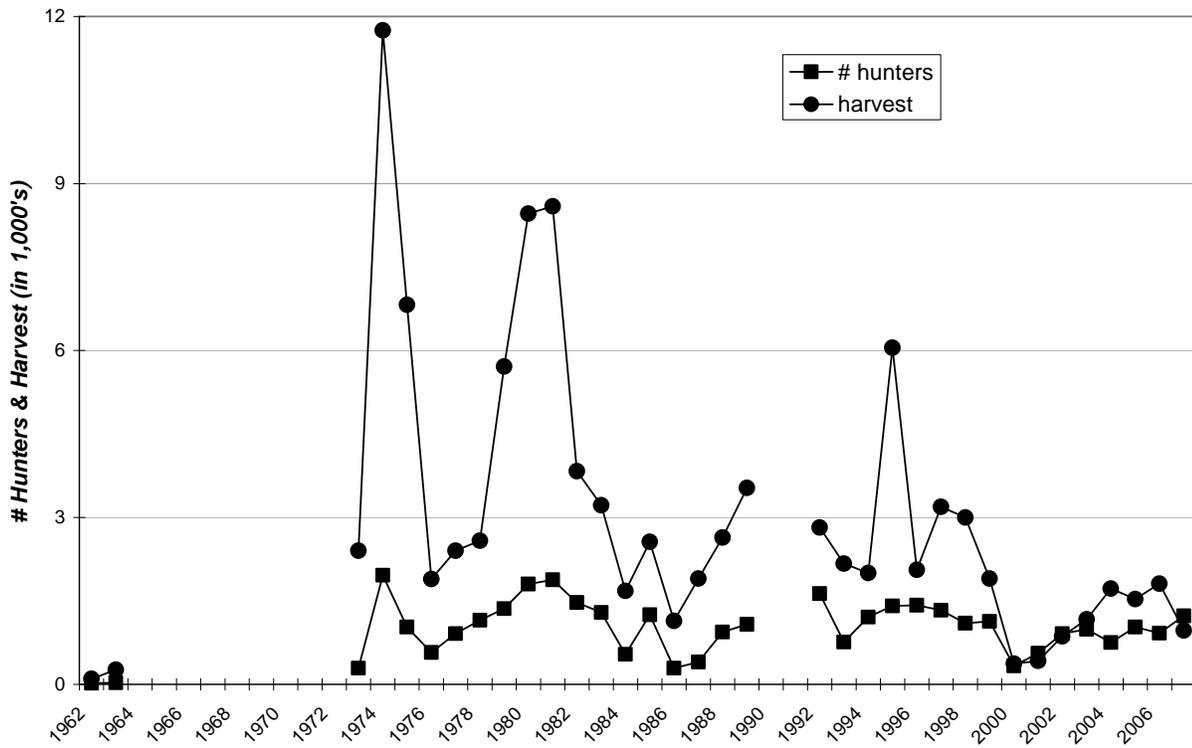
## Comparison of the 2000 - 2007 northern bobwhite harvests

Year	Resident Hunters				Nonresident Hunters			
	Number Hunters	Harvest	Ave Days Hunted	Ave Bag	Number Hunters	Harvest	Ave Days Hunted	Ave Bag
2000	157	283	3.60	1.80	172	86	10.83	0.50
2001	456	351	4.90	0.77	99	66	7.33	0.67
2002	441	653	5.26	1.48	469	202	5.21	0.43
2003	650	865	4.51	1.33	339	302	4.22	0.89
2004	376	737	5.32	1.96	377	980	4.60	2.60
2005	338	845	7.30	2.50	688	688	2.81	1.0
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

<b><u>NORTHERN BOBWHITE HARVEST PROJECTIONS FOR 2007</u></b>									
<i>Revised: 28 March 08</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>	37,446	42,867	7,873	7,884	<b>96,070</b>	103,863	3,512	<b>107,375</b>	
<b>Projected ACTIVE UPLAND BIRD HUNTERS</b>	<b>31,816</b>	<b>33,692</b>	<b>5,617</b>	<b>7,112</b>	<b>78,226</b>	<b>99,885</b>	<b>3,370</b>	<b>103,255</b>	
Number Sampled by Survey	2,828	3,320	598	646	<b>7,392</b>	7,385	238	<b>7,623</b>	
Number Responded to Survey	1,809	2,481	321	439	<b>5,050</b>	5,235	146	<b>5,381</b>	
Responded and Participated in Season	<b>1,537</b>	<b>1,950</b>	<b>229</b>	<b>396</b>	<b>4,112</b>	<b>5,151</b>	<b>142</b>	<b>5,293</b>	
Responded but DID NOT HUNT	272	531	92	43	<b>938</b>	84	4	<b>88</b>	
<b>Survey Response Rate</b>	<b>64.0%</b>	<b>74.7%</b>	<b>53.7%</b>	<b>68.0%</b>	<b>68.3%</b>	<b>70.9%</b>	<b>61.3%</b>	<b>70.6%</b>	
No. Hunters Reporting Bobwhite Days	6	29	6	0	<b>41</b>	23	0	<b>23</b>	
Sum Bobwhite Days	8	30	8	0	<b>46</b>	113	0	<b>113</b>	
Average Days Hunting Bobwhites	<b>1.33</b>	<b>1.03</b>	<b>1.33</b>	<b>0.00</b>	<b>1.12</b>	<b>4.91</b>	<b>0.00</b>	<b>4.91</b>	
Sum Bobwhites Bagged	3	8	14	0	<b>25</b>	25	0	<b>25</b>	
Average Season Bobwhite Bag	<b>0.50</b>	<b>0.28</b>	<b>2.33</b>	<b>0.00</b>	<b>0.61</b>	<b>1.09</b>	<b>0.00</b>	<b>1.09</b>	
<b>Projected Days Bobwhite Hunting</b>	<b>165</b>	<b>516</b>	<b>196</b>	<b>0</b>	<b>874</b>	<b>2,190</b>	<b>0</b>	<b>2,205</b>	
<b>Projected No. Bobwhite Hunters</b>	<b>124</b>	<b>501</b>	<b>147</b>	<b>0</b>	<b>780</b>	<b>446</b>	<b>0</b>	<b>449</b>	
<b>Projected Bobwhite Bag</b>	<b>62</b>	<b>140</b>	<b>343</b>	<b>0</b>	<b>476</b>	<b>486</b>	<b>0</b>	<b>489</b>	
	<b>TOTAL QUAIL HARVEST =</b>					<b>965</b>			
<b>Upland Bird Hunters Mean Satisfaction Score *</b>	5.35	5.46	5.18	5.34	5.39	6.00	5.96	6.00	

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

### STATEWIDE BOBWHITE HARVEST, 1962-2007



## **WATERFOWL**

In 2007, there were an estimated 21,101 active resident migratory bird hunters in South Dakota. From those, there were projected 18,758 active resident waterfowl hunters, and there were also 4,338 nonresident waterfowl hunters. Approximately 10% of the resident migratory bird certificate holders and 28% of the nonresident waterfowl license holders were sampled. The survey response rates were 73% for residents and 82% for nonresidents.

When asked their satisfaction on the season, (1 being least satisfied, 7 being most satisfied), waterfowl hunters reported an overall average rating of 4.83 for residents, and 5.05 for nonresidents.

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

Summary comparison of the 2000 - 2007 waterfowl seasons.

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

### **WATERFOWL HARVEST SUMMARY FOR 2007**

Last Revised: 28 Apr 08

	Resident	Non Residents
		<b>5,089</b>
<b>Resident Licenses Sold</b>	33,169	-
<b>Nonresident Season-long Licenses Sold</b>	-	250
<b>Nonresident 10-day Licenses Sold</b>	-	3,775
<b>Nonresident 3-day Licenses Sold</b>	-	1,064
<b>Projected ACTIVE MIGRATORY BIRD HUNTERS</b>	<b>21,101</b>	<b>4,342</b>
Number Sampled by Survey	2,948	1,484
Number Responded to Survey	2,152	1,213
Responded and Participated in Season	<b>1,369</b>	<b>1,035</b>
Responded but DID NOT HUNT	783	178
<b>Survey Response Rate</b>	<b>73.0%</b>	<b>81.7%</b>
No. Hunters Reporting Goose or Duck Days	1,217	1,034
<b>Projected Waterfowl Hunters - Ducks and Geese</b>	<b>18,758</b>	<b>4,338</b>
<b>TOTAL WATERFOWL HUNTERS = 23,096</b>		
<b>All Waterfowl Hunter Mean Satisfaction Score *1*</b>	4.83	5.05

