
South Dakota GAME REPORT

No. 2012 - 05

2011

Annual Report

BIG GAME HARVEST PROJECTIONS

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PREFACE

Big game harvest estimates reported herein for the 2011 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 – Andy Lindbloom) 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 survey responses were taken directly over the Internet using SurveyMonkey® or the SDGFP website, or were processed and encoded by Erin Moehring, Dana Ertz, and Corey Huxoll.

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INDEX

	Page
Preface	i
Index.....	1
TURKEY -- (excluding <i>Custer State Park</i> ; see separate section)	
Spring Firearm Prairie -- season summary.....	4
unit harvest projections	5
season trends.....	6
Spring Firearm Black Hills -- season summary.....	7
unit harvest projections	7
season trends.....	8
Spring Archery Statewide -- season summary.....	9
harvest distribution	10
season trends.....	10
Spring Mentored Youth -- season summary.....	11
harvest distribution	12
Fall Firearm Prairie -- season summary.....	13
unit harvest projections	13
West River harvest distribution.....	14
NE unit harvest distribution	14
season trends.....	15
Fall Firearm Black Hills -- season summary.....	16
season trends.....	17
Fall Mentored Youth -- season summary.....	18
harvest distribution	19
PRONGHORN ANTELOPE	
Archery -- season summary.....	20
harvest distribution	20
season trends.....	21
Firearm -- season summary	22
unit and license type harvest projections	23
unit harvest projections	24
season trends.....	24
Mentored Youth -- season summary	25
harvest distribution	26

ELK -- (excluding *Custer State Park*; see separate section)

Archery -- season summary	27
unit harvest projections	27
season trends.....	28
Black Hills Firearm -- season summary	29
unit harvest projections	29
season trends.....	30
Prairie Firearm -- season summary	31
unit harvest projections	31

DEER

Statewide Combined All Deer -- season summary	32
harvest projections	33
harvest trends	34
license trends	34
Statewide Archery -- season summary	35
harvest projections	35
harvest distribution by county.....	36
season trends.....	37

Firearm Deer -- (excluding *Custer State Park* - see separate section)

Youth -- season summary	38
unit harvest projections	38
harvest distribution by county.....	39
season trends.....	40
Mentored Youth -- season summary	41
unit harvest projections	41
harvest distribution by county.....	42
Muzzleloader -- season summary	43
unit harvest projections	43
harvest distribution by county.....	44
season trends.....	45
Landowner Free Antlerless -- summary	46
harvest projections	46
harvest distribution by county.....	47
West River --season summary	48
unit harvest projections	49
unit and license type harvest projections	50
landowner on own land harvest.....	51
special buck harvest.....	52
season trends.....	53

Firearm Deer -- (continued)

East River -- season summary54
 unit harvest projections55
 unit and license type harvest projections56
 season trends.....58
 landowner on own land harvest.....59
 special buck harvest.....60

National Wildlife Refuge - season summary61
 unit and license type harvest projections62
 Sand Lake - season trends63
 Lacreek - season trends.....63
 Waubay - season trends64

Black Hills -- season summary65
 unit and license type harvest projections65
 season trends.....66

MOUNTAIN GOAT-- (excluding *Custer State Park*, see separate section)67

BIGHORN SHEEP -- (excluding *Custer State Park*, see separate section)67

MOUNTAIN LION – season summary.....68

CUSTER STATE PARK

Antelope.....69
Deer.....69
Spring Turkey.....70
Bighorn Sheep70
Archery Elk.....71
Firearm Elk72

WORKING POPULATION ESTIMATES.....73

BIG GAME DRAWING PROCESS

Big Game excluding Elk75
Elk except Custer State Park76
Custer State Park Elk.....77

SPRING PRAIRIE TURKEY

In 2011, license sales totaled 8,064 (6,817 residents and 1,247 nonresidents) compared to 7,691 in 2010. There were 8,626 licenses available and overall tag sales totaled 13,203.

The survey sample size was 5,804 (77% of all hunters) and the response rate was 56%. All surveys were sent via email and separate phone surveys were used to correct for nonresponse and email bias. The reported overall success rate for hunters was 42% and the projected harvest was 5,535 turkeys.

Spring prairie turkey hunters averaged 2.70 days hunting for a projected total of 20,345 hunting days for the April 9 through May 22 season.

Double tag any-turkey licenses were available again this year and have been since 2001. An estimated 547 hens were harvested (9.9% of the total harvest) compared to 755 in 2010.

Respondents were asked to gauge their satisfaction of the season (1 being least satisfied, 7 being most satisfied) and the average response was 5.50.

Comparison of the 2001-2011 Spring Prairie Turkey Seasons

Year	Res Lic	NR Lic	Tags	Harvest		Success	Avg Days Hunted	Satisf
				Toms	Hens			
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
2011	6,817	1,247	13,203	4,989	547	42%	2.70	5.50

South Dakota Game Report No 2012-05 - 2011 Big Game Harvest Projections
 Corey Huxoll

2011 Spring Prairie Turkey Harvest Projections

Last Revised:
06/27/2011

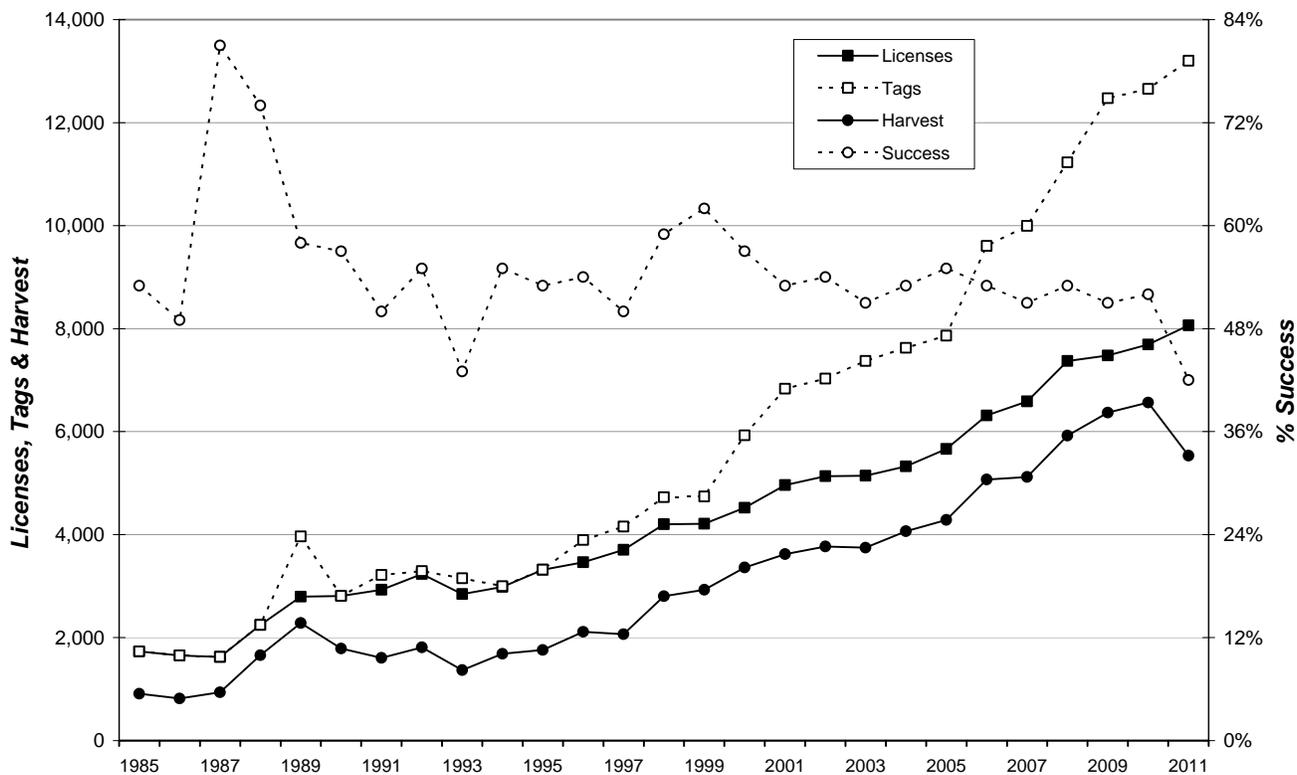
County Unit	Licenses									Harvest Estimates							
	License Type	Resident			Nonresident			Tags sold	Unit/ Subunit	Harvest			Ave. Days Hunted	Avg Satsfctn			
		Hunters	Appl. 1st Choice *	Avail.	Sold	Appl. 1st Choice *	Avail.			Sold	Success	1st tag			2nd tag	Toms	Hens
Bennett	37	71	35	70	49	22	6	27	152	75%	88%	79%	108	6	114	3.06	5.79
Bon Homme	32	360	278	400	392	0	0	8	400	44%	44%		175	0	175	2.99	5.31
Brookings	32	50	57	50	50	0	0	0	50	28%	28%		14	0	14	2.04	5.67
Brule	32	82	48	100	93	0	0	7	100	42%	42%		42	0	42	3.11	5.58
Butte/Lawrence	37	425	112	450	314	95	36	152	932	39%	57%	32%	342	25	367	2.81	5.55
Charles Mix/Douglas	37	350	347	350	351	0	0	0	702	35%	50%	27%	195	49	244	2.83	5.30
Clay	32	153	114	160	160	0	0	0	160	27%	27%		44	0	44	2.54	4.88
Corson	37	149	50	150	143	9	12	19	324	33%	49%	30%	89	18	107	2.08	4.84
Custer/ Penn-Mid	37	144	44	180	136	14	15	20	312	39%	52%	29%	111	10	122	2.84	5.57
Davison/Hanson	32	158	146	160	160	0	0	0	160	42%	42%		68	0	68	3.02	5.55
Day/Codington	32	58	47	60	60	0	0	0	60	38%	38%		23	0	23	2.80	5.79
Deuel	32	90	132	90	90	0	0	0	90	48%	48%		43	0	43	3.42	5.34
Dewey/Ziebach	37	185	62	250	147	29	20	56	406	35%	48%	28%	132	10	143	2.16	5.22
Fall River	37	167	52	200	134	26	16	42	352	50%	67%	42%	147	29	176	3.18	5.89
Grant	32	240	200	240	240	0	0	0	240	48%	48%		115	0	115	3.33	5.59
Gregory	37	1025	857	950	949	244	76	77	2,052	42%	61%	33%	743	126	869	2.39	5.46
Haakon	37	220	60	300	154	52	24	78	464	48%	65%	39%	202	22	224	2.19	6.09
Hamlin	32	20	22	20	20	0	0	0	20	0%	0%		0	0	0	2.78	1.50
Harding	37	144	65	150	114	27	12	42	312	30%	45%	20%	78	14	93	2.63	4.69
Hughes	37	40	30	40	40	0	0	0	80	25%	33%	11%	16	4	20	3.94	5.53
Hutchinson	32	79	57	80	80	0	0	0	80	35%	35%		28	0	28	2.79	5.60
Jackson	37	203	89	200	124	60	16	92	432	50%	63%	43%	183	33	215	2.49	6.17
Jerauld	32	10	9	10	10	0	0	0	10	0%	0%		0	0	0	1.50	5.50
Jones	32	62	8	100	36	16	8	36	72	56%	56%		40	0	40	2.59	5.32
Lincoln	32	140	209	140	140	0	0	0	140	18%	18%		26	0	26	3.05	4.77
Lyman	37	163	174	150	151	40	12	12	326	39%	56%	30%	110	17	127	2.70	5.34
Marshall/Roberts	37	490	395	500	495	0	0	5	1,000	32%	46%	24%	265	55	320	3.21	5.22
Meade/Pennngtn	37	344	83	350	233	86	28	143	752	51%	69%	45%	365	18	382	2.57	6.08
Mellette	37	461	184	550	429	130	44	165	1,188	48%	64%	45%	471	103	574	2.29	5.61
Minnehaha	32	120	109	120	120	0	0	0	120	21%	21%		26	0	26	3.09	5.23
Moody	32	40	35	40	40	0	0	0	40	40%	40%		16	0	16	5.38	5.83
Pennington-East	37	134	30	300	90	25	24	57	294	50%	69%	45%	143	4	147	2.24	6.02
Perkins	37	53	13	100	38	14	8	17	110	56%	61%	57%	59	2	61	2.58	5.48
Sanborn	32	69	59	70	70	0	0	0	70	21%	21%		15	0	15	1.68	4.68
Shannon	37	43	3	70	16	2	6	28	88	66%	81%	56%	56	2	58	2.85	6.14
Stanley	32	50	19	50	47	1	4	7	54	24%	24%		13	0	13	2.08	5.41
Todd	32	64	16	80	59	18	7	28	87	36%	36%		31	0	31	1.50	6.25
Tripp	32	357	211	400	303	85	32	129	432	65%	65%		279	0	279	2.46	5.95
Turner	32	53	28	60	60	0	0	0	60	20%	20%		12	0	12	6.15	4.13
Union	32	160	156	160	160	0	0	0	160	33%	33%		53	0	53	2.77	5.38
Yankton	32	309	255	320	320	0	0	0	320	35%	35%		111	0	111	2.59	5.37
Totals		7,535	4,900	8,220	6,817	995	406	1,247	13,203	41.9%			4,989	547	5,535	2.70	5.50

Response rate for all units combined was **56.3%**

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

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

Spring Firearm Prairie Turkey 1985-2011



SPRING BLACK HILLS TURKEY

An unlimited number of licenses were available and 4,808 licenses were issued for the 2011 Spring Black Hills Turkey season (2,993 residents, 1,815 nonresidents). All licenses consisted of single tags for male turkeys only.

The survey sample size was 2,274 (83% of hunters) and the response rate was 60.1%. All surveys were sent via email and separate phone surveys were used to correct for nonresponse and email bias. The reported success rate was 35% and the projected harvest was 1,693 male turkeys.

The season was open from April 9 through May 22, a total of 44 days. Hunters averaged 3.53 days of hunting for a projected total of 16,055 days of recreation for the season.

Resident hunters purchased 432 licenses for the BH2 unit, where tags were only valid May 1-22. Of those, 172 did not have a unit BH1 license; therefore, only 260 hunters purchased two licenses for the season. Reported success for unit BH2 for those hunters who purchased two licenses was 24%.

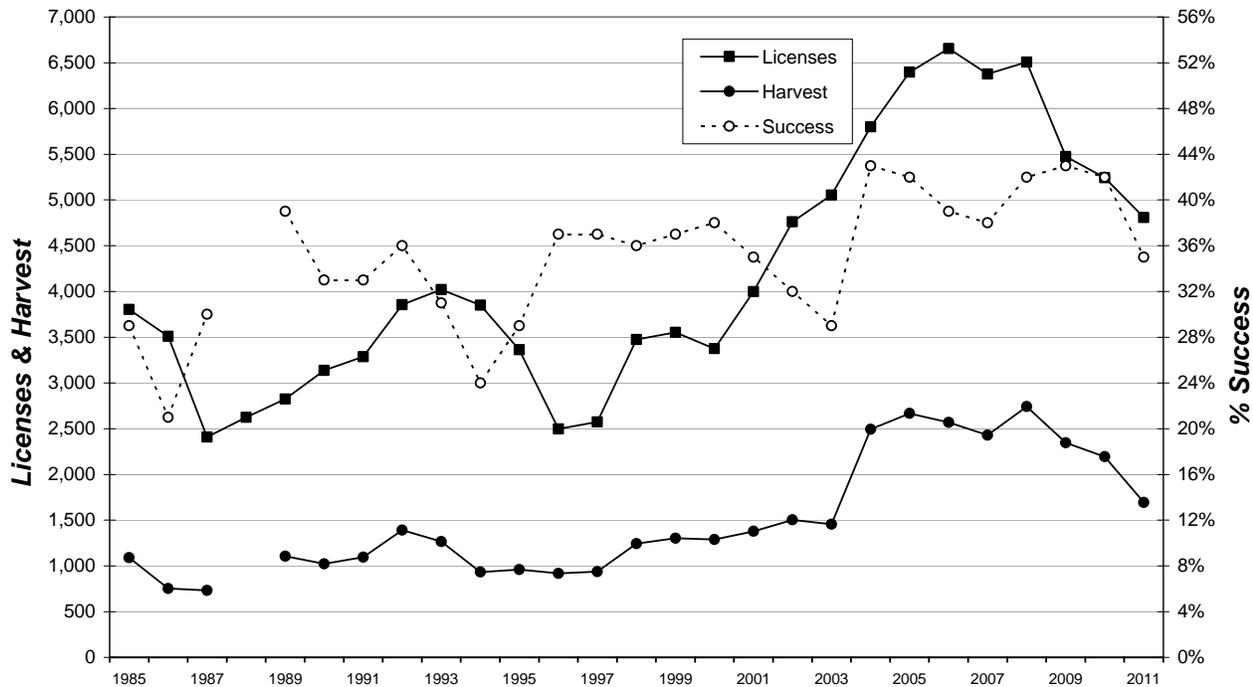
Comparison of the 2001-2011 Spring Black Hills Turkey Seasons

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
2011	4,808	1,693	3.53	35%	5.28

2011 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	2,561	Unlim	1,815	4,548	60.1%	35%	1,693	3.53	5.28
BH2-32	Unlim	432	0	0						
		2,993		1,815						
Response rate for the season was		60.1%								
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 1985-2011



SPRING ARCHERY TURKEY

There were 2,243 resident and 478 nonresident licenses sold for a total of 2,721 licensed spring archery turkey hunters in 2011.

To obtain harvest estimates, 84% of the license holders were sampled for an overall sample size of 2,279. The response rate was 49.1%. All surveys were sent via email and separate phone surveys were used to correct for nonresponse and email bias.

The projected harvest based on survey responses was 686 male turkeys, a decrease of 12% from 2010, for a success rate of 25%. The season was open from April 2 through May 22, a total of 51 days. The projected total number of days hunted was 10,639, an average of 3.91 days per hunter.

Comparison of the 2001-2011 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
2011	2,243	478	686	25%	3.91	5.37

2011 Spring Archery Turkey Harvest Projections

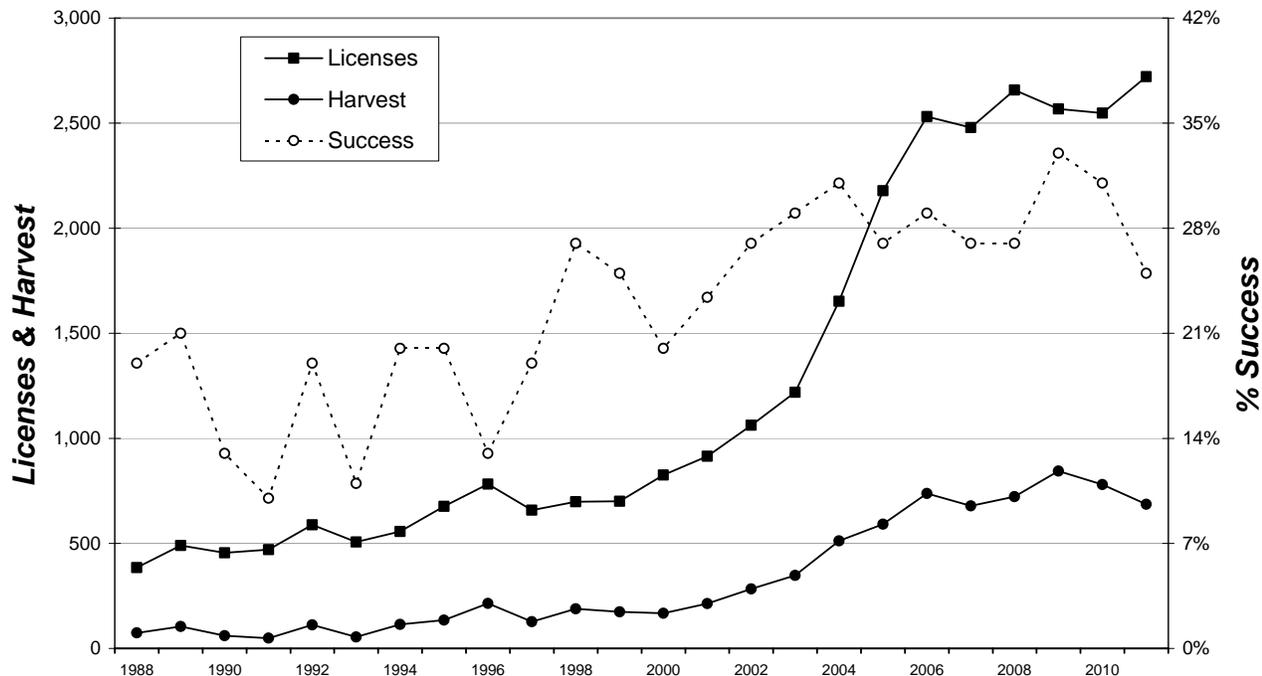
Unit/Type	Licenses				Response Rate	Unit/ Subunit Success	Harvest Estimate Toms	Ave. Days Hunted	Avg Satsfctn
	Resident		Nonresident						
	Avail.	Sold	Avail.	Sold					
ST1-32	Unlim	2,243	Unlim	478	49.1%	25.2%	686	3.91	5.37

Response rate for the season was **49.1%**
 Satisfaction scale of 1=very dissatisfied to 7=very satisfied.

2011 Spring Archery Turkey Season Reported Harvest Distribution

County	Harvest Reports			County	Harvest Reports		
	Number	% of Total	Projected		Number	% of Total	Projected
Gregory	62	21.6%	148	Day	2	0.7%	5
Meade	26	9.1%	62	Bennett	2	0.7%	5
Pennington	19	6.6%	45	Davison	2	0.7%	5
Roberts	17	5.9%	41	Brown	2	0.7%	5
Yankton	16	5.6%	38	Todd	1	0.3%	2
Union	13	4.5%	31	Walworth	1	0.3%	2
Lyman	13	4.5%	31	Turner	1	0.3%	2
Grant	12	4.2%	29	Sanborn	1	0.3%	2
Tripp	11	3.8%	26	Marshall	1	0.3%	2
Custer	9	3.1%	21	Jones	1	0.3%	2
Lincoln	8	2.8%	19	Jackson	1	0.3%	2
Brule	8	2.8%	19	Hughes	1	0.3%	2
Bon Homme	8	2.8%	19	Haakon	1	0.3%	2
Minnehaha	8	2.8%	19	Douglas	1	0.3%	2
Lawrence	7	2.4%	17	Dewey	1	0.3%	2
Clay	6	2.1%	14	Corson	1	0.3%	2
Mellette	4	1.4%	10	Butte	1	0.3%	2
Deuel	4	1.4%	10	Brookings	1	0.3%	2
Charles Mix	4	1.4%	10	Codington	1	0.3%	2
Stanley	3	1.0%	7				
Fall River	3	1.0%	7				
Aurora	3	1.0%	7				
				Total	287		686

**Spring Archery Turkey
1988-2011**



MENTORED SPRING TURKEY

There were 601 Mentored Spring Turkey licenses sold in South Dakota for the 2011 season. All were single tag licenses valid for a male turkey. A total of 440 mentors/hunters were sampled and 223 responses (51%) were received. Surveys were only sent via email and no corrections were made for nonresponse bias.

The spring season ran from April 9 through May 22, a total of 44 days. Respondents reported hunting an average of 2.60 days, which projected to a total of 1,563 recreation days for the season.

An estimated 210 toms were harvested, resulting in a success rate for this season of 35%. The mean satisfaction score reported by hunters/mentors was 5.63 (1 representing "very dissatisfied" and 7 representing "very satisfied").

The five counties with the highest reported harvest were Pennington, Meade, Tripp, Gregory and Yankton.

Summary of the 2009-2011 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
2011	601	210	0	210	35%	2.60	5.63

2011 Mentored Spring Turkey Harvest Projection

Last Revised: 12-Jul-11									
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	601	51% #	35%	210	0	210	2.60	5.63

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

2011 Mentored Spring Turkey Harvest Distribution

Last Revised:
 12-Jul-11

County	Reported Harvest			Projected Harvest			%
	Toms	Hens	Total	Toms	Hens	Total	
Minnehaha	2	0	2	5	0	5	2.6%
Pennington	11	0	11	30	0	30	14.1%
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	2	0	2	5	0	5	2.6%
Yankton	5	0	5	13	0	13	6.4%
Davison	1	0	1	3	0	3	1.3%
Lawrence	2	0	2	5	0	5	2.6%
Aurora	0	0	0	0	0	0	0.0%
Bennett	1	0	1	3	0	3	1.3%
Bon Homme	4	0	4	11	0	11	5.1%
Brule	0	0	0	0	0	0	0.0%
Buffalo	0	0	0	0	0	0	0.0%
Butte	1	0	1	3	0	3	1.3%
Campbell	0	0	0	0	0	0	0.0%
Charles Mix	4	0	4	11	0	11	5.1%
Clark	0	0	0	0	0	0	0.0%
Clay	1	0	1	3	0	3	1.3%
Corson	0	0	0	0	0	0	0.0%
Custer	4	0	4	11	0	11	5.1%
Day	1	0	1	3	0	3	1.3%
Deuel	1	0	1	3	0	3	1.3%
Dewey	1	0	1	3	0	3	1.3%
Douglas	1	0	1	3	0	3	1.3%
Edmunds	0	0	0	0	0	0	0.0%
Fall River	1	0	1	3	0	3	1.3%
Faulk	0	0	0	0	0	0	0.0%
Grant	3	0	3	8	0	8	3.8%
Gregory	5	0	5	13	0	13	6.4%
Haakon	1	0	1	3	0	3	1.3%
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	1	0	1	3	0	3	1.3%
Hughes	2	0	2	5	0	5	2.6%
Hutchinson	1	0	1	3	0	3	1.3%
Hyde	0	0	0	0	0	0	0.0%
Jackson	1	0	1	3	0	3	1.3%
Jerauld	1	0	1	3	0	3	1.3%
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	3	0	3	8	0	8	3.8%
Lyman	0	0	0	0	0	0	0.0%
McCook	0	0	0	0	0	0	0.0%
McPherson	0	0	0	0	0	0	0.0%
Marshall	0	0	0	0	0	0	0.0%
Meade	6	0	6	16	0	16	7.7%
Mellette	1	0	1	3	0	3	1.3%
Miner	0	0	0	0	0	0	0.0%
Moody	0	0	0	0	0	0	0.0%
Perkins	0	0	0	0	0	0	0.0%
Potter	0	0	0	0	0	0	0.0%
Roberts	3	0	3	8	0	8	3.8%
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	5	0	5	13	0	13	6.4%
Turner	0	0	0	0	0	0	0.0%
Union	2	0	2	5	0	5	2.6%
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	0	0	0	0	0	0	0.0%
TOTALS	78	0	78	210	0	210	

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 5,649 licenses (5,213 resident, 436 nonresident) sold for the 2011 Fall Prairie Turkey season in South Dakota, for a total of 10,662 tags. All tags were valid for either a tom or a hen.

A random sample of 4,568 hunters was taken and 3,330 responded for a 73% response rate. Approximately 65% of responding hunters used the Internet to respond.

The fall season ran from October 1 through January 31, a total of 123 days. Respondents reported hunting an average of 3.15 days, which projected to a total of 15,155 recreation days for the season.

Harvest projections indicated 2,497 toms were taken along with 1,838 hens for a total of 4,335 turkeys. The estimated success rate for the season was 41%. The mean satisfaction score reported by hunters was 5.13 (1 representing "very dissatisfied" and 7 representing "very satisfied").

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

Summary comparison of the 2002-2011 Fall Prairie Turkey seasons

Year	Licenses	Tags	HARVEST				Avg Days	Average
	Sold	Sold	Toms	Hens	Total	%Success	Hunted	Satisfactn
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
2011	5,649	10,662	2,497	1,838	4,335	41%	3.15	5.13

2011 Fall Prairie Turkey Harvest Projections

Unit	Licenses											Harvest Projections			Avg Days Hunted	Mean Satisfactn Score	
	Hunters	Resident				Nonresident				Tags Sold	Response Rate	Unit/Subunit Success	Toms	Hens			Total Harvest
		Appl. 1st Choice *	Avail.	Sold	Choice *	Avail.	Sold										
Bon Homme	176	76	200	195	N/A	0	5	400	75%	#	41%	85	80	165	3.5	5.3	
Brookings	38	15	50	44	N/A	0	0	44	76%	#	45%	13	7	20	4.9	3.7	
Brule	71	19	150	86	N/A	0	1	87	72%	#	50%	31	13	43	3.6	5.1	
Charles Mix/Douglas	310	122	350	345	N/A	0	4	698	77%	#	26%	100	83	183	2.6	5.0	
Clay	50	27	50	50	N/A	0	0	100	82%	#	22%	15	7	22	3.0	4.6	
Davison/Hanson	59	57	60	59	N/A	0	0	118	78%	#	27%	23	9	32	2.9	5.3	
Deuel	50	54	50	50	N/A	0	0	50	82%	#	32%	16	0	16	3.8	4.6	
Hughes	30	4	60	32	N/A	0	1	33	80%	#	19%	4	3	6	1.9	5.3	
Hutchinson	31	14	30	31	N/A	0	0	31	90%	#	32%	8	2	10	2.8	4.6	
Lincoln	80	58	80	80	N/A	0	0	160	69%	#	21%	20	13	33	5.1	4.3	
Minnehaha	70	52	70	70	N/A	0	0	70	78%	#	9%	4	3	6	2.9	4.7	
Moody	20	16	20	20	N/A	0	0	20	90%	#	28%	4	1	6	2.6	4.6	
Turner	27	3	30	30	N/A	0	0	30	37%	#	9%	3	0	3	4.1	3.5	
Union	80	49	80	81	N/A	0	0	162	89%	#	21%	15	19	34	6.1	4.8	
Yankton	142	62	150	150	N/A	0	0	150	76%	#	32%	29	18	47	4.0	5.1	
Northeast Unit	802	180	2,000	931	N/A	0	22	1,785	73%	#	33%	367	229	596	3.9	4.8	
West River Unit	2,775	956	Unitd	2,959	148	Unitd	403	6,724	71%	#	46%	1,761	1,352	3,113	2.7	5.3	
Totals	4,811	1,764	3,430	5,213	148	0	436	10,662	72.9%	#	40.7%	2,497	1,838	4,335	3.15	5.13	

The response rate for all units combined was: **73%**

* 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.

