South Dakota GAME REPORT

No. 2019 – 02

2018

Annual Report

SMALL GAME, UPLAND BIRD & MIGRATORY GAME BIRD HARVEST PROJECTIONS

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PREFACE

Harvest estimates reported herein for the 2018 small game, upland bird, and migratory bird seasons were developed as described in Wildlife Survey Manual, 2009-2015, South Dakota Department of Game, Fish and Parks. If species specific methodologies are not reported there, the methodologies are presented within this report.

Corey Huxoll, (Division of Wildlife, Office of Wildlife Administration - Planning - Surveys Section), was responsible for development of these harvest estimates as part of Federal Aid for Wildlife Restoration as Project W-95-R. Electronic harvest survey responses were received through the Internet using Qualtrics® Survey Software and the GFP Survey Response Website. Paper surveys were processed and encoded by Erin Moehring and Dana Ertz.

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Statewide Combined Harvest

2018 Statewide Small Game, Upland Bird & Migratory Game Bird Harvest Projection Summary

last revised: 2 July 2019

Harvest Statistic	Cottontail	Squirrel	Pheasant	Partridge	Prairie Grouse	Tundra Swan	Ducks	Canada Geese (all seasons)	Canada Geese (Sept. season)	Canada Geese (special season)	Light Geese (regular season)	Light Geese (conserv. order)	White-fronted Geese	Mourning Dove	Grand Totals
Licenses/Tags	Small Game		Upland Birds			Waterfowl									
Resident															
Licenses Available	unlim.	unlim.	unlim.	unlim.	unlim.	1,100	unlim.	unlim.	unlim.	800	unlim.	unlim.	unlim.	unlim.	
Proj. Active/Sold/Issued	4,341	2,302	53,577	1,672	5,868	973	10,271	8,633	2,509	799	3,099	2,736	1,262	6,531	
Nonresident															
Licenses Available	unlim.	unlim.	unlim.	unlim.	unlim.	200	unlim.	unlim.	unlim.	N/A	unlim.	unlim.	unlim.	unlim.	
Proj. Active/Sold/Issued	475	141	69,018	1,904	3,979	216	4,051	2,289	207	N/A	883	4,643	426	275	
Totals															
Licenses Available	unlim.	unlim.	unlim.	unlim.	unlim.	1,300	unlim.	unlim.	unlim.	800	unlim.	unlim.	unlim.	unlim.	
Proj. Active/Sold/Issued	4,816	2,442	122,595	3,576	9,847	1,189	14,322	10,923	2,716	799	3,982	7,379	1,688	6,805	189,564
Hunting Recreation															
Residents															
Average Days Hunted	4.87	4.53	6.26	4.82	4.36	4.56	6.88	6.67	N/A	1.25	5.40	5.13	5.67	4.16	
Total Days Hunted	21,012	10,278	332,185	8,161	25,969	4,580	70,614	57,576	N/A	546	16,735	14,029	7,150	27,200	595,488
Average Season Bag	4.54	3.48	7.38	0.75	2.83	N/A	13.08	7.40	6.30	1.37	12.79	18.74	1.92	18.50	
Mean Satisfaction Score	4.87	4.87	4.64	4.64	4.64	5.17	4.99	4.93	5.09	5.09	4.93	-	-	5.12	
Nonresidents															
Average Days Hunted	4.81	4.78	4.06	4.38	4.08	4.86	4.31	4.17	3.70	-	4.39	3.99	4.83	3.22	
Total Days Hunted	2,275	667	279,812	8,346	16,208	1,017	17,477	9,616	766	-	3,874	18,547	2,059	885	361,548
Average Season Bag	1.97	2.22	8.11	2.05	1.87	N/A	10.25	2.52	10.14	-	7.53	24.73	0.69	13.00	
Mean Satisfaction Score	5.25	5.25	5.38	5.38	5.38	5.07	5.11	5.11	5.57	-	4.85	-		5.72	
Total Days Hunted	23,287	10,945	611,998	16,506	42,177	5,596	88,091	67,192	N/A	546	20,609	32,576	9,209	28,085	957,037
Harvest															
Residents	19,386	8,241	392,020	1,223	16,431	N/A	134,307	63,848	15,805	598	39,624	51,260	2,428	120,835	
Nonresidents	937	293	558,863	3,900	7,429	N/A	41,515	5,638	2,098	-	6,644	114,819	293	3,571	
Total	20,324	8,534	950,883	5,122	23,860	179	175,822	69,485	17,904	598	46,268	166,079	2,720	124,407	1,595,782

COTTONTAIL & SQUIRREL

The 2018 cottontail rabbit and tree squirrel seasons covered 1 September 2018 - 28 February 2019. Harvest surveys were sent to resident and nonresident hunters after the close of the pheasant season on 6 January 2019. It is assumed that this captured the majority of cottontail and squirrel hunting and harvest.

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, senior 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 2018, there were 82,994 resident and 72,746 nonresident licenses issued that allowed holders to hunt small game. Approximately 10% of residents and nonresidents were surveyed for the small game seasons. Survey response rates were 60% for residents and 60% for nonresidents.

Based on survey responses indicating at least one day of hunting cottontails, there were a projected 4,341 resident and 475 nonresident cottontail hunters. Based on survey responses indicating at least one day of hunting squirrels, there were a projected 2,302 resident and 141 nonresident hunters. An estimated 20,324 cottontails and 8,534 squirrels were harvested during the 2018 small game seasons.

When asked their satisfaction on the season, (1 being least satisfied, 7 being most satisfied), resident hunters reported an average satisfaction level of 4.87, while nonresidents reported a rating of 5.25.

Comparison of the 2009 - 2018 cottontail and squirrel harvests

	Cottontails				***Squirrels***			
	Hunters		***Harvest***		***Hunters***		***Harvest***	
Year	***Resident***	***Nonres***	***Resident***	***Nonres***	***Resident***	***Nonres***	***Resident***	***Nonres***
2009	7,485	1,304	65,793	6,090	2,827	181	12,156	309
2010	6,011	885	44,481	1,832	2,901	96	12,677	115
2011	3,019	529	19,835	845	1,547	78	6,806	146
2012	3,133	794	18,758	1,763	1,553	166	7,338	400
2013	4,199	516	21,682	846	2,911	116	10,962	61
2014	5,366	754	28,276	1,591	2,552	150	9,587	241
2015	5,779	1,020	37,407	2,397	2,870	171	13,311	180
2016	5,584	754	35,649	2,224	2,786	181	11,614	262
2017	4,628	607	22,711	1,561	2,571	87	9,850	260
2018	4,341	475	19,386	937	2,302	141	8,241	293

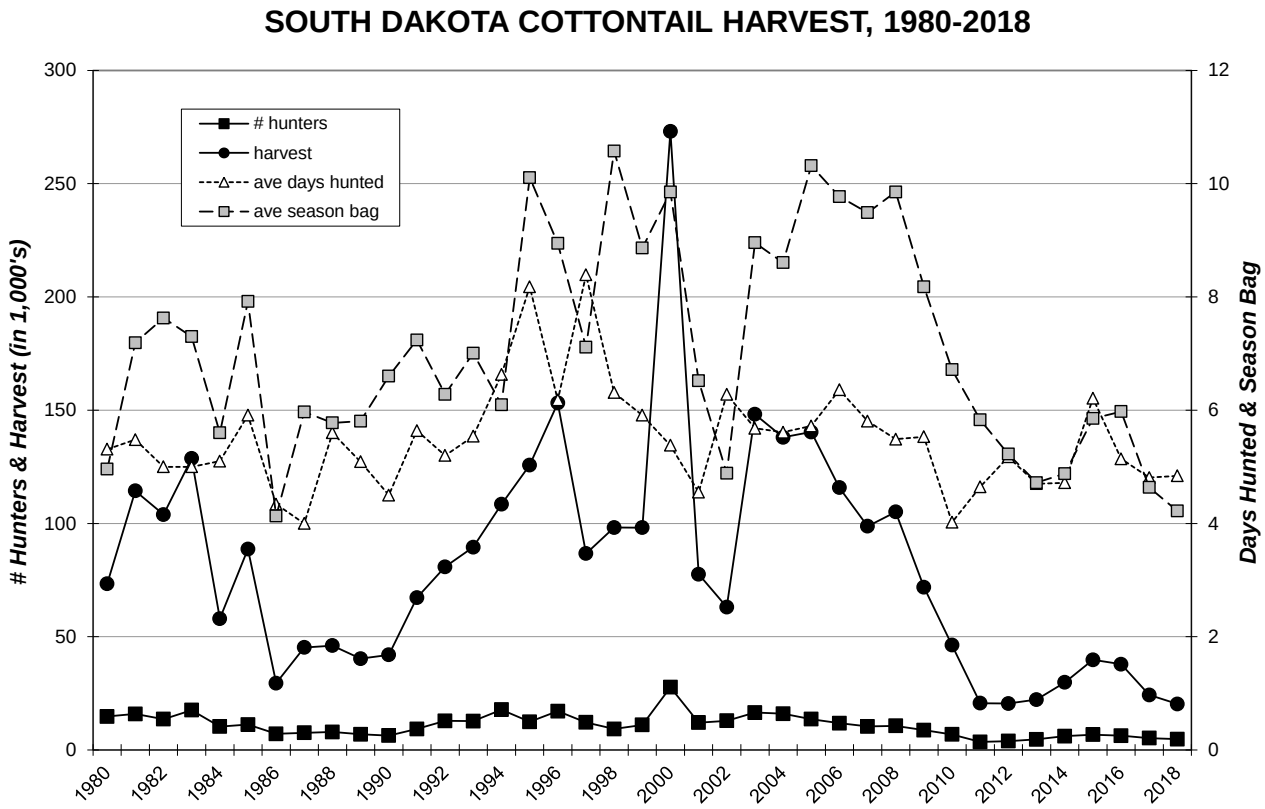
Survey design changed in 2010 and 2014 and results may not be directly comparable to previous years.

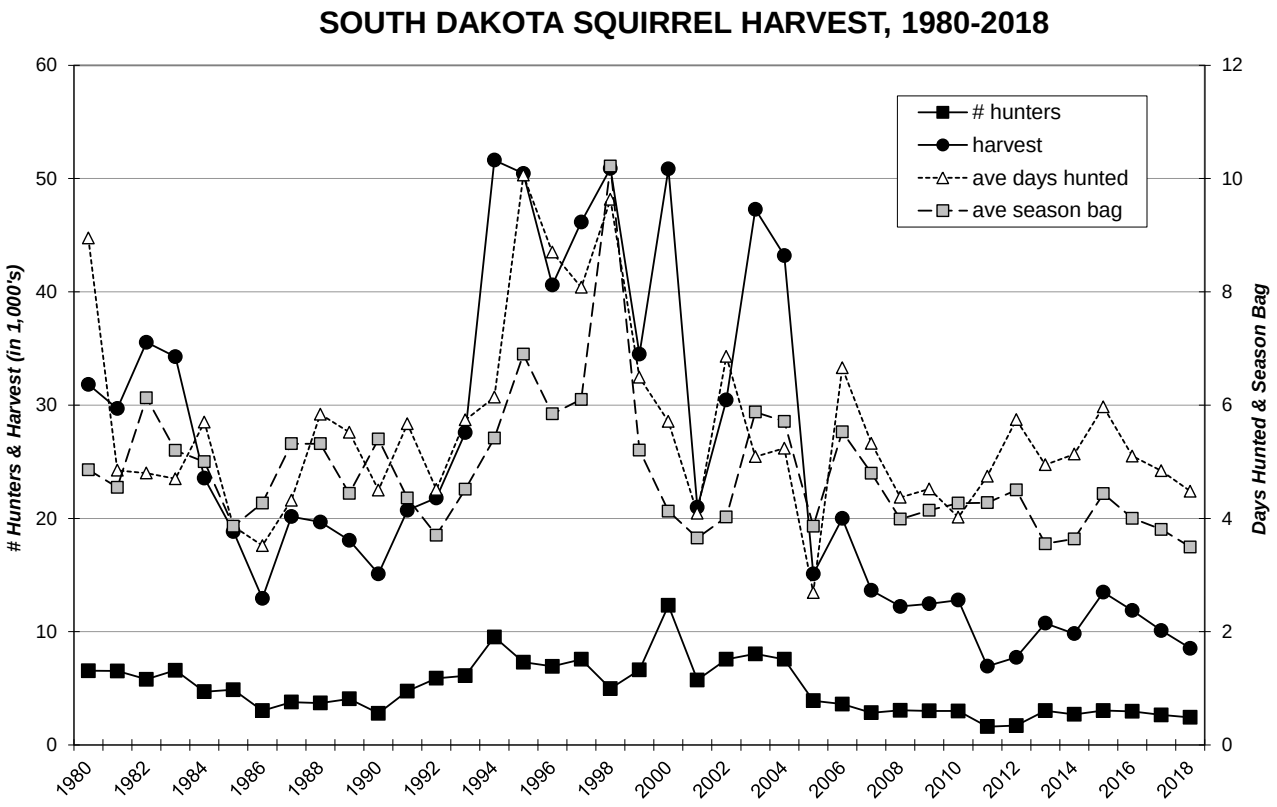
UPLAND GAME HARVEST PROJECTIONS FOR 2018

Last Revised: 2 July 2019

	RESIDENT TOTALS BY LICENSE TYPE						NONRESIDENT TOTALS		
	Comb-ination	Junior Combo	Senior Combo	Small Game	Youth SmGm	Sum Estimates	Non Res Sm Game	Youth Sm Gm	Sum Estimates
Licenses Sold	45,327	7,069	9,423	17,059	4,116	82,994	70,843	1,903	72,746
Projected ACTIVE UPLAND GAME HUNTERS	**2,568**	**744**	**376**	**738**	**471**	**4,897**	**502**	**51**	**553**
Number Sampled by Survey	4,311	598	884	1,626	378	7,797	7,611	200	7,811
Number Responded to Survey	2,612	247	752	809	236	4,656	4,565	110	4,675
% Responded and Participated in Season	6%	11%	4%	4%	11%	6%	1%	3%	1%
Responded and Participated in Season	148	26	30	35	27	**266**	33	3	**36**
Responded but DID NOT HUNT	2,464	221	722	774	209	**4,390**	4,532	107	**4,639**
Survey Response Rate	**60.6%**	**41.3%**	**85.1%**	**49.8%**	**62.4%**	**59.7%**	**60.0%**	**55.0%**	**59.9%**
No. Hunters Reporting Cottontail Days	136	24	25	25	26	**236**	29	2	**31**
Sum Cottontail Hunted Days	658	122	134	89	146	**1,149**	145	4	**149**
Average Days Hunted Cottontails	**4.84**	**5.08**	**5.36**	**3.56**	**5.62**	**4.87**	**5.00**	**2.00**	**4.81**
Sum Cottontails Bagged	688	92	120	90	81	**1,071**	56	5	**61**
Average Cottontail Bag for Season	**5.06**	**3.83**	**4.80**	**3.60**	**3.12**	**4.54**	**1.93**	**2.50**	**1.97**
Projected Days Cottontail Hunting	**11,419**	**3,492**	**1,679**	**1,877**	**2,546**	**21,012**	**2,207**	**68**	**2,275**
Projected No. Cottontail Hunters	**2,360**	**687**	**313**	**527**	**453**	**4,341**	**441**	**34**	**475**
Projected Cottontail Bag	**11,939**	**2,633**	**1,504**	**1,898**	**1,413**	**19,386**	**852**	**85**	**937**
						TOTAL COTTONTAIL HARVEST =	**20,324**		
No. Hunters Reporting Squirrel Days	65	13	15	20	11	**124**	7	2	**9**
Sum Squirrel Hunted Days	281	58	88	78	57	**562**	36	7	**43**
Average Days Hunted Squirrels	**4.32**	**4.46**	**5.87**	**3.90**	**5.18**	**4.53**	**5.14**	**3.50**	**4.78**
Sum Squirrels Bagged	203	73	61	57	38	**432**	18	2	**20**
Average Squirrel Bag for Season	**3.12**	**5.62**	**4.07**	**2.85**	**3.45**	**3.48**	**2.57**	**0.57**	**2.22**
Projected Days Squirrel Hunting	**4,876**	**1,660**	**1,103**	**1,645**	**994**	**10,278**	**548**	**119**	**667**
Projected No. Squirrel Hunters	**1,128**	**372**	**188**	**422**	**192**	**2,302**	**107**	**34**	**141**
Projected Squirrel Bag	**3,523**	**2,089**	**764**	**1,202**	**663**	**8,241**	**274**	**19**	**293**
						TOTAL SQUIRREL HARVEST =	**8,534**		
Mean Satisfaction Score *	4.78	5.38	4.60	5.03	4.96	4.87	5.12	6.67	5.25

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




SOUTH DAKOTA SQUIRREL HARVEST, 1980-2018
hunters
harvest
ave days hunted
ave season bag
Hunters & Harvest (in 1,000's)
Days Hunted & Season Bag
0
10
20
30
40
50
60
0
2
4
6
8
10
12
1980
1982
1984
1986
1988
1990
1992
1994
1996
1998
2000
2002
2004
2006
2008
2010
2012
2014
2016
2018

PHEASANT

The 2018 pheasant season was open from 20 October 2018 – 6 January 2019 statewide. There was also a Youth season open 6-10 October on public and private land and an early resident 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, senior or junior combination, or youth small game licenses; nonresidents were required to obtain adult or youth small game or nonresident shooting preserve licenses. 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 2018, there were 82,994 resident and 72,746 nonresident licenses issued that allowed holders to hunt pheasants. Approximately 10% of residents and nonresidents were surveyed for the upland bird seasons. Survey response rates were 60% for residents and 60% for nonresidents.

Based on survey responses indicating at least one day of hunting pheasants, there were a projected 53,577 resident and 69,018 nonresident pheasant hunters.

A projected total of 950,883 pheasants were harvested (392,020 by residents, 558,863 by nonresidents) during the 2018 seasons. When asked their satisfaction on the season, (1 being least satisfied, 7 being most satisfied), resident upland bird hunters reported an average satisfaction rating of 4.64 while nonresidents reported a higher satisfaction rating of 5.38.

Approximately 11,034 residents participated in the early, resident-only season. The projected harvest for this season was 18,620 birds.

The Youth-only season overall participation rate was approximately 5.5%; nonresidents were not surveyed on their participation in the Youth season.