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

<b>2007 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>
1	2	0	0	0	2	0.1%
2	0	0	0	0	0	
3	86	40	27	11	164	10.6%
4	11	1	2	0	14	0.9%
5	28	15	6	1	50	3.2%
6	15	8	2	1	26	1.7%
7	8	3	1	1	13	0.8%
8	6	1	1	1	9	0.6%
10	10	0	0	0	10	0.6%
11	6	15	0	0	21	1.4%
12	35	7	2	0	44	2.8%
13	13	4	0	0	17	1.1%
14	3	2	2	2	9	0.6%
15	1	0	0	0	1	0.1%
16	4	0	0	0	4	0.3%
17	25	11	1	0	37	2.4%
18	72	35	21	10	138	8.9%
19	4	1	2	0	7	0.5%
20	0	0	0	0	0	
22	192	86	22	8	308	19.9%
23	7	4	0	0	11	0.7%
24	0	1	0	0	1	0.1%
25	6	2	1	1	10	0.6%
26	5	3	4	2	14	0.9%
28	2	1	0	0	3	0.2%
29	5	0	0	1	6	0.4%
30	3	1	0	0	4	0.3%
32	21	17	9	2	49	3.2%
33	4	1	0	0	5	0.3%
34	0	0	0	0	0	
35	1	0	0	0	1	0.1%
36	11	47	4	3	65	4.2%
37	3	1	0	0	4	0.3%
40	4	1	0	0	5	0.3%
41	0	0	0	0	0	
42	23	16	6	2	47	3.0%
43	7	3	2	1	13	0.8%
45	14	11	1	1	27	1.7%
46	2	0	0	0	2	0.1%
47	15	11	2	1	29	1.9%
48	55	26	8	4	93	6.0%
50	1	0	0	0	1	0.1%
51	10	5	1	1	17	1.1%
52	1	0	1	0	2	0.1%
54	4	2	2	3	11	0.7%
55	76	49	5	4	134	8.7%
56	3	0	0	0	3	0.2%
57	11	4	2	1	18	1.2%
58	9	30	4	1	44	2.8%
59	16	13	5	3	37	2.4%
60	2	1	0	0	3	0.2%
62	4	3	1	0	8	0.5%
63	2	1	0	1	4	0.3%
67	0	1	0	0	1	0.1%
<b>TOTALS:</b>	<b>848</b>	<b>484</b>	<b>147</b>	<b>67</b>	<b>1,546</b>	<b>100.0%</b>

Last updated: 29 April 08

## **TUNDRA SWAN**

The 2007 tundra swan season was open from September 29 - December 17 in the following counties: Campbell, Walworth, Potter, Sully, Hughes, Hyde, Hand, Faulk, Spink, McPherson, Edmunds, Brown, Marshall, Roberts, Day, Grant, Codington, Clark, Hamlin, Deuel, Beadle, Kingsbury, Brookings, Buffalo, Jerauld, Brule, Aurora, Sanborn, Miner, Lake, Moody, Davison, Hanson, McCook, and Minnehaha. Harvest surveys were sent to all resident and nonresident hunters. Resident and nonresidents could purchase up to two licenses. To hunt swans, residents were required to hold a small game, 1-day small game, adult or junior combination, or youth small game license plus a migratory bird certification. Nonresidents were required to obtain a nonresident waterfowl license. All hunters age 16 and over were also required to obtain a federal waterfowl stamp. In addition, all hunters needed to apply for and receive a lottery-issued tundra swan license.

In 2007, there were 1,300 licenses available for the tundra swan season (1,100 residents, 200 nonresidents). A total of 1,064 licenses were sold (783 residents, 281 nonresidents). Ninety-two hunters purchased two licenses each. All licensed swan hunters were surveyed and the survey response rate was 80.1%. Approximately 17% of responding hunters used the Internet response system.

From the survey responses, there were a projected 144 swans harvested (not including cripples) during the 2007 season. There were a projected 19 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 satisfaction rating of 4.66 (4.8 residents, 4.4 nonresidents). From those who responded, 28% indicated they did not hunt for swans. Of the hunters who participated in the season, residents hunted an average of 5.0 days while nonresidents hunted 5.2 days. The average days hunted by all licenseholders (3.67 days) projected to a total of 3,905 recreation days for the season.

### Comparison of the 1997 – 2007 Tundra Swan seasons

Year	Licenses Sold			Harvest (w/o cripples)	Avg Days Hunted	Percent Success	Average Satisfaction
	Resident	Nonres	Total				
1997	958	119	1,077	403	2.98	37%	NA
1998	1,096	120	1,216	181	3.62	15%	4.44
1999	743	120	863	248	4.05	26%	4.54
2000	728	121	849	159	4.04	19%	4.83
2001	808	175	983	337	3.61	34%	4.99
2002	885	175	1,060	193	3.24	19%	4.72
2003	806	196	1,002	41	3.21	4%	4.07
2004	619	201	820	134	3.58	16%	4.61
2005	637	174	811	120	3.67	15%	4.62
2006	635	166	801	163	3.70	20%	4.94
2007	783	281	1,064	144	3.67	14%	4.66

### 2007 Tundra Swan Harvest Projections

Unit/Type	Licenses						Response Rate	Unit Success	Harvest Projections				Ave. Days Hunted	Ave. Satis- faction	
	Resident			Nonresident					Cripples **	Adults	Juvnles	Unk.			Total Harvest
	App. 1st Choice *	Available	Sold	App. 1st Choice *	Available	Sold									
00A-81	303	1,100	783	414	200	281	80.1%	14%	19	122	18	4	144	3.67	4.66

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

For those responding, 27.8% 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 2007

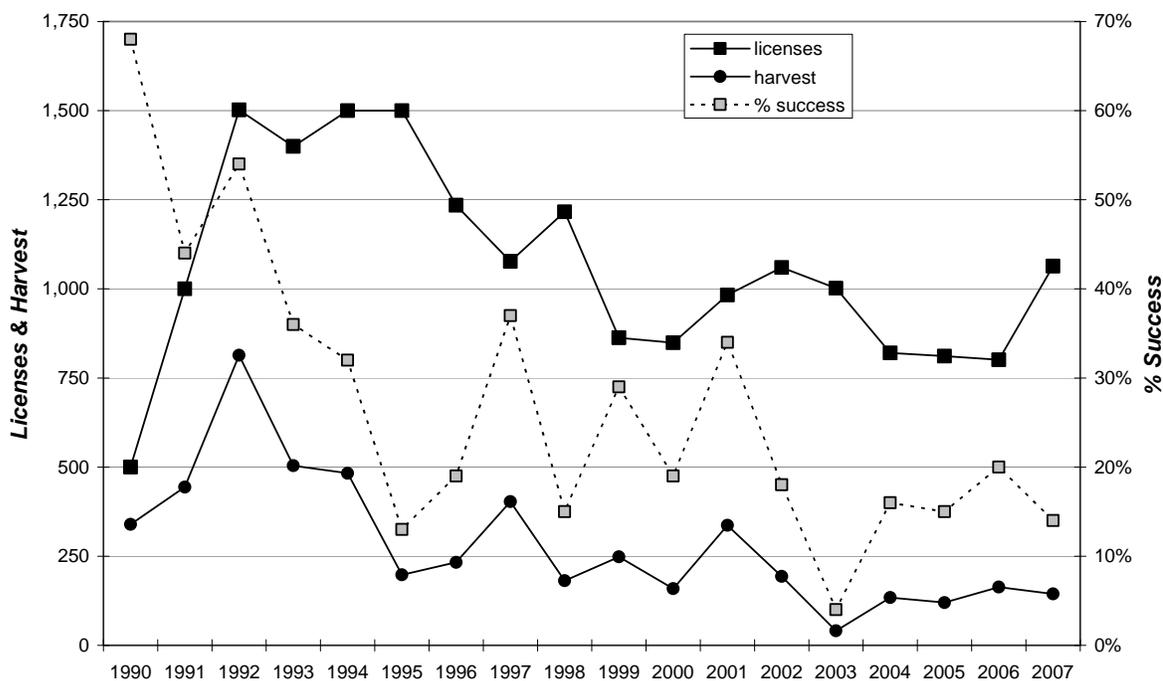
Month	Day	Rpt'd Harvest Number	% of Total Rpt Harvest	Month	Day	Rpt'd Harvest Number	% of Total Rpt Harvest
<b>September</b>	29	1	0.88%	<b>November</b>	8	1	0.88%
	30	0			9	4	3.51%
<b>October</b>	1	0		10	3	2.63%	
	2	0		11	2	1.75%	
	3	0		12	1	0.88%	
	4	0		13	0		
	5	0		14	3	2.63%	
	6	0		15	10	8.77%	
	7	0		16	4	3.51%	
	8	1	0.88%	17	7	6.14%	
	9	0		18	2	1.75%	
	10	0		19	0		
	11	0		20	9	7.89%	
	12	0		21	1	0.88%	
	13	0		22	3	2.63%	
	14	0		23	2	1.75%	
	15	0		24	0		
	16	1	0.88%	25	4	3.51%	
	17	1	0.88%	26	0		
	18	0		27	0		
	19	0		28	0		
	20	1	0.88%	29	0		
	21	0		30	1	0.88%	
22	0		<b>December</b>	1	0		
23	1	0.88%	2	0			
24	0		3	0			
25	1	0.88%	4	0			
26	3	2.63%	5	0			
27	5	4.39%	6	0			
28	3	2.63%	7	0			
29	3	2.63%	8	0			
30	1	0.88%	9	0			
31	4	3.51%	10	0			
<b>November</b>	1	6	5.26%	11	0		
	2	3	2.63%	12	0		
	3	4	3.51%	13	0		
	4	4	3.51%	14	0		
	5	3	2.63%	15	0		
	6	1	0.88%	16	0		
	7	3	2.63%	17	0		
<b>September Subtotal:</b>		<b>1</b>	<b>0.88%</b>				
<b>October Subtotal:</b>		<b>25</b>	<b>21.93%</b>				
<b>November Subtotal:</b>		<b>81</b>	<b>71.05%</b>				
<b>December Subtotal:</b>		<b>0</b>	<b>0.00%</b>				
<b>Unknown:</b>		<b>7</b>	<b>6.14%</b>				
<b>TOTAL REPORTED:</b>		<b>114</b>					

