South Dakota GAME REPORT

No. 2017 - 06

2016

Annual Report

BIG GAME HARVEST PROJECTIONS

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PREFACE

Big game harvest estimates reported herein for the 2016 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 Terrestrial Resources Section (Bighorn sheep and Mountain goat – Chad Lehman) were responsible for development of these harvest estimates, as part of Federal Aid for Wildlife Restoration as Project W-95-R. Harvest survey responses were taken directly over the Internet using Qualtrics® or the SDGFP website, or were processed and encoded by Erin Moehring, Dana Ertz, and Corey Huxoll.

This report funded in part by Federal Aid Project W-95-R

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SPRING PRAIRIE TURKEY

The 2016 Spring Prairie Turkey season was open April 9 through May 22 for all units except Davison/Hanson, and Lincoln, which had split seasons. License sales totaled 6,850 (5,648 residents and 1,202 nonresidents) compared to 6,961 in 2015. There were 7,350 licenses available and overall tag sales totaled 7,907. Only single and double tag male turkey licenses were available.

The survey sample size was 5,000 (80% of all hunters) and the response rate was 80%. Surveys were sent via email and regular mail. The reported overall success rate for hunters was 31% and the projected harvest was 2,486 turkeys, including 4 hens.

Spring prairie turkey hunters averaged 2.72 days hunting for a projected total of 17,052 hunting days. Respondents were asked to gauge their satisfaction of the season (1 being least satisfied, 7 being most satisfied) and the average response was 5.49.

Comparison of the 2007-2016 Spring Prairie Turkey Seasons

				Harvest			***Avg Days***	
Year	***Res Lic***	***NR Lic***	***Tags***	***Males***	***Hens***	***Success***	***Hunted***	***Satisf***
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
2012	6,479	1,384	12,802	5,112	442	43%	2.58	5.67
2013	6,489	1,385	12,879	4,732	481	41%	2.57	5.33
2014	5,888	1,301	8,962	3,491	106	40%	2.40	5.26
2015	5,604	1,357	8,470	3,555	10	42%	2.64	5.34
2016	5,648	1,202	7,907	2,482	4	31%	2.72	5.49

2016 Spring Prairie Turkey Harvest Projections

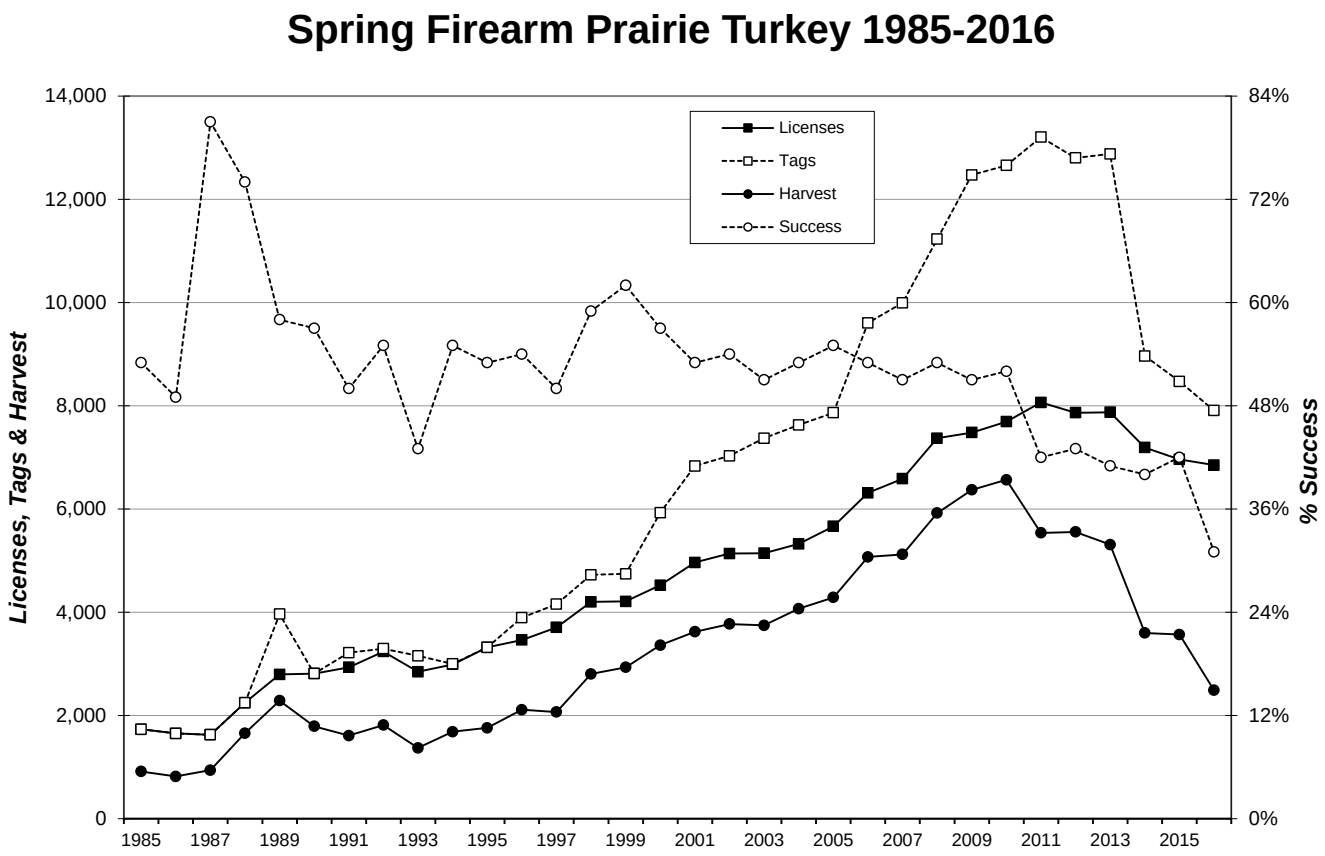
Last Revised: 08/31/2016

County Unit	License Type	Hunters	Licenses: Resident Appl. 1st Choice *	Resident Avail.	Resident Sold	Nonresident Appl. 1st Choice *	Nonresident Avail.	Nonresident Sold	Response Rate	Tags sold	Tag Success	Hunter Success	LCI	UCI	1st tag	2nd tag	Harvest Projections: Males Adults	Males Jakes	Hens	Total Harvest	Avg Days Hunted	Mean Satisfctn Score
Bennett	32	51	28	50	40	15	4	14	90%	54	44%	44%	38%	51%	44%		23	1	0	24	2.36	5.14
Bon Homme	32	289	219	300	298	0	0	2	74%	300	40%	37%	32%	43%	40%		105	14	0	119	3.17	5.74
Brookings	32	20	44	20	20	0	0	0	100%	20	10%	10%	10%	10%	10%		2	0	0	2	2.75	4.75
Brule	32	107	31	150	110	0	0	19	73%	129	32%	33%	27%	40%	32%		36	5	0	41	2.72	5.56
Butte/Lawrence	32	303	75	350	180	74	28	195	82%	375	43%	45%	40%	50%	43%		149	13	0	162	2.21	5.84
Campbell/Walworth	32	10	16	10	10	0	0	0	100%	10	40%	40%	40%	40%	40%		3	1	0	4	4.30	5.88
Charles Mix/Douglas	32	395	322	400	398	0	0	2	75%	400	28%	28%	23%	32%	28%		101	10	0	111	2.71	5.20
Clay	32	117	68	120	119	0	0	1	80%	120	32%	32%	28%	36%	32%		36	2	0	39	3.04	5.60
Corson	32	89	39	100	87	15	8	21	78%	108	21%	25%	18%	31%	21%		15	8	0	23	2.71	5.05
Custer/ Penn-Mid	35	132	46	150	131	15	12	19	81%	300	22%	27%	22%	32%	27%	17%	56	8	1	65	2.65	5.53
Davison/Hanson	32	153	121	160	160	0	0	1	73%	161	26%	26%	21%	31%	26%		35	7	0	43	2.40	5.80
Day/Codington	32	61	96	60	61	0	0	0	85%	61	29%	29%	25%	35%	29%		16	2	0	18	3.25	5.27
Deuel	32	90	137	90	90	0	0	0	80%	90	45%	45%	40%	51%	45%		35	5	0	41	3.31	5.71
Dewey/Ziebach	32	136	59	150	137	14	12	23	72%	160	30%	34%	28%	40%	30%		36	11	1	49	1.88	5.92
Fall River	35	148	55	150	119	10	12	42	82%	322	29%	39%	35%	44%	38%	20%	80	15	0	95	2.95	5.51
Grant	32	220	226	220	220	0	0	0	82%	220	36%	36%	32%	41%	36%		67	13	0	80	3.43	5.61
Gregory	32	814	590	800	754	157	64	111	77%	865	27%	28%	23%	32%	27%		179	51	0	230	2.32	5.23
Haakon	35	201	59	300	134	37	24	80	85%	428	31%	43%	38%	47%	43%	20%	121	11	0	132	2.60	5.77
Harding	32	123	46	150	116	15	12	37	85%	153	32%	30%	25%	35%	32%		33	15	0	48	2.54	5.07
Hughes	32	38	26	40	40	0	0	0	92%	40	27%	26%	23%	31%	27%		9	2	0	11	3.83	5.23
Hutchinson	32	80	84	80	80	0	0	0	85%	80	21%	21%	18%	24%	21%		15	1	0	16	2.85	5.36
Jackson	32	163	62	200	111	57	16	103	84%	214	34%	34%	29%	40%	34%		67	4	1	73	2.38	5.36
Jerauld	32	10	16	10	10	0	0	0	80%	10	13%	13%	10%	25%	13%		1	0	0	1	3.13	4.33
Jones	32	56	11	75	34	7	6	37	68%	71	37%	37%	26%	48%	37%		27	0	0	27	1.87	6.27
Lincoln	32	100	174	100	100	0	0	0	81%	100	19%	19%	15%	22%	19%		15	4	0	19	3.21	5.11
Lyman	32	157	117	150	149	33	12	13	79%	162	28%	28%	23%	32%	28%		35	9	0	45	2.37	5.15
Marshall/Roberts	32	400	393	400	400	0	0	0	82%	400	40%	40%	35%	44%	40%		130	28	0	158	3.59	5.35
Meade/Penngtn	35	284	77	350	215	46	28	91	78%	612	33%	38%	33%	43%	42%	26%	178	27	0	204	2.63	5.68
Mellette	32	289	86	350	248	47	28	115	83%	363	30%	34%	29%	39%	30%		98	11	0	109	2.10	5.17
Minnehaha	32	79	91	80	79	0	0	0	86%	79	18%	18%	15%	22%	18%		12	2	0	14	3.43	5.50
Moody	32	60	53	60	60	0	0	0	80%	60	36%	36%	30%	43%	36%		20	1	0	22	3.79	5.75
Oahe Downstream	32	2	1	4	2	0	1	0	100%	2	50%	50%	50%	50%	50%		1	0	0	1	3.00	6.00
Oglala Lakota	32	37	2	60	18	2	5	25	81%	43	52%	50%	40%	60%	52%		21	1	0	22	2.33	6.15
Pennington-East	35	138	35	300	78	27	24	67	81%	290	33%	40%	35%	45%	39%	27%	79	16	0	95	2.52	5.13
Perkins	35	80	21	100	62	9	8	19	74%	162	26%	29%	23%	35%	30%	22%	28	14	0	42	2.58	5.33
Sanborn	32	20	21	20	20	0	0	0	100%	20	15%	15%	15%	15%	15%		3	0	0	3	2.15	4.00
Stanley	32	53	29	50	51	0	4	4	77%	55	33%	32%	24%	39%	33%		18	0	0	18	2.63	4.94
Todd	32	44	14	75	35	6	6	31	84%	66	31%	35%	25%	46%	31%		15	5	0	20	1.95	5.45
Tripp	32	350	201	400	302	58	32	130	82%	432	34%	34%	30%	39%	34%		132	16	0	148	2.24	5.62
Turner	32	20	18	20	20	0	0	0	75%	20	33%	33%	25%	46%	33%		7	0	0	7	2.60	5.62
Union	32	120	174	120	120	0	0	0	85%	120	27%	27%	23%	31%	27%		29	4	0	32	3.48	5.43
Yankton	32	230	196	230	230	0	0	0	81%	230	33%	33%	29%	37%	33%		71	4	0	75	2.93	5.89
Totals		**6,269**	**4,179**	**7,004**	**5,648**	**644**	**346**	**1,202**	80%	**7,907**	**31.4%**						**2,139**	**343**	**4**	**2,486**	**2.72**	**5.49**