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

Comparison of the 2009 - 2018 Pheasant season statistics

	Resident Hunters					***Nonresident Hunters***				
Year	***Number Hunters***	***Harvest***	***Ave Day Hunted***	***Ave Bag***	***Satis-faction***	***Number Hunters***	***Harvest***	***Ave Day Hunted***	***Ave Bag***	***Satis-faction***
2009	69,949	715,578	7.14	10.23	4.93	97,350	932,613	4.33	9.58	5.59
2010	72,465	803,637	7.16	11.09	5.20	100,189	1,027,939	4.42	10.26	5.88
2011	69,120	644,412	6.83	9.68	4.78	95,077	910,894	4.46	9.63	5.63
2012	69,240	599,675	6.92	9.09	4.65	93,801	829,198	4.35	8.90	5.14
2013	57,647	368,567	6.33	7.15	4.11	74,413	561,445	3.99	7.74	4.95
2014	61,776	504,144	6.31	8.32	4.85	79,195	695,660	4.16	8.79	5.52
2015	65,135	517,942	6.17	8.06	4.98	84,901	737,936	4.15	8.71	5.49
2016	61,746	478,099	6.24	7.86	4.72	81,141	692,497	4.14	8.57	5.43
2017	52,538	326,936	6.08	6.30	4.23	67,232	501,773	3.96	7.47	5.06
2018	53,577	392,020	6.26	7.38	4.64	69,018	558,863	4.06	8.11	5.38

PHEASANT HARVEST PROJECTIONS FOR 2018

Revised:
5/13/2019

	RESIDENT TOTALS BY LICENSE TYPE						NONRESIDENT TOTALS		
	Combo	Junior Combo	Senior Combo	Small Game	Youth SmGm	Sum Estimates	Nonres Sm Game	Youth Sm Game	Sum Estimates
Licenses Sold	45,327	7,069	9,423	17,059	4,116	**82,994**	70,843	1,903	**72,746**
Projected ACTIVE UPLAND BIRD HUNTERS	**28,373**	**3,549**	**4,962**	**13,917**	**3,261**	**54,062**	**67,726**	**1,718**	**69,444**
Number Sampled by Survey	4,311	598	884	1,626	378	**7,797**	7,611	200	**7,811**
Number Responded to Survey	2,612	247	752	809	236	**4,656**	4,565	110	**4,675**
% Responded and Participated in Season	63%	50%	53%	82%	79%	64%	97%	92%	97%
Responded and Participated in Season	1,635	124	396	660	187	**3,002**	4,450	101	**4,551**
Responded but DID NOT HUNT	977	123	356	149	49	**1,654**	115	9	**124**
Survey Response Rate	**60.6%**	**41.3%**	**85.1%**	**49.8%**	**62.4%**	**59.7%**	**60.0%**	**55.0%**	**59.9%**
No. Hunters Reporting Pheasant Days	1,621	122	386	658	186	**2,973**	4,422	101	**4,523**
Sum Pheasant Hunted Days	11,200	761	2,373	3,224	1,051	**18,609**	18,049	301	**18,350**
Average Days Hunted Pheasants	**6.91**	**6.24**	**6.15**	**4.90**	**5.65**	**6.26**	**4.08**	**2.98**	**4.06**
Sum Pheasants Bagged	13,986	841	2,525	3,732	855	**21,939**	36,153	508	**36,661**
Average Pheasant Bag for Season	**8.63**	**6.89**	**6.54**	**5.67**	**4.60**	**7.38**	**8.18**	**5.03**	**8.11**
Projected Days Pheasant Hunting	**194,358**	**21,779**	**29,735**	**67,983**	**18,330**	**332,185**	**274,693**	**5,120**	**279,812**
Projected No. Pheasant Hunters	**28,130**	**3,492**	**4,837**	**13,875**	**3,244**	**53,577**	**67,300**	**1,718**	**69,018**
Projected Pheasant Bag	**242,704**	**24,069**	**31,640**	**78,695**	**14,912**	**392,020**	**550,223**	**8,641**	**558,863**
LCI (95%)	**225,384**	**18,461**	**27,056**	**70,693**	**10,966**	**371,080**	**538,370**	**7,120**	**546,918**
UCI (95%)	**260,249**	**30,026**	**36,394**	**86,803**	**18,930**	**413,000**	**562,108**	**10,186**	**570,841**
						TOTAL PHEASANT HARVEST =	**950,883**		
						LCI (95%) =	**926,778**		
						UCI (95%) =	**975,023**		
RESIDENT-ONLY OPENING WEEKEND:									
No. Hunters Reporting Pheasant Days	364	25	66	124	40	**619**	-	-	-
Sum Pheasant Hunted Days	541	37	100	191	57	**926**	-	-	-
Average Days Hunted Pheasants	**1.49**	**1.48**	**1.52**	**1.54**	**1.43**	**1.50**	-	-	-
Sum Pheasants Bagged	670	37	81	206	33	**1,027**	-	-	-
Average Pheasant Bag for Weekend	**1.84**	**1.48**	**1.23**	**1.66**	**0.83**	**1.66**	-	-	-
Projected Days Pheasant Hunting	**9,388**	**1,059**	**1,253**	**4,028**	**994**	**16,506**	-	-	-
Projected No. Pheasant Hunters	**6,317**	**715**	**827**	**2,615**	**698**	**11,034**	-	-	-
Projected Pheasant Bag	**11,627**	**1,059**	**1,015**	**4,344**	**576**	**18,620**	-	-	-
						RESIDENT-ONLY WEEKEND PHEASANT HARVEST =	**18,620**		
MENTORED YOUTH PARTICIPATION:									
No. Hunters Reporting Participation	138	NA	31	42	NA	**211**	-	-	-
Projected No. Hunters Participating	2,395		388	886		**3,669**	-	-	-
Percent Hunters Participating	5.3%		4.1%	5.2%		5.1%	-	-	-
Upland Bird Hunters Mean Satisfaction Score *	4.64	4.83	4.26	4.81	4.68	4.64	5.38	5.43	5.38

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

RESIDENT-ONLY WEEKEND 2018 PHEASANT SEASON PARTICIPATION AND BAG

Last Revised: 21 May 2019

	# Days Hunted	# Responded	% of Total	Ave. Bag
Residents	0	4,037	86.7%	
	1	365	7.8%	0.95
	2	201	4.3%	2.18
	3	53	1.1%	4.57

2018 YOUTH-ONLY PHEASANT SEASON PARTICIPATION

Last Revised: 21 May 2019

License Type	Number Participated	Did Not Participate	Percent Participated
Small Game	42	767	5.2%
Combination	138	2,474	5.3%
Senior Combination	31	721	4.1%
Youth Small Game	34	202	14.4%
Junior Combination	9	238	3.6%
Total	254	4,402	5.5%

Total Pheasant Harvest Distribution by County 2018

	HUNTER DISTRIBUTION			HARVEST DISTRIBUTION			
COUNTY	***# Projected***	***% of Total***	***# Proj w/ Unk ****	***# Projected***	***% of Total***	***# Proj w/ Unk ****	***Birds/Hunter *****
Minnehaha	1,515	1.3	1,571	5,561	0.6	5,727	3.7
Pennington	259	0.2	269	920	0.1	948	3.5
Brown	5,982	5.0	6,156	50,604	5.5	51,837	8.5
Beadle	5,099	4.3	5,250	43,305	4.7	44,415	8.5
Codington	2,275	1.9	2,351	18,502	2.0	19,039	8.1
Brookings	1,757	1.5	1,817	13,085	1.4	13,479	7.4
Yankton	1,084	0.9	1,121	5,012	0.5	5,152	4.6
Davison	3,591	3.0	3,695	22,219	2.4	22,747	6.2
Lawrence	33	0.0	34	137	0.0	140	4.1
Aurora	4,439	3.7	4,569	38,735	4.2	39,682	8.7
Bennett	546	0.5	565	2,806	0.3	2,885	5.1
Bon Homme	808	0.7	837	4,141	0.4	4,253	5.1
Brule	6,555	5.5	6,731	54,088	5.8	55,315	8.3
Buffalo	458	0.4	472	4,009	0.4	4,110	8.8
Butte	100	0.1	103	909	0.1	934	9.1
Campbell	1,394	1.2	1,434	11,712	1.3	11,995	8.4
Charles Mix	3,588	3.0	3,695	28,949	3.1	29,674	8.1
Clark	2,401	2.0	2,473	19,246	2.1	19,753	8.0
Clay	482	0.4	500	2,490	0.3	2,563	5.2
Corson	607	0.5	625	4,488	0.5	4,588	7.4
Custer	18	0.0	19	214	0.0	222	11.9
Day	1,538	1.3	1,586	14,927	1.6	15,357	9.7
Deuel	736	0.6	762	4,003	0.4	4,116	5.4
Dewey	1,384	1.2	1,424	12,004	1.3	12,287	8.7
Douglas	1,356	1.1	1,402	8,746	0.9	8,988	6.4
Edmunds	2,843	2.4	2,926	22,956	2.5	23,513	8.1
Fall River	316	0.3	328	2,439	0.3	2,517	7.7
Faulk	2,681	2.3	2,755	22,616	2.4	23,144	8.4
Grant	578	0.5	600	4,171	0.4	4,304	7.2
Gregory	3,671	3.1	3,773	33,881	3.7	34,678	9.2
Haakon	772	0.6	799	5,576	0.6	5,744	7.2
Hamlin	1,159	1.0	1,199	6,062	0.7	6,232	5.2
Hand	2,860	2.4	2,945	18,359	2.0	18,815	6.4
Hanson	1,198	1.0	1,237	9,873	1.1	10,142	8.2
Harding	288	0.2	297	2,399	0.3	2,458	8.3
Hughes	3,284	2.8	3,382	25,721	2.8	26,379	7.8
Hutchinson	2,041	1.7	2,108	12,619	1.4	12,962	6.2
Hyde	1,094	0.9	1,124	7,706	0.8	7,890	7.0
Jackson	141	0.1	147	125	0.0	129	0.9
Jerauld	2,195	1.8	2,264	18,441	2.0	18,936	8.4
Jones	1,144	1.0	1,177	8,683	0.9	8,905	7.6
Kingsbury	2,249	1.9	2,323	17,532	1.9	18,022	7.8
Lake	1,190	1.0	1,233	8,643	0.9	8,915	7.3
Lincoln	674	0.6	699	6,585	0.7	6,802	9.8
Lyman	5,263	4.4	5,413	42,897	4.6	43,902	8.2
McCook	1,775	1.5	1,839	11,177	1.2	11,525	6.3
McPherson	1,960	1.6	2,015	13,983	1.5	14,310	7.1
Marshall	1,043	0.9	1,074	7,684	0.8	7,877	7.4
Meade	208	0.2	215	931	0.1	959	4.5
Mellette	362	0.3	375	2,019	0.2	2,080	5.6
Miner	2,974	2.5	3,073	28,778	3.1	29,583	9.7
Moody	476	0.4	493	3,146	0.3	3,249	6.6
Perkins	1,485	1.2	1,533	9,841	1.1	10,114	6.6
Potter	2,763	2.3	2,842	24,636	2.7	25,237	8.9
Roberts	1,226	1.0	1,268	7,191	0.8	7,404	5.9
Sanborn	2,143	1.8	2,208	17,843	1.9	18,300	8.3
Spink	4,790	4.0	4,931	39,336	4.2	40,302	8.2
Stanley	1,690	1.4	1,743	14,548	1.6	14,927	8.6
Sully	2,169	1.8	2,236	19,847	2.1	20,366	9.2
Tripp	6,323	5.3	6,496	52,914	5.7	54,111	8.4
Turner	1,016	0.9	1,055	3,302	0.4	3,407	3.2
Union	349	0.3	362	2,791	0.3	2,874	8.0
Walworth	2,159	1.8	2,224	15,697	1.7	16,086	7.3
Ziebach	255	0.2	262	2,160	0.2	2,213	8.5
Shannon	0	0.0	0	0	0.0	0	0
Todd	155	0.1	159	1,335	0.1	1,365	8.6
Unk/Unreported	3,623	-	-	23,624	-	-	6.5
TOTALS:	***122,595***	***100%***	***122,595***	***950,883***	***100%***	***950,883***	***7.76***

Last Revised: 21 May 2019

** 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.*

Resident Pheasant Harvest Distribution by County 2018

	HUNTER DISTRIBUTION				HARVEST DISTRIBUTION				
COUNTY	***# Reported***	***# Projected***	***% of Total***	***# Proj w/ Unk ****	***# Reported***	***# Projected***	***% of Total***	***# Proj w/ Unk ****	***Birds/Hunter *****
Minnehaha	68	1,225	2.4	1,274	231	4,128	1.1	4,265	3.4
Pennington	11	198	0.4	206	37	661	0.2	683	3.3
Brown	116	2,090	4.1	2,173	921	16,457	4.3	17,005	7.9
Beadle	106	1,910	3.7	1,986	1,021	18,244	4.8	18,851	9.6
Codington	78	1,406	2.7	1,461	701	12,526	3.3	12,943	8.9
Brookings	67	1,207	2.3	1,255	554	9,899	2.6	10,229	8.2
Yankton	39	703	1.4	731	167	2,984	0.8	3,083	4.2
Davison	68	1,225	2.4	1,274	346	6,183	1.6	6,388	5.0
Lawrence	1	18	0.0	19	0	0	0.0	0	0.0
Aurora	88	1,586	3.1	1,649	720	12,865	3.4	13,294	8.1
Bennett	21	378	0.7	393	99	1,769	0.5	1,828	4.7
Bon Homme	33	595	1.2	618	120	2,144	0.6	2,216	3.6
Brule	75	1,352	2.6	1,405	599	10,703	2.8	11,060	7.9
Buffalo	11	198	0.4	206	87	1,555	0.4	1,606	7.8
Butte	3	54	0.1	56	27	482	0.1	499	8.9
Campbell	24	433	0.8	450	205	3,663	1.0	3,785	8.5
Charles Mix	78	1,406	2.7	1,461	610	10,900	2.9	11,263	7.8
Clark	57	1,027	2.0	1,068	514	9,184	2.4	9,490	8.9
Clay	20	360	0.7	375	95	1,698	0.4	1,754	4.7
Corson	10	180	0.3	187	43	768	0.2	794	4.3
Custer	1	18	0.0	19	12	214	0.1	222	11.9
Day	43	775	1.5	806	553	9,881	2.6	10,210	12.8
Deuel	29	523	1.0	543	137	2,448	0.6	2,530	4.7
Dewey	26	469	0.9	487	177	3,163	0.8	3,268	6.8
Douglas	49	883	1.7	918	283	5,057	1.3	5,225	5.7
Edmunds	57	1,027	2.0	1,068	406	7,255	1.9	7,496	7.1
Fall River	15	270	0.5	281	122	2,180	0.6	2,253	8.1
Faulk	37	667	1.3	693	317	5,664	1.5	5,853	8.5
Grant	27	487	0.9	506	207	3,699	1.0	3,822	7.6
Gregory	53	955	1.9	993	497	8,881	2.3	9,176	9.3
Haakon	31	559	1.1	581	237	4,235	1.1	4,376	7.6
Hamlin	44	793	1.5	824	207	3,699	1.0	3,822	4.7
Hand	63	1,135	2.2	1,180	368	6,576	1.7	6,795	5.8
Hanson	36	649	1.3	674	300	5,361	1.4	5,539	8.3
Harding	5	90	0.2	94	43	768	0.2	794	8.5
Hughes	73	1,316	2.6	1,368	600	10,721	2.8	11,078	8.1
Hutchinson	65	1,171	2.3	1,218	382	6,826	1.8	7,053	5.8
Hyde	15	270	0.5	281	125	2,234	0.6	2,308	8.3
Jackson	7	126	0.2	131	7	125	0.0	129	1.0
Jerauld	60	1,081	2.1	1,124	527	9,417	2.5	9,730	8.7
Jones	22	396	0.8	412	201	3,592	0.9	3,711	9.1
Kingsbury	74	1,334	2.6	1,386	587	10,489	2.8	10,838	7.9
Lake	55	991	1.9	1,030	418	7,469	2.0	7,718	7.5
Lincoln	34	613	1.2	637	360	6,433	1.7	6,647	10.5
Lyman	88	1,586	3.1	1,649	610	10,900	2.9	11,263	6.9
McCook	79	1,424	2.8	1,480	524	9,363	2.5	9,675	6.6
McPherson	30	541	1.0	562	199	3,556	0.9	3,674	6.6
Marshall	24	433	0.8	450	163	2,913	0.8	3,010	6.7
Meade	9	162	0.3	169	41	733	0.2	757	4.5
Mellette	15	270	0.5	281	84	1,501	0.4	1,551	5.6
Miner	99	1,784	3.5	1,855	963	17,207	4.5	17,780	9.6
Moody	23	414	0.8	431	165	2,948	0.8	3,046	7.1
Perkins	46	829	1.6	862	317	5,664	1.5	5,853	6.8
Potter	50	901	1.7	937	448	8,005	2.1	8,272	8.9
Roberts	46	829	1.6	862	289	5,164	1.4	5,336	6.2
Sanborn	52	937	1.8	974	421	7,523	2.0	7,773	8.0
Spink	99	1,784	3.5	1,855	746	13,330	3.5	13,774	7.5
Stanley	43	775	1.5	806	368	6,576	1.7	6,795	8.5
Sully	56	1,009	2.0	1,049	511	9,131	2.4	9,435	9.0
Tripp	85	1,532	3.0	1,592	570	10,185	2.7	10,524	6.6
Turner	53	955	1.9	993	166	2,966	0.8	3,065	3.1
Union	16	288	0.6	300	111	1,983	0.5	2,049	6.9
Walworth	47	847	1.6	880	312	5,575	1.5	5,761	6.6
Ziebach	4	72	0.1	75	39	697	0.2	720	9.7
Shannon	0	0	0.0	0	0	0	0.0	0	0
Todd	1	18	0.0	19	15	268	0.1	277	14.9
Unk/Unreported	113	2,036	-	-	707	12,633	-		6.2
TOTALS:	***2,973***	***53,577***	***100%***	***53,577***	***21,939***	***392,020***	***100%***	***392,020***	***7.32***

Last Revised: 21 May 2019

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Nonresident Pheasant Harvest Distribution by County 2018

	HUNTER DISTRIBUTION				HARVEST DISTRIBUTION				
COUNTY	*# Reported*	*# Projected*	*% of Total*	*# Proj w/ Unk **	*# Reported*	*# Projected*	*% of Total*	*# Proj w/ Unk **	*Birds/Hunter ***
Minnehaha	19	290	0.4	297	94	1,433	0.3	1,462	4.9
Pennington	4	61	0.1	62	17	259	0.0	264	4.2
Brown	255	3,891	5.8	3,983	2,240	34,147	6.2	34,832	8.8
Beadle	209	3,189	4.7	3,264	1,644	25,061	4.6	25,564	7.9
Codington	57	870	1.3	890	392	5,976	1.1	6,096	6.9
Brookings	36	549	0.8	562	209	3,186	0.6	3,250	5.8
Yankton	25	381	0.6	390	133	2,027	0.4	2,068	5.3
Davison	155	2,365	3.5	2,421	1,052	16,037	2.9	16,358	6.8
Lawrence	1	15	0.0	16	9	137	0.0	140	9.0
Aurora	187	2,853	4.2	2,921	1,697	25,869	4.7	26,388	9.1
Bennett	11	168	0.2	172	68	1,037	0.2	1,057	6.2
Bon Homme	14	214	0.3	219	131	1,997	0.4	2,037	9.3
Brule	341	5,203	7.7	5,326	2,846	43,385	7.9	44,255	8.3
Buffalo	17	259	0.4	266	161	2,454	0.4	2,504	9.5
Butte	3	46	0.1	47	28	427	0.1	435	9.3
Campbell	63	961	1.4	984	528	8,049	1.5	8,210	8.4
Charles Mix	143	2,182	3.2	2,233	1,184	18,049	3.3	18,411	8.3
Clark	90	1,373	2.0	1,406	660	10,061	1.8	10,263	7.3
Clay	8	122	0.2	125	52	793	0.1	809	6.5
Corson	28	427	0.6	437	244	3,720	0.7	3,794	8.7
Custer	0	0	0.0	0	0	0	0.0	0	0
Day	50	763	1.1	781	331	5,046	0.9	5,147	6.6
Deuel	14	214	0.3	219	102	1,555	0.3	1,586	7.3
Dewey	60	916	1.4	937	580	8,842	1.6	9,019	9.7
Douglas	31	473	0.7	484	242	3,689	0.7	3,763	7.8
Edmunds	119	1,816	2.7	1,859	1,030	15,701	2.9	16,016	8.6
Fall River	3	46	0.1	47	17	259	0.0	264	5.7
Faulk	132	2,014	3.0	2,062	1,112	16,951	3.1	17,291	8.4
Grant	6	92	0.1	94	31	473	0.1	482	5.2
Gregory	178	2,716	4.0	2,780	1,640	25,000	4.6	25,502	9.2
Haakon	14	214	0.3	219	88	1,341	0.2	1,368	6.3
Hamlin	24	366	0.5	375	155	2,363	0.4	2,410	6.5
Hand	113	1,724	2.6	1,765	773	11,784	2.2	12,020	6.8
Hanson	36	549	0.8	562	296	4,512	0.8	4,603	8.2
Harding	13	198	0.3	203	107	1,631	0.3	1,664	8.2
Hughes	129	1,968	2.9	2,015	984	15,000	2.7	15,301	7.6
Hutchinson	57	870	1.3	890	380	5,793	1.1	5,909	6.7
Hyde	54	824	1.2	843	359	5,473	1.0	5,582	6.6
Jackson	1	15	0.0	16	0	0	0.0	0	0.0
Jerauld	73	1,114	1.7	1,140	592	9,024	1.6	9,206	8.1
Jones	49	748	1.1	765	334	5,092	0.9	5,194	6.8
Kingsbury	60	916	1.4	937	462	7,043	1.3	7,184	7.7
Lake	13	198	0.3	203	77	1,174	0.2	1,197	5.9
Lincoln	4	61	0.1	62	10	152	0.0	155	2.5
Lyman	241	3,677	5.5	3,764	2,099	31,997	5.8	32,639	8.7
McCook	23	351	0.5	359	119	1,814	0.3	1,850	5.2
McPherson	93	1,419	2.1	1,453	684	10,427	1.9	10,636	7.3
Marshall	40	610	0.9	625	313	4,771	0.9	4,867	7.8
Meade	3	46	0.1	47	13	198	0.0	202	4.3
Mellette	6	92	0.1	94	34	518	0.1	529	5.7
Miner	78	1,190	1.8	1,218	759	11,570	2.1	11,802	9.7
Moody	4	61	0.1	62	13	198	0.0	202	3.2
Perkins	43	656	1.0	672	274	4,177	0.8	4,261	6.4
Potter	122	1,862	2.8	1,905	1,091	16,631	3.0	16,965	8.9
Roberts	26	397	0.6	406	133	2,027	0.4	2,068	5.1
Sanborn	79	1,205	1.8	1,234	677	10,320	1.9	10,527	8.6
Spink	197	3,006	4.5	3,077	1,706	26,006	4.7	26,528	8.7
Stanley	60	916	1.4	937	523	7,973	1.5	8,133	8.7
Sully	76	1,160	1.7	1,187	703	10,717	2.0	10,932	9.2
Tripp	314	4,791	7.1	4,904	2,803	42,729	7.8	43,586	8.9
Turner	4	61	0.1	62	22	335	0.1	342	5.5
Union	4	61	0.1	62	53	808	0.1	824	13.2
Walworth	86	1,312	1.9	1,343	664	10,122	1.8	10,325	7.7
Ziebach	12	183	0.3	187	96	1,463	0.3	1,493	8.0
Shannon	0	0	0.0	0	0	0	0.0	0	0
Todd	9	137	0.2	141	70	1,067	0.2	1,088	7.8
Unk/Unreported	104	1,587	-	-	721	10,991	-	-	6.9
TOTALS	***4,523***	***69,018***	***100%***	***69,018***	***36,661***	***558,863***	***100%***	***558,863***	***8.10***

