
South Dakota GAME REPORT

No. 2011 - 05

2010

Annual Report

BIG GAME HARVEST PROJECTIONS

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PREFACE

Big game harvest estimates reported herein for the 2010 big game seasons were developed as described in Wildlife Survey Manual, 2009-2015, South Dakota Department of Game, Fish and Parks. Species-specific methodologies are reported there.

Wildlife Division personnel, Administrative Section (all seasons except Bighorn sheep and Mountain goat – Corey Huxoll) and Region I (Bighorn sheep and Mountain goat – Ted Benzon) were responsible for development of these harvest estimates, as part of Federal Aid for Wildlife Restoration as Project W-95-R, with the exception of Custer State Park reports developed by Chad Lehman, Division of Parks & Recreation. Harvest surveys were processed and encoded by Erin Moehring, Dana Ertz, and Corey Huxoll.

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SPRING PRAIRIE TURKEY

In 2010, license sales totaled 7,691 (6,445 residents and 1,246 nonresidents) compared to 7,479 in 2009. There were 8,488 licenses available and overall tag sales totaled 12,655.

The survey sample size was 4,073 (56% of all hunters) and the response rate was 86.2%. Approximately 53% of responding hunters used the Internet response site. The reported overall success rate for hunters was 52% and the projected harvest was 6,564 turkeys.

Spring prairie turkey hunters averaged 2.93 days hunting for a projected total of 21,155 hunting days for the April 10 through May 23 season.

Double tag any-turkey licenses were available again this year and have been since 2001. An estimated 755 hens were harvested (11.5% of the total harvest) compared to 600 in 2009.

Respondents were asked to gauge their satisfaction of the season (1 being least satisfied, 7 being most satisfied) and the average response was 5.81.

Comparison of the 2001-2010 Spring Prairie Turkey Seasons

<i>Year</i>	<i>Res Lic</i>	<i>NR Lic</i>	<i>Tags</i>	<i>Harvest</i>		<i>Success</i>	<i>Avg Days Hunted</i>	<i>Satisf</i>
				<i>Toms</i>	<i>Hens</i>			
2001	4,357	606	6,831	3,473	147	53%	2.49	4.47
2002	4,470	666	7,028	3,567	199	54%	2.65	4.64
2003	4,451	692	7,370	3,440	304	51%	2.74	4.76
2004	4,502	821	7,627	3,713	355	53%	2.71	4.69
2005	4,787	876	7,864	3,988	297	55%	2.87	4.78
2006	5,308	1,004	9,605	4,583	487	53%	2.77	4.59
2007	5,477	1,108	9,993	4,595	524	51%	2.73	5.58
2008	6,118	1,252	11,228	5,333	588	53%	2.73	5.64
2009	6,284	1,195	12,472	5,769	600	51%	2.93	5.81
2010	6,445	1,246	12,655	5,809	755	52%	2.93	5.81

South Dakota Game Report No 2011-05 - 2010 Big Game Harvest Projections
 Corey Huxoll

2010 Spring Prairie Turkey Harvest Projections

Last Revised:
 10/27/2010

County Unit	Licenses										Harvest Estimates								
	License Type	Hunters	Resident			Nonresident			Tags sold	Response Rate	Unit/ Subunit Success	Total			Ave. Days Hunted	Avg Satisfcn			
			Appl. 1st Choice *	Avail.	Sold	Appl. 1st Choice *	Avail.	Sold				1st tag	2nd tag	Toms			Hens	Harvest	
Bennett	37	67	31	70	55	28	6	21	152	95%	70%	78%	61%	102	4	106	3.03	6.12	
Bon Homme	32	341	293	350	344	0	0	6	350	81%	#	50%	50%	176	0	176	2.84	5.83	
Brookings	32	50	68	50	50	0	0	0	50	94%		19%	19%	10	0	10	3.51	4.86	
Brule	32	50	53	50	50	0	0	0	50	86%		67%	67%	34	0	34	2.33	6.14	
Butte/Lawrence	37	404	138	450	286	97	36	147	866	86%		48%	60%	34%	393	20	412	3.13	5.71
Charles Mix/Douglas	37	300	387	300	300	0	0	0	600	83%	#	42%	54%	30%	220	31	252	3.29	5.58
Clay	32	156	115	160	157	0	0	3	160	86%		52%	52%	83	0	83	3.08	5.77	
Corson	37	148	63	150	137	11	12	25	324	85%		43%	48%	21%	116	24	140	2.46	5.46
Custer/ Penn-Mid	37	149	61	180	137	12	15	32	338	81%	#	44%	55%	36%	120	29	149	2.74	5.62
Davison/Hanson	32	140	154	140	140	0	0	0	140	90%		48%	48%		68	0	68	2.84	5.58
Day/Codington	32	60	60	60	60	0	0	0	60	85%		37%	37%		22	0	22	3.20	5.41
Deuel	32	70	124	70	70	0	0	0	70	90%		49%	49%		34	0	34	4.05	5.31
Dewey/Ziebach	37	187	74	250	163	33	20	45	416	84%	#	47%	61%	32%	158	39	196	2.60	5.63
Fall River	37	204	58	350	144	30	28	75	438	88%		53%	63%	38%	211	20	232	2.85	5.57
Grant	32	242	241	240	242	0	0	0	242	86%		53%	53%		129	0	129	3.76	5.13
Gregory	37	918	862	850	850	242	68	68	1,836	86%		53%	64%	40%	781	193	974	2.11	5.84
Haakon	37	214	84	300	174	33	24	60	468	81%	#	57%	68%	47%	235	33	268	2.30	5.81
Hamlin	32	20	34	20	20	0	0	0	20	95%		32%	32%		6	0	6	2.58	5.20
Harding	37	167	80	300	126	45	24	58	368	89%		27%	39%	17%	82	16	98	2.59	4.81
Hughes	37	40	30	40	40	0	0	0	80	82%	#	50%	56%	44%	29	11	40	3.41	5.34
Hutchinson	32	78	58	80	79	0	0	0	79	84%	#	38%	38%		30	0	30	2.69	5.12
Jackson	37	203	83	200	137	56	16	79	432	86%		64%	72%	52%	247	28	275	2.76	5.67
Jerauld	32	10	7	10	10	0	0	0	10	100%		33%	33%		3	0	3	1.89	4.43
Jones	32	53	7	100	41	23	8	32	73	81%	#	76%	76%		55	0	55	2.86	6.08
Lincoln	32	141	221	140	141	0	0	0	141	91%		34%	34%		48	0	48	3.79	5.43
Lyman	37	108	149	100	100	38	8	8	216	84%	#	56%	66%	46%	104	17	121	2.89	5.80
Marshall/Roberts	37	452	435	450	452	0	0	0	904	90%		44%	60%	27%	323	73	396	3.72	5.31
Meade/Pennngtn	37	357	85	350	198	90	28	180	756	88%		60%	73%	47%	421	33	455	3.12	5.68
Mellette	37	479	168	550	453	64	44	139	1,184	89%		66%	73%	58%	618	158	776	2.39	6.06
Minnehaha	32	116	99	120	120	0	0	0	120	90%		45%	45%		55	0	55	4.32	5.71
Moody	32	30	46	30	30	0	0	0	30	87%		65%	65%		20	0	20	4.46	5.61
Pennington-East	37	123	42	300	92	21	24	49	282	77%	#	51%	61%	43%	131	11	143	2.39	5.83
Perkins	37	74	18	100	55	14	8	21	152	87%		50%	60%	40%	65	11	77	2.24	5.42
Sanborn	32	68	43	70	69	0	0	0	69	84%	#	47%	47%		32	0	32	3.25	5.02
Shannon	37	54	9	70	27	9	6	31	116	87%		62%	78%	45%	71	1	72	2.87	5.60
Stanley	32	50	26	50	39	5	4	15	54	96%		44%	44%		24	0	24	2.58	5.70
Todd	32	57	12	80	52	11	7	35	87	86%		62%	62%		54	0	54	2.18	5.81
Tripp	32	357	191	400	317	65	32	115	432	92%		70%	70%		300	0	300	1.92	6.11
Turner	32	53	35	60	58	0	0	2	60	70%	#	41%	41%		24	0	24	2.97	5.00
Union	32	160	163	160	160	0	0	0	160	90%		54%	54%		86	0	86	3.95	5.79
Yankton	32	270	240	270	270	0	0	0	270	81%	#	33%	33%		88	0	88	3.05	5.04
Totals		7,220	5,147	8,070	6,445	927	418	1,246	12,655	86.2%		51.9%		5,809	755	6,564	2.93	5.81	

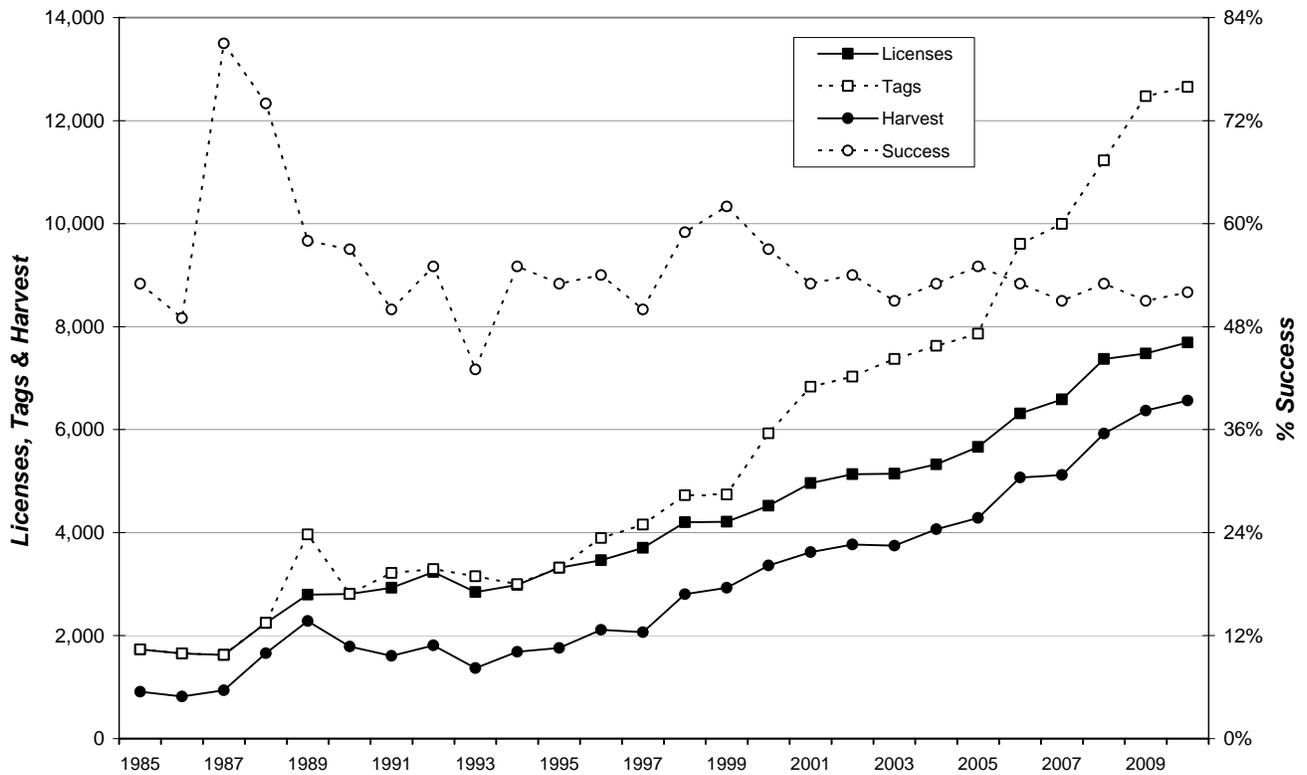
Response rate for all units combined was **86.2%**

Satisfaction scale of 1=very dissatisfied to 7=very satisfied.

Units with less than 85% response rate and may not be within accepted tolerance for data accuracy.

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

Spring Firearm Prairie Turkey 1985-2010



SPRING BLACK HILLS TURKEY

An unlimited number of licenses were available and 5,244 licenses were issued for the 2010 Spring Black Hills Turkey season (3,199 residents, 2,045 nonresidents), a significant decrease from 2009. All licenses consisted of single tags for male turkeys only.

The survey sample size was 796 (16% of the total number of licensees) and the response rate was 84.8%. Approximately 57% of responding hunters used the Internet response site. The reported success rate was 42% and the projected harvest was 2,195 male turkeys.

The season was open from April 10 through May 23, a total of 44 days. Hunters averaged 3.97 days of hunting for a projected total of 19,604 days of recreation for the season.

Resident hunters purchased 495 licenses for the BH2 unit, where tags were only valid between May 1 and May 23. Of those, 189 did not have a unit BH1 license; therefore, only 306 hunters purchased two licenses for the season. Reported success for unit BH2 for those hunters who purchased two licenses was 32%.

Comparison of the 2001-2010 Spring Black Hills Turkey Seasons

Year	Licenses Issued	Tom Harvest	Avg Days Hunted	Success	Average Satisfaction
2001	3,998	1,379	3.78	35%	-
2002	4,761	1,503	3.81	32%	4.52
2003	5,053	1,456	3.49	29%	4.63
2004	5,798	2,494	3.58	43%	4.67
2005	6,397	2,666	3.53	42%	4.66
2006	6,656	2,570	3.65	39%	4.95
2007	6,378	2,430	3.45	38%	5.57
2008	6,508	2,743	3.39	42%	5.52
2009	5,474	2,346	3.46	43%	5.69
2010	5,244	2,195	3.97	42%	5.36

2010 Spring Black Hills Turkey Harvest Projections

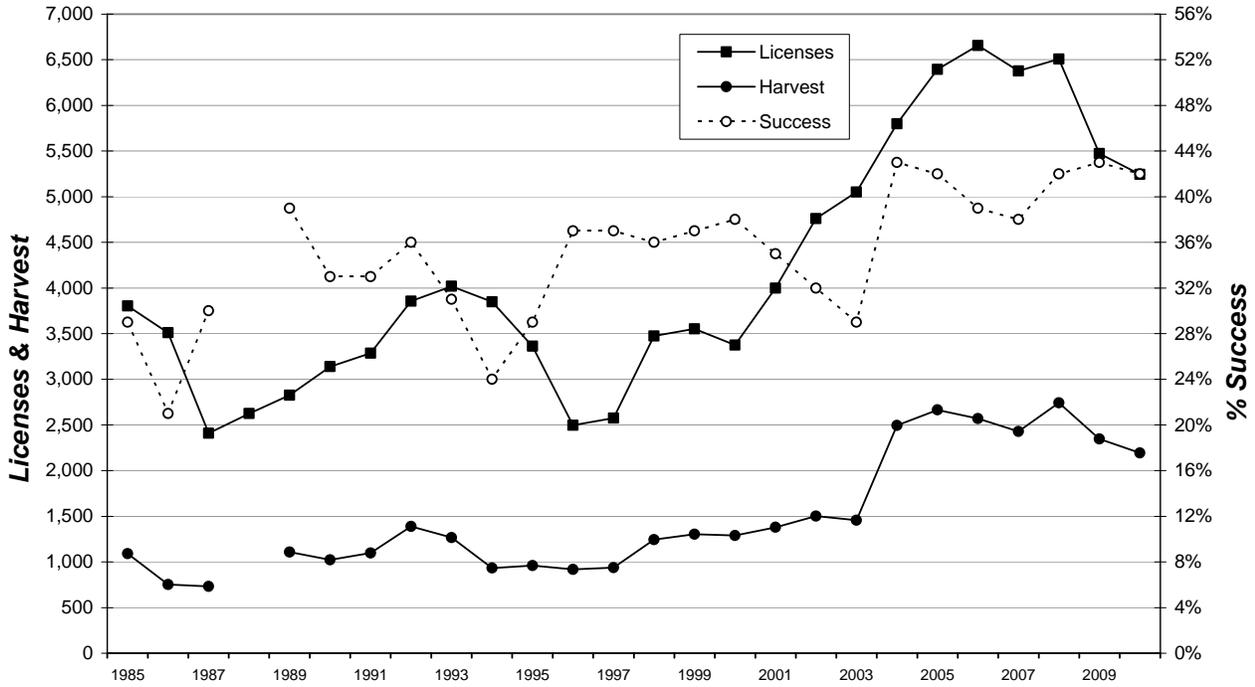
Unit/Type	Licenses				Hunters	Response Rate	Unit/ Subunit Success	Harvest Estimate Toms	Ave. Days Hunted	Avg Satsfctn
	Resident		Nonresident							
	Avail.	Sold	Avail.	Sold						
BH1-32	Unlim	2,704	Unlim	2,045	4,938	84.8% #	42%	2,195	3.97	5.36
BH2-32	Unlim	495	0	0						
		3,199		2,045						

Response rate for the season was **84.8%**

Satisfaction scale of 1=very dissatisfied to 7=very satisfied.

Seasons with less than 90% response rate and may not be within accepted tolerance for data accuracy.

Black Hills Spring Turkey 1985-2010



SPRING ARCHERY TURKEY

There were 2,085 resident and 463 nonresident licenses sold for a total of 2,548 licensed spring archery turkey hunters in 2010, a slight decrease from 2009.

To obtain harvest estimates, 39% of the license holders were sampled for an overall sample size of 993. The response rate was 81.9%. Approximately 55% of responding hunters used the Internet response site.

The projected harvest based on survey responses was 780 male turkeys, a decrease of 8% from 2009, for a success rate of 31%. The season was open from April 10 through May 23, a total of 44 days. The projected total number of days hunted was 10,906, an average of 4.28 days per hunter.

Comparison of the 2001-2010 Spring Archery Turkey Seasons

Year	Licenses Sold		Tom Harvest	Success	Avg Days Hunted	Satisfaction
	Resident	Nonresident				
2001	702	213	219	23%	4.37	4.12
2002	825	237	283	27%	4.53	4.47
2003	954	265	347	29%	4.26	4.72
2004	1,330	322	512	31%	4.62	4.61
2005	1,778	401	591	27%	4.46	4.61
2006	2,072	460	737	29%	4.52	4.63
2007	2,079	400	679	27%	4.25	5.42
2008	2,199	459	722	27%	4.34	5.45
2009	2,124	443	844	33%	4.42	5.51
2010	2,085	463	780	31%	4.28	5.41

2010 Spring Archery Turkey Harvest Projections

Unit/Type	Licenses				Response Rate	Unit/ Subunit Success	Harvest Estimate Toms	Ave. Days Hunted	Avg Satsfctn
	Resident		Nonresident						
	Avail.	Sold	Avail.	Sold					
ST1-32	Unlim	2,085	Unlim	463	81.9% #	30.6%	780	4.28	5.41

Response rate for the season was **81.9%**

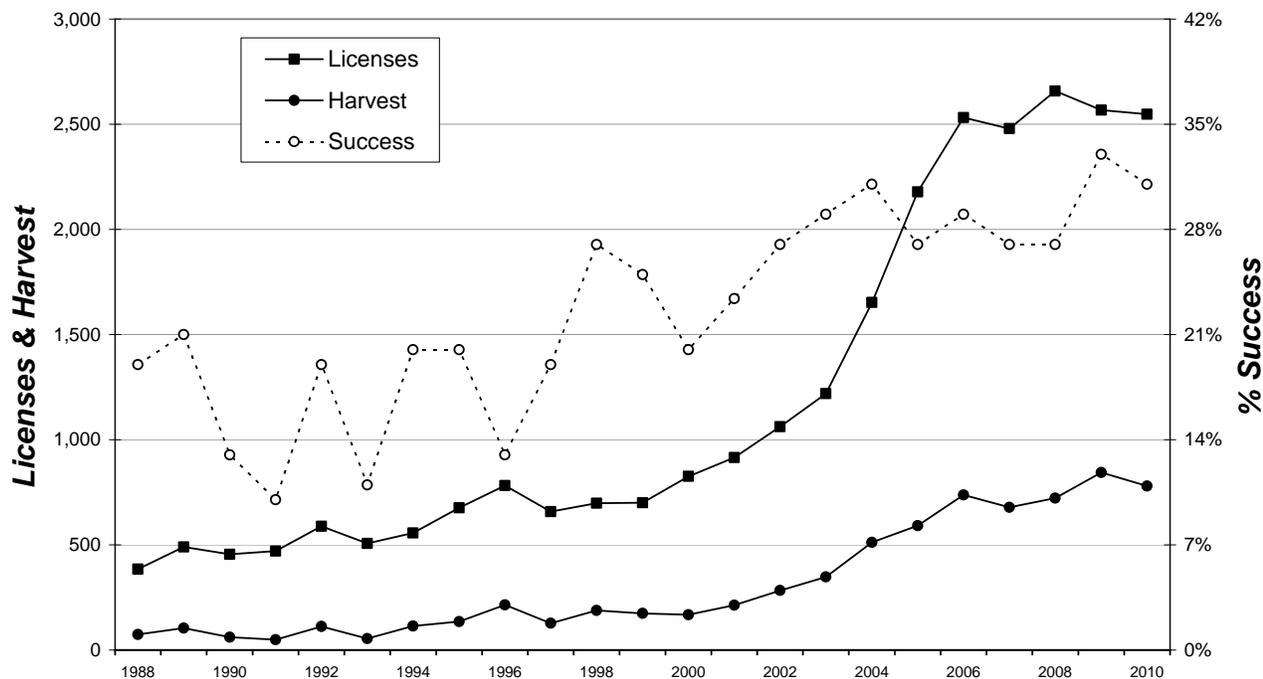
Satisfaction scale of 1=very dissatisfied to 7=very satisfied.

Seasons with less than 90% response rate and may not be within accepted tolerance for data accuracy.

2010 Spring Archery Turkey Season Reported Harvest Distribution

County	Harvest Reports		County	Harvest Reports	
	Number	% of Total		Number	% of Total
Gregory	51	21.2%	Perkins	2	0.8%
Meade	20	8.3%	Moody	2	0.8%
Union	15	6.2%	Hutchinson	2	0.8%
Charles Mix	12	5.0%	Codington	2	0.8%
Pennington	12	5.0%	Brown	2	0.8%
Lincoln	11	4.6%	Stanley	1	0.4%
Roberts	10	4.1%	Mellette	1	0.4%
Lawrence	9	3.7%	Jones	1	0.4%
Yankton	9	3.7%	Hughes	1	0.4%
Lyman	8	3.3%	Harding	1	0.4%
Grant	8	3.3%	Hanson	1	0.4%
Tripp	7	2.9%	Hamlin	1	0.4%
Custer	7	2.9%	Haakon	1	0.4%
Clay	6	2.5%	Fall River	1	0.4%
Davison	6	2.5%	Douglas	1	0.4%
Minnehaha	6	2.5%	Dewey	1	0.4%
Brule	5	2.1%	Clark	1	0.4%
Turner	3	1.2%	Bon Homme	1	0.4%
Corson	3	1.2%	Bennett	1	0.4%
Day	3	1.2%	Brookings	1	0.4%
Butte	3	1.2%			
Todd	2	0.8%			
Total				241	

**Spring Archery Turkey
1988-2010**



MENTORED SPRING TURKEY

There were 535 Mentored Spring Turkey licenses sold in South Dakota for the 2010 season. All were single tag licenses valid for a male turkey. A total of 199 mentors/hunters were sampled and 148 responses (74%) were received. Approximately 32% of responding mentors/hunters used the Internet response site.

The spring season ran from April 10 through May 23, a total of 44 days. Respondents reported hunting an average of 3.14 days, which projected to a total of 1,680 recreation days for the season.

An estimated 228 toms were harvested. The overall projected success rate for this season was 43%. The mean satisfaction score reported by hunters/mentors was 5.83 (1 representing "very dissatisfied" and 7 representing "very satisfied").

The five counties with the highest reported harvest were Clay, Bon Homme, Pennington, Gregory and Yankton.

Summary of the 2009-2010 Spring Mentored Youth Turkey Seasons

YEAR	Licenses		HARVEST			Avg Days	Average
	Sold	Toms	Hens	Total	%Success	Hunted	Satisfaction
2009	422	171	0	171	41%	2.88	5.81
2010	535	228	0	228	43%	3.14	5.83

2010 Mentored Spring Turkey Harvest Projection

Last Revised: 24-Aug-10										
Unit/Type	Licenses		Response Rate	Unit/ Subunit Success	Harvest Projections			Average Days Hunted	Mean Satisfctn Score	
	Resident Avail.	Sold			Toms	Hens	Total Harvest			
ST1-32	Unlim	535	74% #	43%	228	0	228	3.14	5.83	

Harvest projections were developed for units where response rate was less than 85% and may not be within +/- 15% of the sample statistic.

2010 Mentored Spring Turkey Harvest Distribution

Last Revised:
 24-Aug-10

County	Reported Harvest			Projected Harvest			%
	Toms	Hens	Total	Toms	Hens	Total	
Minnehaha	0	0	0	0	0	0	0.0%
Pennington	4	0	4	15	0	15	6.6%
Brown	0	0	0	0	0	0	0.0%
Beadle	0	0	0	0	0	0	0.0%
Codington	0	0	0	0	0	0	0.0%
Brookings	1	0	1	4	0	4	1.6%
Yankton	5	0	5	19	0	19	8.2%
Davison	0	0	0	0	0	0	0.0%
Lawrence	1	0	1	4	0	4	1.6%
Aurora	0	0	0	0	0	0	0.0%
Bennett	1	0	1	4	0	4	1.6%
Bon Homme	5	0	5	19	0	19	8.2%
Brule	1	0	1	4	0	4	1.6%
Buffalo	0	0	0	0	0	0	0.0%
Butte	0	0	0	0	0	0	0.0%
Campbell	0	0	0	0	0	0	0.0%
Charles Mix	3	0	3	11	0	11	4.9%
Clark	0	0	0	0	0	0	0.0%
Clay	5	0	5	19	0	19	8.2%
Corson	1	0	1	4	0	4	1.6%
Custer	2	0	2	7	0	7	3.3%
Day	0	0	0	0	0	0	0.0%
Deuel	1	0	1	4	0	4	1.6%
Dewey	1	0	1	4	0	4	1.6%
Douglas	0	0	0	0	0	0	0.0%
Edmunds	0	0	0	0	0	0	0.0%
Fall River	1	0	1	4	0	4	1.6%
Faulk	0	0	0	0	0	0	0.0%
Grant	3	0	3	11	0	11	4.9%
Gregory	4	0	4	15	0	15	6.6%
Haakon	1	0	1	4	0	4	1.6%
Hamlin	0	0	0	0	0	0	0.0%
Hand	0	0	0	0	0	0	0.0%
Hanson	0	0	0	0	0	0	0.0%
Harding	0	0	0	0	0	0	0.0%
Hughes	1	0	1	4	0	4	1.6%
Hutchinson	1	0	1	4	0	4	1.6%
Hyde	0	0	0	0	0	0	0.0%
Jackson	1	0	1	4	0	4	1.6%
Jerauld	0	0	0	0	0	0	0.0%
Jones	0	0	0	0	0	0	0.0%
Kingsbury	0	0	0	0	0	0	0.0%
Lake	0	0	0	0	0	0	0.0%
Lincoln	0	0	0	0	0	0	0.0%
Lyman	5	0	5	19	0	19	8.2%
McCook	0	0	0	0	0	0	0.0%
McPherson	0	0	0	0	0	0	0.0%
Marshall	2	0	2	7	0	7	3.3%
Meade	3	0	3	11	0	11	4.9%
Mellette	2	0	2	7	0	7	3.3%
Miner	0	0	0	0	0	0	0.0%
Moody	1	0	1	4	0	4	1.6%
Perkins	0	0	0	0	0	0	0.0%
Potter	0	0	0	0	0	0	0.0%
Roberts	1	0	1	4	0	4	1.6%
Sanborn	1	0	1	4	0	4	1.6%
Spink	0	0	0	0	0	0	0.0%
Stanley	1	0	1	4	0	4	1.6%
Sully	0	0	0	0	0	0	0.0%
Tripp	1	0	1	4	0	4	1.6%
Turner	0	0	0	0	0	0	0.0%
Union	1	0	1	4	0	4	1.6%
Walworth	0	0	0	0	0	0	0.0%
Ziebach	0	0	0	0	0	0	0.0%
Shannon	0	0	0	0	0	0	0.0%
Todd	0	0	0	0	0	0	0.0%
Unknown	2	0	2				
TOTALS	63	0	63	228	0	228	

Any by county projected harvest values will differ from by unit projected harvest values due to incorrect sampling proportions within counties.
 Use these figures for approximations only!

FALL PRAIRIE TURKEY

There were 5,995 licenses (5,532 resident, 463 nonresident) sold for the 2010 Fall Prairie Turkey season in South Dakota, for a total of 11,276 tags. All tags were valid for either a tom or a hen.

A random sample of 2,965 hunters was taken (49% of hunters), and 2,346 responded for a 79% response rate. Approximately 56% of responding hunters used the Internet response site.

The fall season ran from October 1 through January 31, a total of 123 days. Respondents reported hunting an average of 2.87 days, which projected to a total of 14,465 recreation days for the season.

Harvest projections indicated 3,019 toms were taken along with 2,419 hens for a total of 5,438 turkeys. The estimated success rate for the season was 48%. The mean satisfaction score reported by hunters was 5.36 (1 representing "very dissatisfied" and 7 representing "very satisfied").

The four West River Unit counties with the highest reported harvests were Mellette, Gregory, Tripp, and Meade. Roberts and Grant counties had the highest reported harvests in the Northeast Unit.

Summary comparison of the 2001-2010 Fall Prairie Turkey seasons

Year	Licenses	Tags	HARVEST				Avg Days	Average
	Sold	Sold	Toms	Hens	Total	%Success	Hunted	Satisfactn
2001	3,524	5,761	1,604	1,512	3,116	54%	2.69	5.59
2002	3,649	5,520	1,545	1,116	2,661	48%	2.77	5.61
2003	3,572	5,458	1,555	1,339	2,894	53%	2.66	5.81
2004	3,734	5,394	1,568	1,150	2,718	50%	3.05	5.68
2005	4,105	6,196	1,788	1,384	3,172	51%	2.60	5.62
2006	5,055	6,949	1,645	1,442	3,087	44%	3.15	5.02
2007	5,614	8,764	2,315	1,879	4,194	48%	3.07	5.22
2008	5,996	9,593	2,606	1,949	4,556	47%	2.86	5.43
2009	5,876	10,191	2,335	2,002	4,337	43%	2.92	5.22
2010	5,995	11,276	3,019	2,419	5,438	48%	2.87	5.36

2010 Fall Prairie Turkey Harvest Projections

Unit	Licenses											Harvest Projections			Avg Days Hunted	Mean Satisfctn Score
	Hunters	Resident			Nonresident			Tags Sold	Response Rate	Unit/ Subunit Success	Total					
		Appl. 1st Choice *	Avail.	Sold	Appl. 1st Choice *	Avail.	Sold				Toms	Hens	Harvest			
Bon Homme	134	67	150	149	N/A	0	2	302	78% #	66%	80	119	199	3.5	5.8	
Brookings	56	20	100	65	N/A	0	0	65	82% #	6%	2	1	4	3.1	4.2	
Brule	103	24	150	127	N/A	0	2	129	85% #	34%	34	10	44	2.8	5.2	
Charles Mix/Douglas	322	128	350	347	N/A	0	2	698	82% #	34%	125	115	240	2.7	5.0	
Clay	51	43	50	51	N/A	0	0	102	94%	23%	16	7	23	4.1	4.7	
Davison/Hanson	40	40	40	40	N/A	0	0	80	85% #	23%	15	4	18	3.4	5.8	
Deuel	40	43	40	40	N/A	0	0	40	80% #	47%	14	5	19	4.2	5.0	
Hughes	20	1	60	25	N/A	0	0	25	74% #	69%	6	11	17	1.4	6.5	
Hutchinson	39	25	40	40	N/A	0	0	40	79% #	19%	8	0	8	3.4	4.2	
Lincoln	80	70	80	80	N/A	0	0	160	91%	12%	14	4	19	3.8	4.4	
Minnehaha	70	55	70	70	N/A	0	0	70	87%	11%	5	3	8	3.5	4.9	
Moody	21	11	20	21	N/A	0	0	21	86%	22%	5	0	5	4.8	5.0	
Turner	56	7	60	60	N/A	0	0	60	58% #	12%	5	2	7	1.6	4.7	
Union	60	55	60	60	N/A	0	0	120	92%	30%	26	10	36	4.5	5.8	
Yankton	128	76	130	130	N/A	0	0	130	79% #	39%	32	18	50	3.4	5.1	
Northeast Unit	957	261	2,500	1,118	N/A	0	21	2,144	75% #	45%	602	371	972	3.4	5.2	
West River Unit	2,863	940	Unltd	3,109	134	Unltd	436	7,090	78% #	53%	2,030	1,739	3,769	2.4	5.5	
Totals	5,040	1,866	3,900	5,532	134	0	463	11,276	79.1% #	48.2%	3,019	2,419	5,438	2.87	5.36	

The response rate for all units combined was:

79%

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

Harvest projections were developed for units where response rate was less than 85% and may not be within +/- 15% of the sample statistic.