Response rate for all units combined was **80.2%**

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 1985-2016
Licenses
Tags
Harvest
Success
Licenses, Tags & Harvest
% Success
14,000
12,000
10,000
8,000
6,000
4,000
2,000
0
84%
72%
60%
48%
36%
24%
12%
0%
1985
1987
1989
1991
1993
1995
1997
1999
2001
2003
2005
2007
2009
2011
2013
2015

SPRING BLACK HILLS TURKEY

An unlimited number of licenses were available and 4,056 licenses were issued for the 2016 Spring Black Hills Turkey season (2,798 residents, 1,258 nonresidents). All licenses consisted of single tags for male turkeys only.

The survey sample size was 791 (21% of hunters) and the response rate was 76%. Surveys were sent via email and regular mail. The reported success rate was 39% and the projected harvest was 1,575 male turkeys.

The season was open from April 9 through May 22 and hunters averaged 3.38 days of hunting for a projected total of 12,723 days of recreation.

Resident hunters purchased 413 licenses for the BH2 unit, where tags were only valid May 1-22. Of those, 121 did not have a unit BH1 license; therefore, only 292 hunters purchased two licenses for the season. Reported success for unit BH2 for those hunters who purchased two licenses was 14%.

Comparison of the 2007-2016 Spring Black Hills Turkey Seasons

Year	Licenses Issued	Harvest	Avg Days Hunted	Success	Average Satisfaction
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
2012	4,435	1,685	3.63	38%	5.31
2013	4,512	1,517	3.18	34%	5.08
2014	3,944	1,258	3.19	32%	4.99
2015	3,877	1,258	3.44	32%	4.89
2016	4,056	1,575	3.38	39%	5.21

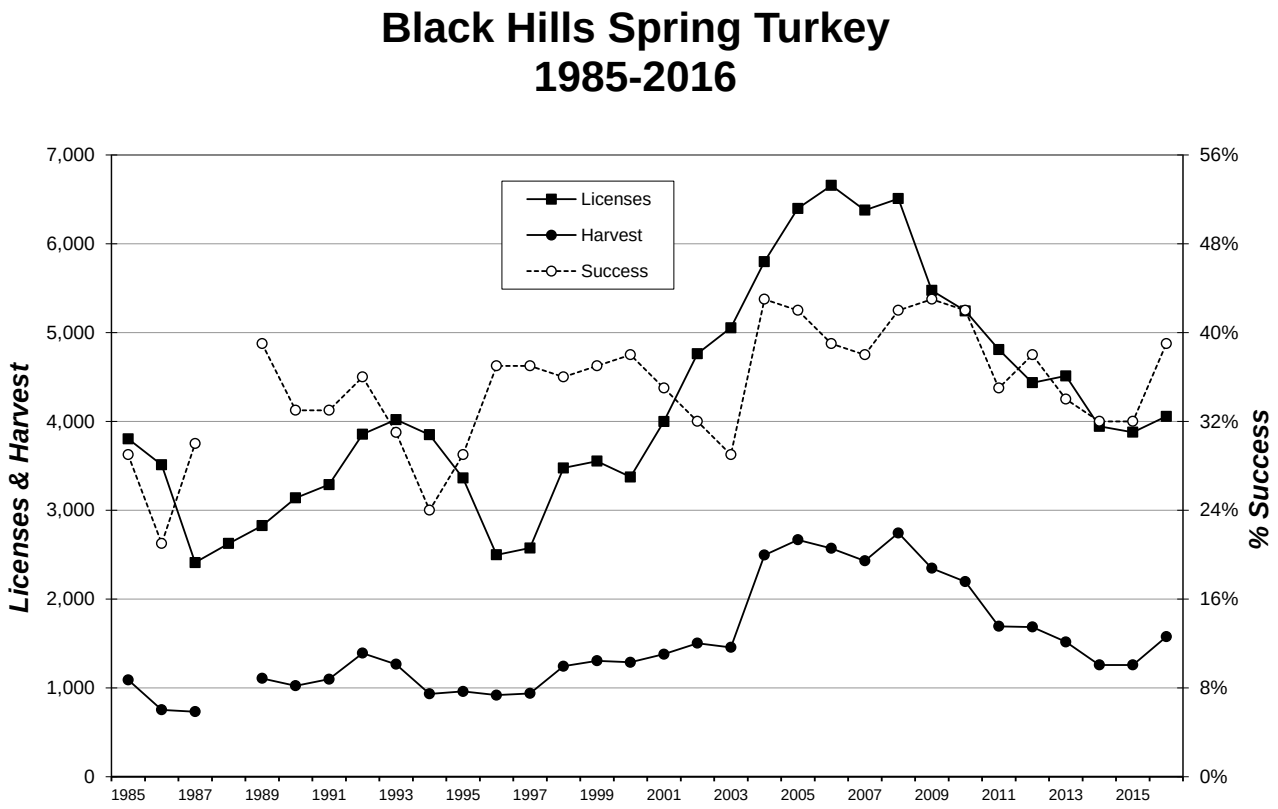
2016 Spring Black Hills Turkey Harvest Projections

Last Revised: 08/31/2016	Licenses										Harvest Estimate				
	Resident		Nonresident			Response	Tag	Hunter						Ave. Days	Avg
Unit/Type	Avail.	Sold	Avail.	Sold	Hunters	Rate	Success	Success	LCI	UCI	Toms	Jakes	Total	Hunted	Satsfctn
BH1-32	Unlim	2,385	Unlim	1,258	3,764	75.9%	39%	40%	37%	44%	1,230	345	1,575	3.38	5.21
BH2-32	Unlim	413	0	0											
		2,798		**1,258**											

Response rate for the season was **75.9%**

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

292 hunters had licenses for both BH1 and BH2 units


Black Hills Spring Turkey
1985-2016
Licenses
Harvest
Success
Licenses & Harvest
% Success
7,000
6,000
5,000
4,000
3,000
2,000
1,000
0
56%
48%
40%
32%
24%
16%
8%
0%
1985
1987
1989
1991
1993
1995
1997
1999
2001
2003
2005
2007
2009
2011
2013
2015

SPRING ARCHERY TURKEY

There were 2,844 resident and 358 nonresident licenses sold for a total of 3,202 licensed spring archery turkey hunters in 2016.

To obtain harvest estimates, 37% of the license holders were surveyed for a sample size of 1,188. The response rate was 73%. Surveys were sent via email and regular mail.

The projected harvest based on survey responses was 885 male turkeys, an increase of 12% from 2015. The harvest success rate was 28%. The season was open from April 2 through May 22 and the projected total number of days hunted was 12,488, an average of 3.90 days per hunter.

The five units with the highest reported harvest were Gregory, Meade/Pennington, Marshall/Roberts, Yankton, and Grant.