2011 Fall WR Unit Turkey Harvest Distribution

Last Revised:

04-May-12

County	Reported Harvest			Projected Harvest			%
	Toms	Hens	Total	Toms	Hens	Total	
Pennington	41	23	64	66	37	103	3.3%
Lawrence	12	8	20	19	13	32	1.0%
Bennett	42	31	73	68	50	118	3.8%
Butte	39	37	76	63	60	123	3.9%
Corson	28	25	53	45	40	85	2.7%
Custer	15	6	21	24	10	34	1.1%
Dewey	59	38	97	95	61	157	5.0%
Fall River	23	21	44	37	34	71	2.3%
Gregory	139	120	259	225	193	418	13.4%
Haakon	61	45	106	99	72	171	5.5%
Harding	27	9	36	44	14	58	1.9%
Jackson	41	31	72	66	50	116	3.7%
Jones	10	16	26	16	26	42	1.3%
Lyman	80	70	150	129	113	242	7.8%
Meade	79	68	147	128	109	237	7.6%
Mellette	207	185	392	334	298	632	20.3%
Perkins	24	10	34	39	16	55	1.8%
Stanley	11	5	16	18	8	26	0.8%
Tripp	86	65	151	139	105	244	7.8%
Ziebach	22	3	25	36	5	40	1.3%
Shannon	8	5	13	13	8	21	0.7%
Todd	36	19	55	58	31	89	2.9%
Unknown	55	39	94				
TOTALS	1,145	879	2,024	1,761	1,352	3,113	

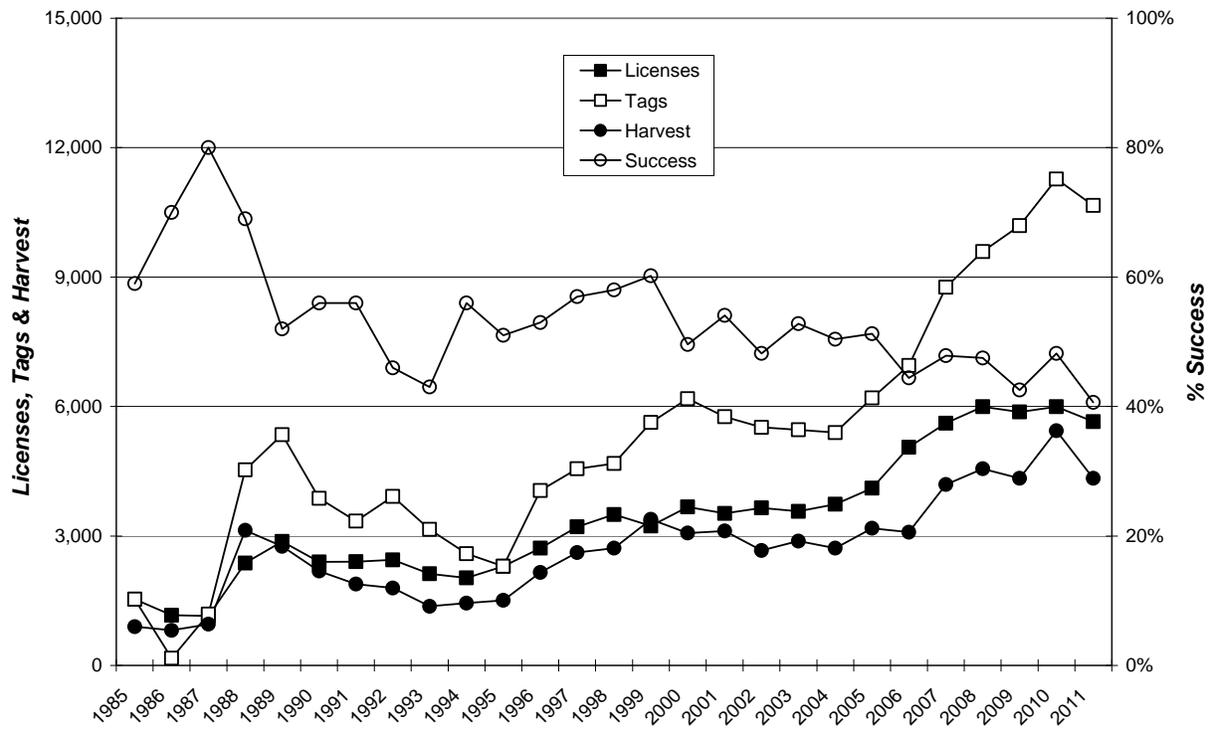
Any by county projected harvest values will differ from by unit projected harvest values due to incorrect sampling proportions within counties.

Use these figures for approximations only!

2011 Harvest Distribution for the Northeast Prairie Unit (NE1)

County	Reported Harvest		Projected Harvest		% of Total Toms	% of Total Hens
	Toms	Hens	Toms	Hens		
Codington	16	14	23	20	6.2%	8.7%
Day	19	7	27	10	7.4%	4.3%
Grant	74	57	105	81	28.7%	35.4%
Marshall	41	23	58	33	15.9%	14.3%
Roberts	108	60	154	85	41.9%	37.3%
Total	258	161	367	229	100.0%	100.0%

Fall Prairie Turkey 1985-2011



FALL BLACK HILLS TURKEY

There were 3,098 Fall Black Hills Turkey licenses (2,977 resident, 121 nonresident) sold in South Dakota for the 2011 season. All were single tag licenses valid for either a tom or a hen.

Of the 997 license-holders that were sampled, 689 responded for a 69% response rate. Approximately 63% of responding hunters used the Internet to respond.

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 3.89 days, which projected to a total of 9,410 recreation days for the season.

An estimated 537 toms were harvested along with 513 hens, a total of 1,050 turkeys. The overall estimated success rate for the season was 34%. The mean satisfaction score reported by hunters was 4.85 (1 representing "very dissatisfied" and 7 representing "very satisfied").

Summary comparison of the 2001-2011 Fall Black Hills Turkey seasons

YEAR	LICENSES SOLD		HARVEST				Avg Days	Average
	Resident	Nonresid	Toms	Hens	Total	%Success	Hunted	Satisfaction
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
2011	2,977	121	537	513	1,050	34%	3.89	4.85

2011 Fall Black Hills Turkey Harvest Projections

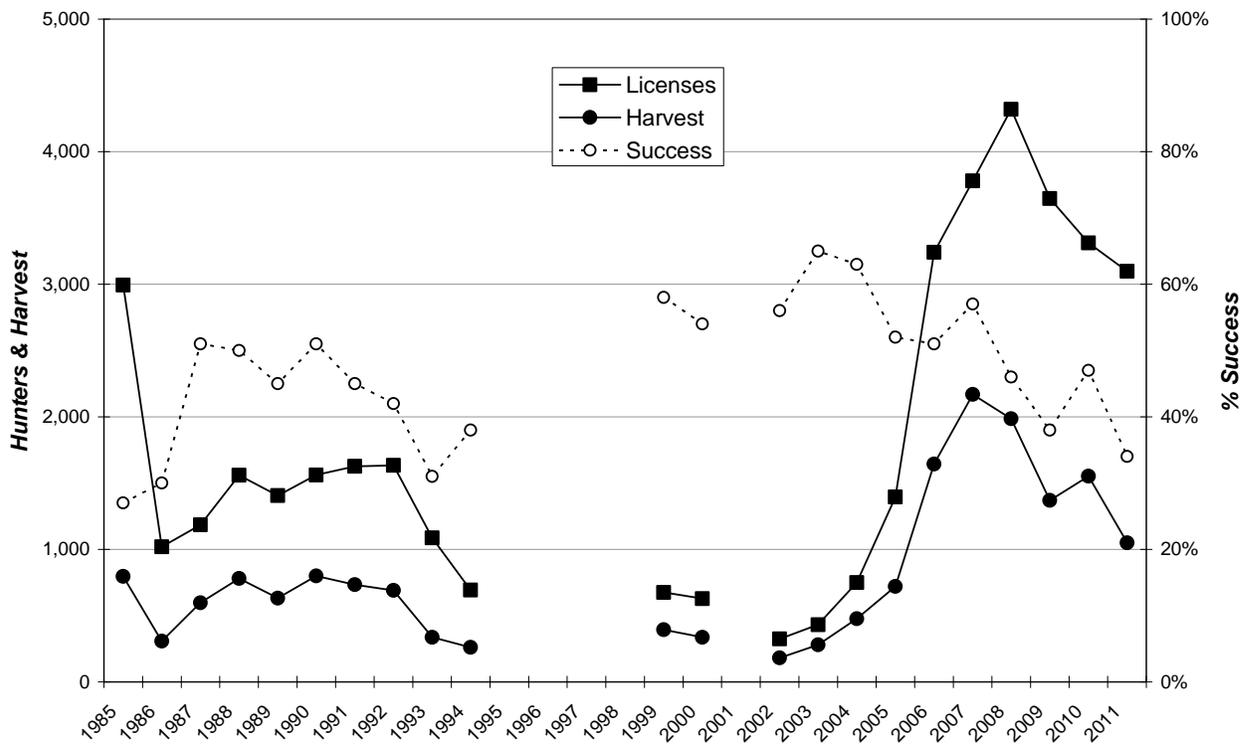
Last Revised:
04-May-12

Unit/Type	Licenses								Response Rate	Unit Success	Harvest Projections			Average Days Hunted	Mean Satisfctn Score
	Resident				Nonresident						Toms	Hens	Total Harvest		
	Hunters	Appl. 1st Choice *	Avail.	Sold	Appl. 1st Choice *	Avail.	Sold								
BH1-31	2,419	1,132	3,000	2,977	49	240	121	69% #	34%	537	513	1,050	3.89	4.85	

* 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 1985-2011



FALL MENTORED YOUTH TURKEY

There were 442 Fall Mentored Youth Turkey licenses sold in South Dakota for the 2011 season. All were single tag licenses valid for either a tom or a hen. All mentors/hunters were surveyed and 319 responses (73%) were received. Approximately 66% of responding mentors/hunters used the Internet to respond.

The fall season ran from October 1 through January 31, a total of 123 days. Respondents reported hunting an average of 2.24 days, which projected to a total of 990 recreation days for the season.

An estimated 65 toms were harvested along with 51 hens, a total of 116 turkeys. The overall projected success rate for this season was 26%. The mean satisfaction score reported by hunters was 5.34 (1 representing "very dissatisfied" and 7 representing "very satisfied").

The five counties with the highest reported harvest were Pennington, Custer, Gregory, Meade, and Butte.

Summary comparison of the 2008-2011 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
2011	442	65	51	116	26%	2.24	5.34

2011 Fall Youth Turkey Harvest Projections

Last Revised:
04-May-12

Unit/Type	Licenses		Response Rate	Unit Success	Harvest Projections			Average Days Hunted	Mean Satisfctn Score
	Avail.	Sold			Toms	Hens	Total Harvest		
ST1-31	Unlim	442	73% #	26%	65	51	116	2.24	5.34

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 2012-05 - 2011 Big Game Harvest Projections
 Corey Huxoll

2011 Fall Mentored Turkey Harvest Distribution

Last Revised:
 04-May-12

County	Reported Harvest			Projected Harvest			%
	Toms	Hens	Total	Toms	Hens	Total	
Minnehaha	1	1	2	1	1	3	2.4%
Pennington	5	8	13	7	11	18	15.5%
Brown	0	0	0	0	0	0	0.0%
Beadle	0	0	0	0	0	0	0.0%
Codington	1	1	2	1	1	3	2.4%
Brookings	1	0	1	1	0	1	1.2%
Yankton	2	2	3	2	2	4	3.6%
Davison	1	1	2	1	1	3	2.4%
Lawrence	2	2	4	3	2	6	4.8%
Aurora	0	0	0	0	0	0	0.0%
Bennett	0	1	1	0	1	1	1.2%
Bon Homme	1	0	1	1	0	1	1.2%
Brule	0	1	1	0	1	1	1.2%
Buffalo	0	0	0	0	0	0	0.0%
Butte	2	3	5	3	4	7	6.0%
Campbell	0	0	0	0	0	0	0.0%
Charles Mix	0	1	1	0	1	1	1.2%
Clark	0	0	0	0	0	0	0.0%
Clay	2	0	2	3	0	3	2.5%
Corson	1	0	1	1	0	1	1.2%
Custer	3	3	6	4	4	8	7.2%
Day	0	0	0	0	0	0	0.0%
Deuel	0	1	1	0	1	1	1.2%
Dewey	2	2	3	2	2	4	3.6%
Douglas	1	0	1	1	0	1	1.2%
Edmunds	0	0	0	0	0	0	0.0%
Fall River	1	1	2	2	1	3	2.4%
Faulk	0	0	0	0	0	0	0.0%
Grant	0	3	3	0	4	4	3.5%
Gregory	4	1	5	6	1	7	6.1%
Haakon	4	0	4	6	0	6	5.0%
Hamlin	0	0	0	0	0	0	0.0%
Hand	0	0	0	0	0	0	0.0%
Hanson	1	0	1	1	0	1	1.2%
Harding	1	0	1	1	0	1	1.2%
Hughes	0	1	1	0	1	1	1.2%
Hutchinson	0	1	1	0	1	1	1.2%
Hyde	0	0	0	0	0	0	0.0%
Jackson	0	0	0	0	0	0	0.0%
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	1	1	0	1	1	1.2%
Lyman	0	0	0	0	0	0	0.0%
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	1.2%
Meade	4	1	5	6	1	7	6.1%
Mellette	0	0	0	0	0	0	0.0%
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	1.2%
Potter	0	0	0	0	0	0	0.0%
Roberts	3	1	4	4	2	6	4.9%
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	1	1	2	2	1	3	2.4%
Turner	0	0	0	0	0	0	0.0%
Union	0	0	0	0	0	0	0.0%
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	1	0	1	1	0	1	1.2%
Unknown	2	-1	1				
TOTALS	47	37	84	65	51	116	

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 1,555 archery antelope licenses issued in 2011 (1,246 resident and 309 nonresident) making up 2,141 tags. The three-tag licenses that were available for this season for the previous two years were replaced with two-tag licenses. Approximately 87% of all license holders were sampled and the survey response rate was 59%, with all hunters responding over the Internet.

The overall success rate for the archery season was projected to be 16%, with 258 bucks, 46 does, 23 buck-kids, and 10 doe-kids harvested. The archery season ran from August 20 through October 31, except when and where a state firearm antelope season was open. Of the 19 counties where antelope were reported harvested, Harding and Butte Counties accounted for just over 50% of all harvest.

Average hunter satisfaction was 4.48 and was based on a numerical scale from 1 (very dissatisfied) to 7 (very satisfied), 4 being neutral.

2011 Archery Antelope Harvest Projections

Last Revised: 12/14/2011

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	Bucks	Does	Kids	Kids	Total Harvest			
ST1-41	Unlmt	744	Unlmt	225	969	57%	22%	22%			181	16	10	2	210	4.45	4.01
ST1-48	Unlmt	502	Unlmt	84	1,172	61%	11%	19%	3%		77	30	13	8	128	4.53	4.44
Totals		1,246		309	2,141	58.5%	16%				258	46	23	10	337	4.48	4.18

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.

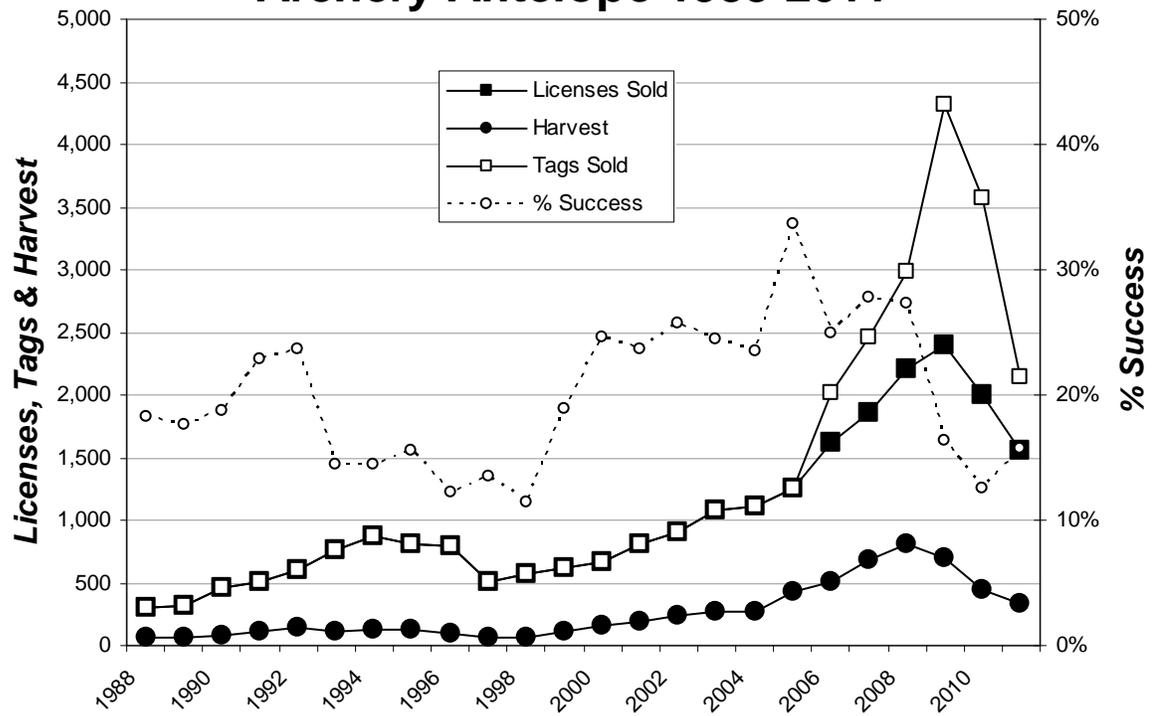
Harvest summaries for 2002-2011 Archery Antelope

YEAR	Licenses Sold		Harvest		Success	Avg. Days Hunted	Average Satisfaction
	Resident	Nonresident	Bucks	Does			
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
2011	1,246	309	281	56	16%	4.18	4.48

Distribution of 2011 Archery Antelope harvest by county

County	No. Reports	% of Total	County	No. Reports	% of Total	County	No. Reports	% of Total
Harding	42	29.4%	Custer	4	2.8%	Corson	1	0.7%
Butte	30	21.0%	Haakon	2	1.4%	Jones	1	0.7%
Pennington	15	10.5%	Potter	2	1.4%	Sully	1	0.7%
Meade	14	9.8%	Stanley	2	1.4%	Walworth	1	0.7%
Fall River	11	7.7%	Tripp	2	1.4%	Ziebach	1	0.7%
Perkins	7	4.9%	Lawrence	1	0.7%			
Jackson	5	3.5%	Campbell	1	0.7%	Total	143	

Archery Antelope 1988-2011



FIREARM ANTELOPE

A total of 5,941 licenses were available (5,495 resident, 446 nonresident) for the 2011 Firearm Antelope hunting season. A total of 6,209 licenses were sold (5,752 resident, 457 nonresident) representing 8,898 total tags. The 2011 season was open 16 days from October 1-16.

A random sample of 3,279 hunters was taken from total license sales and 2,675 surveys were returned for an 82% response rate. Approximately 63% of surveyed hunters responded through the Internet.

Respondents reported hunting an average of 2.18 days each, which projected to 13,434 total recreation days for the season. Of those responding, 11.9% reported they did not hunt at all.

The harvest projection for the season was 2,314 adult bucks, 1,710 adult does, 209 kid bucks, and 261 kid does for a total of 4,493 antelope. The projected overall success for the season was 50%.

Harvest summaries for the 2000-2011 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
2011	5,752	457	2,523	1,971	4,493	50%	2.18	4.54

2011 Firearm Antelope Harvest Projections

Last Revised: 11 Jan 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	Bucks	Does	Bucks	Does	
Butte NW	15A	41	541	350	350	56	28	28	66%		192	37	8	13	250
Butte/Lawrence	15B	41	773	400	404	72	32	32	57%		216	21	6	3	247
Harding W	35A	41	540	300	300	141	24	24	66%		178	22	12	0	213
Harding E	35B	41	360	200	203	47	16	16	60%		114	14	2	2	132
Meade N	49A	41	672	300	300	74	24	23	63%		156	44	4	0	203
	49A	43	18	150	152	21	12	12	72%		0	90	12	16	119
Meade S	49B	41	318	300	300	26	24	24	64%		155	42	13	0	209
	49B	43	11	100	96	4	8	10	40%		0	34	8	0	43
Perkins N	53A	41	120	50	50	16	4	4	59%		23	6	0	2	32
Perkins S	53B	41	288	100	100	37	8	8	59%		49	9	4	1	63
Pennington E	02A	41	240	150	150	14	12	11	62%		86	14	0	0	100
Bennett/Shannon	11A	48	136	100	100	10	8	7	64%	40%	70	40	4	3	117
	11A	49	4	50	43	0	4	11	46%	33%	0	32	5	8	45
Corson	20A	41	101	50	50	10	4	4	35%		15	4	0	0	19
Custer E /Penn C	21A	48	388	125	125	16	10	10	73%	46%	104	57	0	3	162
	21A	49	21	50	50	4	4	4	65%	42%	0	48	0	8	58
Dewey	24A	41	42	50	50	2	4	4	36%		17	2	0	0	20
F River/Custer SW	27A	48	1,662	600	602	209	48	47	62%	46%	353	245	35	42	697
	27A	49	78	600	600	125	48	48	60%	33%	13	461	53	109	616
Haakon	31A	48	141	150	150	16	12	12	58%	51%	80	82	5	7	174
Hughes/Hyde	36A	41	69	60	62	3	5	3	53%		28	5	1	0	35
Jackson	39A	41	205	100	100	19	8	8	54%		44	11	6	0	59
	39A	43	4	100	99	2	8	9	34%		0	30	0	6	37
Jones	41A	48	136	150	150	17	12	12	38%	32%	56	51	6	6	119
	41A	49	6	30	28	5	3	3	23%	15%	0	13	0	0	13
Lyman	45A	48	102	100	102	5	8	6	30%	26%	30	22	2	5	59
	45A	49	8	50	38	2	4	8	29%	11%	0	16	0	2	18
Ft Pr Nat Grslnd	45B	41	196	20	23	6	2	2	55%		10	1	1	0	14
	45B	43	24	60	60	9	5	5	40%		0	22	3	3	26
Mellette	50A	48	114	100	100	9	8	8	54%	28%	53	31	0	2	86
	50A	49	8	50	42	5	4	12	41%	21%	0	29	2	2	33
Stanley	58A	43	5	40	36	3	4	8	58%		0	18	2	6	25
	58A	48	111	80	81	10	7	7	47%	29%	37	26	0	2	65
Sully	59A	48	86	40	40	3	4	4	72%	13%	36	5	0	0	40
	59A	49	2	40	42	6	4	2	48%	28%	0	31	0	3	36
Tripp	60A	48	65	30	32	0	3	1	68%	20%	23	8	0	0	31
	60A	49	3	20	13	3	2	2	60%	30%	0	10	3	3	15
Walworth/Potter	63A	41	60	20	21	1	2	1	52%		9	1	1	0	11
	63A	43	6	30	32	1	3	1	19%		0	6	0	0	6
Ziebach	64A	41	163	200	200	14	16	16	51%		84	20	4	2	110
Landowner Own Land	ST1	41	NA	Unltd	129	NA	0	0	37%		36	7	2	4	48
	ST1	48	NA	Unltd	147	NA	0	0	40%	24%	47	40	6	0	93
Totals			7,827	5,495	5,752	1,023	446	457	55%	37%	2,314	1,710	209	261	4,493
									52%	29%					

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

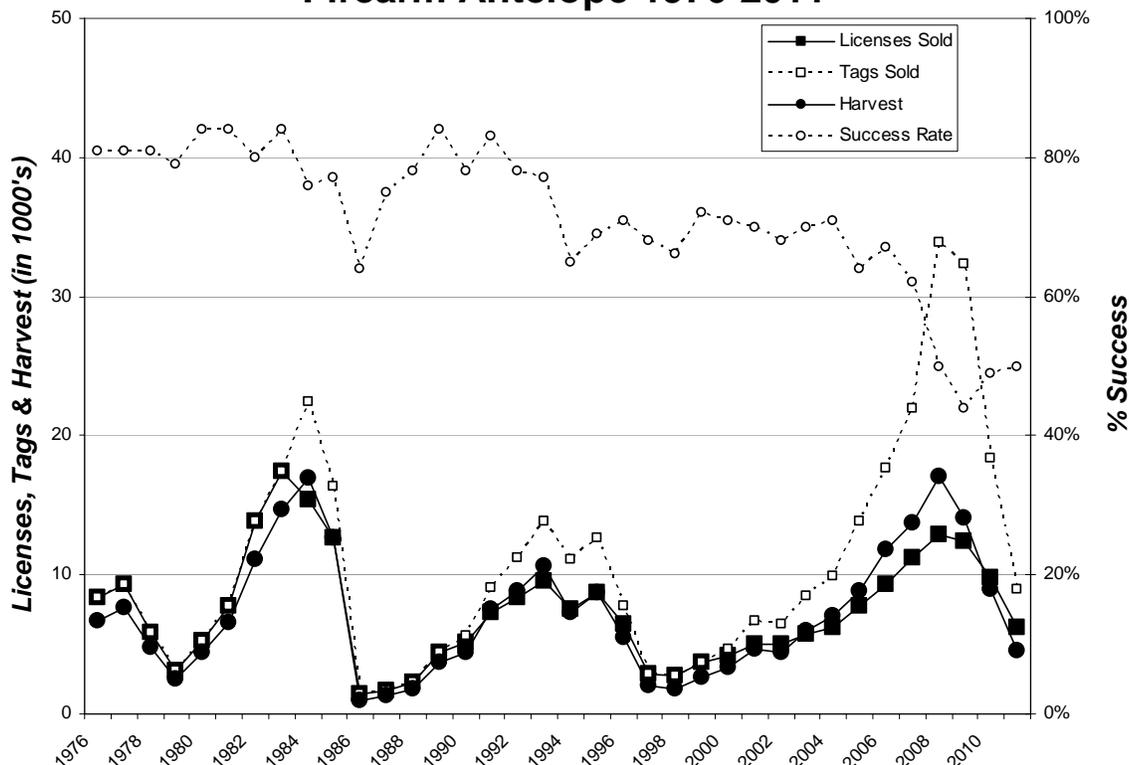
2011 Firearm Antelope Harvest Projections

Last Revised: 18 Jan 2012

Unit	Hunters	Residents		Nonresidents		Tags Sold	Response Rate	Unit/Subunit	Harvest Projections				Total Harvest	Avg Satisf Score	Avg Days Hunted	
		Available	Sold	Available	Sold				Success	Bucks	Does	Bucks				Does
Bennett/Shannon	159	150	143	12	18	322	76%	#	51%	70	72	9	11	163	5.14	2.12
Butte NW	378	350	350	28	28	378	87%		66%	192	37	8	13	250	4.94	1.96
Butte/Lawrence	436	400	404	32	32	436	85%		57%	216	21	6	3	247	4.59	2.08
Corson	54	50	50	4	4	54	94%		35%	15	4	0	0	19	3.89	2.08
Custer E /Penn C	189	175	175	14	14	378	85%	#	58%	104	105	0	11	220	5.07	2.63
Dewey	54	50	50	4	4	54	81%	#	36%	17	2	0	0	20	4.15	1.73
Fall River /Custer SW	1,297	1,200	1,202	96	95	2,594	83%	#	51%	366	706	89	152	1,313	4.75	2.48
Ft Pr Nat Grslnd	90	80	83	7	7	90	78%	#	44%	10	23	4	3	40	3.56	2.77
Haakon	162	150	150	12	12	324	82%	#	54%	80	82	5	7	174	5.46	2.32
Harding E	219	200	203	16	16	219	86%		60%	114	14	2	2	132	4.73	1.84
Harding W	324	300	300	24	24	324	86%		66%	178	22	12	0	213	4.80	1.76
Hughes/Hyde	65	60	62	5	3	65	92%		53%	28	5	1	0	35	4.88	2.05
Jackson	201	200	199	16	17	216	87%		44%	44	41	6	6	96	3.91	2.27
Jones	189	180	178	15	15	386	80%	#	34%	56	64	6	6	131	3.80	2.81
Lyman	152	150	140	12	14	308	83%	#	25%	30	38	2	7	77	3.58	2.18
Meade N	487	450	452	36	35	487	85%		66%	156	133	16	16	321	4.54	1.74
Meade S	421	400	396	32	34	430	85%		58%	155	76	20	0	251	4.44	2.32
Mellette	158	150	142	12	20	324	82%	#	37%	53	60	2	3	119	4.30	2.01
Pennington E	161	150	150	12	11	161	81%	#	62%	86	14	0	0	100	4.85	1.91
Perkins N	54	50	50	4	4	54	81%	#	59%	23	6	0	2	32	4.43	2.16
Perkins S	108	100	100	8	8	108	89%		59%	49	9	4	1	63	4.01	1.80
Stanley	128	120	117	11	15	220	84%	#	41%	37	44	2	8	90	4.88	2.27
Sully	83	80	82	8	6	176	76%	#	43%	36	37	0	3	75	4.53	2.29
Tripp	47	50	45	5	3	96	80%	#	48%	23	18	3	3	46	5.44	2.68
Walworth/Potter	54	50	53	5	2	55	83%	#	32%	9	8	1	0	18	3.94	2.12
Ziebach	216	200	200	16	16	216	84%	#	51%	84	20	4	2	110	4.15	2.03
Landowner Own Land	276	Unltd	276	0	0	423	57%	#	33%	83	47	7	4	141	4.46	2.41
Totals	6,162	5,495	5,752	446	457	8,898	81.6%	#	50%	2,314	1,710	209	261	4,493	4.54	2.18
										51.5%	38.0%	4.6%	5.8%	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: 81.6%
 Satisfaction is based on a scale of 1-7, where "1" is very dissatisfied, "4" is neutral and "7" is very satisfied.

Firearm Antelope 1976-2011



MENTORED YOUTH ANTELOPE

There were 273 resident single-tag doe/kid licenses issued for the 2011 Mentored Youth Antelope hunting season. All mentors/hunters with email addresses were sampled (254) and 179 responses (70%) were received. Approximately 84% of responding mentors/hunters used the Internet to respond.

The Mentored Youth licenses were valid during the Archery and Firearm Antelope seasons. The Archery season ran from August 20 through October 31, except when and where a state firearm antelope season was open. The Firearm Antelope season was open 16 days from October 1-16.

Respondents reported hunting an average of 1.50 days each, which projected to 410 recreation days for the season.

Projections for the season estimated that a total of 17 buck kids, 67 doe adults and 3 doe kids were harvested. The total harvest for the Mentored Youth Antelope season was 87, and the overall success rate was 32%. 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 5.31.

Summary for the 2008-2011 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	
2011	273	17	67	3	87	32%	1.50	5.31	

2011 Mentored Youth Antelope Harvest Projections

Last Revised: 28-Dec-11		Harvest Projections							Avg Satisfctn	Avg Days Hunted
Unit/Type	Available	Sold	Response Rate	Unit Success	Does	Doe Kids	Buck Kids	Total Harvest	Score	Hunted
ST1-43	Unlimited	273	70% #	32%	67	3	17	87	5.31	1.50

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.

2011 Mentored Antelope Harvest Distribution

Last Revised:

28-Dec-11

County	Reported Harvest				Projected Harvest			Total	
	Does	Doe Kids	Buck Kids	Total	Does	Doe Kids	Buck Kids	Projected	%
Pennington	7	0	1	8	11	0	2	13	14.6%
Lawrence	1	0	0	1	2	0	0	2	1.8%
Bennett	0	0	1	1	0	0	2	2	1.8%
Butte	9	1	3	13	14	2	5	20	23.6%
Corson	0	0	0	0	0	0	0	0	0.0%
Custer	1	0	0	1	2	0	0	2	1.8%
Dewey	1	0	0	1	2	0	0	2	1.8%
Fall River	5	0	2	7	8	0	3	11	12.7%
Gregory	0	0	0	0	0	0	0	0	0.0%
Haakon	0	0	1	1	0	0	2	2	1.8%
Harding	6	0	1	7	10	0	2	11	12.8%
Hughes	0	0	0	0	0	0	0	0	0.0%
Hyde	0	0	0	0	0	0	0	0	0.0%
Jackson	1	0	1	2	2	0	2	3	3.6%
Jones	0	0	0	0	0	0	0	0	0.0%
Lyman	1	0	0	1	2	0	0	2	1.8%
Meade	3	0	1	4	5	0	2	6	7.3%
Mellette	1	0	0	1	2	0	0	2	1.8%
Perkins	2	0	0	2	3	0	0	3	3.7%
Potter	0	0	0	0	0	0	0	0	0.0%
Stanley	1	0	0	1	2	0	0	2	1.8%
Sully	1	0	0	1	2	0	0	2	1.8%
Tripp	1	0	0	1	2	0	0	2	1.8%
Walworth	0	0	0	0	0	0	0	0	0.0%
Ziebach	1	1	0	2	2	2	0	3	3.6%
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	44	2	11	57	67	3	17	87	

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 126 resident licenses were issued for the 2011 Archery Elk season. All license holders were sent a survey at the end of the season and 112 responded for an 88.9% response rate. Approximately 70% of responding hunters used the Internet.