2010 Fall WR Unit Turkey Harvest Distribution

Last Revised:
 04-May-11

County	Reported Harvest			Projected Harvest			%
	Toms	Hens	Total	Toms	Hens	Total	
Pennington	22	40	62	57	101	158	4.2%
Lawrence	17	17	34	44	43	87	2.3%
Bennett	31	13	44	80	33	113	3.0%
Butte	38	19	57	98	48	146	3.9%
Corson	24	24	48	62	61	123	3.3%
Custer	14	14	28	36	35	72	1.9%
Dewey	31	32	63	80	81	161	4.3%
Fall River	24	21	45	62	53	115	3.1%
Gregory	128	131	259	331	332	663	17.6%
Haakon	43	28	71	111	71	182	4.8%
Harding	20	23	43	52	58	110	2.9%
Jackson	35	35	70	91	89	179	4.8%
Jones	9	5	14	23	13	36	1.0%
Lyman	79	48	127	204	122	326	8.6%
Meade	44	24	68	114	61	175	4.6%
Mellette	136	126	262	352	319	671	17.8%
Perkins	14	17	31	36	43	79	2.1%
Stanley	6	7	13	16	18	33	0.9%
Tripp	37	39	76	96	99	195	5.2%
Ziebach	9	10	19	23	25	49	1.3%
Shannon	0	0	0	0	0	0	0.0%
Todd	24	13	37	62	33	95	2.5%
Unknown	44	24	68				
TOTALS	829	710	1,539	2,030	1,739	3,769	

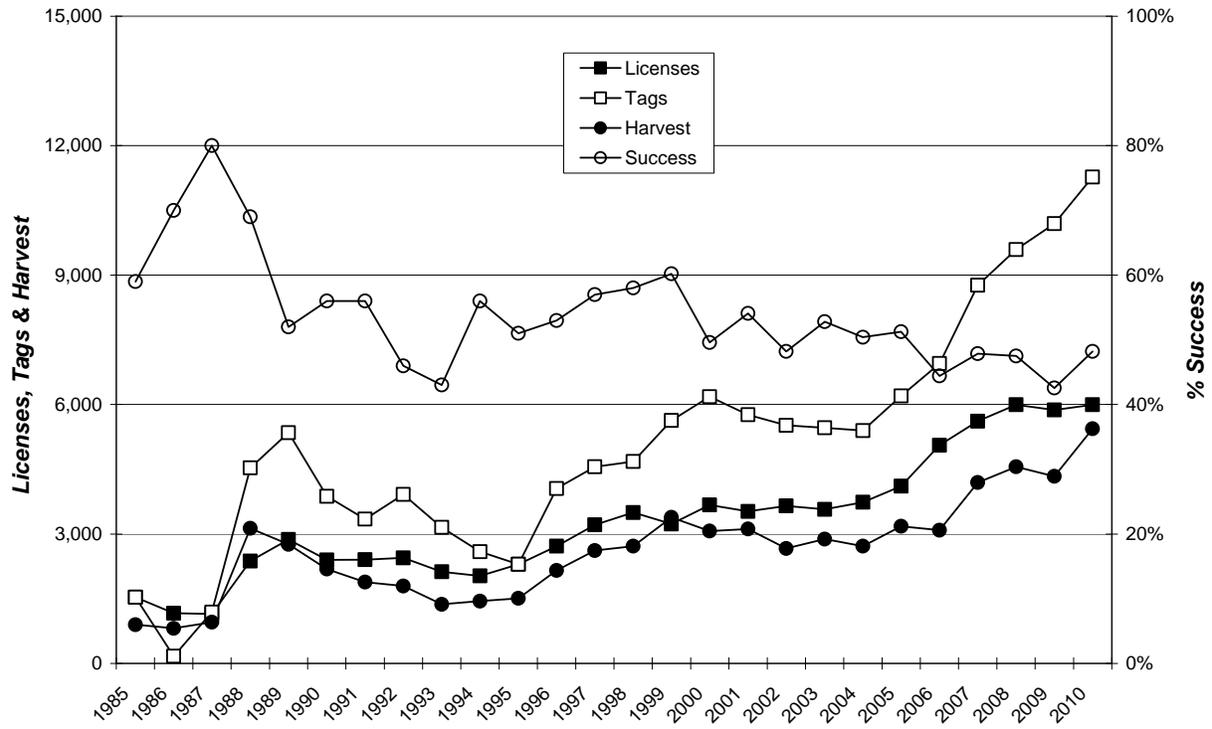
Any by county projected harvest values will differ from by unit projected harvest values due to incorrect sampling proportions within counties.

Use these figures for approximations only!

2010 Harvest Distribution for the Northeast Prairie Unit (NE1)

County	Reported Harvest		Projected Harvest		% of Total Toms	% of Total Hens
	Toms	Hens	Toms	Hens		
Codington	15	5	38	13	6.4%	3.4%
Day	21	8	54	20	8.9%	5.5%
Grant	77	48	196	123	32.6%	33.1%
Marshall	41	27	105	69	17.4%	18.6%
Roberts	82	57	209	146	34.7%	39.3%
Total	236	145	602	371	100.0%	100.0%

Fall Prairie Turkey 1985-2010



FALL BLACK HILLS TURKEY

There were 3,312 Fall Black Hills Turkey licenses (3,198 resident, 114 nonresident) sold in South Dakota for the 2010 season. All were single tag licenses valid for either a tom or a hen.

Of the 498 license-holders that were sampled, 370 responded for a 74% response rate. Approximately 54% of responding hunters used the Internet response site.

The fall season ran from October 1 through January 31, a total of 123 days (92 days in 2006, 31 days in 2005, 16 days in 2004, 9 days in 2003). Respondents reported hunting an average of 3.05 days, which projected to a total of 7,753 recreation days for the season.

An estimated 907 toms were harvested along with 646 hens, a total of 1,553 turkeys. The overall estimated success rate for the season was 47%. The mean satisfaction score reported by hunters was 5.22 (1 representing "very dissatisfied" and 7 representing "very satisfied").

Summary comparison of the 2000-2010 Fall Black Hills Turkey seasons

YEAR	LICENSES SOLD		HARVEST				Avg Days	Average
	Resident	Nonresid	Toms	Hens	Total	%Success	Hunted	Satisfaction
2000	595	33	123	210	333	54%	2.21	NA
2001	No Season							
2002	300	25	104	78	182	56%	2.22	5.91
2003	400	32	114	165	279	65%	1.84	5.95
2004	708	42	206	270	476	63%	2.12	5.97
2005	1,312	83	321	399	720	52%	2.51	6.04
2006	3,081	159	681	962	1,643	51%	3.50	5.34
2007	3,641	138	1,130	1,039	2,169	57%	3.24	5.49
2008	4,155	164	806	1,179	1,986	46%	3.39	5.40
2009	3,506	140	658	711	1,369	38%	3.77	4.78
2010	3,198	114	907	646	1,553	47%	3.05	5.22

2010 Fall Black Hills Turkey Harvest Projections

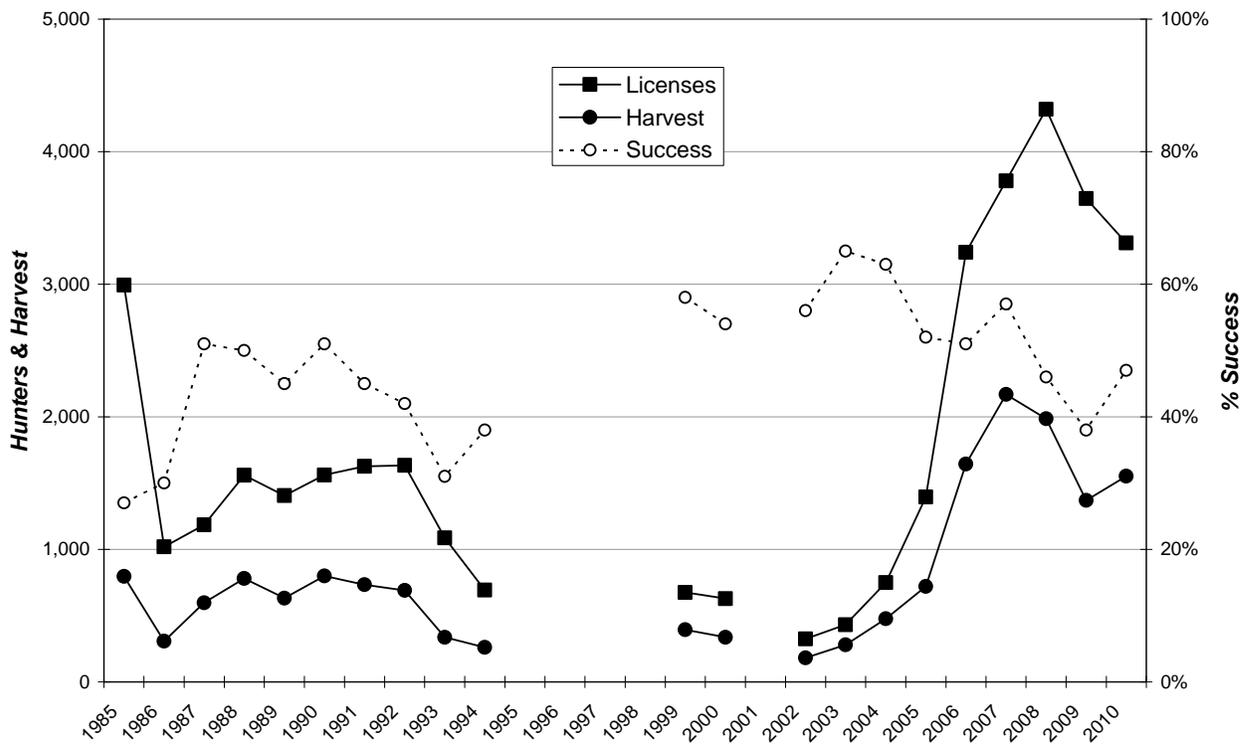
Last Revised:
04-May-11

Unit/Type	Hunters	Licenses						Response Rate	Unit Success	Harvest Projections			Average Days Hunted	Mean Satisfctn Score
		Resident			Nonresident					Total				
		Appl. 1st Choice *	Avail.	Sold	Appl. 1st Choice *	Avail.	Sold			Toms	Hens	Harvest		
BH1-31	2,542	1,109	5,000	3,198	50	400	114	74% #	47%	907	646	1,553	3.05	5.22

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

Harvest projections were developed for units where response rate was less than 85% and may not be within +/- 15% of the sample statistic.

Black Hills Fall Turkey 1985-2010



FALL MENTORED YOUTH TURKEY

There were 423 Fall Mentored Youth Turkey licenses sold in South Dakota for the 2010 season. All were single tag licenses valid for either a tom or a hen. All mentors/hunters were sampled and 304 responses (72%) were received. Approximately 24% of responding mentors/hunters used the Internet response site.

The fall season ran from October 1 through January 31, a total of 123 days. Respondents reported hunting an average of 1.91 days, which projected to a total of 808 recreation days for the season.

An estimated 88 toms were harvested along with 68 hens, a total of 156 turkeys. The overall projected success rate for this season was 37%. The mean satisfaction score reported by hunters was 5.59 (1 representing "very dissatisfied" and 7 representing "very satisfied").

The two counties with the highest reported harvest were Pennington and Lawrence.

Summary comparison of the 2008-2010 Fall Mentored Youth Turkey seasons

YEAR	Licenses	HARVEST				Avg Days	Average
	Sold	Toms	Hens	Total	%Success	Hunted	Satisfaction
2008	236	59	43	101	43%	2.75	5.91
2009	353	65	45	110	31%	2.63	5.55
2010	423	88	68	156	37%	1.91	5.59

2010 Fall Youth Turkey Harvest Projections

Last Revised:		Licenses		Harvest Projections				Average	Mean	
04-May-11		Resident		Response	Unit	Total		Days	Satisfctn	
Unit/Type	Avail.	Sold	Rate	#	Success	Toms	Hens	Harvest	Hunted	Score
ST1-31	Unlim	423	72%	#	37%	88	68	156	1.91	5.59

Harvest projections were developed for units where response rate was less than 85% and may not be within +/- 15% of the sample statistic.

South Dakota Game Report No 2011-05 - 2010 Big Game Harvest Projections
Corey Huxoll

2010 Mentored Turkey Harvest Distribution

Last Revised:
04-May-11

County	Reported Harvest			Projected Harvest			%
	Toms	Hens	Total	Toms	Hens	Total	
Minnehaha	0	0	0	0	0	0	0.0%
Pennington	7	11	18	10	15	25	16.1%
Brown	0	0	0	0	0	0	0.0%
Beadle	0	0	0	0	0	0	0.0%
Codington	2	2	4	3	3	6	3.6%
Brookings	0	0	0	0	0	0	0.0%
Yankton	1	1	2	1	1	3	1.8%
Davison	2	2	4	3	3	6	3.6%
Lawrence	7	6	13	10	8	18	11.6%
Aurora	0	0	0	0	0	0	0.0%
Bennett	0	2	2	0	3	3	1.8%
Bon Homme	4	1	5	6	1	7	4.5%
Brule	0	1	1	0	1	1	0.9%
Buffalo	0	0	0	0	0	0	0.0%
Butte	2	3	5	3	4	7	4.5%
Campbell	0	0	0	0	0	0	0.0%
Charles Mix	0	1	1	0	1	1	0.9%
Clark	0	0	0	0	0	0	0.0%
Clay	1	0	1	1	0	1	0.9%
Corson	3	1	4	4	1	6	3.6%
Custer	2	2	4	3	3	6	3.6%
Day	0	0	0	0	0	0	0.0%
Deuel	0	1	1	0	1	1	0.9%
Dewey	2	2	4	3	3	6	3.6%
Douglas	1	0	1	1	0	1	0.9%
Edmunds	0	0	0	0	0	0	0.0%
Fall River	2	1	3	3	1	4	2.7%
Faulk	0	0	0	0	0	0	0.0%
Grant	0	0	0	0	0	0	0.0%
Gregory	4	1	5	6	1	7	4.5%
Haakon	2	0	2	3	0	3	1.8%
Hamlin	0	0	0	0	0	0	0.0%
Hand	0	0	0	0	0	0	0.0%
Hanson	0	0	0	0	0	0	0.0%
Harding	0	0	0	0	0	0	0.0%
Hughes	0	0	0	0	0	0	0.0%
Hutchinson	0	2	2	0	3	3	1.8%
Hyde	0	0	0	0	0	0	0.0%
Jackson	1	0	1	1	0	1	0.9%
Jerauld	0	0	0	0	0	0	0.0%
Jones	0	0	0	0	0	0	0.0%
Kingsbury	0	0	0	0	0	0	0.0%
Lake	0	0	0	0	0	0	0.0%
Lincoln	0	0	0	0	0	0	0.0%
Lyman	5	0	5	7	0	7	4.5%
McCook	0	0	0	0	0	0	0.0%
McPherson	0	0	0	0	0	0	0.0%
Marshall	0	1	1	0	1	1	0.9%
Meade	4	1	5	6	1	7	4.5%
Mellette	1	2	3	1	3	4	2.7%
Miner	0	0	0	0	0	0	0.0%
Moody	0	0	0	0	0	0	0.0%
Perkins	1	0	1	1	0	1	0.9%
Potter	0	0	0	0	0	0	0.0%
Roberts	2	1	3	3	1	4	2.7%
Sanborn	0	0	0	0	0	0	0.0%
Spink	0	0	0	0	0	0	0.0%
Stanley	0	0	0	0	0	0	0.0%
Sully	0	0	0	0	0	0	0.0%
Tripp	3	2	5	4	3	7	4.5%
Turner	0	0	0	0	0	0	0.0%
Union	2	2	4	3	3	6	3.6%
Walworth	0	0	0	0	0	0	0.0%
Ziebach	1	0	1	1	0	1	0.9%
Shannon	0	0	0	0	0	0	0.0%
Todd	1	0	1	1	0	1	0.9%
Unknown	0	0	0				
TOTALS	63	49	112	88	68	156	

Any by county projected harvest values will differ from by unit projected harvest values due to incorrect sampling proportions within counties.

Use these figures for approximations only!

ARCHERY ANTELOPE

There were 1,993 archery antelope licenses issued in 2010 (1,490 resident and 503 nonresident) making up 3,575 tags. Three-tag licenses were available for this season for the second year in a row. Approximately 50% of all license holders were sampled and the survey response rate was 76%, with 54% responding over the Internet.

The overall success rate for the archery season was projected to be 13%, with 350 bucks, 72 does, 13 buck-kids, and 15 doe-kids harvested. The archery season ran from August 21 through October 31, except when and where a state firearm antelope season was open. Of the 21 counties where antelope were reported harvested, Butte and Harding Counties accounted for over 52% of all harvest.

Average hunter satisfaction was 4.63 and was based on a numerical scale from 1 (very dissatisfied) to 7 (very satisfied), 4 being neutral.

2010 Archery Antelope Harvest Projections

Unit/Type	Resident		Nonres		Tags sold	Response Rate	Unit/Subunit Success	Tag Success			Harvest Projections				Avg Satisfactn Rating	Avg Days Hunted		
	Avail.	Sold	Avail.	Sold				1st Tag	2nd Tag	3rd Tag	Buck	Doe	Total	Satisfactn Rating			Days Hunted	
											Bucks	Does	Kids					Kids
ST1-41	Unlmt	847	Unlmt	355	1,202	74%	18%	18%				210	5	5	0	221	4.69	3.77
ST1-44	Unlmt	643	Unlmt	148	2,373	78%	10%	18%	8%	3%		140	66	8	15	230	4.57	4.63
Totals		1,490		503	3,575	75.6%	13%					350	72	13	15	450	4.63	4.13

Last Revised: 2/10/2011
 # Units less than 85% response rate & harvest projections may not be within +/- 15% of sample statistic.
 Satisfaction is based on a scale of 1-7, where "1" is very dissatisfied, "4" is neutral and "7" is very satisfied.

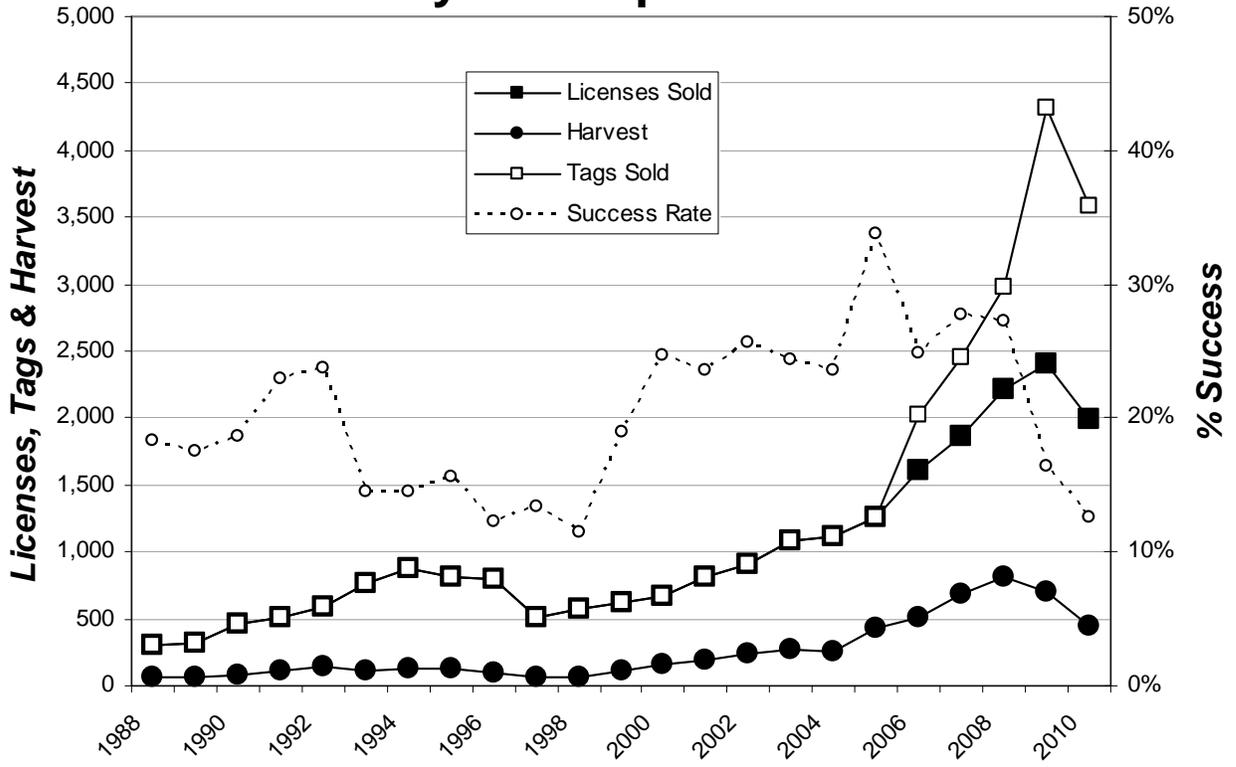
Harvest summaries for 2001-2010 Archery Antelope

YEAR	Licenses Sold		Harvest			Avg. Days Hunted	Average Satisfaction
	Resident	Nonresident	Bucks	Does	Success		
2001	631	186	176	17	24%	4.74	5.36
2002	711	199	210	24	25%	5.12	5.30
2003	866	212	240	23	24%	4.83	5.33
2004	837	278	241	21	23%	4.76	5.35
2005	993	262	391	32	34%	4.31	5.72
2006	1,200	412	412	79	25%	4.52	5.46
2007	1,332	533	572	108	28%	4.25	5.40
2008	1,599	614	657	157	27%	4.42	5.48
2009	1,713	686	516	189	16%	4.47	4.75
2010	1,490	503	363	87	13%	4.13	4.63

Distribution of 2010 Archery Antelope by county of harvest

County	No. Reports	% of Total	County	No. Reports	% of Total	County	No. Reports	% of Total
Butte	44	28.0%	Stanley	3	1.9%	Haakon	1	0.6%
Harding	38	24.2%	Hyde	2	1.3%	Hughes	1	0.6%
Fall River	21	13.4%	Jones	2	1.3%	Lyman	1	0.6%
Meade	18	11.5%	Potter	2	1.3%	Tripp	1	0.6%
Perkins	5	3.2%	Sully	2	1.3%	Ziebach	1	0.6%
Pennington	4	2.5%	Lawrence	1	0.6%			
Jackson	4	2.5%	Corson	1	0.6%			
Campbell	4	2.5%	Custer	1	0.6%			
						Total	157	

Archery Antelope 1988-2010



FIREARM ANTELOPE

A total of 9,923 licenses were available (9,180 resident, 743 nonresident) for the 2010 Firearm Antelope hunting season. A total of 9,775 licenses were sold (8,806 resident, 969 nonresident) representing 18,319 total tags.

The primary Firearm Antelope season was open 16 days from October 2-17. Any unsold or unfilled tags converted to "doe/kid" tags and were valid January 1-9, 2011.

A random sample of 4,116 hunters was taken from total license sales and 3,333 surveys were returned for an 81% response rate. Approximately 54% of surveyed hunters responded over the Internet.

Respondents reported hunting an average of 2.49 days each, which projected to 23,354 total recreation days for the season. Of those responding, 9.4% reported they did not hunt at all.

The harvest projection for the season was 3,536 adult bucks, 4,269 adult does, 396 kid bucks, and 748 kid does for a total of 8,949 antelope. The projected overall success for the season was 49%.

Harvest summaries for the 2000-2010 Firearm Antelope seasons

YEAR	Licenses Sold		Harvest			Success	Avg. Days Hunted	Average Satisfaction
	Resident	Nonres	Bucks	Does	Total			
2000	4,165	0	2,194	1,148	3,342	71%	1.71	5.31
2001	4,651	314	3,006	1,650	4,656	70%	1.82	5.30
2002	4,495	318	2,957	1,487	4,444	68%	1.92	5.39
2003	5,340	419	3,671	2,277	5,948	70%	2.04	5.39
2004	5,783	448	3,900	3,132	7,032	71%	2.07	5.36
2005	7,150	659	4,633	4,188	8,821	64%	1.82	5.62
2006	8,540	812	6,213	5,586	11,799	67%	2.08	5.08
2007	10,174	1,070	7,123	6,546	13,669	62%	2.23	5.28
2008	11,443	1,390	7,542	9,514	17,056	50%	2.43	5.11
2009	11,109	1,342	6,495	7,605	14,100	44%	2.36	4.50
2010	8,806	969	3,932	5,017	8,949	49%	2.49	4.69

2010 Firearm Antelope Harvest Projections

Last Revised: 14 Apr 2012																
Unit Description	Unit Type	Residents			Nonresidents			Harvest Projections								
		Appl. 1st			Appl. 1st			Success			Adults		Kids		Total Harvest	
		Choice *	Available	Sold	Choice *	Available	Sold	1st tag	2nd tag	3rd tag	Bucks	Does	Bucks	Does		
Butte NW1	15A	48	512	200	200	73	16	16	70%	46%		153	67	10	23	251
	15A	49	9	100	100	12	8	8	62%	45%		0	96	11	7	115
Butte NW2	15E	48	96	200	201	49	16	16	67%	44%		146	63	15	22	244
	15E	49	2	50	30	0	4	24	100%	44%		0	48	17	11	78
Butte/Lawrence1	15B	48	893	400	403	121	32	32	52%	39%		159	147	6	10	324
	15B	49	29	200	200	37	16	16	50%	32%		0	130	0	35	164
Butte/Lawrence2	15F	48	165	350	349	29	28	28	39%	33%		174	130	40	11	353
	15F	49	3	200	158	12	16	58	60%	14%		0	130	9	44	182
Harding W1	35A	48	575	250	250	126	20	20	66%	43%		173	104	4	20	297
	35A	49	12	100	100	19	8	8	76%	48%		0	94	10	27	135
Harding W2	35E	48	146	250	251	69	20	20	65%	28%		181	69	7	3	256
	35E	49	1	100	44	8	8	24	58%	38%		0	42	9	12	66
Harding E1	35B	48	422	200	202	63	16	16	58%	33%		129	72	0	4	200
	35B	49	10	100	97	18	8	11	44%	28%		0	46	15	11	78
Harding E2	35F	48	110	200	200	29	16	16	48%	27%		100	55	9	3	165
	35F	49	4	100	32	5	8	19	45%	45%		0	36	0	9	46
Meade N1	49A	48	646	250	251	81	20	20	71%	47%		187	132	5	3	323
	49A	49	12	100	100	24	8	8	63%	28%		0	67	5	23	98
Meade N2	49E	48	152	250	250	23	20	20	57%	43%		148	101	5	23	274
	49E	49	4	100	81	10	8	27	62%	31%		0	78	6	12	100
Meade S1	49B	48	267	150	150	21	12	13	65%	46%		107	67	8	4	187
	49B	49	11	50	46	2	4	7	65%	25%		0	32	0	19	47
Meade S2	49F	48	15	100	101	12	8	8	62%	51%		68	50	2	4	122
	49F	49	1	50	42	0	4	11	44%	33%		0	33	4	0	41
Perkins N	53A	41	162	50	50	26	4	4	44%			13	8	0	1	24
	53A	43	5	50	50	5	4	4	53%			0	21	6	3	29
Perkins S	53B	41	388	300	299	70	24	24	54%			142	37	0	2	175
	53B	43	6	100	81	12	8	27	38%			0	23	3	9	41
Pennington NE	02A	48	64	80	80	6	7	7	60%	44%		42	39	7	5	94
Pennington SE	02C	48	215	100	100	22	8	8	59%	55%		63	54	8	10	132
	02C	49	5	100	96	5	8	12	50%	35%		0	68	13	13	97
Bennett/Shannon	11A	48	129	80	80	11	7	7	75%	51%		65	44	0	3	108
	11A	49	1	70	44	2	6	2	75%	50%		0	43	0	10	57
Corson	20A	41	188	100	99	12	8	8	39%			32	12	3	0	42
	20A	43	2	150	102	1	12	15	41%			0	25	4	13	48
Custer E /Penn C	21A	48	335	125	125	43	10	10	82%	47%		107	62	5	2	176
	21A	49	8	50	50	2	4	4	52%	36%		0	36	4	7	48
Dewey	24A	41	63	80	80	7	7	7	39%			30	7	0	0	34
	24A	43	2	100	21	0	8	8	72%			0	15	3	0	21
F River/Custer SW1	27A	48	1,378	700	701	181	56	56	52%	44%		302	333	28	73	754
	27A	49	58	500	461	42	40	79	64%	32%		0	405	21	129	531
F River/Custer SW2	27E	48	190	400	398	44	32	32	47%	43%		155	217	0	30	407
	27E	49	14	200	136	5	16	36	53%	27%		0	111	30	0	142
Haakon	31A	48	126	150	151	17	12	12	58%	38%		85	69	0	2	156
Hughes/Hyde	36A	41	61	60	60	2	5	5	77%			43	7	0	0	50
Jackson	39A	48	225	150	150	36	12	12	65%	57%		109	85	8	4	202
	39A	49	3	150	80	9	12	18	64%	44%		0	81	4	19	108
Jones	41A	44	122	150	149	13	12	12	61%	46%	23%	100	104	7	6	215
	41A	45	5	30	19	3	3	3	88%	50%	25%	0	22	2	9	36
Lyman	45A	48	104	150	144	20	12	19	45%	28%		73	39	2	6	116
	45A	49	17	75	37	2	6	7	63%	38%		0	28	7	5	43
Ft Pr Nat Grslnd	45B	48	192	20	22	9	2	2	59%	36%		16	8	1	0	23
	45B	49	18	60	60	8	5	5	53%	29%		0	46	4	4	55
Mellette	50A	48	105	100	101	20	8	8	58%	32%		70	26	8	7	105
	50A	49	4	50	31	2	4	5	75%	50%		0	35	0	5	46
Stanley	58A	43	1	40	32	2	4	12	56%			0	9	3	8	25
	58A	48	102	100	101	5	8	8	59%	36%		70	34	4	4	108
Sully	59A	48	68	40	40	2	4	4	67%	37%		31	16	0	0	45
	59A	49	1	40	35	1	4	1	53%	26%		0	25	1	0	28
Tripp	60A	48	50	30	30	2	3	3	67%	47%		24	15	0	0	37
	60A	49	2	20	17	0	2	3	69%	25%		0	13	1	2	18
Walworth/Potter	63A	48	63	40	41	3	4	3	46%	46%		17	19	1	4	41
	63A	49	7	40	38	1	4	2	63%	25%		0	28	0	6	35

(continued next page)

South Dakota Game Report No 2011-05 - 2010 Big Game Harvest Projections
 Corey Huxoll

Last Revised: 14 Apr 2012

Unit Description	Unit Type	Residents			Nonresidents			Harvest Projections								
		Appl. 1st		Sold	Appl. 1st		Sold	Success			Adults		Kids		Total Harvest	
		Choice *	Available		Choice *	Available		1st tag	2nd tag	3rd tag	Bucks	Does	Bucks	Does		
Ziebach	64A 41	207	200	200	22	16	16	52%				103	7	0	0	112
	64A 43	2	100	78	6	8	13	46%				0	37	0	2	42
Landowner Own Land	ST1 41	NA	Unltd	119	NA	0	0	55%				58	8	0	0	65
	ST1 48	NA	Unltd	180	NA	0	0	42%	33%			63	59	6	3	132
Totals		8,795	9,180	8,806	1,524	743	969		1st tag	2nd tag		3,536	4,269	396	748	8,949
									60%	41%						
									60%	33%						

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

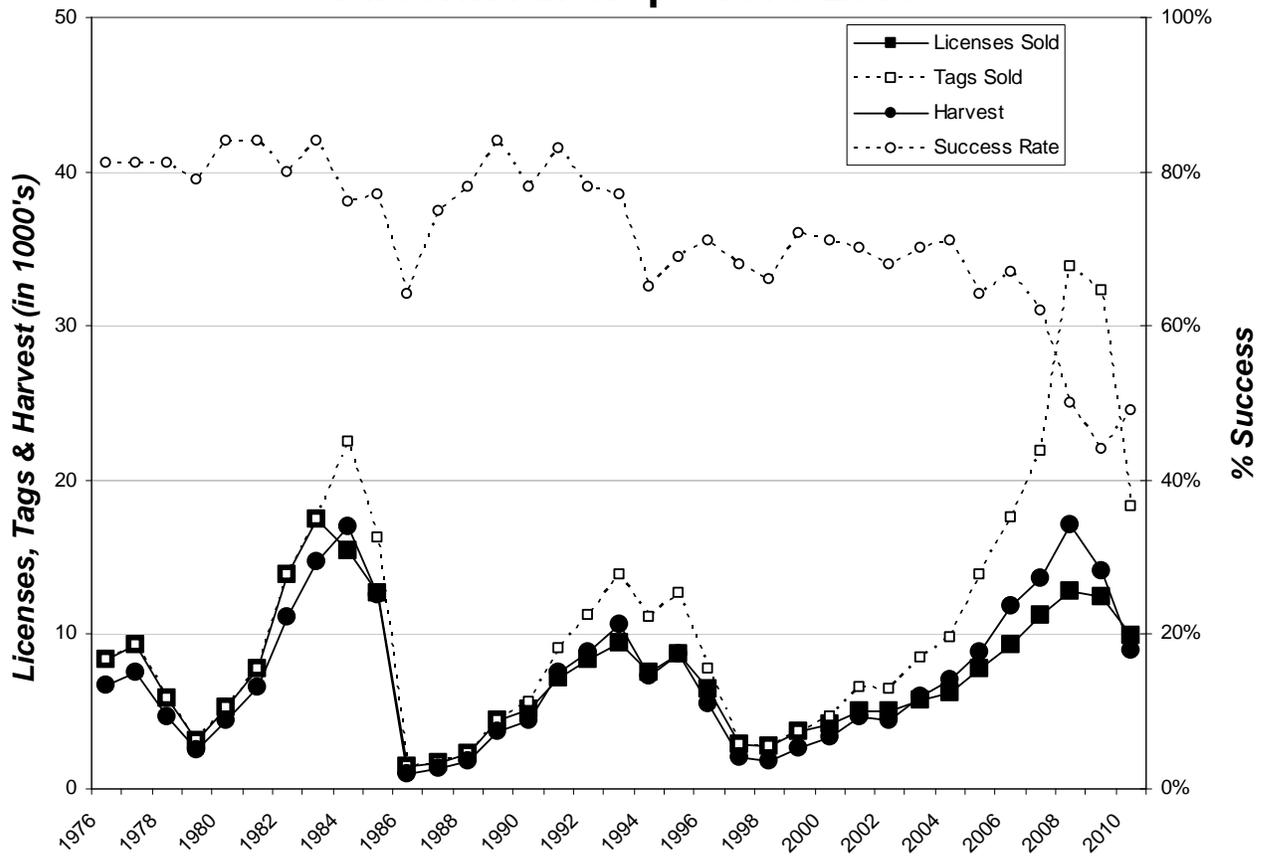
2010 Firearm Antelope Harvest Projections

Last Revised: 11 Apr 2011

Unit	Hunters	Residents		Nonresidents		Tags Sold	Response Rate	Unit/Subunit	Harvest Projections					Avg Satisf Score	Avg Days Hunted			
		Available	Sold	Available	Sold				Success	Adults		Kids				Total Harvest		
										Bucks	Does	Bucks	Does					
Bennett/Shannon	123	150	124	13	9	266	82%	#	62%	65	87	0	12	165	5.37	2.81		
Butte NW	587	550	531	44	64	1,190	84%	#	58%	299	273	52	64	688	5.13	2.48		
Butte/Lawrence	1,197	1,150	1,110	92	134	2,488	81%	#	41%	333	536	55	99	1,023	4.24	2.82		
Corson	201	250	201	20	23	224	86%		40%	32	37	7	13	89	3.71	2.50		
Custer E /Penn C	189	175	175	14	14	378	80%	#	59%	107	97	10	10	223	5.23	2.35		
Dewey	104	180	101	15	15	116	82%	#	47%	30	22	3	0	55	4.56	2.00		
Fall River /Custer SW	1,768	1,800	1,696	144	203	3,798	81%	#	48%	456	1,065	80	232	1,833	4.60	2.55		
Ft Pr Nat Grslnd	89	80	82	7	7	178	85%		44%	16	54	5	4	78	4.67	2.80		
Haakon	163	150	151	12	12	326	79%	#	48%	85	69	0	2	156	4.78	2.41		
Harding E	584	600	531	48	62	1,186	79%	#	41%	229	209	24	28	489	4.18	2.14		
Harding W	708	700	645	56	72	1,434	85%		53%	354	310	30	61	755	4.69	2.06		
Hughes/Hyde	65	60	60	5	5	65	86%		77%	43	7	0	0	50	5.42	1.98		
Jackson	251	300	230	24	30	520	77%	#	60%	109	166	12	24	310	4.94	2.80		
Jones	183	180	168	15	15	549	81%	#	46%	100	126	9	15	251	5.44	2.80		
Lyman	206	225	181	18	26	414	76%	#	38%	73	67	9	11	159	4.64	2.92		
Meade N	737	700	682	56	75	1,514	80%	#	53%	335	378	21	61	795	4.70	2.48		
Meade S	368	350	339	28	39	756	85%		53%	175	183	13	27	398	4.77	2.78		
Mellette	131	150	132	12	13	290	82%	#	52%	70	61	8	11	151	5.58	2.34		
Pennington NE	87	80	80	7	7	174	82%	#	54%	42	39	7	5	94	4.96	2.53		
Pennington SE	208	200	196	16	20	432	85%		53%	63	122	21	23	229	4.62	2.49		
Perkins N	108	100	100	8	8	108	82%	#	49%	13	29	6	4	53	4.46	2.50		
Perkins S	413	400	380	32	51	431	85%		50%	142	61	3	12	217	4.35	1.98		
Stanley	145	140	133	12	20	262	76%	#	51%	70	43	7	13	132	5.30	2.44		
Sully	75	80	75	8	5	160	81%	#	46%	31	42	1	0	74	5.29	2.32		
Tripp	53	50	47	5	6	106	89%		52%	24	28	1	2	55	5.35	2.72		
Walworth/Potter	83	80	79	8	5	168	85%		45%	17	47	1	11	76	4.24	2.51		
Ziebach	254	300	278	24	29	307	78%	#	50%	103	44	5	2	154	4.13	2.53		
Landowner Own Land	299	Unltd	299	0	0	479	70%	#	41%	121	66	6	3	196	4.41	2.74		
Totals	9,379	9,180	8,806	743	969	18,319	81.0%	#	49%			3,536	4,269	396	748	8,949	4.69	2.49
												39.5%	47.7%	4.4%	8.4%	100%		

These units showed less than 85% response so harvest projections may not be within (+/-) 15% of sample statistic
 The response rate for all units combined is: **81.0%**
 Satisfaction is based on a scale of 1-7, where "1" is very dissatisfied, "4" is neutral and "7" is very satisfied.