Comparison of the 2007-2016 Spring Archery Turkey Seasons

	Licenses Sold		*Male*		*Avg Days*	
Year	*Resident*	*Nonresident*	*Harvest*	*Success*	*Hunted*	*Satisfaction*
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
2012	2,137	418	739	29%	3.57	5.48
2013	2,390	440	641	23%	3.42	5.12
2014	2,335	387	695	26%	3.41	5.17
2015	2,604	315	790	27%	3.59	5.36
2016	2,844	358	885	28%	3.90	5.39

2016 Spring Archery Turkey Harvest Projections

Last Revised:	Licenses										
08/31/2016	Resident		Nonresident		Response	Tag	Harvest Estimate			Ave. Days	Avg
Unit/Type	**Avail.**	**Sold**	**Avail.**	**Sold**	**Rate**	**Success**	**Toms**	**Jakes**	**Total**	**Hunted**	**Satsfctn**
ST1-32	Unlim	2,844	Unlim	358	73.1%	28%	760	125	885	3.90	5.39

Response rate for the season was **73.1%**

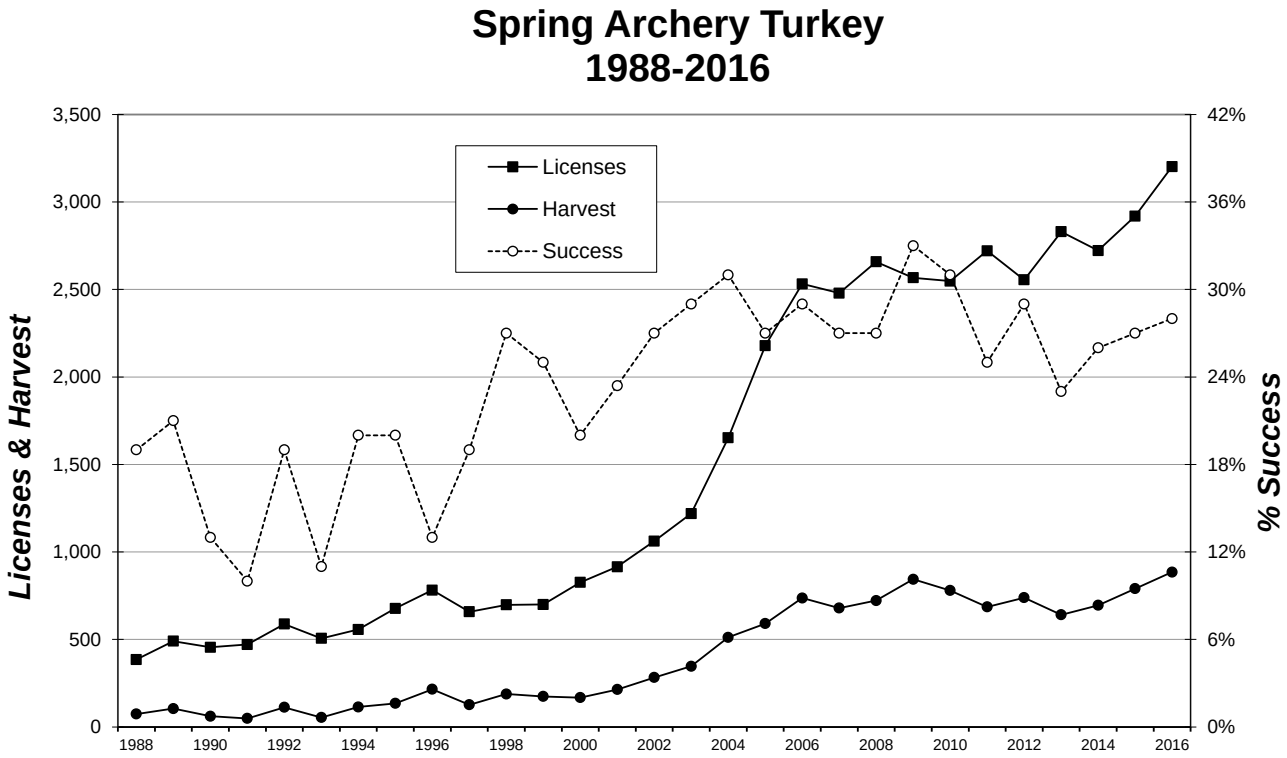
Satisfaction scale of 1=very dissatisfied to 7=very satisfied.

2016 Spring Archery Turkey Harvest Distribution

Last Revised:
31-Aug-16

	Reported Harvest			Projected Harvest			
	Males			Males			
County	**Toms**	**Jakes**	**Total**	**Toms**	**Jakes**	**Total**	**%**
01A (Minnehaha)	10	1	11	38	4	41	4.7%
02A (Pennington-East)	8	1	9	30	4	34	3.8%
06A (Brookings)	5	0	5	19	0	19	2.1%
07A (Yankton)	18	2	20	68	7	75	8.5%
08A (Davison/Hanson)	7	0	7	26	0	26	3.0%
11A (Bennett)	0	0	0	0	0	0	0.0%
12A (Bon Homme)	5	0	5	19	0	19	2.1%
13A (Brule)	1	0	1	4	0	4	0.4%
15A (Butte/Lawrence)	6	2	8	23	7	30	3.4%
17A (Charles Mix/Douglas)	4	0	4	15	0	15	1.7%
19A (Clay)	4	1	5	15	4	19	2.1%
20A (Corson)	1	0	1	4	0	4	0.4%
21A (Custer/Penn-Mid)	11	2	13	41	7	49	5.5%
22A (Day/Codington)	9	2	11	34	7	41	4.7%
23A (Deuel)	5	1	6	19	4	22	2.5%
24A (Dewey/Ziebach)	1	1	2	4	4	7	0.8%
27A (Fall River)	0	0	0	0	0	0	0.0%
29A (Grant)	14	2	16	53	7	60	6.8%
30A (Gregory)	15	3	18	56	11	67	7.6%
31A (Haakon)	1	0	1	4	0	4	0.4%
35A (Harding)	0	0	0	0	0	0	0.0%
36A (Hughes)	0	0	0	0	0	0	0.0%
37A (Hutchinson)	4	0	4	15	0	15	1.7%
39A (Jackson)	1	1	2	4	4	7	0.8%
40A (Jerauld)	1	0	1	4	0	4	0.4%
41A (Jones)	1	1	2	4	4	7	0.8%
44A (Lincoln)	5	3	8	19	11	30	3.4%
45A (Lyman)	4	0	4	15	0	15	1.7%
48A (Marshall/Roberts)	13	3	16	49	11	60	6.8%
49A (Meade/Pennington)	11	4	15	41	15	56	6.3%
50A (Mellette)	3	0	3	11	0	11	1.3%
52A (Moody)	1	0	1	4	0	4	0.4%
53A (Perkins)	4	0	4	15	0	15	1.7%
56A (Sanborn)	0	0	0	0	0	0	0.0%
58A (Stanley)	4	2	6	15	7	22	2.5%
60A (Tripp)	6	0	6	23	0	23	2.5%
61A (Turner)	1	0	1	4	0	4	0.4%
62A (Union)	6	1	7	23	4	26	3.0%
65A (Oglala Lakota)	0	0	0	0	0	0	0.0%
67A (Todd)	0	0	0	0	0	0	0.0%
BH1 (Black Hills)	12	1	13	45	4	49	5.5%
Unknown	4	0	4				
TOTALS	**206**	**34**	**240**	**760**	**125**	**885**	

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


Spring Archery Turkey
1988-2016
Licenses
Harvest
Success
Licenses & Harvest
% Success
3,500
3,000
2,500
2,000
1,500
1,000
500
0
42%
36%
30%
24%
18%
12%
6%
0%
1988
1990
1992
1994
1996
1998
2000
2002
2004
2006
2008
2010
2012
2014
2016

MENTORED SPRING TURKEY

There were 734 Mentored Spring Turkey licenses sold in South Dakota for the 2016 season. All were single tag licenses valid for a male turkey. A total of 611 mentors/hunters were surveyed and 355 responses (58%) were received. Surveys were only sent via email and no corrections were made for nonresponse bias.

The 2016 spring season ran from April 2 through May 22. Respondents reported hunting an average of 2.68 days, which projected to a total of 1,968 recreation days for the season.

An estimated 277 male turkeys were harvested, resulting in a success rate for this season of 38%. The mean satisfaction score reported by hunters/mentors was 5.78 (1 representing "very dissatisfied" and 7 representing "very satisfied").

The five units with the highest reported harvest were the Black Hills, Gregory, Yankton, Davison/Hanson, and Marshall/Roberts.