Respondents reported hunting an average of 11.42 days for a total of 1,439 days of recreation. The projected harvest was 24 bulls and 8 cows for an overall success rate of 25%.

Hunter satisfaction was based on a numerical scale from 1 (very dissatisfied) to 7 (very satisfied) and averaged 5.01 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 2002-2011 Archery Elk seasons

Year	# Apps 1 st Choice	Licenses Sold	Harvest			Success Rate	Avg. Days Hunted	Average Satisfaction
			Bulls	Cows	Total			
2002	1,846	151	34	14	49	32%	11.41	5.56
2003	2,020	192	48	10	58	30%	11.29	5.53
2004	2,277	192	47	12	59	31%	10.95	5.49
2005	2,844	267	42	14	56	21%	10.10	5.39
2006	3,116	247	30	17	47	19%	10.00	5.12
2007	3,491	237	41	22	63	27%	10.58	5.27
2008	3,660	202	47	9	56	28%	10.87	5.31
2009	3,826	185	52	9	61	33%	10.29	5.52
2010	3,761	144	34	6	40	28%	11.88	5.16
2011	3,486	126	24	8	32	25%	11.42	5.01

2011 Archery Elk Harvest Projections

Last Revised: 14 Mar 2012

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	591	25	25	96%	8%	2	0	0	0	2	4	4.7	10.7	22	0	0
H1A-23	5	20	20	80%	# 25%	0	5	0	0	5	1	4.7	8.6	19	0	0
H2A-21	2,413	40	40	93%	38%	15	0	0	0	15	10	5.9	12.9	40	0	0
H2A-23	13	10	10	70%	# 14%	0	1	0	0	1	0	4.7	11.0	9	0	0
H3A-21	344	15	15	87%	38%	5	1	0	0	6	5	4.6	13.2	13	0	1
H3A-23	1	5	5	100%	0%	0	0	0	0	0	0	4.2	10.6	4	0	1
H5A-21	22	2	2	100%	50%	1	0	0	0	1	0	1.5	13.0	2	0	0
H7A-21	69	5	5	80%	# 25%	1	0	0	0	1	1	3.3	13.5	5	0	0
30A-21	26	2	2	100%	0%	0	0	0	0	0	0	4.0	10.5	0	1	1
30A-23	2	2	2	100%	0%	0	0	0	0	0	0	5.0	3.0	0	0	1
3,486	126	126	88.9%	25.1%		24	8	0	0	32	21	4.95	11.42	113	1	5

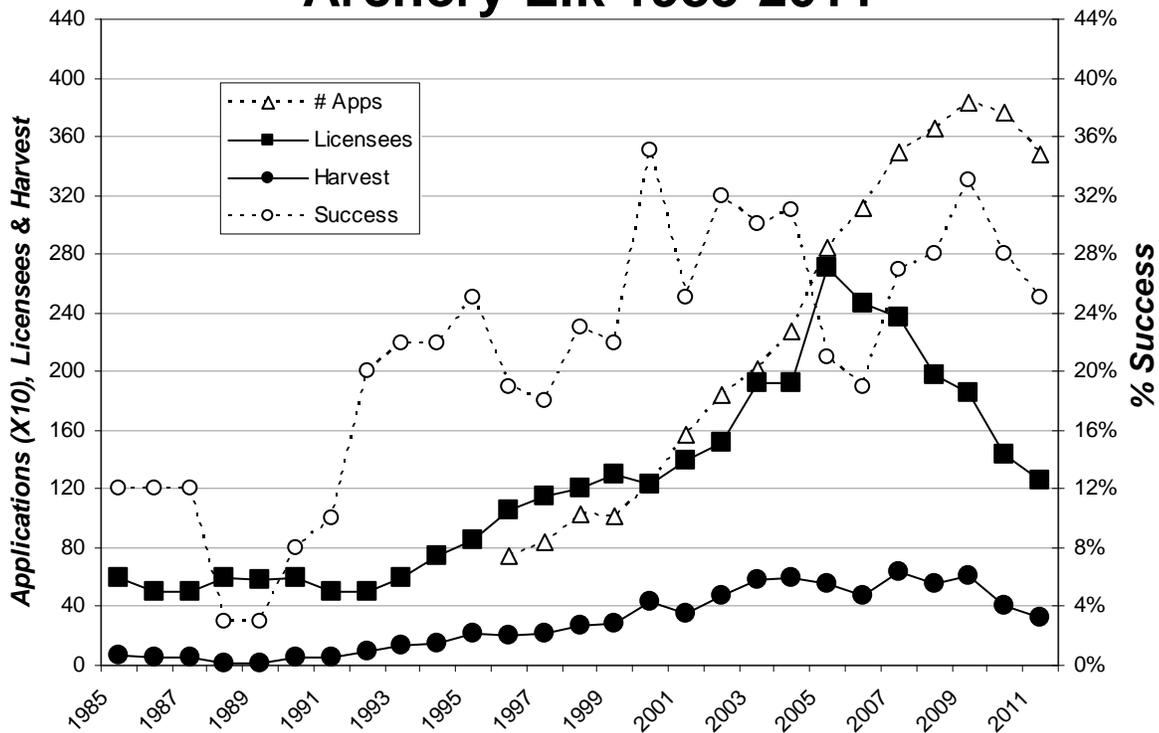
The response rate for all units combined is: 88.9%

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.

Archery Elk 1985-2011



BLACK HILLS FIREARM ELK

A total of 866 licenses were issued for the 2011 Black Hills Firearm Elk season. All license holders were sent a survey at the end of the season and 747 responded for an 87% response rate (2 surveys were undeliverable). Approximately 70% responded using the Internet.

Respondents reported hunting an average of 6.80 days which projects to a total of 5,889 days of recreation for the season. The projected harvest was 299 bulls and 173 cows for an overall success rate of 54.5%.

Hunter satisfaction was based on a numerical scale from 1 (very dissatisfied) to 7 (very satisfied) and averaged 4.64 for the season. Approximately 86% of responding hunters reported hunting on public land, 8% on private land they did not own, and 7% on private land they owned.

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 2002-2011 Black Hills Firearm Elk seasons

Year	# Apps 1 st Choice	Licenses Sold	Harvest			Success Rate	Avg. Days Hunted	Average Satisfaction
			Bulls	Cows	Total			
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
2011	11,031	866	299	173	472	55%	6.80	4.64

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

2011 Black Hills Firearm Elk Harvest Projections

Last Revised: 14 Mar 2012

Unit/Type	Resident Licenses					Harvest Projections					Elk Shot Not Recovered	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				Public	Own	Other
H1A-21	1,334	100	99	90%	53%	48	3	1	0	52	3	3.73	9.8	93	4	0
H1C-23	42	100	100	86%	33%	0	27	3	2	33	3	4.05	5.7	93	1	1
H2A-21	7,522	200	199	92%	80%	150	10	0	0	160	15	5.61	6.3	185	8	4
H2C-23	158	70	74	78% #	48%	0	33	0	3	36	3	4.83	6.5	67	0	3
H2E-23	106	60	60	88%	74%	0	43	0	1	44	1	5.60	5.0	54	1	1
H3A-21	1,407	125	125	89%	66%	71	8	2	1	82	5	4.78	7.9	87	27	11
H3C-23	13	15	14	86%	33%	0	4	1	0	5	0	4.67	7.9	12	0	1
H3E-23	57	120	120	80% #	30%	1	31	4	0	36	6	3.73	6.2	88	0	21
H4A-21	69	20	20	75% #	27%	4	1	0	0	5	0	2.71	6.3	1	8	9
H4C-23	6	20	20	75% #	27%	0	4	1	0	5	0	3.71	2.9	5	0	13
H5A-21	59	10	10	70% #	29%	3	0	0	0	3	0	4.00	11.0	6	3	1
H7A-21	230	10	10	90%	78%	8	0	0	0	8	0	5.89	6.6	9	1	0
H7C-23	2	5	5	100%	20%	0	1	0	0	1	0	5.60	8.8	5	0	0
H9A-21	25	5	5	100%	20%	1	0	0	0	1	0	3.80	5.2	1	2	2
H9C-23	1	5	5	100%	20%	0	1	0	0	1	0	3.33	6.8	3	0	0
TOTAL	11,031	865	866	86.5%	54.5%	286	166	13	7	472	37	4.64	6.80	714	56	65

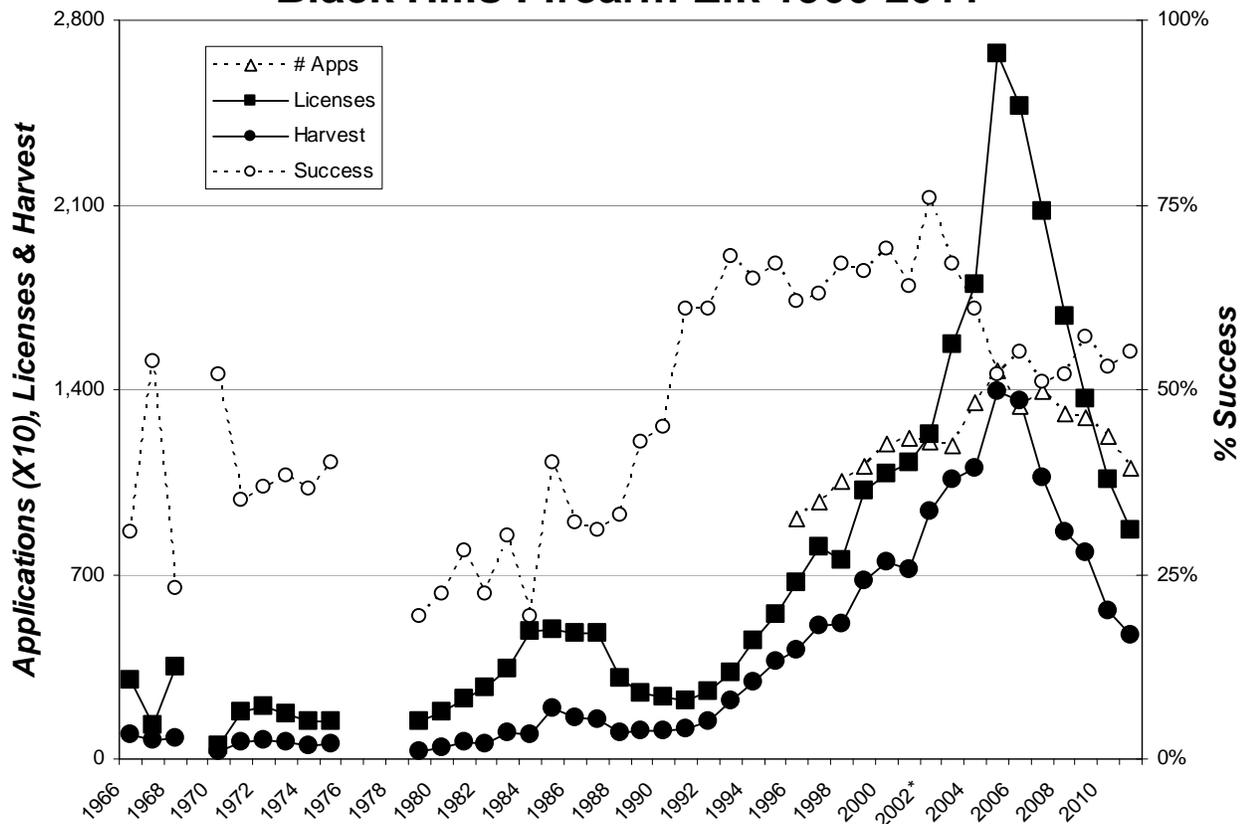
The response rate for all units combined is: 86.5%

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.

Black Hills Firearm Elk 1966-2011



PRAIRIE FIREARM ELK

A total of 128 licenses were issued for the 2011 Prairie Firearm Elk season. All license holders were sent a survey at the end of the season and 108 responded for an 84.4% response rate. Approximately 70% responded using the Internet.

Respondents reported hunting an average of 4.03 days for a total of 516 days of recreation. The projected harvest was 20 bulls and 15 cows for an overall success rate of 27%.

Hunter satisfaction was based on a numerical scale from 1 (very dissatisfied) to 7 (very satisfied) and averaged 4.02 for the season.

Approximately 75% of responding hunters reported hunting mostly on private land they did not own, 9% on public land and 16% on private land they owned.

Summary comparison for 2002-2011 Prairie Firearm Elk seasons

YEAR	Licenses	Harvest			Success	Avg. Days Hunted	Average Satisfaction
	Sold	Bulls	Cows	Total			
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
2011	128	20	15	35	27%	4.03	4.02

2011 Prairie Firearm Elk Harvest Projections

Last Revised: 14 Mar 2012

Unit/Type	Resident Licenses			Harvest Projections							Elk Shot Not Recovered	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				Public	Own	Other
09A-21	362	15	15	73%	# 36%	3	1	1	0	5	0	2.9	7.3	1	4	8
09A-23	13	15	15	100%	0%	0	0	0	0	0	0	2.2	3.9	0	1	4
11A-23	11	20	20	90%	22%	0	4	0	0	4	0	3.6	2.9	2	1	10
11B-21	344	14	14	79%	# 64%	8	0	1	0	9	1	4.7	7.8	0	5	9
11B-23	8	10	10	90%	22%	0	2	0	0	2	0	4.1	4.6	0	0	10
11C-21	141	8	8	75%	# 33%	3	0	0	0	3	3	4.7	4.7	0	3	5
11C-23	6	8	8	75%	# 17%	0	1	0	0	1	0	5.0	2.7	0	0	5
15A-21	251	10	10	80%	# 50%	4	0	0	1	5	0	5.0	5.9	1	3	6
15A-23	16	20	20	85%	24%	0	4	0	1	5	0	5.5	4.2	0	2	11
30A-21	194	2	2	50%	# 0%	0	0	0	0	0	0	1.0	8.0	0	0	2
30A-23	6	6	6	100%	0%	0	0	0	0	0	0	1.8	14.0	3	0	2
TOTAL	1,352	128	128	84.4%	# 27.1%	17	13	3	2	35	4	4.02	4.03	7	13	59

The response rate for all units combined is: 84.4%

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 73,722 resident deer licenses (plus unlimited licenses) available in 2011 and 116,049 were issued. Nonresidents had 2,884 licenses (plus unlimited licenses) available and 10,679 were issued. Statewide, there were a total of 126,728 licenses sold that represented a total of 200,406 tags, a decrease in 3,624 licenses and 2,969 tags from 2010. This was the third 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 85,160, a 10% decrease from 2010. This projection included 33,285 whitetail bucks, 40,772 whitetail does, 5,675 mule bucks and 5,428 mule does. A decrease in overall harvest of over 9,500 deer with a moderate decrease in the number of tags issued accounted for the 4% decrease in harvest success from 2010.

Reductions in harvest for East River Deer, Archery Deer, Muzzleloader Deer, and West River Deer accounted for most of the decrease, however, every season showed a decrease from 2010. Both whitetail buck and doe harvest estimates decreased from 2010 by 3,092 and 3,296 respectively. Mule buck and doe harvest decreased from 2010 by 1,318 and 1,859 respectively. Mule deer made up approximately 13% of the total harvest.

The 2011 overall statewide harvest success decreased significantly to 42.5% from 46.6% in 2010. Harvest success ranged from 18% at Sand Lake Refuge to 74% for Custer State Park.

Respondents reported hunting an average of 5.16 days per hunter, which projects to a statewide total of 660,140 recreation days in 2011. The average number of days hunted was slightly higher than in 2010. That combined with the moderate decrease in license sales resulted in an increase of approximately 22,278 total days of recreation from 2010.

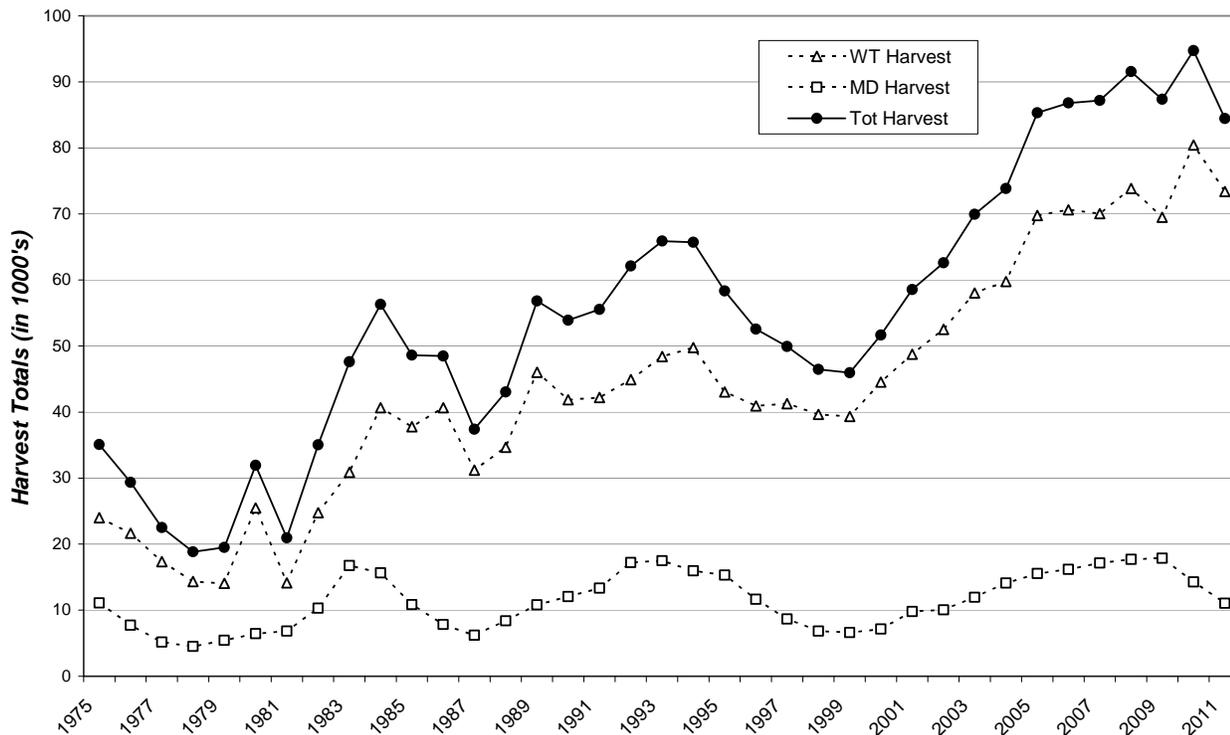
Average hunter satisfaction values (1=very dissatisfied to 7=very satisfied) varied between seasons and ranged from 2.41 for Waubay Refuge and 2.93 at Lacreek Refuge to 5.60 for West River Special Buck and 5.70 for Mentored Youth.

2011 Statewide Deer Harvest Projection Summary

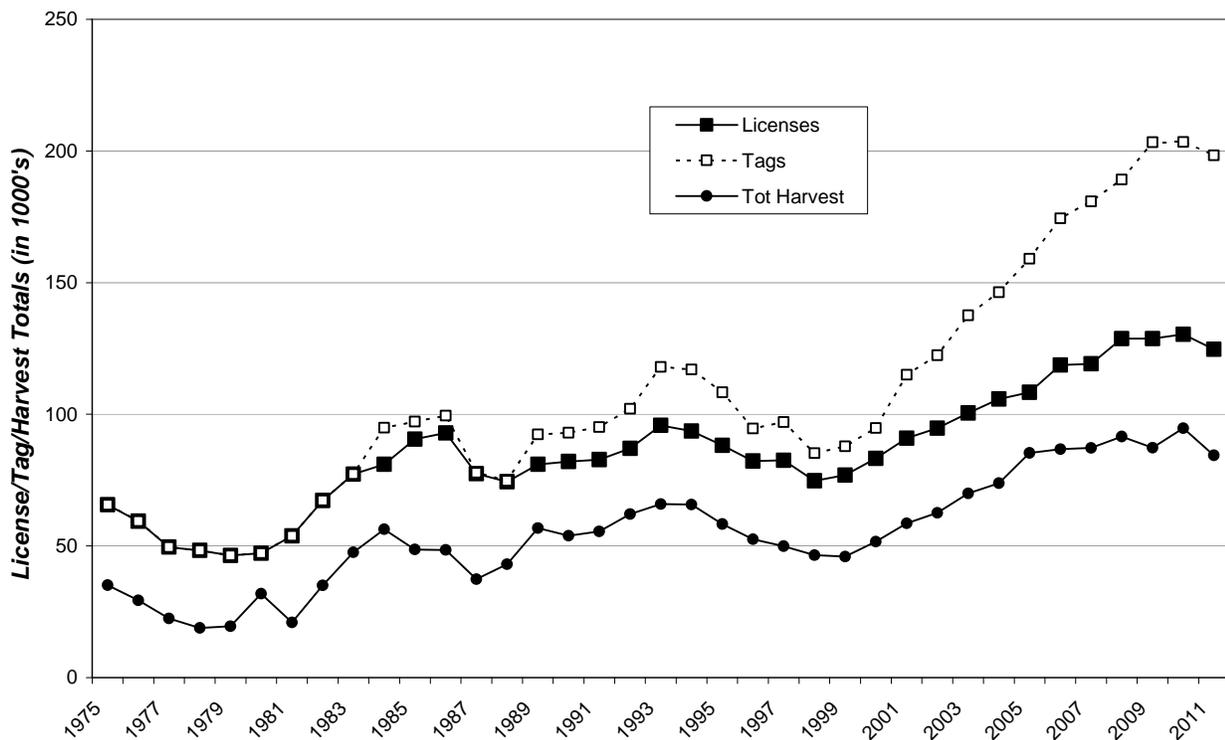
last revised: 13 June 2012

SOUTH DAKOTA Harvest Statistic	Season	Archery	Youth Antlerless	Mentored Youth	Muzzleloader	Landowner Own Land Antlerless	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	Unlimited	Unlimited	25,240	Unlimited	500	43,035	Unlimited	500	200	40	60	4,100	47	73,722
Sold	24,681	6,288	2,335	4,747	2,005	23,487	1,932	498	39,602	5,487	500	199	41	63	4,137	47	116,049	
Resident Tags																		
Available	Unlimited	Unlimited	Unlimited	Unlimited	Unlimited	57,745	Unlimited	500	74,945	Unlimited	500	400	50	60	4,100	47	138,347	
Sold	26,751	6,288	2,335	7,182	2,005	53,466	3,127	498	66,199	8,813	500	398	52	63	4,137	47	181,861	
Nonresident Licenses																		
Available	Unlimited	Unlimited	N/A	Unlimited	N/A	2,024	N/A	500	Leftovers	N/A	N/A	20	6	6	328	N/A	2,884	
Sold	3,386	745	N/A	265	N/A	3,479	N/A	499	1,950	N/A	N/A	21	4	1	329	N/A	10,679	
Nonresident Tags																		
Available	Unlimited	Unlimited	N/A	Unlimited	N/A	4,629	N/A	500	Leftovers	N/A	N/A	40	8	6	328	N/A	5,511	
Sold	3,750	745	N/A	568	N/A	8,146	N/A	499	4,461	N/A	N/A	42	4	1	329	N/A	18,545	
Total Licenses																		
Available	Unlimited	Unlimited	Unlimited	Unlimited	Unlimited	27,264	Unlimited	1,000	43,035	Unlimited	500	220	46	66	4,428	47	76,606	
Sold	28,067	7,033	2,335	5,012	2,005	26,966	1,932	997	41,552	5,487	500	220	45	64	4,466	47	126,728	
Total Tags																		
Available	Unlimited	Unlimited	Unlimited	Unlimited	Unlimited	62,374	Unlimited	1,000	74,945	Unlimited	500	440	58	66	4,428	47	143,858	
Sold	30,501	7,033	2,335	7,750	2,005	61,612	3,127	997	70,660	8,813	500	440	56	64	4,466	47	200,406	
Recreation																		
Average Days Hunted	12.51	5.58	4.16	4.82	3.80	3.64	4.00	3.66	4.73	4.68	5.46	3.30	5.10	3.82	4.78	2.60	5.21	
Total Days Hunted	239,366	28,600	8,088	23,610	6,265	92,187	7,726	3,651	196,498	25,702	2,728	725	229	244	24,398	122	660,140	
Mean Satisfaction Score	4.86	5.02	5.70	4.36	4.78	5.00	5.31	5.60	4.51	4.71	4.99	3.24	2.93	2.41	4.89	N/A		
Harvest																		
White-tailed Deer																		
Bucks	4,216	339	143	308	91	10,138	693	308	12,621	2,110	239	30	16	9	2,012	10	33,285	
Does	3,533	2,349	872	1,113	709	11,940	356	6	18,236	1,149	16	51	9	7	401	23	40,772	
Total	7,749	2,688	1,016	1,421	801	22,077	1,049	314	30,857	3,260	255	81	25	16	2,413	33	74,057	
Mule Deer																		
Bucks	459	43	14	83	9	3,684	357	415	384	85	33	0	0	0	107	2	5,675	
Does	193	322	170	215	104	3,744	156	1	471	41	1	0	0	0	10	0	5,428	
Total	651	365	184	299	113	7,428	514	416	855	126	34	0	0	0	117	2	11,104	
Total Deer Harvest																		
Bucks	4,675	382	157	391	100	13,821	1,051	724	13,005	2,195	272	30	16	9	2,119	12	38,960	
Does	3,726	2,671	1,043	1,329	813	15,684	512	7	18,707	1,190	17	51	9	7	411	23	46,200	
Total	8,401	3,053	1,200	1,720	913	29,505	1,563	731	31,712	3,385	289	81	25	16	2,530	35	85,160	
Success	28%	43%	51%	22%	46%	48%	50%	73%	45%	38%	58%	18%	45%	26%	57%	74%	42%	

South Dakota's Combined Deer Harvest 1975-2011



South Dakota Combined Deer Licensing 1975-2011



ARCHERY DEER

There were 28,067 archery deer licenses issued in 2011 (24,681 resident, 3,386 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 9,960 hunters (52%) were surveyed and 7,343 responded for a 74% return rate. Approximately 74% of responding hunters used the Internet to respond.

The 2011 Archery Deer season ran from September 24, 2011 through January 15, 2012. Licensed "any deer" hunters who did not fill their license by December 31 were allowed to continue hunting through January 15 for antlerless deer only. Respondents reported hunting 12.51 days per hunter, which projects to a total of 239,366 recreation days for the season.

The projected deer harvest for the archery season was 8,401 deer (4,216 whitetail bucks, 3,534 whitetail does, 459 mule deer bucks, and 193 mule deer does). The success rate for the season was 27%. The five counties with the highest reported harvest were Pennington, Brown, Minnehaha, Meade, and Lawrence.

Hunters were also asked to identify if they harvested a deer in the Black Hills or on the Hill Ranch Game Production Area in Fall River County. Estimates indicated 674 deer were harvested in the Black Hills and 30 on the Hill Ranch GPA.

Satisfaction was also measured (1=very dissatisfied to 7=very satisfied) and the average response for this season was 4.86.