Firearm Antelope 1976-2010



MENTORED YOUTH ANTELOPE

There were 319 resident single-tag doe/kid licenses issued for the 2010 Mentored Youth Antelope hunting season. All mentors/hunters with addresses were sampled and 221 responses (70%) were received. Approximately 21% of responding mentors/hunters used the Internet response site.

The Mentored Youth licenses were valid during the Archery and Firearm Antelope seasons. The Archery season ran from August 21 through October 31, except when and where a state firearm antelope season was open. The primary Firearm Antelope season was open 16 days from October 2-17. Any unsold or unfilled tags converted to "doe/kid" tags and were valid January 1-9, 2011.

Respondents reported hunting an average of 1.88 days each, which projected to 600 recreation days for the season.

Projections for the season estimated that a total of 16 buck kids, 91 doe adults and 14 doe kids were harvested. The total harvest for the Mentored Youth Antelope season was 121, and the overall success rate was 38%. The five counties with the highest reported harvest were Meade, Fall River, Butte, Harding and Pennington.

The average satisfaction rating for those responding (1 being very dissatisfied and 7 very satisfied) was 5.15.

Summary for the 2008-2010 Mentored Youth Antelope hunting seasons

YEAR	Licenses Sold	Harvest				Success	Avg Days Hunted	Average Satisfctn
		Buck Kids	Doe		Total			
			Adults	Kids				
2008	172	10	68	6	84	49%	1.96	5.87
2009	280	12	82	14	107	38%	1.85	4.96
2010	319	16	91	14	121	38%	1.88	5.15

2010 Mentored Youth Antelope Harvest Projections

Last Revised: 19-Apr-11		Harvest Projections							Avg Satisfctn	Avg Days Hunted
Unit/Type	Available	Sold	Response Rate	Unit Success	Does	Kids	Buck Kids	Total Harvest	Score	
ST1-43	Unlimited	319	70% #	38%	91	14	16	121	5.15	1.88
# These units showed less than 85% response so harvest projections may not be within (+/-) 15% of sample statistic										
Satisfaction is based on a scale of 1-7, where "1" is most dissatisfied, "4" is neutral and "7" is most satisfied.										

2010 Mentored Antelope Harvest Distribution

Last Revised:

19-Apr-11

County	Reported Harvest				Projected Harvest			Total	
	Does	Doe Kids	Buck Kids	Total	Does	Doe Kids	Buck Kids	Projected	%
Pennington	4	1	1	6	6	1	1	9	7.3%
Lawrence	0	0	0	0	0	0	0	0	0.0%
Bennett	1	0	0	1	1	0	0	1	1.2%
Butte	9	1	2	12	13	1	3	18	14.6%
Corson	0	0	1	1	0	0	1	1	1.2%
Custer	2	0	0	2	3	0	0	3	2.5%
Dewey	0	0	0	0	0	0	0	0	0.0%
Fall River	10	2	2	14	15	3	3	21	17.1%
Gregory	0	0	0	0	0	0	0	0	0.0%
Haakon	3	0	0	3	4	0	0	4	3.7%
Harding	10	0	1	11	15	0	1	16	13.5%
Hughes	0	2	0	2	0	3	0	3	2.4%
Hyde	0	0	0	0	0	0	0	0	0.0%
Jackson	0	0	1	1	0	0	1	1	1.2%
Jones	2	0	0	2	3	0	0	3	2.5%
Lyman	3	0	0	3	4	0	0	4	3.7%
Meade	9	3	1	13	13	4	1	19	15.8%
Mellette	1	0	0	1	1	0	0	1	1.2%
Perkins	3	1	1	5	4	1	1	7	6.1%
Potter	0	0	1	1	0	0	1	1	1.2%
Stanley	2	0	0	2	3	0	0	3	2.5%
Tripp	1	0	0	1	1	0	0	1	1.2%
Ziebach	1	0	0	1	1	0	0	1	1.2%
Shannon	0	0	0	0	0	0	0	0	0.0%
Todd	0	0	0	0	0	0	0	0	0.0%
Unknown	2	0	0	2					
TOTALS	63	10	11	84	91	14	16	121	

Any by county projected harvest values will differ from by unit projected harvest values due to incorrect sampling proportions within counties.
 Use these figures for approximations only!

ARCHERY ELK

A total of 144 resident licenses were issued for the 2010 Archery Elk season. All license holders were sent a survey at the end of the season and 137 responded for a 95.1% response rate. Approximately 26% of responding hunters used the Internet response system.

Respondents reported hunting an average of 11.88 days for a total of 1,711 days of recreation. The projected harvest was 34 bulls and 6 cows for an overall success rate of 28%.

Hunter satisfaction was based on a numerical scale from 1 (very dissatisfied) to 7 (very satisfied) and averaged 5.16 for the season.

Prior to 2002 it was assumed that any hunter that did not report harvesting an elk at the mandatory check in was unsuccessful, and success was measured by dividing the number of hunters that reported harvesting an elk by the total number of tags issued.

Summary comparison of the 2001-2010 Archery Elk seasons

YEAR	Licenses	Harvest			Success	Avg. Days Hunted	Average Satisfaction
	Sold	Bulls	Cows	Total			
2001	140	34	1	35	25%	12.39	NA
2002	151	34	14	49	32%	11.41	5.56
2003	192	48	10	58	30%	11.29	5.53
2004	192	47	12	59	31%	10.95	5.49
2005	267	42	14	56	21%	10.10	5.39
2006	247	30	17	47	19%	10.00	5.12
2007	237	41	22	63	27%	10.58	5.27
2008	202	47	9	56	28%	10.87	5.31
2009	185	52	9	61	33%	10.29	5.52
2010	144	34	6	40	28%	11.88	5.16

2010 Archery Elk Harvest Projections

Last Revised: 18 April 2011

Unit/Type	Resident Licenses					Harvest Projections						Avg Satisfctn Score	Avg Days Hunted	Land Hunted Most		
	Appl. 1st	Choice *	Avail.	Sold	Resp.	Success	Bulls	Cows	Calves	Calves	Total Elk Harvested			Elk Shot Not Recovered	Public	Own
H1A-21	614	25	25	100%	44%	10	0	1	0	11	6	5.8	14.0	25	0	0
H1A-23	5	25	25	100%	8%	0	2	0	0	2	2	4.6	10.0	23	1	0
H2A-21	2,535	40	40	95%	32%	13	0	0	0	13	8	5.7	13.3	40	0	0
H2A-23	9	15	15	100%	27%	0	4	0	0	4	2	5.6	7.4	13	0	1
H3A-21	418	15	16	88%	57%	9	0	0	0	9	2	5.1	11.0	10	2	3
H3A-23	2	5	5	100%	0%	0	0	0	0	0	0	4.6	11.4	5	0	0
H4A-21	19	5	5	80%	# 0%	0	0	0	0	0	3	4.3	13.3	1	0	3
H5A-21	20	2	2	100%	0%	0	0	0	0	0	0	2.5	18.0	2	0	0
H7A-21	98	5	5	80%	# 0%	0	0	0	0	0	0	2.8	15.8	5	0	0
H9A-21	6	2	2	100%	50%	1	0	0	0	1	0	4.5	18.0	1	0	1
30A-21	29	2	1	100%	0%	0	0	0	0	0	0	2.0	8.0	0	0	1
30A-23	6	4	3	67%	# 0%	0	0	0	0	0	0	1.0	1.5	2	0	0
TOTAL	3,761	145	144	95.1%	27.6%	33	6	1	0	40	23	5.16	11.88	128	3	8

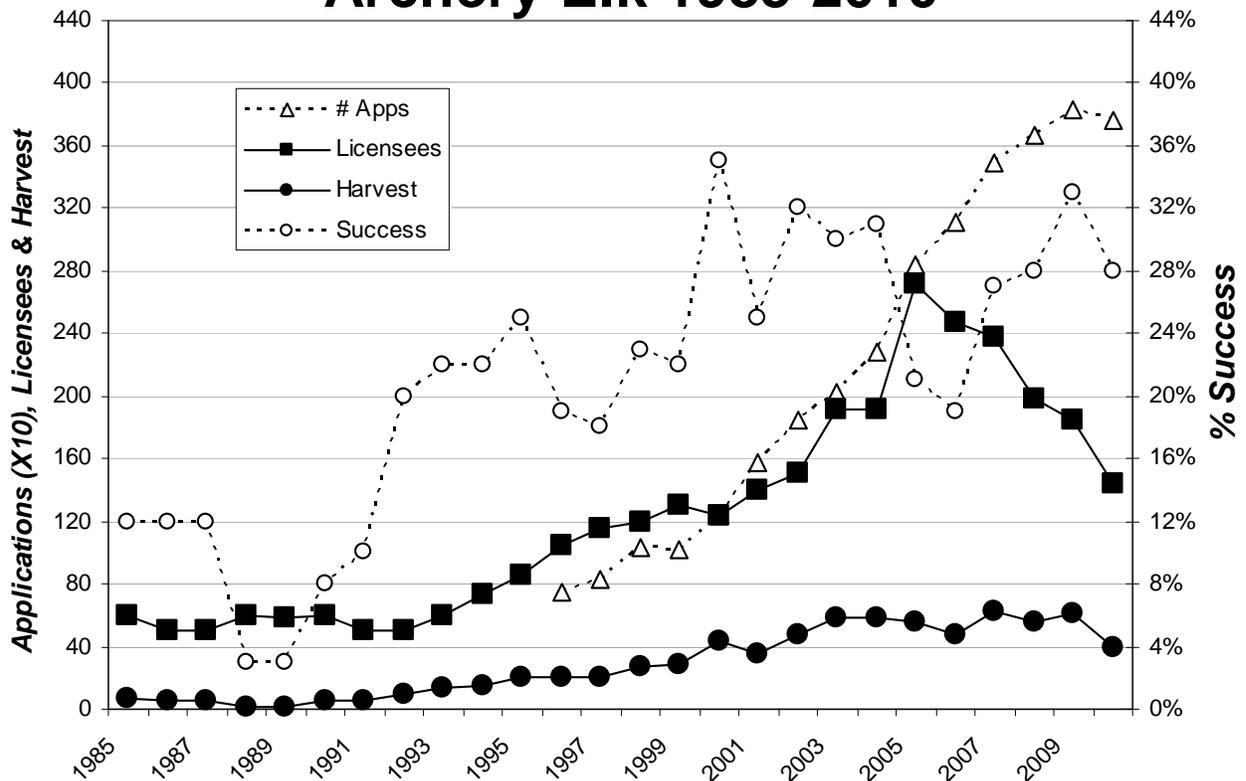
The response rate for all units combined is: 95.1%
 Satisfaction scale of 1=very dissatisfied to 7=very satisfied. 92% 2% 6%
 # Harvest projections were developed for units where response rate was less than 85% and may not be within +/- 15% of the sample statistic.
 * Number of 1st drawing applicants with that unit as 1st choice.

2010 Archery Elk Harvest Date Distribution

Kill Date	Reported	Percent	Kill Date	Reported	Percent
9/1	0		9/16	1	2.94%
9/2	2	5.88%	9/17	1	2.94%
9/3	1	2.94%	9/18	2	5.88%
9/4	0		9/19	1	2.94%
9/5	1	2.94%	9/20	0	
9/6	0		9/21	2	5.88%
9/7	0		9/22	0	
9/8	3	8.82%	9/23	3	8.82%
9/9	0		9/24	0	
9/10	2	5.88%	9/25	1	2.94%
9/11	1	2.94%	9/26	6	17.65%
9/12	0		9/27	1	2.94%
9/13	0		9/28	3	8.82%
9/14	1	2.94%	9/29	1	2.94%
9/15	0		9/30	1	2.94%
Total				34	

Weekend dates are in bold

Archery Elk 1985-2010



BLACK HILLS FIREARM ELK

A total of 1,059 licenses were issued for the 2010 Black Hills Firearm Elk season. All license holders were sent a survey at the end of the season and 951 responded for a 90% response rate (5 surveys were undeliverable). Approximately 26% responded using the Internet response system.

Respondents reported hunting an average of 6.64 days which projects to a total of 7,032 days of recreation for the season. The projected harvest was 300 bulls and 260 cows for an overall success rate of 52.9%.

Hunter satisfaction was based on a numerical scale from 1 (very dissatisfied) to 7 (very satisfied) and averaged 4.47 for the season. Approximately 80% of responding hunters reported hunting on public land, 14% on private land they do not own, and 6% on private land they own.

Prior to 2002 it was assumed that any hunter that did not report harvesting an elk at the mandatory check in was unsuccessful, and success was measured by dividing the number of hunters that reported harvesting an elk by the total number of tags issued.

Summary comparison of the 2001-2010 Black Hills Firearm Elk seasons

Year	# Apps 1 st Choice	Licenses Sold	Harvest			Success Rate	Avg. Days Hunted	Average Satisfaction
			Bulls	Cows	Total			
2001	12,114	1,124	440	281	721	64%	6.67	NA
2002	11,998	1,229	400	486	886	72%	6.19	5.70
2003	11,852	1,579	403	653	1,056	67%	6.76	5.32
2004	13,538	1,798	379	722	1,101	61%	5.96	5.22
2005	14,687	2,670	511	884	1,395	52%	6.04	4.83
2006	13,392	2,470	525	833	1,358	55%	6.18	4.55
2007	13,916	2,075	559	505	1,064	51%	6.77	4.52
2008	13,083	1,675	473	390	863	52%	6.57	4.62
2009	12,915	1,366	404	379	783	57%	6.38	4.70
2010	12,197	1,059	300	260	560	53%	6.64	4.47

*Harvest and success estimates for 2002 include both the regular and extended seasons.

2010 Black Hills Firearm Elk Harvest Projections

Last Revised: 18 April 2011

Unit/Type	Resident Licenses					Harvest Projections					Avg Satisfctn Score	Avg Days Hunted	Land Hunted Most			
	Appl. 1st Choice *	Avail.	Sold	Resp.	Success	Bulls	Cows	Bull Calves	Cow Calves	Total Elk Harvested			Elk Shot Not Recovered	Public	Own	Other Private
H1A-21	1,455	100	100	94%	57%	45	11	1	0	57	1	4.67	9.4	94	5	1
H1C-23	53	120	120	90%	31%	0	34	1	2	37	3	5.00	6.3	111	0	2
H2A-21	8,210	200	200	92%	82%	151	8	3	1	163	14	5.83	6.6	188	9	0
H2C-23	209	150	149	82%	# 56%	0	79	1	4	84	10	5.06	5.7	138	1	2
H2E-23	112	60	59	90%	75%	0	38	1	6	45	2	6.11	4.1	52	0	0
H3A-21	1,586	125	124	94%	61%	65	10	1	0	75	1	4.41	7.7	67	24	28
H3C-23	17	30	30	97%	24%	0	7	0	0	7	1	3.68	6.2	23	0	4
H3E-23	53	120	119	91%	40%	1	43	0	3	47	3	4.68	5.8	79	0	30
H4A-21	113	40	39	90%	37%	12	2	0	0	14	0	4.21	6.7	4	17	16
H4C-23	10	80	79	85%	# 13%	0	9	0	1	11	1	4.50	4.4	12	1	47
H5A-21	65	10	10	100%	50%	5	0	0	0	5	0	4.23	15.2	6	3	0
H7A-21	273	10	10	80%	# 63%	5	0	0	1	6	0	3.29	12.6	9	1	0
H7C-23	7	5	5	100%	20%	0	1	0	0	1	0	3.48	9.0	4	0	0
H9A-21	33	10	10	90%	67%	6	0	1	0	7	0	3.42	6.0	3	1	6
H9C-23	1	5	5	100%	20%	0	1	0	0	1	0	4.08	9.6	4	0	1
TOTAL	12,197	1,065	1,059	90.2%	52.9%	290	242	10	18	560	37	4.47	6.64	794	65	136

The response rate for all units combined is: 90.2%

Satisfaction scale of 1=very dissatisfied to 7=very satisfied.

Harvest projections were developed for units where response rate was less than 85% and may not be within +/- 15% of the sample statistic.

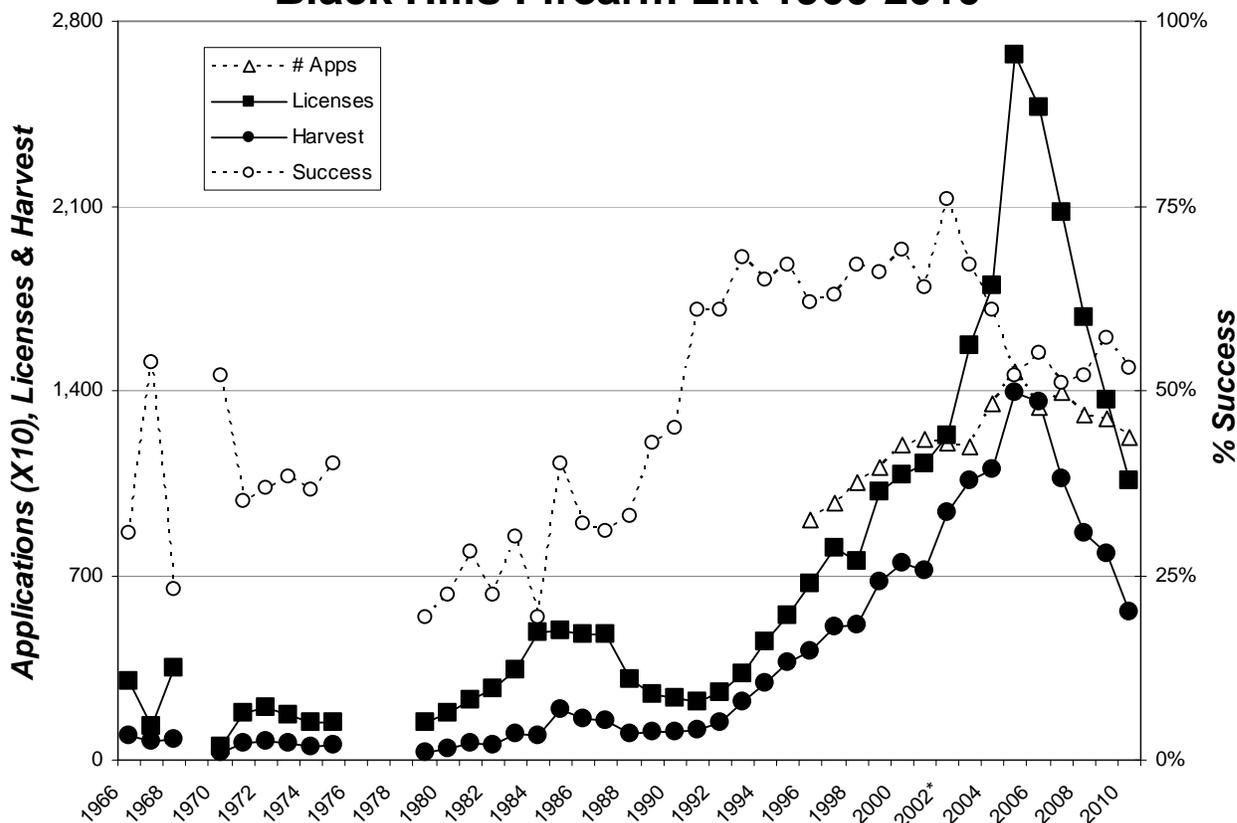
* Number of 1st drawing applicants with that unit as 1st choice.

2010 Black Hills Firearm Elk Harvest Date Distribution

Kill Date	Reported	Percent	Kill Date	Reported	Percent	Kill Date	Reported	Percent
10/1	55	12.06%	10/16	26	5.70%	12/1	3	0.66%
10/2	31	6.80%	10/17	13	2.85%	12/2	3	0.66%
10/3	29	6.36%	10/18	13	2.85%	12/3	7	1.54%
10/4	12	2.63%	10/19	5	1.10%	12/4	12	2.63%
10/5	6	1.32%	10/20	6	1.32%	12/5	7	1.54%
10/6	9	1.97%	10/21	11	2.41%	12/6	1	0.22%
10/7	8	1.75%	10/22	11	2.41%	12/7	5	1.10%
10/8	1	0.22%	10/23	16	3.51%	12/8	2	0.44%
10/9	11	2.41%	10/24	10	2.19%	12/9	0	0.00%
10/10	5	1.10%	10/25	5	1.10%	12/10	9	1.97%
10/11	4	0.88%	10/26	7	1.54%	12/11	8	1.75%
10/12	5	1.10%	10/27	7	1.54%	12/12	8	1.75%
10/13	7	1.54%	10/28	12	2.63%	12/13	3	0.66%
10/14	3	0.66%	10/29	20	4.39%	12/14	3	0.66%
10/15	4	0.88%	10/30	13	2.85%	12/15	3	0.66%
			10/31	17	3.73%			
Total							456	
October							382	83.8%
December							74	16.2%

Weekend dates are in bold

Black Hills Firearm Elk 1966-2010



PRAIRIE FIREARM ELK

A total of 134 licenses were issued for the 2010 Prairie Firearm Elk season. Unit 09A was established as a new addition to the Prairie Elk season in 2009. All license holders were sent a survey at the end of the season and 112 responded for an 84.8% response rate. Approximately 26% responded using the Internet.

Respondents reported hunting an average of 3.92 days for a total of 526 days of recreation. The projected harvest was 24 bulls and 27 cows for an overall success rate of 38%.

Hunter satisfaction was based on a numerical scale from 1 (very dissatisfied) to 7 (very satisfied) and averaged 4.00 for the season.

Approximately 79% of responding hunters reported hunting mostly on private land they do not own, 9% on public land and 12% on private land they own.

Prior to 2002 it was assumed that any hunter that did not report harvesting an elk at the mandatory check in was unsuccessful, and success was measured by dividing the number of hunters that reported harvesting an elk by the total number of tags issued.

Summary comparison for 2001-2010 Prairie Firearm Elk seasons

YEAR	Licenses		Harvest			Success	Avg. Days Hunted	Average Satisfaction
	Sold		Bulls	Cows	Total			
2001	42		11	5	16	38%	5.29	NA
2002	46		19	10	29	63%	6.27	4.39
2003	82		25	18	43	52%	6.38	4.31
2004	90		15	16	31	34%	6.40	4.07
2005	89		20	22	42	47%	6.20	4.92
2006	76		20	21	41	54%	5.62	4.30
2007	76		19	16	35	46%	5.87	4.58
2008	76		18	17	35	46%	7.46	4.29
2009	133		29	22	51	38%	5.31	4.17
2010	134		24	27	51	38%	3.92	4.00

NOTE: Prior to 2001, the prairie units were reported within the regular Black Hills Firearm season. The prairie units were separated into a distinct season in 2001. Unit 15A was switched from the Black Hills season to the Prairie season in 2004.

2010 Prairie Firearm Elk Harvest Projections

Last Revised: 18 April 2011

Resident Licenses				Harvest Projections							Avg Satisfctn Score	Avg Days Hunted	Land Hunted Most			
Unit/Type	Appl. 1st Choice *	Avail.	Sold	Resp.	Success	Bulls	Cows	Bull Calves	Cow Calves	Total Elk Harvested			Elk Shot Not Recovered	Public	Own	Other Private
09A-21	489	20	20	85%	41%	8	0	0	0	8	0	2.9	7.7	0	5	13
09A-23	19	20	20	95%	26%	0	5	0	0	5	1	3.8	4.8	0	0	15
11A-23	21	20	19	74%	# 36%	0	7	0	0	7	1	4.3	3.3	1	0	12
11B-21	323	10	10	70%	# 57%	4	1	0	0	6	0	5.2	7.7	0	3	6
11B-23	14	10	10	90%	44%	0	4	0	0	4	2	4.7	4.3	1	0	7
11C-21	163	8	8	88%	57%	5	0	0	0	5	0	3.3	5.4	2	0	6
11C-23	9	8	8	88%	29%	0	2	0	0	2	0	3.8	4.1	1	0	5
15A-21	219	10	10	80%	# 63%	5	1	0	0	6	0	5.5	8.8	0	5	5
15A-23	12	20	19	94%	29%	0	6	0	0	6	1	4.5	6.2	0	1	18
30A-21	198	2	2	50%	# 100%	2	0	0	0	2	0	5.0	25.0	0	2	0
30A-23	10	8	8	86%	0%	0	0	0	0	0	0	2.0	5.3	1	0	5
TOTAL	1,477	136	134	84.8%	# 38.2%	24	27	0	0	51	6	4.00	3.92	7	10	62

The response rate for all units combined is: 84.8%

Satisfaction scale of 1=very dissatisfied to 7=very satisfied.

Harvest projections were developed for units where response rate was less than 85% and may not be within +/- 15% of the sample statistic.

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

Statewide Combined Deer Harvest

There were 76,752 resident deer licenses (plus unlimited licenses) available in 2010 and 119,201 were issued. Nonresidents had 3,081 licenses (plus unlimited licenses) available and 11,151 were issued. Statewide, there were a total of 130,352 licenses sold that represented a total of 203,375 tags, an increase in 1,563 licenses and 31 tags from 2009. This was the second year that triple-tag licenses were issued for both East and West River seasons.

Random samplings were taken for each unit within each season unless the numbers of hunters were low enough that all were sampled to satisfy the statistical analyses. In most cases, the response rates in the majority of units within seasons did not meet the 85% goals.

The projected statewide deer harvest was 94,726, an 8% increase from 2009. This projection included 36,377 whitetail bucks, 44,068 whitetail does, 6,993 mule bucks and 7,287 mule does. An increase in overall harvest of over 7,000 deer with a similar number of tags issued accounted for the 4% increase in harvest success from 2009.

Increases in harvest for East River Deer, Archery Deer, Muzzleloader Deer, and Youth Deer accounted for most of the increase, with an decrease in West River Deer and Black Hills Deer harvest offsetting the effect of those four. Both whitetail buck and doe harvest estimates increased from 2009 by 4,564 and 6,388 respectively. Mule buck and doe harvest decreased from 2009 by 1,526 and 2,050 respectively. Mule deer made up approximately 15% of the total harvest.

The 2010 overall statewide harvest success increased significantly to 47% from 43% in 2009. Harvest success ranged from 20% at Sand Lake Refuge to 75% for West River Special Buck.

Respondents reported hunting an average of 4.89 days per hunter, which projects to a statewide total of 637,862 recreation days in 2010. The average number of days hunted was slightly lower than 2009. That combined with the modest increase in license sales resulted in an increase of approximately 800 total days of recreation from 2009.

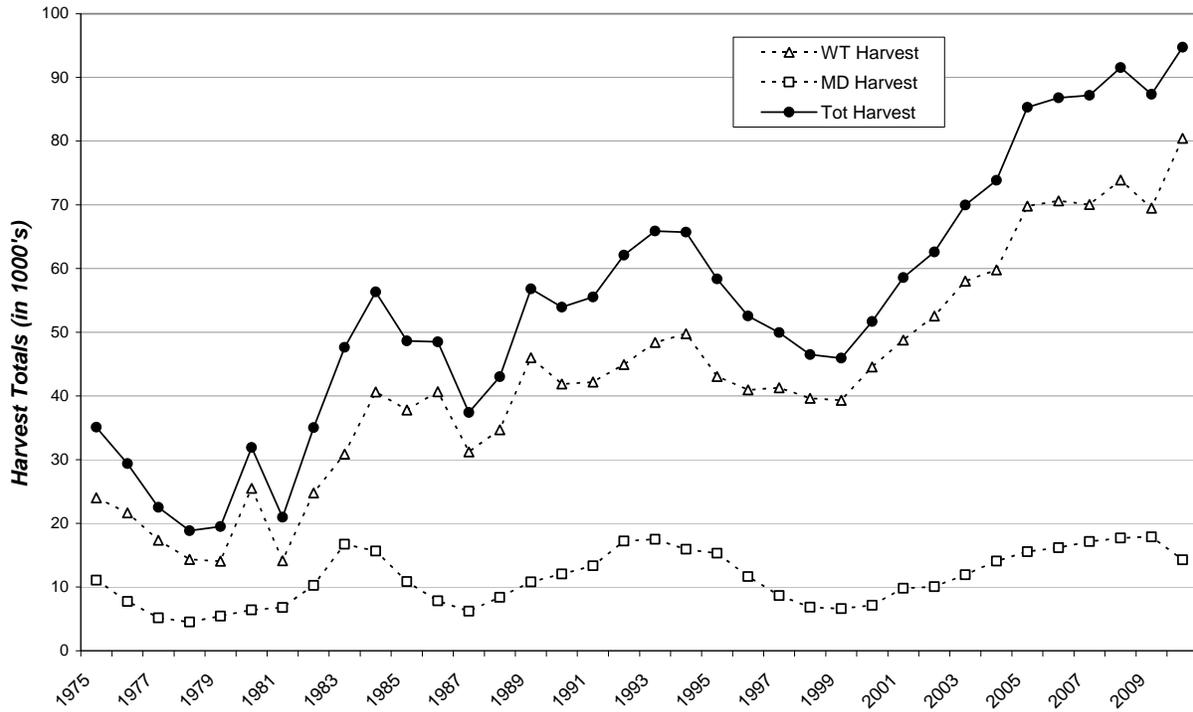
Average hunter satisfaction values (1=very dissatisfied to 7=very satisfied) varied between seasons and ranged from 3.86 for Sand Lake Refuge to 5.65 for West River Special Buck and 5.94 for Mentored Youth.