Last Revised: 21 May 2019

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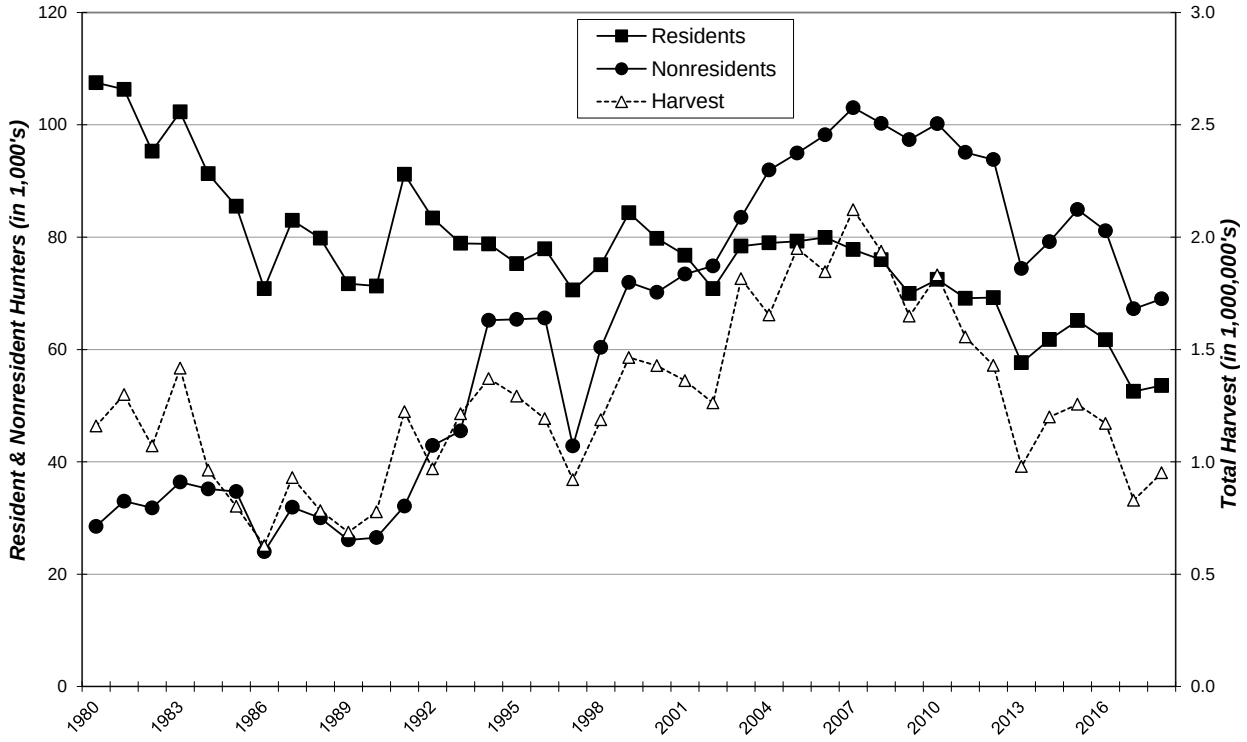
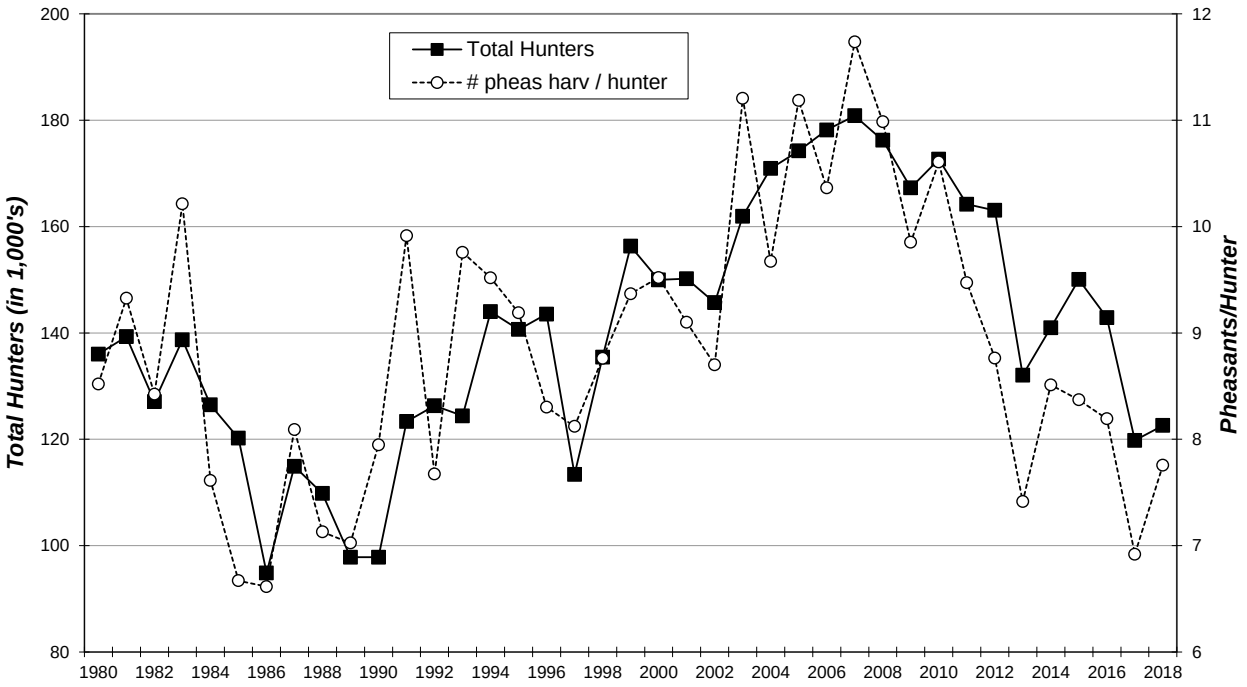
*** Calculation uses "# projected" values without correction for unknown/unreported county values.*

SOUTH DAKOTA PHEASANT HARVEST 1980-2018



SOUTH DAKOTA PHEASANT HUNTERS AND AVERAGE SEASON HARVEST 1980-2018



PARTRIDGE

The 2018 partridge season was open 15 September 2018 - 6 January 2019 statewide. Harvest surveys were sent to both resident and nonresident hunters. The daily limit was 5 birds, possession 15. To hunt partridge residents required to hold small game, 1-day small game, adult, senior or junior combination, or youth small game licenses; nonresidents were required to obtain adult or youth small game or nonresident shooting preserve licenses. 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 2018, there were 82,994 resident and 72,746 nonresident licenses issued that allowed holders to hunt partridge. Approximately 10% of residents and nonresidents were surveyed for the upland bird seasons. Survey response rates were 60% for residents and 60% for nonresidents.

Based on survey responses indicating at least one day of hunting partridge, there were a projected 1,672 resident and 1,904 nonresident partridge hunters.

An estimated 5,122 partridge were harvested (1,223 by residents, 3,900 by nonresidents) during the 2018 season. When asked their satisfaction on the season, (1 being least satisfied, 7 being most satisfied), resident upland bird hunters reported an average satisfaction rating of 4.64 while nonresidents reported an average satisfaction rating of 5.38.

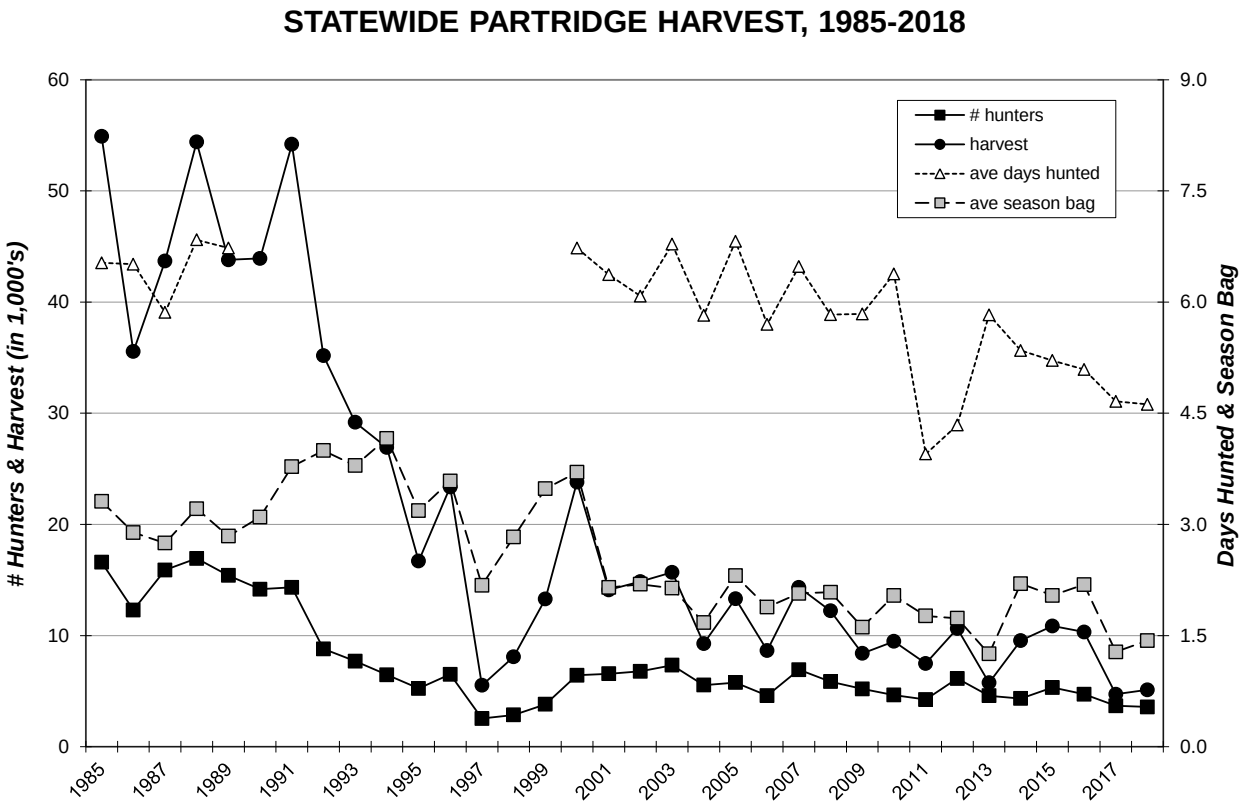
Comparison of the 2009 - 2018 partridge harvests

	Residents				***Nonresidents***			
Year	***Hunters***	***Harvest***	***Ave Days Hunted***	***Ave Bag***	***Hunters***	***Harvest***	***Ave Days Hunted***	***Ave Bag***
2009	2,687	4,675	7.23	1.74	2,511	3,716	4.36	1.48
2010	2,361	5,383	8.00	2.28	2,286	4,092	4.71	1.79
2011	2,335	3,719	3.77	1.57	1,889	3,771	4.09	2.01
2012	2,903	4,338	4.75	1.51	3,231	6,295	3.97	1.95
2013	2,666	2,990	7.09	1.13	1,926	2,761	4.23	1.43
2014	2,355	5,942	6.27	2.43	1,985	3,609	4.13	1.82
2015	3,189	5,840	5.63	1.85	2,133	5,019	4.05	3.08
2016	2,516	7,053	5.87	2.73	2,204	3,272	4.21	1.48
2017	2,005	2,496	5.44	1.24	1,682	2,224	3.93	1.32
2018	1,672	1,223	4.82	0.75	1,904	3,900	4.38	2.05

PARTRIDGE HARVEST PROJECTIONS FOR 2018

Revised: 5/13/2019	RESIDENT TOTALS BY LICENSE TYPE						NONRESIDENT TOTALS		
	Combo	Junior Combo	Senior Combo	Small Game	Youth SmGm	Sum Estimates	Nonres Sm Game	Youth Sm Game	Sum Estimates
Licenses Sold	45,327	7,069	9,423	17,059	4,116	**82,994**	70,843	1,903	**72,746**
Projected ACTIVE UPLAND BIRD HUNTERS	**28,373**	**3,549**	**4,962**	**13,917**	**3,261**	**54,062**	**67,726**	**1,718**	**69,444**
Number Sampled by Survey	4,311	598	884	1,626	378	**7,797**	7,611	200	**7,811**
Number Responded to Survey	2,612	247	752	809	236	**4,656**	4,565	110	**4,675**
% Responded and Participated in Season	63%	50%	53%	82%	79%	64%	97%	92%	97%
Responded and Participated in Season	1,635	124	396	660	187	**3,002**	4,450	101	**4,551**
Responded but DID NOT HUNT	977	123	356	149	49	**1,654**	115	9	**124**
Survey Response Rate	**60.6%**	**41.3%**	**85.1%**	**49.8%**	**62.4%**	**59.7%**	**60.0%**	**55.0%**	**59.9%**
No. Hunters Reporting Partridge Days	65	1	12	14	4	**96**	124	1	**125**
Sum Partridge Hunted Days	328	10	47	64	14	**463**	545	3	**548**
Average Days Hunted Partridge	**5.05**	**10.00**	**3.92**	**4.57**	**3.50**	**4.82**	**4.40**	**3.00**	**4.38**
Sum Partridge Bagged	54	0	11	7	0	**72**	254	2	**256**
Average Season Partridge Bag	**0.83**	**0.00**	**0.92**	**0.50**	**0.00**	**0.75**	**2.05**	**2.00**	**2.05**
Projected Days Partridge Hunting	**5,692**	**286**	**589**	**1,350**	**244**	**8,161**	**8,295**	**51**	**8,346**
Projected No. Partridge Hunters	**1,128**	**29**	**150**	**295**	**70**	**1,672**	**1,887**	**17**	**1,904**
Projected Partridge Bag	**937**	**0**	**138**	**148**	**0**	**1,223**	**3,866**	**34**	**3,900**
						TOTAL PARTRIDGE HARVEST =	**5,122**		
Upland Bird Hunters Mean Satisfaction Score *	4.64	4.83	4.26	4.81	4.68	4.64	5.38	5.43	5.38

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



PRAIRIE CHICKEN & SHARP-TAILED GROUSE

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

The 2018 grouse season covered 15 September 2018 – 6 January 2019 statewide. Harvest surveys were sent to both resident and nonresident hunters. The daily limit was 3 birds, possession 15. To hunt grouse residents required to hold small game, 1-day small game, adult, senior or junior combination, or youth small game licenses; nonresidents were required to obtain adult or youth small game or nonresident shooting preserve licenses. 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 2018, there were 82,994 resident and 72,746 nonresident licenses issued that allowed holders to hunt grouse. Approximately 10% of residents and nonresidents were surveyed for the upland bird seasons. Survey response rates were 60% for residents and 60% for nonresidents.

Based on survey responses indicating at least one day of hunting grouse, there were a projected 5,868 resident and 3,979 nonresident grouse hunters. A projected total of 23,860 grouse were harvested (16,431 by residents, 7,429 by nonresidents) during the 2018 season.

When asked their satisfaction on the season, (1 being very dissatisfied, and 7 being very satisfied), resident upland bird hunters reported an average rating of 4.64 while nonresidents reported a rating of 5.38.