Summary comparison of the 2001-2011 Archery Deer seasons

YEAR	Licenses Sold		Harvest					Success	Avg Days Hunted	Average Satisfctn
	Res	Nonres	Bucks		Does		Total			
			WT	Mule	WT	Mule				
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	NA
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
2011	24,681	3,386	4,216	459	3,534	193	8,401	27%	12.51	4.86

2011 Archery Deer Harvest Projections

Unit	Hunters	Licenses Available	Harvest Projections																
			Licenses Sold		Tags Sold	Response Rate	Tag Success	Whitetail				Mule Deer				Total Deer Harvest	Avg Days Hunted	Avg Satisfaction	
			Resident	Nonresident				Bucks		Does		Bucks		Does					
			Adult	Fawn				Adult	Fawn	Adult	Fawn	Adult	Fawn						
All units	19,134	Unlimited	24,681	3,386	31,168	74%	#	27%	3,872	344	3,174	360	446	13	177	16	8,401	12.51	4.86

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

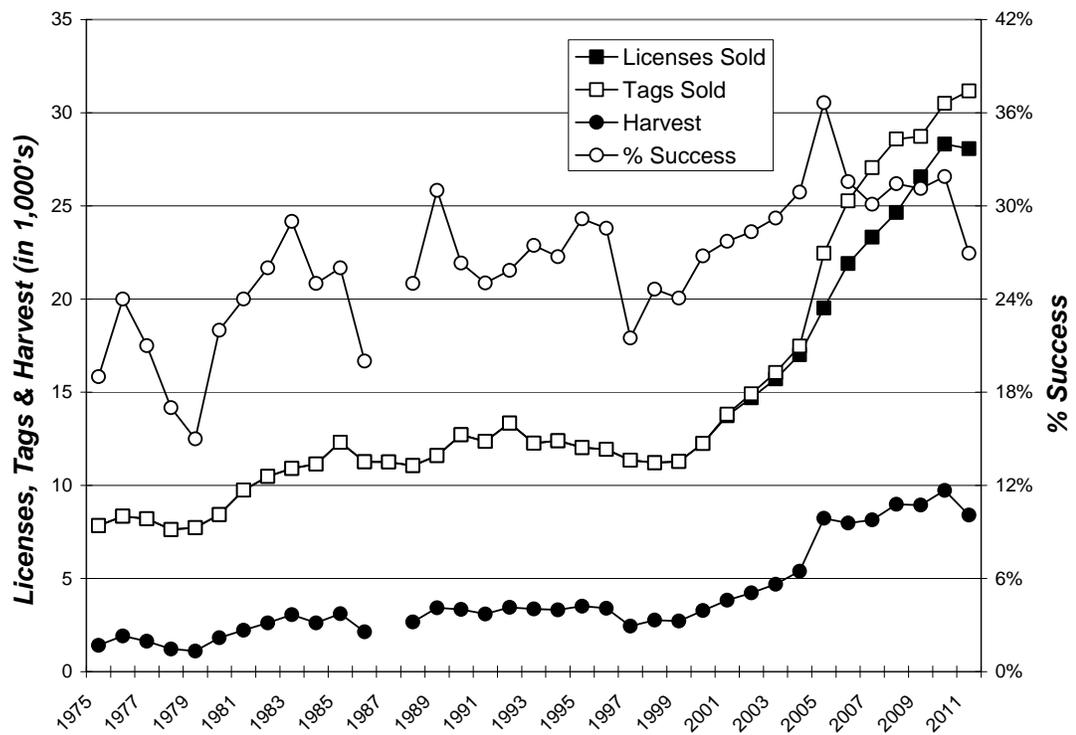
South Dakota Game Report No 2012-05 - 2011 Big Game Harvest Projections
 Corey Huxoll

2011 Archery Deer Harvest Distribution by County Hunted Most

County	Reported Harvest									Projected Harvest											
	Whitetail				Mule Deer					Whitetail				Mule Deer				Black Hills	Hill Ranch	Total	%
	Bucks		Does		Bucks		Does			Bucks		Does		Bucks		Does		Estimate	Estimate	Estimate	
	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Total	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Estimate	Estimate	Estimate	
Minnehaha	62	10	59	7	3	0	1	0	142	167	27	158	19	9	0	3	0	3	5	383	
Pennington	66	13	48	6	21	0	7	0	161	178	35	129	16	60	0	21	0	199	3	439	5.2%
Brown	60	7	75	9	2	0	2	1	156	162	19	201	24	6	0	6	4	0	3	422	5.0%
Beadle	23	1	16	2	0	0	1	0	43	62	3	43	5	0	0	3	0	0	0	116	1.4%
Codington	25	0	24	1	1	0	0	0	51	67	0	64	3	3	0	0	0	0	0	137	1.6%
Brookings	35	4	37	3	0	0	0	0	79	94	11	99	8	0	0	0	0	0	0	212	2.5%
Yankton	48	4	29	1	1	0	0	0	83	129	11	78	3	3	0	0	0	0	0	223	2.7%
Davison	26	1	25	4	0	0	0	0	56	70	3	67	11	0	0	0	0	3	0	151	1.8%
Lawrence	68	4	40	4	3	1	1	0	121	183	11	107	11	9	3	3	0	219	0	327	3.9%
Aurora	29	1	27	2	0	0	0	0	59	78	3	72	5	0	0	0	0	0	0	159	1.9%
Bennett	7	0	4	2	0	4	0	0	15	19	0	11	0	11	0	0	0	0	0	41	0.5%
Bon Homme	29	2	20	0	1	0	0	0	52	78	5	54	0	3	0	0	0	0	0	140	1.7%
Brule	21	3	11	3	3	0	2	1	44	57	8	30	8	9	0	6	4	3	0	121	1.4%
Buffalo	1	0	4	0	1	1	1	0	8	3	0	11	0	3	3	3	0	0	0	23	0.3%
Butte	20	0	31	7	5	0	2	0	65	54	0	83	19	14	0	6	0	8	0	176	2.1%
Campbell	9	0	4	1	1	0	0	0	15	24	0	11	3	3	0	0	0	0	0	41	0.5%
Charles Mix	47	3	35	1	8	0	0	0	94	127	8	94	3	23	0	0	0	5	0	254	3.0%
Clark	27	1	11	1	1	0	2	0	43	73	3	30	3	3	0	6	0	0	0	117	1.4%
Clay	29	4	26	3	0	0	0	0	62	78	11	70	8	0	0	0	0	5	3	167	2.0%
Corson	1	0	0	0	0	0	0	0	1	3	0	0	0	0	0	0	0	0	0	3	0.0%
Custer	25	0	19	1	8	0	3	0	56	67	0	51	3	23	0	9	0	109	0	153	1.8%
Day	30	1	22	1	0	0	0	0	54	81	3	59	3	0	0	0	0	0	0	145	1.7%
Deuel	8	5	12	5	0	0	0	0	30	22	13	32	13	0	0	0	0	0	0	81	1.0%
Dewey	3	0	3	0	0	0	0	0	6	8	0	8	0	0	0	0	0	0	0	16	0.2%
Douglas	5	4	8	0	1	0	0	0	18	13	11	21	0	3	0	0	0	0	0	48	0.6%
Edmunds	16	3	20	1	0	0	1	0	41	43	8	54	3	0	0	3	0	0	0	111	1.3%
Fall River	13	1	12	1	6	0	6	0	39	35	3	32	3	17	0	18	0	19	14	108	1.3%
Faulk	11	2	9	1	0	0	0	0	23	30	5	24	3	0	0	0	0	0	0	62	0.7%
Grant	29	2	20	4	1	0	1	0	57	78	5	54	11	3	0	3	0	0	0	154	1.8%
Gregory	38	1	31	2	2	0	1	0	75	102	3	83	5	6	0	3	0	3	0	202	2.4%
Haakon	12	0	8	0	8	0	2	0	30	32	0	21	0	23	0	6	0	0	0	83	1.0%
Hamlin	20	3	12	5	1	0	0	0	41	54	8	32	13	3	0	0	0	0	0	110	1.3%
Hand	25	1	24	2	4	0	0	0	56	67	3	64	5	11	0	0	0	0	0	151	1.8%
Hanson	12	0	4	0	1	0	0	0	17	32	0	11	0	3	0	0	0	0	0	46	0.5%
Harding	6	4	9	1	3	1	2	0	26	16	11	24	3	9	3	6	0	0	0	72	0.9%
Hughes	15	0	9	2	13	0	5	0	44	40	0	24	5	37	0	15	0	0	0	122	1.5%
Hutchinson	15	0	5	0	0	0	0	0	20	40	0	13	0	0	0	0	0	0	0	54	0.6%
Hyde	14	0	7	2	0	0	0	0	23	38	0	19	5	0	0	0	0	3	0	62	0.7%
Jackson	9	1	5	0	0	0	0	0	15	24	3	13	0	0	0	0	0	0	0	40	0.5%
Jerauld	10	2	4	2	1	0	0	0	19	27	5	11	5	3	0	0	0	0	0	51	0.6%
Jones	7	1	1	0	2	0	2	0	13	19	3	3	0	6	0	6	0	0	0	36	0.4%
Kingsbury	16	1	30	8	0	0	1	1	57	43	3	81	21	0	0	3	4	0	0	155	1.8%
Lake	25	2	14	2	0	0	1	0	44	67	5	38	5	0	0	3	0	0	0	119	1.4%
Lincoln	57	2	45	5	2	0	3	0	114	154	5	121	13	6	0	9	0	5	0	308	3.7%
Lyman	25	5	33	3	3	0	1	0	70	67	13	89	8	9	0	3	0	0	0	189	2.2%
McCook	16	2	15	2	0	0	0	0	35	43	5	40	5	0	0	0	0	0	0	94	1.1%
McPherson	8	0	8	0	0	0	1	0	17	22	0	21	0	0	0	3	0	0	0	46	0.5%
Marshall	12	1	6	2	0	0	0	0	21	32	3	16	5	0	0	0	0	0	0	56	0.7%
Meade	61	6	42	5	8	1	3	0	126	164	16	113	13	23	3	9	0	81	0	342	4.1%
Mellette	14	0	12	0	2	0	0	0	28	38	0	32	0	6	0	0	0	0	0	76	0.9%
Miner	16	0	7	2	0	0	0	0	25	43	0	19	5	0	0	0	0	0	0	67	0.8%
Moody	23	2	10	1	0	0	0	0	36	62	5	27	3	0	0	0	0	0	0	97	1.2%
Perkins	7	0	5	0	6	0	1	0	19	19	0	13	0	17	0	3	0	3	0	53	0.6%
Potter	11	1	12	3	1	0	1	0	29	30	3	32	8	3	0	3	0	0	0	78	0.9%
Roberts	19	2	16	0	1	0	0	0	38	51	5	43	0	3	0	0	0	0	0	102	1.2%
Sanborn	14	2	9	1	0	0	0	0	26	38	5	24	3	0	0	0	0	0	0	70	0.8%
Spink	30	0	22	4	1	0	0	0	57	81	0	59	11	3	0	0	0	0	0	154	1.8%
Stanley	9	0	6	0	6	0	3	0	24	24	0	16	0	17	0	9	0	0	0	67	0.8%
Sully	13	2	9	4	5	0	1	0	34	35	5	24	11	14	0	3	0	3	0	93	1.1%
Tripp	22	1	25	2	2	0	0	0	52	59	3	67	5	6	0	0	0	0	0	140	1.7%
Turner	21	1	11	0	0	0	0	0	33	57	3	30	0	0	0	0	0	3	0	89	1.1%
Union	41	9	61	5	0	0	0	1	117	110	24	164	13	0	0	0	4	0	0	316	3.8%
Walworth	13	0	6	0	6	0	0	0	25	35	0	16	0	17	0	0	0	3	0	68	0.8%
Ziebach	1	1	0	0	3	0	1	0	6	3	3	0	0	9	0	3	0	0	0	17	0.2%
Shannon	0	0	2	0	3	0	0	0	5	0	0	5	0	9	0	0	0	0	0	14	0.2%
Todd	7	0	6	0	0	0	0	0	13	19	0	16	0	0	0	0	0	0	0	35	0.4%
Unknown	49	3	36	4	16	1	9	2	120												
TOTALS	1,486	132	1,218	138	171	5	68	6	3,224	3,872	344	3,174	360	446	13	177	16	674	30	8,401	

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 1975-2011



YOUTH DEER

There were 7,033 single-tag antlerless licenses issued for the 2011 Youth Deer hunting season (6,288 resident, 745 nonresident). Approximately 92% of hunters were sampled and 3,124 responses (69%) were received. Approximately 59% of responding hunters used the Internet to respond.

The Youth season ran from September 10, 2011 through January 15, 2012. Respondents reported hunting an average of 5.58 days each, which projected to 27,632 recreation days for the season.

Projections for the season indicated that a total of 339 whitetail bucks, 2,349 whitetail does, 43 mule deer bucks, and 322 mule deer does were harvested. The total harvest for the Youth Deer season was 3,053, and the overall success rate was 43%. The five counties with the highest reported harvest were Pennington, Charles Mix, Custer, Brown and Minnehaha. Projected harvest for the Black Hills region was 410 deer.

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

Comparison of the 2001 - 2011 Youth Deer hunting seasons

YEAR	Licenses Sold	Harvest						Avg Days Hunted	Average Satisfctn
		Bucks		Does		Total	Success		
		WT	Mule	WT	Mule				
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
2011	7,033	339	43	2,349	322	3,053	43%	5.58	5.02

2011 Youth Deer Hunting Harvest Projections

Last Revised: 1-May-12

Unit/Type	Hunters	Harvest Projections															Average Satisfaction Score **	Avg Days Hunted
		Licenses				Response Rate	Unit/Subunit Success	Whitetail			Mule Deer			Total Deer Harvest				
		Resident Available	Resident Sold	Nonresident Available	Nonresident Sold			Bucks	Does	Doe Fawns	Bucks	Does	Doe Fawns					
ST1-03	4,952	Unlimited	6,288	unlimited	745	69%	#	43%	339	2,032	317	43	293	29	3,053	5.02	5.58	

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.

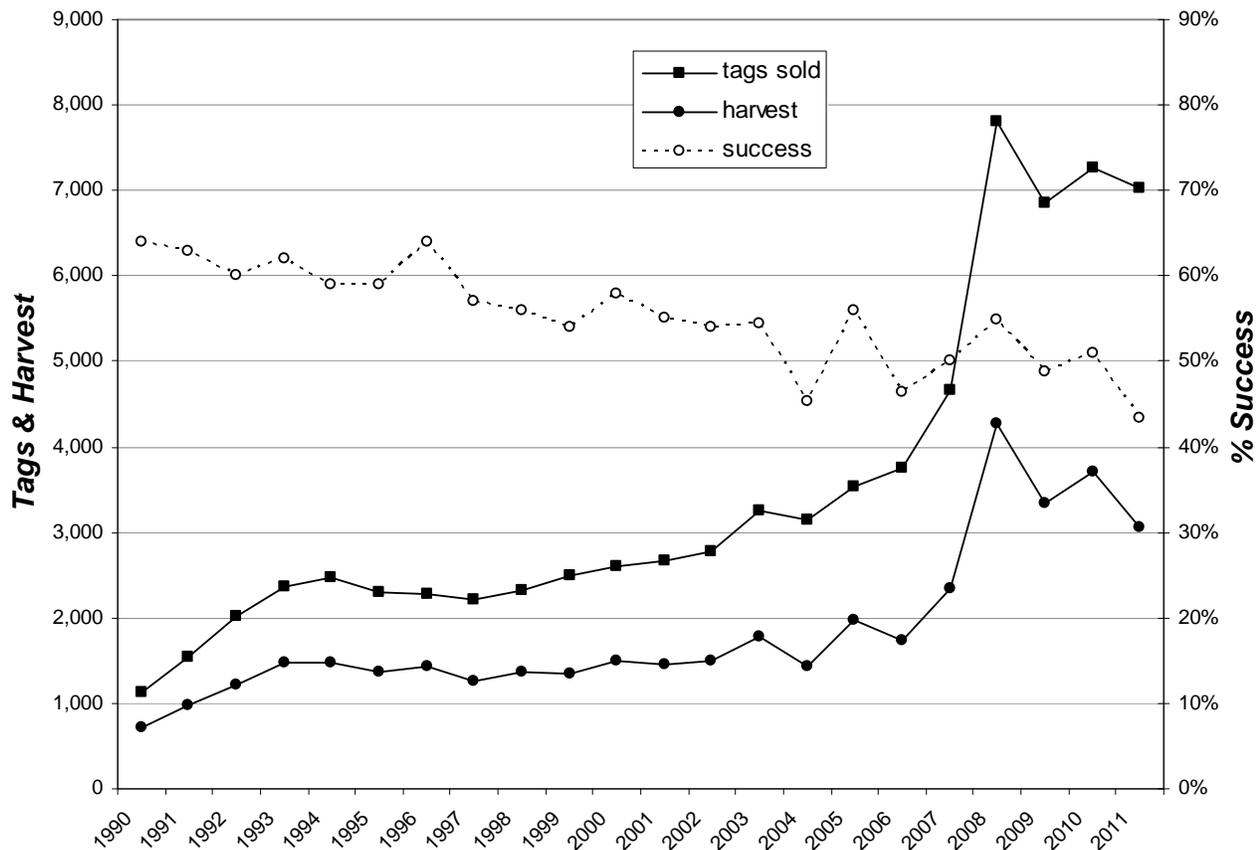
South Dakota Game Report No 2012-05 - 2011 Big Game Harvest Projections
Corey Huxoll

2011 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	Bucks		Does	Fawn	Bucks	Does		Fawn			
	Fawn	Adult	Does			Fawn	Adult		Does	Fawn				Adult	Does		Adult	Does	Estimate
Minnehaha	6	46	9	1	0	0	62	10	75	15	2	0	0	2	101	3.3%			
Pennington	13	94	14	2	19	1	143	21	154	23	3	32	2	167	235	7.7%			
Brown	11	49	3	0	0	0	63	18	80	5	0	0	0	0	103	3.4%			
Beadle	2	21	2	1	1	0	27	3	34	3	2	2	0	0	44	1.4%			
Codington	5	19	6	0	0	0	30	8	31	10	0	0	0	0	49	1.6%			
Brookings	6	28	8	0	0	0	42	10	46	13	0	0	0	0	69	2.2%			
Yankton	2	42	4	0	1	0	49	3	69	7	0	2	0	0	80	2.6%			
Davison	4	19	1	0	1	0	25	7	31	2	0	2	0	0	41	1.3%			
Lawrence	2	38	6	1	3	0	50	3	62	10	2	5	0	62	82	2.7%			
Aurora	1	13	3	0	2	0	19	2	21	5	0	3	0	0	31	1.0%			
Bennett	1	4	0	1	4	1	11	2	7	0	2	7	2	0	18	0.6%			
Bon Homme	4	21	3	0	0	0	28	7	34	5	0	0	0	0	46	1.5%			
Brule	4	13	2	1	3	0	23	7	21	3	2	5	0	8	38	1.2%			
Buffalo	2	1	1	0	1	0	5	3	2	2	0	2	0	0	8	0.3%			
Butte	0	23	2	1	5	0	31	0	38	3	2	8	0	5	51	1.7%			
Campbell	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%			
Charles Mix	12	45	8	3	2	1	71	20	74	13	5	3	2	2	116	3.8%			
Clark	1	14	3	0	0	0	18	2	23	5	0	0	0	0	29	1.0%			
Clay	1	18	2	0	1	0	22	2	29	3	0	2	0	0	36	1.2%			
Corson	3	5	3	0	1	2	14	5	8	5	0	2	3	2	23	0.8%			
Custer	6	39	4	1	17	1	68	10	64	7	2	28	2	99	112	3.7%			
Day	2	30	7	0	0	0	39	3	49	11	0	0	0	2	64	2.1%			
Deuel	3	11	4	0	0	0	18	5	18	7	0	0	0	2	29	1.0%			
Dewey	3	19	1	0	1	0	24	5	31	2	0	2	0	0	39	1.3%			
Douglas	0	9	1	0	0	0	10	0	15	2	0	0	0	0	16	0.5%			
Edmunds	2	21	1	0	0	0	24	3	34	2	0	0	0	0	39	1.3%			
Fall River	4	10	1	0	10	0	25	7	16	2	0	17	0	7	41	1.4%			
Faulk	3	7	2	0	0	0	12	5	11	3	0	0	0	0	20	0.6%			
Grant	8	26	6	0	0	0	40	13	43	10	0	0	0	0	65	2.1%			
Gregory	7	36	9	0	0	0	52	11	59	15	0	0	0	2	85	2.8%			
Haakon	0	4	0	2	7	1	14	0	7	0	3	12	2	0	23	0.8%			
Hamlin	3	19	2	0	0	0	24	5	31	3	0	0	0	0	39	1.3%			
Hand	8	11	3	0	0	0	22	13	18	5	0	0	0	0	36	1.2%			
Hanson	3	21	3	0	2	0	29	5	34	5	0	3	0	2	48	1.6%			
Harding	0	1	1	1	8	1	12	0	2	2	2	13	2	3	20	0.7%			
Hughes	1	13	0	1	6	0	21	2	21	0	2	10	0	0	35	1.1%			
Hutchinson	8	21	4	1	0	1	35	13	34	7	2	0	2	0	57	1.9%			
Hyde	0	10	2	2	3	0	17	0	16	3	3	5	0	0	28	0.9%			
Jackson	0	4	2	1	1	0	8	0	7	3	2	2	0	2	13	0.4%			
Jerauld	0	14	1	0	0	0	15	0	23	2	0	0	0	0	25	0.8%			
Jones	2	1	0	0	4	0	7	3	2	0	0	7	0	0	12	0.4%			
Kingsbury	3	11	1	0	0	0	15	5	18	2	0	0	0	0	25	0.8%			
Lake	1	17	0	0	0	0	18	2	28	0	0	0	0	0	29	1.0%			
Lincoln	4	29	5	0	1	0	39	7	47	8	0	2	0	0	64	2.1%			
Lyman	2	15	2	2	10	3	34	3	25	3	3	17	5	2	56	1.8%			
McCook	3	33	6	0	0	0	42	5	54	10	0	0	0	2	69	2.2%			
McPherson	1	13	2	0	0	0	16	2	21	3	0	0	0	0	26	0.9%			
Marshall	7	13	3	0	0	0	23	11	21	5	0	0	0	0	38	1.2%			
Meade	4	37	10	0	9	0	60	7	61	16	0	15	0	31	98	3.2%			
Mellette	1	6	1	0	12	1	21	2	10	2	0	20	2	0	35	1.1%			
Miner	3	10	1	0	0	0	14	5	16	2	0	0	0	2	23	0.7%			
Moody	6	26	2	0	2	0	36	10	43	3	0	3	0	2	59	1.9%			
Perkins	1	14	1	0	8	1	25	2	23	2	0	13	2	3	41	1.4%			
Potter	1	18	1	0	6	1	27	2	29	2	0	10	2	0	44	1.5%			
Roberts	10	30	7	0	0	0	47	16	49	11	0	0	0	0	77	2.5%			
Sanborn	2	16	6	0	0	0	24	3	26	10	0	0	0	0	39	1.3%			
Spink	3	23	3	0	1	0	30	5	38	5	0	2	0	0	49	1.6%			
Stanley	2	4	0	1	6	0	13	3	7	0	2	10	0	0	21	0.7%			
Sully	1	16	0	1	7	0	25	2	26	0	2	12	0	3	41	1.3%			
Tripp	4	18	5	2	6	0	35	7	29	8	3	10	0	2	57	1.9%			
Turner	1	6	1	0	0	1	9	2	10	2	0	0	2	0	15	0.5%			
Union	2	33	2	0	0	0	37	3	54	3	0	0	0	0	61	2.0%			
Walworth	2	6	1	0	0	1	10	3	10	2	0	0	2	0	16	0.5%			
Ziebach	1	6	0	0	3	0	10	2	10	0	0	5	0	0	16	0.5%			
Shannon	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%			
Todd	0	2	0	1	1	0	4	0	3	0	2	2	0	0	7	0.2%			
Unknown	6	40	6	0	10	1	63												
TOTALS	214	1,282	200	27	185	18	1,926	339	2,032	317	43	293	29	410	3,053				

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 1990-2011



MENTORED YOUTH DEER

There were 2,335 resident single-tag antlerless mentored youth deer licenses issued for 2011. All mentors/hunters were sampled and 1,646 responses (71%) were received. Approximately 72% of responding mentors/hunters used the Internet to respond.

The Mentored Youth licenses were valid during the Youth Deer season which ran from September 10, 2011 through January 15, 2012. Respondents reported hunting an average of 4.16 days each, which projected to 9,714 recreation days for the season.

Projections for the season indicated that a total of 143 whitetail bucks, 872 whitetail does, 14 mule deer bucks, and 171 mule deer does were harvested. The total harvest for the Mentored Youth Deer season was 1,200, and the overall success rate was 51%. The five counties with the highest reported harvest were Pennington, Gregory, Meade, Custer, and Lawrence.

The average satisfaction rating for those responding (1 being very dissatisfied and 7 very satisfied) was 5.70.

Summary for the 2008-2011 Mentored Youth Deer hunting seasons

YEAR	Licenses Sold	Harvest						Success	Avg Days Hunted	Average Satisfctn
		Bucks		Does		Total				
		WT	Mule	WT	Mule					
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	
2011	2,335	143	14	872	171	1,200	51%	4.16	5.70	

2011 Mentored Youth Deer Harvest Projections

Last Revised: 1-May-12		Harvest Projections																
Unit/Type	Licenses				Response Rate	Unit/Subunit Success	Whitetail						Mule Deer			Total Deer Harvest	Average Satisfaction Score **	Avg Days Hunted
	Resident		Nonresident				Bucks			Does								
	Available	Sold	Available	Sold			Bucks	Does	Doe Fawns	Bucks	Does	Doe Fawns						
ST1-03	Unlimited	2,335	0	0	71%	#	51%	143	743	129	14	145	26	1,200	5.70	4.16		

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 2012-05 - 2011 Big Game Harvest Projections
 Corey Huxoll

2011 Mentored Youth Deer Distribution by County Hunted Most

County	Reported Harvest							Projected Harvest							Black Hills Estimate	Total Estimate	%	
	Whitetail			Mule Deer				Whitetail			Mule Deer							
	Bucks		Does	Bucks		Does		Bucks		Does		Bucks		Does				
	Fawn	Adult	Fawn	Fawn	Adult	Fawn	Total	Fawn	Adult	Fawn	Fawn	Adult	Fawn	Adult				Fawn
Minnehaha	1	15	2	0	0	0	18	1	21	3	0	0	0	0	0	26	2.1%	
Pennington	5	37	4	1	9	1	57	7	53	6	1	13	2	43	81	6.8%		
Brown	1	12	1	0	0	0	14	1	17	1	0	0	0	0	20	1.7%		
Beadle	2	14	1	0	0	0	17	3	20	1	0	0	0	0	24	2.0%		
Codington	3	7	3	0	0	0	13	4	10	4	0	0	0	0	19	1.5%		
Brookings	4	10	1	0	0	0	15	6	14	1	0	0	0	1	21	1.8%		
Yankton	3	14	10	0	0	0	27	4	20	15	0	0	0	0	39	3.2%		
Davison	0	8	2	1	0	0	11	0	11	3	1	0	0	0	16	1.3%		
Lawrence	3	24	0	1	1	0	29	4	34	0	1	1	0	21	41	3.4%		
Aurora	1	10	3	0	0	0	14	1	14	4	0	0	0	1	20	1.7%		
Bennett	2	3	2	0	3	0	10	3	4	3	0	4	0	0	14	1.2%		
Bon Homme	4	11	2	0	0	0	17	6	16	3	0	0	0	0	24	2.0%		
Brule	1	13	2	1	3	2	22	1	19	3	1	4	3	1	32	2.6%		
Buffalo	1	0	0	0	0	0	1	1	0	0	0	0	0	0	1	0.1%		
Butte	6	9	2	0	7	0	24	9	13	3	0	10	0	1	34	2.9%		
Campbell	2	3	1	0	1	0	7	3	4	1	0	1	0	0	10	0.8%		
Charles Mix	3	10	3	1	7	1	25	4	14	4	1	10	2	0	36	3.0%		
Clark	1	4	0	0	0	0	5	1	6	0	0	0	0	0	7	0.6%		
Clay	0	8	0	0	0	0	8	0	11	0	0	0	0	0	11	0.9%		
Corson	1	2	0	1	2	0	6	1	3	0	1	3	0	0	9	0.7%		
Custer	1	17	2	0	5	4	29	1	24	3	0	7	6	30	42	3.5%		
Day	0	8	1	0	0	0	9	0	11	1	0	0	0	0	13	1.1%		
Deuel	0	5	1	0	1	0	7	0	7	1	0	1	0	0	10	0.8%		
Dewey	0	2	1	0	1	0	4	0	3	1	0	1	0	0	6	0.5%		
Douglas	2	6	1	0	0	0	9	3	9	1	0	0	0	0	13	1.1%		
Edmunds	0	4	0	0	0	0	4	0	6	0	0	0	0	0	6	0.5%		
Fall River	3	6	0	0	8	1	18	4	9	0	0	11	2	4	26	2.1%		
Faulk	0	4	0	0	0	0	4	0	6	0	0	0	0	0	6	0.5%		
Grant	3	9	2	0	0	0	14	4	13	3	0	0	0	0	20	1.7%		
Gregory	6	23	4	0	1	0	34	9	33	6	0	1	0	0	48	4.0%		
Haakon	0	1	0	0	4	0	5	0	1	0	0	6	0	0	7	0.6%		
Hamiin	3	4	3	0	0	0	10	4	6	4	0	0	0	1	14	1.2%		
Hand	3	12	1	0	0	0	16	4	17	1	0	0	0	0	23	1.9%		
Hanson	2	9	1	0	0	0	12	3	13	1	0	0	0	0	17	1.4%		
Harding	1	2	0	0	0	1	4	1	3	0	0	0	2	0	6	0.5%		
Hughes	1	3	0	0	3	1	8	1	4	0	0	4	2	0	11	1.0%		
Hutchinson	0	6	2	0	0	0	8	0	9	3	0	0	0	0	11	1.0%		
Hyde	0	2	1	0	1	0	4	0	3	1	0	1	0	0	6	0.5%		
Jackson	0	0	1	0	5	0	6	0	0	1	0	7	0	0	9	0.7%		
Jerauld	0	5	0	0	2	0	7	0	7	0	0	3	0	0	10	0.8%		
Jones	0	4	0	0	2	0	6	0	6	0	0	3	0	0	9	0.7%		
Kingsbury	2	4	2	0	0	0	8	3	6	3	0	0	0	0	11	1.0%		
Lake	1	8	5	0	0	0	14	1	11	7	0	0	0	0	20	1.7%		
Lincoln	2	8	1	0	0	0	11	3	11	1	0	0	0	0	16	1.3%		
Lyman	2	13	2	2	1	0	20	3	19	3	3	1	0	0	29	2.4%		
McCook	2	7	0	0	0	0	9	3	10	0	0	0	0	0	13	1.1%		
McPherson	0	2	0	0	0	0	2	0	3	0	0	0	0	0	3	0.2%		
Marshall	0	2	0	0	0	0	2	0	3	0	0	0	0	0	3	0.2%		
Meade	4	21	3	0	5	2	35	6	30	4	0	7	3	6	50	4.2%		
Mellette	0	5	1	0	4	0	10	0	7	1	0	6	0	0	14	1.2%		
Miner	1	5	0	0	0	0	6	1	7	0	0	0	0	0	9	0.7%		
Moody	2	10	2	0	0	0	14	3	14	3	0	0	0	0	20	1.7%		
Perkins	2	5	3	0	12	0	22	3	7	4	0	17	0	0	32	2.6%		
Potter	2	8	0	0	1	0	11	3	11	0	0	1	0	0	16	1.3%		
Roberts	1	13	0	0	0	0	14	1	19	0	0	0	0	0	20	1.7%		
Sanborn	2	6	0	0	0	0	8	3	9	0	0	0	0	0	11	0.9%		
Spink	3	11	3	0	0	0	17	4	16	4	0	0	0	0	24	2.0%		
Stanley	0	3	0	1	7	1	12	0	4	0	1	10	2	0	17	1.4%		
Sully	1	8	1	0	1	2	13	1	11	1	0	1	3	0	19	1.6%		
Tripp	1	10	2	0	3	0	16	1	14	3	0	4	0	1	23	1.9%		
Turner	2	7	1	0	0	0	10	3	10	1	0	0	0	0	14	1.2%		
Union	0	8	1	0	0	0	9	0	11	1	0	0	0	0	13	1.1%		
Walworth	2	11	0	0	0	0	13	3	16	0	0	0	0	0	19	1.5%		
Ziebach	0	0	0	0	0	1	1	0	0	0	0	0	2	0	2	0.1%		
Shannon	0	0	0	0	1	0	1	0	0	0	0	1	0	0	1	0.1%		
Todd	0	1	2	1	0	0	4	0	1	3	1	0	0	0	6	0.5%		
Unknown	0	2	2	0	1	1	6											
TOTALS	101	524	91	10	102	18	846	143	743	129	14	145	26	113	1,200			

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 5,012 antlerless deer licenses (4,747 resident, 265 nonresident) and 1,018 “any deer” licenses issued for the 2011 Muzzleloader Deer season, which represented a total of 6,712 tags. All 4,578 hunters were surveyed and 3,676 responded for a response rate of 81%. Approximately 70% of muzzleloader hunters used the Internet to respond.

The 2011 Muzzleloader season was open from December 1, 2011 through January 15, 2012. From Jan. 1-15, all “any deer” tags converted to “antlerless deer” tags. This was the seventh year that “any deer” licenses were available for the muzzleloader season and 5,404 applications were received for those. The number of “any deer” licenses available was increased to 1,000 in 2008. 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 1,720 deer (308 whitetail bucks, 1,113 whitetail does, 83 mule deer bucks, and 216 mule deer does). The overall success rate for the muzzleloader season was 26% and average satisfaction was 4.36 (1 = very dissatisfied, 7 = very satisfied).

The five counties with the highest reported harvest were Pennington, Fall River, Charles Mix, Brookings, and Gregory. These five counties accounted for approximately 22% of the total statewide harvest. Approximately 48 deer, just less than 3% of the statewide harvest, were harvested within the Black Hills area.