2010 Statewide Deer Harvest Projection Summary

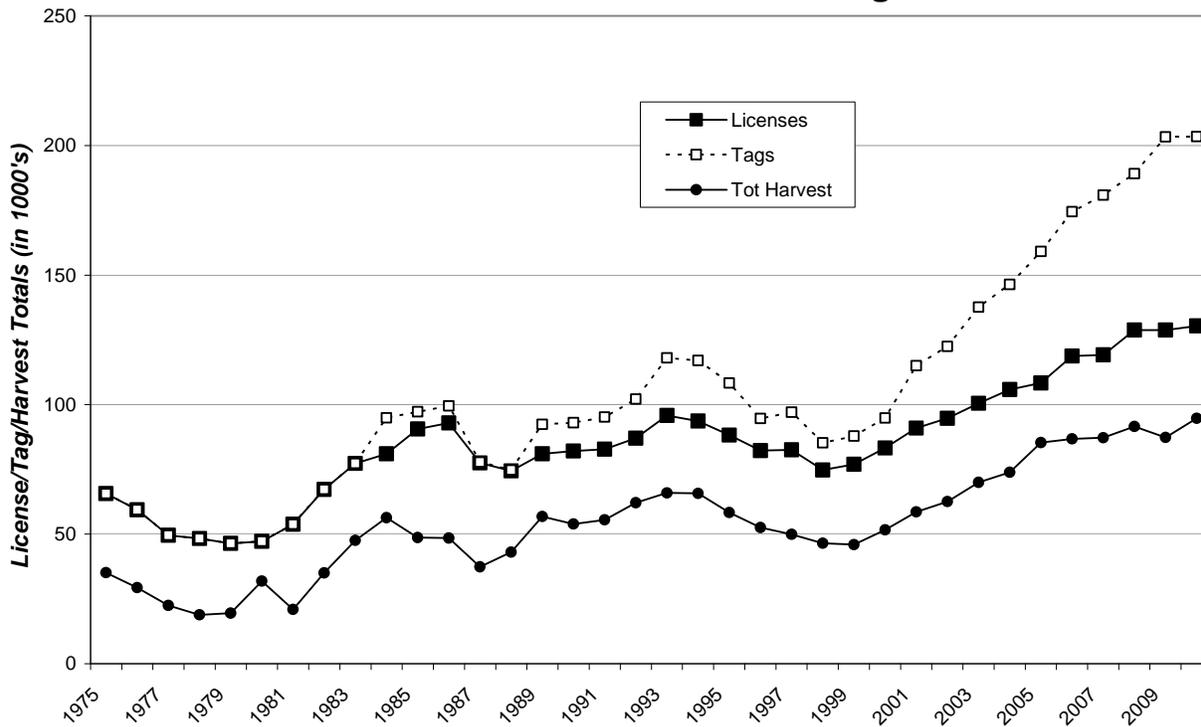
last revised: 3 May 2011

SOUTH DAKOTA Harvest Statistic	Season	Archery	Youth Antlerless	Mentored Youth	Muzzleloader	West River	West River Landowner Own Land	West River Special Buck Unit	East River	East River Landowner Own Land	East River Special Buck Unit	Refuges			Black Hills	Custer State Park	Grand Totals
												Sand Lake NWR	Lacreek NWR	Waubay NWR			
Licenses/Tags																	
Resident Licenses																	
Available		Unlimited	Unlimited	Unlimited	Unlimited	26,860	Unlimited	500	43,595	Unlimited	500	250	40	60	4,900	47	76,752
Sold		24,824	6,555	2,174	5,509	24,515	2,642	498	40,223	6,429	502	242	40	63	4,938	47	119,201
Resident Tags																	
Available		Unlimited	Unlimited	Unlimited	Unlimited	61,120	Unlimited	500	74,515	Unlimited	500	500	40	60	4,900	92	142,227
Sold		26,751	6,555	2,174	7,182	55,413	3,763	498	66,458	9,589	502	484	40	63	4,938	92	184,502
Nonresident Licenses																	
Available		Unlimited	Unlimited	N/A	Unlimited	2,152	N/A	500	Leftovers	N/A	N/A	25	6	6	392	N/A	3,081
Sold		3,492	706	N/A	374	3,760	N/A	499	1,892	N/A	N/A	30	6	3	389	N/A	11,151
Nonresident Tags																	
Available		Unlimited	Unlimited	N/A	Unlimited	4,895	N/A	500	Leftovers	N/A	N/A	50	6	6	392	N/A	5,849
Sold		3,750	706	N/A	568	8,647	N/A	499	4,245	N/A	N/A	60	6	3	389	N/A	18,873
Total Licenses																	
Available		Unlimited	Unlimited	Unlimited	Unlimited	29,012	Unlimited	1,000	43,595	Unlimited	500	275	46	66	5,292	47	79,833
Sold		28,316	7,261	2,174	5,883	28,275	2,642	997	42,115	6,429	502	272	46	66	5,327	47	130,352
Total Tags																	
Available		Unlimited	Unlimited	Unlimited	Unlimited	66,015	Unlimited	1,000	74,515	Unlimited	500	550	46	66	5,292	92	148,076
Sold		30,501	7,261	2,174	7,750	64,060	3,763	997	70,703	9,589	502	544	46	66	5,327	92	203,375
Recreation																	
Average Days Hunted		12.29	5.72	3.72	4.48	3.53	4.41	3.50	4.28	4.24	5.37	2.86	2.46	2.22	4.58	6.30	4.89
Total Days Hunted		232,834	28,600	8,088	23,610	93,451	11,648	3,485	180,435	27,286	2,694	777	113	147	24,398	296	637,862
Mean Satisfaction Score		5.27	5.38	5.94	4.98	5.21	5.24	5.65	4.95	5.06	5.34	3.86	5.02	4.49	5.07	N/A	
Harvest																	
White-tailed Deer																	
Bucks		4,582	414	128	546	10,035	682	292	14,621	2,407	272	56	16	17	2,301	8	36,377
Does		4,364	2,790	946	1,991	11,131	531	3	20,002	1,575	18	55	10	8	599	44	44,068
Total		8,946	3,204	1,075	2,537	21,166	1,213	295	34,623	3,982	290	111	26	25	2,900	52	80,445
Mule Deer																	
Bucks		474	46	17	102	4,883	427	448	359	106	28	0	0	0	101	2	6,993
Does		306	458	152	280	5,317	220	0	493	44	0	0	0	0	16	0	7,287
Total		781	504	169	382	10,200	647	448	852	151	28	0	0	0	117	2	14,281
Total Deer Harvest																	
Bucks		5,056	460	145	648	14,918	1,109	739	14,980	2,513	300	56	16	17	2,402	10	43,371
Does		4,671	3,247	1,098	2,271	16,448	751	3	20,495	1,620	18	55	10	8	615	44	51,355
Total		9,727	3,708	1,244	2,919	31,366	1,860	743	35,475	4,133	317	111	26	25	3,017	54	94,726
Success																	
		32%	51%	57%	38%	49%	49%	75%	50%	43%	63%	20%	57%	38%	57%	59%	47%

South Dakota's Combined Deer Harvest 1975-2010



South Dakota Combined Deer Licensing 1975-2010



ARCHERY DEER

There were 28,316 archery deer licenses issued in 2010 (24,824 resident, 3,492 nonresident). All were single any-deer tags, single antlerless-deer tags, or double-antlerless deer tags for the Statewide, LM1, East River or West River units.

A random sampling of 4,975 (26%) hunters was taken and 3,833 responded for a return rate of 77%. Approximately 58% of responding hunters used the Internet response system.

The 2010 Archery season ran from September 2, 2010 through January 31, 2011. Licensed "any deer" hunters who did not fill their license by December 31 were allowed to continue hunting through January for antlerless deer only. Respondents reported hunting 12.29 days per hunter, which projects to a total of 232,834 recreation days for the season.

The projected deer harvest for the archery season was 9,727 deer (4,582 whitetail bucks, 4,364 whitetail does, 475 mule deer bucks, and 307 mule deer does). The success rate for the season was 32%. The five counties with the highest reported harvest were Brown, Minnehaha, Pennington, Charles Mix, and Lawrence.

Hunters were also asked to identify if they harvested a deer in the Black Hills or on or between Farm and LaFramboise Islands in Hughes County. Estimates indicated 891 deer were harvested in the Black Hills and 72 on or between Farm and LaFramboise Islands.

Satisfaction was also measured (1=very dissatisfied to 7=very satisfied) and the average response for this season was 5.27.

Summary comparison of the 2000-2010 Archery Deer seasons

YEAR	Licenses Sold		Harvest				Total	Success	Avg Days Hunted	Average Satisfctn
			Bucks		Does					
	Res	Nonres	WT	Mule	WT	Mule				
2000	11,403	840	1,894	204	1,068	112	3,278	27%	11.29	5.33
2001	12,666	1,074	2,297	314	1,121	98	3,830	28%	12.49	5.17
2002	13,532	1,160	2,431	262	1,428	103	4,224	28%	12.43	5.30
2003	14,270	1,440	2,557	287	1,726	120	4,692	29%	11.85	5.43
2004	15,377	1,642	3,097	322	1,836	141	5,396	31%	12.84	5.25
2005	17,597	1,920	4,144	490	3,306	289	8,229	37%	13.21	5.35
2006	19,595	2,308	3,423	425	3,812	316	7,976	32%	13.35	4.28
2007	20,863	2,459	3,589	538	3,664	352	8,143	30%	12.47	5.11
2008	21,990	2,649	3,860	551	4,147	427	8,985	31%	12.36	5.10
2009	23,495	3,071	4,228	488	3,960	266	8,939	31%	12.34	5.12
2010	24,824	3,492	4,582	475	4,364	307	9,727	32%	12.29	5.27

2010 Archery Deer Harvest Projections

Unit	Hunters	Licenses Available	Licenses Sold		Tags Sold	Response Rate	Tag Success	Harvest Projections								Total Deer Harvest	Avg Days Hunted	Avg Satisfaction	
			Resident	Nonresident				Whitetail				Mule Deer							
								Bucks		Does		Bucks		Does					
			Adult	Fawn				Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn				
All units	18,945	Unlimited	24,824	3,492	30,501	77%	#	32%	4,221	361	3,924	440	450	25	287	20	9,727	12.29	5.27

Units with less than 85% response rate and may not be within accepted tolerance for data accuracy.

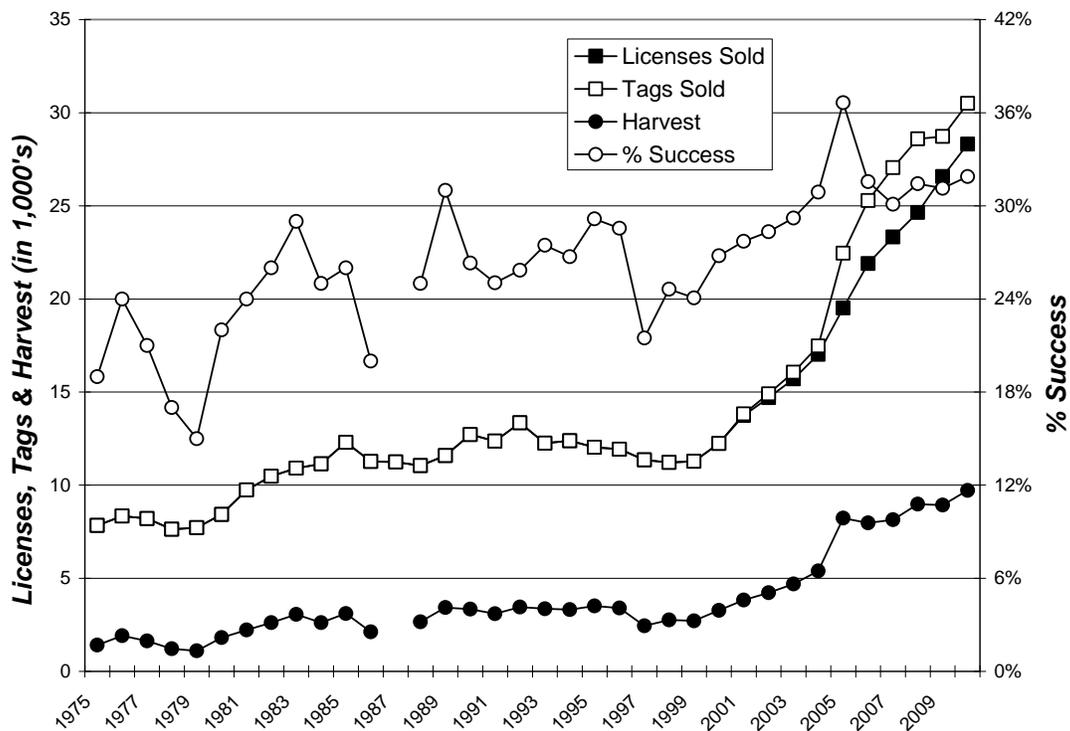
South Dakota Game Report No 2011-05 - 2010 Big Game Harvest Projections
 Corey Huxoll

2010 Archery Deer Harvest Distribution by County Hunted Most

County	Reported Harvest										Projected Harvest										
	Whitetail				Mule Deer				Total	Whitetail				Mule Deer				Black Hills Estimate	Farm/LeFram Estimate	Total Estimate	%
	Bucks		Does		Bucks		Does			Bucks		Does		Bucks		Does					
	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn			
Minnehaha	40	3	33	2	1	0	0	0	79	204	16	168	10	6	0	0	0	10	0	403	4.1%
Pennington	31	3	25	2	10	0	7	0	78	158	16	127	10	56	0	37	0	259	5	404	4.2%
Brown	47	6	74	12	0	0	0	0	139	240	32	376	60	0	0	0	0	0	0	708	7.3%
Beadle	18	2	9	1	0	0	0	0	30	92	11	46	5	0	0	0	0	0	0	153	1.6%
Codington	18	2	13	2	0	0	0	0	35	92	11	66	10	0	0	0	0	0	0	179	1.8%
Brookings	13	1	19	0	0	0	0	0	33	66	5	96	0	0	0	0	0	0	0	168	1.7%
Yankton	26	3	31	3	0	0	0	0	63	133	16	157	15	0	0	0	0	0	0	321	3.3%
Davison	10	1	11	3	0	0	0	0	25	51	5	56	15	0	0	0	0	0	0	127	1.3%
Lawrence	28	2	36	1	2	3	5	0	77	143	11	183	5	11	15	27	0	266	0	394	4.0%
Aurora	10	0	10	2	0	0	2	0	24	51	0	51	10	0	0	11	0	0	0	122	1.3%
Bennett	4	0	2	0	0	0	2	0	8	20	0	10	0	0	0	11	0	0	0	41	0.4%
Bon Homme	19	1	10	3	0	0	0	0	33	97	5	51	15	0	0	0	0	0	0	168	1.7%
Brule	17	0	11	0	0	0	1	0	29	87	0	56	0	0	0	5	0	0	0	148	1.5%
Buffalo	2	0	5	0	2	0	0	0	9	10	0	25	0	11	0	0	0	5	0	47	0.5%
Butte	12	3	14	2	1	0	3	0	35	61	16	71	10	6	0	16	0	15	0	180	1.8%
Campbell	5	0	2	0	1	0	1	0	9	26	0	10	0	6	0	5	0	0	0	47	0.5%
Charles Mix	32	2	23	1	5	1	2	0	66	164	11	117	5	28	5	11	0	0	0	339	3.5%
Clark	19	0	18	3	0	0	0	0	40	97	0	91	15	0	0	0	0	0	0	203	2.1%
Clay	10	0	5	1	0	0	0	0	16	51	0	25	5	0	0	0	0	0	0	81	0.8%
Corson	6	0	5	0	2	0	1	0	14	31	0	25	0	11	0	5	0	0	0	72	0.7%
Custer	14	0	22	1	3	0	4	0	44	72	0	112	5	17	0	21	0	154	0	226	2.3%
Day	14	4	17	4	0	0	1	0	40	72	21	86	20	0	0	5	0	0	0	204	2.1%
Deuel	7	1	8	0	0	0	0	0	16	36	5	41	0	0	0	0	0	0	0	82	0.8%
Dewey	0	0	1	0	1	0	0	0	2	0	0	5	0	6	0	0	0	0	0	11	0.1%
Douglas	2	0	7	2	0	0	0	0	11	10	0	36	10	0	0	0	0	5	0	56	0.6%
Edmunds	9	1	8	1	0	0	0	0	19	46	5	41	5	0	0	0	0	5	0	97	1.0%
Fall River	5	0	1	0	8	1	9	1	25	26	0	5	0	44	5	48	5	27	0	133	1.4%
Faulk	11	1	5	0	0	0	0	0	17	56	5	25	0	0	0	0	0	0	0	87	0.9%
Grant	23	7	10	5	1	0	0	0	46	118	37	51	25	6	0	0	0	0	0	236	2.4%
Gregory	13	2	20	2	1	0	2	0	40	66	11	102	10	6	0	11	0	0	0	205	2.1%
Haakon	4	0	3	0	2	0	3	0	12	20	0	15	0	11	0	16	0	0	0	63	0.6%
Hamlin	21	3	17	4	0	0	0	0	45	107	16	86	20	0	0	0	0	0	0	230	2.4%
Hand	16	0	14	1	1	0	0	0	32	82	0	71	5	6	0	0	0	0	0	163	1.7%
Hanson	13	0	7	0	1	0	0	0	21	66	0	36	0	6	0	0	0	0	0	108	1.1%
Harding	5	1	5	1	0	0	0	0	12	26	5	25	5	0	0	0	0	0	0	61	0.6%
Hughes	19	1	5	1	2	0	2	1	31	97	5	25	5	11	0	11	5	0	51	159	1.6%
Hutchinson	7	1	6	1	0	0	0	0	15	36	5	30	5	0	0	0	0	0	0	77	0.8%
Hyde	2	1	3	0	0	0	0	0	6	10	5	15	0	0	0	0	0	0	0	31	0.3%
Jackson	3	0	4	1	2	0	2	0	12	15	0	20	5	11	0	11	0	0	0	62	0.6%
Jerauld	8	0	4	0	0	0	0	0	12	41	0	20	0	0	0	0	0	0	0	61	0.6%
Jones	3	0	6	0	1	0	2	0	12	15	0	30	0	6	0	11	0	5	0	62	0.6%
Kingsbury	17	0	15	3	0	0	0	0	35	87	0	76	15	0	0	0	0	0	0	178	1.8%
Lake	19	3	14	2	0	0	0	0	38	97	16	71	10	0	0	0	0	0	0	194	2.0%
Lincoln	20	2	25	1	4	0	0	1	53	102	11	127	5	22	0	0	5	0	0	272	2.8%
Lyman	12	0	13	3	3	0	2	0	33	61	0	66	15	17	0	11	0	0	0	170	1.7%
McCook	6	0	10	0	1	0	0	0	17	31	0	51	0	6	0	0	0	0	0	87	0.9%
McPherson	1	0	5	0	1	0	0	0	7	5	0	25	0	6	0	0	0	0	0	36	0.4%
Marshall	9	0	11	1	2	0	0	0	23	46	0	56	5	11	0	0	0	0	0	118	1.2%
Meade	29	0	30	2	7	0	1	0	69	148	0	152	10	39	0	5	0	118	10	355	3.6%
Mellette	5	1	2	0	2	0	0	0	10	26	5	10	0	11	0	0	0	0	0	52	0.5%
Miner	13	0	8	0	0	0	0	0	21	66	0	41	0	0	0	0	0	10	0	107	1.1%
Moody	23	0	18	0	0	0	0	0	41	118	0	91	0	0	0	0	0	0	0	209	2.1%
Perkins	7	0	5	1	1	0	0	1	15	36	0	25	5	6	0	0	5	0	0	77	0.8%
Potter	7	2	8	1	2	0	1	0	21	36	11	41	5	11	0	5	0	5	0	108	1.1%
Roberts	12	1	9	1	0	0	0	0	23	61	5	46	5	0	0	0	0	0	0	117	1.2%
Sanborn	8	0	7	0	0	0	0	0	15	41	0	36	0	0	0	0	0	0	0	76	0.8%
Spink	19	1	16	4	0	0	0	0	40	97	5	81	20	0	0	0	0	0	0	204	2.1%
Stanley	7	0	2	0	1	0	0	0	10	36	0	10	0	6	0	0	0	0	5	51	0.5%
Sully	3	4	6	1	3	0	1	0	18	15	21	30	5	17	0	5	0	0	0	94	1.0%
Tripp	9	0	14	1	5	0	0	0	29	46	0	71	5	28	0	0	0	0	0	150	1.5%
Turner	8	0	5	1	0	0	0	0	14	41	0	25	5	0	0	0	0	5	0	71	0.7%
Union	19	1	14	3	0	0	0	0	37	97	5	71	15	0	0	0	0	0	0	188	1.9%
Walworth	6	1	6	1	1	0	0	0	15	31	5	30	5	6	0	0	0	0	0	77	0.8%
Ziebach	0	0	1	0	1	0	0	0	2	0	0	5	0	6	0	0	0	0	0	11	0.1%
Shannon	1	0	0	0	0	0	0	0	1	5	0	0	0	0	0	0	0	0	0	5	0.1%
Todd	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
Unknown	28	5	21	1	10	0	4	0	69												
TOTALS	854	73	794	89	91	5	58	4	1,968	4,221	361	3,924	440	450	25	287	20	891	72	9,727	

Any by county projected harvest values will differ from by unit projected harvest values due to incorrect sampling proportions within counties.
 Use these figures for approximations only!

Archery Deer 1975-2010



YOUTH DEER

There were 7,261 single-tag antlerless licenses issued for the 2010 Youth Deer hunting season (6,555 resident, 706 nonresident). Approximately 99% of hunters were sampled and 3,475 responses (70%) were received. Approximately 44% of responding hunters used the Internet response site.

The Youth season ran from September 11, 2010 through January 31, 2011, a total of 143 days. Respondents reported hunting an average of 5.72 days each, which projected to 28,600 recreation days for the season.

Projections for the season estimated that a total of 414 whitetail bucks, 2,790 whitetail does, 46 mule deer bucks, and 457 mule deer does were harvested. The total harvest for the Youth Deer season was 3,708, and the overall success rate was 51%. The five counties with the highest reported harvest were Pennington, Charles Mix, Lawrence, Custer, and Brown. Projected harvest for the Black Hills region was 565 deer.

The average satisfaction rating for those responding (1 being very dissatisfied and 7 very satisfied) was 5.38.

Comparison of the 1997 - 2010 Youth Deer hunting seasons

YEAR	Licenses Sold	Harvest						Success	Avg Days Hunted	Average Satisfctn
		Bucks		Does		Total				
		WT	Mule	WT	Mule					
1997	2,210	167	37	811	237	1,252	57%	NA	5.40	
1998	2,321	217	20	860	185	1,371	56%	4.13	5.16	
1999	2,490	224	26	862	227	1,339	54%	4.04	5.20	
2000	2,609	288	11	1,026	180	1,505	58%	3.42	5.36	
2001	2,662	251	25	974	211	1,461	55%	3.76	5.39	
2002	2,767	198	16	1,031	245	1,490	54%	3.96	5.48	
2003	3,256	264	30	1,234	243	1,771	54%	4.05	5.48	
2004	3,119	195	25	998	210	1,428	45%	4.13	5.36	
2005	3,525	363	36	1,330	246	1,975	56%	3.67	5.42	
2006	3,762	228	34	1,204	276	1,742	46%	4.72	5.01	
2007	4,670	296	42	1,612	389	2,339	50%	5.39	5.35	
2008	7,800	558	76	3,081	558	4,274	55%	6.36	5.45	
2009	6,847	387	66	2,391	491	3,336	49%	5.72	5.22	
2010	7,261	414	46	2,790	457	3,708	51%	5.72	5.38	

2010 Youth Deer Hunting Harvest Projections

Last Revised: 3-May-11

Unit/Type	Hunters	Licenses					Response Rate	Unit/Subunit Success	Harvest Projections						Total Deer Harvest	Average Satisfaction Score **	Avg Days Hunted
		Resident		Nonresident		Response Rate			Whitetail			Mule Deer					
		Available	Sold	Available	Sold				Bucks	Does	Doe Fawns	Bucks	Does	Doe Fawns			
ST1-03	5,000	Unlimited	6,555	unlimited	706	70%	#	51%	414	2,358	432	46	397	60	3,708	5.38	5.72

Harvest projections were developed for units where response rate was less than 85% and may not be within +/- 15% of the sample statistic.

** Refers to a satisfaction scale of 1=very dissatisfied to 7=very satisfied.

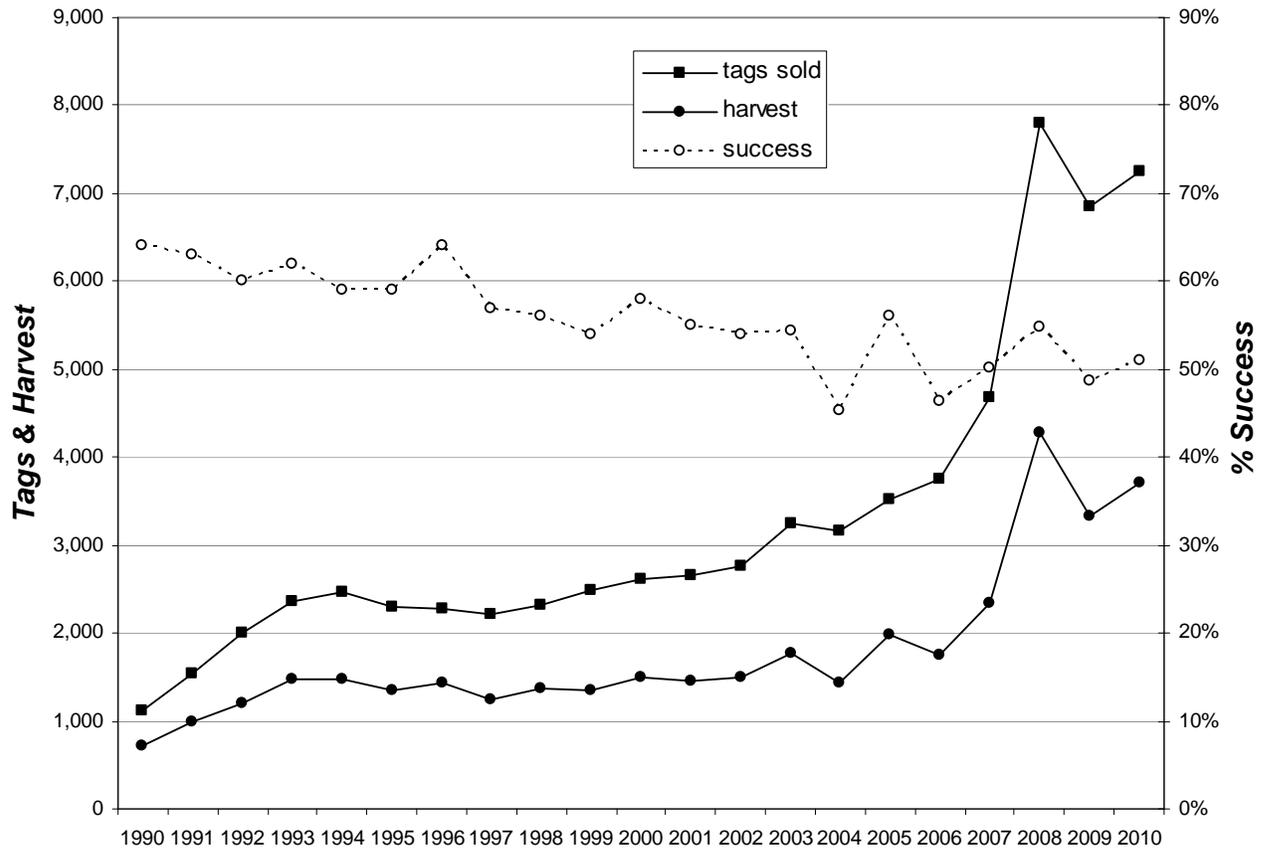
South Dakota Game Report No 2011-05 - 2010 Big Game Harvest Projections
 Corey Huxoll

2010 Youth Deer Harvest Distribution by County Hunted Most

County	Reported Harvest							Projected Harvest							Black Hills		Total	
	Whitetail			Mule Deer				Whitetail			Mule Deer							
	Bucks	Does	Fawn	Bucks	Does	Fawn	Total	Bucks	Does	Fawn	Bucks	Does	Fawn	Estimate	Estimate	%		
	Fawn	Adult	Fawn	Fawn	Adult	Fawn		Fawn	Adult	Fawn	Fawn	Adult	Fawn					
Minnehaha	7	53	11	1	0	0	72	11	78	16	1	0	0	4	107	2.9%		
Pennington	15	118	19	3	33	5	193	23	175	28	4	50	8	231	288	7.8%		
Brown	13	70	16	0	0	0	99	20	104	24	0	0	0	0	147	4.0%		
Beadle	5	34	6	0	0	0	45	8	50	9	0	0	0	0	67	1.8%		
Codington	6	28	7	0	0	0	41	9	41	10	0	0	0	0	61	1.6%		
Brookings	3	24	4	0	2	1	34	5	36	6	0	3	2	1	51	1.4%		
Yankton	9	57	9	0	0	0	75	14	84	13	0	0	0	0	111	3.0%		
Davison	6	19	5	0	0	0	30	9	28	7	0	0	0	1	45	1.2%		
Lawrence	3	79	3	0	7	1	93	5	117	4	0	11	2	111	138	3.7%		
Aurora	9	26	6	0	2	0	43	14	38	9	0	3	0	0	64	1.7%		
Bennett	1	5	0	0	4	0	10	2	7	0	0	6	0	0	15	0.4%		
Bon Homme	6	32	2	1	2	0	43	9	47	3	1	3	0	0	64	1.7%		
Brule	0	16	2	0	8	0	26	0	24	3	0	12	0	0	39	1.0%		
Buffalo	1	1	0	2	0	0	4	2	1	0	3	0	0	0	6	0.2%		
Butte	4	32	6	1	11	3	57	6	47	9	1	17	5	12	85	2.3%		
Campbell	0	2	0	0	0	0	2	0	3	0	0	0	0	0	3	0.1%		
Charles Mix	10	54	8	1	16	2	91	15	80	12	1	24	3	1	136	3.7%		
Clark	2	16	6	0	0	0	24	3	24	9	0	0	0	0	36	1.0%		
Clay	2	15	3	0	0	0	20	3	22	4	0	0	0	0	30	0.8%		
Corson	0	12	1	1	3	0	17	0	18	1	1	5	0	0	25	0.7%		
Custer	5	49	9	1	24	3	91	8	72	13	1	37	5	109	136	3.7%		
Day	9	55	5	0	1	0	70	14	81	7	0	2	0	0	104	2.8%		
Deuel	3	32	10	0	0	0	45	5	47	15	0	0	0	4	67	1.8%		
Dewey	0	8	0	0	0	0	8	0	12	0	0	0	0	0	12	0.3%		
Douglas	1	5	1	0	0	0	7	2	7	1	0	0	0	0	10	0.3%		
Edmunds	1	16	5	0	0	0	22	2	24	7	0	0	0	0	33	0.9%		
Fall River	2	20	1	3	19	0	45	3	30	1	4	29	0	19	67	1.8%		
Faulk	5	11	4	0	0	0	20	8	16	6	0	0	0	1	30	0.8%		
Grant	11	37	8	0	0	0	56	17	55	12	0	0	0	0	83	2.2%		
Gregory	12	38	4	0	7	0	61	18	56	6	0	11	0	3	91	2.5%		
Haakon	1	6	2	0	1	2	12	2	9	3	0	2	3	0	18	0.5%		
Hamlin	8	41	12	0	0	0	61	12	61	18	0	0	0	3	91	2.4%		
Hand	3	23	4	0	3	1	34	5	34	6	0	5	2	0	51	1.4%		
Hanson	0	24	6	0	1	0	31	0	36	9	0	2	0	0	46	1.2%		
Harding	1	1	3	1	5	0	11	2	1	4	1	8	0	0	17	0.4%		
Hughes	2	14	1	1	11	3	32	3	21	1	1	17	5	3	48	1.3%		
Hutchinson	8	32	2	0	0	0	42	12	47	3	0	0	0	1	62	1.7%		
Hyde	0	9	0	0	4	2	15	0	13	0	0	6	3	0	22	0.6%		
Jackson	0	3	0	2	10	1	16	0	4	0	3	15	2	0	24	0.7%		
Jerauld	1	12	0	0	2	0	15	2	18	0	0	3	0	3	22	0.6%		
Jones	0	4	0	1	3	2	10	0	6	0	1	5	3	0	15	0.4%		
Kingsbury	6	39	6	0	1	0	52	9	58	9	0	2	0	1	77	2.1%		
Lake	6	21	12	1	0	0	40	9	31	18	1	0	0	6	59	1.6%		
Lincoln	7	24	14	0	0	0	45	11	36	21	0	0	0	0	67	1.8%		
Lyman	3	24	2	2	12	0	43	5	36	3	3	18	0	0	64	1.7%		
McCook	6	37	4	0	3	0	50	9	55	6	0	5	0	1	74	2.0%		
McPherson	3	14	1	0	0	0	18	5	21	1	0	0	0	0	27	0.7%		
Marshall	4	13	13	0	0	0	30	6	19	19	0	0	0	0	45	1.2%		
Meade	8	40	5	1	6	1	61	12	59	7	1	9	2	40	91	2.5%		
Mellette	1	9	0	0	10	1	21	2	13	0	0	15	2	0	32	0.9%		
Miner	6	21	3	0	0	0	30	9	31	4	0	0	0	0	45	1.2%		
Moody	7	31	4	0	0	0	42	11	46	6	0	0	0	0	62	1.7%		
Perkins	3	10	0	4	14	1	32	5	15	0	6	21	2	0	48	1.3%		
Potter	2	13	1	0	2	0	18	3	19	1	0	3	0	0	27	0.7%		
Roberts	7	38	5	0	1	1	52	11	56	7	0	2	2	0	77	2.1%		
Sanborn	1	9	2	0	0	0	12	2	13	3	0	0	0	0	18	0.5%		
Spink	7	18	5	0	1	0	31	11	27	7	0	2	0	0	46	1.2%		
Stanley	3	9	0	1	7	2	22	5	13	0	1	11	3	2	33	0.9%		
Sully	4	18	7	0	6	0	35	6	27	10	0	9	0	0	52	1.4%		
Tripp	2	17	5	2	11	1	38	3	25	7	3	17	2	0	57	1.5%		
Turner	4	8	6	0	0	1	19	6	12	9	0	0	2	1	28	0.8%		
Union	1	28	4	0	0	0	33	2	41	6	0	0	0	0	49	1.3%		
Walworth	6	15	1	0	5	2	29	9	22	1	0	8	3	0	43	1.2%		
Ziebach	0	2	0	0	3	4	9	0	3	0	0	5	6	0	14	0.4%		
Shannon	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%		
Todd	1	3	0	1	0	0	5	2	4	0	1	0	0	1	7	0.2%		
Unknown	15	45	9	1	15	2	87											
TOTALS	288	1,639	300	32	276	42	2,577	414	2,358	432	46	397	60	565	3,708			

Any by county projected harvest values will differ from by unit projected harvest values due to incorrect sampling proportions within counties.
 Use these figures for approximations only!

Youth Deer 1990-2010



MENTORED YOUTH DEER

There were 2,174 resident single-tag antlerless licenses issued for the 2010 Mentored Youth Deer hunting season. All mentors/hunters were sampled and 1,659 responses (77%) were received. Approximately 59% of responding mentors/hunters used the Internet response site.

The Mentored Youth licenses were valid during the Youth Deer season which ran from September 11, 2010 through January 31, 2011, a total of 143 days. Respondents reported hunting an average of 3.72 days each, which projected to 8,088 recreation days for the season.

Projections for the season estimated that a total of 128 whitetail bucks, 947 whitetail does, 17 mule deer bucks, and 152 mule deer does were harvested. The total harvest for the Mentored Youth Deer season was 1,244, and the overall success rate was 57%. The six counties with the highest reported harvest were Pennington, Gregory, Meade, Minnehaha, Charles Mix and Lawrence.

The average satisfaction rating for those responding (1 being very dissatisfied and 7 very satisfied) was 5.94.

Summary for the 2008-2010 Mentored Youth Deer hunting seasons

YEAR	Licenses Sold	Harvest						Success	Avg Days Hunted	Average Satisfctn
		Bucks			Does					
		WT	Mule	WT	Mule	Total				
2008	1,110	79	13	489	106	687	62%	4.09	6.02	
2009	1,627	132	16	624	164	936	58%	4.02	5.78	
2010	2,174	128	17	947	152	1,244	57%	3.72	5.94	

2010 Mentored Youth Deer Harvest Projections

Last Revised: 3-May-11

Unit/Type	Licenses				Response Rate	Unit/Subunit Success	Harvest Projections						Total Deer Harvest	Average Satisfaction Score **	Avg Days Hunted
	Resident		Nonresident				Whitetail			Mule Deer					
	Available	Sold	Available	Sold			Bucks	Does	Doe Fawns	Bucks	Does	Doe Fawns			
ST1-03	Unlimited	2,174	0	0	77% #	57%	128	788	159	17	135	17	1,244	5.94	3.72

Harvest projections were developed for units where response rate was less than 85% and may not be within +/- 15% of the sample statistic.