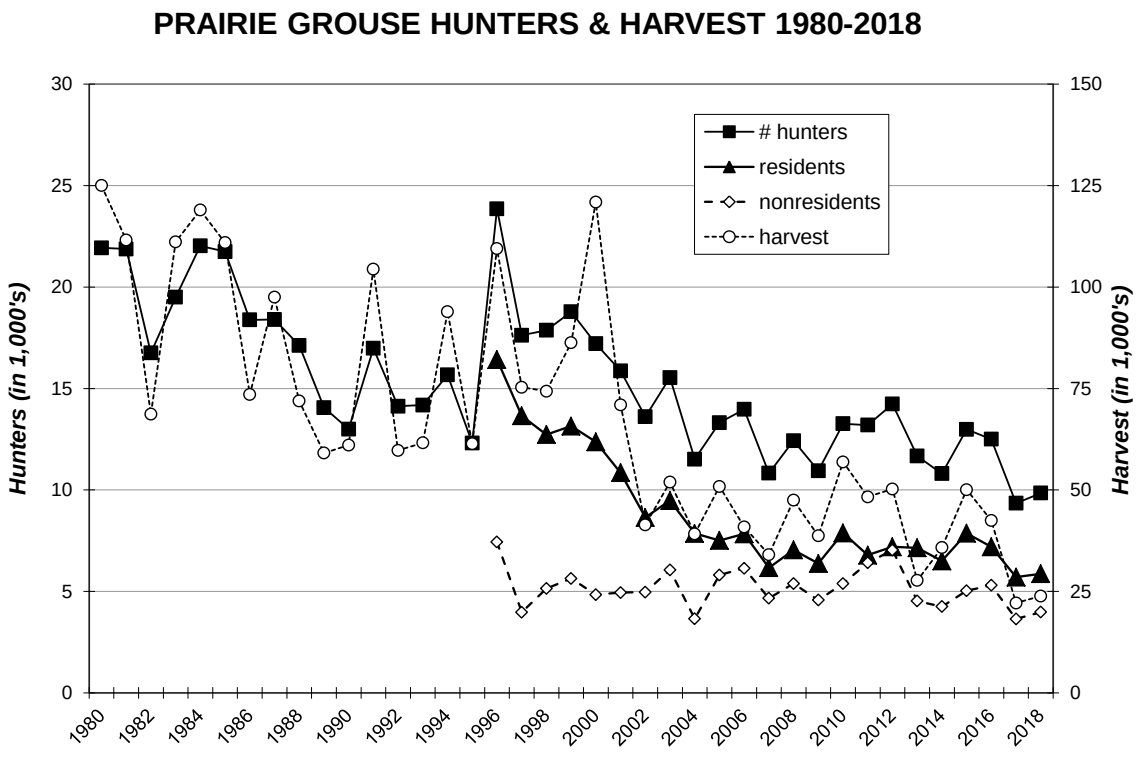
Comparison of the 2009 - 2018 prairie grouse season statistics

	Residents					***Nonresidents***				
Year	***Hunters***	***Harvest***	***Ave Day Hunted***	***Ave Bag***	***Satis-faction***	***Hunters***	***Harvest***	***Ave Day Hunted***	***Ave Bag***	***Satis-faction***
2009	6,377	26,018	4.41	4.08	4.93	4,571	12,662	4.19	2.77	5.59
2010	7,879	39,868	4.49	5.06	5.20	5,386	17,020	3.92	3.16	5.88
2011	6,789	27,581	4.19	4.09	4.78	6,407	20,718	4.01	3.26	5.63
2012	7,197	31,223	4.68	4.38	4.65	7,037	19,005	3.83	2.70	5.14
2013	7,149	19,858	4.28	2.76	4.11	4,523	7,840	3.87	1.73	4.95
2014	6,503	25,847	4.55	4.01	4.85	4,254	9,943	3.99	2.31	5.52
2015	7,866	34,506	4.72	4.40	4.98	5,032	15,388	4.05	3.08	5.49
2016	7,199	31,611	4.88	4.40	4.72	5,203	11,294	4.04	2.18	5.43
2017	5,703	15,863	4.57	2.80	4.23	3,645	6,290	3.81	1.73	5.06
2018	5,868	16,431	4.36	2.83	4.64	3,979	7,429	4.08	4.87	5.38

PRAIRIE GROUSE HARVEST PROJECTIONS FOR 2018

Revised: 5/13/2019	RESIDENT TOTALS BY LICENSE TYPE						NONRESIDENT TOTALS		
	Combo	Junior Combo	Senior Combo	Small Game	Youth SmGm	Sum Estimates	Nonres Sm Game	Youth Sm Game	Sum Estimates
Licenses Sold	45,327	7,069	9,423	17,059	4,116	**82,994**	70,843	1,903	**72,746**
Projected ACTIVE UPLAND BIRD HUNTERS	**28,373**	**3,549**	**4,962**	**13,917**	**3,261**	**54,062**	**67,726**	**1,718**	**69,444**
Number Sampled by Survey	4,311	598	884	1,626	378	**7,797**	7,611	200	**7,811**
Number Responded to Survey	2,612	247	752	809	236	**4,656**	4,565	110	**4,675**
% Responded and Participated in Season	63%	50%	53%	82%	79%	64%	97%	92%	97%
Responded and Participated in Season	1,635	124	396	660	187	**3,002**	4,450	101	**4,551**
Responded but DID NOT HUNT	977	123	356	149	49	**1,654**	115	9	**124**
Survey Response Rate	**60.6%**	**41.3%**	**85.1%**	**49.8%**	**62.4%**	**59.7%**	**60.0%**	**55.0%**	**59.9%**
No. Hunters Reporting Prairie Grouse Days	220	7	53	43	16	**339**	257	4	**261**
Sum Prairie Grouse Hunted Days	976	52	194	173	84	**1,479**	1,056	8	**1,064**
Average Days Hunted Prairie Grouse	**4.44**	**7.43**	**3.66**	**4.02**	**5.25**	**4.36**	**4.11**	**2.00**	**4.08**
Sum Prairie Grouse Bagged	708	9	133	83	27	**960**	487	1	**488**
Average Season Prairie Grouse Bag	**3.22**	**1.29**	**2.51**	**1.93**	**1.69**	**2.83**	**1.89**	**0.25**	**1.87**
Projected Days Prairie Grouse Hunting	**16,937**	**1,488**	**2,431**	**3,648**	**1,465**	**25,969**	**16,072**	**136**	**16,208**
Projected No. Prairie Grouse Hunters	**3,818**	**200**	**664**	**907**	**279**	**5,868**	**3,911**	**68**	**3,979**
Projected Prairie Grouse Bag	**12,286**	**258**	**1,667**	**1,750**	**471**	**16,431**	**7,412**	**17**	**7,429**
				TOTAL PRAIRIE GROUSE HARVEST =			**23,860**		
Upland Bird Hunters Mean Satisfaction Score *	4.64	4.83	4.26	4.81	4.68	4.64	5.38	5.43	5.38

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



Resident Grouse Harvest Distribution by County 2018

	HUNTER DISTRIBUTION				HARVEST DISTRIBUTION				
COUNTY	*# Reported*	*# Projected*	*% of Total*	*# Proj w/ Unk **	*# Reported*	*# Projected*	*% of Total*	*# Proj w/ Unk **	*Birds/Hunter*
Minnehaha	1	17	0.3	18	1	17	0.1	18	1.0
Pennington	12	208	3.7	219	24	411	2.7	437	2.0
Brown	2	35	0.6	37	2	34	0.2	36	1.0
Beadle	1	17	0.3	18	0	0	0.0	0	0.0
Codington	4	69	1.2	73	6	103	0.7	109	1.5
Brookings	0	0	0.0	0	0	0	0.0	0	0
Yankton	0	0	0.0	0	0	0	0.0	0	0
Davison	1	17	0.3	18	0	0	0.0	0	0.0
Lawrence	3	52	0.9	55	3	51	0.3	55	1.0
Aurora	1	17	0.3	18	1	17	0.1	18	1.0
Bennett	6	104	1.9	110	17	291	1.9	310	2.8
Bon Homme	0	0	0.0	0	0	0	0.0	0	0
Brule	6	104	1.9	110	7	120	0.8	128	1.2
Buffalo	0	0	0.0	0	0	0	0.0	0	0
Butte	3	52	0.9	55	7	120	0.8	128	2.3
Campbell	1	17	0.3	18	5	86	0.6	91	4.9
Charles Mix	5	87	1.6	91	0	0	0.0	0	0.0
Clark	0	0	0.0	0	0	0	0.0	0	0
Clay	0	0	0.0	0	0	0	0.0	0	0
Corson	11	190	3.4	201	57	976	6.3	1,038	5.1
Custer	2	35	0.6	37	4	68	0.4	73	2.0
Day	4	69	1.2	73	5	86	0.6	91	1.2
Deuel	1	17	0.3	18	0	0	0.0	0	0.0
Dewey	14	242	4.4	256	57	976	6.3	1,038	4.0
Douglas	0	0	0.0	0	0	0	0.0	0	0
Edmunds	2	35	0.6	37	5	86	0.6	91	2.5
Fall River	3	52	0.9	55	0	0	0.0	0	0.0
Faulk	2	35	0.6	37	3	51	0.3	55	1.5
Grant	5	87	1.6	91	2	34	0.2	36	0.4
Gregory	9	156	2.8	165	17	291	1.9	310	1.9
Haakon	13	225	4.0	238	51	873	5.7	929	3.9
Hamlin	0	0	0.0	0	0	0	0.0	0	0
Hand	3	52	0.9	55	5	86	0.6	91	1.6
Hanson	0	0	0.0	0	0	0	0.0	0	0
Harding	7	121	2.2	128	26	445	2.9	474	3.7
Hughes	10	173	3.1	183	13	223	1.4	237	1.3
Hutchinson	1	17	0.3	18	1	17	0.1	18	1.0
Hyde	5	87	1.6	91	10	171	1.1	182	2.0
Jackson	8	138	2.5	146	13	223	1.4	237	1.6
Jerauld	3	52	0.9	55	2	34	0.2	36	0.7
Jones	9	156	2.8	165	33	565	3.7	601	3.6
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	22	381	6.9	402	81	1,386	9.0	1,476	3.6
McCook	0	0	0.0	0	0	0	0.0	0	0
McPherson	7	121	2.2	128	43	736	4.8	783	6.1
Marshall	4	69	1.2	73	7	120	0.8	128	1.7
Meade	21	364	6.5	384	43	736	4.8	783	2.0
Mellette	11	190	3.4	201	37	633	4.1	674	3.3
Miner	2	35	0.6	37	8	137	0.9	146	4.0
Moody	0	0	0.0	0	0	0	0.0	0	0
Perkins	25	433	7.8	457	78	1,335	8.6	1,421	3.1
Potter	2	35	0.6	37	2	34	0.2	36	1.0
Roberts	4	69	1.2	73	13	223	1.4	237	3.2
Sanborn	1	17	0.3	18	0	0	0.0	0	0.0
Spink	0	0	0.0	0	0	0	0.0	0	0
Stanley	33	571	10.3	603	94	1,609	10.4	1,712	2.8
Sully	6	104	1.9	110	1	17	0.1	18	0.2
Tripp	8	138	2.5	146	83	1,421	9.2	1,512	10.3
Turner	0	0	0.0	0	0	0	0.0	0	0
Union	0	0	0.0	0	0	0	0.0	0	0
Walworth	8	138	2.5	146	5	86	0.6	91	0.6
Ziebach	7	121	2.2	128	23	394	2.5	419	3.2
Shannon	0	0	0.0	0	0	0	0.0	0	0
Todd	2	35	0.6	37	7	120	0.8	128	3.5
Unknown	18	312	-	-	58	993	-	-	3.2
TOTALS:	***339***	***5,868***	***100.0%***	***5,868***	***960***	***16,431***	***100%***	***16,431***	***2.80***

Last Revised: 22 May 2019

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

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

Nonresident Grouse Harvest Distribution by County 2018

	HUNTER DISTRIBUTION				HARVEST DISTRIBUTION				
COUNTY	***# Reported***	***# Projected***	***% of Total***	***# Proj w/ Unk ****	***# Reported***	***# Projected***	***% of Total***	***# Proj w/ Unk ****	***Birds/Hunter***
Minnehaha	0	0	0.0	0	0	0	0.0	0	0
Pennington	0	0	0.0	0	0	0	0.0	0	0
Brown	1	15	0.4	16	0	0	0.0	0	0.0
Beadle	1	15	0.4	16	2	30	0.4	31	2.0
Codington	1	15	0.4	16	0	0	0.0	0	0.0
Brookings	0	0	0.0	0	0	0	0.0	0	0
Yankton	1	15	0.4	16	3	46	0.6	46	3.0
Davison	0	0	0.0	0	0	0	0.0	0	0
Lawrence	0	0	0.0	0	0	0	0.0	0	0
Aurora	1	15	0.4	16	0	0	0.0	0	0.0
Bennett	2	30	0.8	31	1	15	0.2	15	0.5
Bon Homme	2	30	0.8	31	3	46	0.6	46	1.5
Brule	5	76	2.0	78	2	30	0.4	31	0.4
Buffalo	1	15	0.4	16	2	30	0.4	31	2.0
Butte	0	0	0.0	0	0	0	0.0	0	0
Campbell	4	61	1.6	62	2	30	0.4	31	0.5
Chas Mix	5	76	2.0	78	5	76	1.0	77	1.0
Clark	0	0	0.0	0	0	0	0.0	0	0
Clay	0	0	0.0	0	0	0	0.0	0	0
Corson	11	168	4.3	172	24	365	5.0	370	2.2
Custer	0	0	0.0	0	0	0	0.0	0	0
Day	0	0	0.0	0	0	0	0.0	0	0
Deuel	0	0	0.0	0	0	0	0.0	0	0
Dewey	21	320	8.2	328	68	1,035	14.1	1,048	3.2
Douglas	0	0	0.0	0	0	0	0.0	0	0
Edmunds	0	0	0.0	0	0	0	0.0	0	0
Fall River	1	15	0.4	16	2	30	0.4	31	2.0
Faulk	4	61	1.6	62	4	61	0.8	62	1.0
Grant	0	0	0.0	0	0	0	0.0	0	0
Gregory	10	152	3.9	156	7	107	1.5	108	0.7
Haakon	8	122	3.1	125	19	289	3.9	293	2.4
Hamlin	0	0	0.0	0	0	0	0.0	0	0
Hand	11	168	4.3	172	8	122	1.7	123	0.7
Hanson	0	0	0.0	0	0	0	0.0	0	0
Harding	5	76	2.0	78	26	396	5.4	401	5.2
Hughes	16	244	6.3	250	46	700	9.5	709	2.9
Hutchinson	0	0	0.0	0	0	0	0.0	0	0
Hyde	4	61	1.6	62	3	46	0.6	46	0.7
Jackson	1	15	0.4	16	6	91	1.2	92	6.0
Jerauld	0	0	0.0	0	0	0	0.0	0	0
Jones	11	168	4.3	172	17	259	3.5	262	1.5
Kingsbury	1	15	0.4	16	1	15	0.2	15	1.0
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	32	488	12.5	499	51	776	10.6	786	1.6
McCook	1	15	0.4	16	3	46	0.6	46	3.0
McPherson	6	91	2.4	94	3	46	0.6	46	0.5
Marshall	1	15	0.4	16	0	0	0.0	0	0.0
Meade	3	46	1.2	47	0	0	0.0	0	0.0
Mellette	1	15	0.4	16	1	15	0.2	15	1.0
Miner	1	15	0.4	16	0	0	0.0	0	0.0
Moody	0	0	0.0	0	0	0	0.0	0	0
Perkins	16	244	6.3	250	40	609	8.3	616	2.5
Potter	5	76	2.0	78	9	137	1.9	139	1.8
Roberts	1	15	0.4	16	0	0	0.0	0	0.0
Sanborn	0	0	0.0	0	0	0	0.0	0	0
Spink	1	15	0.4	16	1	15	0.2	15	1.0
Stanley	26	396	10.2	406	66	1,005	13.7	1,017	2.5
Sully	6	91	2.4	94	12	183	2.5	185	2.0
Tripp	9	137	3.5	140	8	122	1.7	123	0.9
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	9	137	3.5	140	17	259	3.5	262	1.9
Ziebach	7	107	2.7	109	16	244	3.3	247	2.3
Shannon	0	0	0.0	0	0	0	0.0	0	0
Todd	2	30	0.8	31	4	61	0.8	62	2.0
Unknown	6	91	-	-	6	91	-	-	1.0
TOTALS:	***261***	***3,979***	***100%***	***3,979***	***488***	***7,429***	***100%***	***7,429***	***1.87***

Last Revised: 22 May 2019

** 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, and seasons were restrictive. Length of season ranged from 2 to 7 days, with many seasons held during the week with daily bag limits of 1 or 2 birds. In 1980, the population was declining and continued to decline until the mid-1980s. It then stabilized with some fluctuations from year to year. Currently, the population is considered too low to support having a hunting season. The sage grouse hunting season was re-opened in 2000, closed again in 2013, re-opened in 2016, and closed again in 2017.

Comparison of the 2007-2018 Sage Grouse harvests

			Harvest by County		Harvest by Age & Sex			
Year	# of Hunters	Total Harvest	Butte	Harding	Hatch Year Male	Hatch Year Female	Adult Male	Adult Female
2007	25	10	2	8	5	2	3	0
2008	24	17	5	12	3	5	6	3
2009	20	7	3	4	2	3	0	2
2010	26	12	9	3	1	0	6	5
2011	27	11	6	5	3	2	3	3
2012	35	9	2	7	0	0	3	6
2013-15	No Season							
2016	28	10	1	9	3	4	1	2
2017-18	No Season							

MOURNING DOVE

The 2018 mourning dove season was open 1 September - 9 November statewide. The daily limit was 15 birds, possession 30. To hunt doves, residents were required to hold a small game, 1-day small game, adult, senior or junior combination, or youth small game license; nonresidents were required to obtain a nonresident small game or nonresident youth small game license. All hunters were also required to purchase a Migratory Bird Certificate.

In 2018, 25,761 resident and 72,746 nonresident licenses were issued to hunt doves. Approximately 23% of resident migratory bird hunters and 11% of nonresident small game hunters were surveyed for the mourning dove season. Survey response rates were 60% for residents and 60% for nonresidents.

Based on survey responses indicating at least one day of hunting doves, there were an estimated 6,805 active dove hunters. The five counties with the highest reported dove harvest were Hughes, Codington, Brown, Minnehaha, and Stanley.

An estimated total of 124,407 doves were harvested during the 2018 season. When asked their satisfaction on the season, (1 being least, 7 being most satisfied), resident dove hunters reported an average satisfaction rating of 5.12, nonresidents 5.72.

Summary comparison of the 2009 - 2018 mourning dove seasons

	Residents					***Nonresidents***				
Year	***Number Hunters***	***Harvest***	***Ave Day Hunted***	***Ave Bag***	***Satis-faction***	***Number Hunters***	***Harvest***	***Ave Day Hunted***	***Ave Bag***	***Satis-faction***
2009	6,892	114,821	4.34	16.66	4.93	285	6,698	4.44	23.50	5.81
2010	6,035	93,361	4.15	15.47	5.13	258	4,267	4.23	16.54	6.38
2011	6,112	82,291	3.50	13.46	5.27	332	6,563	3.65	19.79	5.41
2012	5,984	88,036	4.16	14.71	4.99	366	7,071	3.19	19.78	5.78
2013	6,752	113,367	4.56	16.79	5.06	210	2,061	2.67	9.80	5.27
2014	8,345	167,407	4.67	20.06	5.05	316	3,991	2.95	12.62	5.71
2015	7,255	127,217	4.66	17.53	5.07	396	7,705	3.29	19.46	5.83
2016	7,131	122,876	4.19	17.23	4.89	318	3,601	2.79	11.32	5.59
2017	6,828	124,052	4.11	18.17	5.12	275	3,463	3.79	12.58	4.63
2018	6,531	120,835	4.16	18.50	5.12	275	3,571	3.22	13.00	5.72

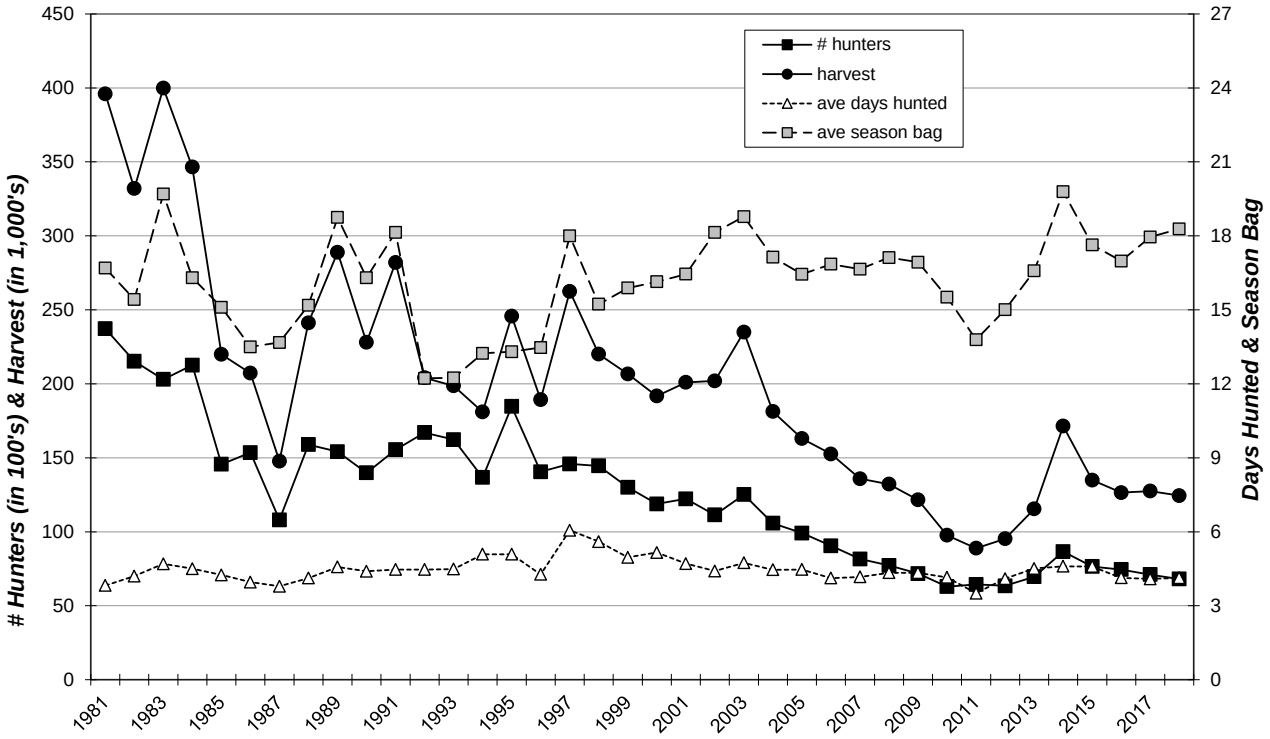
MOURNING DOVE HARVEST PROJECTIONS FOR 2018