Last updated: 24 March 08

## 2007 Tundra Swan Harvest Summary By Residency

HARVEST SUMMARY						DISTRIBUTION OF REPORTED HARVEST BY COUNTY							
Residency	# License Holders	# Did Not Hunt	Ave. Days Hunted (if hunted)	Satisfaction	Success (not incl. Cripples)	Residents			Nonresidents				
						County	# Killed	% of Res. Kill	% of Total Kill	County	# Killed	% of Nonres. Kill	% of Total Kill
Resident	783	209 (26.7%)	5.0	4.8	14.5%	Brown	12	13.8%	10.8%	Brown	3	12.5%	2.7%
NonRes.	281	27 (9.6%)	5.2	4.4	10.5%	Codington	3	3.4%	3.4%	Codington	2	8.3%	1.8%
						Clark	34	39.1%	39.1%	Clark	4	16.7%	3.6%
						Clay	1	1.1%	1.1%	Clay	0		
						Day	13	14.9%	14.9%	Day	8	33.3%	7.2%
						Deuel	3	3.4%	3.4%	Deuel	0		
						Edmunds	1	1.1%	1.1%	Edmunds	1	4.2%	0.9%
						Grant	1	1.1%	1.1%	Grant	0		
						Hamlin	4	4.6%	4.6%	Hamlin	0		
						Kingsbury	3	3.4%	3.4%	Kingsbury	0		
						McPherson	7	8.0%	8.0%	McPherson	0		
						Marshall	1	1.1%	1.1%	Marshall	3	12.5%	2.7%
						Roberts	3	3.4%	3.4%	Roberts	2	8.3%	1.8%
						Spink	1	1.1%	1.1%	Spink	1	4.2%	0.9%
<b>Total</b>						<b>Total</b>	<b>87</b>	<b>100.0%</b>	<b>78.4%</b>	<b>Total</b>	<b>24</b>	<b>100.0%</b>	<b>21.6%</b>

## TUNDRA SWAN HARVEST, 1990-2007



## **DUCKS (all species)**

The 2007 duck season was open 29 September 2007 - 3 January 2008 statewide, although some units/zones may have opened later and/or closed sooner. Harvest surveys were sent to both resident and nonresident hunters. The daily bag was 5 ducks, which could include no more than 2 scaup, 2 redheads, 2 wood ducks, 1 hen mallard or 1 canvasback or 1 pintail. The daily limit on mergansers was 5, which could include no more than 2 hooded mergansers, and the daily limit on coots was 15. Possession was twice the daily bag for all species, not to exceed 10 ducks total. To hunt ducks, residents were required to hold small game, 1-day small game, adult or junior combination, or youth small game licenses plus a migratory bird certification. Nonresidents were required to obtain a nonresident waterfowl license. All hunters age 16 and over were also required to obtain a federal waterfowl stamp.

In 2007, there were an estimated 18,372 hunters who hunted at least one day for ducks (14,519 residents, 3,853 nonresidents). From the survey responses, there were a projected total of 228,486 ducks harvested (188,892 by residents, 39,594 by nonresidents). Nonresidents reported harvesting 12.5% of their ducks within 20 miles of the Missouri River. Average bag for residents was 13.01, 11.1 for nonresidents with the 10-day or season-long license, and 6.1 for nonresidents with the 3-day license.

When asked their satisfaction on the season, (1 being most dissatisfied, 7 being most satisfied), duck hunters reported an average satisfaction rating of 4.91 for residents and 5.04 for nonresidents.

The average days hunted by all hunters (7.12 residents, 4.62 10-day or season long nonresidents, and 2.60 3-day nonresidents) projected to a total of 119,893 recreation days for the season.

### Comparison of the 1996 - 2007 duck harvests

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

## **DUCK HARVEST SUMMARY FOR 2007**

Last Revised: 28 Apr 08

	Resident	Non Residents
No. Resident Hunters Reporting Duck Days	942	-
Total Reported Duck Hunted Days	6,703	-
<b>Average Days Hunted Ducks</b>	<b>7.12</b>	-
Total Reported Ducks Bagged	12,258	-
<b>Average Duck Bag for Season</b>	<b>13.01</b>	-
<b>Projected Days Duck Hunting</b>	<b>103,375</b>	-
<b>Projected No. Duck Hunters</b>	<b>14,519</b>	-
<b>Projected Duck Bag</b>	<b>188,892</b>	-
<b>TOTAL RESIDENT DUCK HARVEST = 188,892</b>		
<b>Nonresident 10-day and Season-long Licenses</b>		
No. Hunters Reporting Duck Days	-	714
Total Reported Duck Hunted Days	-	3,296
<b>Average Days Hunted Ducks</b>	-	<b>4.62</b>
Total Reported Ducks Bagged	-	7,923
<b>Average Duck Bag for Season</b>	-	<b>11.10</b>
<b>Projected Days Duck Hunting</b>	-	<b>14,867</b>
<b>Projected No. Duck Hunters</b>	-	<b>3,218</b>
<b>Projected Duck Bag</b>	-	<b>35,720</b>
Duck Harvest Reported Within 20 Miles of Missouri River	-	1,004
<b>Projected Ducks Bagged w/in 20 miles of Missouri River</b>	-	<b>4,526</b>
<b>Nonresident 3-day Licenses</b>		
No. Hunters Reporting Duck Days	-	191
Total Reported Duck Hunted Days	-	496
<b>Average Days Hunted Ducks</b>	-	<b>2.60</b>
Total Reported Ducks Bagged	-	1,166
<b>Average Duck Bag for Season</b>	-	<b>6.10</b>
<b>Projected Days Duck Hunting</b>	-	<b>1,651</b>
<b>Projected No. Duck Hunters</b>	-	<b>635</b>
<b>Projected Duck Bag</b>	-	<b>3,874</b>
Duck Harvest Reported Within 20 Miles of Missouri River	-	132
<b>Projected Ducks Bagged w/in 20 miles of Missouri River</b>	-	<b>439</b>
<b>TOTAL NONRESIDENT DUCK HARVEST = 39,594</b>		
<b>TOTAL DUCK HARVEST = 228,486</b>		

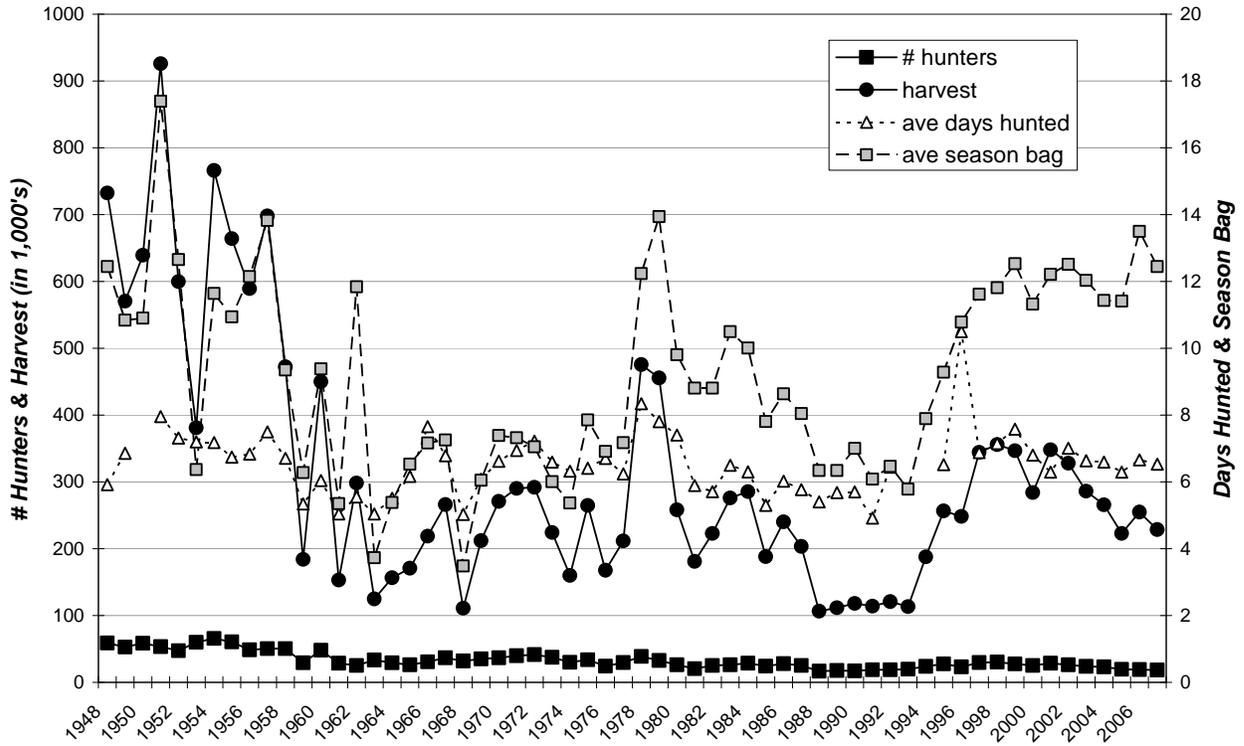
<b>Resident Duck Hunter Distribution by County 2007</b>				
<b>HUNTER DISTRIBUTION</b>				
<b>COUNTY</b>	<b># Reported</b>	<b># Projected</b>	<b>% of Total</b>	<b># Proj w/ Unk *</b>
Minnehaha	44	678	5.1	745
Pennington	8	123	0.9	135
Brown	59	909	6.9	999
Beadle	20	308	2.3	339
Codington	52	801	6.1	880
Brookings	49	755	5.7	830
Yankton	10	154	1.2	169
Davison	4	62	0.5	68
Lawrence	6	92	0.7	101
Aurora	10	154	1.2	169
Bennett	9	139	1.1	153
Bon Homme	17	262	2.0	288
Brule	5	77	0.6	85
Buffalo	0	0	0.0	0
Butte	7	108	0.8	119
Campbell	4	62	0.5	68
Charles Mix	11	170	1.3	187
Clark	39	601	4.5	661
Clay	5	77	0.6	85
Corson	1	15	0.1	16
Day	78	1,202	9.1	1,321
Deuel	16	247	1.9	271
Dewey	4	62	0.5	68
Edmunds	4	62	0.5	68
Fall River	8	123	0.9	135
Faulk	2	31	0.2	34
Grant	9	139	1.1	153
Gregory	3	46	0.3	51
Haakon	0	0	0.0	0
Hamlin	39	601	4.5	661
Hand	1	15	0.1	16
Hanson	8	123	0.9	135
Harding	1	15	0.1	16
Hughes	25	385	2.9	423
Hutchinson	2	31	0.2	34
Jackson	1	15	0.1	16
Jerauld	3	46	0.3	51
Jones	1	15	0.1	16
Kingsbury	47	724	5.5	796
Lake	54	832	6.3	915
Lincoln	5	77	0.6	85
Lyman	4	62	0.5	68
McCook	28	432	3.3	475
McPherson	20	308	2.3	339
Marshall	30	462	3.5	508
Meade	3	46	0.3	51
Mellette	1	15	0.1	16
Miner	10	154	1.2	169
Moody	6	92	0.7	101
Perkins	6	92	0.7	101
Potter	3	46	0.3	51
Roberts	31	478	3.6	525
Sanborn	8	123	0.9	135
Spink	6	92	0.7	101
Stanley	3	46	0.3	51
Sully	9	139	1.1	153
Tripp	2	31	0.2	34
Turner	10	154	1.2	169
Union	3	46	0.3	51
Walworth	3	46	0.3	51
Ziebach	0	0	0.0	0
Unk/Unreported	85	1,310	-	-
<b>TOTALS:</b>	<b>942</b>	<b>14,519</b>	<b>100%</b>	<b>14,511</b>