** Refers to a satisfaction scale of 1=very dissatisfied to 7=very satisfied.

South Dakota Game Report No 2011-05 - 2010 Big Game Harvest Projections
 Corey Huxoll

2010 Mentored Youth Deer Distribution by County Hunted Most

County	Reported Harvest							Projected Harvest							Black Hills Estimate	Total		
	Whitetail			Mule Deer				Whitetail			Mule Deer					Estimate	Estimate	%
	Bucks	Does	Fawn	Bucks	Does	Fawn	Total	Bucks	Does	Fawn	Bucks	Does	Fawn					
	Fawn	Adult	Fawn	Fawn	Adult	Fawn		Fawn	Adult	Fawn	Fawn	Adult	Fawn					
Minnehaha	2	24	4	0	0	0	30	3	32	5	0	0	0	0	40	3.2%		
Pennington	9	29	11	0	11	0	60	12	38	15	0	15	0	53	80	6.4%		
Brown	4	11	1	0	0	1	17	5	15	1	0	0	1	0	23	1.8%		
Beadle	4	9	1	0	0	0	14	5	12	1	0	0	0	0	19	1.5%		
Codington	2	13	1	1	0	0	17	3	17	1	1	0	0	0	23	1.8%		
Brookings	3	12	3	0	0	0	18	4	16	4	0	0	0	0	24	1.9%		
Yankton	1	18	5	0	0	0	24	1	24	7	0	0	0	0	32	2.6%		
Davison	1	8	3	0	0	0	12	1	11	4	0	0	0	0	16	1.3%		
Lawrence	0	23	5	0	2	0	30	0	30	7	0	3	0	35	40	3.2%		
Aurora	2	9	1	0	0	0	12	3	12	1	0	0	0	0	16	1.3%		
Bennett	0	4	0	2	1	0	7	0	5	0	3	1	0	0	9	0.8%		
Bon Homme	2	22	1	0	1	0	26	3	29	1	0	1	0	0	34	2.8%		
Brule	2	10	4	0	1	0	17	3	13	5	0	1	0	0	23	1.8%		
Buffalo	1	1	0	0	0	0	2	1	1	0	0	0	0	0	3	0.2%		
Butte	2	10	1	1	5	2	21	3	13	1	1	7	3	0	28	2.2%		
Campbell	0	2	0	0	0	0	2	0	3	0	0	0	0	0	3	0.2%		
Charles Mix	2	18	4	0	5	1	30	3	24	5	0	7	1	0	40	3.2%		
Clark	1	6	3	0	0	0	10	1	8	4	0	0	0	0	13	1.1%		
Clay	0	11	2	0	0	0	13	0	15	3	0	0	0	0	17	1.4%		
Corson	0	4	0	0	0	0	4	0	5	0	0	0	0	0	5	0.4%		
Custer	1	14	3	0	9	1	28	1	18	4	0	12	1	29	37	3.0%		
Day	2	15	2	0	0	0	19	3	20	3	0	0	0	0	25	2.0%		
Deuel	2	13	0	0	0	0	15	3	17	0	0	0	0	0	20	1.6%		
Dewey	0	3	1	0	1	0	5	0	4	1	0	1	0	0	7	0.5%		
Douglas	1	5	0	0	0	0	6	1	7	0	0	0	0	0	8	0.6%		
Edmunds	0	9	1	0	0	0	10	0	12	1	0	0	0	0	13	1.1%		
Fall River	0	3	1	1	10	0	15	0	4	1	1	13	0	0	20	1.6%		
Faulk	1	4	0	0	0	0	5	1	5	0	0	0	0	0	7	0.5%		
Grant	6	7	7	0	0	0	20	8	9	9	0	0	0	0	27	2.1%		
Gregory	2	21	4	0	4	1	32	3	28	5	0	5	1	0	42	3.4%		
Haakon	1	7	0	1	7	0	16	1	9	0	1	9	0	0	21	1.7%		
Hamlin	4	8	2	0	0	0	14	5	11	3	0	0	0	0	19	1.5%		
Hand	2	8	0	0	0	0	10	3	11	0	0	0	0	0	13	1.1%		
Hanson	2	4	2	0	0	0	8	3	5	3	0	0	0	0	11	0.9%		
Harding	0	3	1	0	3	1	8	0	4	1	0	4	1	0	11	0.9%		
Hughes	1	4	2	1	3	0	11	1	5	3	1	4	0	0	15	1.2%		
Hutchinson	1	9	2	0	0	0	12	1	12	3	0	0	0	0	16	1.3%		
Hyde	0	2	2	0	1	0	5	0	3	3	0	1	0	0	7	0.5%		
Jackson	1	2	0	0	4	0	7	1	3	0	0	5	0	0	9	0.7%		
Jerauld	0	8	1	0	0	0	9	0	11	1	0	0	0	0	12	1.0%		
Jones	1	2	0	0	3	1	7	1	3	0	0	4	1	0	9	0.7%		
Kingsbury	0	6	2	0	0	0	8	0	8	3	0	0	0	0	11	0.9%		
Lake	0	9	4	0	0	0	13	0	12	5	0	0	0	0	17	1.4%		
Lincoln	0	15	2	0	0	0	17	0	20	3	0	0	0	0	23	1.8%		
Lyman	0	13	0	0	5	1	19	0	17	0	0	7	1	0	25	2.0%		
McCook	3	6	0	0	0	0	9	4	8	0	0	0	0	0	12	1.0%		
McPherson	1	5	1	0	0	0	7	1	7	1	0	0	0	0	9	0.7%		
Marshall	2	3	2	0	0	0	7	3	4	3	0	0	0	0	9	0.8%		
Meade	3	29	5	0	6	1	44	4	38	7	0	8	1	29	58	4.7%		
Mellette	0	1	3	0	3	1	8	0	1	4	0	4	1	0	11	0.9%		
Miner	5	14	2	0	0	0	21	7	18	3	0	0	0	0	28	2.2%		
Moody	1	12	0	0	0	0	13	1	16	0	0	0	0	0	17	1.4%		
Perkins	2	2	1	2	5	0	12	3	3	1	3	7	0	0	16	1.3%		
Potter	0	6	3	0	1	0	10	0	8	4	0	1	0	0	13	1.1%		
Roberts	2	11	2	0	0	0	15	3	15	3	0	0	0	0	20	1.6%		
Sanborn	1	7	1	0	0	0	9	1	9	1	0	0	0	0	12	1.0%		
Spink	2	15	2	0	0	0	19	3	20	3	0	0	0	0	25	2.0%		
Stanley	0	4	0	0	5	0	9	0	5	0	0	7	0	0	12	1.0%		
Sully	1	7	0	3	0	1	12	1	9	0	4	0	1	0	16	1.3%		
Tripp	0	10	1	0	5	1	17	0	13	1	0	7	1	0	22	1.8%		
Turner	0	5	2	0	0	0	7	0	7	3	0	0	0	0	9	0.7%		
Union	5	14	3	0	0	0	22	7	18	4	0	0	0	0	29	2.3%		
Walworth	1	5	1	0	0	0	7	1	7	1	0	0	0	0	9	0.7%		
Ziebach	1	0	0	0	0	0	1	1	0	0	0	0	0	0	1	0.1%		
Shannon	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%		
Todd	0	2	0	0	1	0	3	0	3	0	0	1	0	0	4	0.3%		
Unknown	2	5	3	1	1	0	12											
TOTALS	98	601	121	13	103	13	949	128	788	159	17	135	17	146	1,244			

Any by county projected harvest values will differ from by unit projected harvest values due to incorrect sampling proportions within counties.
 Use these figures for approximations only!

MUZZLELOADER DEER

There were 4,870 antlerless deer licenses (4,496 resident, 374 nonresident) and 1,013 “any deer” licenses issued for the 2010 Muzzleloader Deer season, which represented a total of 7,750 tags. A survey sample of 3,986 hunters (76%) was taken and 3,367 responded for a response rate of 84%. Approximately 58% of muzzleloader hunters used the Internet response system.

The 2010 Muzzleloader season was open 53 days from December 11, 2010 through January 31, 2011. From Jan. 1-31, all “any deer” tags converted to “antlerless deer” tags. This was the sixth year that “any deer” licenses were available for the muzzleloader season. The number of “any deer” licenses available was increased to 1,000 in 2008. A total of 5,516 applications were received for those licenses. Respondents averaged 4.48 days of hunting for a projected total of 23,610 recreation days for the season.

The estimated harvest for the Muzzleloader season was 2,919 deer (546 whitetail bucks, 1,991 whitetail does, 101 mule deer bucks, and 280 mule deer does). The overall success rate for the muzzleloader season was 38% and average satisfaction was 4.98 (1 = very dissatisfied, 7 = very satisfied).

The five counties with the highest reported harvest were Pennington, Custer, Brown, Brookings, and Charles Mix. These five counties accounted for approximately 26% of the total statewide harvest. Approximately 345 deer, just under 12% of the statewide harvest, were harvested within the Black Hills area.

Summary comparison of the 2000-2010 Muzzleloader Deer seasons

YEAR	Licenses Sold		Harvest					Total	Success	Avg Days Hunted	Average Satisfctn
			Bucks		Does						
	Res	Nonres	WT	Mule	WT	Mule					
2000	1,824	NA	150	13	467	99	729	40%	2.83	5.04	
2001	2,644	24	168	32	686	177	1,063	37%	4.98	5.29	
2002	3,118	31	194	13	828	209	1,244	35%	5.29	5.33	
2003	3,307	59	184	23	974	249	1,430	36%	5.18	5.25	
2004	3,142	80	141	21	901	181	1,244	33%	5.10	5.22	
2005	4,052	171	413	54	1,756	273	2,496	39%	5.51	5.53	
2006	4,687	248	346	57	1,605	385	2,393	32%	5.88	4.95	
2007	4,899	284	444	66	1,928	402	2,840	36%	5.38	4.91	
2008	5,520	336	600	156	2,436	502	3,693	43%	5.38	5.03	
2009	5,406	361	461	88	1,786	327	2,553	34%	4.49	4.87	
2010	5,509	374	546	101	1,991	280	2,919	38%	4.48	4.98	

2010 Muzzleloader Deer Harvest Projections

Last Revised:
2-May-11

Unit	Hunters	Licenses Available	Licenses Sold		Tags sold	Response Rate	Tag Success	Harvest Projections								Total Deer Harvest	Mean Satisfaction Score	Average Days Hunted
			Resident	Nonresident				Whitetail				Mule Deer						
								Bucks	Does	Bucks	Does	Bucks	Does	Bucks	Does			
Statewide	5,270	unlimtd	5,509	374	7,750	84%	38%	189	357	1,676	315	67	34	244	36	2,919	4.98	4.48

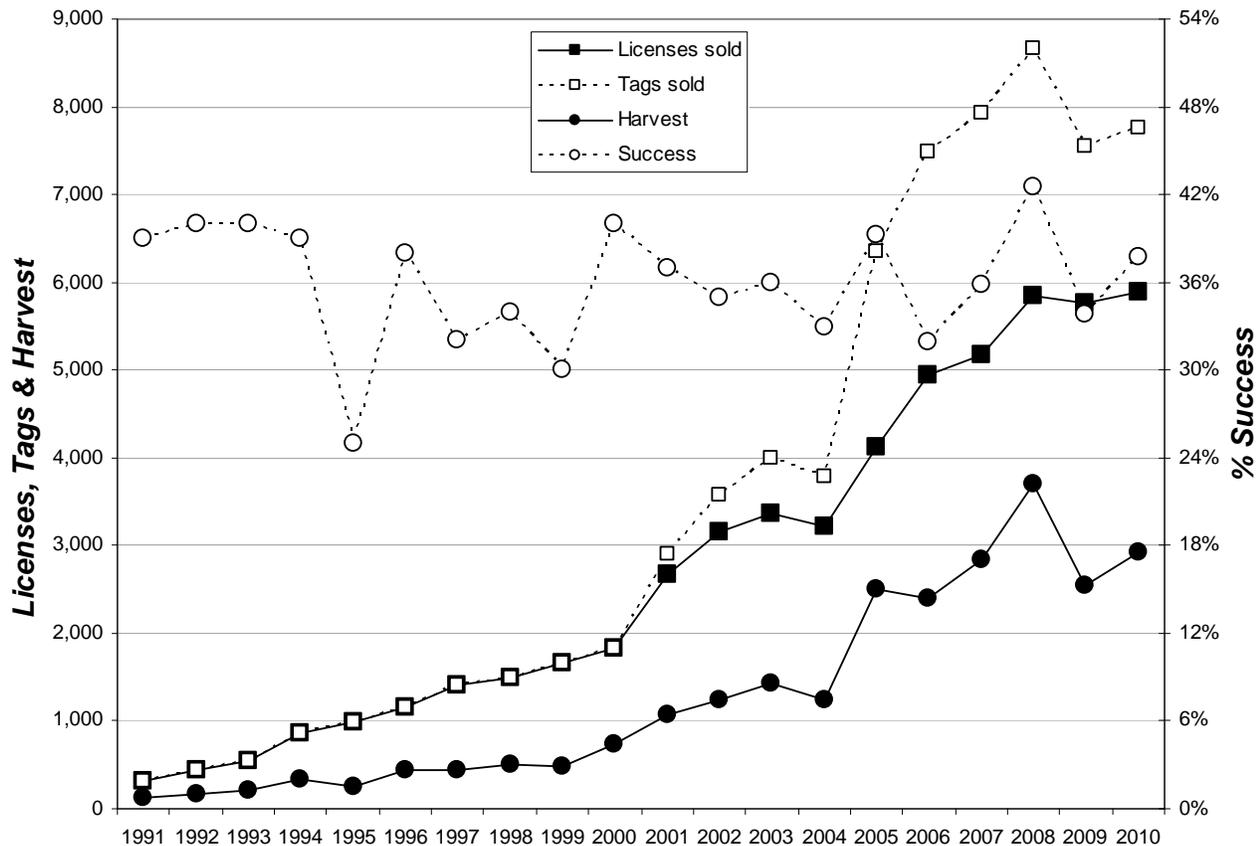
South Dakota Game Report No 2011-05 - 2010 Big Game Harvest Projections
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2010 Muzzleloader Deer Harvest Distribution by County Hunted Most

County	Reported Harvest									Projected Harvest									Total	Estimate	Estimate	%
	Whitetail				Mule Deer				Total	Whitetail				Mule Deer				Black Hills				
	Bucks		Does		Bucks		Does			Bucks		Does		Bucks		Does						
	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn		Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn					
Minnehaha	3	4	34	7	0	0	0	0	48	5	7	61	13	0	0	0	0	0	87	265	3.0%	
Pennington	4	15	96	9	5	2	15	1	147	7	27	173	17	9	4	27	2	197	121	265	9.1%	
Brown	3	10	45	9	0	0	0	0	67	5	18	81	17	0	0	0	0	0	74	121	4.1%	
Beadle	1	10	24	6	0	0	0	0	41	2	18	43	11	0	0	0	0	0	74	74	2.5%	
Codington	1	2	7	1	0	0	0	0	11	2	4	13	2	0	0	0	0	2	20	20	0.7%	
Brookings	2	10	43	13	1	0	1	0	70	4	18	77	24	2	0	2	0	0	126	126	4.3%	
Yankton	3	4	38	4	0	0	2	0	51	5	7	68	7	0	0	4	0	0	92	92	3.1%	
Davison	1	6	18	5	0	0	0	0	30	2	11	32	9	0	0	0	0	2	54	54	1.9%	
Lawrence	3	3	5	3	0	0	1	1	16	5	5	9	6	0	0	2	2	18	29	29	1.0%	
Aurora	6	2	14	3	0	0	0	0	25	11	4	25	6	0	0	0	0	0	45	45	1.5%	
Bennett	1	4	5	4	2	0	5	0	21	2	7	9	7	4	0	9	0	0	38	38	1.3%	
Bon Homme	4	10	20	2	0	1	2	0	39	7	18	36	4	0	2	4	0	0	70	70	2.4%	
Brule	1	3	9	1	2	0	2	0	18	2	5	16	2	4	0	4	0	0	32	32	1.1%	
Buffalo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
Butte	3	3	10	5	0	2	2	1	26	5	5	18	9	0	4	4	2	2	48	48	1.6%	
Campbell	1	1	1	0	0	0	1	0	4	2	2	2	0	0	0	2	0	0	7	7	0.2%	
Charles Mix	4	2	32	4	3	0	3	5	53	7	4	58	7	5	0	5	9	0	96	96	3.3%	
Clark	1	1	7	0	1	0	0	0	10	2	2	13	0	2	0	0	0	0	18	18	0.6%	
Clay	0	4	19	2	0	1	0	0	26	0	7	34	4	0	2	0	0	0	47	47	1.6%	
Corson	1	0	3	0	1	0	3	1	9	2	0	5	0	2	0	5	2	0	16	16	0.6%	
Custer	3	8	34	2	2	1	11	0	61	5	14	61	4	4	2	20	0	81	110	3.8%		
Day	0	6	21	13	0	0	0	0	40	0	11	38	24	0	0	0	0	0	73	73	2.5%	
Deuel	1	2	17	2	0	0	0	0	22	2	4	31	4	0	0	0	0	0	40	40	1.4%	
Dewey	1	1	0	0	0	0	0	0	2	2	2	0	0	0	0	0	0	0	4	4	0.1%	
Douglas	0	0	8	2	0	0	1	0	11	0	0	14	4	0	0	2	0	0	20	20	0.7%	
Edmunds	1	3	17	2	0	0	0	0	23	2	5	31	4	0	0	0	0	0	41	41	1.4%	
Fall River	1	2	11	2	0	0	8	1	25	2	4	20	4	0	0	14	2	4	45	45	1.5%	
Faulk	1	1	0	1	0	0	0	0	3	2	2	0	2	0	0	0	0	0	5	5	0.2%	
Grant	2	7	16	6	0	0	0	0	31	4	12	29	11	0	0	0	0	2	56	56	1.9%	
Gregory	4	6	22	5	2	0	6	2	47	7	11	40	9	4	0	11	4	0	85	85	2.9%	
Haakon	1	1	4	0	1	1	4	0	12	2	2	7	0	2	2	7	0	0	22	22	0.7%	
Hamlin	4	8	20	7	0	0	0	0	39	7	14	36	13	0	0	0	0	0	70	70	2.4%	
Hand	4	2	13	2	0	0	1	0	22	7	4	23	4	0	0	2	0	0	40	40	1.4%	
Hanson	0	1	9	0	0	0	0	0	10	0	2	16	0	0	0	0	0	0	18	18	0.6%	
Harding	0	0	1	1	2	0	1	1	6	0	0	2	2	4	0	2	2	0	11	11	0.4%	
Hughes	1	1	4	0	1	0	1	0	8	2	2	7	0	2	0	2	0	0	14	14	0.5%	
Hutchinson	2	2	14	2	0	0	0	0	20	4	4	25	4	0	0	0	0	0	36	36	1.2%	
Hyde	1	0	4	0	0	0	1	0	6	2	0	7	0	0	0	2	0	0	11	11	0.4%	
Jackson	1	1	4	1	2	0	4	1	14	2	2	7	2	4	0	7	2	4	25	25	0.9%	
Jerauld	3	0	6	0	1	0	2	0	12	5	0	11	0	2	0	4	0	0	22	22	0.7%	
Jones	0	0	0	2	0	0	5	0	7	0	0	0	4	0	0	9	0	2	13	13	0.4%	
Kingsbury	2	9	23	4	0	0	0	0	38	4	16	41	7	0	0	0	0	2	68	68	2.3%	
Lake	4	0	6	1	0	0	0	0	11	7	0	11	2	0	0	0	0	0	20	20	0.7%	
Lincoln	3	4	6	2	0	0	0	0	15	5	7	11	4	0	0	0	0	0	27	27	0.9%	
Lyman	2	5	18	2	3	3	6	0	39	4	9	32	4	5	6	11	0	0	71	71	2.4%	
McCook	1	4	22	2	1	0	1	0	31	2	7	40	4	2	0	2	0	5	56	56	1.9%	
McPherson	0	2	3	2	0	0	0	0	7	0	4	5	4	0	0	0	0	0	13	13	0.4%	
Marshall	1	1	21	4	0	0	0	0	27	2	2	38	7	0	0	0	0	0	49	49	1.7%	
Meade	4	4	29	3	2	1	4	0	47	7	7	52	6	4	2	7	0	22	85	85	2.9%	
Mellette	0	1	27	1	0	0	18	2	49	0	2	49	2	0	0	33	4	0	89	89	3.0%	
Miner	2	2	6	1	0	0	0	0	11	4	4	11	2	0	0	0	0	0	20	20	0.7%	
Moody	1	0	9	2	0	2	1	0	15	2	0	16	4	0	4	2	0	0	28	28	0.9%	
Perkins	1	3	7	1	1	1	2	0	16	2	5	13	2	2	2	4	0	4	29	29	1.0%	
Potter	2	0	7	2	2	0	1	0	14	4	0	13	4	4	0	2	0	0	25	25	0.9%	
Roberts	0	8	20	2	0	0	0	0	30	0	14	36	4	0	0	0	0	0	54	54	1.8%	
Sanborn	2	1	5	6	0	0	0	0	14	4	2	9	11	0	0	0	0	0	26	26	0.9%	
Spink	1	2	10	0	0	0	0	0	13	2	4	18	0	0	0	0	0	0	23	23	0.8%	
Stanley	0	1	1	1	3	0	7	0	13	0	2	2	2	5	0	13	0	0	23	23	0.8%	
Sully	2	0	8	0	0	2	0	1	13	4	0	14	0	0	4	0	2	0	24	24	0.8%	
Tripp	1	2	8	2	0	0	12	2	27	2	4	14	4	0	0	22	4	0	49	49	1.7%	
Turner	2	2	10	0	0	0	0	0	14	4	4	18	0	0	0	0	0	0	25	25	0.9%	
Union	0	3	25	2	0	0	0	0	30	0	5	45	4	0	0	0	0	0	54	54	1.9%	
Walworth	1	1	2	1	0	0	0	0	5	2	2	4	2	0	0	0	0	0	9	9	0.3%	
Ziebach	0	0	3	0	0	0	0	0	3	0	0	5	0	0	0	0	0	0	5	5	0.2%	
Shannon	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	2	0	0	2	2	0.1%	
Todd	0	0	1	0	0	0	0	0	1	0	0	2	0	0	0	0	0	0	2	2	0.1%	
Unknown	15	27	139	32	5	5	21	4	248													
TOTALS	121	228	1,071	201	43	22	156	23	1,865	189	357	1,676	315	67	34	244	36	345	2,919			

Any by county projected harvest values will differ from by unit projected harvest values due to incorrect sampling proportions within counties.
 Use these figures for approximations only!

Muzzleloader Deer 1991-2010



WEST RIVER FIREARM DEER

There were 31,914 licenses issued for the 2010 West River Firearm Deer season (28,275 regular, 997 Special Buck and 2,642 Landowner Own Land Only) for a total of 68,820 tags.

The West River season was open 16 days from November 13-28 in most units and from November 6-28 in Corson, Dewey and Ziebach counties. Units 50A in Mellette County and 30A in Gregory County were open from Nov. 6-9 and 22-28, while units 50B and 30B were open from Nov. 13-28. The season was also open from January 1-9, 2011 for all unfilled and unsold antlerless deer tags. Beginning January 1, all unused and unsold tags for "any deer" and "any whitetail" converted to their respective antlerless tags. All antlerless tags were also valid during the Firearm Antelope season (October 2-17) in their respective units.

A random sample of 12,126 hunters was taken from the regular West River season, 2,053 from the Landowner Own Land Only licenses, and 996 from the Special Buck licenses. The overall response rates for the seasons were 80% for the regular West River Deer, 74% for landowner West River Deer and 86% for Special Buck. Of all responding hunters, 50% of regular West River, 31% of landowner on own land and 60% of Special Buck hunters responded over the Internet.

Respondents reported hunting an average of 3.53 days in the regular West River season, 4.41 days for landowner and 3.50 days in the Special Buck. These averages projected to a total of 106,095 recreation days for all West River deer seasons. Hunters reported harvesting approximately 4% of their deer during the Firearm Antelope season, 87% during the regular season, and 9% during January 1-9.

The West River projected deer harvest was 31,366 for the regular season, 1,860 for landowner on own land, and 743 for the Special Buck licenses. Success rates were 49% for the regular season, 49% for landowner and 75% for Special Buck.

Success for the regular West River season "any deer and any antlerless deer" and "any whitetail and antlerless whitetail" license 1st tags (any) was 61% and for 2nd (antlerless only) tags was 38%. Success for "any antlerless deer and any antlerless deer" and "antlerless whitetail and antlerless whitetail" license 1st tags was 61% and for 2nd tags was 37%. Success for the "any deer and any two antlerless deer" and "any whitetail and two antlerless whitetail" license 1st tags (any) was 64%, for 2nd (antlerless only) tags was 46%, and for 3rd (antlerless only) tags was 23%. Success for "three any antlerless deer" and "three antlerless whitetail" license 1st tags was 68%, for 2nd tags was 48%, and for 3rd tags was 27%.

The mean satisfaction score for those responding to the regular West River season was 5.21 (1 being very dissatisfied and 7 very satisfied).

Summary comparison of the 2000-2010 West River Deer seasons (including Special Buck and Landowner)

YEAR	Licenses Sold				Harvest				Total	Success	Avg Days	Avg Satis
	Resident		Nonres		Bucks		Does					
	Lics	Tags	Lics	Tags	WT	Mule	WT	Mule				
2000	17,826	23,441	1,891	2,451	6,567	4,178	3,450	1,078	15,273	59%	2.91	5.16
2001	20,133	29,525	2,264	3,248	6,588	4,962	3,586	2,145	17,281	53%	3.29	4.99
2002	20,844	32,278	2,463	3,658	6,686	5,109	3,893	2,455	18,143	50%	3.42	5.03
2003	21,601	35,570	2,705	4,367	5,599	5,326	5,188	3,438	19,551	49%	3.49	5.17
2004	22,608	37,845	2,913	4,795	6,266	6,186	5,395	5,134	22,981	52%	3.49	5.10
2005	23,626	39,413	3,126	4,981	6,866	6,640	5,860	5,716	25,082	56%	3.55	5.06
2006	24,872	44,720	3,617	6,273	7,732	7,213	6,563	5,616	27,124	53%	3.72	5.02
2007	26,271	46,805	3,413	6,370	8,138	7,721	7,009	6,232	29,100	55%	3.54	5.19
2008	26,533	48,770	4,064	7,256	8,621	7,560	8,081	6,256	30,518	54%	3.42	5.29
2009	26,999	61,947	4,391	9,798	10,319	7,224	10,036	7,281	34,862	49%	3.55	5.22
2010	27,655	59,674	4,259	9,146	11,009	5,759	11,665	5,537	33,970	49%	3.53	5.21

South Dakota Game Report No 2011-05 - 2010 Big Game Harvest Projections
 Corey Huxoll

2010 West River Deer Harvest Projections

Last Revised:
 26-Apr-11

Unit	Harvest Projections																Total Deer Harvested	Mean Satisfactn Rating	Average Days Hunted	
	Licenses				Tags sold	Response				Whitetail				Mule Deer						
	Resident		Nonresident			Hunters	Rate	#	Success	Bucks		Does		Bucks		Does				
	Avail.	Sold	Avail.	Sold						Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult				Fawn
Penn NE / Meade SE	1,000	913	80	139	2,104	951	78%	#	46%	239	17	208	20	322	14	151	6	977	5.46	3.66
Pennington SE	700	679	56	80	1,518	706	79%	#	39%	136	23	82	9	164	12	150	16	593	4.57	3.59
Bennett N	300	251	24	40	873	273	79%	#	52%	114	17	152	17	44	3	92	14	456	5.52	3.68
Bennett S	270	222	22	35	771	248	80%	#	58%	113	33	181	26	41	2	42	11	449	5.80	3.74
Butte	1,750	1,590	140	254	3,688	1,690	80%	#	56%	569	85	699	106	232	24	305	45	2,064	5.10	3.66
Butte SW/ Lawrence	1,000	961	80	109	2,140	1,019	76%	#	57%	403	58	561	92	64	6	34	9	1,226	5.11	4.08
Corson	750	705	60	102	1,938	778	84%	#	45%	265	37	360	53	44	9	100	9	878	5.09	4.18
Custer E / Penn S	700	698	56	60	1,516	746	80%	#	56%	249	22	210	24	139	10	179	19	851	5.00	4.16
Custer C / Penn C	350	348	28	30	756	363	81%	#	51%	124	12	139	7	50	2	49	2	383	5.11	4.62
Dewey	500	486	40	55	1,623	528	84%	#	52%	222	60	383	40	54	4	69	8	840	5.63	3.88
Little Moreau	20	20	2	2	44	22	77%	#	50%	9	0	9	4	0	0	0	0	22	5.80	3.76
FRiver NW/ Cust SW	400	401	32	31	647	432	81%	#	45%	57	2	18	5	147	7	56	2	294	4.55	4.39
Fall River	650	650	52	51	1,186	700	80%	#	59%	220	14	193	21	147	5	92	7	698	5.09	3.64
Gregory	2,300	2,128	184	298	4,852	2,227	80%	#	51%	821	136	1028	121	171	15	171	25	2,489	5.48	3.58
Haakon	950	879	76	146	2,914	973	84%	#	49%	272	40	349	35	325	27	365	11	1,424	5.61	3.46
Harding NW	700	610	56	98	1,416	677	77%	#	38%	134	21	106	12	109	21	118	21	543	4.38	3.14
Harding SW	350	328	28	53	762	364	80%	#	44%	87	3	82	5	61	3	82	12	335	4.76	3.32
Harding E	1,000	977	80	105	2,164	1,037	83%	#	32%	208	45	188	51	129	3	73	6	703	3.94	3.10
Jackson N	550	520	44	74	1,620	572	79%	#	43%	159	19	203	15	117	15	155	15	698	4.83	3.10
Jackson S	350	300	28	54	1,062	331	83%	#	50%	124	13	162	22	81	6	108	14	529	5.81	3.19
Jones	750	628	60	147	1,983	721	82%	#	49%	276	37	195	16	177	16	253	9	978	5.80	2.90
Lyman W	750	671	60	141	1,786	784	80%	#	57%	323	40	308	22	169	7	131	15	1,015	5.81	3.50
Lyman E	350	349	28	28	754	377	81%	#	59%	141	31	137	24	69	3	38	0	442	5.46	3.46
Lyman NE / Stanley SE	50	49	5	5	108	48	71%	#	56%	24	0	23	0	8	0	6	0	61	5.85	3.74
Rt Pr Nat Grslnd	100	101	8	8	218	109	88%	#	56%	61	2	21	3	24	2	9	0	123	5.94	3.48
Meade W	1,150	1,119	92	125	3,732	1,183	74%	#	39%	433	65	576	72	123	31	133	20	1,452	5.00	4.03
Meade NE	1,400	1,096	112	241	4,011	1,243	77%	#	41%	385	61	579	92	245	7	245	14	1,628	5.21	3.43
Mellette	1,300	1,179	104	231	4,230	1,315	80%	#	49%	377	61	523	71	319	20	601	88	2,063	5.47	3.05
Perkins N	1,150	1,067	92	134	2,402	1,125	81%	#	49%	400	58	334	76	146	18	124	21	1,177	5.07	3.20
Perkins S	1,300	1,122	104	283	2,810	1,206	81%	#	55%	503	44	487	70	215	9	193	22	1,545	5.25	3.14
Stanley	950	922	76	105	1,730	919	82%	#	45%	205	8	127	8	223	21	167	11	770	5.09	3.09
Oahe Dwnstrm	10	10	2	2	12	10	90%	#	93%	3	0	7	0	1	0	0	0	11	6.63	1.67
Tripp	1,650	1,536	132	248	3,568	1,657	79%	#	64%	766	44	814	60	218	12	339	28	2,282	5.89	3.36
Ziebach	1,050	724	84	187	2,733	812	78%	#	40%	339	36	378	49	101	5	173	5	1,086	4.96	3.61
Shannon	60	60	5	5	65	65	71%	#	63%	18	0	4	0	17	0	1	0	41	5.29	3.13
Todd	250	216	20	54	324	242	90%	#	75%	107	5	53	3	43	4	28	0	243	5.40	3.28
Totals	26,860	24,515	2,152	3,760	64,060	26,453	80.1%	#	49%	8,885	1,150	9,881	1,250	4,539	345	4,832	485	31,366	5.21	3.53

The response rate for all units combined was: **80%**

Units less than 85% response rate & harvest projections may not be within +/- 15% of sample statistic.