Summary comparison of the 2001-2011 Muzzleloader Deer seasons

YEAR	Licenses Sold		Harvest					Success	Avg Days Hunted	Average Satisfctn
			Bucks		Does		Total			
	Res	Nonres	WT	Mule	WT	Mule				
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
2011	4,747	265	308	83	1,113	216	1,720	26%	4.82	4.36

2011 Muzzleloader Deer Harvest Projections

Last Revised:
2-May-12

Unit	Hunters Available	Licenses Sold	Licenses Sold	Tags sold	Response Rate	Tag Success	Harvest Projections								Total Deer Harvest	Mean Satisfaction Score	Average Days Hunted	
							Whitetail				Mule Deer							
							Bucks	Does	Bucks	Does	Bucks	Does	Bucks	Does				
Statewide	4,578	unlimtd	4,747	265	6,712	81%	26%	161	147	969	144	66	17	202	14	1,720	4.36	4.82

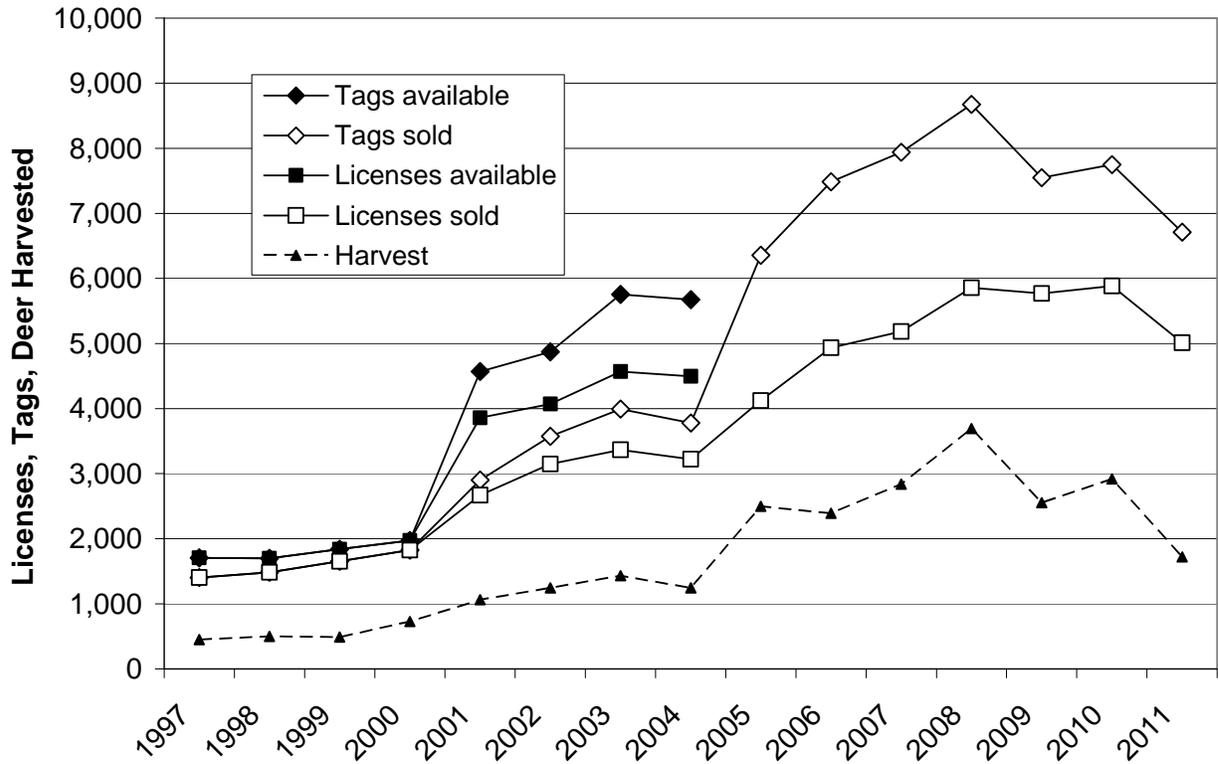
South Dakota Game Report No 2012-05 - 2011 Big Game Harvest Projections
 Corey Huxoll

2011 Muzzleloader Deer Harvest Distribution by County Hunted Most

County	Reported Harvest										Projected Harvest									
	Whitetail				Mule Deer				Total	Whitetail				Mule Deer				Black Hills Estimate	Total	
	Bucks		Does		Bucks		Does			Bucks		Does		Bucks		Does			Estimate	%
	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn				
Minnehaha	4	8	22	3	0	0	0	0	37	5	10	28	4	0	0	0	0	47	2.7%	
Pennington	12	4	34	3	9	0	13	0	75	15	5	43	4	11	0	17	0	27	5.5%	
Brown	2	0	25	2	0	0	1	0	30	3	0	32	2	0	0	1	0	38	2.2%	
Beadle	0	2	12	5	0	0	0	0	19	0	3	15	6	0	0	0	0	24	1.4%	
Codington	1	1	8	2	0	0	0	0	12	1	1	10	2	0	0	0	0	15	0.9%	
Brookings	2	6	41	5	1	0	1	0	56	3	8	52	6	1	0	1	0	71	4.1%	
Yankton	3	3	28	1	0	0	2	1	38	4	4	35	1	0	0	3	1	48	2.8%	
Davison	1	0	15	2	0	0	2	0	20	1	0	19	2	0	0	3	0	25	1.5%	
Lawrence	4	3	7	1	2	0	0	0	17	5	4	9	1	2	0	0	0	22	1.3%	
Aurora	5	1	14	1	0	0	0	0	21	6	1	18	1	0	0	0	0	27	1.5%	
Bennett	1	0	9	0	2	0	6	0	18	1	0	11	0	2	0	8	0	23	1.3%	
Bon Homme	2	1	18	6	0	0	0	0	27	3	1	23	7	0	0	0	0	34	2.0%	
Brule	4	3	18	4	2	1	4	0	36	5	4	23	5	2	1	5	0	46	2.7%	
Buffalo	0	0	1	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0.1%	
Butte	3	2	25	2	0	2	4	0	38	4	3	32	2	0	3	5	0	48	2.8%	
Campbell	1	1	2	0	0	0	2	0	6	1	1	3	0	0	0	3	0	8	0.4%	
Charles Mix	3	6	37	5	2	0	3	1	57	4	8	47	6	2	0	4	1	72	4.2%	
Clark	2	2	4	5	0	0	1	0	14	3	3	5	6	0	0	1	0	18	1.0%	
Clay	3	5	15	3	0	0	0	0	26	4	7	19	4	0	0	0	0	33	1.9%	
Corson	0	0	6	1	1	0	2	0	10	0	0	8	1	1	0	3	0	13	0.7%	
Custer	4	1	13	1	2	0	3	0	24	5	1	16	1	2	0	4	0	30	1.8%	
Day	0	0	8	3	0	0	1	0	12	0	0	10	4	0	0	1	0	15	0.9%	
Deuel	0	2	9	2	0	0	0	0	13	0	3	11	2	0	0	0	0	16	1.0%	
Dewey	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
Douglas	1	0	8	0	0	0	1	0	10	1	0	10	0	0	0	1	0	13	0.7%	
Edmunds	0	0	10	0	0	0	0	0	10	0	0	13	0	0	0	0	0	13	0.7%	
Fall River	4	4	20	2	3	2	22	4	61	5	5	25	2	4	3	28	5	78	4.5%	
Faulk	0	1	4	1	0	0	0	0	6	0	1	5	1	0	0	0	0	8	0.4%	
Grant	0	3	13	4	0	0	0	0	20	0	4	16	5	0	0	0	0	25	1.5%	
Gregory	2	5	35	4	0	0	6	0	52	3	7	44	5	0	0	8	0	66	3.8%	
Haakon	6	0	2	2	1	0	4	0	15	8	0	3	2	1	0	5	0	19	1.1%	
Hamiin	1	3	16	0	0	0	0	0	20	1	4	20	0	0	0	0	0	25	1.5%	
Hand	6	1	10	4	0	0	2	1	24	8	1	13	5	0	0	3	1	30	1.8%	
Hanson	2	4	12	2	0	0	1	0	21	3	5	15	2	0	0	1	0	27	1.6%	
Harding	2	1	2	0	2	1	7	0	15	3	1	3	0	2	1	9	0	19	1.1%	
Hughes	0	0	7	2	1	0	0	0	10	0	0	9	2	1	0	0	0	13	0.7%	
Hutchinson	2	2	14	1	0	0	0	0	19	3	3	18	1	0	0	0	0	24	1.4%	
Hyde	0	0	1	2	0	0	0	0	3	0	0	1	2	0	0	0	0	4	0.2%	
Jackson	2	1	0	0	1	0	4	0	8	3	1	0	0	1	0	5	0	10	0.6%	
Jerauld	3	1	7	0	1	0	1	0	13	4	1	9	0	1	0	1	0	16	1.0%	
Jones	2	0	0	0	1	0	4	0	7	3	0	0	0	1	0	5	0	9	0.5%	
Kingsbury	1	4	14	3	0	0	0	0	22	1	5	18	4	0	0	0	0	28	1.6%	
Lake	1	1	9	0	0	0	0	0	11	1	1	11	0	0	0	0	1	14	0.8%	
Lincoln	5	0	11	1	0	0	0	0	17	6	0	14	1	0	0	0	0	21	1.2%	
Lyman	4	3	23	3	1	1	5	0	40	5	4	29	4	1	1	6	0	51	3.0%	
McCook	0	2	18	1	0	0	0	0	21	0	3	23	1	0	0	0	0	27	1.5%	
McPherson	0	2	3	3	0	0	0	0	8	0	3	4	4	0	0	0	0	10	0.6%	
Marshall	0	1	1	0	0	0	0	0	2	0	1	1	0	0	0	0	0	3	0.1%	
Meade	4	2	14	4	4	3	9	0	40	5	3	18	5	5	4	12	0	51	3.0%	
Mellette	0	2	24	3	1	0	15	2	47	0	3	30	4	1	0	19	2	60	3.5%	
Miner	2	0	10	1	0	0	0	0	13	3	0	13	1	0	0	0	0	16	1.0%	
Moody	3	0	7	1	1	0	0	0	12	4	0	9	1	1	0	0	0	15	0.9%	
Perkins	2	3	2	1	2	0	7	0	17	3	4	3	1	2	0	9	0	22	1.3%	
Potter	2	0	7	3	2	0	3	0	17	3	0	9	4	2	0	4	0	21	1.2%	
Roberts	0	3	8	1	0	0	0	0	12	0	4	10	1	0	0	0	0	15	0.9%	
Sanborn	2	2	6	2	0	0	0	0	12	3	3	8	2	0	0	0	0	15	0.9%	
Spink	1	0	14	1	0	0	0	1	17	1	0	18	1	0	0	1	0	21	1.2%	
Stanley	1	1	2	0	3	0	2	0	9	1	1	3	0	4	0	3	0	11	0.7%	
Sully	4	2	4	1	4	0	2	0	17	5	3	5	1	5	0	3	0	22	1.3%	
Tripp	0	1	27	5	1	3	12	1	50	0	1	34	6	1	4	15	1	64	3.7%	
Turner	1	3	4	0	0	0	0	0	8	1	4	5	0	0	0	0	3	10	0.6%	
Union	2	3	20	1	0	0	1	0	27	3	4	25	1	0	0	1	0	34	2.0%	
Walworth	0	0	1	0	1	0	2	0	4	0	0	1	0	1	0	3	0	5	0.3%	
Ziebach	1	0	1	0	1	0	2	0	5	1	0	1	0	1	0	3	0	6	0.4%	
Shannon	1	0	2	0	1	0	0	0	4	1	0	3	0	1	0	0	0	5	0.3%	
Todd	0	0	3	0	0	0	0	0	3	0	0	4	0	0	0	0	0	4	0.2%	
Unknown	2	6	11	0	0	1	5	0	25											
TOTALS	129	118	778	116	53	14	162	11	1,381	161	147	969	144	66	17	202	14	48	1,720	

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 1997-2011



LANDOWNER FREE ANTLERLESS DEER

There were 2,005 free single-tag antlerless licenses issued to qualifying resident landowners for the 2011 West River Deer, East River Deer, Archery Deer, Muzzleloader Deer, and Youth Deer hunting seasons. Approximately 46% of hunters were sampled and 542 responses (74%) were received. Approximately 54% of responding hunters used the Internet response site.

Free Landowner on Own Land Antlerless Deer licenses were valid for qualifying hunters from September 10, 2011 through January 15, 2012. Respondents reported hunting an average of 3.80 days each, which projected to 6,270 recreation days.

Projections for the season estimated that a total of 91 whitetail bucks, 709 whitetail does, 9 mule deer bucks, and 104 mule deer does were harvested. The total harvest for the Free Antlerless Landowner licenses was 913, and the overall success rate was 46%. The five counties with the highest reported harvest were Tripp, Meade, Gregory, Charles Mix, and Butte.

The average satisfaction rating for those responding (1 being very dissatisfied and 7 very satisfied) was 4.78.

Summary of the 2011 Free Landowner Antlerless Deer license statistics

YEAR	Licenses Sold	Harvest						Success	Avg Days Hunted	Average Satisfctn
		Bucks		Does		Total				
		WT	Mule	WT	Mule					
2011	2,005	91	9	709	104	913	46%	3.80	4.78	

2011 Antlerless Landowner Own Land Harvest Projections

Last Revised: 12-Apr-12

Unit	Harvest Projections															Total Deer Harvest	Mean Satisfactn Rating	Average Days Hunted
	Licenses		Response Rate	Tag Success	Whitetail				Mule Deer									
	Avail.	Sold			Bucks	Does	Bucks	Does	Bucks	Does								
Statewide	Unltd	2,005	1,650	74%	46%	0	91	709	NA	0	9	104	NA	913	4.78	3.80		

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

South Dakota Game Report No 2012-05 - 2011 Big Game Harvest Projections
 Corey Huxoll

2011 Statewide Free Antlerless LOL Harvest Distribution

County	Reported Harvest					Projected Harvest					Total Projected	%
	Whitetail		Mule Deer		Total	Whitetail		Mule Deer		Total		
	Buck	Fawns	Does	Does		Buck	Fawns	Does	Does			
Minnehaha	0	0	0	0	0	0	0	0	0	0	0	0.0%
Pennington	0	1	0	4	5	0	3	0	13	17	1.8%	
Brown	2	10	0	0	12	6	32	0	0	39	4.2%	
Beadle	1	9	0	0	10	3	29	0	0	32	3.5%	
Codington	0	0	0	0	0	0	0	0	0	0	0.0%	
Brookings	0	0	0	0	0	0	0	0	0	0	0.0%	
Yankton	1	0	0	0	1	3	0	0	0	3	0.3%	
Davison	1	6	0	0	7	3	19	0	0	23	2.5%	
Lawrence	0	0	0	0	0	0	0	0	0	0	0.0%	
Aurora	0	9	0	0	9	0	29	0	0	29	3.2%	
Bennett	0	2	0	0	2	0	6	0	0	6	0.7%	
Bon Homme	1	1	0	0	2	3	3	0	0	6	0.7%	
Brule	1	3	0	0	4	3	10	0	0	13	1.4%	
Buffalo	0	2	0	0	2	0	6	0	0	6	0.7%	
Butte	1	7	0	4	12	3	23	0	13	39	4.3%	
Campbell	1	2	0	0	3	3	6	0	0	10	1.1%	
Charles Mix	0	12	0	1	13	0	39	0	3	42	4.6%	
Clark	0	5	0	0	5	0	16	0	0	16	1.8%	
Clay	2	1	0	0	3	6	3	0	0	10	1.0%	
Corson	0	3	0	0	3	0	10	0	0	10	1.1%	
Custer	0	0	0	0	0	0	0	0	0	0	0.0%	
Day	0	1	0	0	1	0	3	0	0	3	0.4%	
Deuel	1	5	0	0	6	3	16	0	0	19	2.1%	
Dewey	0	0	0	0	0	0	0	0	0	0	0.0%	
Douglas	2	2	0	0	4	6	6	0	0	13	1.4%	
Edmunds	0	2	0	0	2	0	6	0	0	6	0.7%	
Fall River	0	3	0	1	4	0	10	0	3	13	1.4%	
Faulk	1	5	0	0	6	3	16	0	0	19	2.1%	
Grant	0	0	0	0	0	0	0	0	0	0	0.0%	
Gregory	2	10	0	1	13	6	32	0	3	42	4.6%	
Haakon	0	5	0	0	5	0	16	0	0	16	1.8%	
Hamlin	0	0	0	0	0	0	0	0	0	0	0.0%	
Hand	2	5	0	0	7	6	16	0	0	22	2.5%	
Hanson	3	9	0	0	12	9	29	0	0	39	4.2%	
Harding	0	3	0	1	4	0	10	0	3	13	1.4%	
Hughes	0	0	0	2	2	0	0	0	7	7	0.7%	
Hutchinson	0	0	0	0	0	0	0	0	0	0	0.0%	
Hyde	0	0	0	0	0	0	0	0	0	0	0.0%	
Jackson	0	1	0	0	1	0	3	0	0	3	0.4%	
Jerauld	0	1	0	0	1	0	3	0	0	3	0.4%	
Jones	0	0	0	5	5	0	0	0	17	17	1.8%	
Kingsbury	1	3	0	0	4	3	10	0	0	13	1.4%	
Lake	0	0	0	0	0	0	0	0	0	0	0.0%	
Lincoln	0	0	0	0	0	0	0	0	0	0	0.0%	
Lyman	0	5	0	3	8	0	16	0	10	26	2.9%	
McCook	0	0	0	0	0	0	0	0	0	0	0.0%	
McPherson	0	4	0	0	4	0	13	0	0	13	1.4%	
Marshall	1	1	0	0	2	3	3	0	0	6	0.7%	
Meade	0	13	0	2	15	0	42	0	7	49	5.3%	
Mellette	0	1	0	0	1	0	3	0	0	3	0.4%	
Miner	0	3	0	0	3	0	10	0	0	10	1.1%	
Moody	0	0	0	0	0	0	0	0	0	0	0.0%	
Perkins	0	4	0	1	5	0	13	0	3	16	1.8%	
Potter	0	8	0	1	9	0	26	0	3	29	3.2%	
Roberts	0	0	0	0	0	0	0	0	0	0	0.0%	
Sanborn	1	11	0	0	12	3	36	0	0	39	4.2%	
Spink	1	3	0	0	4	3	10	0	0	13	1.4%	
Stanley	0	0	0	1	1	0	0	0	3	3	0.4%	
Sully	0	4	0	1	5	0	13	0	3	16	1.8%	
Tripp	1	20	0	3	24	3	65	0	10	78	8.5%	
Turner	0	0	0	0	0	0	0	0	0	0	0.0%	
Union	1	6	0	0	7	3	19	0	0	23	2.5%	
Walworth	1	1	0	0	2	3	3	0	0	6	0.7%	
Ziebach	0	7	0	0	7	0	23	0	0	23	2.5%	
Shannon	0	0	0	0	0	0	0	0	0	0	0.0%	
Todd	0	0	0	0	0	0	0	0	0	0	0.0%	
Unknown	1	14	3	3	21							
TOTALS	30	233	3	34	300	91	709	9	104	904		

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!

WEST RIVER FIREARM DEER

There were 29,895 licenses issued for the 2011 West River Firearm Deer season (26,966 regular, 997 Special Buck and 1,932 Landowner Own Land Only) for a total of 65,736 tags.

The West River season was open 16 days from November 12-27 in most units and from November 5-27 in Corson, Dewey and Ziebach counties. Units 50A in Mellette County and 30A in Gregory County were open from Nov. 5-8 and 21-27, while units 50B and 30B were open from Nov. 12-27. The season was also open from December 31, 2011 - January 8, 2012 for all unfilled and unsold antlerless deer tags. Beginning December 31, 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 1-16) in their respective units.

A random sample of 11,970 hunters was taken from the regular West River season, 1,542 from the Landowner Own Land Only licenses, and 998 from the Special Buck licenses. The overall response rates for the seasons were 77% for the regular West River Deer, 68% for landowner West River Deer and 84% for Special Buck. Of all responding hunters, 65% of regular West River, 42% of landowner on own land and 70% of Special Buck hunters responded over the Internet.

Respondents reported hunting an average of 3.64 days in the regular West River season, 4.00 days for landowner and 3.66 days in the Special Buck. These averages projected to a total of 103,564 recreation days for all West River deer seasons. Hunters reported harvesting approximately 4% of their deer during the Firearm Antelope season, 86% during the regular season, and 10% during December 31 - January 8.

The West River projected deer harvest was 29,505 for the regular season, 1,563 for landowner on own land, and 731 for the Special Buck licenses. Success rates were 48% for the regular season, 50% for landowner and 73% 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 57% and for 2nd (antlerless only) tags was 36%. Success for "any antlerless deer and any antlerless deer" and "antlerless whitetail and antlerless whitetail" license 1st tags was 59% and for 2nd tags was 35%. 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 47%, and for 3rd (antlerless only) tags was 24%. Success for "three any antlerless deer" and "three antlerless whitetail" license 1st tags was 69%, for 2nd tags was 50%, and for 3rd tags was 29%.

The mean satisfaction score for those responding to the regular West River season was 5.00 (1 being very dissatisfied and 7 very satisfied).

Summary comparison of the 2001-2011 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				
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
2011	25,917	57,091	3,978	8,645	11,139	4,456	12,301	3,901	31,797	48%	3.64	5.00

South Dakota Game Report No 2012-05 - 2011 Big Game Harvest Projections
Corey Huxoll

2011 West River Deer Harvest Projections

Last Revised:
27-Apr-12

Unit	Harvest Projections																Total Deer Harvested	Mean Satisfactn Rating	Average Days Hunted	
	Licenses				Tags sold	Hunters	Response Rate	Success	Whitetail				Mule Deer							
	Resident		Nonresident						Bucks		Does		Bucks		Does					
	Avail.	Sold	Avail.	Sold					Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn				
Penn NE / Meade SE	1,000	932	80	142	2,148	993	78%	#	43%	258	17	203	26	221	3	174	20	923	5.07	3.52
Pennington SE	700	690	56	71	1,522	705	74%	#	31%	105	12	102	20	122	17	85	7	471	3.78	3.85
Bennett N	350	301	28	38	1,017	324	74%	#	47%	141	9	145	23	47	9	100	5	480	5.51	3.81
Bennett S	300	269	25	56	975	308	82%	#	57%	140	38	253	28	28	2	63	0	552	5.87	4.05
Butte	1,350	1,265	108	193	2,916	1,363	74%	#	48%	439	83	511	116	116	15	86	19	1,386	4.75	3.67
Butte SW/ Lawrence	1,000	962	80	118	2,160	1,025	75%	#	53%	401	56	516	84	59	0	34	3	1,152	4.95	4.07
Corson	750	690	60	124	1,952	781	80%	#	52%	320	32	449	56	54	5	98	7	1,020	5.20	4.59
Custer E / Penn S	550	551	44	44	1,190	594	78%	#	51%	226	30	172	20	78	4	74	4	609	5.02	4.64
Custer C / Penn C	250	251	20	20	542	271	82%	#	48%	83	11	95	5	36	0	32	0	260	4.65	4.35
Dewey	600	567	48	81	1,944	629	78%	#	47%	246	65	387	78	40	2	90	4	913	5.18	4.15
Little Moreau	20	20	2	2	44	22	91%	#	75%	7	1	21	4	0	0	0	0	33	6.00	3.15
FRiver NW/ Cust SW	300	300	24	24	324	324	83%	#	55%	57	0	17	3	90	2	8	0	177	4.42	3.51
Fall River	800	795	64	76	1,524	838	73%	#	57%	281	22	276	28	161	11	84	11	874	5.04	3.99
Fall River Special	25	26	2	2	28	28	96%	#	63%	12	0	1	0	3	0	1	0	18	4.75	3.07
Gregory	2,300	2,179	184	315	5,427	2,302	74%	#	49%	893	105	1276	161	105	11	94	6	2,651	5.35	3.63
Haakon	950	887	76	139	2,917	987	81%	#	47%	243	31	291	36	322	20	403	34	1,378	5.62	3.57
Harding W	500	487	40	52	1,078	532	77%	#	42%	141	10	112	23	99	10	43	10	449	4.45	3.11
Harding E	600	582	48	70	1,304	616	73%	#	36%	173	7	149	43	70	0	22	5	467	4.41	3.10
Harding Special	200	201	16	16	217	217	87%	#	41%	22	0	3	1	59	1	2	0	88	3.98	3.41
Jackson N	550	533	44	61	1,620	566	77%	#	39%	169	15	137	15	109	2	165	21	635	4.41	3.46
Jackson S	350	313	28	62	1,125	358	80%	#	51%	133	19	207	29	53	9	112	9	570	5.49	3.29
Jones	750	607	60	126	2,199	675	82%	#	41%	299	38	236	27	131	11	134	25	900	5.22	3.37
Lyman W	750	708	60	106	1,897	768	76%	#	54%	340	36	358	39	108	8	134	5	1,028	5.36	3.51
Lyman E	350	350	28	27	916	377	79%	#	44%	123	19	177	40	26	0	16	4	405	4.78	3.73
Lyman NE / Stanley SE	50	50	5	5	110	50	84%	#	43%	12	1	24	2	5	0	4	0	48	5.38	3.98
Ft Pr Nat Grslnd	100	102	8	8	220	110	82%	#	52%	62	5	22	4	12	0	9	0	114	5.07	3.76
Meade W	1,000	970	80	109	2,320	1,020	74%	#	51%	406	59	403	65	136	6	96	3	1,175	5.02	4.10
Meade NE	1,400	1,226	112	237	4,389	1,361	75%	#	42%	472	49	735	124	206	11	206	34	1,837	4.80	3.37
Mellette	1,300	1,178	104	224	4,206	1,299	77%	#	49%	465	125	722	129	219	35	323	31	2,049	5.16	3.44
Perkins N	1,000	892	80	107	1,998	952	77%	#	43%	284	68	278	80	80	9	48	11	858	4.60	3.25
Perkins S	1,250	1,100	100	208	2,616	1,128	77%	#	51%	461	48	410	83	178	6	143	6	1,335	5.12	3.36
Perkins Special	35	33	4	3	72	35	86%	#	24%	6	0	6	1	2	0	1	1	18	2.84	2.37
Stanley	850	834	68	86	1,571	845	79%	#	41%	196	18	98	28	158	3	132	10	643	4.84	3.18
Oahe Dwnstrm	10	10	2	2	12	12	75%	#	89%	5	1	4	0	0	0	0	0	11	7.00	1.67
Tripp	1,800	1,625	144	315	4,418	1,804	75%	#	62%	859	123	1159	105	191	18	277	18	2,749	5.78	3.50
Ziebach	750	666	60	142	1,941	723	74%	#	39%	279	18	244	28	84	8	84	8	751	4.73	3.55
Shannon	100	98	8	9	161	105	74%	#	67%	57	0	23	1	16	1	9	0	108	5.74	3.46
Todd	300	237	24	59	592	280	78%	#	62%	139	11	152	11	18	2	37	0	370	5.61	3.14
Totals	25,240	23,487	2,024	3,479	61,612	25,327	77.3%	#	48%	8,955	1,183	10,373	1,566	3,443	240	3,421	323	29,505	5.00	3.64

The response rate for all units combined was: 77%

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

2011 West River Deer harvest by date

	Total	Oct 1-16	Nov 5-27	Dec 31 - Jan 8
Reports	10,222	431	8,738	1,053
Percent of total		4%	85%	10%
Projected	29,505	1,244	25,222	3,039

2011 West River Deer antlerless harvest by date

	Total	Oct 1-16	Nov 5-27	Dec 31 - Jan 8
Reports	5,784	431	4,300	1,053
Percent of total		7%	75%	18%
Projected	17,107	1,244	12,823	3,039

2011 West River Deer Harvest Projections

Unit/Type	Licenses							Harvest Projections											Total Deer Harvest
	Resident			Nonresident				Success				Whitetail				Mule Deer			
	Appl. 1st		Sold	Appl. 1st		Sold	1st tag	2nd tag	3rd tag	Bucks		Does		Bucks		Does			
	Choice *	Avail.		Choice *	Avail.					Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn		
02A-08	590	500	499	125	40	37	52%	31%		83	13	57	5	200	3	100	5	461	
02A-09	11	200	193	8	16	22	53%	36%		5	0	84	11	0	0	68	15	190	
02A-18	10	300	240	11	24	83	57%	23%		170	4	62	10	21	0	6	0	272	
02C-08	457	450	455	81	36	36	40%	19%		58	9	41	0	122	17	60	0	319	
02C-09	12	150	145	3	12	17	37%	14%		0	0	42	14	0	0	25	0	79	
02C-18	4	100	90	2	8	18	43%	19%		47	3	19	6	0	0	0	0	73	
11A-06	185	150	151	23	12	12	71%	51%	25%	76	1	53	7	41	5	68	0	243	
11A-07	0	100	54	2	8	14	68%	56%	44%	0	6	55	8	0	4	33	5	116	
11A-16	4	100	96	3	8	12	71%	38%	13%	66	2	37	8	5	0	0	0	120	
11B-06	231	120	120	26	10	10	76%	62%	40%	69	10	55	12	27	2	56	0	233	
11B-16	11	80	80	2	7	7	83%	60%	30%	70	8	68	6	2	0	2	0	154	
11B-17	2	100	69	4	8	39	80%	51%	22%	2	20	130	10	0	0	5	0	165	
15A-08	897	500	503	177	40	40	48%	32%		141	23	85	42	102	15	64	14	472	
15A-09	20	50	50	19	4	4	40%	20%		0	0	11	7	0	0	13	5	34	
15A-18	51	550	503	26	44	88	57%	41%		294	17	239	23	15	0	0	0	608	
15A-19	1	250	209	9	20	61	62%	32%		4	43	175	44	0	0	10	0	271	
15B-08	658	700	701	94	56	56	59%	38%		397	31	269	31	59	0	15	3	818	
15B-09	35	300	261	17	24	62	49%	29%		4	25	247	53	0	0	19	0	334	
20A-08	571	200	202	61	16	18	65%	45%		111	0	73	6	40	2	28	0	258	
20A-09	6	250	188	16	20	82	66%	34%		0	0	182	21	4	3	69	7	298	
20A-16	40	300	300	40	24	24	61%	51%	24%	208	32	194	29	10	0	0	0	464	
21A-08	731	300	301	53	24	24	61%	36%		119	17	68	0	74	0	40	0	322	
21A-09	28	100	100	7	8	8	59%	33%		2	9	46	7	0	4	34	4	105	
21A-18	20	150	150	7	12	12	71%	41%		105	4	57	13	4	0	0	0	183	
21B-08	238	200	201	11	16	16	57%	35%		83	7	53	5	36	0	19	0	202	
21B-09	9	50	50	5	4	4	73%	33%		0	3	42	0	0	0	13	0	59	
24A-06	450	200	200	49	16	15	63%	52%	29%	94	13	103	22	38	0	41	4	316	
24A-07	6	150	117	12	12	46	69%	56%	32%	0	27	145	36	0	2	47	0	256	
24A-16	35	250	250	31	20	20	56%	44%	18%	153	25	139	21	2	0	2	0	342	
24B-18	62	10	10	1	1	1	70%	80%		7	0	8	2	0	0	0	0	17	
24B-19	6	10	10	0	1	1	90%	60%		0	0	13	2	0	0	0	0	17	
27A-01	384	300	300	71	24	24	55%			57	0	17	3	90	2	8	0	177	
27B-01	204	200	202	51	16	16	54%			56	0	3	0	50	3	6	0	118	
27B-08	500	200	204	35	16	16	77%	58%		59	3	42	0	103	6	74	11	299	
27B-18	29	300	300	11	24	24	58%	40%		155	13	129	10	5	3	3	0	318	
27B-19	8	100	89	11	8	20	71%	46%		0	6	101	17	0	0	0	0	122	
27L-01	71	25	26	5	2	2	63%			12	0	1	0	3	0	1	0	18	
30A-08	819	600	601	89	48	48	52%	34%		284	5	196	27	39	5	19	0	573	
30A-09	15	350	300	23	28	78	53%	34%		0	21	264	34	0	0	6	0	325	
30A-16	34	200	200	34	16	16	69%	53%	33%	131	6	173	24	6	0	5	0	343	
30B-08	712	600	602	151	48	48	65%	43%		345	18	215	24	56	6	38	6	707	
30B-09	16	350	272	8	28	106	55%	30%		0	27	277	34	0	0	18	0	359	
30B-16	65	200	204	37	16	19	62%	57%	32%	133	28	151	19	5	0	8	0	344	
31A-06	743	600	602	140	48	48	69%	42%	21%	146	15	121	22	319	17	227	22	888	
31A-07	13	200	144	18	16	71	71%	56%	27%	0	13	114	9	0	3	173	12	328	
31A-18	3	150	141	16	12	20	61%	35%		98	3	57	6	3	0	3	0	162	
35A-08	474	300	300	120	24	24	51%	29%		55	8	38	5	95	10	43	10	263	
35A-18	12	200	187	14	16	28	48%	37%		86	2	74	18	5	0	0	0	187	
35C-08	370	200	203	71	16	16	49%	29%		41	2	38	15	62	0	18	2	178	
35C-18	30	400	379	5	32	54	39%	29%		131	5	111	28	8	0	3	2	289	
35L-01	471	200	201	61	16	16	41%			22	0	3	0	59	1	2	0	88	
39A-06	494	300	300	67	24	24	60%	46%	23%	89	8	81	5	109	0	123	12	426	
39A-07	3	100	89	9	8	19	48%	33%	7%	0	2	29	5	0	2	42	9	89	
39A-18	1	150	144	0	12	18	51%	25%		80	5	27	6	0	0	0	0	120	
39B-06	254	150	149	48	12	12	67%	52%	28%	59	0	66	4	50	3	59	2	242	
39B-07	3	100	64	6	8	42	70%	50%	32%	0	14	75	11	0	5	52	7	168	
39B-16	3	100	100	5	8	8	71%	47%	31%	73	5	66	14	4	0	2	0	159	
41A-06	368	400	400	120	32	32	68%	36%	13%	184	13	95	15	128	4	63	13	504	
41A-07	5	200	103	5	16	38	72%	44%	33%	0	19	91	9	0	7	68	12	217	
41A-16	0	150	104	1	12	56	79%	34%	9%	115	5	50	3	3	0	2	0	178	
45A-08	526	400	403	110	32	32	67%	49%		181	11	121	7	105	5	86	2	508	
45A-09	9	100	75	6	8	35	81%	52%		0	9	64	6	0	3	45	0	128	
45A-16	10	250	230	11	20	39	64%	52%	27%	160	16	174	26	3	0	3	3	392	
45B-08	450	200	200	58	16	15	53%	43%		77	5	64	14	26	0	16	0	203	
45B-16	74	100	100	8	8	8	42%	47%	26%	46	5	66	7	0	0	0	0	125	
45B-17	4	50	50	5	4	4	57%	50%	36%	0	9	48	19	0	0	0	0	77	