Last Revised: 26 June 2019

	Resident	Non Resident
Licenses Sold *	25,761	72,746
Unique License Holders	25,759	71,347
Projected ACTIVE MOURNING DOVE HUNTERS	**6,531**	**275**
Number Sampled by Survey	5,853	7,811
Number Responded to Survey	3,491	4,675
Responded and Participated in Season	885	18
Responded but DID NOT HUNT	**2,606**	**4,657**
Survey Response Rate	**59.6%**	**59.9%**
No. Hunters Reporting Dove Days	885	18
Total Reported Dove Hunted Days	3,686	58
Average Days Hunted Doves	**4.16**	**3.22**
Total Reported Doves Bagged	16,375	234
Average Dove Bag for Season	**18.50**	**13.00**
Projected Days Dove Hunting	**27,200**	**885**
Projected No. Dove Hunters	**6,531**	**275**
Projected Dove Bag	**120,835**	**3,571**
Avg Days Hunted	**4.13**	
TOTAL DOVE HARVEST =	***124,407***	
Dove Hunter Mean Satisfaction Score *1*	5.12	5.72

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

STATEWIDE MOURNING DOVE HARVEST, 1981-2018



Mourning Dove Harvest Distribution by County 2018

	HUNTER DISTRIBUTION				HARVEST DISTRIBUTION				
COUNTY	***# Reported***	***# Projected***	***% of Total***	***# Proj w/ Unk ****	***# Reported***	***# Projected***	***% of Total***	***# Proj w/ Unk ****	***Birds/Hunter *****
Minnehaha	52	392	6.0	407	714	5,348	4.4	5,517	13.6
Pennington	26	196	3.0	203	378	2,831	2.3	2,921	14.4
Brown	32	241	3.7	250	317	2,374	2.0	2,449	9.8
Beadle	14	106	1.6	110	271	2,030	1.7	2,094	19.2
Codington	36	271	4.1	282	690	5,168	4.3	5,332	19.0
Brookings	22	166	2.5	172	304	2,277	1.9	2,349	13.7
Yankton	32	241	3.7	250	708	5,303	4.4	5,471	22.0
Davison	27	203	3.1	211	572	4,284	3.6	4,420	21.1
Lawrence	5	38	0.6	39	9	67	0.1	70	1.8
Aurora	11	83	1.3	86	325	2,434	2.0	2,511	29.4
Bennett	7	53	0.8	55	83	622	0.5	641	11.8
Bon Homme	14	106	1.6	110	227	1,700	1.4	1,754	16.1
Brule	19	143	2.2	149	312	2,337	1.9	2,411	16.3
Buffalo	2	15	0.2	16	31	232	0.2	240	15.4
Butte	3	23	0.3	23	25	187	0.2	193	8.3
Campbell	3	23	0.3	23	8	60	0.0	62	2.7
Charles Mix	32	241	3.7	250	625	4,681	3.9	4,829	19.4
Clark	5	38	0.6	39	153	1,146	1.0	1,182	30.4
Clay	13	98	1.5	102	191	1,431	1.2	1,476	14.6
Corson	2	15	0.2	16	58	434	0.4	448	28.8
Custer	9	68	1.0	70	225	1,685	1.4	1,739	24.8
Day	18	136	2.1	141	458	3,431	2.8	3,539	25.3
Deuel	11	83	1.3	86	227	1,700	1.4	1,754	20.5
Dewey	2	15	0.2	16	22	165	0.1	170	10.9
Douglas	15	113	1.7	117	277	2,075	1.7	2,140	18.4
Edmunds	12	90	1.4	94	221	1,655	1.4	1,708	18.3
Fall River	12	90	1.4	94	86	644	0.5	665	7.1
Faulk	4	30	0.5	31	50	375	0.3	386	12.4
Grant	11	83	1.3	86	357	2,674	2.2	2,759	32.3
Gregory	5	38	0.6	39	102	764	0.6	788	20.3
Haakon	11	83	1.3	86	246	1,843	1.5	1,901	22.2
Hamlin	14	106	1.6	110	204	1,528	1.3	1,576	14.5
Hand	5	38	0.6	39	69	517	0.4	533	13.7
Hanson	15	113	1.7	117	227	1,700	1.4	1,754	15.0
Harding	0	0	0.0	0	0	0	0.0	0	0
Hughes	99	746	11.4	774	2,554	19,130	15.9	19,735	25.6
Hutchinson	9	68	1.0	70	72	539	0.4	556	8.0
Hyde	2	15	0.2	16	6	45	0.0	46	3.0
Jackson	2	15	0.2	16	50	375	0.3	386	24.8
Jerauld	1	8	0.1	8	5	37	0.0	39	5.0
Jones	3	23	0.3	23	65	487	0.4	502	21.5
Kingsbury	14	106	1.6	110	268	2,007	1.7	2,071	19.0
Lake	11	83	1.3	86	86	644	0.5	665	7.8
Lincoln	13	98	1.5	102	392	2,936	2.4	3,029	30.0
Lyman	12	90	1.4	94	266	1,992	1.7	2,055	22.0
McCook	11	83	1.3	86	53	397	0.3	410	4.8
McPherson	8	60	0.9	63	56	419	0.3	433	7.0
Marshall	9	68	1.0	70	86	644	0.5	665	9.5
Meade	15	113	1.7	117	345	2,584	2.1	2,666	22.9
Mellette	4	30	0.5	31	170	1,273	1.1	1,314	42.2
Miner	6	45	0.7	47	37	277	0.2	286	6.1
Moody	8	60	0.9	63	66	494	0.4	510	8.2
Perkins	6	45	0.7	47	182	1,363	1.1	1,406	30.1
Potter	6	45	0.7	47	87	652	0.5	672	14.4
Roberts	9	68	1.0	70	137	1,026	0.9	1,059	15.1
Sanborn	7	53	0.8	55	88	659	0.5	680	12.5
Spink	13	98	1.5	102	242	1,813	1.5	1,870	18.5
Stanley	23	173	2.6	180	665	4,981	4.1	5,139	28.7
Sully	19	143	2.2	149	286	2,142	1.8	2,210	15.0
Tripp	12	90	1.4	94	240	1,798	1.5	1,855	19.9
Turner	14	106	1.6	110	159	1,191	1.0	1,229	11.3
Union	15	113	1.7	117	221	1,655	1.4	1,708	14.6
Walworth	15	113	1.7	117	365	2,734	2.3	2,820	24.2
Ziebach	3	23	0.3	23	79	592	0.5	610	26.2
Shannon	0	0	0.0	0	0	0	0.0	0	0
Todd	0	0	0.0	0	0	0	0.0	0	0
Unk/Unreported	33	249	-	-	509	3,813	-		15.3
TOTALS:	***903***	***6,805***	***100%***	***6,805***	***16,609***	***124,407***	***100%***	***124,407***	***18.28***

Last Revised: 26 June 2019

** 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.*

WATERFOWL

In 2018, there were an estimated 15,371 active resident migratory bird hunters in South Dakota, of which 12,750 were active waterfowl hunters. There were also an estimated 4,326 nonresidents that participated in waterfowl hunting. A random sample of approximately 23% of the resident migratory bird certificate holders and 66% of the nonresident waterfowl license holders were surveyed. Nonresident youth license holders were not surveyed. The survey response rates were 60% for residents and 70% 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 4.95 for residents, and 5.10 for nonresidents.

Summary comparison of the 2009 - 2018 waterfowl seasons

	Residents				Nonresidents		
Year	Active Mig Bird Hunters	Active Waterfowl Hunters	Survey Response Rate	Satisfaction	Active Waterfowl Hunters	Survey Response Rate	Satisfaction
2009	19,752	17,558	75%	4.87	4,300	83%	5.38
2010	19,436	17,652	69%	5.14	4,420	74%	5.50
2011	18,836	17,085	52%	5.27	4,326	80%	5.50
2012	18,553	16,725	56%	5.16	4,287	74%	5.30
2013	18,751	16,698	66%	5.04	4,142	80%	5.31
2014	19,643	16,921	68%	4.92	3,798	80%	5.17
2015	17,231	14,579	64%	4.84	4,195	78%	4.91
2016	16,461	13,770	61%	4.86	4,254	73%	4.79
2017	16,478	13,814	60%	5.04	4,523	69%	5.16
2018	15,371	12,750	60%	4.95	4,326	70%	5.10

WATERFOWL HUNTING SUMMARY FOR 2018

Revised: 25 June 2019

	NONRESIDENT TOTALS BY UNIT								NR	Resident
	00A	00B	11A	00V	00X	00Y	00Z	YW1	Totals	Total
1st Choice Applicants	295	3,621	10	123	10	435	62	11	4,567	NA
Licenses Available	250	3,725	25	500	750	500	250	100	6,100	NA
Licenses Sold	**250**	**3,720**	**25**	**308**	**254**	**496**	**251**	**18**	**5,322**	25,761
Projected ACTIVE MIGRATORY BIRD HUNTERS	**190**	**3,051**	**19**	**207**	**220**	**422**	**199**	**18**	**4,326**	**15,371**
Unique Licenseholders	**250**	**3,720**	**25**	**296**	**237**	**496**	**251**	**18**	**5,293**	**25,759**
Number Sampled by Survey	245	1,990	23	278	198	495	244	0	**3,473**	5,853
Number Responded to Survey	175	1,478	18	169	124	321	146		**2,431**	3,491
% Responded and Participated in Season	76%	82%	78%	70%	93%	85%	79%		81%	60%
Responded and Participated in Season	133	1,212	14	118	115	273	116		**1,981**	2,083
Responded but DID NOT HUNT	42	266	4	51	9	48	30		**450**	1,408
Survey Response Rate	**71.4%**	**74.3%**	**78.3%**	**60.8%**	**62.6%**	**64.8%**	**59.8%**		**70.0%**	**59.6%**
No. Hunters Reporting Goose or Duck Days	133	1212	14	118	115	273	116		1,981	1,728
Projected Waterfowl Hunters - Ducks and Geese	**190**	**3,051**	**19**	**207**	**220**	**422**	**199**	**18**	**4,326**	**12,750**
									TOTAL WATERFOWL HUNTERS =	***17,076***
All Waterfowl Hunter Mean Satisfaction Score *1*	4.75	5.18	5.82	5.01	5.28	5.30	5.06		5.10	4.95

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

TUNDRA SWAN

The 2018 Tundra Swan season was open from September 29 - January 11 in the following counties: Campbell, Walworth, Potter, Sully, Hughes, Hyde, Hand, Faulk, Spink, McPherson, Edmunds, Brown, Marshall, Roberts, Day, Grant, Codington, Clark, Hamlin, Deuel, Beadle, Kingsbury, Brookings, Buffalo, Jerauld, Brule, Aurora, Sanborn, Miner, Lake, Moody, Davison, Hanson, McCook, and Minnehaha. Residents and nonresidents could purchase up to two licenses. To hunt swans, residents were required to hold a small game, 1-day small game, senior, 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.

There were 1,300 licenses available for the 2018 Tundra Swan season (1,100 residents, 200 nonresidents) and 1,189 licenses were sold (973 residents, 216 nonresidents; 158 hunters purchased two licenses each). A random sample of 498 swan hunters was surveyed and the response rate was 69%. Approximately 74% of hunters that responded did so over the Internet.

From the survey responses, there were a projected 179 swans harvested during the 2018 season. An estimated 14 swans were crippled and not recovered. When asked their satisfaction on the season, (1 being least satisfied, 7 being most satisfied), swan hunters reported an average rating of 4.85. From those who responded, 40% indicated they did not hunt for swans (some hunters indicated they just purchased the license in case they happened to see a swan while hunting other waterfowl). The average days hunted by all license holders (4.71 days) projected to a total of 4,856 recreation days for the season.

The four counties with the highest reported swan harvests were McPherson, Clark, Brown, and Codington.

Comparison of the 2009 – 2018 Tundra Swan seasons

	Licenses Sold			Harvest	Avg Days	Percent	Average
Year	Resident	Nonres	Total	(w/o cripples)	Hunted	Success	Satisfaction
2009	1,034	208	1,242	297	3.72	24%	5.02
2010	991	243	1,234	191	2.77	15%	4.79
2011	978	178	1,156	261	2.94	23%	5.05
2012	1,064	202	1,266	157	2.85	12%	4.97
2013	1,081	178	1,259	306	3.01	24%	5.31
2014	1,018	198	1,216	280	3.27	23%	5.11
2015	1,088	211	1,299	229	3.07	18%	5.09
2016	938	145	1,083	82	2.96	8%	4.81
2017	888	180	1,068	232	5.17	22%	5.10
2018	973	216	1,189	179	4.71	15%	4.85

2018 Tundra Swan Harvest Projections

Last Revised: 24-May-2019	Licenses									Harvest Projections						
	Resident			Nonresident												
Unit/Type	App. 1st Choice *	Available	Sold	App. 1st Choice *	Available	Sold	Hunters	Response Rate	Tag Success	Cripples **	Adults	Juvnles	Unk.	Total Harvest	Ave. Days Hunted	Ave. Satis-faction
00A-81	378	1,100	973	107	200	216	1,031	69.3%	15%	14	167	3	9	179	4.71	4.85

** Number of 1st drawing applicants with that season as 1st choice.*
*** Cripple estimate not included in Total Harvest Estimate.*
Satisfaction is based on scale with 1=very dissatisfied and 7=very satisfied.

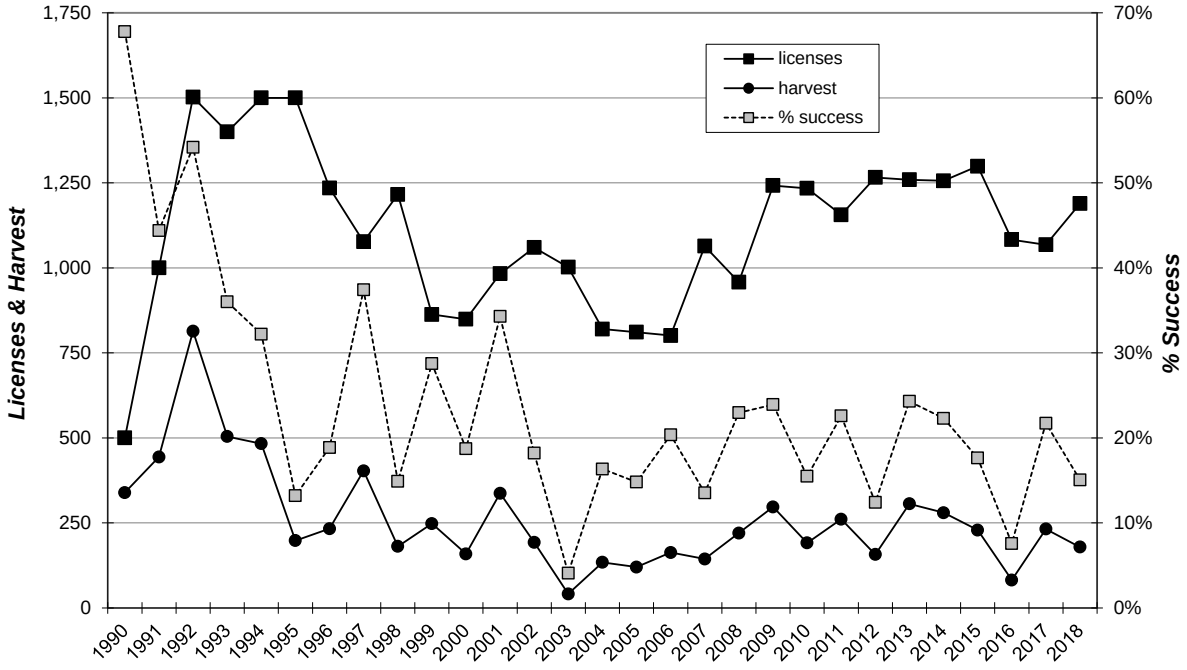
Tundra Swan Harvest Distribution by County 2018

	HARVEST DISTRIBUTION			
COUNTY	***# Reported***	***# Projected***	***% of Total***	***# Proj w/ Unk ****
Brown	7	21	12.5	22
Beadle	0	0	0.0	0
Codington	5	15	8.9	16
Brookings	1	3	1.8	3
Campbell	4	12	7.1	13
Clark	10	30	17.9	32
Day	4	12	7.1	13
Deuel	0	0	0.0	0
Edmunds	1	3	1.8	3
Faulk	0	0	0.0	0
Grant	0	0	0.0	0
Hamlin	0	0	0.0	0
Hyde	0	0	0.0	0
Kingsbury	2	6	3.6	6
Lake	0	0	0.0	0
McPherson	17	51	30.4	54
Marshall	1	3	1.8	3
Potter	2	6	3.6	6
Roberts	1	3	1.8	3
Spink	1	3	1.8	3
Walworth	0	0	0.0	0
Unk/Unreported	4	12	-	
TOTALS:	***60***	***179***	***100%***	***179***

Last Revised: 24 May 2019

** 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.*

TUNDRA SWAN HARVEST, 1990-2018



DUCKS (all species)

The 2018 duck season was open 29 September 2018 - 17 January 2019 statewide, although some units/zones may have opened later and/or closed sooner. A special Youth Waterfowl season was open 22-23 September for youth that had not reached age 16 by the first day of the season. The daily bag was 6 ducks, which could include no more than 5 mallards (up to 2 hens), 3 scaup, 2 redheads, 3 wood ducks, 2 canvasbacks, or 2 pintails. Hunters could also harvest 2 bonus blue-winged teal daily during the first 16 days of the season. The daily limit on mergansers was 5, which could include no more than 2 hooded mergansers, and the daily limit on coots was 15. The possession limit was three times the daily bag for each species. To hunt ducks, residents were required to hold small game, 1-day small game, adult, senior 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 2018, there were an estimated 14,322 hunters who hunted at least one day for ducks (10,271 residents, 4,051 nonresidents). From the survey responses, there were a projected total of 175,822 ducks harvested (134,307 by residents, 41,515 by nonresidents). Nonresidents reported harvesting 9% of their ducks within 20 miles of the Missouri River. Average bag for residents was 13.08, and for nonresidents ranged from 2.08 in unit 11A to 13.81 in unit 00B.

The five counties with the highest reported resident hunter numbers were Day, Codington, Brookings, Kingsbury, and Lake. The five counties with the highest reported unit 00B nonresident hunter numbers were Day, Brown, Clark, Marshall, and Roberts.

When asked their satisfaction on the season, (1 being most dissatisfied, 7 being most satisfied), duck hunters reported an average satisfaction rating of 4.99 for residents and 5.11 for nonresidents.