2010 West River Deer harvest by date

	Total	Oct 2-17	Nov 6-28	Jan 1-9
Reports	10,671	464	9,297	910
Percent of total		4%	87%	9%
Projected	31,366	1,364	27,327	2,675

2010 West River Deer antlerless harvest by date

	Total	Oct 2-17	Nov 6-28	Jan 1-9
Reports	6,087	464	4,713	910
Percent of total		8%	77%	15%
Projected	17,942	1,364	13,903	2,675

2010 West River Deer Harvest Projections

Last Revised: 26 Apr 2011

Unit/Type	Licenses						Harvest Projections											Total Deer Harvest
	Resident			Nonresident			Whitetail				Mule Deer							
	Appl. 1st	Appl. 1st	Success	Appl. 1st	Appl. 1st	Success	Bucks		Does		Bucks		Does					
	Choice *	Avail.	Sold	Choice *	Avail.	Sold	1st tag	2nd tag	3rd tag	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	
02A-08	557	500	501	104	40	39	64%	29%		90	2	68	9	275	2	82	6	523
02A-09	11	200	161	4	16	28	59%	38%		0	6	60	6	0	12	66	0	164
02A-18	3	300	251	6	24	72	53%	35%		149	8	80	5	46	0	3	0	289
02C-08	498	450	453	75	36	36	50%	24%		85	5	17	6	156	4	98	10	380
02C-09	4	150	142	2	12	20	53%	31%		0	9	52	4	0	8	52	6	134
02C-18	2	100	84	2	8	24	43%	16%		51	10	13	0	8	0	0	0	80
11A-06	179	100	100	7	8	8	81%	62%	35%	47	2	50	5	42	0	52	0	200
11A-07	0	100	60	1	8	16	71%	44%	26%	4	5	38	8	2	3	38	14	111
11A-16	3	100	91	5	8	16	59%	41%	31%	64	11	64	4	0	0	2	0	144
11B-06	206	100	100	25	8	8	79%	59%	36%	47	6	42	7	41	2	39	11	189
11B-16	8	70	70	1	6	6	84%	55%	24%	66	3	48	4	0	0	3	0	123
11B-17	1	100	52	4	8	21	73%	67%	33%	0	24	91	15	0	0	0	0	137
15A-08	1,049	700	706	204	56	57	63%	44%		227	21	163	33	226	13	161	18	853
15A-09	25	250	224	10	20	47	60%	34%		0	4	89	19	0	11	114	27	249
15A-18	42	550	502	8	44	92	69%	40%		342	19	248	26	6	0	23	0	688
15A-19	3	250	158	1	20	58	62%	48%		0	42	199	28	0	0	6	0	274
15B-08	585	700	698	88	56	56	65%	45%		403	12	309	50	64	0	27	6	868
15B-09	23	300	263	9	24	53	63%	34%		0	46	253	41	0	6	7	3	358
20A-08	582	200	203	97	16	16	55%	42%		81	2	64	6	44	0	18	0	209
20A-09	10	250	202	8	20	62	60%	34%		0	5	143	24	0	9	82	9	280
20A-16	41	300	300	34	24	24	54%	42%	17%	184	29	153	23	0	0	0	0	388
21A-08	689	400	401	66	32	33	67%	44%		140	5	88	14	139	7	101	4	498
21A-09	31	150	147	7	12	15	59%	43%		0	6	58	8	0	3	73	15	167
21A-18	18	150	150	0	12	12	70%	43%		109	10	64	2	0	0	5	0	187
21B-08	235	250	250	27	20	20	62%	42%		124	3	95	5	50	0	32	2	308
21B-09	8	100	98	4	8	10	51%	26%		0	8	44	2	0	2	17	0	75
24A-06	448	200	200	53	16	16	67%	49%	23%	85	19	94	6	54	4	41	2	309
24A-07	5	100	86	3	8	23	65%	50%	24%	8	16	99	16	0	0	25	4	165
24A-16	19	200	200	16	16	16	65%	62%	35%	129	25	191	18	0	0	4	2	366
24B-18	54	10	10	4	1	1	70%	30%		9	0	3	0	0	0	0	0	11
24B-19	2	10	10	0	1	1	57%	43%		0	0	6	4	0	0	0	0	11
27A-01	187	200	201	39	16	16	52%			35	2	2	0	61	2	10	0	112
27A-08	278	200	200	37	16	15	53%	30%		23	0	16	5	86	5	46	2	182
27B-01	209	200	200	23	16	16	63%			48	0	10	2	55	0	20	0	137
27B-08	462	200	201	70	16	16	69%	52%		58	7	39	0	89	5	72	7	275
27B-18	13	200	199	7	16	16	60%	50%		114	5	107	12	2	0	0	0	241
27B-19	9	50	50	4	4	3	52%	26%		0	2	37	6	0	0	0	0	45
30A-08	825	600	601	122	48	48	62%	40%		263	46	207	31	90	0	35	0	666
30A-09	18	350	268	14	28	70	67%	38%		0	27	244	30	0	0	33	10	347
30A-18	20	200	198	17	16	16	70%	52%		148	0	110	0	0	0	0	0	259
30B-08	677	600	605	143	48	47	58%	44%		272	38	196	9	81	4	63	4	661
30B-09	20	350	263	7	28	91	69%	31%		0	19	213	41	0	11	40	6	336
30B-18	18	200	193	37	16	26	60%	31%		138	6	58	10	0	0	0	5	219
31A-06	684	600	601	139	48	48	74%	47%	21%	160	20	154	19	319	14	251	3	940
31A-07	9	200	154	5	16	61	74%	50%	16%	4	15	141	15	3	13	109	8	307
31A-18	3	150	124	6	12	37	72%	41%		109	5	54	0	3	0	6	0	177
35A-08	496	400	399	116	32	33	46%	28%		82	15	46	0	104	8	78	6	342
35A-09	5	200	121	15	16	47	40%	21%		0	7	31	9	2	14	40	16	117
35A-18	3	100	90	4	8	18	48%	25%		52	0	29	3	2	0	0	0	83
35B-08	307	200	202	71	16	16	48%	39%		32	3	35	0	61	2	57	7	196
35B-09	6	50	39	2	4	15	73%	40%		0	0	32	5	0	2	20	5	64
35B-18	2	100	87	4	8	22	55%	13%		55	0	15	0	0	0	4	0	76
35C-08	951	400	404	143	32	32	41%	22%		58	10	39	3	129	0	47	2	282
35C-09	22	200	178	23	16	37	50%	19%		0	7	76	21	0	3	26	3	142
35C-18	13	400	395	3	32	36	36%	28%		150	27	73	27	0	0	0	0	279
39A-06	509	300	300	73	24	24	58%	40%	21%	65	8	77	6	117	11	92	11	384
39A-07	9	100	84	9	8	24	66%	40%	26%	2	8	59	5	0	4	63	4	141
39A-18	0	150	136	0	12	26	71%	35%		92	2	67	3	0	0	0	0	173
39B-06	223	150	150	46	12	12	75%	44%	27%	47	2	45	4	81	2	52	12	243
39B-07	5	100	57	1	8	28	74%	60%	37%	4	6	69	11	0	5	55	2	153
39B-16	0	100	93	5	8	14	67%	38%	22%	72	5	47	7	0	0	0	0	133
41A-06	340	400	401	117	32	32	75%	40%	16%	163	22	88	3	174	7	133	7	598
41A-09	12	200	132	3	16	48	68%	47%		0	10	64	11	0	9	119	2	218
41A-18	0	150	95	6	12	67	79%	25%		112	5	43	3	2	0	0	0	163
45A-08	443	500	503	126	40	39	74%	45%		212	23	138	10	169	5	91	12	664
45A-09	13	100	66	8	8	42	65%	49%		0	14	68	9	0	2	38	2	132
45A-16	7	150	102	6	12	60	67%	49%	16%	111	3	102	4	0	0	3	0	219
45B-08	465	250	249	59	20	20	71%	53%		104	19	87	12	69	3	38	0	330
45B-18	63	50	50	3	4	4	61%	35%		37	1	7	9	0	0	0	0	53
45B-19	6	50	50	5	4	4	61%	48%		0	11	43	2	0	0	0	0	59

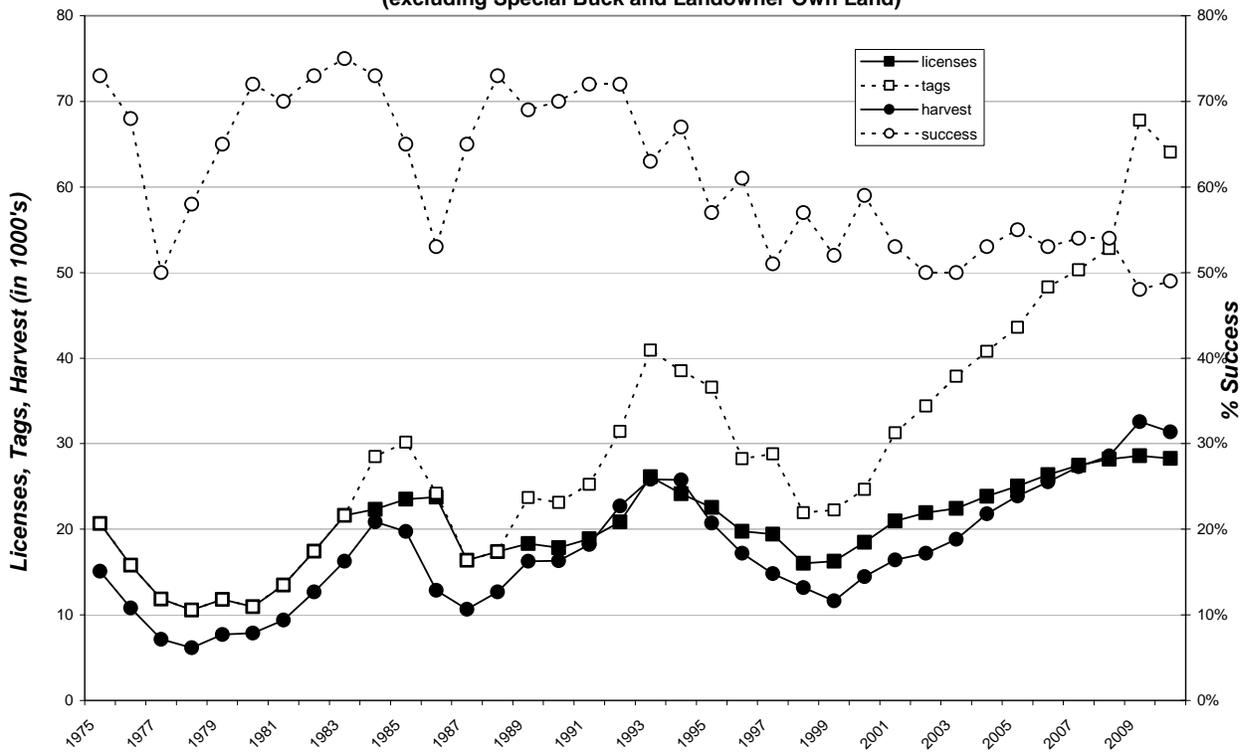
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South Dakota Game Report No 2011-05 - 2010 Big Game Harvest Projections
 Corey Huxoll

Unit/Type	Licenses						Harvest Projections													Total Deer Harvest
	Resident			Nonresident			Success			Whitetail				Mule Deer						
	Appl. 1st		Sold	Appl. 1st		Sold				Bucks		Does		Bucks		Does				
	Choice *	Avail.		Choice *	Avail.		1st tag	2nd tag	3rd tag	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn			
45C-08	49	30	30	4	3	3	76%	43%		24	0	13	0	8	0	6	0	52		
45C-19	1	20	19	0	2	2	50%	0%		0	0	9	0	0	0	0	0	9		
45D-08	247	50	51	28	4	4	87%	36%		22	2	7	0	24	2	9	0	68		
45D-18	46	50	50	4	4	4	72%	33%		38	0	14	3	0	0	0	0	55		
49A-06	588	800	794	72	64	72	50%	44%	20%	321	29	380	45	118	19	100	20	1030		
49A-07	18	200	184	11	16	32	57%	34%	21%	4	32	130	14	4	12	33	0	234		
49A-16	16	150	141	1	12	21	68%	30%	19%	108	4	67	13	0	0	0	0	188		
49B-06	743	600	602	156	48	49	59%	41%	17%	148	19	192	18	241	0	130	10	748		
49B-07	15	400	184	8	32	69	60%	37%	25%	9	29	124	25	4	4	108	4	314		
49B-16	12	400	310	14	32	123	51%	51%	26%	228	13	262	49	0	3	7	0	565		
50A-06	431	300	300	93	24	27	71%	43%	19%	84	19	57	10	138	0	109	10	423		
50A-07	6	100	81	6	8	26	67%	59%	37%	4	7	58	4	0	0	75	21	169		
50A-16	2	100	96	2	8	14	38%	50%	19%	42	7	41	11	0	0	8	0	111		
50B-06	462	500	502	154	40	40	66%	51%	27%	171	21	163	25	177	17	214	28	814		
50B-07	6	200	130	13	16	86	86%	63%	40%	4	4	153	8	4	4	195	30	403		
50B-16	0	100	70	6	8	38	70%	44%	26%	73	3	51	14	0	0	0	0	143		
53A-08	873	350	352	170	28	28	64%	36%		102	3	61	17	146	7	70	3	408		
53A-09	6	300	216	15	24	66	54%	28%		0	25	114	42	0	11	43	18	251		
53A-18	36	500	499	49	40	40	55%	36%		299	29	158	17	0	0	11	0	518		
53C-08	599	550	552	142	44	44	67%	46%		183	14	184	20	210	9	105	10	720		
53C-09	12	150	100	14	12	60	78%	59%		0	0	94	9	0	0	83	6	188		
53C-18	22	600	470	14	48	179	56%	41%		320	30	210	41	5	0	5	6	637		
58A-03	18	300	292	9	24	32	39%			0	0	17	0	4	11	87	6	125		
58A-08	715	400	401	125	32	32	66%	31%		81	8	45	8	216	10	72	2	434		
58A-18	4	250	229	12	20	41	50%	20%		124	0	65	0	3	0	9	3	211		
58D-01	6	5	5	1	1	1	100%			3	0	2	0	0	2	0	0	6		
58D-03	1	5	5	1	1	1	67%			0	0	4	0	0	0	0	0	4		
60A-08	1,012	900	900	159	72	75	74%	50%		489	12	334	9	218	8	170	8	1252		
60A-09	25	350	280	23	28	99	78%	53%		0	24	273	31	0	4	168	20	507		
60A-18	24	400	356	20	32	74	69%	51%		277	9	208	20	0	0	0	0	522		
64A-06	279	450	434	89	36	54	53%	44%	21%	154	11	170	22	98	5	102	0	559		
64A-07	10	300	78	5	24	23	69%	47%	22%	0	16	51	8	3	0	59	5	141		
64A-16	0	300	212	7	24	110	65%	43%	26%	185	9	157	19	0	0	12	0	386		
65A-01	60	60	60	13	5	5	63%			18	0	4	0	17	0	1	0	41		
67A-01	133	200	173	42	16	43	85%			107	4	10	3	43	4	5	0	183		
67A-09	4	50	43	6	4	11	64%	45%		0	2	44	0	0	0	23	0	61		
Totals	19,154	26,860	24,515	3,881	2,152	3,760	1st tag	2nd tag	3rd tag	8,885	1,150	9,881	1,250	0	4,539	345	4,832	485	31,366	
							Types 06/16=	64%	46%	23%										
							Types 07/17=	68%	48%	27%										
							Types 08/18=	61%	38%											
							Types 09/19=	61%	37%											

Units less than 85% response rate & harvest projections may not be within +/- 15% of sample statistic.
 * Number of 1st drawing applicants with that season as 1st choice.

West River Deer Regular Season 1975-2010 (excluding Special Buck and Landowner Own Land)



2010 West River LOL Harvest Projections

Last Revised: 26-Apr-11

Unit	Harvest Projections																Total Deer Harvest	Mean Satisfactn Rating	Average Days Hunted
	Licenses		Tags sold	Response Rate	Tag Success	Whitetail				Mule Deer									
	Avail.	Sold				Bucks	Does	Bucks	Does	Bucks	Does								
West River	Unltd	2,348	3,469	1,864	73%	48%	633	35	354	25	405	17	182	7	1,657	5.28	3.88		
Statewide	Unltd	294	0	294	228	80%	48%	0	14	137	16	0	5	28	4	203	4.98	2.89	
Totals		2,642	3,763	2,092	74.0%	49%	633	49	490	41	405	22	209	11	1,860	5.24	4.41		

Units less than 85% response rate & harvest projections may not be within +/- 15% of sample statistic.

2010 WR LOL Harvest Distribution

Last Revised:
26-Apr-11

County	Projected Harvest					
	Whitetail		Mule Deer		Total Projected	%
	Bucks	Does	Bucks	Does		
Pennington	23	11	22	11	66	3.6%
Lawrence	8	9	4	2	23	1.2%
Bennett	18	9	13	11	50	2.7%
Butte	58	59	14	3	134	7.2%
Corson	26	20	19	12	77	4.1%
Custer	2	3	9	3	17	0.9%
Dewey	9	7	9	3	29	1.6%
Fall River	10	25	14	12	62	3.3%
Gregory	139	135	13	12	301	16.1%
Haakon	26	11	49	27	112	6.0%
Harding	7	9	3	3	22	1.2%
Jackson	29	10	30	11	80	4.3%
Jones	18	2	16	9	44	2.4%
Lyman	64	48	49	12	173	9.3%
Meade	50	50	50	18	170	9.1%
Mellette	17	21	6	6	50	2.7%
Perkins	36	25	26	21	109	5.8%
Stanley	21	0	38	17	76	4.1%
Tripp	88	61	31	23	204	10.9%
Ziebach	9	5	5	0	19	1.0%
Shannon	2	2	2	0	5	0.2%
Todd	20	12	5	6	43	2.3%
TOTALS	682	532	427	220	1,866	

Any by county projected harvest values will differ from by unit projected harvest values due to incorrect sampling proportions within counties.

Use these figures for approximations only!

2010 West River Special Buck Harvest Projections

Unit/Type	Licenses				Tags sold	Response Rate	Tag Success	Harvest Projections				Total Deer Harvest	Mean Satisfactn Rating	Average Days Hunted
	Resident		Nonresident					Whitetail		Mule Deer				
	Avail.	Sold	Avail.	Sold				Bucks	Does	Bucks	Does			
WR-01	500	498	500	499	997	86%	75%	292	3	448	0	743	5.65	3.50

Units less than 85% response rate & harvest projections may not be within +/- 15% of sample statistic.

2010 West River Special Buck Harvest Distribution

County	Reported Harvest					Projected Harvest					Total Projected	%
	Whitetail		Mule Deer		Total	Whitetail		Mule Deer		Total		
	Bucks	Does	Bucks	Does		Bucks	Does	Bucks	Does			
Pennington	12	1	58	0	71	16	2	81	0	99	13.4%	
Lawrence	5	0	2	0	7	7	0	3	0	10	1.3%	
Bennett	7	0	5	0	12	9	0	7	0	16	2.2%	
Butte	6	0	20	0	26	8	0	28	0	36	4.9%	
Corson	3	0	6	0	9	4	0	8	0	12	1.7%	
Custer	4	0	4	0	8	5	0	6	0	11	1.5%	
Dewey	3	0	2	0	5	4	0	3	0	7	0.9%	
Fall River	6	0	12	0	18	8	0	17	0	25	3.4%	
Gregory	59	1	4	0	64	80	2	6	0	87	11.7%	
Haakon	7	0	42	0	49	9	0	59	0	68	9.2%	
Harding	4	0	37	0	41	5	0	52	0	57	7.7%	
Jackson	11	0	11	0	22	15	0	15	0	30	4.1%	
Jones	5	0	18	0	23	7	0	25	0	32	4.3%	
Lyman	14	0	11	0	25	19	0	15	0	34	4.6%	
Meade	31	0	25	0	56	42	0	35	0	77	10.4%	
Mellette	8	0	12	0	20	11	0	17	0	28	3.7%	
Perkins	13	0	16	0	29	18	0	22	0	40	5.4%	
Stanley	9	0	24	0	33	12	0	34	0	46	6.2%	
Tripp	7	0	6	0	13	9	0	8	0	18	2.4%	
Ziebach	2	0	3	0	5	3	0	4	0	7	0.9%	
Shannon	0	0	0	0	0	0	0	0	0	0	0.0%	
Todd	0	0	1	0	1	0	0	1	0	1	0.2%	
Unknown	34	1	65	0	100							
TOTALS	250	3	384	0	637	292	3	448	0	743		

Any by county projected harvest values will differ from by unit projected harvest values due to incorrect sampling proportions within counties.
Use these figures for approximations only!

EAST RIVER FIREARM DEER

There were 48,330 licenses issued for the 2010 East River Firearm Deer season (42,115 regular, 502 Special Buck and 6,249 Landowner Own Land Only) for a total of 80,794 tags.

The East River season was open 16 days from November 20 through December 5 in all units. The season was also open from January 1-9, 2011 for all unfilled and unsold antlerless deer tags. Beginning January 1, all unused and unsold tags for "any deer" and "any whitetail" converted to their respective antlerless tags.

A random sample of 18,279 hunters was taken from the regular East River season, 5,575 from the Landowner Own Land Only licenses, and all 502 Special Buck hunters. The response rates were 78% for the regular East River Deer, 73% for Landowner East River Deer and 91% for Special Buck. Of all responding hunters, 46% of regular East River, 31% of Landowner Own Land and 60% of Special Buck hunters responded over the Internet.

Respondents reported hunting an average of 4.28 days per hunter for the regular season, 4.24 days for Landowner Own Land and 5.37 days for Special Buck, resulting in a projected total of 200,510 recreation days for the entire East River season. Hunters reported harvesting approximately 89% of their deer during the regular season and 11% from January 1-9.

The East River projected deer harvest was 35,479 for the regular season, 4,133 for Landowner Own Land, and 317 for the Special Buck season. Success rates were 50% for the regular season, 43% for Landowner Own Land, and 63% for Special Buck. Success for the regular East River season "any deer and any antlerless deer" and "any whitetail and antlerless whitetail" license 1st tags (any) was 63% and success for 2nd (antlerless only) tags was 44%. Success for "any antlerless deer and any antlerless deer" and "antlerless whitetail and antlerless whitetail" license 1st tags was 59% and success for 2nd tags was 34%.

The mean satisfaction score for those responding to the regular East River survey was 4.95, for the Landowner Own Land survey was 5.06, and for the Special Buck survey was 5.34 (1 = "very dissatisfied" and 7 = "very satisfied").

Summary comparison of the 2000-2010 East River Deer seasons (including Special Buck and Landowner)

YEAR	Licenses Sold				Harvest				Total Harvest	Success	Avg Days	Avg Satis
	Resident		Nonres		Bucks		Does					
	Lics	Tags	Lics	Tags	WT	Mule	WT	Mule				
2000	38,129	43,744	238	383	14,641	505	12,170	231	27,547	62%	3.05	4.99
2001	41,550	54,651	452	819	14,835	465	15,276	439	31,015	56%	3.79	4.83
2002	42,714	56,826	503	889	15,365	543	17,489	441	33,838	59%	3.93	5.01
2003	45,846	65,567	837	1,581	15,251	488	21,911	476	38,126	57%	4.40	5.14
2004	47,942	71,443	1,134	2,157	13,953	519	22,991	498	37,961	52%	4.42	4.90
2005	47,649	71,362	1,316	2,462	17,337	559	24,636	535	43,067	58%	4.06	5.01
2006	48,608	74,462	1,506	2,804	17,444	544	23,503	421	41,912	54%	4.56	4.82
2007	48,708	74,502	1,760	3,340	17,609	593	20,311	562	39,075	50%	4.52	4.72
2008	47,308	73,592	1,672	3,191	16,951	646	20,239	642	38,478	50%	4.79	4.71
2009	46,533	74,613	1,797	3,663	13,733	511	17,741	735	32,717	42%	4.53	4.41
2010	47,154	76,549	1,892	4,245	17,300	496	21,595	539	39,929	49%	4.28	4.95

2010 East River Deer Harvest Projections

Last Revised:
 14-Apr-11

Unit	Licenses		Tags sold	Hunters	Response		Unit Success	Whitetail				Mule Deer				Total Deer Harvested	Mean Satisfactn Rating	Average Days Hunted		
	Resident				Nonresident			Rate	#	Bucks		Does		Bucks					Does	
	Avail.	Sold			Avail.	Sold				Adult	Fawn	Adult	Fawn	Adult	Fawn				Adult	Fawn
Aurora	775	746	leftovers 31	1,303	741	74%	#	63%	215	43	537	31	0	0	0	0	825	5.28	3.80	
Beadle	1,400	1,368	leftovers 34	2,002	1,350	79%	#	61%	572	81	501	67	4	4	0	4	1,231	5.23	4.42	
Bon Homme	750	750	leftovers 3	953	722	79%	#	51%	142	36	260	36	0	2	7	5	488	4.96	4.58	
Brookings	1,000	1,002	leftovers 0	1,002	1,002	80%	#	52%	241	28	221	23	0	3	0	0	517	4.65	4.48	
Brown	2,900	2,639	leftovers 183	5,344	2,678	73%	#	49%	785	184	1,431	222	0	0	6	0	2,627	4.79	4.72	
Brule	1,650	1,374	leftovers 90	3,839	1,409	73%	#	42%	518	51	788	99	83	4	59	16	1,619	5.04	4.04	
Buffalo	400	334	leftovers 65	798	366	78%	#	47%	187	19	127	16	11	4	11	2	377	5.23	3.52	
Campbell	820	594	leftovers 102	1,392	640	77%	#	60%	296	48	412	43	5	5	30	2	840	5.43	4.14	
Charles Mix	1,300	1,279	leftovers 23	1,652	1,233	78%	#	62%	357	43	493	53	23	3	43	0	1,016	5.34	4.20	
Clark	1,400	1,308	leftovers 93	2,502	1,372	76%	#	46%	416	74	581	81	0	4	4	0	1,159	5.02	4.03	
Clay	750	738	leftovers 13	951	678	77%	#	41%	146	21	203	17	0	0	0	0	387	4.72	5.05	
Codington	750	751	leftovers 0	751	751	79%	#	47%	174	17	141	15	0	0	7	0	354	4.60	4.36	
Davison	750	746	leftovers 5	751	662	72%	#	47%	162	22	155	15	0	0	0	0	355	4.76	4.10	
Day	1,300	1,277	leftovers 26	1,906	1,272	79%	#	49%	295	74	505	67	0	0	0	0	941	4.66	3.80	
Deuel	850	849	leftovers 3	1,103	846	81%	#	52%	242	58	235	35	0	0	0	0	571	4.77	4.74	
Douglas	600	483	leftovers 7	980	478	78%	#	50%	189	26	241	28	2	0	0	0	486	5.10	4.62	
E Sully	550	412	leftovers 27	878	417	76%	#	56%	240	21	198	30	2	0	2	0	493	5.62	3.69	
Edmunds	1,400	1,217	leftovers 182	4,197	1,347	75%	#	49%	523	134	1,158	215	4	0	7	4	2,045	5.24	4.17	
Faulk	1,300	1,024	leftovers 153	3,531	1,135	77%	#	48%	490	119	858	187	0	0	19	10	1,683	5.35	3.65	
Grant	900	902	leftovers 0	902	902	77%	#	54%	196	47	212	28	0	0	3	0	485	4.49	4.66	
Hamlin	900	867	leftovers 37	1,407	889	78%	#	45%	266	41	283	47	0	0	0	0	637	4.75	4.87	
Hand	1,050	992	leftovers 57	2,098	994	76%	#	56%	381	63	643	81	9	0	3	0	1,180	5.38	3.84	
Hanson	600	594	leftovers 7	601	533	80%	#	57%	144	26	158	16	0	0	0	0	343	4.95	4.01	
Hughes	475	472	leftovers 6	881	470	79%	#	51%	188	13	138	29	38	2	33	4	445	5.40	3.85	
Hutchinson	600	602	leftovers 0	802	602	80%	#	49%	156	28	184	26	0	0	0	0	393	4.59	4.06	
Hyde	1,050	592	leftovers 46	1,862	630	78%	#	46%	315	52	408	70	5	0	2	0	852	5.31	3.75	
Jerauld	675	638	leftovers 38	1,152	624	73%	#	58%	204	38	370	45	7	0	2	0	667	5.25	3.47	
Kingsbury	1,500	1,486	leftovers 28	1,816	1,462	79%	#	54%	356	63	508	52	0	0	4	0	983	4.83	4.46	
Lake	800	802	leftovers 0	1,203	802	78%	#	44%	183	36	285	28	0	0	0	0	532	4.66	5.09	
Lincoln	450	450	leftovers 0	550	450	84%	#	37%	79	14	104	4	0	0	0	0	201	4.52	4.86	
Marshall	1,200	1,085	leftovers 114	1,999	1,166	74%	#	45%	303	54	438	94	0	0	10	7	907	4.67	4.48	
McCook	750	751	leftovers 0	1,000	751	81%	#	49%	174	36	260	24	0	0	0	0	494	4.49	4.69	
McPherson	1,200	959	leftovers 155	2,739	1,071	76%	#	50%	342	85	769	154	6	0	3	3	1,363	5.25	3.45	
Miner	850	800	leftovers 47	1,294	813	79%	#	50%	230	48	322	35	3	0	3	0	641	4.80	3.83	
Minnehaha	1,300	1,297	leftovers 5	1,702	1,281	78%	#	38%	202	55	329	55	0	0	7	0	647	4.59	4.90	
Moody	700	700	leftovers 0	801	700	80%	#	41%	170	21	124	16	0	0	0	0	330	4.38	5.26	
Potter	1,050	818	leftovers 54	1,744	817	76%	#	65%	459	43	547	45	21	0	11	5	1,132	5.68	3.39	
Roberts	1,000	1,002	leftovers 0	1,002	1,001	81%	#	58%	202	56	292	36	0	0	0	0	586	4.51	4.76	
Sanborn	750	723	leftovers 27	1,100	678	74%	#	49%	192	34	273	34	2	2	2	0	540	5.04	4.21	
Spink	1,500	1,413	leftovers 87	2,700	1,462	80%	#	48%	556	85	578	70	0	4	4	4	1,300	5.01	4.26	
Turner	650	650	leftovers 0	850	644	78%	#	43%	112	36	198	16	0	0	0	0	362	4.49	4.69	
Union	800	791	leftovers 9	950	785	81%	#	53%	173	32	261	32	0	5	2	0	505	5.00	4.91	
W Sully	650	601	leftovers 44	1,290	614	80%	#	50%	203	11	218	28	61	19	99	11	651	5.35	3.26	
Walworth	850	648	leftovers 91	1,478	696	81%	#	58%	305	48	394	62	9	2	27	5	852	5.34	3.80	
Yankton	700	697	leftovers 0	945	697	81%	#	46%	138	36	222	34	2	0	2	0	434	4.72	5.07	
Totals	43,595	40,223	leftovers 1,892	70,703	40,633	77.7%	#	50%	12,421	2,200	17,563	2,439	296	62	414	80	35,475	4.95	4.28	

The response rate for all units combined was **78%**

Units less than 85% response rate & harvest projections may not be within +/- 15% of sample statistic.

2010 East River Deer harvest by date

	Total	Nov 20- Dec 5	Jan 1-9
Reports	12,133	10,822	1,311
Percent of total		89%	11%
Projected	35,479	31,645	3,834

2010 East River Deer antlerless harvest by date

	Total	Nov 20- Dec 5	Jan 1-9
Reports	7,719	6,408	1,311
Percent of total		83%	17%
Projected	22,758	18,924	3,834

2010 East River Deer Harvest Projections

Unit/Type	Licenses					Harvest Projections											Total Deer Harvest		
	Resident		Nonresident			Whitetail				Mule Deer									
	14-Apr-11	Appl. 1st	Avail.	Sold	leftovers	1st tag	2nd tag	3rd tag	Bucks	Does	Adult	Fawn	Adult	Fawn	Adult	Fawn		Adult	Fawn
01A-01	1,096	600	601	leftovers	0	49%			202	19	55	8	0	0	0	0	0	0	295
01A-03	39	300	301	leftovers	0	34%			0	14	85	4	0	0	4	0	0	0	103
01A-09	80	400	395	leftovers	5	41%	22%		0	22	189	43	0	0	3	0	0	0	249
03A-01	482	300	300	leftovers	0	53%			116	6	40	0	0	0	0	0	0	0	159
03A-08	1,742	1,400	1,403	leftovers	0	53%	49%		669	70	672	80	0	0	6	0	0	0	1,484
03A-09	51	1,200	936	leftovers	183	55%	28%		0	107	718	142	0	0	0	0	0	0	984
04A-01	766	700	702	leftovers	0	64%			379	7	60	0	4	0	0	0	4	4	447
04A-03	13	100	93	leftovers	7	51%			0	5	41	5	0	0	0	0	0	0	51
04A-08	415	300	300	leftovers	0	68%	48%		193	26	125	16	0	0	0	0	0	0	360
04A-09	20	300	273	leftovers	27	78%	49%		0	43	276	45	0	4	0	0	0	0	373
05A-01	872	400	401	leftovers	0	47%			174	5	12	0	0	0	0	0	0	0	187
05A-03	34	350	350	leftovers	0	48%			0	12	129	15	0	0	7	0	0	0	167
06A-01	1,151	600	602	leftovers	0	55%			241	6	70	6	0	0	0	0	0	0	330
06A-03	72	400	400	leftovers	0	47%			0	22	151	17	0	3	0	0	0	0	186
07A-01	827	300	299	leftovers	0	56%			138	4	31	2	2	0	0	0	0	0	166
07A-03	23	150	150	leftovers	0	45%			0	13	38	11	0	0	2	0	0	0	67
07A-09	77	250	248	leftovers	0	56%	26%		0	19	153	21	0	0	0	0	0	0	201
08A-11	519	350	351	leftovers	0	54%			162	2	29	3	0	0	0	0	0	0	190
08A-13	22	400	395	leftovers	5	41%			0	20	126	12	0	0	0	0	0	0	165
10A-01	123	50	51	leftovers	0	70%			27	2	4	2	0	0	0	0	0	0	36
10A-13	16	200	177	leftovers	23	53%			0	8	95	3	0	0	0	0	0	0	107
10A-18	579	275	276	leftovers	0	75%	55%		188	13	155	6	0	0	0	0	0	0	363
10A-19	22	250	242	leftovers	8	74%	51%		0	20	282	19	0	0	0	0	0	0	319
12A-01	686	300	303	leftovers	0	52%			142	0	21	0	0	0	0	0	0	0	158
12A-03	20	250	247	leftovers	3	45%			0	15	86	10	0	0	0	0	0	0	113
12A-09	52	200	200	leftovers	0	68%	41%		0	21	153	26	0	2	7	5	5	5	217
13A-08	732	550	553	leftovers	0	65%	43%		248	16	182	8	83	4	59	16	16	601	
13A-16	183	600	592	leftovers	8	45%	49%	20%	270	20	342	63	0	0	0	0	0	0	698
13A-17	17	500	229	leftovers	82	53%	31%	15%	0	16	263	28	0	0	0	0	0	0	320
14A-08	143	150	150	leftovers	0	61%	52%		71	16	53	5	11	4	11	2	2	2	171
14A-18	8	250	184	leftovers	65	50%	33%		116	4	74	11	0	0	0	0	0	0	205
16A-08	136	20	20	leftovers	0	57%	43%		6	0	3	3	5	0	3	0	0	0	20
16A-09	7	100	62	leftovers	37	67%	42%		0	3	61	9	0	5	24	2	2	2	107
16A-18	377	400	400	leftovers	0	74%	55%		286	38	194	14	0	0	2	0	0	0	523
16A-19	3	300	112	leftovers	65	67%	33%		4	7	155	18	0	0	0	0	0	0	191
17A-01	890	250	253	leftovers	0	68%			125	0	17	0	19	3	7	0	0	0	172
17A-03	30	300	290	leftovers	9	45%			0	13	77	5	5	0	37	0	0	0	136
17A-11	607	400	400	leftovers	0	74%			231	4	52	4	0	0	0	0	0	0	295
17A-19	50	350	336	leftovers	14	61%	44%		0	27	347	44	0	0	0	0	0	0	415
18A-01	387	300	300	leftovers	0				183	0	22	0	0	0	0	0	0	0	194
18A-08	740	400	401	leftovers	0	61%	45%		233	18	150	25	0	0	0	0	0	0	419
18A-09	25	700	607	leftovers	93	53%	25%		0	56	409	56	0	4	4	0	0	0	546
19A-01	494	350	351	leftovers	0	49%			146	2	33	2	0	0	0	0	0	0	172
19A-03	11	200	194	leftovers	6	30%			0	4	51	2	0	0	0	0	0	0	60
19A-09	33	200	193	leftovers	7	54%	26%		0	15	119	12	0	0	0	0	0	0	156
22A-03	51	700	674	leftovers	26	51%			0	32	287	46	0	0	0	0	0	0	358
22A-08	1,284	600	603	leftovers	0	56%	41%		295	42	218	21	0	0	0	0	0	0	583
23A-01	476	300	300	leftovers	0	48%			123	10	12	2	0	0	0	0	0	0	144
23A-03	32	300	298	leftovers	3	53%			0	24	122	11	0	0	0	0	0	0	160
23A-08	430	250	251	leftovers	0	56%	50%		119	25	101	22	0	0	0	0	0	0	266
25A-18	363	350	350	leftovers	0	62%	40%		189	17	156	11	2	0	0	0	0	0	378
25A-19	7	250	133	leftovers	7	45%	28%		0	9	85	17	0	0	0	0	0	0	108
26A-06	986	800	801	leftovers	0	64%	58%	32%	519	80	560	92	0	0	0	0	0	0	1,236
26A-07	42	600	416	leftovers	182	68%	51%	25%	4	53	598	123	4	0	7	4	4	4	808
28A-06	776	700	699	leftovers	0	66%	57%	28%	490	68	438	74	0	0	6	3	3	3	1,060
28A-07	14	600	325	leftovers	153	67%	47%	22%	0	51	419	113	0	0	14	7	7	7	623
29A-01	947	450	451	leftovers	0	60%			196	10	60	10	0	0	3	0	0	0	270
29A-03	66	450	451	leftovers	0	48%			0	37	152	17	0	0	0	0	0	0	215
32A-01	417	400	401	leftovers	0	46%			155	5	30	2	0	0	0	0	0	0	184
32A-08	330	250	253	leftovers	0	53%	48%		111	15	104	23	0	0	0	0	0	0	253
32A-09	28	250	213	leftovers	37	49%	29%		0	21	149	21	0	0	0	0	0	0	199
33A-08	312	100	101	leftovers	0	60%	40%		48	7	37	3	9	0	0	0	0	0	104
33A-18	640	450	450	leftovers	0	69%	42%		333	12	179	11	0	0	3	0	0	0	522
33A-19	20	500	441	leftovers	57	63%	37%		0	44	427	67	0	0	0	0	0	0	554
34A-01	438	300	301	leftovers	0	60%			144	9	13	0	0	0	0	0	0	0	180
34A-03	18	300	293	leftovers	7	55%			0	17	145	16	0	0	0	0	0	0	164