Summary of the 2009-2016 Spring Mentored Youth Turkey Seasons

	Licenses	HARVEST				Avg Days	Average
YEAR	Sold	Males	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
2012	559	205	0	205	37%	2.36	5.75
2013	642	190	2	192	30%	2.32	5.71
2014	679	211	0	211	31%	2.30	5.54
2015	654	205	0	205	31%	2.41	5.70
2016	734	277	0	277	38%	2.68	5.78

2016 Mentored Spring Turkey Harvest Projection

Last Revised:
31-Aug-16

	Licenses				Harvest Projections				Average	Mean
	Resident		Response	Unit				Total	Days	Satisfctn
Unit/Type	Avail.	Sold	Rate	Success	Toms	Jakes	Hens	Harvest	Hunted	Score
ST1-32	Unlim	734	58%	38%	213	64	0	277	2.68	5.78

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

2016 Spring Ment Youth Turkey Harvest Distribution

Last Revised:
31-Aug-16

	Reported Harvest				Projected Harvest				
County	**Toms**	**Jakes**	**Hens**	**Total**	**Toms**	**Jakes**	**Hens**	**Total**	**%**
01A (Minnehaha)	6	0	0	6	13	0	0	13	4.5%
02A (Pennington-East)	1	3	0	4	2	6	0	8	3.0%
06A (Brookings)	4	2	0	6	8	4	0	12	4.5%
07A (Yankton)	5	3	0	8	10	6	0	17	6.0%
08A (Davison/Hanson)	7	1	0	8	15	2	0	17	6.0%
11A (Bennett)	0	0	0	0	0	0	0	0	0.0%
12A (Bon Homme)	1	2	0	3	2	4	0	6	2.2%
13A (Brule)	0	0	0	0	0	0	0	0	0.0%
15A (Butte/Lawrence)	3	3	0	6	6	6	0	12	4.5%
16A (Campbell/Walworth)	1	0	0	1	2	0	0	2	0.8%
17A (Charles Mix/Douglas)	5	2	0	7	10	4	0	15	5.3%
19A (Clay)	1	0	0	1	2	0	0	2	0.8%
20A (Corson)	1	0	0	1	2	0	0	2	0.8%
21A (Custer/Penn-Mid)	4	1	0	5	8	2	0	10	3.8%
22A (Day/Codington)	5	1	0	6	10	2	0	13	4.5%
23A (Deuel)	5	0	0	5	10	0	0	10	3.8%
24A (Dewey/Ziebach)	1	0	0	1	2	0	0	2	0.8%
27A (Fall River)	0	0	0	0	0	0	0	0	0.0%
29A (Grant)	5	0	0	5	10	0	0	10	3.8%
30A (Gregory)	8	3	0	11	17	6	0	23	8.3%
31A (Haakon)	1	1	0	2	2	2	0	4	1.5%
35A (Harding)	0	1	0	1	0	2	0	2	0.7%
36A (Hughes)	0	1	0	1	0	2	0	2	0.7%
37A (Hutchinson)	2	0	0	2	4	0	0	4	1.5%
39A (Jackson)	0	0	0	0	0	0	0	0	0.0%
40A (Jerauld)	1	0	0	1	2	0	0	2	0.8%
41A (Jones)	0	0	0	0	0	0	0	0	0.0%
44A (Lincoln)	4	1	0	5	8	2	0	10	3.8%
45A (Lyman)	2	1	0	3	4	2	0	6	2.3%
48A (Marshall/Roberts)	10	0	0	10	21	0	0	21	7.5%
49A (Meade/Pennington)	2	0	0	2	4	0	0	4	1.5%
50A (Mellette)	1	1	0	2	2	2	0	4	1.5%
52A (Moody)	2	1	0	3	4	2	0	6	2.3%
53A (Perkins)	2	0	0	2	4	0	0	4	1.5%
56A (Sanborn)	0	0	0	0	0	0	0	0	0.0%
58A (Stanley)	0	0	0	0	0	0	0	0	0.0%
60A (Tripp)	1	0	0	1	2	0	0	2	0.8%
61A (Turner)	0	0	0	0	0	0	0	0	0.0%
62A (Union)	2	1	0	3	4	2	0	6	2.3%
65A (Oglala Lakota)	0	0	0	0	0	0	0	0	0.0%
67A (Todd)	0	0	0	0	0	0	0	0	0.0%
BH1 (Black Hills)	9	2	0	11	19	4	0	23	8.3%
Unknown	1	0	0	1					
TOTALS	**103**	**31**	**0**	**134**	**213**	**64**	**0**	**277**	

Any by unit projected values will differ from by statewide projected values due to incorrect sampling proportions within management units
Use these figures for approximations only!

SPRING CUSTER STATE PARK TURKEY

In 2016, 564 hunters applied for the 100 resident licenses available for the Spring Custer State Park Turkey season, which was open from April 9 through May 22. All licenses consisted of single tags for male turkeys only.

All hunters were surveyed and 86 responded for a response rate of 86%. Surveys were sent via email and regular mail. The reported success rate was 49% and the projected harvest was 49 male turkeys. Hunters averaged 2.08 days of hunting for a projected total of 208 days of recreation for the season.

Summary comparison of the 2007-2016 Custer State Park Spring Turkey seasons

Year	*Licenses Sold*	*Harvest*	*Success*	*Avg. Days Hunted*	*Average Satisfaction*
2007	125	71	57%	2.50	NA
2008	135	75	56%	1.80	NA
2009	135	80	59%	2.20	NA
2010	135	78	58%	2.10	NA
2011	135	59	44%	3.00	NA
2012	135	64	47%	2.24	5.57
2013	135	57	43%	2.18	5.77
2014	135	78	58%	2.71	5.56
2015	135	50	37%	2.56	4.83
2016	100	49	49%	2.08	6.05

*Harvest and success for 2005 were estimated assuming all nonrespondents were unsuccessful.

2016 Custer State Park Spring Turkey Harvest

Last Revised: 31-Aug-16		Licenses Resident						Harvest Projections				
Unit/Type	Appl. 1st Choice *	Avail.	Sold	Response Rate	Unit Success	LCI	UCI	Toms	Jakes	Total Harvest	Average Days Hunted	Mean Satisfctn Score
CU1-32	564	100	100	86%	49%	45%	53%	45	3	49	2.08	6.05

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

FALL PRAIRIE TURKEY

There were 908 licenses (879 resident, 29 nonresident) sold for the 2016 South Dakota Fall Prairie Turkey season for a total of 958 tags. All tags were valid for either a tom or a hen. The fall season ran from November 1 through January 31.

All hunters were surveyed and 693 responded for a 77% response rate. Approximately 60% of responding hunters used the Internet to respond. Respondents reported hunting an average of 2.19 days, which projected to a total of 1,978 recreation days for the season.

Harvest projections indicated 173 males were taken along with 72 hens for a total of 246 turkeys. The estimated success rate for the season was 26%.

The mean satisfaction score reported by hunters was 4.87 (1 representing “very dissatisfied” and 7 representing “very satisfied”).

Summary comparison of the 2007-2016 Fall Prairie Turkey seasons

	Licenses	Tags	HARVEST				Avg Days	Average
Year	Sold	Sold	Males	Hens	Total	% Success	Hunted	Satisfactn
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
2012	5,527	9,510	2,001	1,335	3,337	35%	2.91	5.12
2013	5,066	8,638	1,180	721	1,901	22%	2.68	4.76
2014	1,910	1,960	422	224	645	33%	2.26	4.91
2015	1,936	1,986	422	227	649	33%	2.56	4.80
2016	908	958	173	72	246	26%	2.19	4.87

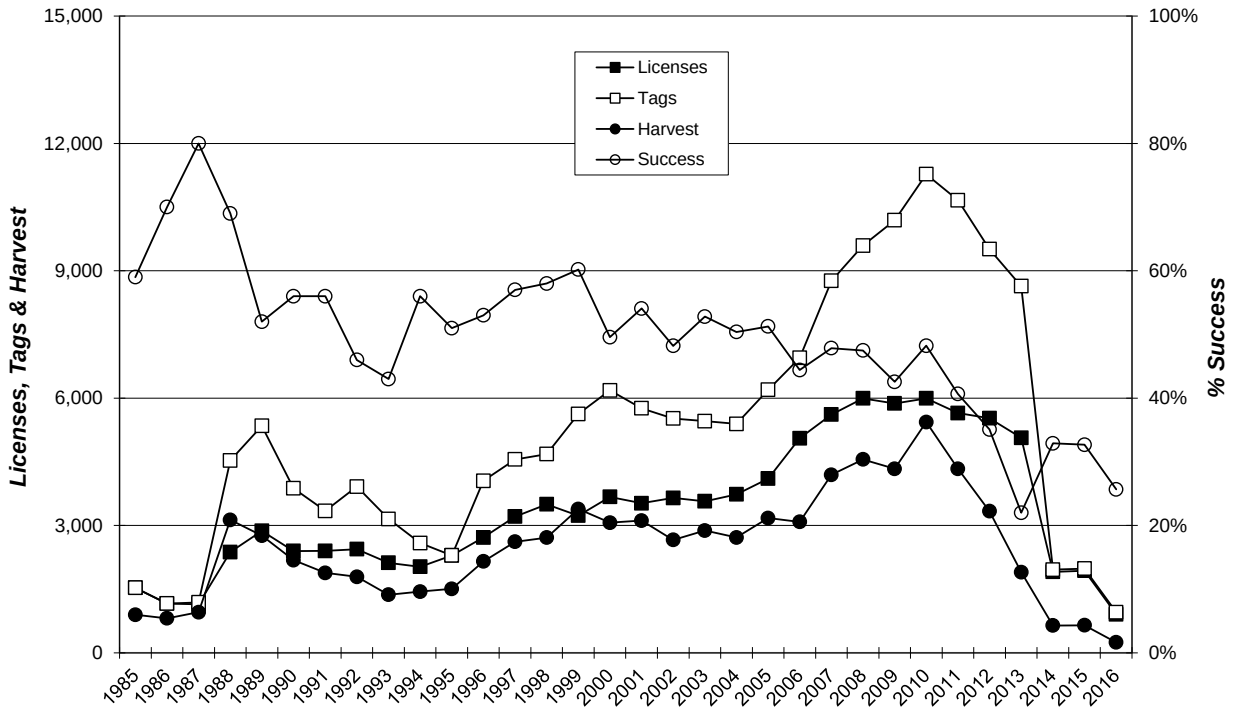
2016 Fall Prairie Turkey Harvest Projections