*Last Revised: 26 June 07*

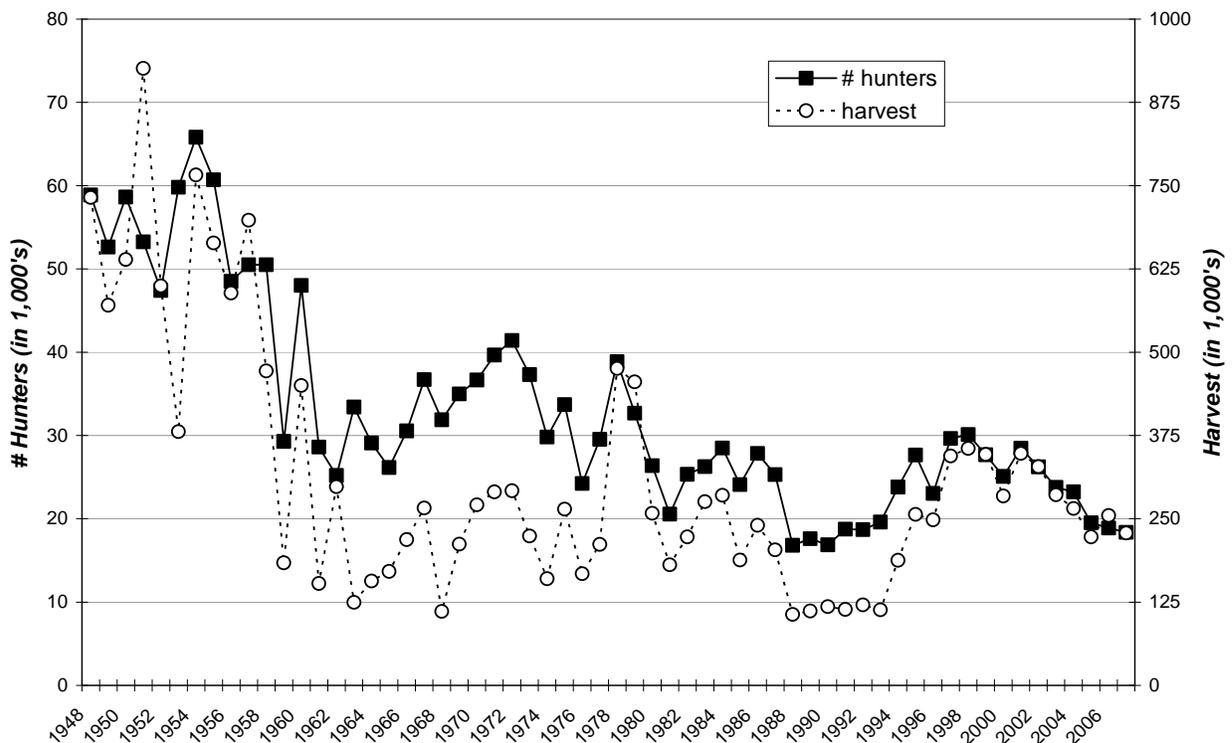
*\* Includes unknown county projection values by assuming unknown county values are distributed the same as reported county values. Total values may be different due to rounding.*

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

### STATEWIDE DUCK (all species) HARVEST, 1948-2007



### STATEWIDE DUCK SEASON PARTICIPATION, 1948-2007



## **CANADA GEESE (all seasons)**

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

The 2007 Canada goose season was open from 27 October 2007 - 8 February 2008 statewide, although some units may have opened later and/or closed sooner. Harvest surveys were sent to both resident and nonresident hunters. The daily bag was 5 geese prior to 29 September; after then it was 3 geese. Possession was twice the daily bag. Resident hunters were separately licensed for one Special Canada goose unit in Bennett County. To hunt geese, residents were required to hold small game, 1-day small game, adult or junior combination or youth small game licenses plus a migratory bird certification. Nonresidents were required to obtain a nonresident waterfowl license. All hunters age 16 and over were also required to obtain a federal waterfowl stamp. Special Canada goose season hunters were required to apply for and receive Special Canada goose season licenses.

In 2007, there were a projected 16,375 hunters who hunted at least one day for Canada geese (14,026 residents, 2,349 nonresidents). From the survey responses, there were a projected total of 100,783 Canada geese harvested (94,535 by residents, 6,248 by nonresidents). Average Canada goose bag for residents was 6.47, for nonresidents 2.66.

When asked their satisfaction on the season, (1 being least satisfied, 7 being most satisfied), Canada goose hunters reported an average rating of 4.81 for residents and 5.21 for nonresidents. The average days hunted by all hunters (7.24 residents, 3.82 nonresidents) projected to a total of 110,521 recreation days for the season.

Comparison of the 2000 - 2007 Canada goose harvests:

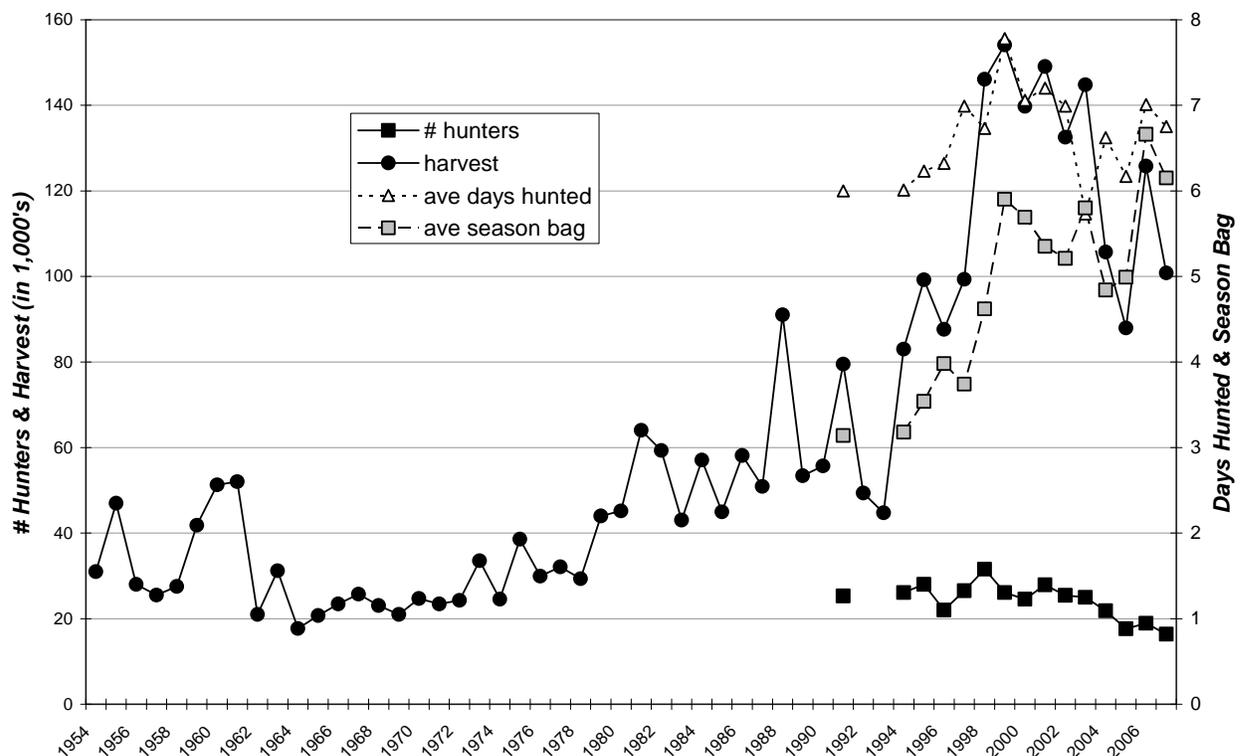
Year	<i>Resident Hunters</i>					<i>Nonresident Hunters</i>				
	<i>Number Hunters</i>	<i>Harvest</i>	<i>Ave Day Hunted</i>	<i>Ave Bag</i>	<i>Satisfaction</i>	<i>Number Hunters</i>	<i>Harvest</i>	<i>Ave Day Hunted</i>	<i>Ave Bag</i>	<i>Satisfaction</i>
2000	21,863	132,053	7.50	6.04	4.48	2,493	7,130	3.89	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