The average days hunted by all hunters (6.88 residents, 4.31 nonresidents) projected to a total of 88,091 recreation days for the season.

Comparison of the 2013 - 2018 duck season statistics

	Resident Hunters					Nonresident Hunters				
Year	Number Hunters	Harvest	Ave Day Hunted	Ave Bag	Satis-faction	Number Hunters	Harvest	Ave Day Hunted	Ave Bag	Satis-faction
2013	13,456	195,935	7.41	14.56	5.09	3,842	47,873	4.53	12.46	5.31
2014	13,471	179,674	7.12	13.34	4.95	3,565	42,307	4.44	11.87	5.16
2015	11,994	169,183	7.22	14.11	4.87	3,937	44,562	4.54	11.32	4.90
2016	10,533	143,749	7.18	13.65	4.81	3,832	41,356	4.70	10.79	4.75
2017	10,557	143,976	6.90	13.64	5.05	4,159	45,344	4.31	10.90	5.14
2018	10,271	134,307	6.88	13.08	4.99	4,051	41,515	4.31	10.25	5.11

DUCK HUNTING SUMMARY FOR 2018

Revised: 25 June 2019

	NONRESIDENT TOTALS BY UNIT								NR	Resident
	00A	00B	11A	00V	00X	00Y	00Z	YW1	Totals	Total
No. Hunters Reporting Duck Days	127	1,184	12	107	44	269	108		1,851	1,392
Total Reported Duck Hunted Days	951	5,467	37	306	115	709	265		7,850	9,570
Average Days Hunted Ducks	**7.49**	**4.62**	**3.08**	**2.86**	**2.61**	**2.64**	**2.45**		**4.31**	**6.88**
Total Reported Ducks Bagged	1,754	13,210	25	813	98	1,923	665		**18,488**	18,202
Average Duck Bag for Season	**13.81**	**11.16**	**2.08**	**7.60**	**2.23**	**7.15**	**6.16**		**10.25**	**13.08**
Projected Days Duck Hunting	**1,359**	**13,760**	**51**	**536**	**220**	**1,096**	**456**		**17,477**	**70,614**
Projected No. Duck Hunters	**181**	**2,980**	**17**	**187**	**84**	**416**	**186**		**4,051**	**10,271**
Projected Duck Bag	**2,506**	**33,248**	**35**	**1,424**	**187**	**2,971**	**1,143**		**41,515**	**134,307**
Duck Harvest Reported Within 20 Miles of Missouri River	1,569	434	0	162	53	17	48		2,283	
Projected Ducks Bagged w/in 20 miles of Missouri River	**2,241**	**1,092**	**0**	**284**	**101**	**26**	**83**		**3,828**	**N/A**
									TOTAL DUCK HARVEST =	***175,822***
Duck Hunter Mean Satisfaction Score *1*	5.16	5.13	3.83	5.16	4.40	5.10	5.13		5.11	4.99

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

Resident Duck Harvest Distribution by County 2018

	HUNTER DISTRIBUTION				HARVEST DISTRIBUTION				
COUNTY	***# Reported***	***# Projected***	***% of Total***	***# Proj w/ Unk ****	***# Reported***	***# Projected***	***% of Total***	***# Proj w/ Unk ****	***Birds/Hunter *****
Minnehaha	55	406	4.2	429	658	4,855	3.7	5,030	12.0
Pennington	14	103	1.1	109	88	649	0.5	673	6.3
Brown	42	310	3.2	327	372	2,745	2.1	2,844	8.9
Beadle	25	184	1.9	195	357	2,634	2.0	2,729	14.3
Codington	78	576	5.9	608	916	6,759	5.2	7,002	11.7
Brookings	74	546	5.6	577	1,203	8,877	6.8	9,196	16.3
Yankton	22	162	1.7	171	326	2,405	1.9	2,492	14.8
Davison	9	66	0.7	70	58	428	0.3	443	6.4
Lawrence	11	81	0.8	86	45	332	0.3	344	4.1
Aurora	18	133	1.4	140	282	2,081	1.6	2,156	15.7
Bennett	7	52	0.5	55	96	708	0.5	734	13.7
Bon Homme	21	155	1.6	164	404	2,981	2.3	3,088	19.2
Brule	19	140	1.4	148	278	2,051	1.6	2,125	14.6
Buffalo	0	0	0.0	0	0	0	0.0	0	0
Butte	16	118	1.2	125	105	775	0.6	803	6.6
Campbell	9	66	0.7	70	93	686	0.5	711	10.3
Charles Mix	30	221	2.3	234	482	3,557	2.7	3,684	16.1
Clark	57	421	4.3	444	824	6,080	4.7	6,299	14.5
Clay	15	111	1.1	117	338	2,494	1.9	2,584	22.5
Corson	0	0	0.0	0	0	0	0.0	0	0
Custer	2	15	0.2	16	23	170	0.1	176	11.5
Day	105	775	8.0	818	2,097	15,473	11.9	16,030	20.0
Deuel	18	133	1.4	140	261	1,926	1.5	1,995	14.5
Dewey	1	7	0.1	8	20	148	0.1	153	20.0
Douglas	8	59	0.6	62	45	332	0.3	344	5.6
Edmunds	28	207	2.1	218	168	1,240	1.0	1,284	6.0
Fall River	22	162	1.7	171	168	1,240	1.0	1,284	7.6
Faulk	7	52	0.5	55	60	443	0.3	459	8.6
Grant	17	125	1.3	132	182	1,343	1.0	1,391	10.7
Gregory	0	0	0.0	0	0	0	0.0	0	0
Haakon	2	15	0.2	16	27	199	0.2	206	13.5
Hamlin	42	310	3.2	327	439	3,239	2.5	3,356	10.5
Hand	8	59	0.6	62	81	598	0.5	619	10.1
Hanson	17	125	1.3	132	236	1,741	1.3	1,804	13.9
Harding	1	7	0.1	8	8	59	0.0	61	8.0
Hughes	30	221	2.3	234	238	1,756	1.4	1,819	7.9
Hutchinson	15	111	1.1	117	466	3,438	2.7	3,562	31.1
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	6	44	0.5	47	70	517	0.4	535	11.7
Jones	1	7	0.1	8	0	0	0.0	0	0.0
Kingsbury	90	664	6.8	701	1,367	10,087	7.8	10,449	15.2
Lake	66	487	5.0	514	1,193	8,803	6.8	9,119	18.1
Lincoln	9	66	0.7	70	67	494	0.4	512	7.4
Lyman	3	22	0.2	23	10	74	0.1	76	3.3
McCook	46	339	3.5	358	615	4,538	3.5	4,701	13.4
McPherson	21	155	1.6	164	292	2,155	1.7	2,232	13.9
Marshall	37	273	2.8	288	493	3,638	2.8	3,769	13.3
Meade	13	96	1.0	101	64	472	0.4	489	4.9
Mellette	1	7	0.1	8	2	15	0.0	15	2.0
Miner	20	148	1.5	156	136	1,004	0.8	1,040	6.8
Moody	7	52	0.5	55	128	944	0.7	978	18.3
Perkins	5	37	0.4	39	90	664	0.5	688	18.0
Potter	5	37	0.4	39	41	303	0.2	313	8.2
Roberts	37	273	2.8	288	488	3,601	2.8	3,730	13.2
Sanborn	18	133	1.4	140	200	1,476	1.1	1,529	11.1
Spink	16	118	1.2	125	145	1,070	0.8	1,108	9.1
Stanley	12	89	0.9	94	148	1,092	0.8	1,131	12.3
Sully	15	111	1.1	117	88	649	0.5	673	5.9
Tripp	3	22	0.2	23	5	37	0.0	38	1.7
Turner	12	89	0.9	94	160	1,181	0.9	1,223	13.3
Union	17	125	1.3	132	159	1,173	0.9	1,215	9.4
Walworth	11	81	0.8	86	159	1,173	0.9	1,215	14.5
Ziebach	1	7	0.1	8	0	0	0.0	0	0.0
Shannon	0	0	0.0	0	0	0	0.0	0	0
Todd	1	7	0.1	8	6	44	0.0	46	6.0
Unk/Unreported	74	546	-	-	632	4,663	-		8.5
TOTALS:	***1,392***	***10,271***	***100%***	***10,271***	***18,202***	***134,307***	***100%***	***134,307***	***13.08***

Last Revised: 26 June 2019

** 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.*

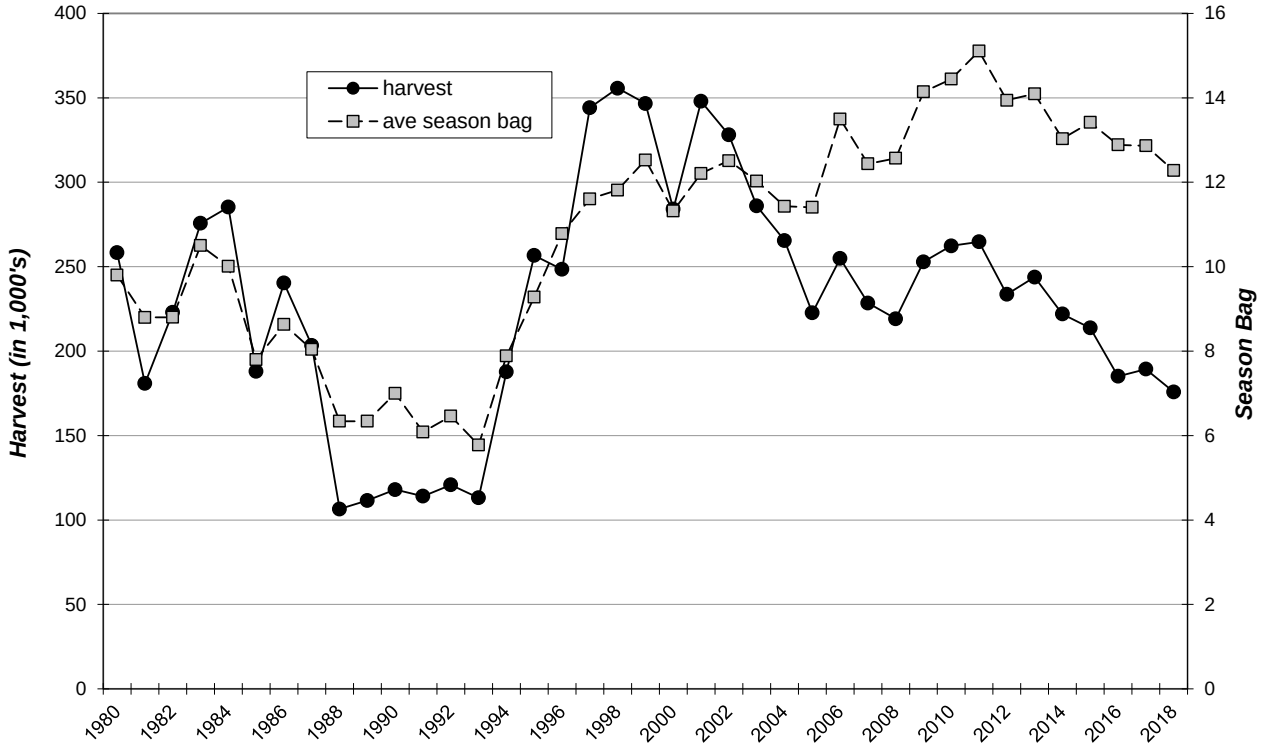
*** Calculation uses "# projected" values without correction for unknown/unreported county values.*

2018 Reported Nonresident Duck Hunting Distribution by County

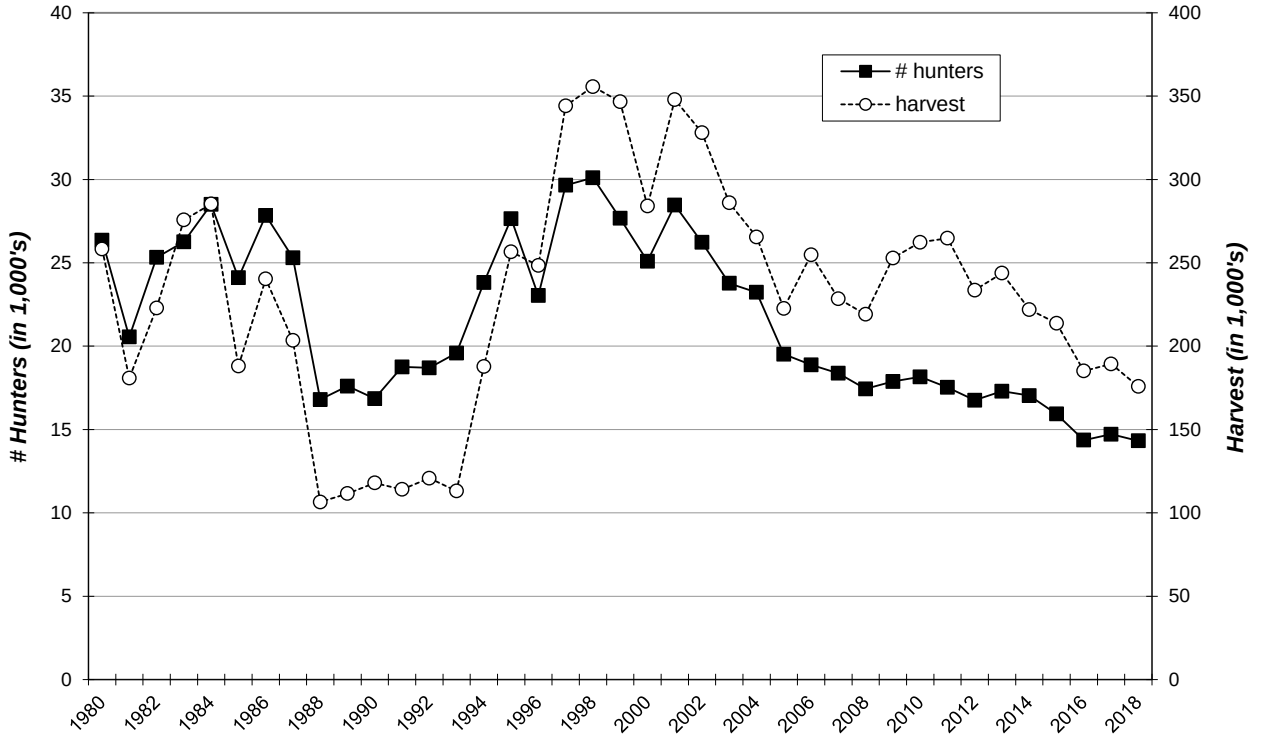
COUNTY	00A	00B	00V	00X	00Y	00Z	11A	00B PERCENT	00V PERCENT	00Y PERCENT
Minnehaha	0	4	0	0	0	1	0	0.3%	0.0%	0.0%
Pennington	0	1	0	0	0	1	0	0.1%	0.0%	0.0%
Brown	0	77	44	0	0	0	0	6.7%	42.7%	0.0%
Beadle	0	11	0	0	0	2	0	1.0%	0.0%	0.0%
Codington	0	47	0	0	22	0	0	4.1%	0.0%	8.4%
Brookings	0	23	0	0	0	7	0	2.0%	0.0%	0.0%
Yankton	17	1	1	0	1	0	0	0.1%	1.0%	0.4%
Davison	0	4	0	0	0	9	0	0.3%	0.0%	0.0%
Lawrence	0	7	0	0	0	1	0	0.6%	0.0%	0.0%
Aurora	0	14	0	0	0	7	0	1.2%	0.0%	0.0%
Bennett	0	0	0	0	0	0	11	0.0%	0.0%	0.0%
Bon Homme	68	0	0	0	0	1	0	0.0%	0.0%	0.0%
Brule	0	25	0	1	0	3	0	2.2%	0.0%	0.0%
Buffalo	0	2	0	0	0	0	0	0.2%	0.0%	0.0%
Butte	0	1	0	0	0	3	0	0.1%	0.0%	0.0%
Campbell	0	7	9	0	0	0	0	0.6%	8.7%	0.0%
Charles Mix	21	3	0	0	0	0	0	0.3%	0.0%	0.0%
Clark	0	103	0	0	58	0	0	9.0%	0.0%	22.1%
Clay	3	1	0	0	0	0	0	0.1%	0.0%	0.0%
Corson	0	1	0	0	0	0	0	0.1%	0.0%	0.0%
Custer	0	0	0	0	0	0	0	0.0%	0.0%	0.0%
Day	0	301	0	0	123	0	0	26.2%	0.0%	46.9%
Deuel	0	10	0	0	2	0	0	0.9%	0.0%	0.8%
Dewey	0	0	0	0	0	1	0	0.0%	0.0%	0.0%
Douglas	2	6	1	0	0	1	0	0.5%	1.0%	0.0%
Edmunds	0	42	24	1	0	0	0	3.7%	23.3%	0.0%
Fall River	0	1	0	0	0	1	0	0.1%	0.0%	0.0%
Faulk	0	10	3	0	0	0	1	0.9%	2.9%	0.0%
Grant	0	4	0	0	1	0	0	0.3%	0.0%	0.4%
Gregory	0	0	0	0	0	1	0	0.0%	0.0%	0.0%
Haakon	0	0	0	0	0	0	0	0.0%	0.0%	0.0%
Hamlin	0	23	0	0	4	2	0	2.0%	0.0%	1.5%
Hand	0	6	0	0	0	1	0	0.5%	0.0%	0.0%
Hanson	0	2	0	0	0	1	0	0.2%	0.0%	0.0%
Harding	0	1	0	0	0	0	0	0.1%	0.0%	0.0%
Hughes	0	3	0	5	0	0	0	0.3%	0.0%	0.0%
Hutchinson	0	3	0	0	0	3	0	0.3%	0.0%	0.0%
Hyde	0	1	0	0	0	0	0	0.1%	0.0%	0.0%
Jackson	0	1	0	0	0	0	0	0.1%	0.0%	0.0%
Jerauld	0	4	0	0	0	1	0	0.3%	0.0%	0.0%
Jones	0	1	0	0	0	1	0	0.1%	0.0%	0.0%
Kingsbury	0	56	0	0	1	23	0	4.9%	0.0%	0.4%
Lake	0	18	0	0	0	7	0	1.6%	0.0%	0.0%
Lincoln	0	0	0	0	0	0	0	0.0%	0.0%	0.0%
Lyman	0	1	0	9	0	0	0	0.1%	0.0%	0.0%
McCook	0	8	0	0	0	2	0	0.7%	0.0%	0.0%
McPherson	0	55	12	0	0	0	0	4.8%	11.7%	0.0%
Marshall	0	80	0	0	17	0	0	7.0%	0.0%	6.5%
Meade	0	3	0	0	0	1	0	0.3%	0.0%	0.0%
Mellette	0	0	0	0	0	0	0	0.0%	0.0%	0.0%
Miner	0	12	0	0	0	4	0	1.0%	0.0%	0.0%
Moody	0	1	0	0	0	0	0	0.1%	0.0%	0.0%
Perkins	0	3	0	0	0	2	0	0.3%	0.0%	0.0%
Potter	0	6	0	6	0	0	0	0.5%	0.0%	0.0%
Roberts	0	108	0	0	30	1	0	9.4%	0.0%	11.5%
Sanborn	0	11	0	0	0	7	0	1.0%	0.0%	0.0%
Spink	0	19	0	0	3	0	0	1.7%	0.0%	1.1%
Stanley	0	1	0	8	0	0	0	0.1%	0.0%	0.0%
Sully	0	1	0	12	0	0	0	0.1%	0.0%	0.0%
Tripp	0	1	0	0	0	0	0	0.1%	0.0%	0.0%
Turner	1	3	0	0	0	1	0	0.3%	0.0%	0.0%
Union	12	0	0	0	0	0	0	0.0%	0.0%	0.0%
Walworth	0	9	9	0	0	0	0	0.8%	8.7%	0.0%
Ziebach	0	0	0	0	0	0	0	0.0%	0.0%	0.0%
Oglala Lakota	0	0	0	0	0	0	0	0.0%	0.0%	0.0%
Todd	0	0	0	0	0	1	0	0.0%	0.0%	0.0%
TOTALS:	124	1,147	103	42	262	97	12	100.0%	100.0%	100.0%

Last updated: 26 June 2019

STATEWIDE DUCK (all species) HARVEST, 1980-2018



STATEWIDE DUCK SEASON PARTICIPATION, 1980-2018



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 specifically on the Early Fall (September) and Special Bennett County seasons.