Last Revised:
02-May-17

		Licenses										Harvest Projections							
		Resident			Nonresident							Males		Hens				Avg	Mean
		Appl. 1st			Appl. 1st			Tags	Response	Tag						Total	Days	Satisfctn
Unit	Hunters	Choice *	Avail.	Sold	Choice *	Avail.	Sold	Sold	Rate	Success	Adults	Jakes	Adults	Jennies	Unk	Harvest	Hunted	Score
Bon Homme	150	127	150	150	N/A	0	0	150	79%	34%	13	15	23	0	0	51	2.5	5.2
Brule	50	30	50	50	N/A	0	0	50	72%	22%	7	0	3	1	0	11	2.7	4.4
Davison/Hanson	50	41	50	50	N/A	0	0	100	66%	9%	3	2	5	0	0	9	2.6	4.8
Gregory	162	141	150	150	17	12	12	162	76%	28%	29	5	8	1	3	46	1.7	4.6
Hutchinson	30	54	30	30	N/A	0	0	30	93%	36%	3	5	2	0	0	11	1.8	5.1
Marshall/Roberts	100	131	100	100	N/A	0	0	100	82%	16%	9	5	1	1	0	16	1.5	4.6
Mellette	54	45	50	50	4	4	4	54	83%	27%	6	4	5	0	0	15	1.3	4.5
Perkins	103	48	100	99	3	8	9	108	69%	26%	19	4	3	0	1	28	1.5	4.6
Tripp	54	62	50	50	3	4	4	54	81%	37%	16	1	3	0	0	20	1.9	5.2
Union	50	107	50	50	N/A	0	0	50	86%	16%	5	0	3	0	0	8	2.6	4.6
Yankton	100	122	100	100	N/A	0	0	100	75%	31%	20	1	7	1	1	31	4.1	5.6
Totals	**903**	**908**	**880**	**879**	**27**	**28**	**29**	**958**	**77.2%**	**25.6%**	**130**	**43**	**62**	**5**	**5**	**246**	**2.19**	**4.87**

The response rate for all units combined was **77%**
* Number of 1st drawing applicants with that season as 1st choice.

Fall Prairie Turkey 1985-2016



FALL BLACK HILLS TURKEY

There were 434 Fall Black Hills Turkey licenses (408 resident, 26 nonresident) sold in South Dakota for the 2016 season. All were single tag licenses valid for either a tom or a hen. The fall season ran from November 1 through January 31.

Of the 429 license-holders that were surveyed, 323 responded for a 75% response rate. Approximately 60% of responding hunters used the Internet to respond. Respondents reported hunting an average of 2.79 days, which projected to a total of 1,203 recreation days for the season.

An estimated 91 males were harvested along with 55 hens, a total of 147 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 2007-2016 Fall Black Hills Turkey seasons

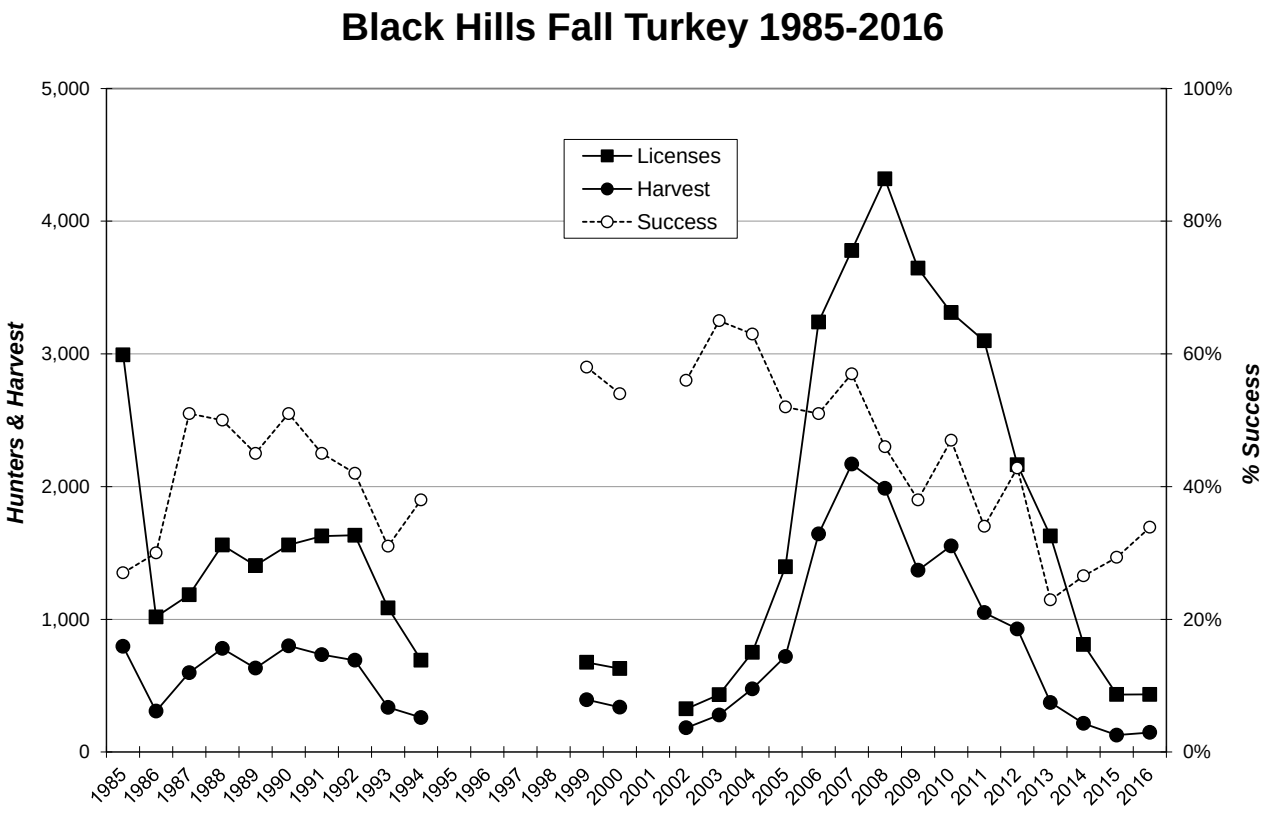
	LICENSES SOLD		HARVEST				Avg Days	Average
YEAR	Resident	Nonresid	Males	Hens	Total	%Success	Hunted	Satisfaction
2007	3,641	138	1,130	1,039	2,169	57%	3.24	5.49
2008	4,155	164	806	1,179	1,986	46%	3.39	5.40
2009	3,506	140	658	711	1,369	38%	3.77	4.78
2010	3,198	114	907	646	1,553	47%	3.05	5.22
2011	2,977	121	537	513	1,050	34%	3.89	4.85
2012	2,075	90	457	470	927	43%	3.39	4.95
2013	1,546	81	185	188	373	23%	2.81	4.57
2014	764	46	100	114	215	27%	3.24	4.54
2015	406	27	66	62	127	29%	3.44	4.58
2016	408	26	91	55	147	34%	2.79	4.85

2016 Fall Black Hills Turkey Harvest Projections

Last Revised:
03-May-17

		Licenses								Harvest Projections							
		Resident			Nonresident					Males		Hens				Average	Mean
		Appl. 1st			Appl. 1st			Response	Tag						Total	Days	Satisfctn
Unit/Type	Hunters	Choice *	Avail.	Sold	Choice *	Avail.	Sold	Rate	Success	Adults	Jakes	Adults	Jennies	Unk	Harvest	Hunted	Score
BH1-31	431	504	400	408	20	32	26	75%	34%	67	24	41	5	9	147	2.79	4.85

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


Black Hills Fall Turkey 1985-2016
Licenses
Harvest
Success
Hunters & Harvest
% Success
5,000
4,000
3,000
2,000
1,000
0
100%
80%
60%
40%
20%
0%
1985
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FALL MENTORED YOUTH TURKEY

There were 429 Fall Mentored Youth Turkey licenses sold in South Dakota for the 2016 season. All were single tag licenses valid for either a tom or a hen. A total of 425 mentors/hunters were surveyed and 266 responses (63%) were received. Approximately 63% of responding mentors/hunters used the Internet to respond.

The fall season ran from November 1 through January 31. Respondents reported hunting an average of 1.55 days, which projected to a total of 665 recreation days for the season.

An estimated 62 males were harvested along with 21 hens, a total of 84 turkeys. The reported success rate for this season was 20%. The mean satisfaction score reported by hunters/mentors was 5.48 (1 representing "very dissatisfied" and 7 representing "very satisfied").

The four management units with the highest reported harvest were the Black Hills, Yankton, Butte/Lawrence, and Marshall/Roberts.

Summary comparison of the 2008-2016 Fall Mentored Youth Turkey seasons

	Licenses	HARVEST				Avg Days	Average
YEAR	Sold	Males	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
2012	529	89	61	149	28%	2.33	5.56
2013	520	57	35	92	18%	2.02	5.41
2014	390	46	29	75	19%	1.72	5.19
2015	370	58	39	98	21%	1.87	5.17
2016	429	62	21	84	20%	1.55	5.48

2016 Fall Mentored Youth Turkey Harvest Projections

Last Revised:
03-May-17

		Licenses				Harvest Projections						Average	Mean
		Resident		Response	Tag	Males		Hens			Total	Days	Satisfctn
Unit/Type	Hunters	Avail.	Sold	Rate	Success	Adults	Jakes	Adults	Jennies	Unk	Harvest	Hunted	Score
ST1-31	429	Unlim	429	63%	20%	35	27	21	0	0	84	1.55	5.48