## CANADA GOOSE HARVEST PROJECTIONS FOR 2007

Last Revised: 28 Apr 08

	Resident	Non Residents
No. Hunters Reporting Goose Days	958	595
<b>Projected No. Goose Hunters</b>	<b>14,766</b>	<b>2,496</b>
Geese Reported w/i 20 miles of Missouri River	1,632	554
<b>Projected Geese Bagged w/in 20 miles of Missouri River</b>	<b>25,154</b>	<b>2,324</b>
<b>TOTAL GOOSE HUNTERS = 17,262</b>		
<b>All Seasons:</b>		
No. Hunters Reporting Canada Goose Days	910	560
Total Reported Canada Goose Hunted Days	6,591	2,137
<b>Average Days Hunted Canada Geese</b>	<b>7.24</b>	<b>3.82</b>
Total Reported Canada Geese Bagged	6,133	1,492
<b>Average Canada Goose Bag for Season</b>	<b>6.74</b>	<b>2.66</b>
<b>Projected Days Canada Goose Hunting</b>	<b>101,548</b>	<b>8,973</b>
<b>Projected No. Canada Goose Hunters</b>	<b>14,026</b>	<b>2,349</b>
<b>Projected Canada Goose Bag</b>	<b>94,535</b>	<b>6,248</b>
<b>TOTAL CANADA GOOSE HARVEST = 100,783</b>		
<b>Canada Goose Hunter Mean Satisfaction Score *1*</b>	4.81	5.21
<small>*1* Based on scale of 1-7 with 1=very dissatisfied &amp; 7=very satisfied</small>		

STATEWIDE CANADA GOOSE (all seasons) HARVEST, 1954-2007



## **EARLY FALL CANADA GOOSE**

The 2007 Early Fall Canada goose season was open from 8-28 September in Unit 1 counties specified in the 2007 hunting guide, which included most of the state. However, nonresidents were prohibited from hunting in the Unit 1 counties of Beadle, Brookings, Hanson, Kingsbury, Lake, Lincoln, McCook, Miner, Minnehaha, Moody, Sanborn, Turner and Union during these dates. The daily bag limit was 5 geese and possession was double the daily bag. To hunt geese, residents were required to hold small game, 1-day small game, adult or junior combination, or youth small game licenses plus a migratory bird certification. Nonresidents were required to obtain a nonresident waterfowl license. All hunters age 16 and over were also required to obtain a federal waterfowl stamp.

In 2007, there were 33,471 hunters licensed to hunt the Early Fall Canada goose season (33,169 residents, 302 nonresidents). About 9% (2,948) of the resident hunters and 80% (243) of the nonresident hunters were surveyed. The survey response rates were 73% for residents and 81% for nonresidents.

In 2007, there were a projected 5,876 hunters who hunted at least one day in Unit 1 during the Early Fall season. From the survey responses, there were a projected 26,698 geese harvested from Sept. 8-28 in Unit 1.

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

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

### Comparison of the 1997 - 2007 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

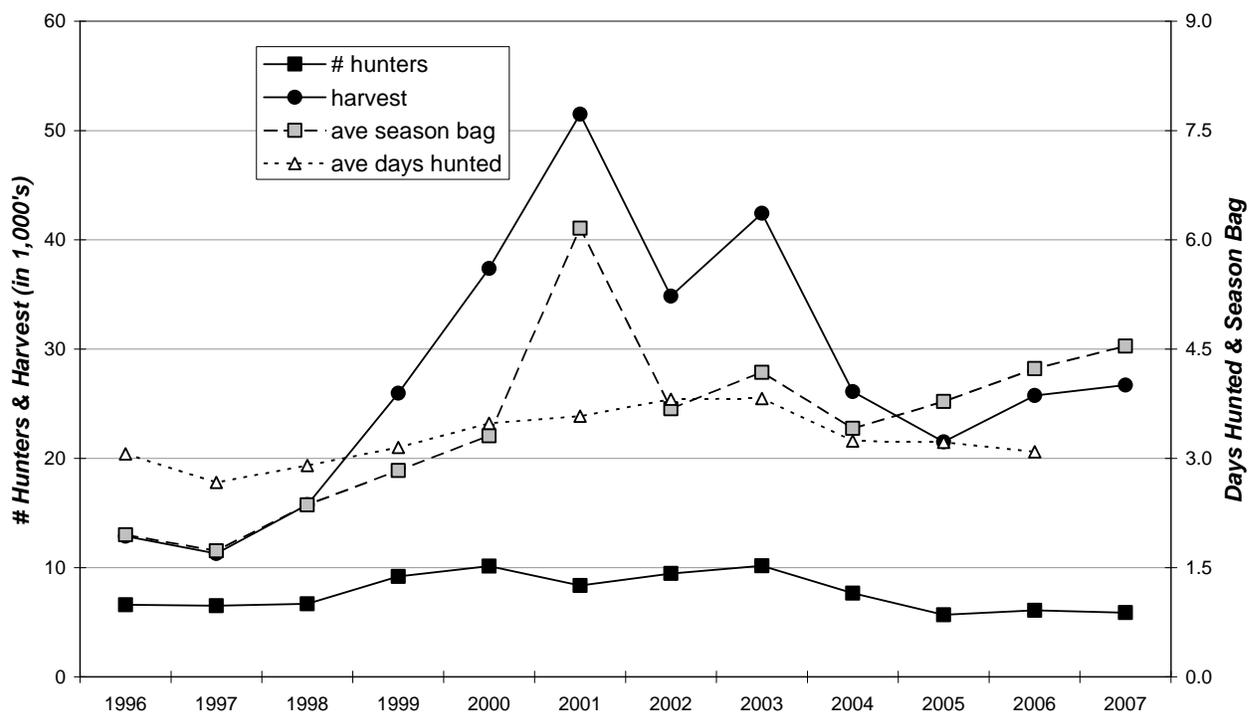
### EARLY FALL CANADA GOOSE HARVEST PROJECTIONS FOR 2007

Last Revised: 28 Apr 08

	Resident	Non Residents
<b>EARLY FALL CANADA GOOSE SEASON Licenses Sold</b>	<b>33,169</b>	<b>302</b>
Number Sampled by Survey	2,948	243
Number Responded to Survey	2,152	196
Responded and Participated in Season	<b>365</b>	<b>162</b>
Responded but DID NOT HUNT	1,787	34
<b>Survey Response Rate</b>	<b>73.0%</b>	<b>80.7%</b>
No. Hunters Reporting Canada Goose Days	365	162
Total Reported Canada Goose Hunted Days	UNK	632
<b>Average Days Hunted Canada Geese</b>	<b>UNK</b>	<b>3.90</b>
Total Reported Canada Geese Bagged	1,631	1,005
<b>Average Canada Goose Bag for Season</b>	<b>4.47</b>	<b>6.20</b>
Projected Days Canada Goose Hunting	UNK	975
Projected No. Canada Goose Hunters	5,626	250
Projected Canada Goose Bag	25,148	1,550
<b>TOTAL CANADA GOOSE HARVEST EARLY FALL SEASON = 26,698</b>		
<b>Canada Goose Hunter Mean Satisfaction Score *2*</b>	4.99	5.67

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

### EARLY FALL CANADA GOOSE HARVEST, 1996-2007



# **SPECIAL CANADA GOOSE**

The 2007 Special Unit Canada goose season was open from 20 October to 16 December 2007 in Bennett County. To hunt this resident-only season, hunters were required to hold small game, 1-day small game, adult or junior combination or youth small game licenses plus a migratory bird certification, and for those hunters age 16 and over, a federal waterfowl stamp. Additionally, hunters must have applied for and received a Special Canada goose tag for that specific unit. Hunters that successfully drew a license were allowed to harvest a total of 3 geese for the season.

In 2007, there were 800 residents licensed to hunt the Special Canada goose season. All license holders were surveyed and the survey response rate was 85%. Approximately 15% of responding hunters used the Internet response system.