(Continued next page)

2011 West River Deer Harvest Projections

Last Revised: 27 April 2012

Unit/Type	Licenses						Harvest Projections												Total Deer
	Resident			Nonresident			Whitetail				Mule Deer				Harvest				
	Appl. 1st		Sold	Appl. 1st		Sold	Success		Bucks		Does		Bucks			Does			
	Choice *	Avail.		Choice *	Avail.		1st tag	2nd tag	3rd tag	Adult	Fawn	Adult	Fawn	Adult		Fawn	Adult	Fawn	
45C-08	47	30	30	7	3	3	50%	46%	12	0	10	0	5	0	4	0	32		
45C-19	0	20	20	0	2	2	36%	27%	0	0	14	0	0	0	0	0	16		
45D-08	237	50	52	30	4	4	76%	33%	29	1	7	2	12	0	9	0	61		
45D-18	79	50	50	8	4	4	64%	36%	33	4	15	1	0	0	0	0	53		
49A-08	526	700	693	58	56	62	61%	42%	323	37	218	35	130	0	67	3	811		
49A-09	20	150	137	20	12	25	48%	39%	0	9	67	13	0	6	29	0	129		
49A-16	56	150	140	2	12	22	61%	63%	83	12	118	17	6	0	0	0	235		
49B-06	794	600	601	176	48	48	59%	36%	212	13	195	21	196	3	103	16	736		
49B-07	13	400	314	12	32	68	69%	46%	0	14	317	65	0	8	104	18	553		
49B-16	4	400	311	15	32	121	58%	42%	261	21	223	38	10	0	0	0	548		
50A-06	417	250	250	43	20	19	66%	56%	118	30	125	7	61	6	48	0	391		
50A-07	4	100	86	4	8	22	86%	67%	0	32	78	18	0	4	61	15	214		
50A-16	4	150	149	10	12	13	47%	43%	78	18	67	17	0	3	7	0	190		
50B-06	496	450	451	164	36	36	62%	50%	170	23	201	30	153	4	123	9	707		
50B-07	6	200	119	13	16	97	74%	54%	0	22	180	43	0	17	80	7	354		
50B-16	2	150	123	26	12	37	65%	41%	99	0	71	14	5	0	5	0	193		
53A-08	870	300	300	141	24	24	50%	38%	93	9	64	4	77	9	38	11	305		
53A-18	29	400	402	33	32	32	45%	39%	191	28	120	36	3	0	10	0	391		
53A-19	12	300	190	16	24	51	45%	19%	0	31	94	39	0	0	0	0	162		
53C-08	622	500	500	141	40	40	68%	49%	190	8	119	21	170	6	125	6	626		
53C-18	25	600	525	25	48	121	49%	37%	271	24	219	45	8	0	0	0	580		
53C-19	7	150	75	7	12	47	59%	41%	0	16	73	17	0	0	18	0	129		
53L-08	25	20	21	5	2	2	33%	17%	6	0	2	0	#	2	0	1	13		
53L-09	0	5	5	0	1	1	33%	17%	0	0	4	0	#	0	0	0	3		
53L-19	0	10	7	0	1	0	20%	0%	0	0	0	1	#	0	0	0	2		
58A-03	10	250	235	4	20	34	41%		0	0	27	18	0	3	53	6	109		
58A-08	726	350	353	101	28	28	62%	26%	88	11	30	0	152	0	76	5	361		
58A-18	3	250	246	8	20	24	39%	18%	109	7	42	10	6	0	3	0	174		
58D-01	8	5	5	1	1	1	100%		6	0	0	0	0	0	0	0	6		
58D-03	1	5	5	2	1	1	60%		0	0	4	0	0	0	0	0	4		
60A-08	1,041	800	802	197	64	60	75%	46%	467	14	283	20	181	4	105	6	1076		
60A-09	23	500	362	29	40	178	73%	50%	0	76	409	50	0	10	168	13	739		
60A-16	84	500	461	33	40	77	76%	66%	392	33	468	35	10	4	5	0	934		
64A-08	294	350	349	84	28	28	55%	34%	120	3	96	11	81	2	36	5	351		
64A-09	5	100	83	8	8	23	58%	29%	0	11	39	0	0	5	42	0	95		
64A-16	9	300	234	9	24	91	53%	34%	159	3	109	17	3	0	6	3	305		
65A-01	44	50	49	8	4	4	61%		22	0	2	0	#	6	0	0	32		
65A-08	34	50	49	4	4	5	82%	50%	34	0	21	0	#	10	1	9	75		
67A-08	154	200	198	53	16	18	76%	37%	139	2	73	5	#	18	0	13	255		
67A-09	7	100	39	3	8	41	83%	69%	0	9	79	7	#	0	0	23	114		
Totals	19,296	25,240	23,487	3,855	2,024	3,479	1st tag	2nd tag	3rd tag	8,955	1,183	10,373	1,566	0	3,443	240	3,421	323	29,505
							Types 06/16=	64%	47%	24%									
							Types 07/17=	69%	50%	29%									
							Types 08/18=	57%	36%										
							Types 09/19=	59%	35%										

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.

2011 West River LOL Harvest Projections

Last Revised: 27-Apr-12

Unit/Type	Harvest Projections												Total Deer	Mean Satisfactn Rating	Average Days Hunted		
	Licenses		Tags sold	Response Rate	Tag Success	Whitetail				Mule Deer							
	Avail.	Sold				Bucks	Does	Bucks	Does	Bucks	Does						
WR1-01	Unltd	737	737	70%	54%	223	0	29	0	135	0	12	0	399	5.23	4.05	
WR1-08	Unltd	1,195	0	2,390	67%	49%	448	23	304	23	215	8	142	2	1,164	5.37	3.96
Totals		1,932	3,127	68.0%	50%	670	23	333	23	350	8	154	2	1,563	5.31	4.00	

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

South Dakota Game Report No 2012-05 - 2011 Big Game Harvest Projections
 Corey Huxoll

2011 West River LOL Harvest Distribution

County	Reported Harvest									Projected Harvest								Total Estimate	%
	Whitetail				Mule Deer					Whitetail				Mule Deer					
	Bucks		Does		Bucks		Does			Bucks		Does		Bucks		Does			
	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Total	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn		
Pennington	20	0	9	1	7	0	3	0	40	38	0	18	2	14	0	6	0	78	5.0%
Lawrence	3	0	1	1	0	0	0	0	5	6	0	2	2	0	0	0	0	10	0.6%
Bennett	8	1	1	0	6	0	2	0	18	15	2	2	0	12	0	4	0	36	2.3%
Butte	18	1	13	1	5	0	0	0	38	34	2	26	2	10	0	0	0	74	4.8%
Corson	9	0	4	0	5	0	2	0	20	17	0	8	0	10	0	4	0	39	2.5%
Custer	5	0	0	0	2	0	1	0	8	10	0	0	0	4	0	2	0	16	1.0%
Dewey	13	0	11	0	2	0	1	0	27	25	0	22	0	4	0	2	0	53	3.4%
Fall River	5	0	3	0	9	0	6	0	23	10	0	6	0	18	0	13	0	46	3.0%
Gregory	53	2	28	3	7	1	4	0	98	101	4	56	6	14	3	8	0	192	12.3%
Haakon	21	1	10	1	12	0	4	0	49	40	2	20	2	24	0	8	0	96	6.2%
Harding	5	0	0	0	3	0	4	0	12	10	0	0	0	6	0	8	0	24	1.5%
Jackson	15	1	9	0	11	0	6	0	42	29	2	18	0	22	0	13	0	83	5.3%
Jones	13	0	7	0	8	0	0	0	28	25	0	14	0	16	0	0	0	55	3.5%
Lyman	23	1	5	1	18	0	15	0	63	44	2	10	2	36	0	32	0	126	8.0%
Meade	34	0	8	1	32	0	10	0	85	65	0	16	2	64	0	21	0	168	10.7%
Mellette	10	0	10	1	4	0	2	0	27	19	0	20	2	8	0	4	0	53	3.4%
Perkins	21	1	15	0	18	1	6	1	63	40	2	30	0	36	3	13	2	125	8.0%
Stanley	15	0	2	0	11	1	5	0	34	29	0	4	0	22	3	11	0	68	4.3%
Tripp	48	3	21	2	13	0	1	0	88	91	6	42	4	26	0	2	0	172	11.0%
Ziebach	3	0	2	0	0	0	1	0	6	6	0	4	0	0	0	2	0	12	0.8%
Shannon	0	0	0	0	1	0	0	0	1	0	0	0	0	2	0	0	0	2	0.1%
Todd	10	0	7	0	1	0	0	0	18	19	0	14	0	2	0	0	0	35	2.2%
Unknown	10	1	9	0	15	1	8	0	44										
TOTALS	362	12	175	12	190	4	81	1	837	670	23	333	23	350	8	154	2	1,563	

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!

2011 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	500	500	499	999	84%	73%	308	6	415	1	731	5.60	3.66

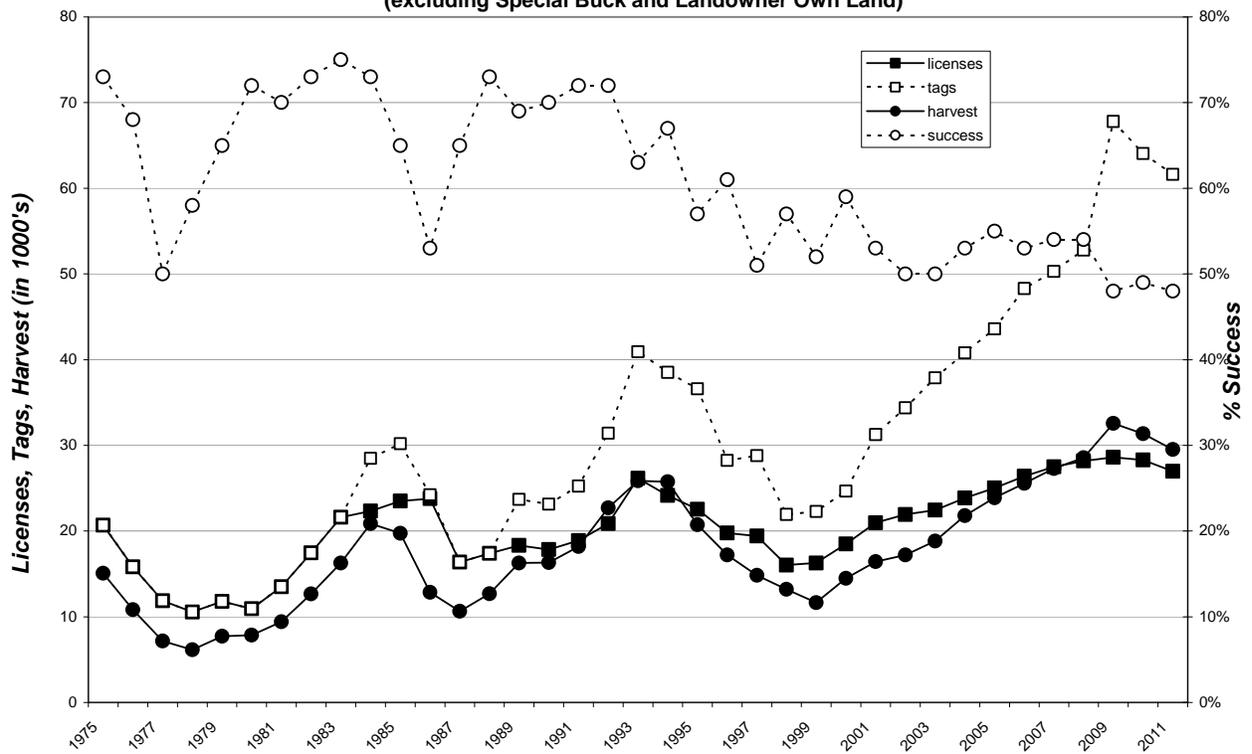
Units less than 85% response rate & harvest projections may not be within +/- 15% of sample statistic.

2011 West River Special Buck Harvest Distribution

County	Reported Harvest					Projected Harvest					Total Projected	%
	Whitetail		Mule Deer			Whitetail		Mule Deer				
	Bucks	Does	Bucks	Does	Total	Bucks	Does	Bucks	Does	Total		
Pennington	15	0	39	0	54	22	0	57	0	79	10.8%	
Lawrence	2	0	0	0	2	3	0	0	0	3	0.4%	
Bennett	4	0	7	0	11	6	0	10	0	16	2.2%	
Butte	4	0	17	0	21	6	0	25	0	31	4.2%	
Corson	10	0	3	0	13	14	0	4	0	19	2.6%	
Custer	4	0	6	0	10	6	0	9	0	15	2.0%	
Dewey	3	0	5	0	8	4	0	7	0	12	1.6%	
Fall River	5	0	12	0	17	7	0	18	0	25	3.4%	
Gregory	63	1	6	0	70	90	1	9	0	100	13.7%	
Haakon	14	0	26	0	40	20	0	38	0	58	8.0%	
Harding	3	0	33	0	36	4	0	48	0	53	7.2%	
Jackson	11	0	8	0	19	16	0	12	0	28	3.8%	
Jones	5	0	15	0	20	7	0	22	0	29	4.0%	
Lyman	17	2	14	0	33	24	2	21	0	47	6.5%	
Meade	13	1	35	1	50	19	1	51	1	72	9.9%	
Mellette	8	0	10	0	18	11	0	15	0	26	3.6%	
Perkins	8	0	23	0	31	11	0	34	0	45	6.2%	
Stanley	8	1	19	0	28	11	1	28	0	41	5.5%	
Tripp	13	0	3	0	16	19	0	4	0	23	3.2%	
Ziebach	2	0	2	0	4	3	0	3	0	6	0.8%	
Shannon	0	0	0	0	0	0	0	0	0	0	0.0%	
Todd	3	0	0	0	3	4	0	0	0	4	0.6%	
Unknown	45	0	67	0	112							
TOTALS	260	5	350	1	616	308	6	415	1	731		

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!

West River Deer Regular Season 1975-2011 (excluding Special Buck and Landowner Own Land)



EAST RIVER FIREARM DEER

There were 47,539 licenses issued for the 2011 East River Firearm Deer season (41,552 regular, 500 Special Buck and 5,487 Landowner Own Land Only) for a total of 79,973 tags.

The East River season was open 16 days from November 19 through December 4 in all units. The season was also open from December 31, 2011 - January 8, 2012 for all unfilled and unsold antlerless deer tags. Beginning December 31, all unused and unsold tags for "any deer" and "any whitetail" converted to their respective antlerless tags.

A random sample of 18,190 hunters was taken from the regular East River season, 4,164 from the Landowner Own Land Only licenses, and 499 Special Buck hunters. The response rates were 75% for the regular East River Deer, 70% for Landowner East River Deer and 86% for Special Buck. Of all responding hunters, 61% of regular East River, 52% of Landowner Own Land and 72% of Special Buck hunters responded over the Internet.

Respondents reported hunting an average of 4.73 days per hunter for the regular season, 4.68 days for Landowner Own Land and 5.46 days for Special Buck, resulting in a projected total of 224,928 recreation days for the entire East River season. Hunters reported harvesting approximately 87% of their deer during the regular season and 13% from December 31, 2011 - January 8, 2012.

The East River projected deer harvest was 31,712 for the regular season, 3,385 for Landowner Own Land, and 289 for the Special Buck season. Success rates were 45% for the regular season, 38% for Landowner Own Land, and 58% 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 53% and success for 2nd (antlerless only) tags was 41%. Success for "any antlerless deer and any antlerless deer" and "antlerless whitetail and antlerless whitetail" license 1st tags was 54% and success for 2nd tags was 25%. Success for the regular East River season "any deer and 2 any antlerless deer" and "any whitetail and 2 antlerless whitetail" license 1st tags (any) was 59%, success for 2nd (antlerless only) tags was 50% and success for 3rd (antlerless only) tags was 22%. Success for the regular East River season "3 any antlerless deer" and "3 antlerless whitetail" license 1st tags was 67%, success for 2nd tags was 43% and success for 3rd tags was 23%.

The mean satisfaction score for those responding to the regular East River survey was 4.51, for the Landowner Own Land survey was 4.71, and for the Special Buck survey was 4.99 (1 = "very dissatisfied" and 7 = "very satisfied").

Summary comparison of the 2001-2011 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				
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
2011	45,589	75,512	1,950	4,461	14,970	502	19,401	513	35,386	44%	4.73	4.51

South Dakota Game Report No 2012-05 - 2011 Big Game Harvest Projections
 Corey Huxoll

2011 East River Deer Harvest Projections

Last Revised:
 30-Apr-12

Unit	Licenses		Tags sold	Hunters	Response Rate	Unit Success	Harvest Projections								Total Deer Harvested	Mean Satisfactn Rating	Average Days Hunted		
	Resident						Nonresident		Whitetail				Mule Deer						
	Avail.	Sold					Avail.	Sold	Bucks	Does	Bucks	Does	Adult	Fawn				Adult	Fawn
Aurora	875	845	leftovers 33	1,455	813	71%	#	59%	191	48	559	57	0	0	0	0	856	5.04	4.35
Beadle	1,150	1,133	leftovers 17	1,701	1,132	76%	#	53%	380	65	416	43	3	0	3	0	910	4.56	4.98
Bon Homme	750	746	leftovers 6	952	721	77%	#	45%	139	32	220	39	0	0	0	0	430	4.55	5.33
Brookings	1,000	1,001	leftovers 0	1,001	1,001	79%	#	43%	169	40	209	9	0	0	0	0	426	4.12	5.61
Brown	2,700	2,437	leftovers 186	4,946	2,503	75%	#	39%	626	130	1,068	100	0	0	0	0	1,924	3.96	5.31
Brule	1,650	1,356	leftovers 96	3,806	1,424	72%	#	38%	444	88	672	104	96	0	60	0	1,464	4.65	4.23
Buffalo	400	323	leftovers 63	772	363	71%	#	47%	149	33	133	12	17	4	17	0	365	5.12	3.61
Campbell	840	558	leftovers 107	1,856	633	73%	#	43%	268	38	392	48	5	0	41	7	798	4.86	4.86
Charles Mix	1,200	1,182	leftovers 20	1,953	1,165	77%	#	45%	293	42	449	29	33	0	39	3	888	4.90	4.58
Clark	1,300	1,228	leftovers 73	2,301	1,259	75%	#	45%	361	112	466	77	4	0	4	0	1,024	4.53	4.62
Clay	750	731	leftovers 17	946	668	69%	#	41%	104	39	239	8	0	0	0	0	390	4.17	5.54
Codington	750	749	leftovers 0	749	749	77%	#	45%	159	12	146	17	0	0	0	0	335	4.10	5.23
Davison	750	713	leftovers 11	724	632	71%	#	52%	163	20	168	20	0	0	5	2	378	4.71	4.19
Day	1,500	1,424	leftovers 77	2,103	1,384	73%	#	37%	242	58	391	96	0	0	0	0	786	4.07	4.78
Deuel	950	939	leftovers 11	950	914	74%	#	47%	133	35	229	41	3	0	0	3	444	4.13	5.02
Douglas	500	494	leftovers 6	1,000	493	71%	#	34%	114	24	191	15	0	0	0	0	344	4.50	4.82
E Sully	550	445	leftovers 17	1,036	444	72%	#	54%	236	31	243	35	6	2	8	0	561	5.37	3.41
Edmunds	1,400	1,151	leftovers 155	3,918	1,271	71%	#	46%	479	113	1,052	147	0	0	0	11	1,803	4.68	4.38
Faulk	1,300	963	leftovers 141	3,312	1,059	74%	#	49%	359	121	954	178	0	3	3	6	1,625	4.93	3.96
Grant	750	752	leftovers 0	752	752	75%	#	55%	185	28	178	20	3	0	0	0	414	4.14	5.35
Hamlin	900	864	leftovers 36	1,401	870	77%	#	33%	176	27	209	38	0	3	3	0	455	4.12	5.09
Hand	1,100	1,025	leftovers 66	2,673	1,032	72%	#	49%	357	80	762	80	13	3	6	3	1,305	5.13	4.12
Hanson	600	590	leftovers 5	595	524	77%	#	55%	146	21	150	10	0	0	0	0	326	4.57	4.24
Hughes	475	470	leftovers 6	877	468	80%	#	52%	181	17	141	25	36	6	50	0	457	5.35	4.13
Hutchinson	700	691	leftovers 11	702	679	79%	#	54%	165	30	176	12	0	0	0	0	382	4.49	4.49
Hyde	900	591	leftovers 34	1,824	607	71%	#	47%	337	51	424	46	2	0	0	0	860	5.29	3.52
Jerauld	675	637	leftovers 38	1,150	624	81%	#	52%	196	43	296	52	9	0	4	0	600	5.19	3.92
Kingsbury	1,450	1,414	leftovers 37	1,801	1,370	76%	#	37%	222	41	325	78	0	0	0	0	665	3.99	4.95
Lake	650	651	leftovers 0	802	651	78%	#	45%	129	18	189	25	0	0	0	0	361	3.93	5.64
Lincoln	500	500	leftovers 0	500	500	81%	#	38%	79	19	83	6	0	2	0	0	188	4.43	5.39
Marshall	1,200	1,083	leftovers 117	2,000	1,146	78%	#	31%	191	19	337	67	0	0	0	0	614	3.85	5.37
McCook	700	704	leftovers 0	808	703	78%	#	45%	148	24	162	31	0	0	2	0	367	3.99	5.34
McPherson	1,200	959	leftovers 145	3,312	1,080	73%	#	42%	318	121	765	151	10	3	3	3	1,375	4.48	4.19
Miner	800	750	leftovers 50	1,151	757	80%	#	48%	242	36	242	29	0	0	0	0	549	4.43	4.64
Minnehaha	1,400	1,388	leftovers 15	1,403	1,312	75%	#	36%	196	29	262	22	0	0	0	0	509	4.10	5.49
Moody	600	600	leftovers 0	700	600	75%	#	45%	166	11	123	14	0	0	0	0	314	3.74	5.34
Potter	1,050	843	leftovers 62	1,968	838	77%	#	66%	418	79	673	50	26	11	45	8	1,308	5.48	3.48
Roberts	1,000	1,002	leftovers 0	1,002	1,001	80%	#	50%	176	52	240	35	0	0	0	0	503	3.88	5.22
Sanborn	650	635	leftovers 15	900	602	75%	#	51%	179	21	237	21	0	0	0	0	457	4.82	4.60
Spink	1,500	1,410	leftovers 90	2,700	1,453	72%	#	47%	499	49	670	57	0	0	0	0	1,274	4.79	4.18
Turner	750	745	leftovers 4	749	686	77%	#	37%	92	9	163	12	0	0	0	0	277	3.68	5.21
Union	750	740	leftovers 13	854	726	78%	#	48%	128	31	244	10	0	0	0	0	412	4.67	5.23
W Sully	650	607	leftovers 44	1,552	627	75%	#	41%	222	21	205	38	52	9	78	14	639	4.96	3.76
Walworth	870	634	leftovers 123	2,101	739	75%	#	45%	281	58	466	99	10	3	28	10	954	5.19	4.32
Yankton	900	899	leftovers 3	902	846	78%	#	44%	131	34	194	26	5	3	0	0	394	4.49	5.38
Totals	43,035	39,602	leftovers 1,950	70,660	39,821	75.3%	#	45%	10,569	2,053	16,111	2,125	333	51	399	72	31,712	4.51	4.73

The response rate for all units combined was **75%**

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

2011 East River Deer harvest by date

	Total	Nov 20- Dec 5	Dec 31 - Jan 8
Reports	10,482	9,108	1,374
Percent of total		87%	13%
Projected	31,712	27,556	4,157

2011 East River Deer antlerless harvest by date

	Total	Nov 20- Dec 5	Dec 31 - Jan 8
Reports	6,764	5,390	1,374
Percent of total		80%	20%
Projected	20,811	16,584	4,157

2011 East River Deer Harvest Projections

Last Revised:		Licenses					Harvest Projections											
30-Apr-12		Resident			Nonresident		Success			Whitetail				Mule Deer				Total
Unit/Type	Appl. 1st Choice *	Avail.	Sold	Avail.	Sold	1st tag	2nd tag	3rd tag	Bucks Adult	Fawn Adult	Does Adult	Fawn Does	Bucks Adult	Fawn Adult	Does Adult	Fawn Does	Deer Harvest	
01A-01	1,038	600	603	leftovers	0	41%			196	0	62	0	0	0	0	0	250	
01A-03	95	800	785	leftovers	15	32%			0	29	199	22	0	0	0	0	259	
03A-01	398	300	300	leftovers	0	41%			89	15	16	6	0	0	0	0	122	
03A-08	1,509	1,400	1,402	leftovers	0	42%	37%		537	56	526	36	0	0	0	0	1,141	
03A-09	52	1,000	735	leftovers	186	46%	16%		0	59	527	58	0	0	0	0	662	
04A-01	652	500	499	leftovers	0	54%			203	4	60	6	0	0	0	0	271	
04A-03	9	100	96	leftovers	4	48%			0	5	38	4	0	0	0	0	48	
04A-08	411	300	300	leftovers	0	60%	46%		176	27	120	15	3	0	3	0	342	
04A-09	27	250	238	leftovers	13	64%	33%		0	29	197	18	0	0	0	0	248	
05A-01	796	400	399	leftovers	0	44%			159	0	18	9	0	0	0	0	178	
05A-03	32	350	350	leftovers	0	45%			0	12	129	8	0	0	0	0	157	
06A-01	1,015	600	601	leftovers	0	43%			169	18	64	0	0	0	0	0	258	
06A-03	59	400	400	leftovers	0	42%			0	22	145	9	0	0	0	0	168	
07A-01	783	350	352	leftovers	0	45%			131	6	19	3	5	0	0	0	157	
07A-03	71	550	547	leftovers	3	43%			0	28	176	24	0	3	0	0	237	
08A-01	423	350	350	leftovers	0	59%			163	4	35	3	0	0	2	0	208	
08A-03	29	400	363	leftovers	11	45%			0	16	133	17	0	0	3	2	170	
10A-01	116	50	51	leftovers	0	58%			26	4	0	0	0	0	0	0	30	
10A-13	12	250	227	leftovers	23	53%			4	4	112	12	0	0	0	0	132	
10A-18	589	325	327	leftovers	0	54%	59%		162	14	198	20	0	0	0	0	396	
10A-19	38	250	240	leftovers	10	75%	39%		0	26	250	25	0	0	0	0	298	
12A-01	681	300	302	leftovers	0	51%			139	2	19	5	0	0	0	0	154	
12A-03	11	250	244	leftovers	6	43%			0	10	84	8	0	0	0	0	106	
12A-09	40	200	200	leftovers	0	51%	33%		0	20	117	26	0	0	0	0	170	
13A-08	737	550	550	leftovers	0	52%	40%		172	37	135	25	96	0	60	0	517	
13A-16	184	600	599	leftovers	1	47%	40%	14%	272	27	270	41	0	0	0	0	609	
13A-17	18	500	207	leftovers	95	60%	36%	18%	0	24	267	38	0	0	0	0	338	
14A-08	150	150	150	leftovers	0	55%	43%		68	12	41	4	17	4	14	0	159	
14A-18	10	200	151	leftovers	47	41%	41%		81	17	73	7	0	0	3	0	185	
14A-19	1	50	22	leftovers	16	31%	23%		0	3	19	0	0	0	0	0	22	
16A-08	102	20	21	leftovers	0	75%	88%		11	0	11	0	5	0	8	0	35	
16A-09	4	120	69	leftovers	49	64%	30%		0	4	76	0	0	0	28	5	117	
16A-16	389	400	400	leftovers	0	61%	50%	20%	256	29	223	28	0	0	5	2	536	
16A-17	3	300	68	leftovers	58	47%	27%	16%	0	6	82	20	0	0	0	0	109	
17A-01	840	250	251	leftovers	0	52%			84	0	16	0	33	0	0	0	131	
17A-03	20	200	200	leftovers	0	57%			0	13	59	0	0	0	35	3	115	
17A-18	614	400	401	leftovers	0	55%	37%		209	14	168	10	0	0	0	0	391	
17A-19	33	350	330	leftovers	20	48%	24%		0	16	207	19	0	0	4	0	252	
18A-01	397	300	301	leftovers	0	59%			140	6	34	3	4	0	0	0	178	
18A-08	691	400	401	leftovers	0	54%	37%		216	40	132	16	0	0	0	0	395	
18A-09	25	600	526	leftovers	73	38%	19%		5	66	301	58	0	0	4	0	451	
19A-01	436	350	350	leftovers	0	38%			100	7	34	0	0	0	0	0	132	
19A-03	11	200	189	leftovers	11	40%			4	19	54	0	0	0	0	0	80	
19A-09	20	200	192	leftovers	6	59%	22%		0	13	151	8	0	0	0	0	177	
22A-03	56	900	822	leftovers	77	35%			0	26	224	65	0	0	0	0	317	
22A-08	1,232	600	602	leftovers	0	42%	34%		242	31	167	31	0	0	0	0	469	
23A-01	871	450	450	leftovers	0	40%			133	9	29	7	3	0	0	0	180	
23A-03	35	500	489	leftovers	11	53%			0	26	200	33	0	0	0	3	264	
25A-18	373	350	350	leftovers	0	38%	29%		114	8	105	10	0	0	0	0	236	
25A-19	7	150	144	leftovers	6	47%	25%		0	16	86	5	0	0	0	0	108	
26A-06	931	800	802	leftovers	0	58%	52%	29%	471	63	573	46	0	0	0	0	1,153	
26A-07	20	600	349	leftovers	155	62%	39%	20%	8	50	479	101	0	0	0	11	650	
28A-06	763	600	602	leftovers	0	56%	58%	27%	348	55	384	69	0	3	3	6	853	
28A-07	25	700	361	leftovers	141	74%	54%	29%	12	66	570	109	0	0	0	0	772	
29A-01	855	450	452	leftovers	0	58%			185	12	53	6	3	0	0	0	262	
29A-03	86	300	300	leftovers	0	51%			0	15	125	15	0	0	0	0	152	
32A-01	399	400	399	leftovers	0	31%			86	7	29	2	0	0	0	0	123	
32A-08	282	250	251	leftovers	0	37%	31%		90	11	84	3	0	0	0	0	185	
32A-09	22	250	214	leftovers	36	44%	11%		0	9	96	33	0	3	3	0	148	
33A-08	251	100	102	leftovers	0	63%	30%		54	3	23	3	13	0	3	0	97	
33A-17	21	500	425	leftovers	66	73%	47%	25%	0	48	518	65	0	3	3	3	659	
33A-18	621	500	498	leftovers	0	60%	49%		303	29	221	12	0	0	0	0	550	
34A-01	428	300	300	leftovers	0	68%			146	5	48	0	0	0	0	0	203	
34A-03	13	300	290	leftovers	5	42%			0	16	102	10	0	0	0	0	123	