2016 Fall Mentored Youth Turkey Harvest Distribution

Last Revised:
03-May-17

	Reported Harvest						Projected Harvest						
	Males		Females				Males		Females				
County	Toms	Jakes	Hens	Jennies	Unk Hens	Total	Toms	Jakes	Hens	Jennies	Unk Hens	Total	%
01A (Minnehaha)	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
02A (Pennington-East)	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
06A (Brookings)	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
07A (Yankton)	1	2	0	0	0	3	2	3	0	0	0	5	6.1%
08AB (Davison/Hanson)	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
11A (Bennett)	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
12A (Bon Homme)	0	1	0	0	0	1	0	2	0	0	0	2	2.0%
13A (Brule)	1	0	0	0	0	1	2	0	0	0	0	2	2.0%
15A (Butte/Lawrence)	2	1	1	0	0	4	3	2	2	0	0	7	8.2%
17A (Charles Mix/Douglas)	1	0	1	0	0	2	2	0	2	0	0	3	4.1%
19AB (Clay)	0	1	0	0	0	1	0	2	0	0	0	2	2.0%
20A (Corson)	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
21A (Custer/Penn-Mid)	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
22A (Day/Codington)	1	0	0	0	0	1	2	0	0	0	0	2	2.0%
23A (Deuel)	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
24A (Dewey)	0	1	0	0	0	1	0	2	0	0	0	2	2.0%
27A (Fall River)	0	1	0	0	0	1	0	2	0	0	0	2	2.0%
29A (Grant)	1	0	0	0	0	1	2	0	0	0	0	2	2.0%
30A (Gregory)	1	1	0	0	0	2	2	2	0	0	0	3	4.1%
31A (Haakon)	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
32A (Hamlin)	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
35A (Harding)	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
36A (Hughes)	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
37A (Hutchinson)	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
39A (Jackson)	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
40A (Jerauld)	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
41A (Jones)	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
44AB (Lincoln)	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
45A (Lyman)	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
48A (Marshall/Roberts)	2	1	0	0	0	3	3	2	0	0	0	5	6.1%
49A (Meade/Pennington)	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
50A (Mellette)	2	0	0	0	0	2	3	0	0	0	0	3	4.0%
52A (Moody)	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
53A (Perkins)	0	1	0	0	0	1	0	2	0	0	0	2	2.0%
56A (Sanborn)	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
58A (Stanley)	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
60A (Tripp)	1	0	0	0	0	1	2	0	0	0	0	2	2.0%
61A (Turner)	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
62AB (Union)	1	0	1	0	0	2	2	0	2	0	0	3	4.1%
65A (Shannon)	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
67A (Todd)	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
BH1 (Black Hills)	7	6	9	0	0	22	12	10	16	0	0	38	45.1%
Unknown	1	1	1	0	0	3							
TOTALS	**22**	**17**	**13**	**0**	**0**	**52**	**35**	**27**	**21**	**0**	**0**	**84**	

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

ARCHERY ANTELOPE

There were 1,923 single-tag archery antelope licenses issued in 2016 (1,523 resident and 400 nonresident). All license holders were surveyed and the response rate was 72%, with 66% of those responding through the Internet.

The overall success rate for the archery season was estimated to be 26%, with 456 bucks, 38 does, 10 buck-kids, and 4 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 24 management units where antelope were reported harvested, the Harding and Butte County units accounted for over 60% of all harvest.

Average hunter satisfaction was 5.33 and was based on a numerical scale from 1 (very dissatisfied) to 7 (very satisfied), 4 being neutral.

2016 Archery Antelope Harvest Projections

Last Revised: 1/24/2017

	Resident		Nonres		Tags	Response	Unit	Harvest Projections					Avg	Avg
Unit/Type	Avail.	Sold	Avail.	Sold	sold	Rate	Success	Bucks	Does	Buck Kids	Doe Kids	Total Harvest	Satisfactn Rating	Days Hunted
ST1-41	Unlmtd	1,523	Unlmtd	400	1,923	72%	26%	456	38	10	4	508	5.33	3.80

Satisfaction is based on a scale of 1-7, where "1" is very dissatisified, "4" is neutral and "7" is very satisfied.

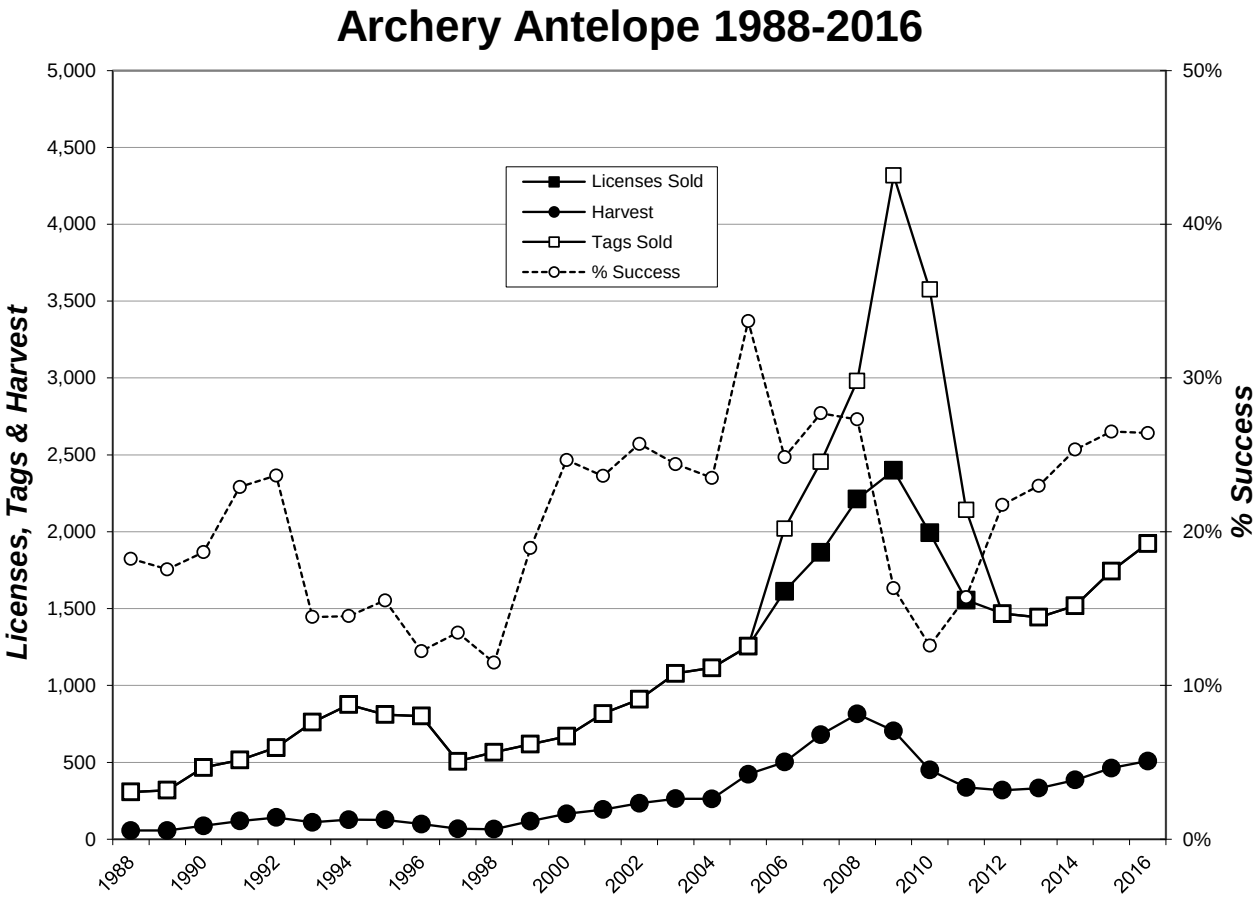
Harvest summaries for the 2007-2016 Archery Antelope seasons

	Licenses Sold		Harvest			Avg. Days	Average
YEAR	Resident	Nonresident	Bucks	Does	Success	Hunted	Satisfaction
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
2012	1,212	255	297	22	22%	3.80	4.74
2013	1,164	280	292	38	23%	3.77	4.97
2014	1,165	354	356	28	25%	3.94	5.19
2015	1,372	372	411	52	27%	4.07	5.26
2016	1,523	400	466	42	26%	3.80	5.33

2016 Archery Antelope Harvest by Management Unit

Last Revised:	Reported Harvest					Projected Harvest					
24-Jan-17	Adults		Fawns			Adults		Fawns			Total
Unit/County	**Buck**	**Doe**	**Buck**	**Doe**	**Total**	**Buck**	**Doe**	**Buck**	**Doe**	**Projected**	**%**
02A (Pennington E)	3	1	0	0	4	4	1	0	0	6	1.1%
11A (Bennett/Oglala Lakota)	1	0	0	0	1	1	0	0	0	1	0.3%
13 (Brule)	0	0	0	0	0	0	0	0	0	0	0.0%
14 (Buffalo)	4	0	0	0	4	6	0	0	0	6	1.1%
15A (Butte NW)	30	2	3	0	35	43	3	4	0	50	9.9%
15B (Butte/Lawrence)	35	2	1	0	38	50	3	1	0	55	10.8%
16 (Campbell)	1	0	0	0	1	1	0	0	0	1	0.3%
20A (Corson)	1	0	0	0	1	1	0	0	0	1	0.3%
21A (Custer E /Penn C)	5	1	0	0	6	7	1	0	0	9	1.7%
24A (Dewey)	3	0	1	0	4	4	0	1	0	6	1.1%
27A (F River/Custer SW)	19	4	0	3	26	27	6	0	4	37	7.4%
31A (Haakon)	0	0	0	0	0	0	0	0	0	0	0.0%
33 (Hand)	1	0	0	0	1	1	0	0	0	1	0.3%
35A (Harding W)	113	4	1	0	118	163	6	1	0	170	33.4%
35B (Harding E)	21	1	0	0	22	30	1	0	0	32	6.2%
36A (Hughes/Hyde)	2	1	0	0	3	3	1	0	0	4	0.9%
39A (Jackson)	3	0	0	0	3	4	0	0	0	4	0.8%
41A (Jones)	1	0	0	0	1	1	0	0	0	1	0.3%
45A (Lyman)	0	0	0	0	0	0	0	0	0	0	0.0%
45B (Ft Pr Nat Grslnd)	0	0	0	0	0	0	0	0	0	0	0.0%
49A (Meade N)	16	5	0	0	21	23	7	0	0	30	6.0%
49B (Meade S)	7	1	1	0	9	10	1	1	0	13	2.5%
50A (Mellette)	2	0	0	0	2	3	0	0	0	3	0.6%
53A (Perkins N)	10	0	0	0	10	14	0	0	0	14	2.8%
53B (Perkins S)	21	4	0	0	25	30	6	0	0	36	7.1%
58A (Stanley)	1	0	0	0	1	1	0	0	0	1	0.3%
59A (Sully)	6	0	0	0	6	9	0	0	0	9	1.7%
60A (Tripp)	0	0	0	0	0	0	0	0	0	0	0.0%
63A (Walworth/Potter)	0	0	0	0	0	0	0	0	0	0	0.0%
64A (Ziebach)	11	0	0	0	11	16	0	0	0	16	3.1%
BH (Black Hills Pennington/Custer)	0	0	0	0	0	0	0	0	0	0	0.0%
Unknown	7	1	0	0	8						
TOTALS	**324**	**27**	**7**	**3**	**361**	**456**	**38**	**10**	**4**	**508**	

Use these figures for approximations only!