From the survey responses, there were an estimated 1,016 Canada geese harvested for an average Canada goose bag of 1.27. When asked their satisfaction on the season, (1 being least satisfied, 7 being most satisfied), Special Season hunters reported an average rating of 5.68.

<b><u>SPECIAL RESIDENT CANADA GOOSE HARVEST 2007</u></b>	
<i>Last Revised: 14 Feb 08</i>	
	<b>Resident</b>
<b>SPECIAL CANADA GOOSE SEASON Licenses Sold</b>	<b>800</b>
Number Sampled by Survey	792
Number Responded to Survey	674
Responded and Participated in Season	<b>455</b>
Responded but DID NOT HUNT	219
<b>Survey Response Rate</b>	<b>85.1%</b>
Total Reported Canada Goose Hunted Days	781
<b>Average Days Hunted Canada Geese</b>	<b>1.16</b>
Total Reported Canada Geese Bagged	854
<b>Average Canada Goose Bag for Season</b>	<b>1.27</b>
<b>Projected Days Canada Goose Hunting</b>	<b>928</b>
<b>Projected No. Canada Goose Hunters</b>	<b>540</b>
<b>Projected Canada Goose Bag</b>	<b>1,016</b>
<b>Special Canada Goose Hunter Mean Satisfaction Score *1*</b>	5.68
<b>TOTAL CANADA GOOSE HARVEST SPECIAL SEASON = 1,016</b>	

## **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 2007 light goose season covered 29 September - 23 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 2007, there were an estimated 5,131 hunters who hunted at least one day for light geese during the regular season (4,377 residents, 754 nonresidents). Harvest surveys were sent to both resident and nonresident hunters. From survey responses, there was a projected harvest of 47,023 light geese (44,120 by residents, 2,903 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 4.9 for residents and 4.97 for nonresidents. The average days hunted by all hunters (6.03 residents, 4.23 for nonresidents) projected to a total of 29,585 recreation days for the season.

Comparison of the 2000 - 2007 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

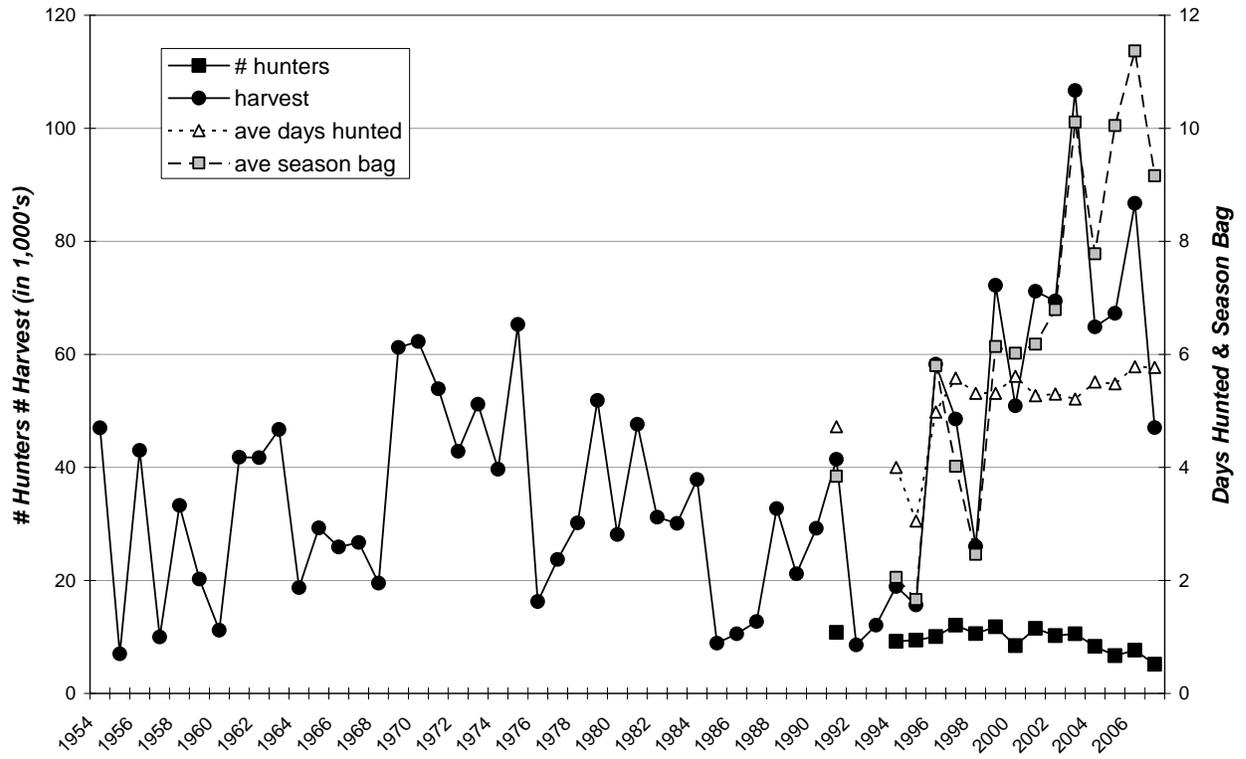
**REGULAR LIGHT GOOSE HARVEST PROJECTIONS FOR 2007**

Last Revised: 28 Apr 08

	Resident	Non Residents
<b>Residents, Regular Season:</b>		
No. Hunters Reporting Light Goose Days	284	-
Total Reported Light Goose Hunted Days	1,713	-
<b>Average Days Hunted Light Geese</b>	<b>6.03</b>	-
Total Reported Light Geese Bagged	2,863	-
<b>Average Light Goose Bag for Season</b>	<b>10.08</b>	-
<b>Projected Days Light Goose Hunting</b>	<b>26,393</b>	-
<b>Projected No. Light Goose Hunters</b>	<b>4,377</b>	-
<b>Projected Light Goose Bag</b>	<b>44,120</b>	-
<b>TOTAL RESIDENT LIGHT GOOSE HARVEST REGULAR SEASON = 44,120</b>		
<b>Nonresident 10-day and Season-long Licenses</b>		
No. Hunters Reporting Light Goose Days	-	140
Total Reported Light Goose Hunted Days	-	630
<b>Average Days Hunted Light Geese</b>	-	<b>4.50</b>
Total Reported Light Geese Bagged	-	562
<b>Average Light Goose Bag for Season</b>	-	<b>4.01</b>
<b>Projected Days Light Goose Hunting</b>	-	<b>2,840</b>
<b>Projected No. Light Goose Hunters</b>	-	<b>631</b>
<b>Projected Light Goose Bag</b>	-	<b>2,530</b>
<b>Nonresident 3-day Licenses</b>		
No. Hunters Reporting Light Goose Days	-	37
Total Reported Light Goose Hunted Days	-	106
<b>Average Days Hunted Light Geese</b>	-	<b>2.86</b>
Total Reported Light Geese Bagged	-	112
<b>Average Light Goose Bag for Season</b>	-	<b>3.03</b>
<b>Projected Days Light Goose Hunting</b>	-	<b>352</b>
<b>Projected No. Light Goose Hunters</b>	-	<b>123</b>
<b>Projected Light Goose Bag</b>	-	<b>373</b>
<b>TOTAL NONRESIDENT LIGHT GOOSE HARVEST REGULAR SEASON = 2,903</b>		
<b>TOTAL LIGHT GOOSE HARVEST REGULAR SEASON = 47,023</b>		
<b>Light Goose Hunter Mean Satisfaction Score *1*</b>	4.9	4.97

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

STATEWIDE REGULAR SEASON LIGHT GOOSE HARVEST, 1954-2007



# **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 2007 Light Goose Conservation Order covered 10 February - 8 May statewide. This was the 9<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 2007, there were a projected 5,288 licenseholders who hunted at least one day for light geese during the conservation order dates (2,480 residents, 2,808 nonresidents). From the survey responses, there were a projected total of 96,555 light geese harvested.

The average days hunted by all hunters projected to a total of 23,293 recreation days for the conservation order. The average season bag from hunters reporting use of electronic callers was 27.1 for residents and 20.1 for nonresidents. The average season bag for hunters reporting after sunset hunting was 18.2 for residents and 17.6 for nonresidents. Approximately 5.9% of resident hunters and 11.2% of nonresident hunters reached the daily bag limit at least once.