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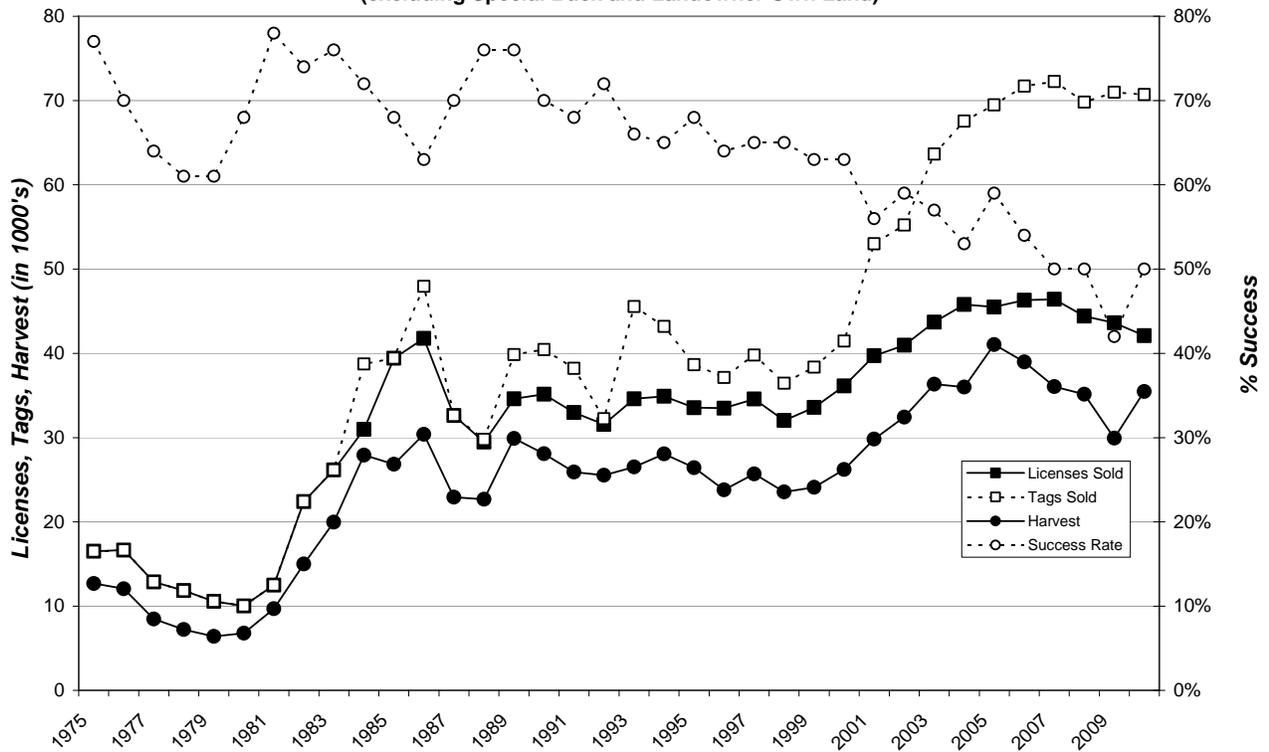
South Dakota Game Report No 2011-05 - 2010 Big Game Harvest Projections
 Corey Huxoll

Unit/Type	Licenses					Harvest Projections											Total Deer Harvest			
	14-Apr-11					Whitetail						Mule Deer								
	Resident			Nonresident		Success			Bucks		Does				Bucks			Does		
	Appl. 1st Choice *	Avail.	Sold	Avail.	Sold	1st tag	2nd tag	3rd tag	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn		Adult	Fawn	
36A-01	168	75	75	leftovers	0	65%			25	0	4	0	18	0	0	0	0	48		
36A-08	285	100	103	leftovers	0	67%	40%		44	0	24	0	20	0	22	4	112			
36A-09	9	125	119	leftovers	6	55%	26%		0	12	62	13	0	2	11	0	101			
36A-18	104	175	175	leftovers	0	68%	36%		119	2	48	16	0	0	0	0	184			
37A-11	602	250	252	leftovers	0	68%			156	2	16	0	0	0	0	0	171			
37A-13	17	150	150	leftovers	0	42%			0	9	50	2	0	0	0	0	63			
37A-19	49	200	200	leftovers	0	52%	27%		0	17	117	23	0	0	0	0	159			
38A-08	177	50	52	leftovers	0	53%	27%		20	0	11	0	5	0	2	0	42			
38A-16	271	600	450	leftovers	0	67%	48%	17%	295	36	229	42	0	0	0	0	603			
38A-17	0	400	90	leftovers	46	71%	52%	30%	0	16	168	28	0	0	0	0	207			
40A-01	145	50	51	leftovers	0	57%			18	0	0	0	7	0	0	0	29			
40A-13	15	150	127	leftovers	22	60%			3	11	74	5	0	0	0	0	89			
40A-18	414	275	275	leftovers	0	71%	42%		184	3	115	22	0	0	2	0	334			
40A-19	9	200	185	leftovers	16	66%	32%		0	25	181	18	0	0	0	0	215			
42A-01	1,271	900	912	leftovers	0	52%			356	18	103	4	0	0	4	0	471			
42A-03	29	300	276	leftovers	24	59%			0	33	126	12	0	0	0	0	176			
42A-09	69	300	298	leftovers	4	70%	42%		0	12	279	36	0	0	0	0	337			
43A-01	483	200	201	leftovers	0	56%			105	0	7	0	0	0	0	0	112			
43A-03	25	200	200	leftovers	0	39%			0	7	66	5	0	0	0	0	77			
43A-08	340	150	152	leftovers	0	57%	49%		78	14	59	6	0	0	0	0	157			
43A-09	56	250	249	leftovers	0	51%	26%		0	15	153	18	0	0	0	0	186			
44A-01	613	250	250	leftovers	0	39%			79	7	12	0	0	0	0	0	97			
44A-03	28	100	100	leftovers	0	39%			0	2	35	2	0	0	0	0	39			
44A-09	71	100	100	leftovers	0	42%	24%		0	6	57	2	0	0	0	0	65			
46A-01	532	300	301	leftovers	0	53%			115	5	36	2	0	0	0	0	160			
46A-03	18	200	201	leftovers	0	44%			0	14	71	5	0	0	0	0	89			
46A-08	307	150	150	leftovers	0	49%	59%		59	12	81	9	0	0	0	0	161			
46A-09	29	100	99	leftovers	0	53%	33%		0	5	72	7	0	0	0	0	84			
47A-07	27	600	356	leftovers	155	72%	51%	27%	0	50	559	123	0	0	3	3	744			
47A-08	840	600	603	leftovers	0	60%	43%		342	35	210	31	6	0	0	0	619			
48A-01	414	400	399	leftovers	0	36%			113	7	25	0	0	0	0	0	144			
48A-08	513	400	400	leftovers	0	52%	37%		190	12	133	12	0	0	6	0	351			
48A-09	21	400	286	leftovers	114	70%	35%		0	35	280	82	0	0	4	7	412			
51A-01	359	250	250	leftovers	0	63%			130	3	22	0	0	0	0	0	157			
51A-03	6	150	135	leftovers	15	33%			0	6	38	6	0	0	0	0	50			
51A-08	292	200	201	leftovers	0	56%	35%		100	5	71	6	3	0	0	0	186			
51A-09	15	250	214	leftovers	32	60%	40%		0	34	191	24	0	0	3	0	247			
52A-01	547	400	399	leftovers	0	41%			125	7	30	4	0	0	0	0	165			
52A-03	24	200	200	leftovers	0	43%			0	12	62	12	0	0	0	0	86			
52A-08	175	100	101	leftovers	0	48%	30%		44	2	33	0	0	0	0	0	79			
54A-08	388	150	149	leftovers	0	85%	51%		106	9	63	8	21	0	0	2	209			
54A-09	5	200	158	leftovers	42	74%	53%		0	15	196	7	0	0	11	3	243			
54A-18	323	450	448	leftovers	0	76%	55%		353	9	229	16	0	0	0	0	594			
54A-19	5	250	63	leftovers	12	71%	53%		0	9	59	15	0	0	0	0	86			
55A-01	1,057	500	501	leftovers	0	55%			202	13	67	3	0	0	0	0	274			
55A-03	71	500	501	leftovers	0	62%			0	43	225	34	0	0	0	0	312			
56A-01	356	250	250	leftovers	0	62%			152	0	14	0	2	0	0	0	156			
56A-03	9	150	144	leftovers	6	50%			0	3	63	3	0	2	0	0	75			
56A-08	173	100	100	leftovers	0	49%	41%		40	7	35	3	0	0	2	0	87			
56A-09	9	250	229	leftovers	21	64%	32%		0	25	160	29	0	0	0	0	223			
57A-01	338	300	300	leftovers	0	57%			154	5	0	0	0	0	0	0	171			
57A-08	940	800	800	leftovers	0	59%	41%		399	46	321	22	0	4	4	4	808			
57A-09	33	400	313	leftovers	87	50%	31%		3	34	257	48	0	0	0	0	321			
59A-08	525	150	150	leftovers	0	79%	48%		65	0	49	2	58	2	20	2	193			
59A-09	10	250	201	leftovers	44	56%	33%		0	4	97	12	0	17	80	9	218			
59A-18	65	250	250	leftovers	0	59%	34%		138	7	73	14	3	0	0	0	240			
59B-08	225	350	346	leftovers	4	69%	43%		240	13	128	16	2	0	2	0	396			
59B-09	3	200	66	leftovers	23	67%	48%		0	8	70	14	0	0	0	0	97			
61A-01	585	250	250	leftovers	0	51%			112	2	23	0	0	0	0	0	127			
61A-03	16	200	200	leftovers	0	36%			0	13	47	9	0	0	0	0	72			
61A-09	34	200	200	leftovers	0	56%	27%		0	21	129	7	0	0	0	0	163			
62A-01	691	350	350	leftovers	0	56%			173	7	24	4	0	0	2	0	195			
62A-03	20	300	291	leftovers	9	50%			0	13	117	13	0	0	0	0	150			
62A-09	57	150	150	leftovers	0	68%	39%		0	12	120	15	0	5	0	0	161			
63A-08	358	50	51	leftovers	0	76%	32%		32	0	16	0	9	0	0	0	57			
63A-09	10	100	72	leftovers	28	56%	41%		0	11	58	5	0	2	27	5	106			
63A-18	213	400	400	leftovers	0	66%	46%		273	29	159	7	0	0	0	0	466			
63A-19	5	300	125	leftovers	63	78%	41%		0	8	160	49	0	0	0	0	223			
Totals	38,242	43,595	40,223	leftovers	1,892	1st tag	2nd tag		12,421	2,200	17,563	2,439	296	62	414	80	35,475			
						Type 08/18=	63%	44%												
						Type 09/19=	59%	34%												

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

East River Deer Regular Season 1975-2010

(excluding Special Buck and Landowner Own Land)



2010 East River LOL Harvest Projections

Last Revised: 14-Apr-11

Unit	Harvest Projections																
	Licenses		Tags	Response	Tag	Whitetail				Mule Deer				Total Deer	Mean Satisfactn Rating	Average Days Hunted	
	Avail.	Sold	sold			Hunters	Bucks	Does	Bucks	Does	Bucks	Does					
East River	Unltd	5,859	9,019	5,196	72%	43%	2,238	147	1,267	122	98	6	41	3	3,922	5.06	4.37
Statewide	Unltd	570	570	442	80%	48%	0	22	168	18	0	3	1	0	212	4.98	2.89
Totals		6,429	9,589	5,638	72.7%	43%	2,238	169	1,435	140	98	8	42	3	4,133	5.06	4.24

Units less than 85% response rate & harvest projections may not be within +/- 15% of sample statistic.

2010 ER LOL Harvest Distribution

Last Revised: 14 Apr 11

County	Projected Harvest					
	Whitetail		Mule Deer		Total	
	Bucks	Does	Bucks	Does	Projected	%
Minnehaha	31	25	0	0	55	1.3%
Brown	72	64	0	1	137	3.3%
Beadle	113	70	0	0	183	4.4%
Codington	37	21	0	0	58	1.4%
Brookings	37	34	0	0	70	1.7%
Yankton	76	45	0	0	121	2.9%
Davison	46	23	2	0	70	1.7%
Aurora	89	58	0	0	147	3.5%
Bon Homme	47	32	0	0	79	1.9%
Brule	93	62	14	7	177	4.3%
Buffalo	17	11	2	0	29	0.7%
Campbell	24	27	14	6	72	1.7%
Charles Mix	157	83	26	3	269	6.5%
Clark	60	32	0	0	91	2.2%
Clay	18	21	0	0	40	1.0%
Day	72	50	0	0	122	3.0%
Deuel	12	11	0	0	23	0.6%
Douglas	49	35	2	3	89	2.1%
Edmunds	53	42	0	0	95	2.3%
Faulk	85	66	2	1	154	3.7%
Grant	40	31	0	0	70	1.7%
Hamlin	44	21	0	0	66	1.6%
Hand	131	73	14	3	221	5.4%
Hanson	50	33	0	3	86	2.1%
Hughes	49	24	11	6	90	2.2%
Hutchinson	87	61	0	0	149	3.6%
Hyde	41	20	2	1	64	1.6%
Jerauld	82	39	2	1	125	3.0%
Kingsbury	20	32	1	0	53	1.3%
Lake	29	14	0	0	43	1.0%
Lincoln	11	9	0	0	20	0.5%
McCook	50	31	0	0	81	2.0%
McPherson	31	64	2	1	98	2.4%
Marshall	26	15	0	0	41	1.0%
Miner	50	12	0	0	62	1.5%
Moody	28	18	0	0	46	1.1%
Potter	54	45	3	0	103	2.5%
Roberts	55	38	0	1	95	2.3%
Sanborn	75	44	3	1	123	3.0%
Spink	98	43	0	0	141	3.4%
Sully	40	20	8	1	69	1.7%
Turner	31	20	0	0	50	1.2%
Union	50	29	0	0	79	1.9%
Walworth	46	25	2	1	74	1.8%
TOTALS	2,407	1,575	106	45	4,133	

Any by county projected harvest values will differ from by unit projected harvest values due to incorrect sampling proportions within counties.

Use these figures for approximations only!

2010 East River Special Buck Harvest Projections

Unit/Type	Resident Licenses		Response Rate	Tag Success	Harvest Projections				Total Deer Harvest	Mean Satisfactn Rating	Average Days Hunted
	Avail.	Sold			Whitetail		Mule Deer				
					Bucks	Does	Bucks	Does			
ER-01	500	502	91%	63%	272	18	28	0	317	5.34	5.37

Units less than 85% response rate & harvest projections may not be within +/- 15% of sample statistic.

2010 East River Special Buck Harvest Distribution

County	Reported Harvest					Projected Harvest					Total Projected	%
	Whitetail		Mule Deer		Total	Whitetail		Mule Deer		Total		
	Bucks	Does	Bucks	Does		Bucks	Does	Bucks	Does			
Minnehaha	9	2	0	0	11	11	2	0	0	13	4.1%	
Brown	12	0	1	0	13	14	0	1	0	15	4.8%	
Beadle	3	1	0	0	4	4	1	0	0	5	1.5%	
Codington	4	0	0	0	4	5	0	0	0	5	1.5%	
Brookings	4	2	0	0	6	5	2	0	0	7	2.2%	
Yankton	10	0	0	0	10	12	0	0	0	12	3.7%	
Davison	3	0	1	0	4	4	0	1	0	5	1.5%	
Aurora	1	1	0	0	2	1	1	0	0	2	0.7%	
Bon Homme	6	0	0	0	6	7	0	0	0	7	2.2%	
Brule	3	0	1	0	4	4	0	1	0	5	1.5%	
Buffalo	0	0	0	0	0	0	0	0	0	0	0.0%	
Campbell	2	1	1	0	4	2	1	1	0	5	1.5%	
Charles Mix	12	0	7	0	19	14	0	9	0	23	7.2%	
Clark	10	0	0	0	10	12	0	0	0	12	3.7%	
Clay	4	1	0	0	5	5	1	0	0	6	1.8%	
Day	12	0	0	0	12	14	0	0	0	14	4.4%	
Deuel	2	0	0	0	2	2	0	0	0	2	0.7%	
Douglas	0	0	0	0	0	0	0	0	0	0	0.0%	
Edmunds	5	0	0	0	5	6	0	0	0	6	1.8%	
Faulk	5	0	1	0	6	6	0	1	0	7	2.2%	
Grant	0	0	0	0	0	0	0	0	0	0	0.0%	
Hamlin	5	2	0	0	7	6	2	0	0	8	2.6%	
Hand	15	0	3	0	18	18	0	4	0	21	6.7%	
Hanson	0	0	0	0	0	0	0	0	0	0	0.0%	
Hughes	6	0	1	0	7	7	0	1	0	8	2.6%	
Hutchinson	8	1	0	0	9	9	1	0	0	11	3.3%	
Hyde	1	0	0	0	1	1	0	0	0	1	0.4%	
Jerauld	2	0	0	0	2	2	0	0	0	2	0.7%	
Kingsbury	4	0	0	0	4	5	0	0	0	5	1.5%	
Lake	6	0	0	0	6	7	0	0	0	7	2.2%	
Lincoln	9	0	0	0	9	11	0	0	0	11	3.3%	
McCook	4	2	0	0	6	5	2	0	0	7	2.2%	
McPherson	3	0	0	0	3	4	0	0	0	4	1.1%	
Marshall	6	0	0	0	6	7	0	0	0	7	2.2%	
Miner	2	0	0	0	2	2	0	0	0	2	0.7%	
Moody	6	0	0	0	6	7	0	0	0	7	2.2%	
Potter	8	0	3	0	11	9	0	4	0	13	4.1%	
Roberts	3	0	0	0	3	4	0	0	0	4	1.1%	
Sanborn	1	0	0	0	1	1	0	0	0	1	0.4%	
Spink	7	1	0	0	8	8	1	0	0	9	3.0%	
Sully	8	0	2	0	10	9	0	3	0	12	3.7%	
Turner	8	0	0	0	8	9	0	0	0	9	3.0%	
Union	13	1	0	0	14	15	1	0	0	16	5.2%	
Walworth	0	0	1	0	1	0	0	1	0	1	0.4%	
Unknown	14	1	3	0	18							
TOTALS	246	16	25	0	287	272	18	28	0	317		

Any by county projected harvest values will differ from by unit projected harvest values due to incorrect sampling proportions within counties.
 Use these figures for approximations only!

NATIONAL WILDLIFE REFUGE DEER

There were a total of 384 licenses issued for the 2010 Wildlife Refuge Deer seasons, which included 272 at Sand Lake (242 residents and 30 nonresidents); 46 at Lacreek (40 residents and 6 nonresidents); and 66 at Waubay (63 residents and 3 nonresidents).

All license-holders for each season were surveyed and response rates for Sand Lake, Lacreek, and Waubay refuges were 83%, 89%, and 91%, respectively. Approximately 33% of responding hunters used the Internet response system.

The seasons had different opening dates at each refuge. The average days hunted were 2.86 at Sand Lake, 2.46 at Lacreek and 2.22 at Waubay.

The reported harvest at the refuges consisted only of white-tailed deer. The projected harvest for Sand Lake was 56 bucks and 55 does, for Lacreek was 16 bucks and 10 does, and for Waubay was 17 bucks and 8 does. The projected success rate for Sand Lake was 20%, for Lacreek was 57%, and for Waubay was 38%.

Harvest summaries for 2001-2010 National Wildlife Refuge Deer Seasons

SAND LAKE NATIONAL WILDLIFE REFUGE

YEAR	LICENSES	BUCKS	DOES	% SUCCESS	AVE DAYS HUNTED
2001	593	136	68	34%	2.50
2002	594	174	67	41%	2.61
2003	594	169	50	37%	2.60
2004	436	80	92	30%	2.56
2005	420	73	75	28%	2.71
2006	444	92	79	29%	2.81
2007	436	103	83	33%	2.68
2008	399	86	112	25%	3.39
2009	275	58	66	23%	2.88
2010	272	56	55	20%	2.86

LACREEK NATIONAL WILDLIFE REFUGE

YEAR	LICENSES	BUCKS	DOES	% SUCCESS	AVE DAYS HUNTED
2001	44	11	1	27%	1.86
2002	44	9	4	30%	2.30
2003	44	10	5	34%	2.40
2004	44	16	3	43%	2.83
2005	45	10	8	40%	2.93
2006	38	10	5	39%	2.56
2007	43	16	6	51%	2.78
2008	43	11	6	40%	2.43
2009	43	19	4	52%	2.61
2010	46	16	10	57%	2.46

WAUBAY NATIONAL WILDLIFE REFUGE

YEAR	LICENSES	BUCKS	DOES	% SUCCESS	AVE DAYS HUNTED
2001	71	14	12	37%	2.30
2002	71	14	9	32%	2.04
2003	71	31	13	62%	1.74
2004	70	26	11	53%	2.32
2005	71	27	8	49%	2.00
2006	71	14	11	35%	2.62
2007	71	19	13	33%	2.07
2008	66	17	5	33%	2.29
2009	66	16	9	38%	2.23
2010	66	17	8	37%	2.22

2010 Sand Lake Refuge Deer Harvest Projections

Last Revised:		Licenses						Harvest Projections								
4-Apr-11		Resident			Nonresident			Response Rate	Unit/Subunit Success	Whitetail		Mule Deer		Total Deer Harvested	Mean Satisf	Avg Days Hunted
Unit/Type	Appl. 1st Choice *	Available	Sold	Appl. 1st Choice *	Available	Sold	Bucks			Does	Bucks	Does				
SL1-08	153	40	40	12	4	4	84%	#	30%	10	4	0	0	13	3.86	2.97
Same Season 2nd Tag																
SL1-09	2	10	10	1	1	1	91%		5%	1	1	0	0	2		
Same Season 2nd Tag																
SL2-08	117	40	41	15	4	4	89%		20%	0	2	0	0	2		
Same Season 2nd Tag																
SL2-09	1	10	10	0	1	1	82%	#	48%	19	2	0	0	21	4.58	3.18
Same Season 2nd Tag																
SL3-08	52	40	40	2	4	4	86%		8%	0	3	0	0	3		
Same Season 2nd Tag																
SL3-09	0	10	10	1	1	1	64%	#	56%	1	5	0	0	6	4.33	3.00
Same Season 2nd Tag																
SL4-08	22	40	40	3	4	4	77%	#	11%	0	1	0	0	1		
Same Season 2nd Tag																
SL4-09	0	10	2	1	1	5	100%		13%	1	5	0	0	6		
Same Season 2nd Tag																
SL5-08	43	40	40	2	4	4	77%	#	29%	0	3	0	0	3	5.86	2.71
Same Season 2nd Tag																
SL5-09	0	10	9	1	1	2	91%		0%	0	0	0	0	0	3.86	4.29
Same Season 2nd Tag																
Licenses	390	250	242	38	25	30	83.1%	#	20%	56	55	0	0	111	3.86	2.86
Tags		500	484		50	60										

2010 Lacreek Refuge Deer Harvest Projections

Last Revised:		Licenses						Harvest Projections								
4-Apr-11		Resident			Nonresident			Response Rate	Unit/Subunit Success	Whitetail		Mule Deer		Total Deer Harvested	Mean Satisf	Avg Days Hunted
Unit/Type	Appl. 1st Choice *	Available	Sold	Appl. 1st Choice *	Available	Sold	Bucks			Does	Bucks	Does				
LC1-11	126	15	15	8	2	2	94%		31%	4	1	0	0	5	5.38	2.75
LC1-13	0	5	5	0	1	1	100%		67%	0	4	0	0	4	4.00	2.33
LC2-11	117	15	15	8	2	2	76%	#	77%	12	1	0	0	13	5.31	2.62
LC2-13	0	5	5	0	1	1	100%		67%	0	4	0	0	4	4.50	1.50
Licenses	243	40	40	16	6	6	89.1%		57%	16	10	0	0	26	5.02	2.46

All units require the use of muzzleloader firearms.

2010 Waubay Refuge Deer Harvest Projections

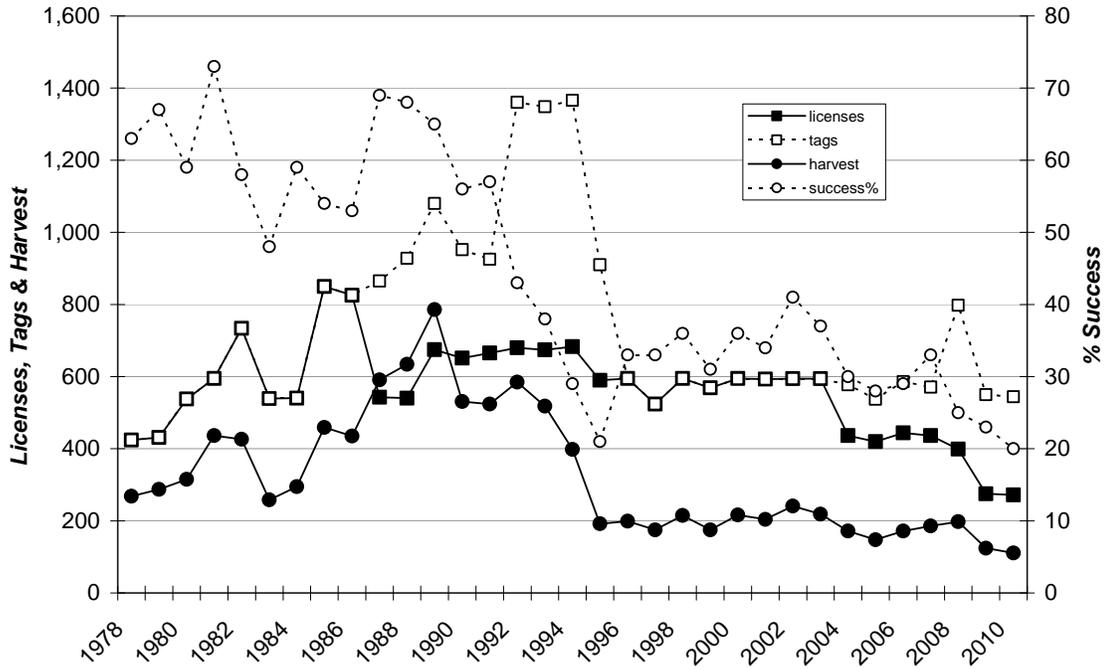
Last Revised:		Licenses						Harvest Projections								
4-Apr-11		Resident			Nonresident			Response Rate	Unit/Subunit Success	Whitetail		Mule Deer		Total Deer Harvested	Mean Satisf	Avg Days Hunted
Unit/Type	Appl. 1st Choice *	Available	Sold	Appl. 1st Choice *	Available	Sold	Bucks			Does	Bucks	Does				
WA1-01	45	20	21	0	2	1	100%		48%	9	1	0	0	10	5.10	1.86
WA2-01	12	20	22	0	2	0	91%		45%	4	6	0	0	10	4.60	2.05
WA3-01	33	20	20	2	2	2	82%	#	22%	4	1	0	0	5	3.67	2.83
Licenses	90	60	63	2	6	3	90.8%		38%	17	8	0	0	25	4.49	2.22

Response rate for all units combined was: **85.1%**

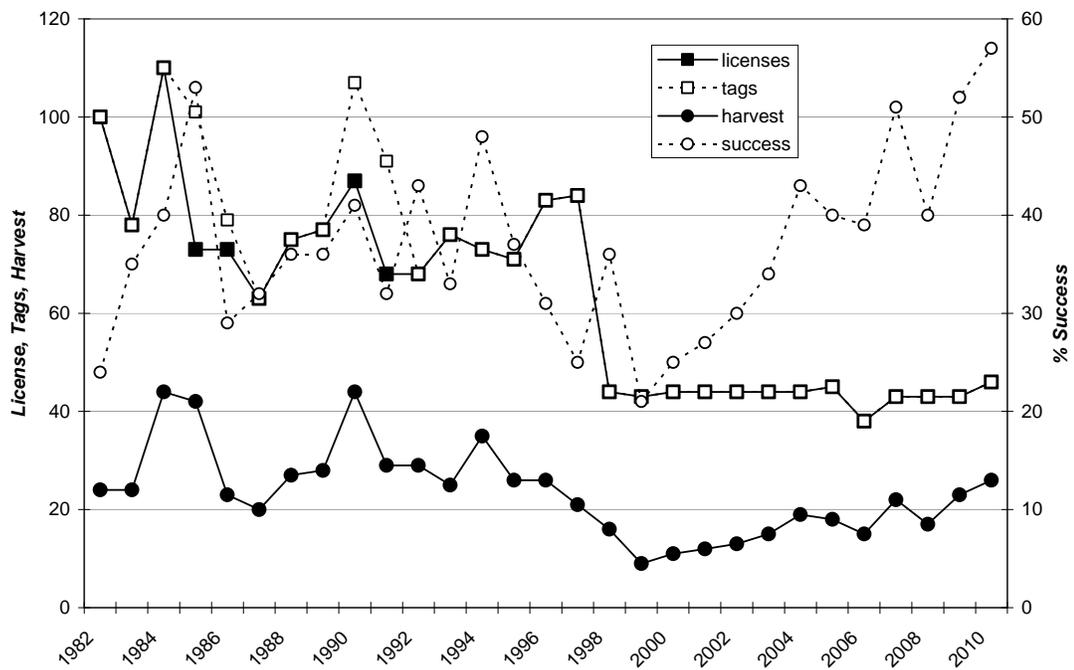
Units with less than 85% response rate and may not be within accepted tolerance for data accuracy.

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

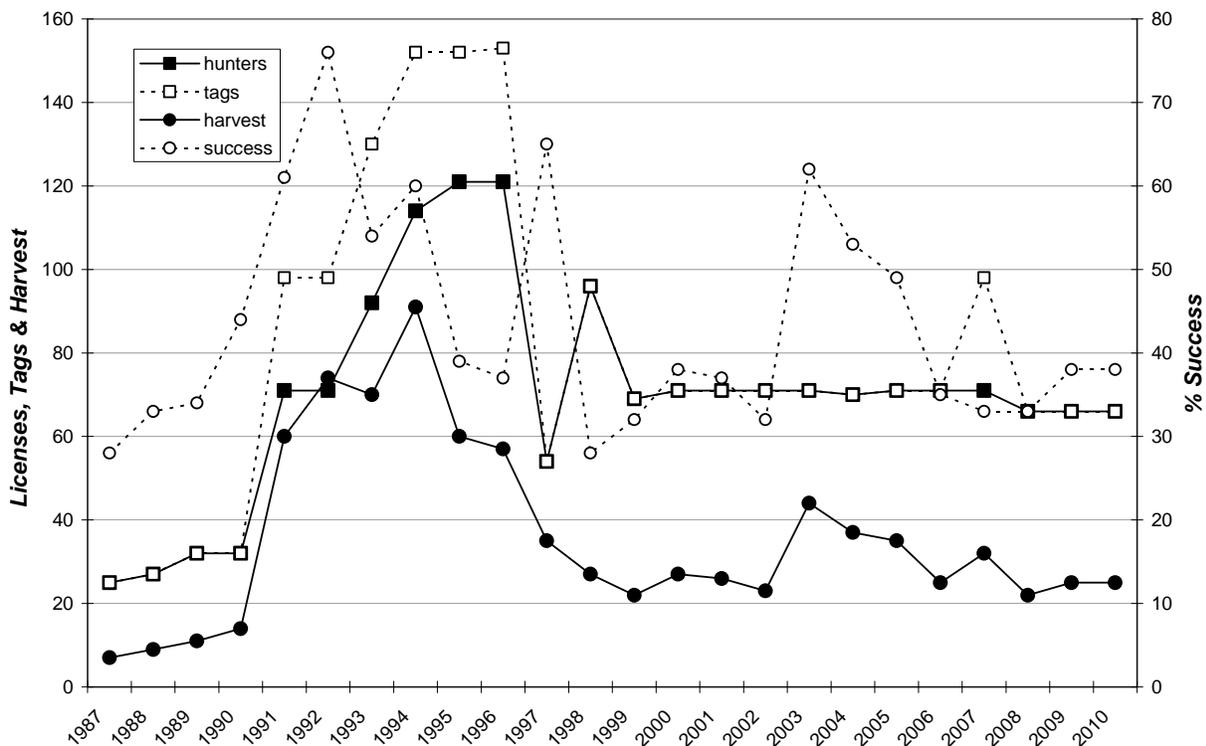
Sand Lake National Wildlife Refuge 1978-2010



Lacreek National Wildlife Refuge 1982-2010



Waubay National Wildlife Refuge 1987-2010



BLACK HILLS DEER

There were 5,327 single-tag licenses issued for the 2010 Black Hills Deer season (4,938 resident, 389 nonresident).