Archery Antelope 1988-2016
Licenses, Tags & Harvest
% Success
Licenses Sold
Harvest
Tags Sold
% Success
5,000
4,500
4,000
3,500
3,000
2,500
2,000
1,500
1,000
500
0
50%
40%
30%
20%
10%
0%
1988
1990
1992
1994
1996
1998
2000
2002
2004
2006
2008
2010
2012
2014
2016

FIREARM ANTELOPE

A total of 3,007 licenses (2,945 resident; 62 nonresident) were available for the 2016 Firearm Antelope hunting season. Including Landowner Own Land licenses, a total of 3,328 licenses were sold representing 3,507 total tags. The 2016 season was open from October 1 - 16.

A random sample of 2,829 hunters was taken from total license sales and 2,292 surveys were returned for an 81% response rate. Approximately 65% of responses were received through the Internet.

Respondents reported hunting an average of 2.04 days each, which projected to 6,789 total recreation days for the season.

The harvest projection for the season was 2,051 adult bucks, 321 adult does, 61 buck-kids, and 29 doe-kids for a total of 2,461 antelope. The projected overall success for the season was 70%.

Harvest summaries for the 2007-2016 Firearm Antelope seasons

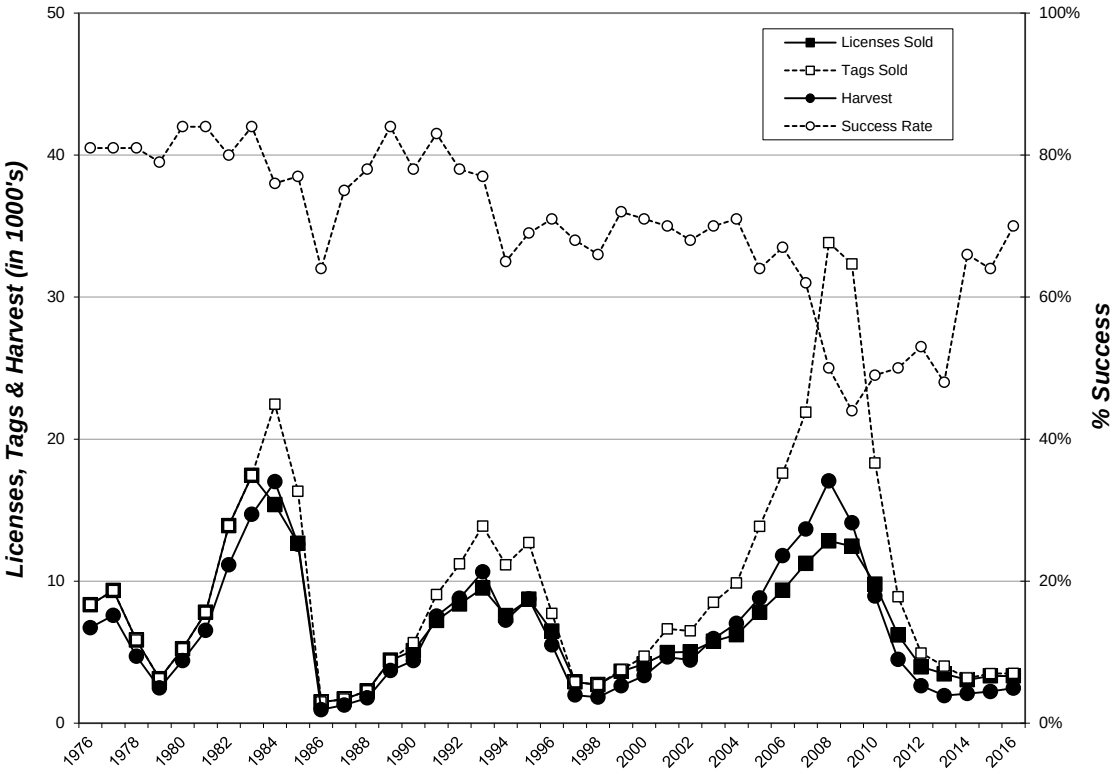
	Licenses Sold		***Harvest***				***Avg. Days***	***Average***
YEAR	***Resident***	***Nonres***	***Bucks***	***Does***	***Total***	***Success***	***Hunted***	***Satisfaction***
2007	10,174	1,070	7,123	6,546	13,669	62%	2.23	5.28
2008	11,443	1,390	7,542	9,514	17,056	50%	2.43	5.11
2009	11,109	1,342	6,495	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
2012	3,965	0	1,695	942	2,637	53%	2.05	4.79
2013	3,467	0	1,454	480	1,935	48%	1.76	4.72
2014	2,991	61	1,770	314	2,083	66%	1.99	5.12
2015	3,260	62	1,910	314	2,224	64%	2.08	5.23
2016	3,266	62	2,112	350	2,461	70%	2.04	5.42

2016 Firearm Antelope Harvest Projections

Last Revised: 01/24/2017			Residents			Nonresidents						Harvest Projections						Mean	Avg
			Appl. 1st			Appl. 1st			Tags	Response	Unit/Subunit	Adults		Kids		Total		Satisf	Days
Unit Description	**Unit**	**Type**	**Choice ***	**Available**	**Sold**	**Choice ***	**Available**	**Sold**	**Sold**	**Rate**	**Success**	**Bucks**	**Does**	**Bucks**	**Does**	**Harvest**	**CI (95%)**	**Score**	**Hunted**
Pennington E	02A	41	289	150	150	16	3	3	153	83%	59%	73	15	2	0	90	+/-5	4.63	2.34
Bennett/Oglala Lakota	11A	41	121	50	50	3	1	1	51	75%	66%	32	1	0	0	34	+/-4	5.30	1.84
Butte NW	15A	41	502	200	201	32	4	4	205	84%	81%	145	14	3	5	167	+/-6	5.50	1.85
Butte/Lawrence	15B	41	655	250	251	27	5	5	256	87%	78%	172	20	4	3	199	+/-8	5.48	1.92
Corson	20A	41	148	40	43	3	1	1	44	75%	58%	19	4	1	1	25	+/-4	5.20	2.03
Custer E /Penn C	21A	41	300	125	125	11	3	3	128	85%	61%	66	9	2	1	79	+/-4	5.16	2.81
Dewey	24A	41	71	30	30	5	1	1	31	87%	52%	10	5	1	0	16	+/-2	4.71	2.07
F River/Custer SW	27A	41	1,621	500	502	82	10	10	512	81%	75%	315	48	13	7	382	+/-21	5.40	2.15
Haakon	31A	41	134	100	100	3	2	2	102	78%	61%	57	5	0	0	62	+/-5	5.17	1.96
Harding W	35A	41	765	200	200	96	4	4	204	84%	82%	156	8	3	0	167	+/-6	5.49	1.79
Harding E	35B	41	493	150	150	44	3	3	153	87%	86%	122	10	0	0	132	+/-3	5.96	1.74
Hughes/Hyde	36A	41	110	40	40	3	1	1	41	76%	55%	22	0	0	0	22	+/-3	5.40	2.26
Jackson	39A	41	178	50	50	6	1	1	51	84%	53%	21	5	1	0	27	+/-3	4.34	2.28
Jones	41A	41	55	20	19	8	1	1	20	70%	21%	4	0	0	0	4	+/-2	3.92	3.36
Meade N	49A	41	749	400	400	71	8	8	408	82%	78%	264	42	11	0	317	+/-15	5.61	1.68
Meade S	49B	41	345	200	200	15	4	4	204	84%	81%	131	27	5	1	166	+/-6	5.76	2.19
Mellette	50A	41	50	20	20	4	1	1	21	67%	43%	6	3	0	0	9	+/-3	4.62	2.71
Perkins N	53A	41	295	100	101	40	2	2	103	76%	74%	70	5	0	1	77	+/-5	5.57	2.06
Perkins S	53B	41	449	150	150	41	3	3	153	77%	86%	123	8	0	0	131	+/-4	5.83	1.50
Stanley	58A	41	99	50	50	1	1	1	51	86%	57%	26	1	2	0	29	+/-3	5.23	1.86
Sully	59A	41	86	20	20	0	1	1	21	76%	75%	13	3	0	0	16	+/-2	5.71	2.00
Ziebach	64A	41	181	100	100	12	2	2	102	84%	77%	64	12	1	1	78	+/-3	5.49	1.86
Landowner Own Land	ST1	41	NA	Unltd	135	NA	0	0	135	80%	47%	59	5	0	0	64	+/-6	5.02	2.22
	ST1	48	NA	Unltd	179	NA	0	0	358	66%	47%	80	71	9	8	168	+/-19	4.75	2.53
Totals			**7,696**	**2,945**	**3,266**	**523**	**62**	**62**	**3,507**	**81.0%**	**70%**	**2,051**	**321**	**61**	**29**	**2,461**	**+/-142**	**5.42**	**2.04**