Comparison of the 1999 - 2007 Conservation Order light geese harvests:

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

**CONS. ORDER LIGHT GOOSE HARVEST PROJECTIONS FOR 2007**

Last Revised: 20 August 07

	Resident	Non Residents
<b>CONSERVATION ORDER LIGHT GOOSE Licenses Sold *3*</b>	11,824	3,013
<b>Projected ACTIVE CONS ORDER LIGHT GOOSE HUNTERS</b>	<b>2,480</b>	<b>2,808</b>
Number Sampled for Survey	3,164	586
Number Responded to Survey	2,269	412
Responded and Participated in Season	<b>476</b>	<b>384</b>
Responded but DID NOT HUNT	1,793	28
<b>Survey Response Rate</b>	<b>71.7%</b>	<b>70.3%</b>
<b>TOTAL LIGHT GOOSE HARVEST CONSERVATION ORDER = 96,555</b>		
Late Season (Conservation Order) 2/10 - 3/10 Period:		
No. Hunters Reporting Light Goose Days	259	72
Total Reported Light Goose Hunted Days	1,024	212
<b>Average Days Hunted Light Geese</b>	<b>3.95</b>	<b>2.94</b>
Total Reported Light Geese Bagged	2,134	1,206
<b>Average Light Goose Bag for Season</b>	<b>8.24</b>	<b>16.75</b>
<b>Projected Days Light Goose Hunting</b>	<b>5,333</b>	<b>1,549</b>
<b>Projected No. Light Goose Hunters</b>	<b>1,350</b>	<b>527</b>
<b>Projected Light Goose Bag</b>	<b>11,124</b>	<b>8,827</b>
<b>TOTAL LIGHT GEESE HARVESTED 2/1 - 3/10 = 19,951</b>		
Late Season (Conservation Order) 3/11 - 5/8 Period:		
No. Hunters Reporting Light Goose Days	337	329
Total Reported Light Goose Hunted Days 3/11-5/8	1,532	1,152
<b>Average Days Hunted Light Geese 3/11-5/8</b>	<b>4.55</b>	<b>3.50</b>
Total Reported Light Geese Bagged	5,415	6,616
<b>Average Light Goose Bag for Season</b>	<b>16.07</b>	<b>20.11</b>
<b>Projected Days Light Goose Hunting</b>	<b>7,990</b>	<b>8,421</b>
<b>Projected No. Light Goose Hunters</b>	<b>1,756</b>	<b>2,406</b>
<b>Projected Light Goose Bag</b>	<b>28,219</b>	<b>48,385</b>
<b>TOTAL LIGHT GEESE HARVESTED 3/11 - 5/8 = 76,604</b>		
Reported Number of Hunters Using Electronic Callers	109	257
Reported Harvest by Hunters Using Electronic Callers	2,950	5,158
Reported Number of Hunters Using Unplugged Shotguns	247	284
Reported Number of Hunters Hunting After Sunset	96	97
Reported Harvest by Hunters Hunting After Sunset	1,749	1,704
<b>Projected Number of Hunters Using Electronic Callers</b>	<b>568</b>	<b>1,879</b>
<b>Average Season Bag for Hunters Using Electronic Callers</b>	<b>27.06</b>	<b>20.07</b>
<b>Projected Harvest by Hunters Using Electronic Callers</b>	<b>15,370</b>	<b>37,712</b>
<b>Projected Number of Hunters Using Unplugged Shotguns</b>	<b>1,287</b>	<b>2,077</b>
<b>Projected Number of Hunters Hunting After Sunset</b>	<b>500</b>	<b>709</b>
<b>Average Season Bag for Hunters Hunting After Sunset</b>	<b>18.22</b>	<b>17.57</b>
<b>Projected Harvest by Hunters Hunting After Sunset</b>	<b>9,110</b>	<b>12,457</b>

\*3\* Numbers of resident licenses available are based on the number of migratory bird certificates in the 2007 database purchased prior to April

# WHITE-FRONTED GEESE

The 2007 white-fronted goose season was open from 29 September - 23 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 2007, there were a projected 1,328 hunters who hunted at least one day for white-fronted geese (971 residents, 357 nonresidents). From the survey responses, there was a projected total of 853 white-fronted geese harvested (757 by residents and 96 by nonresidents).

Comparison of the 1999 - 2007 white-fronted goose harvests:

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

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.

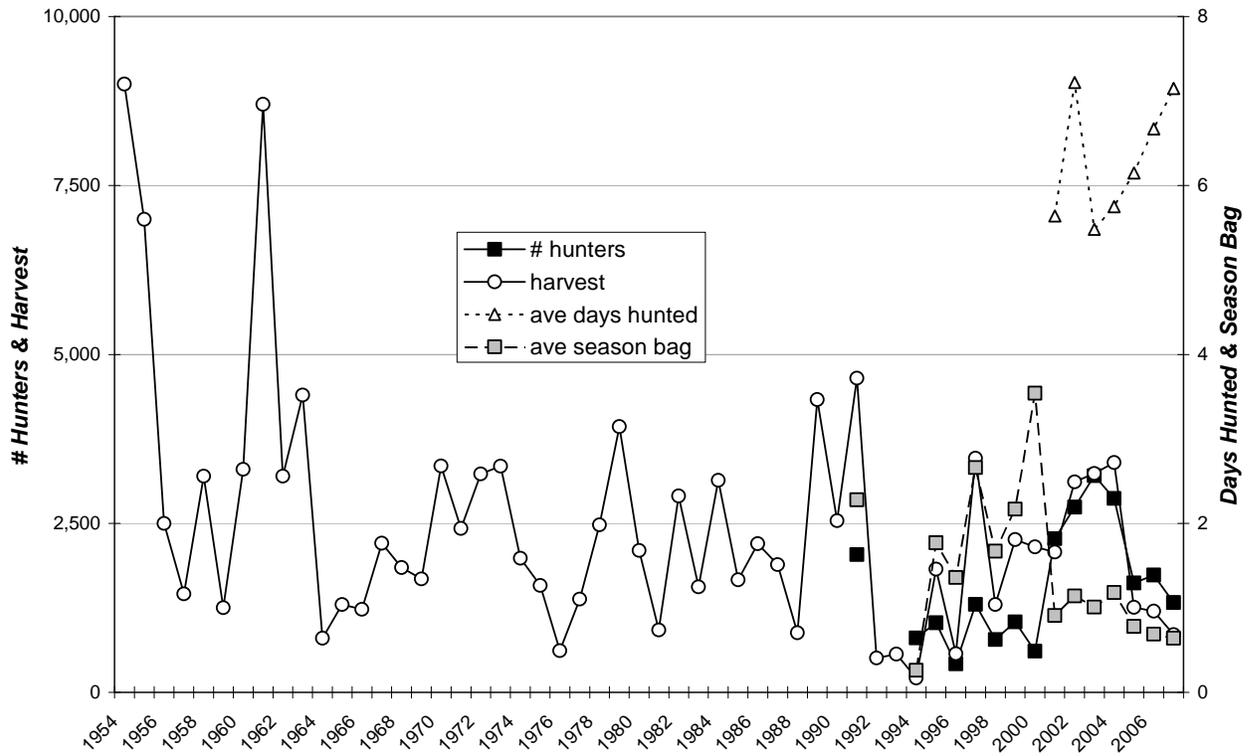
## WHITE-FRONTED GOOSE HARVEST PROJECTIONS FOR 2007

Last Revised: 28 Apr 08

	Resident	Non Residents
No. Hunters Reporting White-fronted Goose Days	63	85
Total Reported White-fronted Goose Hunted Days	504	410
<b>Average Days Hunted White-fronted Geese</b>	<b>8.00</b>	<b>4.82</b>
Total Reported White-fronted Geese Bagged	49	23
<b>Average White-fronted Goose Bag for Season</b>	<b>0.78</b>	<b>0.27</b>
Projected Days White-fronted Hunting	7,768	1,721
Projected No. White-fronted Goose Hunters	971	357
Projected White-fronted Goose Bag	757	96
<b>TOTAL WHITE-FRONTED GOOSE HARVEST = 853</b>		
White-fronted Goose Hunter Mean Satisfaction Score *1*	5.1	5.05

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

**STATEWIDE WHITE-FRONTED GOOSE HARVEST, 1954-2007**



# **MOURNING DOVE**

The 2007 mourning dove season covered 1 September -30 October statewide. Harvest surveys were sent to resident and nonresident hunters. The daily limit was 15 birds, possession 30. To hunt doves, residents were required to hold a small game, 1-day small game, adult or junior combination, or youth small game license; nonresidents were required to obtain a nonresident small game, nonresident youth small game, or nonresident shooting preserve license. All hunters were also required to purchase a Migratory Bird Certificate.

In 2007, 33,169 resident and 107,375 nonresident licenses were issued to hunt doves. Approximately 9% of the resident migratory bird hunters and nonresident small game hunters were surveyed for the mourning dove season. Survey response rates were 73% for residents and 71% for nonresidents.

Based on survey responses indicating at least one day of hunting doves, there were an estimated 8,161 active dove hunters.

From the survey responses, a projected total of 135,868 doves were harvested during the 2007 season. When asked their satisfaction on the season, (1 being least, 7 being most satisfied), resident dove hunters reported an average satisfaction rating of 4.98, nonresidents 5.79.