The 2018 Canada goose season was open from 1 September 2018 - 17 February 2019 statewide, although some units may have opened later and/or closed sooner. The daily bag was 8 geese in Unit 1, but only 4 in Units 2 and 3 (refer to 2018 Hunting Handbook). Possession was three times 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, senior 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 2018, there were an estimated 10,923 hunters who hunted at least one day for Canada geese (8,633 residents, 2,289 nonresidents). From the survey responses, there were a projected total of 69,485 Canada geese harvested (63,848 by residents, 5,638 by nonresidents). Average Canada goose bag for residents was 7.40, and for nonresidents 2.52. An estimated 18,808 Canada geese were harvested within 20 miles of the Missouri River.

The five counties with the highest reported harvest by residents were Hughes, Day, Roberts, Brookings, and Kingsbury, and by nonresidents in unit 00B were Day, Marshall, Roberts, Codington, and Clark.

When asked their satisfaction on the season, (1 being least satisfied, 7 being most satisfied), Canada goose hunters reported an average rating of 4.93 for residents and 5.11 for nonresidents. The average days hunted by all hunters (6.67 residents, 4.17 nonresidents) projected to a total of 67,192 recreation days for the season.

Comparison of the 2009 - 2018 Canada goose harvest statistics

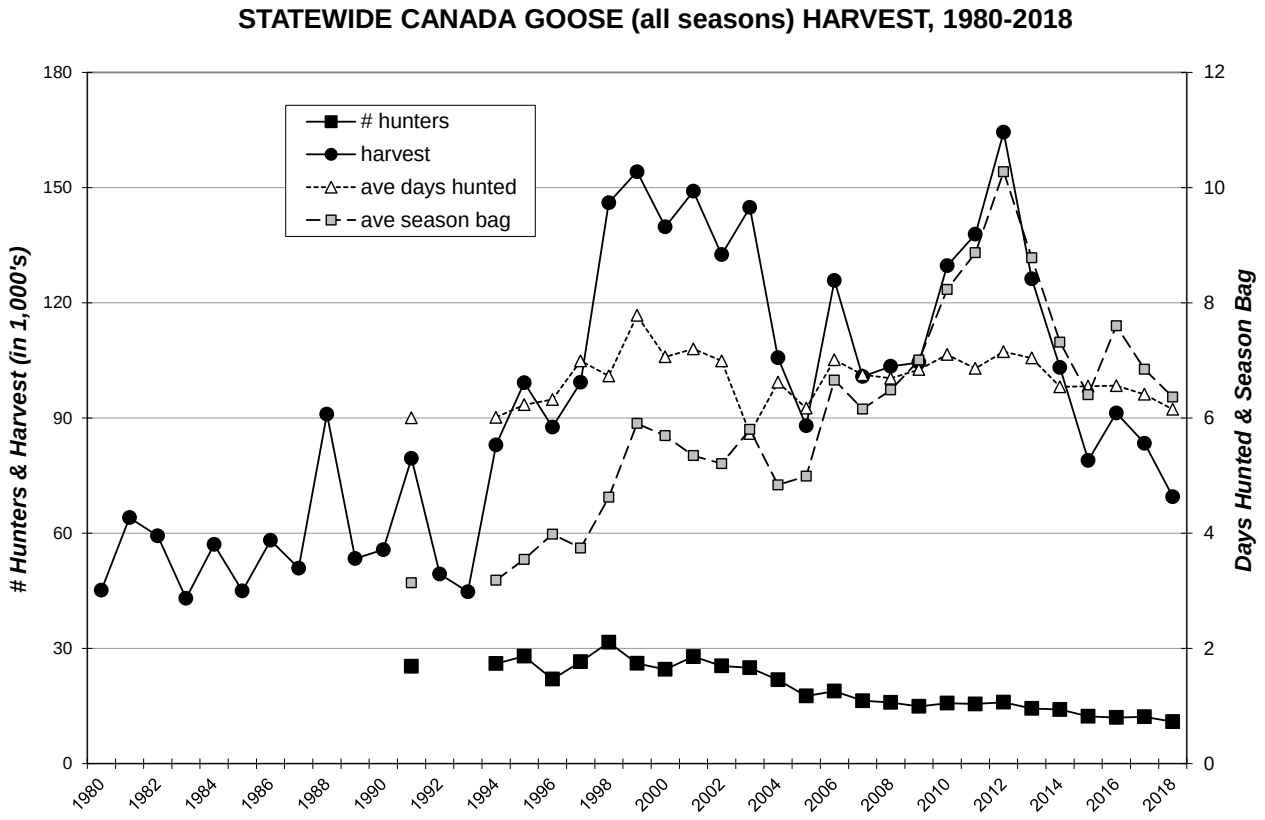
	Resident Hunters					***Nonresident Hunters***				
Year	***Number Hunters***	***Harvest***	***Ave Day Hunted***	***Ave Bag***	***Satis-faction***	***Number Hunters***	***Harvest***	***Ave Day Hunted***	***Ave Bag***	***Satis-faction***
2009	12,927	98,892	7.25	7.65	4.92	1,986	5,561	4.14	2.80	5.27
2010	13,552	123,188	7.53	9.09	5.19	2,198	6,440	4.45	2.93	5.50
2011	13,376	131,505	7.28	9.83	5.31	2,167	6,332	4.25	2.92	5.63
2012	13,725	157,363	7.61	11.47	5.19	2,277	7,054	4.37	3.10	5.44
2013	12,004	117,846	7.54	9.82	5.06	2,160	6,310	4.24	2.92	5.37
2014	12,130	97,956	6.92	8.08	4.96	1,969	5,193	4.31	2.76	5.22
2015	10,228	73,471	7.00	7.18	4.78	2,104	5,482	4.30	2.70	4.98
2016	9,964	85,809	6.98	8.61	4.87	2,046	5,485	4.51	2.77	4.86
2017	9,762	76,827	6.95	7.87	5.06	2,428	6,601	4.19	2.74	5.18
2018	8,633	63,848	6.67	7.40	4.93	2,289	5,638	4.17	2.52	5.11

CANADA GOOSE HARVEST PROJECTIONS FOR 2018

Revised: 25 June 2019

	NONRESIDENT TOTALS BY UNIT								NR	Resident
	00A	00B	11A	00V	00X	00Y	00Z	YW1	Totals	Total
No. Hunters Reporting Canada Goose Days	86	650	6	41	92	131	42		1,048	1,170
Total Reported Canada Goose Hunted Days	662	2,920	17	116	196	350	104		4,365	7,803
Average Days Hunted Canada Geese	**7.70**	**4.49**	**2.83**	**2.83**	**2.13**	**2.67**	**2.48**		**4.17**	**6.67**
Total Reported Canada Geese Bagged	386	1,517	7	81	270	274	103		2,638	8,653
Average Canada Goose Bag for Season	**4.49**	**2.33**	**1.17**	**1.98**	**2.93**	**2.09**	**2.45**		**2.52**	**7.40**
Projected Days Canada Goose Hunting	**946**	**7,349**	**24**	**203**	**375**	**541**	**179**		**9,616**	**57,576**
Projected No. Canada Goose Hunters	**123**	**1,636**	**8**	**72**	**176**	**202**	**72**		**2,289**	**8,633**
Projected Canada Goose Bag	**551**	**3,818**	**10**	**142**	**516**	**423**	**177**		**5,638**	**63,848**
Canada Geese Reported w/in 20 miles of Missouri River	336	68	0	32	212	5	0		653	2,549
Projected Canada Geese Bagged w/in 20 miles of Missouri River	**480**	**171**	**0**	**56**	**405**	**8**	**0**		**1,120**	**18,808**
					TOTAL CANADA GOOSE HARVEST ALL SEASONS =					***69,485***
Canada Goose Hunter Mean Satisfaction Score *1*	4.75	5.15	4.00	5.46	4.91	5.30	5.00		5.11	4.93

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



Resident Canada Goose Harvest Distribution by County 2018

	HUNTER DISTRIBUTION				HARVEST DISTRIBUTION				
COUNTY	***# Reported***	***# Projected***	***% of Total***	***# Proj w/ Unk ****	***# Reported***	***# Projected***	***% of Total***	***# Proj w/ Unk ****	***Birds/Hunter *****
Minnehaha	47	347	4.3	371	324	2,391	3.9	2,487	6.9
Pennington	13	96	1.2	103	116	856	1.4	890	8.9
Brown	41	303	3.7	324	228	1,682	2.7	1,750	5.6
Beadle	22	162	2.0	174	205	1,513	2.5	1,573	9.3
Codington	55	406	5.0	434	330	2,435	4.0	2,533	6.0
Brookings	47	347	4.3	371	407	3,003	4.9	3,124	8.7
Yankton	13	96	1.2	103	87	642	1.0	668	6.7
Davison	5	37	0.5	39	16	118	0.2	123	3.2
Lawrence	11	81	1.0	87	15	111	0.2	115	1.4
Aurora	8	59	0.7	63	22	162	0.3	169	2.8
Bennett	23	170	2.1	181	110	812	1.3	844	4.8
Bon Homme	20	148	1.8	158	141	1,040	1.7	1,082	7.1
Brule	18	133	1.6	142	158	1,166	1.9	1,213	8.8
Buffalo	0	0	0.0	0	0	0	0.0	0	0
Butte	12	89	1.1	95	41	303	0.5	315	3.4
Campbell	3	22	0.3	24	5	37	0.1	38	1.7
Charles Mix	25	184	2.3	197	191	1,409	2.3	1,466	7.6
Clark	37	273	3.4	292	272	2,007	3.3	2,088	7.4
Clay	12	89	1.1	95	76	561	0.9	583	6.3
Corson	0	0	0.0	0	0	0	0.0	0	0
Custer	2	15	0.2	16	10	74	0.1	77	5.0
Day	74	546	6.8	584	587	4,331	7.1	4,505	7.9
Deuel	18	133	1.6	142	206	1,520	2.5	1,581	11.4
Dewey	1	7	0.1	8	0	0	0.0	0	0.0
Douglas	5	37	0.5	39	22	162	0.3	169	4.4
Edmunds	14	103	1.3	110	37	273	0.4	284	2.6
Fall River	19	140	1.7	150	134	989	1.6	1,028	7.1
Faulk	4	30	0.4	32	19	140	0.2	146	4.8
Grant	28	207	2.6	221	215	1,586	2.6	1,650	7.7
Gregory	2	15	0.2	16	2	15	0.0	15	1.0
Haakon	1	7	0.1	8	2	15	0.0	15	2.0
Hamlin	34	251	3.1	268	268	1,977	3.2	2,057	7.9
Hand	4	30	0.4	32	67	494	0.8	514	16.8
Hanson	7	52	0.6	55	17	125	0.2	130	2.4
Harding	1	7	0.1	8	4	30	0.0	31	4.0
Hughes	108	797	9.9	852	1,115	8,227	13.4	8,558	10.3
Hutchinson	3	22	0.3	24	340	2,509	4.1	2,609	113.3
Hyde	1	7	0.1	8	1	7	0.0	8	1.0
Jackson	0	0	0.0	0	0	0	0.0	0	0
Jerauld	4	30	0.4	32	5	37	0.1	38	1.3
Jones	0	0	0.0	0	0	0	0.0	0	0
Kingsbury	57	421	5.2	450	366	2,701	4.4	2,809	6.4
Lake	39	288	3.6	308	320	2,361	3.8	2,456	8.2
Lincoln	6	44	0.5	47	70	517	0.8	537	11.7
Lyman	6	44	0.5	47	48	354	0.6	368	8.0
McCook	26	192	2.4	205	207	1,527	2.5	1,589	8.0
McPherson	18	133	1.6	142	102	753	1.2	783	5.7
Marshall	29	214	2.7	229	94	694	1.1	721	3.2
Meade	5	37	0.5	39	15	111	0.2	115	3.0
Mellette	0	0	0.0	0	0	0	0.0	0	0
Miner	11	81	1.0	87	15	111	0.2	115	1.4
Moody	7	52	0.6	55	58	428	0.7	445	8.3
Perkins	8	59	0.7	63	76	561	0.9	583	9.5
Potter	2	15	0.2	16	6	44	0.1	46	3.0
Roberts	42	310	3.8	331	387	2,856	4.7	2,970	9.2
Sanborn	6	44	0.5	47	64	472	0.8	491	10.7
Spink	11	81	1.0	87	85	627	1.0	652	7.7
Stanley	30	221	2.7	237	256	1,889	3.1	1,965	8.5
Sully	22	162	2.0	174	164	1,210	2.0	1,259	7.5
Tripp	2	15	0.2	16	12	89	0.1	92	6.0
Turner	7	52	0.6	55	16	118	0.2	123	2.3
Union	12	89	1.1	95	120	885	1.4	921	10.0
Walworth	5	37	0.5	39	43	317	0.5	330	8.6
Ziebach	1	7	0.1	8	0	0	0.0	0	0.0
Shannon	0	0	0.0	0	0	0	0.0	0	0
Todd	0	0	0.0	0	0	0	0.0	0	0
Unk/Unreported	76	561	-	-	334	2,464	-		4.4
TOTALS:	***1,170***	***8,633***	***100%***	***8,633***	***8,653***	***63,848***	***100%***	***63,848***	***7.40***

Last Revised: 26 June 2019

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

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

EARLY FALL CANADA GOOSE

The 2018 Early Fall Canada goose season was open from 1-30 September in the Unit 1 counties specified in the 2018 hunting guide, which included most of the state. However, nonresidents were prohibited from hunting in the counties of Beadle, Brookings, Hanson, Kingsbury, Lake, Lincoln, McCook, Miner, Minnehaha, Moody, Sanborn, Turner and Union during these dates. The daily bag limit was 8 geese and possession was 24. To hunt geese, residents were required to hold small game, 1-day small game, adult, senior 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.

Resident hunters were surveyed utilizing the Migratory Bird Harvest Survey that is used to assess all migratory bird harvest for the year. Hunters were asked to break down how many geese they harvested during the Early Fall season out of the total number they harvested for the year. Nonresident hunters were surveyed using a separate Early Fall Canada Goose season survey.

In 2018, there were 25,988 hunters licensed to hunt the Early Fall Canada goose season (25,759 residents, 229 nonresidents). Approximately 23% (5,853) of the resident hunters and 80% (184) of the nonresident hunters were surveyed. The survey response rates were 60% for residents and 57% for nonresidents.

In 2018, there were a projected 2,716 hunters who hunted at least one day in Unit 1 during the Early Fall season. There were a projected 17,904 geese harvested.

Comparison of the 2009 - 2018 Early Fall Canada goose harvests

Year	***Number Hunters***	***Harvest***	***Average Season Bag***
2009	6,157	39,275	6.38
2010	5,767	44,183	7.66
2011	5,417	50,361	9.30
2012	3,636	28,788	7.92
2013	4,528	29,887	6.60
2014	5,106	28,814	5.64
2015	3,883	20,735	5.34
2016	3,366	27,660	8.22
2017	3,226	25,808	8.00
2018	2,716	17,904	6.59

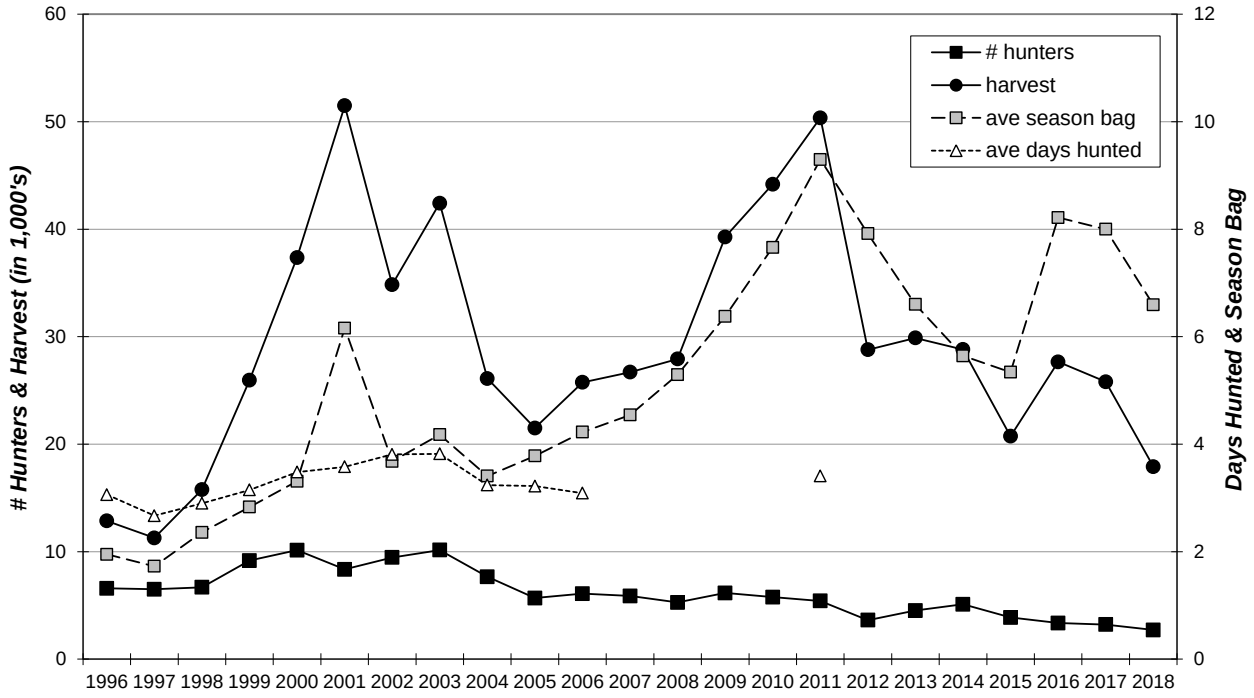
EARLY FALL CANADA GOOSE HARVEST PROJECTIONS FOR 2018

Last Revised: 25 June 2019

	Resident	Non Resident
EARLY FALL CANADA GOOSE SEASON Licenses Sold *1*	25,761	229
Unique Licenseholders	25,759	229
Projected No. Early Fall Canada Goose Hunters	2,509	207
Number Sampled by Survey	5,853	184
Number Responded to Survey	3,491	104
Responded and Participated in Season	**340**	**94**
Responded but DID NOT HUNT	3,151	10
Survey Response Rate	**59.6%**	**56.5%**
No. Hunters Reporting Early Fall Canada Goose Days	340	94
Total Reported Early Fall Canada Goose Hunted Days	UNK	348
Average Days Hunted Canada Geese	**UNK**	**3.70**
Total Reported Canada Geese Bagged	2,142	953
Average Canada Goose Bag for Early Fall	**6.30**	**10.14**
Projected Days Canada Goose Hunting Early Fall	**UNK**	**766**
Projected No. Early Fall Canada Goose Hunters	**2,509**	**207**
Projected Canada Goose Bag	**15,805**	**2,098**
TOTAL CANADA GOOSE HARVEST EARLY FALL SEASON = 17,904		
Canada Goose Hunter Mean Satisfaction Score *2*	5.09	5.57

**1* For residents: number of licenses based on # Migratory Bird Certificates in the 2018 GF79 database*
For nonresidents: number of Nonresident Waterfowl licenses sold in GF79
**2* Based on a scale of 1-7 with 1=very dissatisfied & 7=very satisfied*

EARLY FALL CANADA GOOSE HARVEST, 1996-2018



SPECIAL CANADA GOOSE

The 2018 Special Unit Canada goose season was open from October 20 to December 23 in Bennett County. To hunt this resident-only season, hunters were required to hold small game, 1-day small game, senior, adult or junior combination, or youth small game licenses plus a migratory bird certification, and for those hunters age 16 and over, a federal waterfowl stamp. Additionally, hunters must have applied for and received a Special Canada goose license for that specific unit. Each license allowed the hunter to harvest 3 geese and individuals could have up to 5 licenses for the season, if licenses were left after the 2nd deadline drawing. A total of 177 hunters received multiple licenses for the 2018 season, including 30 hunters who received the maximum of 5 licenses each.