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South Dakota Game Report No 2012-05 - 2011 Big Game Harvest Projections

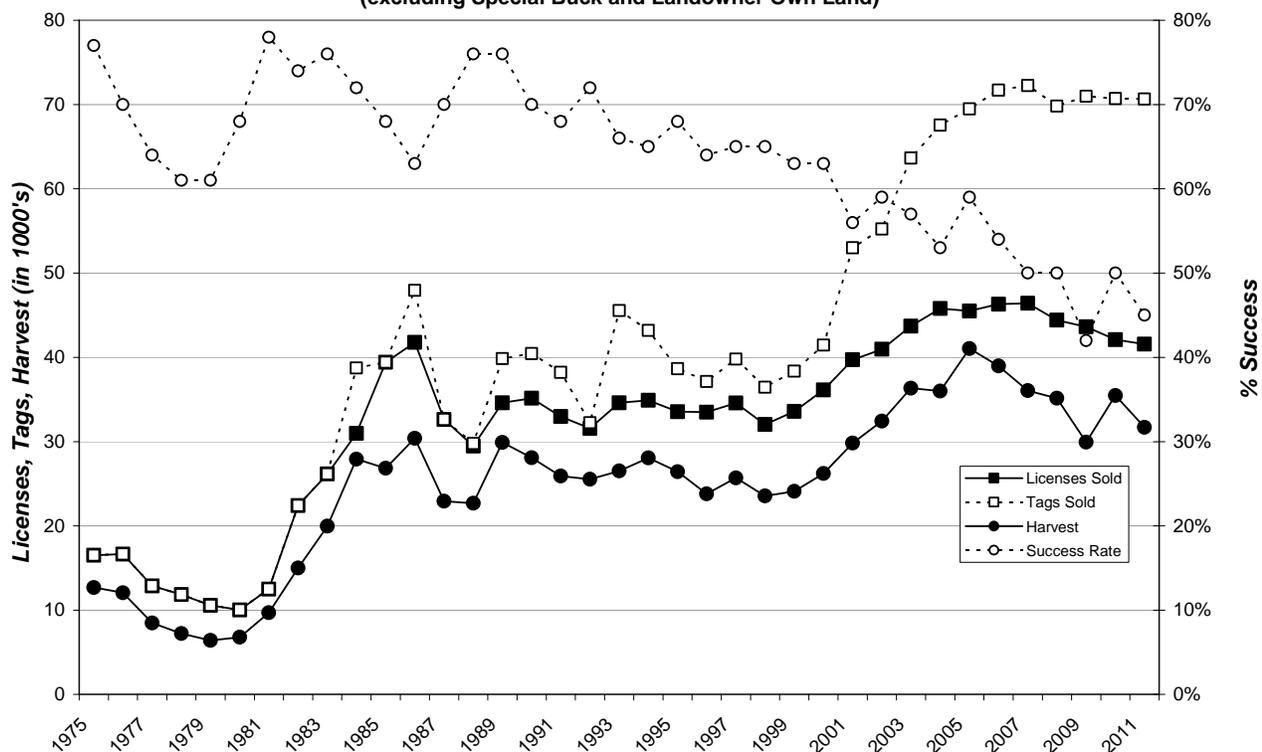
Corey Huxoll

Unit/Type	Licenses						Harvest Projections										Total Deer Harvest
	Resident			Nonresident			Whitetail				Mule Deer						
	Appl. 1st						Bucks		Does		Bucks		Does				
	Choice *	Avail.	Sold	Avail.	Sold	1st tag	2nd tag	3rd tag	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	
36A-01	151	75	75	leftovers	0	62%			31	0	0	0	16	0	0	0	46
36A-08	258	100	102	leftovers	0	63%	43%		44	2	27	4	20	4	12	0	114
36A-09	11	125	119	leftovers	6	61%	37%		0	9	60	12	0	2	35	0	120
36A-18	101	175	174	leftovers	0	59%	38%		107	6	54	9	0	0	2	0	176
37A-01	612	300	302	leftovers	0	68%			165	18	25	2	0	0	0	0	205
37A-03	30	400	389	leftovers	11	44%			0	12	151	9	0	0	0	0	178
38A-08	147	50	51	leftovers	0	67%	56%		30	3	26	3	2	0	0	0	64
38A-16	237	450	450	leftovers	0	66%	50%	22%	307	45	257	32	0	0	0	0	637
38A-17	8	400	90	leftovers	34	59%	35%	26%	0	3	141	11	0	0	0	0	159
40A-01	108	50	50	leftovers	0	61%			24	0	0	0	9	0	0	0	30
40A-13	6	150	137	leftovers	13	52%			3	5	60	8	0	0	2	0	78
40A-18	378	275	275	leftovers	0	63%	46%		165	16	98	19	0	0	2	0	301
40A-19	7	200	175	leftovers	25	64%	37%		5	22	138	25	0	0	0	0	191
42A-01	1,142	800	801	leftovers	0	40%			222	24	64	19	0	0	0	0	323
42A-03	17	300	278	leftovers	22	24%			0	6	47	18	0	0	0	0	72
42A-09	59	350	335	leftovers	15	53%	17%		0	11	214	41	0	0	0	0	269
43A-01	417	200	200	leftovers	0	41%			62	0	20	2	0	0	0	0	81
43A-03	49	300	300	leftovers	0	52%			0	14	117	21	0	0	0	0	157
43A-08	315	150	151	leftovers	0	46%	32%		67	4	52	2	0	0	0	0	122
44A-01	619	250	250	leftovers	0	40%			79	4	19	0	0	0	0	0	101
44A-03	62	250	250	leftovers	0	35%			0	15	64	6	0	2	0	0	87
46A-01	563	300	300	leftovers	0	44%			100	2	27	4	0	0	0	0	133
46A-03	26	300	300	leftovers	0	44%			0	19	98	13	0	0	2	0	133
46A-08	256	100	104	leftovers	0	53%	47%		48	3	37	13	0	0	0	0	102
47A-06	810	600	604	leftovers	0	53%	50%	21%	318	54	325	70	10	0	3	0	771
47A-07	15	600	355	leftovers	145	63%	40%	23%	0	67	440	81	0	3	0	3	604
48A-01	374	400	400	leftovers	0	28%			103	0	13	0	0	0	0	0	113
48A-08	453	400	400	leftovers	0	28%	33%		88	8	139	20	0	0	0	0	253
48A-09	18	400	283	leftovers	117	48%	15%		0	11	185	47	0	0	0	0	248
51A-01	351	250	249	leftovers	0	52%			123	0	13	0	0	0	0	0	129
51A-03	12	200	172	leftovers	28	34%			0	15	43	7	0	0	0	0	69
51A-08	279	200	201	leftovers	0	57%	43%		119	4	87	6	0	0	0	0	213
51A-09	18	150	128	leftovers	22	63%	23%		0	16	100	15	0	0	0	0	138
52A-01	479	300	300	leftovers	0	50%			122	2	19	7	0	0	0	0	150
52A-03	19	200	200	leftovers	0	40%			0	5	73	3	0	0	0	0	81
52A-08	186	100	100	leftovers	0	43%	34%		44	4	30	4	0	0	0	0	82
54A-08	399	150	153	leftovers	0	76%	55%		92	7	72	3	23	2	7	0	208
54A-09	3	200	118	leftovers	26	70%	49%		0	12	124	3	0	8	38	6	193
54A-17	6	250	122	leftovers	36	83%	60%	36%	0	38	233	24	3	0	0	0	297
54A-18	322	450	450	leftovers	0	73%	57%		326	22	244	20	0	0	0	2	610
55A-01	983	500	502	leftovers	0	52%			176	20	53	12	0	0	0	0	259
55A-03	53	500	500	leftovers	0	49%			0	32	187	22	0	0	0	0	245
56A-01	321	200	200	leftovers	0	60%			93	2	29	0	0	0	0	0	121
56A-03	12	200	191	leftovers	9	46%			3	9	72	4	0	0	0	0	91
56A-08	179	150	150	leftovers	0	56%	37%		84	4	51	13	0	0	0	0	147
56A-09	15	100	94	leftovers	6	62%	34%		0	6	85	4	0	0	0	0	99
57A-01	291	300	300	leftovers	0	49%			131	9	4	0	0	0	0	0	148
57A-08	903	800	800	leftovers	0	47%	46%		368	30	380	12	0	0	0	0	798
57A-09	27	400	310	leftovers	90	53%	30%		0	9	286	45	0	0	0	0	329
59A-08	521	150	151	leftovers	0	68%	35%		53	8	31	0	49	2	14	0	161
59A-09	10	250	206	leftovers	44	47%	21%		0	6	66	17	2	7	64	14	178
59A-16	91	250	250	leftovers	0	64%	39%	14%	169	8	108	21	0	0	0	0	299
59B-07	2	200	95	leftovers	17	72%	50%	28%	6	18	115	18	0	0	5	0	166
59B-08	250	350	350	leftovers	0	69%	44%		231	12	128	17	6	2	4	0	395
61A-01	581	300	299	leftovers	0	37%			92	3	18	0	0	0	0	0	110
61A-03	34	450	446	leftovers	4	37%			0	6	145	12	0	0	0	0	167
62A-01	626	350	351	leftovers	0	52%			128	13	38	2	0	0	0	0	184
62A-03	18	300	288	leftovers	13	45%			0	13	116	7	0	0	0	0	135
62A-09	55	100	101	leftovers	0	62%	26%		0	5	89	0	0	0	0	0	93
63A-08	342	50	50	leftovers	0	54%	38%		12	5	15	0	10	0	0	0	48
63A-09	12	120	76	leftovers	44	55%	31%		0	10	54	9	0	3	25	10	105
63A-16	258	400	400	leftovers	0	64%	53%	24%	269	34	226	57	0	0	0	0	583
63A-17	5	300	108	leftovers	79	69%	37%	12%	0	9	171	33	0	0	3	0	219
Totals	35,774	43,035	39,602	leftovers	1,950	1st tag	2nd tag	3rd tag	10,569	2,053	16,111	2,125	333	51	399	72	31,712
						Type 06/16=	59%	50%	22%								
						Type 07/17=	67%	43%	23%								
						Type 08/18=	53%	41%									
						Type 09/19=	54%	25%									

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

East River Deer Regular Season 1975-2011

(excluding Special Buck and Landowner Own Land)



2011 East River LOL Harvest Projections

Last Revised: 30-Apr-12

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						
ER1-01	Unitd	2,161	2,161	73%	40%	708	16	90	4	32	0	5	0	856	4.58	4.61	
ER1-08	Unitd	3,326	6,652	68%	38%	1,292	94	968	88	51	2	35	0	2,530	4.79	4.73	
Totals		5,487	8,813	69.8%	38%	2,000	110	1,058	91	83	2	41	0	3,385	4.71	4.68	

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

2011 East River LOL Deer Harvest Distribution

Last Revised: 30-Apr-12

County	Reported Harvest									Projected Harvest								Total Estimate	%	
	Whitetail				Mule Deer					Whitetail				Mule Deer						
	Bucks		Does		Bucks		Does			Bucks		Does		Bucks		Does				
Minnehaha	17	1	16	0	0	0	0	0	0	34	33	2	33	0	0	0	0	0	68	2.0%
Brown	32	1	17	2	0	0	0	0	0	52	62	2	35	4	0	0	0	0	103	3.0%
Beadle	44	3	22	1	0	0	0	0	0	70	86	6	45	2	0	0	0	0	139	4.1%
Codington	20	2	7	0	0	0	0	0	0	29	39	4	14	0	0	0	0	0	57	1.7%
Brookings	25	2	14	1	0	0	0	0	0	42	49	4	29	2	0	0	0	0	83	2.5%
Yankton	40	2	24	2	0	0	0	0	0	68	78	4	49	4	0	0	0	0	135	4.0%
Davison	19	1	16	1	0	0	0	0	0	37	37	2	33	2	0	0	0	0	74	2.2%
Aurora	41	1	29	3	0	0	0	0	0	74	80	2	59	6	0	0	0	0	147	4.3%
Bon Homme	20	1	10	0	1	0	0	0	0	32	39	2	20	0	2	0	0	0	63	1.9%
Brule	29	2	11	3	1	0	2	0	0	48	56	4	22	6	2	0	5	0	95	2.8%
Buffalo	6	1	4	0	1	0	0	0	0	12	12	2	8	0	2	0	0	0	24	0.7%
Campbell	17	0	6	0	5	0	3	0	0	31	33	0	12	0	9	0	7	0	62	1.8%
Charles Mix	80	2	25	5	16	0	3	0	0	131	156	4	51	10	30	0	7	0	258	7.6%
Clark	17	1	6	1	0	0	0	0	0	25	33	2	12	2	0	0	0	0	49	1.5%
Clay	6	0	4	0	0	0	0	0	0	10	12	0	8	0	0	0	0	0	20	0.6%
Day	20	0	13	3	0	0	0	0	0	36	39	0	27	6	0	0	0	0	72	2.1%
Deuel	7	1	6	1	0	0	0	0	0	15	14	2	12	2	0	0	0	0	30	0.9%
Douglas	27	0	10	0	0	0	1	0	0	38	52	0	20	0	0	0	2	0	75	2.2%
Edmunds	25	1	11	0	0	0	0	0	0	37	49	2	22	0	0	0	0	0	73	2.2%
Faulk	23	1	11	1	0	0	0	0	0	36	45	2	22	2	0	0	0	0	71	2.1%
Grant	16	3	12	2	0	0	0	0	0	33	31	6	25	4	0	0	0	0	66	1.9%
Hamlin	15	0	8	0	0	0	0	0	0	23	29	0	16	0	0	0	0	0	46	1.3%
Hand	68	1	19	3	3	1	4	0	0	99	132	2	39	6	6	2	9	0	196	5.8%
Hanson	14	2	6	2	0	0	0	0	0	24	27	4	12	4	0	0	0	0	48	1.4%
Hughes	11	1	9	0	5	0	0	0	0	26	21	2	18	0	9	0	0	0	51	1.5%
Hutchinson	34	5	20	2	0	0	0	0	0	61	66	10	41	4	0	0	0	0	121	3.6%
Hyde	9	0	4	0	1	0	2	0	0	16	17	0	8	0	2	0	5	0	32	0.9%
Jerauld	38	0	15	1	4	0	1	0	0	59	74	0	31	2	8	0	2	0	116	3.4%
Kingsbury	15	2	9	0	0	0	0	0	0	26	29	4	18	0	0	0	0	0	52	1.5%
Lake	17	2	12	0	0	0	0	0	0	31	33	4	25	0	0	0	0	0	62	1.8%
Lincoln	10	0	2	0	0	0	0	0	0	12	19	0	4	0	0	0	0	0	24	0.7%
McCook	20	2	7	1	0	0	0	0	0	30	39	4	14	2	0	0	0	0	59	1.8%
McPherson	14	1	8	1	0	0	0	0	0	24	27	2	16	2	0	0	0	0	48	1.4%
Marshall	8	1	7	0	0	0	0	0	0	16	16	2	14	0	0	0	0	0	32	0.9%
Miner	19	1	11	1	0	0	0	0	0	32	37	2	22	2	0	0	0	0	64	1.9%
Moody	16	0	7	0	0	0	0	0	0	23	31	0	14	0	0	0	0	0	45	1.3%
Potter	14	0	7	1	1	0	1	0	0	24	27	0	14	2	2	0	2	0	48	1.4%
Roberts	28	0	15	2	0	0	0	0	0	45	54	0	31	4	0	0	0	0	89	2.6%
Sanborn	38	5	26	1	0	0	0	0	0	70	74	10	53	2	0	0	0	0	139	4.1%
Spink	42	0	19	3	0	0	0	0	0	64	82	0	39	6	0	0	0	0	127	3.7%
Sully	18	1	5	0	2	0	0	0	0	26	35	2	10	0	4	0	0	0	51	1.5%
Turner	10	0	10	0	0	0	0	0	0	20	19	0	20	0	0	0	0	0	40	1.2%
Union	19	1	9	0	0	0	0	0	0	29	37	2	18	0	0	0	0	0	57	1.7%
Walworth	21	2	9	1	4	0	1	0	0	38	41	4	18	2	8	0	2	0	75	2.2%
Unknown	27	4	28	2	0	0	3	0	0	64										
TOTALS		1,056	57	546	47	44	1	21	0	1,772	2,000	110	1,058	91	83	2	41	0	3,385	

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!

2011 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				
	13-Apr-12				Bucks	Does	Bucks	Does			
ER-01	500	500	86%	58%	239	16	33	1	289	4.99	5.46

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

2011 East River Special Buck Harvest Distribution

County	Reported Harvest					Projected Harvest					Projected	%
	Whitetail		Mule Deer		Total	Whitetail		Mule Deer		Total		
	Bucks	Does	Bucks	Does		Bucks	Does	Bucks	Does			
Minnehaha	6	0	0	0	6	8	0	0	0	8	2.7%	
Brown	8	0	0	0	8	10	0	0	0	10	3.6%	
Beadle	4	0	0	0	4	5	0	0	0	5	1.8%	
Codington	4	1	0	0	5	5	1	0	0	7	2.3%	
Brookings	10	1	0	0	11	13	1	0	0	15	5.0%	
Yankton	10	0	0	0	10	13	0	0	0	13	4.5%	
Davison	3	1	0	0	4	4	1	0	0	5	1.9%	
Aurora	3	0	0	0	3	4	0	0	0	4	1.4%	
Bon Homme	3	3	0	0	6	4	4	0	0	8	2.9%	
Brule	2	0	0	0	2	3	0	0	0	3	0.9%	
Buffalo	0	0	0	0	0	0	0	0	0	0	0.0%	
Campbell	1	0	5	0	6	1	0	7	0	8	2.7%	
Charles Mix	10	0	8	0	18	13	0	10	0	23	8.1%	
Clark	4	0	0	0	4	5	0	0	0	5	1.8%	
Clay	2	0	0	0	2	3	0	0	0	3	0.9%	
Day	6	0	0	0	6	8	0	0	0	8	2.7%	
Deuel	1	0	0	0	1	1	0	0	0	1	0.5%	
Douglas	0	0	0	0	0	0	0	0	0	0	0.0%	
Edmunds	2	1	0	0	3	3	1	0	0	4	1.4%	
Faulk	3	0	0	0	3	4	0	0	0	4	1.4%	
Grant	4	0	0	0	4	5	0	0	0	5	1.8%	
Hamlin	4	0	0	0	4	5	0	0	0	5	1.8%	
Hand	11	0	0	0	11	14	0	0	0	14	5.0%	
Hanson	1	0	0	0	1	1	0	0	0	1	0.5%	
Hughes	3	0	3	0	6	4	0	4	0	8	2.7%	
Hutchinson	3	0	0	0	3	4	0	0	0	4	1.4%	
Hyde	1	0	2	0	3	1	0	3	0	4	1.4%	
Jerauld	2	0	1	1	4	3	0	1	1	5	1.8%	
Kingsbury	0	0	0	0	0	0	0	0	0	0	0.0%	
Lake	3	1	0	0	4	4	1	0	0	5	1.9%	
Lincoln	7	0	0	0	7	9	0	0	0	9	3.2%	
McCook	3	0	0	0	3	4	0	0	0	4	1.4%	
McPherson	2	0	0	0	2	3	0	0	0	3	0.9%	
Marshall	4	0	0	0	4	5	0	0	0	5	1.8%	
Miner	4	0	0	0	4	5	0	0	0	5	1.8%	
Moody	2	0	0	0	2	3	0	0	0	3	0.9%	
Potter	10	0	2	0	12	13	0	3	0	16	5.4%	
Roberts	2	0	0	0	2	3	0	0	0	3	0.9%	
Sanborn	1	0	0	0	1	1	0	0	0	1	0.5%	
Spink	6	0	0	0	6	8	0	0	0	8	2.7%	
Sully	9	0	3	0	12	12	0	4	0	16	5.4%	
Turner	7	0	0	0	7	9	0	0	0	9	3.2%	
Union	10	3	0	0	13	13	4	0	0	18	6.1%	
Walworth	2	0	1	0	3	3	0	1	0	4	1.4%	
Unknown	22	3	3	0	28							
TOTALS	205	14	28	1	248	239	16	33	1	289		

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 329 licenses issued for the 2011 Wildlife Refuge Deer seasons, which included 220 at Sand Lake (199 residents and 21 nonresidents); 45 at Lacreek (41 residents and 4 nonresidents); and 64 at Waubay (63 residents and 1 nonresident).

All license-holders for each season were surveyed and response rates for Sand Lake, Lacreek, and Waubay refuges were 78%, 91%, and 77%, respectively. Approximately 73% of survey recipients responded through the Internet.

The seasons had different opening dates at each refuge. The average days hunted were 3.30 at Sand Lake, 5.10 at Lacreek and 3.82 at Waubay.

The reported harvest at the refuges consisted of only white-tailed deer. The projected harvest for Sand Lake was 30 bucks and 51 does, for Lacreek was 16 bucks and 9 does, and for Waubay was 9 bucks and 7 does. The projected success rate for Sand Lake was 18%, for Lacreek was 45%, and for Waubay was 25%.

Harvest summaries for 2002-2011 National Wildlife Refuge Deer Seasons

SAND LAKE NATIONAL WILDLIFE REFUGE

YEAR	LICENSES	BUCKS	DOES	% SUCCESS	AVE DAYS HUNTED
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
2011	220	30	51	18%	3.30

LACREEK NATIONAL WILDLIFE REFUGE

YEAR	LICENSES	BUCKS	DOES	% SUCCESS	AVE DAYS HUNTED
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
2011	45	16	9	45%	5.10

WAUBAY NATIONAL WILDLIFE REFUGE

YEAR	LICENSES	BUCKS	DOES	% SUCCESS	AVE DAYS HUNTED
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
2011	64	9	7	25%	3.82

2011 Sand Lake Refuge Deer Harvest Projections

Last Revised:		Licenses						Harvest Projections								
13-Apr-12		Resident			Nonresident			Response Rate	Unit/Subunit	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	131	30	30	11	3	3	82%	#	22%	6	1	0	0	7	3.15	3.26
Same Season 2nd Tag									4%	0	1	0	0	1		
SL1-09	1	10	10	0	1	1	91%		0%	0	0	0	0	0	2.50	2.90
Same Season 2nd Tag									0%	0	0	0	0	0		
SL2-08	106	30	31	9	3	3	76%	#	46%	12	4	0	0	16	3.54	4.73
Same Season 2nd Tag									19%	0	7	0	0	7		
SL2-09	1	10	10	1	1	1	45%	#	80%	0	9	0	0	9	2.00	2.60
Same Season 2nd Tag									20%	0	2	0	0	2		
SL3-08	35	30	30	1	3	3	76%	#	28%	7	3	0	0	9	3.44	3.44
Same Season 2nd Tag									12%	0	4	0	0	4		
SL3-09	5	10	10	2	1	0	50%	#	40%	0	4	0	0	4	2.80	3.20
Same Season 2nd Tag									20%	0	2	0	0	2		
SL4-08	43	30	31	3	3	2	85%	#	43%	5	9	0	0	14	3.96	3.14
Same Season 2nd Tag									18%	1	5	0	0	6		
SL4-09	1	10	7	1	1	4	73%	#	0%	0	0	0	0	0	1.88	1.50
Same Season 2nd Tag									0%	0	0	0	0	0		
SL5-08	0	30	30	0	3	3	85%	#	18%	2	4	0	0	6	3.04	2.86
Same Season 2nd Tag									11%	0	4	0	0	4		
SL5-09	0	10	10	0	1	1	91%		10%	0	1	0	0	1	3.40	3.20
Same Season 2nd Tag									0%	0	0	0	0	0		
Licenses	323	200	199	28	20	21	78.2%	#	18%	30	51	0	0	81	3.24	3.30
Tags		400	398		40	42										

2011 Lacreek Refuge Deer Harvest Projections

		Resident			Nonresident			Response Rate	Unit/Subunit	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	156	15	15	6	2	2	88%		53%	8	1	0	0	9	3.13	5.13
LC1-19	2	5	5	0	1	0	100%		80%	0	4	0	0	4	3.40	6.00
Same Season 2nd Tag									40%	0	2	0	0	2		
LC2-11	134	15	15	11	2	2	88%		47%	8	0	0	0	8	3.20	5.07
LC2-19	0	5	6	0	1	0	100%		33%	0	2	0	0	2	1.33	4.33
Same Season 2nd Tag									17%	0	1	0	0	1		
Licenses	292	40	41	17	6	4	91.1%		45%	16	9	0	0	25	2.93	5.10
Tags		50	52		8	4										

All units require the use of muzzleloader firearms.

2011 Waubay Refuge Deer Harvest Projections

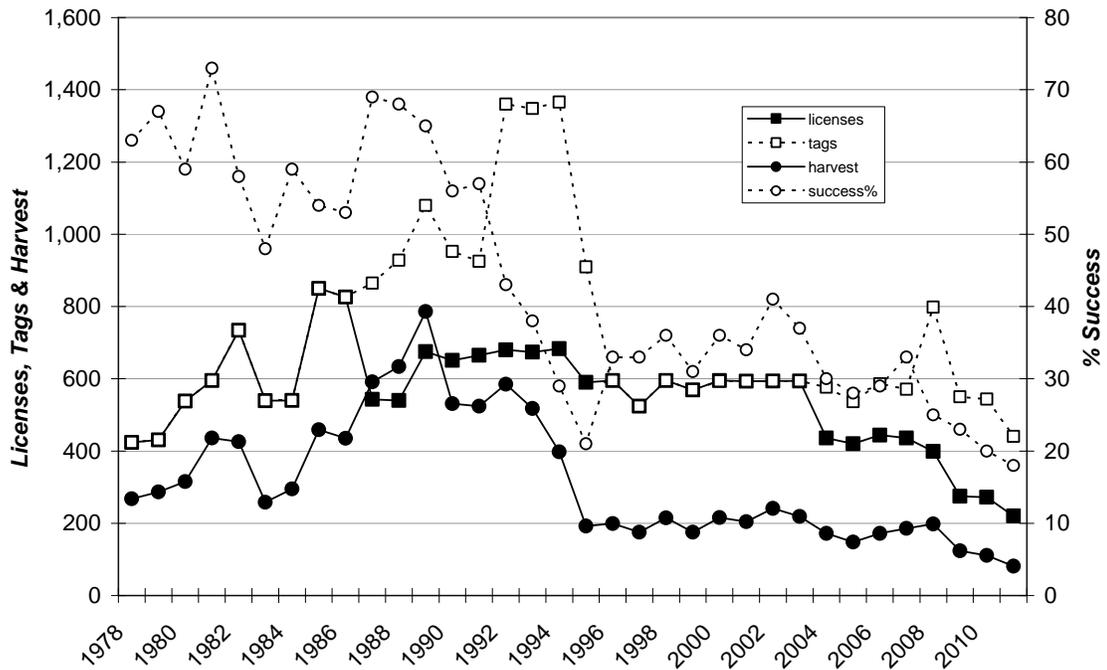
		Licenses						Harvest Projections								
		Resident			Nonresident			Response Rate	Unit/Subunit	Whitetail		Mule Deer		Total Deer Harvested	Mean Satisf	Avg Days Hunted
Unit/Type	Appl. 1st Choice *	Available	Sold	Appl. 1st Choice *	Available	Sold	Bucks			Does	Bucks	Does				
WA1-01	55	20	22	0	2	0	77%	#	47%	6	4	0	0	10	2.35	4.24
WA2-01	11	20	21	0	2	1	86%		26%	2	3	0	0	6	1.47	4.00
WA3-01	22	20	20	0	2	0	65%	#	0%	0	0	0	0	0	3.85	3.00
Licenses	88	60	63	0	6	1	76.6%	#	25%	9	7	0	0	16	2.41	3.82

Response rate for all units combined was: **76.6%**

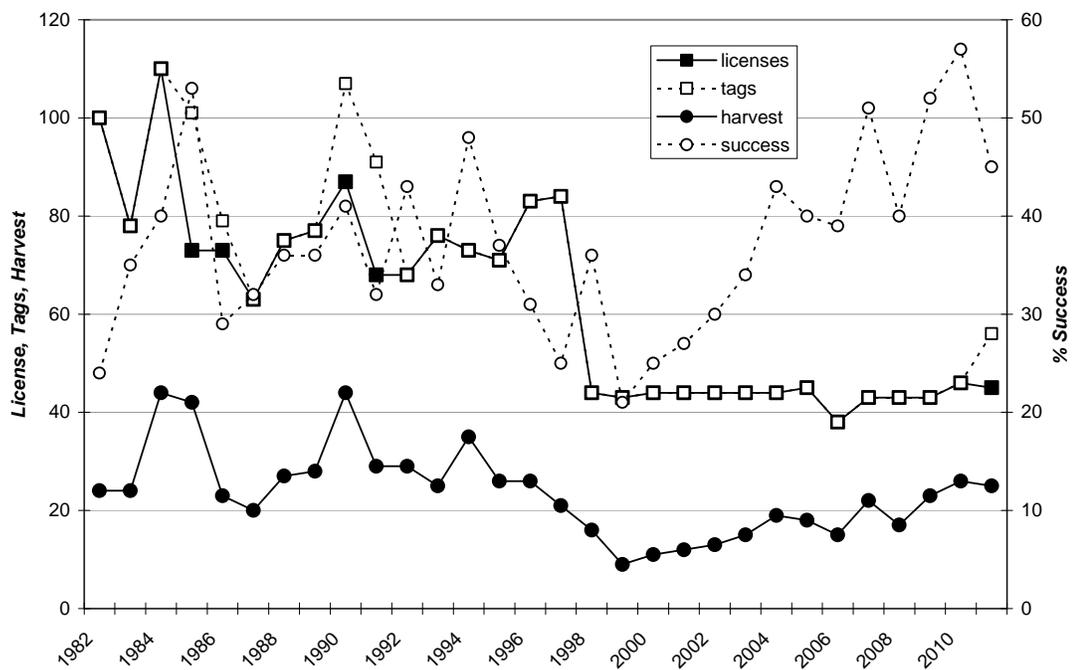
Units with less than 85% response rate and may not be within accepted tolerance for data accuracy.