A random sample of 4,847 hunters was taken (91% of license holders) and there were 2,952 responses for a 61% return rate. Approximately 75% of responding hunters used the Internet to respond to their survey.

The season ran the usual month of November, a total of 30 days. The special antlerless season again ran the entire month of November, an increase from the 10-day season in 2004. Those responding reported hunting an average of 4.58 days, which projected to 24,398 recreation days for the season. Of those responding, 8.4% stated they did not hunt at all during the season.

The mean satisfaction score for all combined units was 5.07. The satisfaction scale ranged from 1 = "very dissatisfied" to 7 = "very satisfied".

The harvest projection for the Black Hills Deer season was 3,017 deer (2,203 adult whitetail bucks, 97 fawn whitetail bucks, 556 adult whitetail does, 43 fawn whitetail does, 97 adult mule deer bucks, 4 fawn mule deer bucks, 16 adult mule deer does and no fawn mule deer does). The overall season harvest success rate was 57%, up from 48% in 2009.

Including the estimated Black Hills harvest of 1,947 deer from the Archery, Youth and Muzzleloader seasons, approximately 4,964 deer were harvested in the Black Hills proper.

Harvest summaries for the 2001-2010 Black Hills Deer seasons

YEAR	Licenses Sold		Harvest					Success	Avg Days Hunted	Avg Satis
	Resident	Nonres	Bucks		Does		Total			
			WT	Mule	WT	Mule				
2001	6,211	496	2,419	859	313	71	3,662	55%	4.14	5.20
2002	5,980	474	2,365	618	346	40	3,369	52%	4.59	5.25
2003	5,965	473	2,427	694	402	53	3,576	56%	4.01	5.42
2004	6,810	536	2,802	783	946	58	4,589	62%	4.14	5.46
2005	7,217	597	2,219	696	1,324	8	4,247	54%	4.12	5.50
2006	8,250	689	2,746	722	1,770	167	5,405	60%	4.22	5.37
2007	8,240	709	3,172	133	1,988	104	5,397	60%	4.45	5.27
2008	8,451	722	2,620	138	1,824	56	4,638	51%	4.08	5.11
2009	7,218	613	2,450	134	1,122	74	3,781	48%	4.75	4.53
2010	4,938	389	2,203	101	599	16	3,017	57%	4.58	5.07

2010 Black Hills Deer Harvest Projections

Last Revised: 22 March 2011

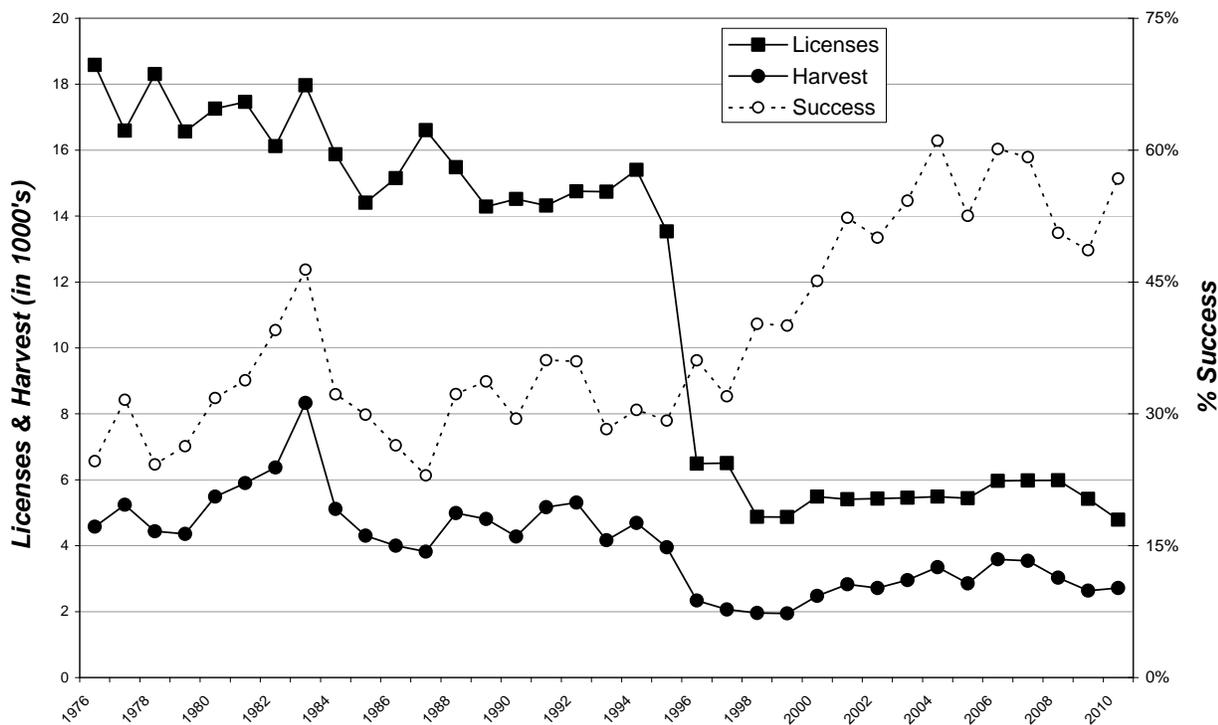
Unit/Type	Licenses								Harvest Projections										Total Deer Harvested	Mean Satisfctn Score	Avg Days Hunted
	Resident				Nonresident				Whitetail				Mule Deer								
	Appl. 1st				Appl. 1st				Bucks	Does			Bucks	Does							
	Choice *	Avail.	Sold	Resp.	Choice *	Avail.	Sold	Resp.	Success	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn				
BH1-01	3,922	400	439	359	32	31	63%	61%	154	4	22	2	97	2	5	0	285	5.19	4.77		
BH1-11	7,083	4,000	4,000	798	320	318	61%	56%	2,046	54	308	25	0	0	0	2,432	5.04	4.72			
BD1-03	63	100	99	15	8	8	56%	51%	2	4	34	2	0	2	11	0	54	4.73	4.46		
BD1-13	10	100	100	6	8	8	62%	45%	0	9	38	2	0	0	0	49	4.54	2.95			
BD2-13	90	100	100	35	8	8	57%	63%	0	14	46	8	0	0	0	68	5.61	3.20			
BD3-13	49	100	100	9	8	8	60%	57%	2	4	52	4	0	0	0	61	5.63	2.79			
BD4-13	58	100	100	19	8	8	66%	63%	0	10	56	2	0	0	0	68	5.65	2.91			
TOTAL	11,275	4,900	4,938	1,241	392	389	60.9%	57%	2,203	97	556	43	97	4	16	0	3,017	5.07	4.58		

The response rate for all units combined is: **60.9%**

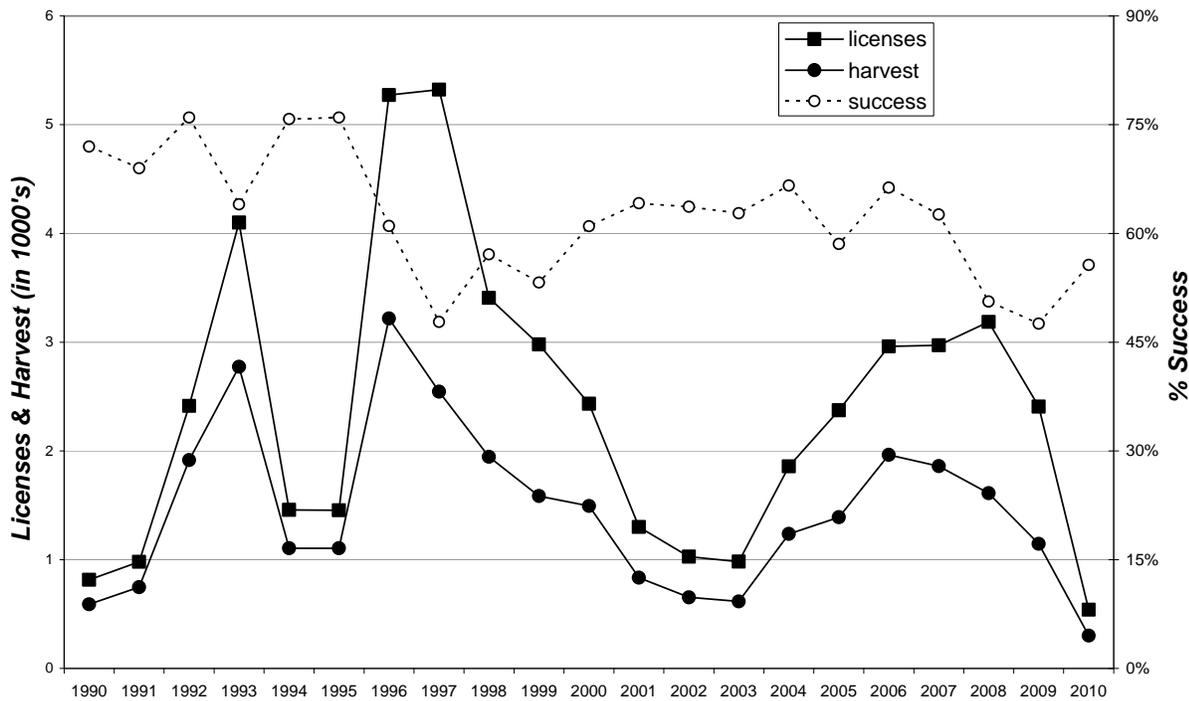
Satisfaction scale of 1=very dissatisfied to 7=very satisfied.

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

Black Hills Buck/Any Deer 1976-2010



Black Hills Antlerless Deer 1990-2010



MOUNTAIN GOAT

There was no season for Mountain Goats in the Black Hills for 2010.

Comparison of the 1997-2010 Black Hills Mountain Goat seasons

<i>Year</i>	<i>Apps/License</i>	<i>Billies Harvested</i>	<i>Nannies Harvested</i>	<i>Success</i>	<i>Avg. Days Hunted</i>
1997	1,600/4	3	1	100%	3.5
1998	1,776/4	4	0	100%	3.5
1999	1,867/4	4	0	100%	4.25
2000	1,873/4	3	0	75%	2.25
2001	1,919/4	2	2	100%	1.5
2002	1,955/3	2	1	100%	1.7
2003	2,046/3	1	2	100%	5.7
2004	2,189/3	1	2	100%	6.3
2005	2,591/2	0	2	100%	2.5
2006	2,678/2	0	1	50%	5.5
2007-2010	No Season				

BIGHORN SHEEP

This was the eleventh year bighorn sheep licenses were made available outside Custer State Park. The 2010 season was open from September 1 through December 31. In addition to the traditional unit in Pennington County west of SD Highway 79, an additional unit 2 was created in 2008 in Custer County west of Highway 79 with one license available. There were 3,643 applicants for the five any-bighorn licenses (3,170 for unit 1 and 473 for unit 2). All hunters were surveyed and all were successful at harvesting a ram. They reported hunting 115 total days, an average of 23 days per hunter.

Comparison of the 2000-2010 Black Hills Bighorn Sheep seasons

<i>Year</i>	<i>Apps/License</i>	<i>Rams Harvested</i>	<i>Ewes Harvested</i>	<i>Success</i>	<i>Avg. Days Hunted</i>
2000	1,197/2	2	0	100%	4.0
2001	1,459/2	2	0	100%	1.5
2002	1,724/2	2	0	100%	4.0
2003	1,880/2	2	0	100%	2.5
2004	2,087/3	3	0	100%	6.0
2005	2,741/3	3	0	100%	6.7
2006	3,003/3	3	0	100%	6.0
2007	3,514/4	4	0	100%	7.3
2008	3,533/5	5	0	100%	4.8
2009	3,541/5	5	0	100%	8.6
2010	3,643/5	5	0	100%	23

MOUNTAIN LION

The 2010 season opened on January 1 and ended on February 10 when it was closed due to the total harvest quota being met.

There were 2,082 mountain lion licenses issued in 2010, a 14% decrease from 2009. All license holders were sampled and the survey response rate was 86.5%.

The overall success rate for the statewide unit was 1.92%, with 16 males and 24 females harvested.

Average hunter satisfaction was 5.00 and was based on a numerical scale from 1 (very dissatisfied) to 7 (very satisfied), 4 being neutral.

Harvest summaries for 2007-2010 Statewide Mountain Lion seasons

YEAR	Licenses Sold	Actual Harvest		Success	Active Hunters	Average Satisfaction
		Males	Females			
2007	4,070	3	16	0.47%	2,401	5.08
2008	No Season					
2009	2,428	11	15	1.07%	1,646	5.18
2010	2,357	16	24	1.92%	1,468	5.00

Harvest summaries for 2005-2006 Black Hills Mountain Lion seasons

YEAR	Licenses Sold	Actual Harvest		Success	Active Hunters	Average Satisfaction
		Males	Females			
2005	2,294	6	7	0.57%	1,305	5.31
2006	3,016	7	8	0.50%	1,807	5.06

Harvest summaries for 2005-2006 Prairie Mountain Lion seasons

YEAR	Licenses Sold	Actual Harvest		Success	Active Hunters	Average Satisfaction
		Males	Females			
2005	303	0	0	0%	UNK	UNK
2006	290	1	0	0.34%	UNK	UNK

CLUSTER STATE PARK

CSP ANTELOPE

For 2010, all hunters reported and most hunted except for two doe/kid hunters who did not hunt during the season. Seven adult does and one male kid were killed during the doe-kid season. Three mature bucks were killed during the any season. Survey data from the previous spring and summer indicate a density of 302 pronghorn with fawn:doe ratios of 49%. The buck to doe ratio was 40% in 2010. We will continue to monitor the herd with spring and summer surveys.

Summary comparison of the 2009-2010 seasons

Year	Apps/Licenses	Harvest			Success	Avg. Days Hunted
		Bucks	Does	Total		
2009	1,139/13	2	10	12	92%	1.5
2010	1,201/13	3	8	11	100%	1.6

CSP DEER

All hunters reported. *For the white-tail doe season 5 of 35 hunters did not hunt; however, for the 30 hunters that hunted, 22 killed antlerless deer (73%). Of the 22 hunters that harvested deer, we had 16 kill 2 antlerless deer and 6 hunters killed 1 deer. Furthermore, we had any white-tail license tag holders kill an additional 6 antlerless deer. Therefore, there were a total of 44 antlerless deer (38 adult does and 6 fawns) harvested during the any white-tail and antlerless seasons. During the antlerless season, some hunters were not successful ($n = 8$, 27%). Overall, the antlerless deer harvest was similar to last year. For the any deer seasons both mature mule deer and white-tailed bucks were killed.

Summary comparison of the 2001-2010 seasons

Year	Apps/Licenses	WT Harvest	MD Harvest	Success	Avg. Days Hunted
2001	606/4	2 bucks	2 bucks	100%	5.0
2002	651/6	4 bucks	2 bucks	100%	5.67
2003	708/42	11 bucks, 18 does	1 buck	100%	2.1
2004	757/52	9 bucks, 20 does	2 bucks	60%	1.1
2005	876/50	12 bucks, 17 does	2 bucks, 1 doe	64%	1.6
2006	1,016/37	9 bucks, 32 does	2 bucks	97%	2.68
2007	1,203/37	9 bucks, 31 does	2 bucks	95%	2.8
2008	1,088/47	8 bucks, 38 does	2 bucks	86%	3.0
2009	1,667/47	10 bucks, 42 does	2 bucks	87%	2.7
2010	1,336/47	8 bucks, 44 does	2 bucks	84%	6.3

CSP SPRING TURKEY

We collected information from 118 report cards. We had 15 hunters (13%) which did not hunt and participate in the CSP hunt. Therefore, 87% ($n = 103$) of hunters that received a license visited the Park to hunt spring turkeys. Of the hunters that participated, we had a harvest success rate of 76% (78 of 103). Most hunters used exclusively shotguns (96%) and only 4% used the combination of both shotguns and bow and arrow. Age breakdowns provided some interesting results. The majority of birds harvested were mature gobblers (2+ years of age) at 96%, with a break down of ages including juveniles at 4%, 2-year olds at 24%, 3-year olds at 22%, and 4+-year olds at 50%. This year many more 4+-year olds made up the harvest and this may indicate fewer birds being recruited into the population the previous 3 years. Most comments indicated an excellent hunt and hunters enjoyed the experience.

Summary comparison of the 2001-2010 seasons

Year	Apps/Licenses	Harvest	Success	Avg. Days Hunted
2001	451/100	34	34%*	3.10
2002	520/100	37	37%*	2.77
2003	540/100	47	47%*	2.57
2004	636/100	52	52%*	1.98
2005	663/100	47	47%*	1.73
2006	683/100	47	84%	2.20
2007	737/125	71	77%	2.50
2008	741/135	75	86%	1.80
2009	718/135	80	79%	2.20
2010	731/135	78	76%	2.10

*Harvest and success for CSP Spring Turkey were estimated assuming all nonrespondents were unsuccessful. The 2006-09 estimates were based on the sample reporting.

CSP BIGHORN SHEEP

Population surveys indicated a low population of approximately 26 bighorns in Custer State Park. Surveys indicate no lambs survived through February 2011. We continue to monitor the population for disease and are testing adult females and males for *Mycoplasma ovipneumonia*. We hope to supplement the herd in the near future.

Summary comparison of the 2001-2010 seasons

Year	Apps/Licenses	Harvest	Success	Avg. Days Hunted
2001	2,466/3	3 rams	100%	1.66
2002	2,424/2	2 rams	100%	2.50
2003	2,506/2	2 rams	100%	1.50
2004	2,725/3	3 rams	100%	4.00
2005-2010	CLOSED			

CSP ARCHERY ELK

Early: All 5 hunters reported and no hunters killed elk. Comments were primarily related to few elk being seen by hunters and that they thought the population was way down. Two hunters suggested we close the season for elk hunting in its entirety. Hunters were happy to hunt the entire month of September. Lengthening the season did not improve harvest success from 2009. Effort remains relatively high. Harvest success this poor may suggest few elk available to hunters for harvest.

Late: All 30 hunters reported and 6 hunters that received a license did not hunt. Hunters were not successful for a harvest success rate of 0%. An estimated 200 days of recreation with an average of 8.3 days of recreation/hunter was higher than last year. Most comments focused on not seeing many elk and they indicated that made the hunt less enjoyable.

The 2010 season statistics were:

Unit	Licenses Available	Licenses Sold	Response Rate	Success	Harvest		
					Bulls	Cows	Total
CU1-21	5	5	100%	0%	0	0	0
CU1-21	30	30	100%	0%	0	0	0
Total	35	35	100%	0%	0	0	0

Summary comparison of the 2001-2010 seasons

Year	Applications	Licenses	Bull Harvest	Cow Harvest	Success	Avg. Days Hunted
2001	2,289	58	10	4	24%	8.63
2002	2,745	58	5	3	14%	9.69
2003	2,778	58	14	3	29%	7.76
2004	3,324	55	7	0	13%	9.12
2005	3,964	57	6	3	16%	8.63
2006	4,523	56	13	0	27%	7.81
2007	4,869	58	3	1	8%	9.30
2008	5,091	58	8	0	16%	8.74
2009	5,146	58	5	3	15%	10.4
2010	4,903	35	0	0	0%	11.2

CSP FIREARM ELK

All hunters reported but only 20 of 21 hunters participated. Sixteen of 20 harvested elk for a success rate of 80% which dipped some compared to last year. Comments were not as positive as previous years and most hunters indicated they did not see many elk and were very disappointed.

The 2010 statistics were:

Unit	Licenses Available	Licenses Sold	Response Rate	Success	Harvest		
					Bulls	Cows	Total
CU1-21	21	21	100%	80%	14	2	16
CU1-23	0	0	NA	NA	0	0	0
CU2-23	5	5	100%	80%	0	4	4
CU3-23	0	0	NA	NA	0	0	0
Total	26	26	100%	80%	14	6	20

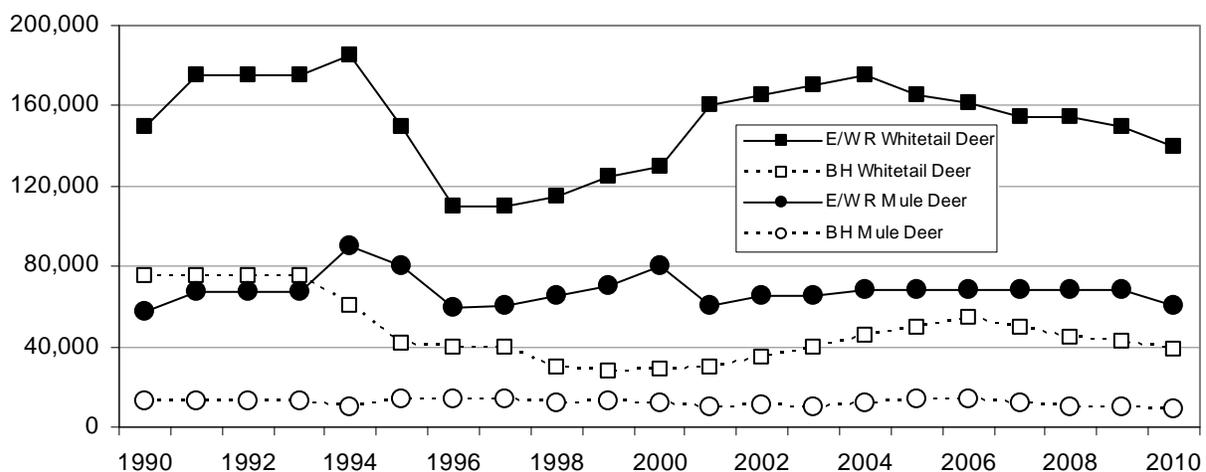
Summary comparison of the 2001-2010 seasons

Year	Apps/Licenses	Bull Harvest	Cow Harvest	Success	Avg. Days Hunted
2001	11,081/140	36	79	82%	3.01
2002	11,679/140	39	91	93%	3.57
2003	12,431/170	39	97	80%	2.91
2004	13,196/188	44	126	90%	2.27
2005	15,021/166	43	86	78%	3.21
2006	14,323/167	41	91	79%	3.11
2007	15,148/101	38	31	68%	3.70
2008	14,653/76	37	21	77%	3.33
2009	14,373/56	30	20	89%	4.10
2010	14,020/26	14	6	80%	3.80

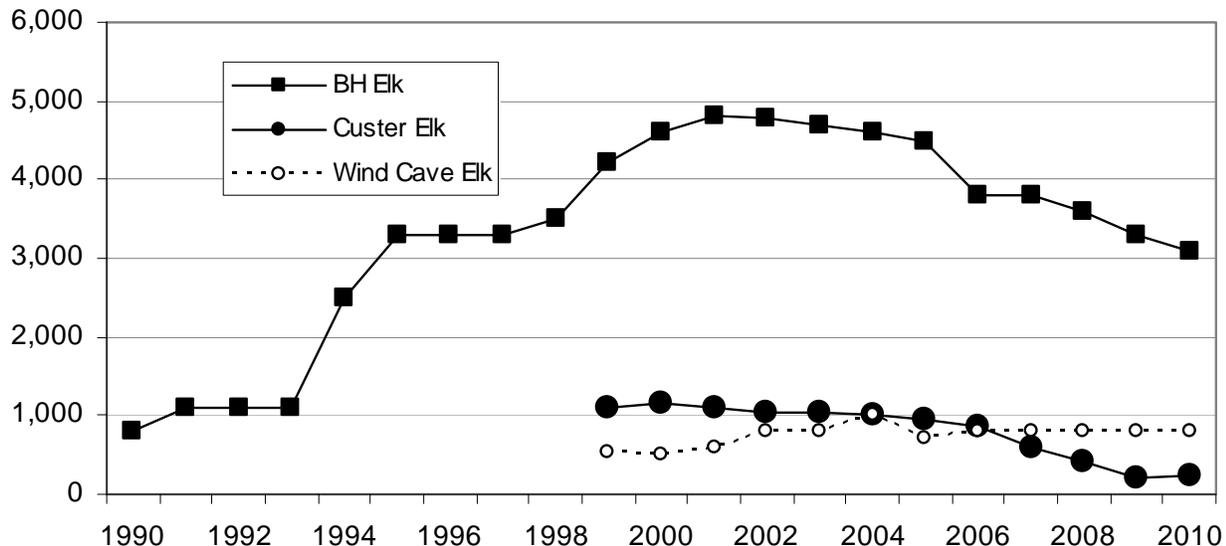
2010 WORKING POPULATION ESTIMATES

Source	Species	Geographic Area	2010 estimate
Elk			
Ted Benzon		Black Hills Proper	3,100
		Wind Cave National Park	800
Chad Lehman		Custer State Park	228
White-tailed Deer			
Ted Benzon		East River & West River Prairie	140,000
		Black Hills Proper	39,000
Mule Deer			
Ted Benzon		East River & West River Prairie	60,000
		Black Hills Proper	9000
Turkey			
Ted Benzon		East River	24,000
		West River Prairie	45,000
		Black Hills Proper	38,000
Pronghorn			
Ted Benzon			51,000
Bighorn			
Ted Benzon		Badlands Nat'l Park	120
		Black Hills Proper	300
Chad Lehman		Custer State Park	25
Mountain Goat			
Ted Benzon			90

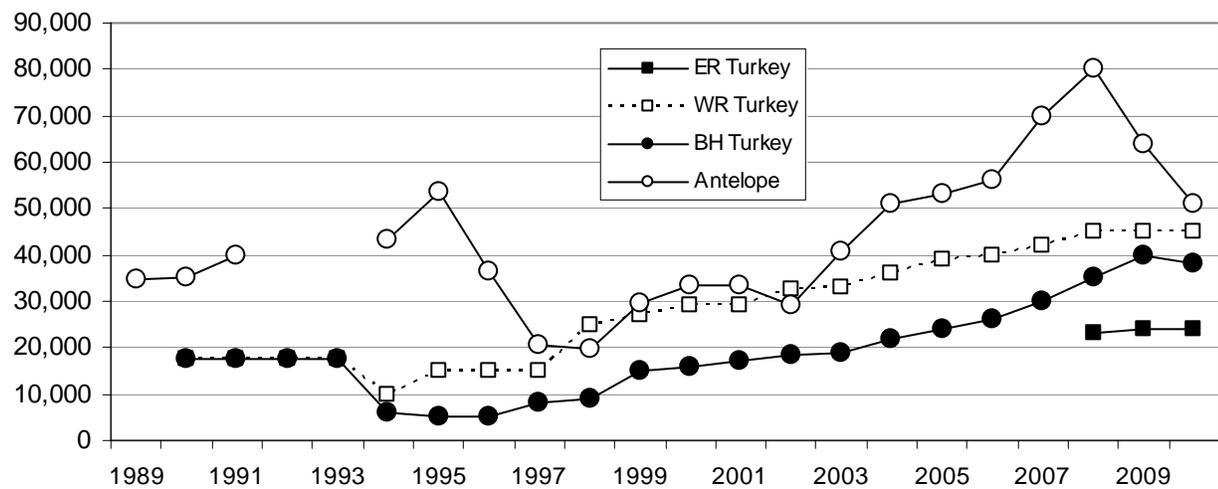
1990-2010 South Dakota Deer Population Estimates



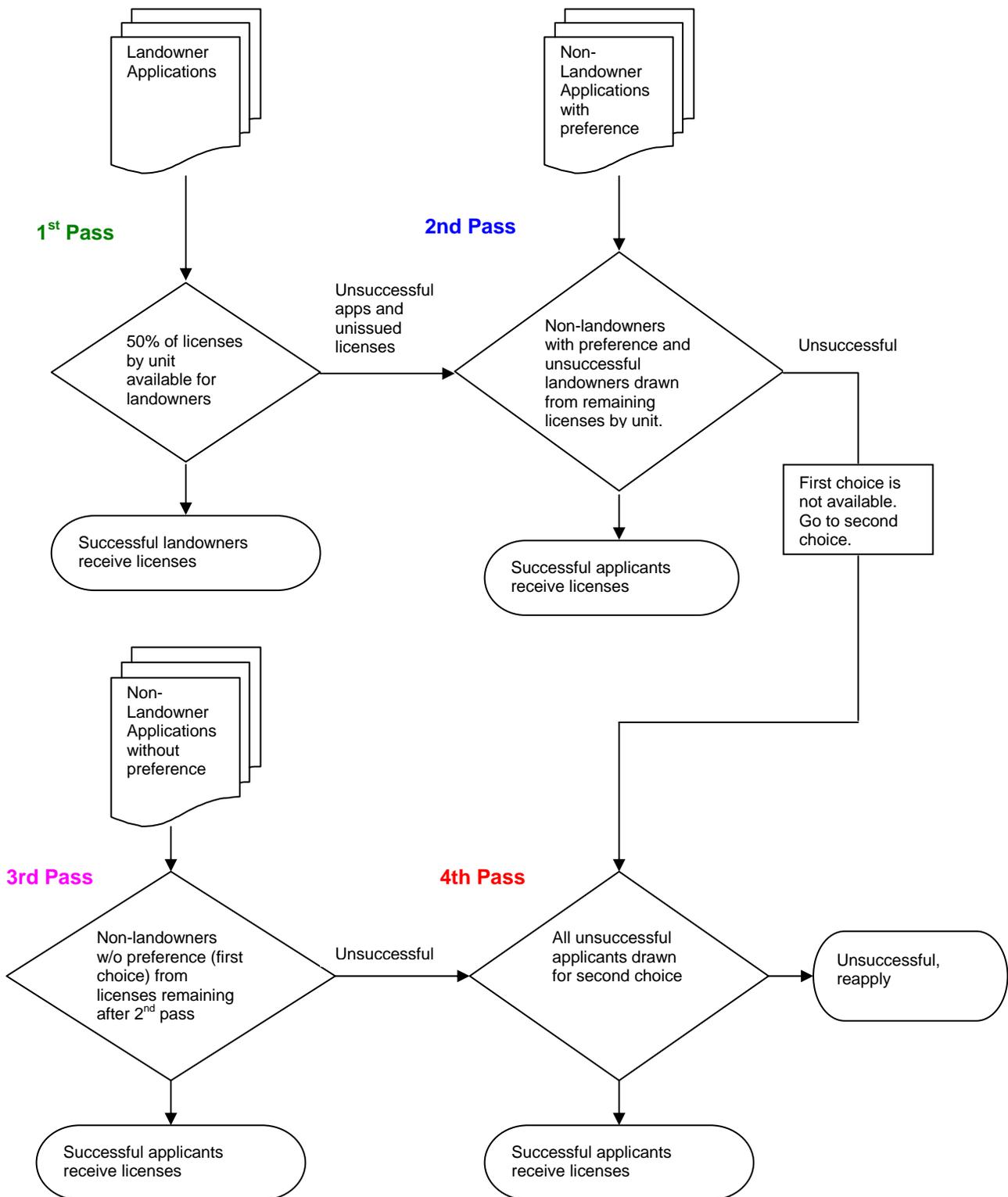
1990-2010 South Dakota Elk Population Estimates



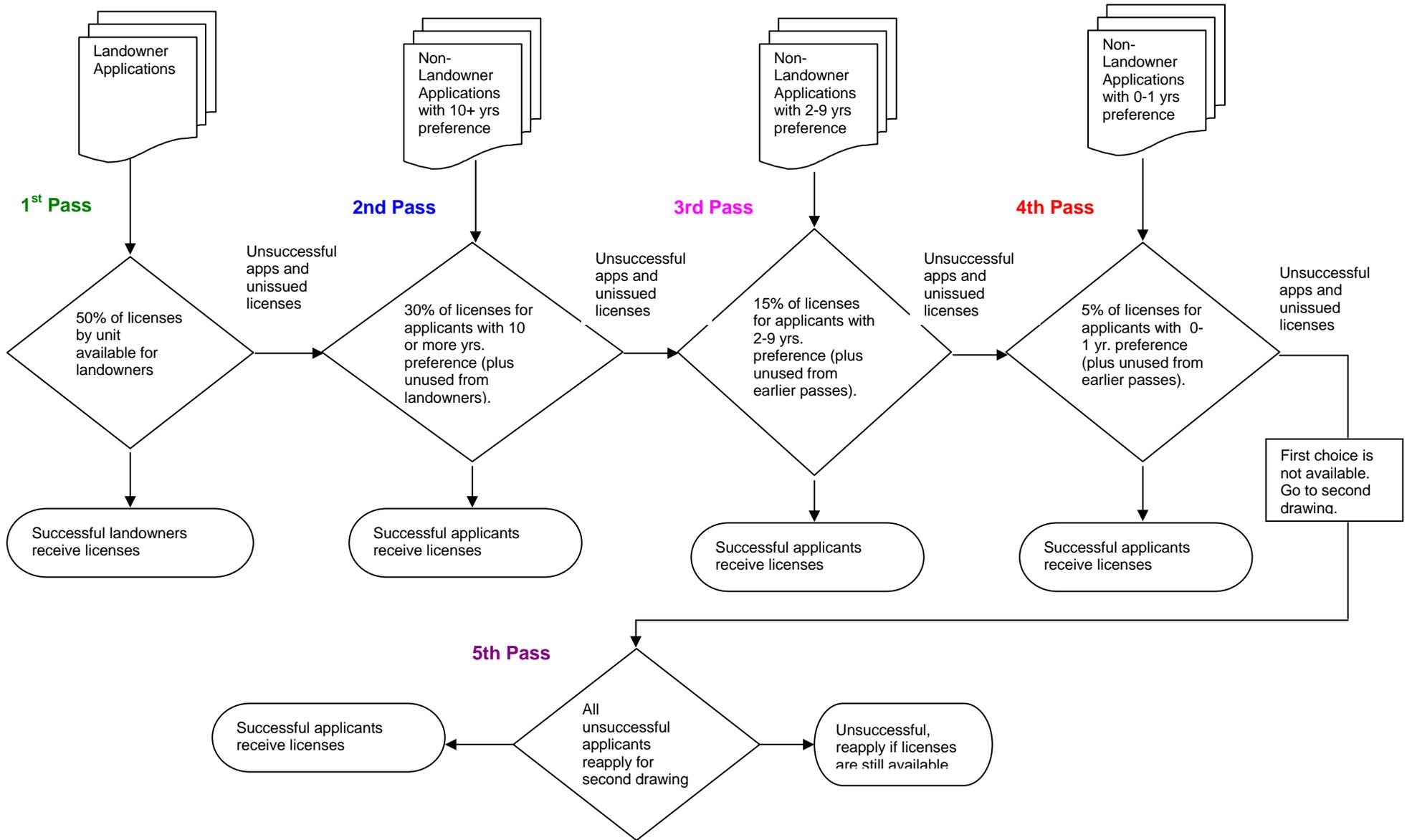
1989-2010 South Dakota Turkey & Antelope Population Estimates



Big Game Drawing Process (excluding Elk)



Big Game Drawing Process for Elk (except CSP)



Big Game Drawing Process for Custer State Park Elk