In 2018, there were 436 residents licensed to hunt the Special Canada goose season. All license holders who provided email addresses when applying for their license were surveyed and 226 responses were received for a response rate of 55%.

From the survey responses, there were an estimated 598 Canada geese harvested for an average bag of 1.37 per license holder. Of the 226 hunters who responded to the survey, 110 (49%) indicated that they actually hunted during this season. When asked their satisfaction on the season, (1 being least satisfied, 7 being most satisfied), hunters reported an average rating of 5.09.

SPECIAL CANADA GOOSE HARVEST PROJECTIONS FOR 2018

Last Revised: 26 June 2019

	Resident
SPECIAL CANADA GOOSE SEASON Licenses Sold	799
Number Unique Licenseholders	436
Number Sampled by Survey	409
Number Responded to Survey	226
Responded and Participated in Season	**110**
Responded but DID NOT HUNT	116
Survey Response Rate	**55.3%**
Total Reported Canada Goose Hunted Days	283
Average Days Hunted Canada Geese	**1.25**
Total Reported Canada Geese Bagged	310
Average Canada Goose Bag for Season	**1.37**
Projected Days Canada Goose Hunting	**546**
Projected No. Canada Goose Hunters	**212**
Projected Canada Goose Bag	**598**
Reported Geese shot but not retrieved	14
Projected Geese shot but not retrieved	**55**
Special Canada Goose Hunter Mean Satisfaction Score *1*	5.09
TOTAL CANADA GOOSE HARVEST SPECIAL SEASON = 598	

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

LIGHT GEESE (regular season)

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

The 2018 light goose season was open from 29 September - 11 January statewide and included snow, blue, and Ross' geese and all other geese except Canada geese, brant and white-fronted geese. The daily bag was 50 geese with an unlimited season possession limit. To hunt geese, residents were required to hold small game, 1-day small game, adult, senior 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 2018, there were an estimated 3,982 hunters who hunted at least one day for light geese during the regular season (3,099 residents, 883 nonresidents). From survey responses, there was a projected harvest of 46,268 light geese (39,624 by residents, 6,644 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 4.93 for residents and 4.85 for nonresidents. The average days hunted by all hunters (5.40 residents, 4.39 for nonresidents) projected to a total of 20,609 recreation days for the season.

Comparison of the 2009 - 2018 regular season light goose harvests

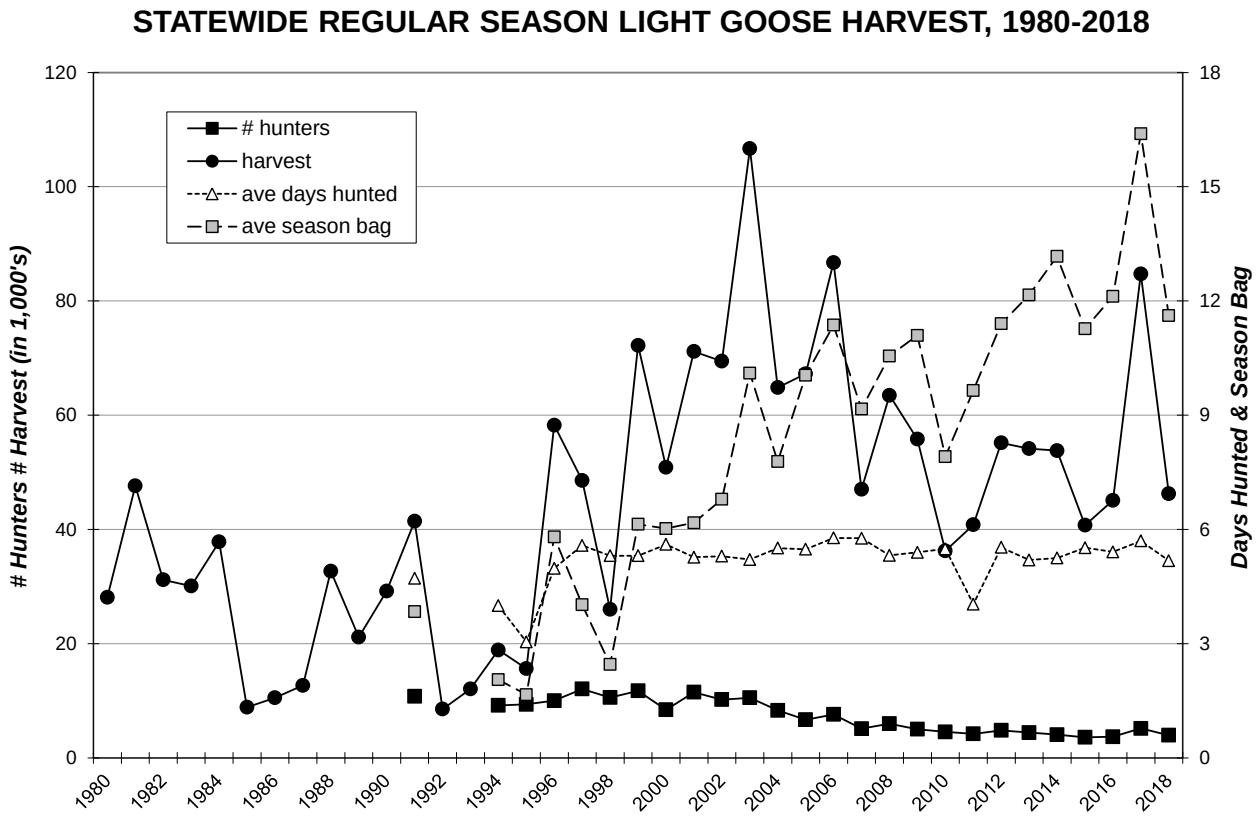
	Residents					Nonresidents				
Year	Number Hunters	Harvest	Ave Day Hunted	Ave Bag	Satis-faction	Number Hunters	Harvest	Ave Day Hunted	Ave Bag	Satis-faction
2009	4,298	52,350	5.57	12.18	4.96	733	3,473	4.40	4.74	5.24
2010	4,031	33,739	5.55	8.37	5.18	551	2,520	5.08	4.57	5.64
2011	3,614	36,419	3.92	10.08	5.37	617	4,409	4.78	7.15	5.55
2012	4,113	49,788	5.66	12.10	5.19	726	5,383	4.81	7.41	5.49
2013	3,747	46,871	5.25	12.51	5.01	641	6,451	4.85	10.06	5.48
2014	3,572	49,460	5.34	13.85	4.92	514	4,355	4.58	8.47	5.02
2015	3,096	37,266	5.66	12.04	4.78	519	3,492	4.71	6.72	4.83
2016	3,206	39,841	5.41	12.43	4.85	515	5,263	5.40	10.22	4.77
2017	4,159	70,772	6.05	17.02	5.09	1,013	13,972	4.27	13.80	5.22
2018	3,099	39,624	5.40	12.79	4.93	883	6,644	4.39	7.53	4.85

LIGHT GOOSE HARVEST PROJECTIONS FOR 2018

Revised: 25 June 2019

	NONRESIDENT TOTALS BY UNIT								NR	Resident
	00A	00B	11A	00V	00X	00Y	00Z	YW1	Totals	Total
Regular Season:										
No. Hunters Reporting Light Goose Days	26	272	0	35	5	35	21		394	420
Total Reported Light Goose Hunted Days	175	1,262		104	12	98	53		1,704	2,268
Average Days Hunted Light Geese	**6.73**	**4.64**		**2.97**	**2.40**	**2.80**	**2.52**		**4.39**	**5.40**
Total Reported Light Geese Bagged	303	1,787		221	2	163	623		3,099	5,370
Average Light Goose Bag for Season	**11.65**	**6.57**		**6.31**	**0.40**	**4.66**	**29.67**		**7.53**	**12.79**
Projected Days Light Goose Hunting	**250**	**3,176**		**182**	**23**	**151**	**91**		**3,874**	**16,735**
Projected No. Light Goose Hunters	**37**	**685**	**0**	**61**	**10**	**54**	**36**		**883**	**3,099**
Projected Light Goose Bag	**433**	**4,498**	**0**	**387**	**4**	**252**	**1,071**		**6,644**	**39,624**
TOTAL LIGHT GOOSE HARVEST REGULAR SEASON =										***46,268***
Light Goose Hunter Mean Satisfaction Score *1*	4.52	4.97		4.94	4.80	4.31	4.33		4.85	4.93

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


STATEWIDE REGULAR SEASON LIGHT GOOSE HARVEST, 1980-2018
hunters
harvest
ave days hunted
ave season bag
Hunters # Harvest (in 1,000's)
Days Hunted & Season Bag
0
20
40
60
80
100
120
0
3
6
9
12
15
18
1980
1982
1984
1986
1988
1990
1992
1994
1996
1998
2000
2002
2004
2006
2008
2010
2012
2014
2016
2018

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 2018 Light Goose Conservation Order covered 19 February - 8 May statewide. The daily bag and possession limits were unlimited. To hunt light geese, residents were required to hold small game, 1-day small game, adult, senior 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 2018, there were a projected 7,379 license holders who hunted at least one day for light geese during the conservation order dates (2,736 residents, 4,643 nonresidents). From the survey responses, there were a projected total of 166,079 light geese harvested.

The average days hunted projected to a total of 32,577 recreation days for the conservation order. Brown, Yankton, Clark, Bon Homme, and Miner county hunters had the highest reported harvest, accounting for an estimated 43% of the total harvest.

Comparison of the 2009 - 2018 Conservation Order light goose statistics

	Residents			***Nonresidents***		
Year	***Number Hunters***	***Harvest***	***Total Days Hunted***	***Number Hunters***	***Harvest***	***Total Days Hunted***
2009	2,895	38,184	15,173	3,621	78,765	15,063
2010	1,762	18,223	7,883	2,884	34,325	10,486
2011	2,503	33,569	15,600	3,617	77,786	26,766
2012	2,324	37,655	13,885	2,494	70,703	16,538
2013	3,166	53,571	15,502	4,142	114,926	15,856
2014	2,159	41,386	11,832	4,514	107,730	17,949
2015	2,147	53,046	12,402	4,277	112,285	16,569
2016	1,866	36,572	9,485	3,843	89,627	15,076
2017	2,672	56,683	16,068	4,448	124,777	17,559
2018	2,736	51,260	14,029	4,643	114,819	18,548

SPRING LIGHT GOOSE HARVEST FOR 2018

Last Revised: 11 Sept 2018

	Resident	Nonresident
CONSERVATION ORDER LIGHT GOOSE Licenses Sold *3*	11,056	4,888
Projected ACTIVE CONS ORDER LIGHT GOOSE HUNTERS	**2,736**	**4,643**
Number Sampled for Survey	2,956	1,457
Number Responded to Survey	1,774	798
Responded and Participated in Season	**439**	**758**
Responded but DID NOT HUNT	1,335	40
Survey Response Rate	**60.0%**	**54.8%**
TOTAL LIGHT GOOSE HARVEST CONSERVATION ORDER =	***166,079***	
Late Season (Conservation Order) 2/19 - 3/10 Period:		
No. Hunters Reporting Light Goose Days	209	107
Total Reported Light Goose Hunted Days	776	334
Average Days Hunted Light Geese	**3.71**	**3.12**
Total Reported Light Geese Bagged	2,187	2,021
Average Light Goose Bag for Season	**10.46**	**18.89**
Projected Days Light Goose Hunting	**4,836**	**2,046**
Projected No. Light Goose Hunters	**1,303**	**655**
Projected Light Goose Bag	**13,630**	**12,379**
TOTAL LIGHT GEESE HARVESTED 2/13 - 3/10 =	***26,009***	
Late Season (Conservation Order) 3/11 - 5/8 Period:		
No. Hunters Reporting Light Goose Days	324	682
Total Reported Light Goose Hunted Days	1,475	2,694
Average Days Hunted Light Geese	**4.55**	**3.95**
Total Reported Light Geese Bagged	6,038	16,724
Average Light Goose Bag for Season	**18.64**	**24.52**
Projected Days Light Goose Hunting	**9,193**	**16,502**
Projected No. Light Goose Hunters	**2,019**	**4,177**
Projected Light Goose Bag	**37,630**	**102,440**
TOTAL LIGHT GEESE HARVESTED 3/11 - 5/2 =	***140,070***	
Reported Geese bagged over decoys	2,662	15,172
Projected Geese bagged over decoys	**16,590**	**92,933**
Total bagged over decoys =	***109,523***	
Reported Geese shot but not retrieved	485	743
Projected Geese Shot but Not Retrieved	**3,023**	**4,551**
Total not retrieved =	***7,574***	

**3* Numbers of resident licenses sold are based on the number of migratory bird certificates in the 2018 database purchased prior to April 21*

WHITE-FRONTED GEESE

The 2018 white-fronted goose season was open from 29 September - 23 December statewide. The daily bag limit was 2 geese and the season possession limit was 6. To hunt white-fronted geese, residents were required to hold small game, 1-day small game, adult, senior 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. There were a projected 1,688 hunters who hunted at least one day for white-fronted geese (1,262 residents, 426 nonresidents). There were a projected 2,720 white-fronted geese harvested (2,428 by residents and 293 by nonresidents).

Comparison of the 2009 - 2018 white-fronted goose harvests

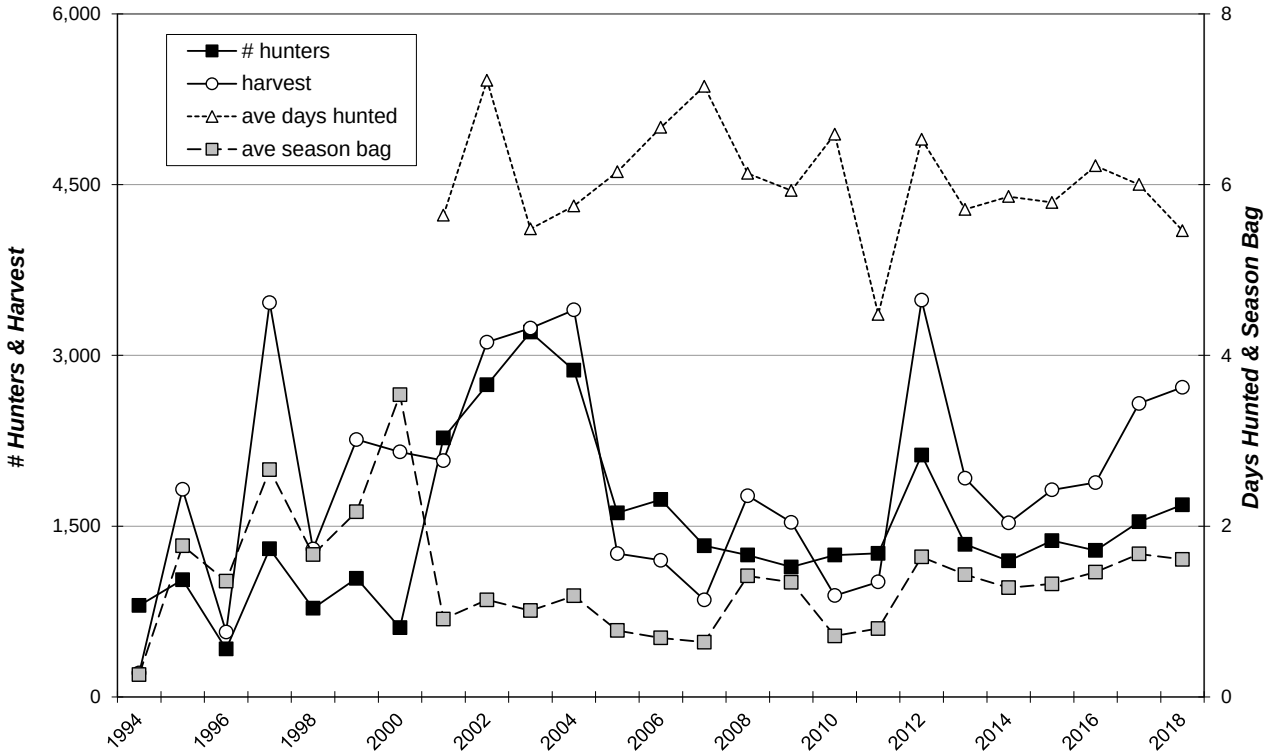
	Residents				***Nonresidents***			
Year	***Number Hunters***	***Harvest***	***Ave Days Hunted***	***Ave Bag, Season***	***Number Hunters***	***Harvest***	***Ave Days Hunted***	***Ave Bag, Season***
2009	902	1,443	5.98	1.60	240	91	5.75	0.38
2010	985	847	6.78	0.86	261	44	5.86	0.17
2011	973	896	4.24	0.92	288	115	5.28	0.40
2012	1,685	3,114	6.96	1.85	440	371	4.88	0.84
2013	1,098	1,694	5.83	1.54	224	197	5.13	0.88
2014	951	1,378	6.13	1.45	244	151	4.80	0.62
2015	1,097	1,618	5.93	1.47	275	201	5.20	0.73
2016	992	1,707	6.43	1.72	295	176	5.52	0.60
2017	1,185	2,286	6.30	1.93	354	292	5.00	0.83
2018	1,262	2,428	5.67	1.92	426	293	4.83	0.69

WHITE-FRONTED GOOSE HARVEST PROJECTIONS FOR 2018

Revised: 25 June 2019

	NONRESIDENT TOTALS BY UNIT								**NR**	**Resident**
	00A	**00B**	**11A**	**00V**	**00X**	**00Y**	**00Z**	**YW1**	**Totals**	**Total**
No. Hunters Reporting White-fronted Goose Days	15	132		17	2	15	9		190	171
Total Reported White-fronted Goose Hunted Days	123	665	0	56	6	40	22		912	969
Average Days Hunted White-fronted Geese	**8.20**	**5.04**		**3.29**	**3.00**	**2.67**	**2.44**		**4.83**	**5.67**
Total Reported White-fronted Geese Bagged	9	93		16	0	7	4		129	329
Average White-fronted Goose Bag for Season	**0.60**	**0.70**		**0.94**	**0.00**	**0.47**	**0.44**		**0.69**	**1.92**
Projected Days White-fronted Hunting	**176**	**1,674**	**0**	**98**	**11**	**62**	**38**		**2,059**	**7,150**
Projected No. White-fronted Goose Hunters	**21**	**332**	**0**	**30**	**4**	**23**	**15**		**426**	**1,262**
Projected White-fronted Goose Bag	**13**	**234**	**0**	**28**	**0**	**11**	**7**		**293**	**2,428**
									TOTAL WHITE-FRONTED GOOSE HARVEST =	***2,720***

STATEWIDE WHITE-FRONTED GOOSE HARVEST, 1994-2018



NOTE: Prior 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.

2018 Harvest Survey Response Rates

		Proportion	
	Overall Response	Internet	Mail-return
Sage Grouse	NA	NA	NA
Migratory Bird	59.6%	52.1%	47.9%
Nonresident Early Fall Canada Goose	56.5%	100.0%	0.0%
Nonresident Waterfowl	70.0%	58.3%	41.7%
Nonresident Small Game	59.6%	44.9%	55.1%
Resident Small Game	59.9%	42.6%	57.4%
Special Canada Goose	51.8%	100.0%	0.0%
Spring Light Goose	45.5%	64.0%	36.0%
Tundra Swan	69.3%	74.2%	25.8%

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