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

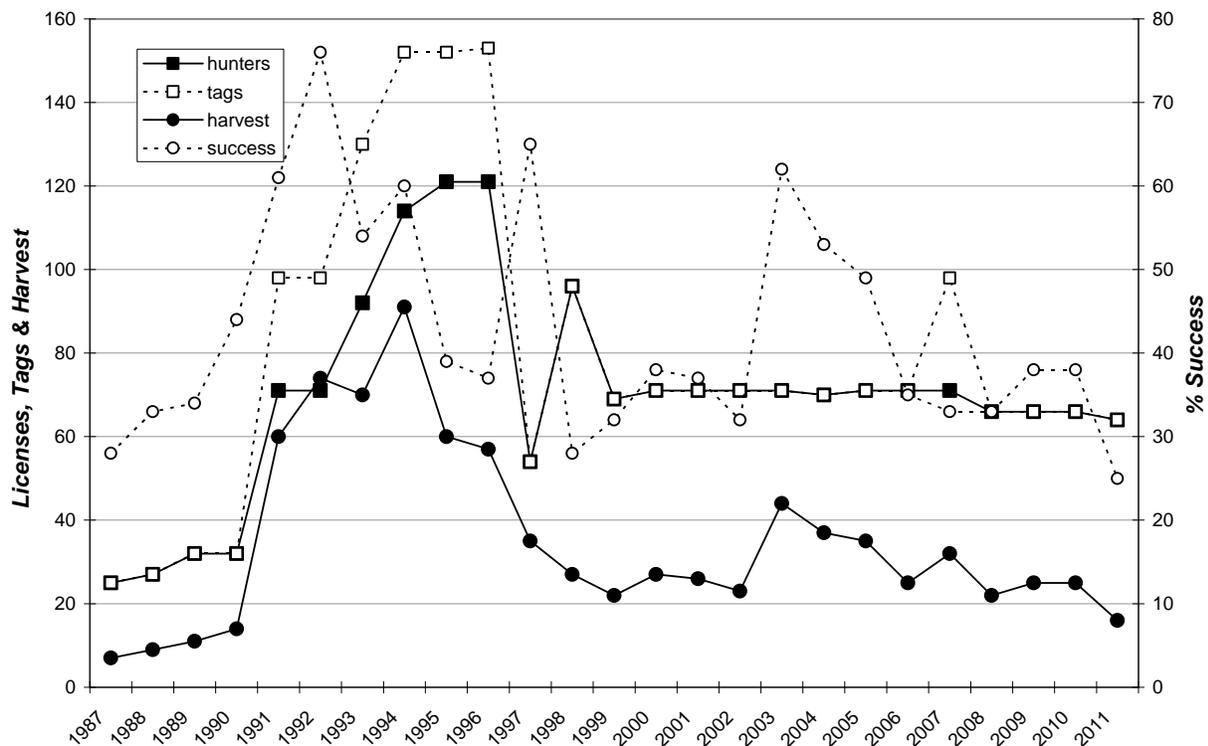
Sand Lake National Wildlife Refuge 1978-2011



Lacreek National Wildlife Refuge 1982-2011



Waubay National Wildlife Refuge 1987-2011



BLACK HILLS DEER

There were 4,466 single-tag licenses issued for the 2011 Black Hills Deer season (4,137 resident, 329 nonresident).

A random sample of 3,644 hunters was taken (82% of license holders) and there were 2,251 responses for a 62% return rate. All responses were received through Internet.

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 4.78 days, which projected to 21,348 recreation days for the season. Of those responding, 8% stated they did not hunt at all during the season.

The mean satisfaction score for all combined units was 4.89 on a scale ranging from 1 = "very dissatisfied" to 7 = "very satisfied".

The harvest projection for the Black Hills Deer season was 2,530 deer (1,948 adult whitetail bucks, 63 fawn whitetail bucks, 357 adult whitetail does, 44 fawn whitetail does, 105 adult mule deer bucks, 2 fawn mule deer bucks, 10 adult mule deer does and no fawn mule deer does). The overall season harvest success rate was 57%, the same as in 2010.

Hunters reported seeing an average of 50 deer, including 9 bucks during their hunt. The most common responses were 20 deer and 2 bucks seen while hunting.

Including the estimated Black Hills harvest of 1,245 deer from the Archery, Youth and Muzzleloader seasons, approximately 3,775 deer were harvested in the Black Hills proper.

Harvest summaries for the 2001-2011 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
2011	4,137	329	2,011	107	401	10	2,530	57%	4.78	4.89

2011 Black Hills Deer Harvest Projections

Last Revised: 12 Jan 2012

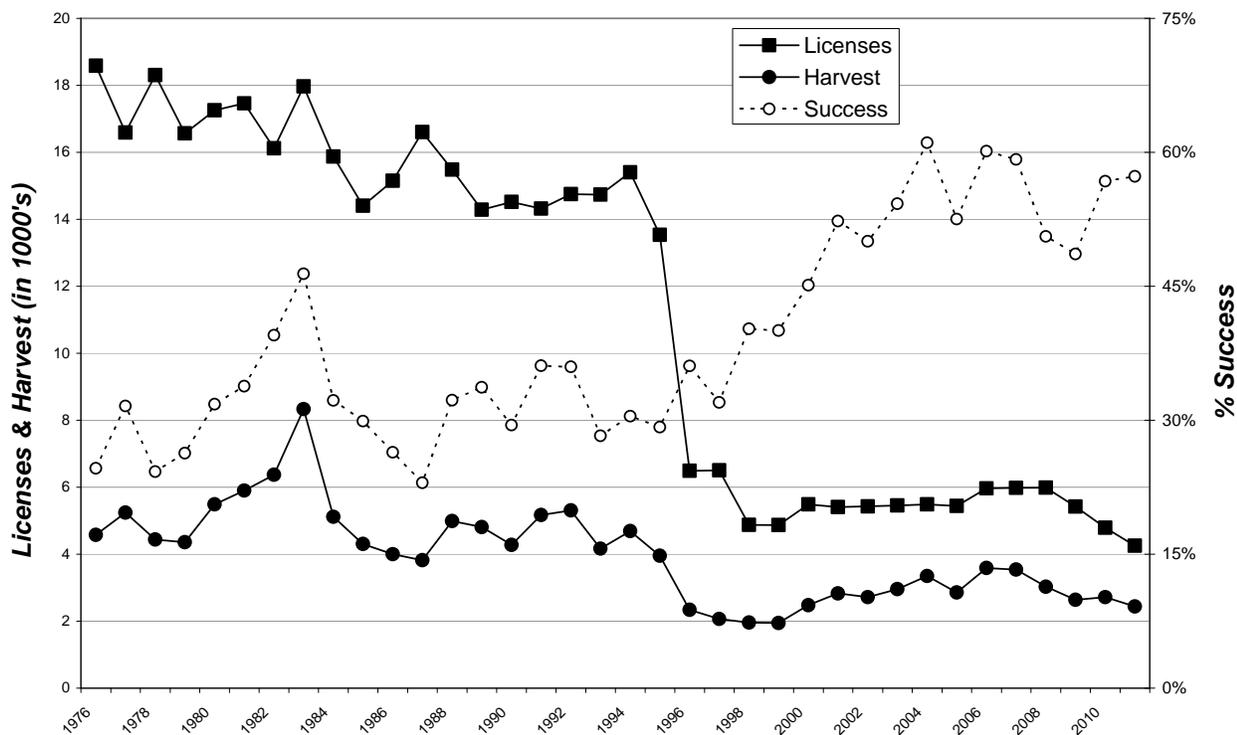
Unit/Type	Licenses								Harvest Projections												
	Resident				Nonresident				Resp.	Success	Whitetail				Mule Deer				Total Deer Harvested	Mean Satisfctn Score	Avg Days Hunted
	App. 1st		App. 1st		Bucks	Does	Bucks	Does			Adult	Fawn	Adult	Fawn							
	Choice *	Avail.	Choice *	Avail.											Adult	Fawn	Adult	Fawn			
BH1-01	3,928	400	434	304	32	32	64%	58%	143	8	11	2	101	0	8	0	273	5.13	5.01		
BH1-11	6,916	3,500	3,503	620	280	281	62%	57%	1,803	43	276	33	4	2	2	0	2,163	4.88	4.86		
BD1-13	124	200	200	62	16	16	57%	43%	2	13	70	9	0	0	0	0	94	4.37	2.62		
	10,968	4,100	4,137	986	328	329	61.8%	57%	1,948	63	357	44	105	2	10	0	2,530	4.89	4.78		

The response rate for all units combined is: **61.8%**

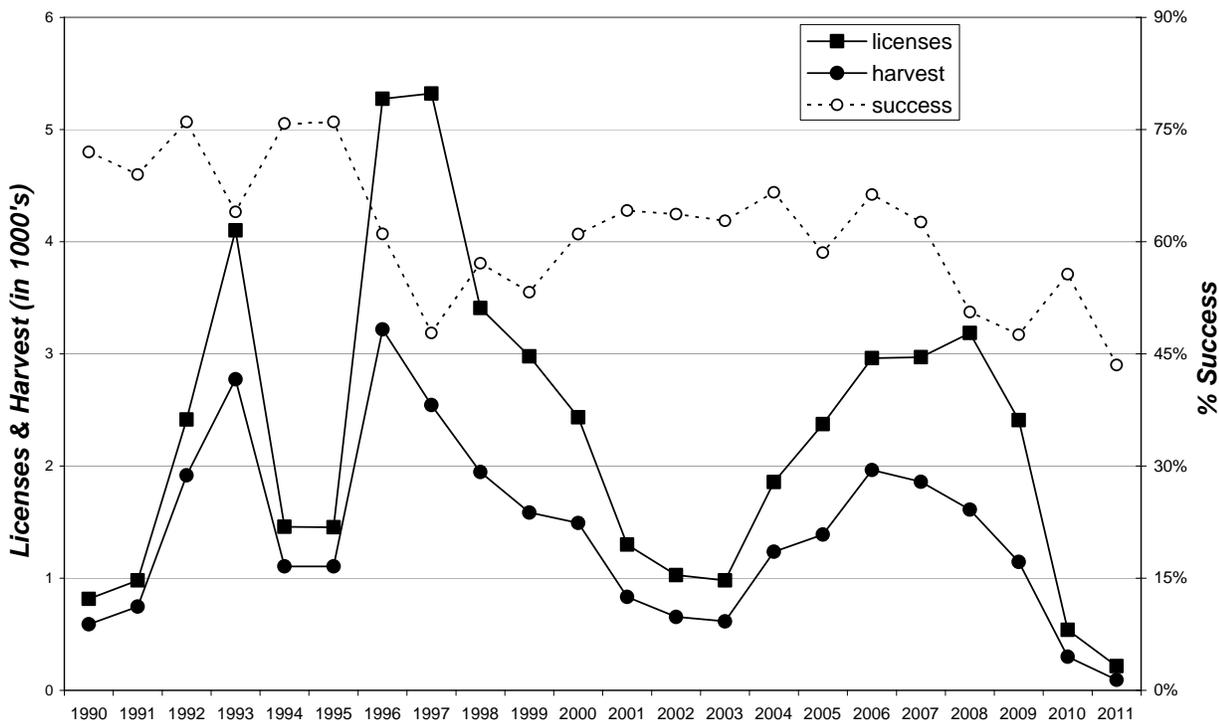
Satisfaction scale of 1=very dissatisfied to 7=very satisfied.

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

Black Hills Buck/Any Deer 1976-2011



Black Hills Antlerless Deer 1990-2011



MOUNTAIN GOAT

There was no season for Mountain Goats in the Black Hills for 2011.

Comparison of the 1997-2011 Black Hills Mountain Goat seasons

Year	Apps/License	Billies Harvested	Nannies Harvested	Success	Avg. Days Hunted
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
2007-2011	No Season				

BIGHORN SHEEP

This was the twelfth year bighorn sheep licenses were made available outside Custer State Park. The 2011 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 3,614 applicants for the three any-bighorn licenses (2,950 for unit 1 and 664 for unit 2). All hunters were surveyed and all were successful at harvesting a ram. They reported hunting 20 total days, an average of 6.7 days per hunter.

Comparison of the 2000-2011 Black Hills Bighorn Sheep seasons

Year	Apps/License	Rams Harvested	Ewes Harvested	Success	Avg. Days Hunted
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
2011	3,614/3	3	0	100%	6.7

MOUNTAIN LION

The 2011 season opened on January 1 and ended on February 21 when it was closed due to the total harvest quota being met. The quota for 2011 was 45 total or 30 female lions. There were 2,325 mountain lion licenses issued in 2011.

All license holders were sampled and the survey response rate was 75%. The overall success rate for the statewide unit was 2.02%, with 21 males and 26 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 2007-2011 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
2011	2,325	26	21	2.02%	1,790	5.11

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

CUSTER STATE PARK

CSP ANTELOPE

All hunters reported and hunted during the season. Two mature bucks and one yearling were killed during the any season. The doe/kid season was closed in 2011. Survey data from the previous spring and summer indicate a density of 204 pronghorn with fawn:doe ratios of 82%. The buck to doe ratio was 42% in 2011. We will continue to monitor the herd with spring and summer surveys.

Summary comparison of the 2009-2011 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
2011	1,170/3	3	0	3	100%	1.3

CSP DEER

Forty-six of 47 hunters reported. *For the white-tail doe season 6 of 34 reported hunters did not hunt; however, for the 28 hunters that hunted, 23 killed antlerless deer (82%). During the antlerless season, some hunters were not successful ($n = 5$, 18%). This year the antlerless doe season was a single tag. Overall, roughly half the number of antlerless deer were harvested compared with last year (44 antlerless deer in 2010). For the any deer seasons both mature mule deer and white-tailed bucks were killed.

Summary comparison of the 2001-2011 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
2011	1,831/47	10 bucks, 23 does	2 bucks	88%	2.6

CSP SPRING TURKEY

We collected information from 91 report cards. We had 7 hunters (8%) which did not hunt and participate in the CSP hunt. Therefore, 92% ($n = 84$) 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 70% (59 of 84). We have seen a continual decrease in harvest success since 2008. Certainly, the cold wet springs over the past 3 seasons have contributed to fewer birds being recruited into the population. Age breakdowns provided some interesting results. The majority of birds harvested were mature gobblers (2+ years of age) at 99%, with a break down of ages including juveniles at 2%, 2-year olds at 23%, 3-year olds at 27%, and 4+-year olds at 48%. Again, the harvest included many more 4+-year olds 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 2001-2011 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
2011	664/135	59	70%	3.00

*Harvest and success for CSP Spring Turkey were estimated assuming all nonrespondents were unsuccessful. The 2006-11 estimates were based on the sample reporting.

CSP BIGHORN SHEEP

Population surveys indicated a low population of approximately 25 bighorns in Custer State Park. Surveys indicate 3 lambs have survived through March 2012. 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 2001-2011 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
2005-2011	CLOSED			

CSP ARCHERY ELK

Early: All 3 hunters reported and one hunter harvested an elk for a success rate of 33%. Comments were primarily related to few elk being seen by hunters and that they thought the population was way down.

Late: All 15 hunters reported and 2 hunters that received a license did not hunt. Hunters were not successful for a harvest success rate of 0%. An estimated 84 days of recreation with an average of 6.5 days of recreation/hunter was lower than last year. Most comments focused on not seeing many elk and they indicated that made the hunt less enjoyable.

The 2011 season statistics were:

Unit	Licenses Available	Licenses Sold	Response Rate	Success	Harvest		
					Bulls	Cows	Total
CU1-21	3	3	100%	33%	1	0	1
CU1-21	15	15	100%	0%	0	0	0
Total	18	18	100%	0%	1	0	1

Summary comparison of the 2001-2011 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	7,037	58	5	3	15%	10.4
2010	7,284	35	0	0	0%	11.2
2011	7,233	18	1	0	6%	7.8

CSP FIREARM ELK

All hunters reported and 10 of 11 hunters harvested elk. The success rate increased over last year and was 91%. Comments mostly focused on very few elk were seen and that more elk would be nice while hunting.

The 2011 statistics were:

Unit	Licenses Available	Licenses Sold	Response Rate	Success	Harvest		
					Bulls	Cows	Total
CU1-21	11	11	100%	91%	10	0	10
CU1-23	0	0	NA	NA	0	0	0
CU2-23	0	0	NA	NA	0	0	0
CU3-23	0	0	NA	NA	0	0	0
Total	11	11	100%	91%	10	0	10

Summary comparison of the 2001-2011 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
2011	12,060/11	10	0	91%	5.50

WORKING POPULATION ESTIMATES

DEER

All prairie deer units were divided into five data analysis units (DAU's). Deer within individual DAUs were assumed to have similar demographics. Annual survival (s) and hunter harvest mortality [(hm) -the proportion of total mortality caused from hunter harvest] rates were estimated based on recent research findings obtained in those designated DAU's or the Northern Great Plains Region. Survival and hm rates were quantified separately between species and geographical area. The 2011 harvest projections (h) (including total harvest of all user groups combined) were calculated for each Prairie deer unit and then analyzed at the DAU level. The 2011 post-reproduction population estimate (n) was then formulated for each DAU and combined for a east and west river prairie estimate using the formula: $N = ((h)/(hm)) / (1-s)$.

Pre-season estimates for deer are derived when populations are at their highest before any hunting or other sources of mortality have occurred. Therefore, pre-season estimates for deer do not take into account additional mortality factors that occur on populations over the summer months.

The pre-reproduction estimates (pN) (remaining population after all mortality factors are taken into account) were then derived for each DAU using the formula: $pN = (n) - ((h)/(hm))$

All Black Hills deer units were combined into one DAU. Black Hills deer populations were estimated separately for each species. Data obtained through the fall deer classification survey estimated an overall white-tailed deer fawn:doe ratio of 0.64:1 and a buck:doe sex ratio of 0.30:1. Mule deer estimates included a fawn:doe ratio of 0.67:1 and a buck:doe ratio of 0.35:1. Survival estimates and cause-specific mortality information quantified over the last 15 years was calculated using radio-collared individuals throughout the Black Hills. Predation rates were obtained through recent predator-prey interaction findings and these rates were included in modeling procedures along with the 2011 firearm, archery, muzzleloader, and youth hunter harvest information.

ELK

All Black Hills elk units were combined into one DAU. Data obtained through the fall herd composition survey estimated an overall calf:cow ratio of 0.52:1 and a bull:cow sex ratio of 0.27:1. Survival estimates and cause-specific mortality information was quantified separately between sexes, and those estimates were calculated using radio-collared individuals that have been monitored over the previous ten years. The 2011 hunter harvest information was combined and analyzed at the DAU level. The 2011 pre-season estimate was formulated using a combination of different modeling techniques using all available data resources. Pre-season estimates for elk are derived when populations are at their highest before any hunting or other sources of mortality have occurred. Therefore, pre-season estimates for elk do not take into account additional mortality factors that occur on populations over the summer months.

The Wind Cave National Park elk estimate was generated through aerial surveying procedures. Surveys were conducted using a Robinson R44 helicopter at speeds between 40-50 mph, approximately 100-150ft above ground level. The entire unit was searched systematically when no snow cover was present. Using a sightability model, actual counts were adjusted based on group size and the amount of vegetative cover present.

PRONGHORN

Pronghorn estimates were generated through aerial surveying procedures. During spring green-up, twenty seven pronghorn units were flown and surveyed using a fixed-winged aircraft at speeds less than 100 mph and altitudes between 200-300 ft. Units were flown using north-south transect centerlines 1.5 miles apart. In units with high densities of pronghorn one-third of the transects in each unit were surveyed and counts were then extrapolated to estimate the adult pronghorn population for the entire unit. In lower density units east of the Missouri River all transects were flown. Adult pronghorn estimates were then entered into a projection model and the 2011 statewide recruitment estimate of 67 fawns per 100 does was used to formulate a pre-season population estimate.

BIGHORN SHEEP

Four herds of bighorn sheep currently reside in the Black Hills area and population estimates were formulated for individual herds and compiled for a total Black Hills estimate. Ground counts were conducted from October thru January 2012, and the ratio of radio-collared ewes (marked) vs. unmarked ewes was recorded. A Lincoln-Peterson mark-recapture model was used to estimate population size of each herd in the northern Hills. Maximum ground counts of bighorns in the Elk Mountain range were adjusted based on LP estimates and maximum count ratios in the northern Hills, because we assume detectability rates during the survey were < 100%. The Badlands National Park bighorn sheep estimate was quantified by National Parks Service personnel, using similar methodology. Bighorn sheep estimates do not include lambs.

South Dakota Game Report No 2012-05 - 2011 Big Game Harvest Projections
 Corey Huxoll

MOUNTAIN GOAT

Mountain goat estimates were generated through aerial surveying procedures. Three surveys were flown during the first two weeks of June 2012 using a Hughes MD500D helicopter. Aerial sightability rates have been quantified annually since 2007 using radio-collared individuals. The 6-year average rate (19.4%) was used to adjust for individuals not detected during the survey and the adjusted average group size between the 3 flights was calculated and used as the overall herd estimate. Mountain goat estimates do not include kids.

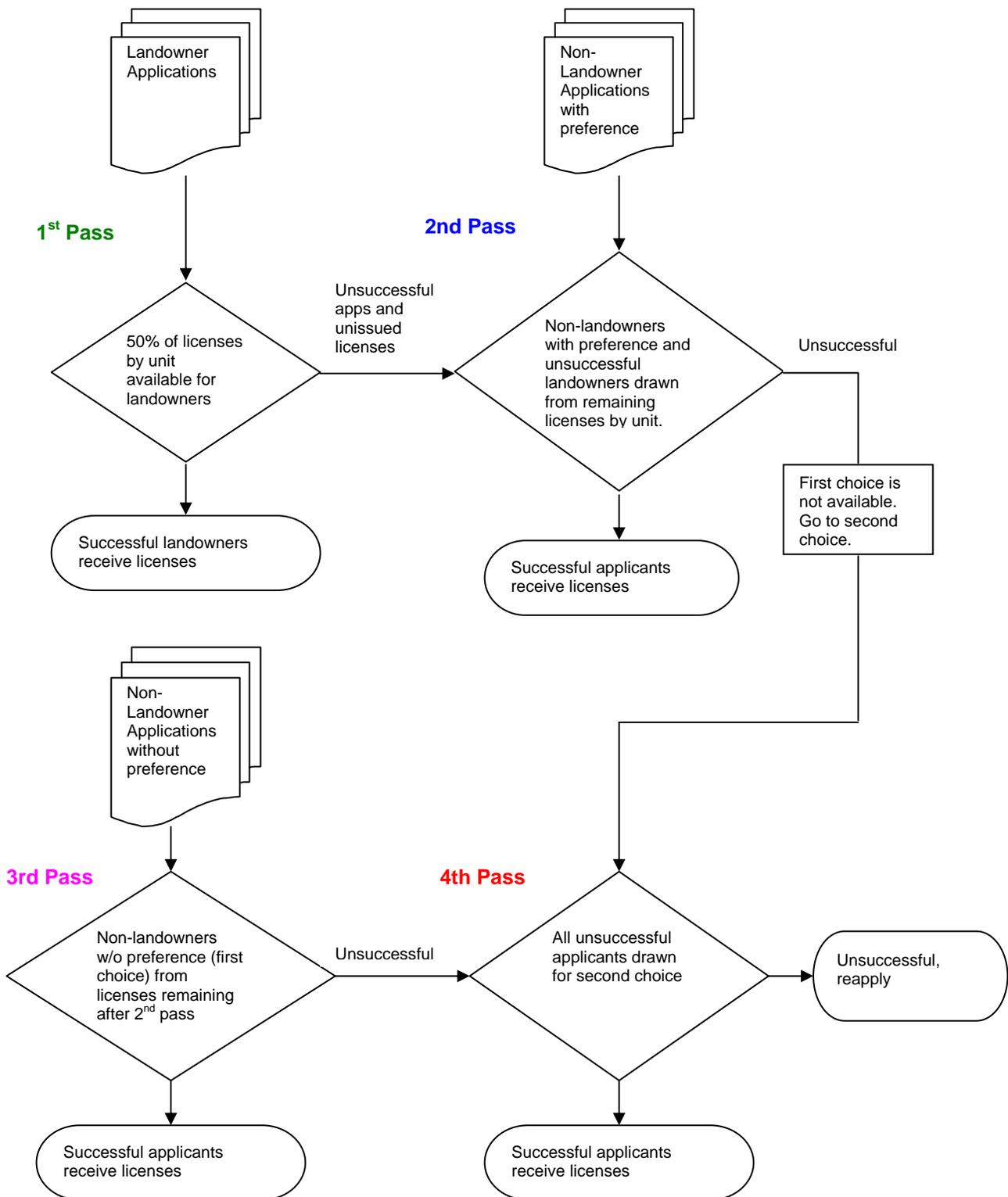
TURKEY

No estimates of the wild turkey population are available for 2011.

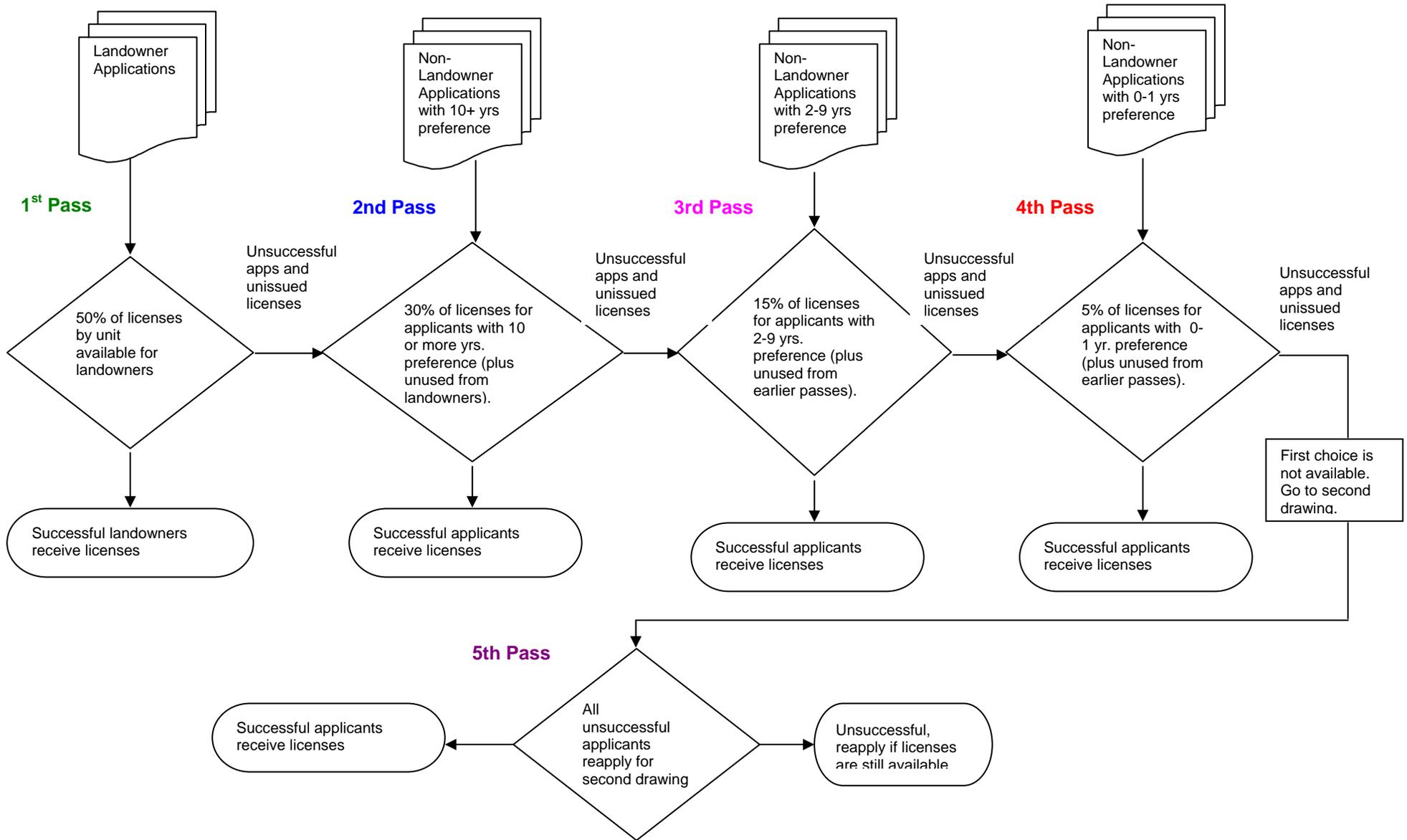
Species	Geographic Area	2011 Pre-season Estimates
Elk		
	Black Hills Proper	2,900
	Wind Cave National Park	950
	Custer State Park	151
White-tailed Deer		
	East River & West River Prairie	405,000 *
	Black Hills Proper	37,800
Mule Deer		
	East River & West River Prairie	115,000 *
	Black Hills Proper	8,100
Turkey		
	Prairie Units	N/A
	Black Hills Proper	N/A
		2012 Pre-season Estimates
Pronghorn		
	Prairie Units	34,160
Bighorn Sheep		
	Badlands Nat'l Park	100
	Black Hills Proper	180
	Custer State Park	20
Mountain Goat		
	Black Hills Proper	120

* Comparisons between 2010 and 2011 estimates for white-tailed deer and mule deer are not valid because different modeling techniques, variables and methodology were used.

Big Game Drawing Process (excluding Elk)



Big Game Drawing Process for Elk (except CSP)



Big Game Drawing Process for Custer State Park Elk