## Summary comparison of the 2000 - 2007 mourning dove seasons

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

## **MOURNING DOVE HARVEST PROJECTIONS FOR 2007**

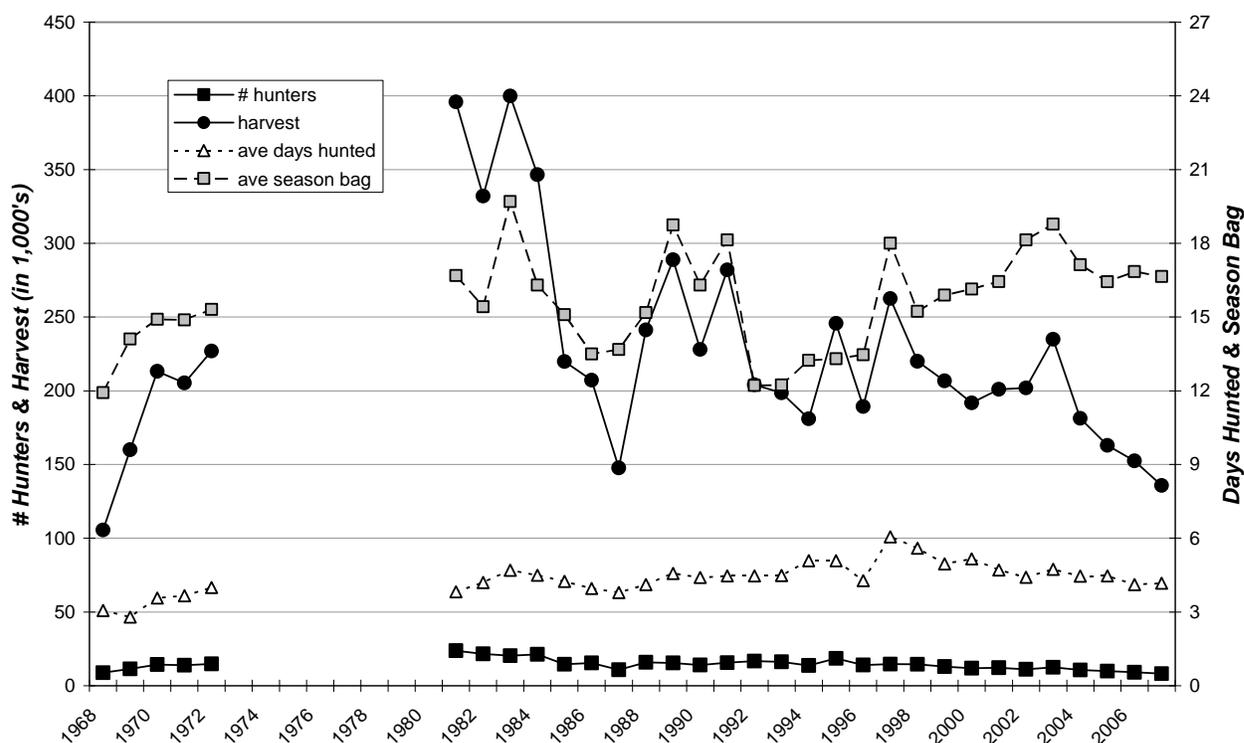
Last Revised: 9 May 2008

	Resident	Non Residents
<b>Licenses Sold *</b>	33,169	107,375
<b>Projected ACTIVE MOURNING DOVE HUNTERS</b>	<b>7,722</b>	<b>439</b>
Number Sampled by Survey	2,948	7,623
Number Responded to Survey	2,152	5,381
Responded and Participated in Season	501	22
Responded but DID NOT HUNT	<b>1,651</b>	<b>5,359</b>
<b>Survey Response Rate</b>	<b>73.0%</b>	<b>70.6%</b>
No. Hunters Reporting Dove Days	501	22
Total Reported Dove Hunted Days	2,097	85
<b>Average Days Hunted Doves</b>	<b>4.19</b>	<b>3.86</b>
Total Reported Doves Bagged	8,119	536
<b>Average Dove Bag for Season</b>	<b>16.21</b>	<b>24.36</b>
<b>Projected Days Dove Hunting</b>	<b>32,355</b>	<b>1,695</b>
<b>Projected No. Dove Hunters</b>	<b>7,722</b>	<b>439</b>
<b>Projected Dove Bag</b>	<b>125,174</b>	<b>10,694</b>
<b>Avg Days Hunted</b>		<b>4.17</b>
<b>TOTAL DOVE HARVEST =</b>	<b>135,868</b>	
<b>Dove Hunter Mean Satisfaction Score *1*</b>	4.98	5.79

\* Nonresident number represents total number of small game licensees.

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

### STATEWIDE MOURNING DOVE HARVEST, 1968-2007



# 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.

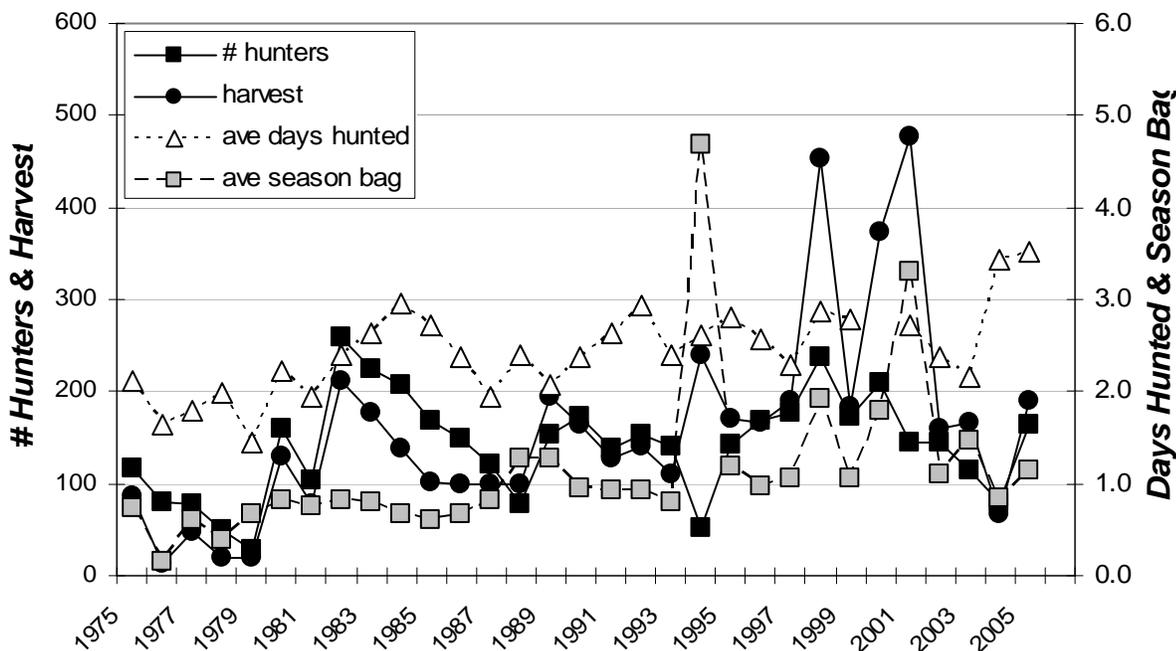
The 2007 sandhill crane season covered 22 September -18 November west of US 281. The daily limit was 3 birds, possession 6. To hunt cranes, residents were required to hold small game, 1-day small game, adult or junior combination, or youth small game licenses plus a migratory bird certification. Nonresidents were required to obtain a nonresident waterfowl, a nonresident small game, or a nonresident youth small game license plus a migratory bird certification. All hunters were also required to obtain a free Federal Crane Permit.

Comparison of the 2000 - 2007 sandhill crane harvests

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

\*Note: 2006 and 2007 estimates were not available at the time of printing.

## STATEWIDE SANDHILL CRANE HARVEST 1975-2005





## **AMERICAN COOT**

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

The 2007 coot season covered 29 September 2007 - 3 January 2008 statewide, although some units may have opened later and/or closed sooner. The daily limit was 15 birds, possession 30. To hunt coots, residents were required to hold small game, 1-day small game, adult or junior combination, or youth small game licenses plus a migratory bird certification. Nonresidents were required to obtain a nonresident waterfowl license. All hunters age 16 and over were also required to obtain a federal waterfowl stamp.

### Comparison of the 2000 - 2007 coot harvests

<i>Year</i>	<i>Number of Hunters</i>	<i>Harvest</i>	<i>Ave Days Hunted</i>	<i>Ave Season Bag</i>
2000	unavail	700	unavail	unavail
2001*	<50	0	<1	0
2002*	100	100	1	1
2003*	500	100	2.2	0.2
2004*	400	9,700	2.0	24
2005*	300	5,300	10.3	16.3
2006*	300	700	1.67	2.1
2007	**			

\*Note: 2001, 2002, 2003, 2004, 2005 and 2006 estimates are preliminary.

\*\*2007 estimates were not available at the time of printing.

## **COMMON SNIPE**

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

The 2007 snipe season covered 1 September - 31 October statewide. The daily limit was 5 birds, possession 15. To hunt snipe, residents were required to hold small game, 1-day small game, adult or junior combination, or youth small game licenses plus a migratory bird certification. Nonresidents were required to obtain a nonresident waterfowl license.

### Comparison of the 2000 – 2007 snipe harvests

<i>Year</i>	<i>Number of Hunters</i>	<i>Harvest</i>	<i>Ave Days Hunted</i>	<i>Ave Season Bag</i>
2000	200	300	unavail	1.50
2001*	50	0	10	0
2002*	50	100	2	2
2003*	500	1,000	1	2
2004*	400	900	1.25	2.25
2005*	300	100	3.3	0.2
2006	<50	200	2	6.2
2007	**			

\*Note: 2001, 2002, 2003, 2004, 2005 and 2006 estimates are preliminary.

\*\*2007 estimates were not available at the time of printing.

## 2007 Harvest Survey Response Rates

Survey Title	Overall Response*	Proportion	
		Internet	Mail-return
Resident Small Game	70.5%	20.6%	79.4%
Resident Migratory Bird	74.1%	17.7%	82.3%
Nonresident Small Game	72.4%	18.0%	82.0%
Nonresident Waterfowl	83.4%	15.3%	84.7%
Nonresident Early Fall Canada Goose	80.7%	21.9%	78.1%
Special Canada Goose	85.6%	15.3%	84.7%
Spring Light Goose	72.7%	16.6%	83.4%
Tundra Swan	81.1%	16.4%	83.6%

**\*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.