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

Firearm Antelope 1976-2016



2016 Antelope LOL Harvest Distribution

Last Revised:
24-Jan-17

County		Reported Harvest					Projected Harvest				Total	
		Bucks	Does	Buck kids	Doe kids	Total	Bucks	Does	Buck kids	Doe kids	Projected	%
Pennington E	02A	2	0	0	0	2	3	0	0	0	3	1.2%
Bennett/Oglala Lakota	11A	1	1	0	0	2	1	2	0	0	3	1.3%
Butte NW	15A	7	2	0	1	10	10	3	0	2	15	6.5%
Butte/Lawrence	15B	5	1	0	0	6	7	2	0	0	9	3.8%
Corson	20A	3	1	0	0	4	4	2	0	0	6	2.6%
Custer E /Penn C	21A	2	1	1	0	4	3	2	2	0	6	2.7%
Dewey	24A	2	0	0	0	2	3	0	0	0	3	1.2%
F River/Custer SW	27A	3	2	0	0	5	4	3	0	0	8	3.3%
Haakon	31A	6	0	0	0	6	9	0	0	0	9	3.7%
Harding W	35A	5	4	0	0	9	7	7	0	0	14	6.0%
Harding E	35B	4	5	1	0	10	6	8	2	0	16	6.9%
Hughes/Hyde	36A	3	0	0	0	3	4	0	0	0	4	1.9%
Jackson	39A	5	1	0	0	6	7	2	0	0	9	3.8%
Jones	41A	4	1	0	0	5	6	2	0	0	7	3.2%
Lyman	45A	0	0	0	0	0	0	0	0	0	0	0.0%
Ft Pr Nat Grslnd	45B	0	0	0	0	0	0	0	0	0	0	0.0%
Meade N	49A	16	7	2	1	26	23	12	4	2	40	17.2%
Meade S	49B	11	11	0	0	22	16	18	0	0	34	14.7%
Mellette	50A	1	1	0	0	2	1	2	0	0	3	1.3%
Perkins N	53A	5	3	0	2	10	7	5	0	3	15	6.6%
Perkins S	53B	5	3	1	1	10	7	5	2	2	16	6.7%
Stanley	58A	2	0	0	0	2	3	0	0	0	3	1.2%
Sully	59A	2	1	0	0	3	3	2	0	0	5	2.0%
Tripp	60A	0	0	0	0	0	0	0	0	0	0	0.0%
Walworth/Potter	63A	0	0	0	0	0	0	0	0	0	0	0.0%
Ziebach	64A	2	1	0	0	3	3	2	0	0	5	2.0%
Unknown		3	5	1	0	9						
TOTALS		**99**	**51**	**6**	**5**	**161**	**139**	**76**	**9**	**8**	**232**	

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!

MENTORED YOUTH ANTELOPE

There were 538 resident single-tag doe/kid licenses issued for the 2016 Mentored Youth Antelope hunting season. All mentors/hunters were sampled and 387 responses (72%) were received to a combination of electronic and paper surveys.

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 from October 1-16.

Respondents reported hunting an average of 1.83 days each, which projected to 985 recreation days for the season.

Projections for the season estimated that a total of 28 buck kids, 225 doe adults and 14 doe kids were harvested. The estimated total harvest for the Mentored Youth Antelope season was 267, and the overall success rate was 50%. The five units with the highest reported harvest were Perkins S (53B), Butte/Lawrence (15B), Meade N (49A), Harding E (35B), and Fall River/Custer SW (27A).

The average satisfaction rating for those responding (1 being very dissatisfied and 7 very satisfied) was 5.72.

Summary for the 2008-2016 Mentored Youth Antelope hunting seasons

		Harvest					Avg	
	Licenses	Buck	Doe				Days	Average
YEAR	Sold	Kids	Adults	Kids	Total	Success	Hunted	Satisfctn
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
2012	316	15	101	11	128	40%	1.61	5.66
2013	350	14	80	14	108	31%	1.32	5.35
2014	361	16	126	22	163	45%	1.58	5.58
2015	493	32	165	32	230	47%	1.71	5.72
2016	538	28	225	14	267	50%	1.83	5.72

2016 Mentored Youth Antelope Harvest Projections

Last Revised: 25-Jan-17					Harvest Projections				Avg	Avg
Unit/Type	Available	Sold	Response Rate	Unit Success	Adult Does	Doe Kids	Buck Kids	Total Harvest	Satisfctn Score	Days Hunted
ST1-43	Unlimited	538	72%	50%	225	14	28	267	5.72	1.83

Satisfaction is based on a scale of 1-7, where "1" is most dissatisified, "4" is neutral and "7" is most satisfied.

2016 Mentored Antelope Harvest Distribution

Last Revised:
25-Jan-17

Unit	Reported Harvest				Projected Harvest			Total	
	Does	Doe Kids	Buck Kids	Total	Does	Doe Kids	Buck Kids	Projected	%
02A (Pennington E)	4	0	2	6	6	0	3	8	3.2%
11A (Bennett/Shannon)	0	0	0	0	0	0	0	0	0.0%
13 (Brule)	0	0	0	0	0	0	0	0	0.0%
14 (Buffalo)	0	0	0	0	0	0	0	0	0.0%
15A (Butte NW)	7	0	0	7	10	0	0	10	3.7%
15B (Butte/Lawrence)	14	2	1	17	20	3	1	25	9.3%
16 (Campbell)	0	0	0	0	0	0	0	0	0.0%
20A (Corson)	2	0	0	2	3	0	0	3	1.1%
21A (Custer E /Penn C)	6	1	0	7	9	2	0	10	3.9%
24A (Dewey)	0	0	1	1	0	0	1	1	0.5%
27A (F River/Custer SW)	23	3	4	30	33	5	6	44	16.3%
31A (Haakon)	1	0	1	2	1	0	1	3	1.1%
33 (Hand)	0	0	0	0	0	0	0	0	0.0%
35A (Harding W)	11	0	3	14	16	0	4	20	7.4%
35B (Harding E)	13	1	1	15	19	2	1	22	8.1%
36A (Hughes/Hyde)	4	0	0	4	6	0	0	6	2.1%
39A (Jackson)	6	0	0	6	9	0	0	9	3.2%
41A (Jones)	1	0	0	1	1	0	0	1	0.5%
45A (Lyman)	0	0	0	0	0	0	0	0	0.0%
45B (Ft Pr Nat Grslnd)	0	0	0	0	0	0	0	0	0.0%
49A (Meade N)	24	0	0	24	34	0	0	34	12.8%
49B (Meade S)	8	0	1	9	11	0	1	13	4.8%
50A (Mellette)	0	0	0	0	0	0	0	0	0.0%
53A (Perkins N)	2	0	2	4	3	0	3	6	2.1%
53B (Perkins S)	18	1	3	22	26	2	4	32	11.8%
58A (Stanley)	5	0	0	5	7	0	0	7	2.7%
59A (Sully)	4	0	0	4	6	0	0	6	2.1%
60A (Tripp)	0	0	0	0	0	0	0	0	0.0%
63A (Walworth/Potter)	0	0	0	0	0	0	0	0	0.0%
64A (Ziebach)	5	0	1	6	7	0	1	9	3.2%
Unknown	4	2	0	6					
TOTALS	**162**	**10**	**20**	**192**	**225**	**14**	**28**	**267**	

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!

CUSTER STATE PARK ANTELOPE

The 2016 Custer State Park Antelope season was open October 11-19. A total of 1,223 applications were received for the 3 available licenses. Each license holder received either an electronic or paper survey and all 3 responded, each harvesting a mature buck and averaging 1.3 days of hunting. Hunter satisfaction was based on a numerical scale from 1 (very dissatisfied) to 7 (very satisfied) and averaged 7.00 for the season.

Summary comparison of the 2011-2016 seasons

			Harvest				Avg. Days	Average
Year	Apps	Licenses	Bucks	Does	Total	Success	Hunted	Satisfaction
2011	1,170	3	3	0	3	100%	1.3	NA
2012	916	3	3	0	3	100%	1.3	NA
2013	995	3	3	0	3	100%	1.0	NA
2014	1,086	3	3	0	3	100%	2.0	6.00
2015	1,223	3	3	0	3	100%	1.7	6.67
2016	1,243	3	3	0	3	100%	1.3	7.00

2016 CSP Antelope Harvest Projections

Last Revised: 1/24/2017

		Resident				Harvest Projections					Avg	Avg
Unit/Type	Appl. 1st Choice *	Avail.	Sold	Response Rate	Unit Success	Bucks	Does	Buck Kids	Doe Kids	Total Harvest	Satisfactn Rating	Days Hunted
CU1-41	1,243	3	3	100%	100%	3	0	0	0	3	7.00	1.33

Satisfaction is based on a scale of 1-7, where "1" is very dissatisified, "4" is neutral and "7" is very satisfied.

ARCHERY ELK

A total of 280 resident licenses were issued for the 2016 Archery Elk season. All license holders were sent a survey at the end of the season and 241 responded for an 87% response rate. Approximately 76% responded through the Internet.

Respondents reported hunting an average of 11.11 days for a total of 3,111 days of recreation for the season. The projected harvest was 57 bulls and 25 cows for an overall success rate of 29%.

Hunter satisfaction was based on a numerical scale from 1 (very dissatisfied) to 7 (very satisfied) and averaged 5.40 for the season. Approximately 96% of responding hunters reported hunting on public land, 3% on private land they did not own, and 1% 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 2007-2016 Archery Elk seasons

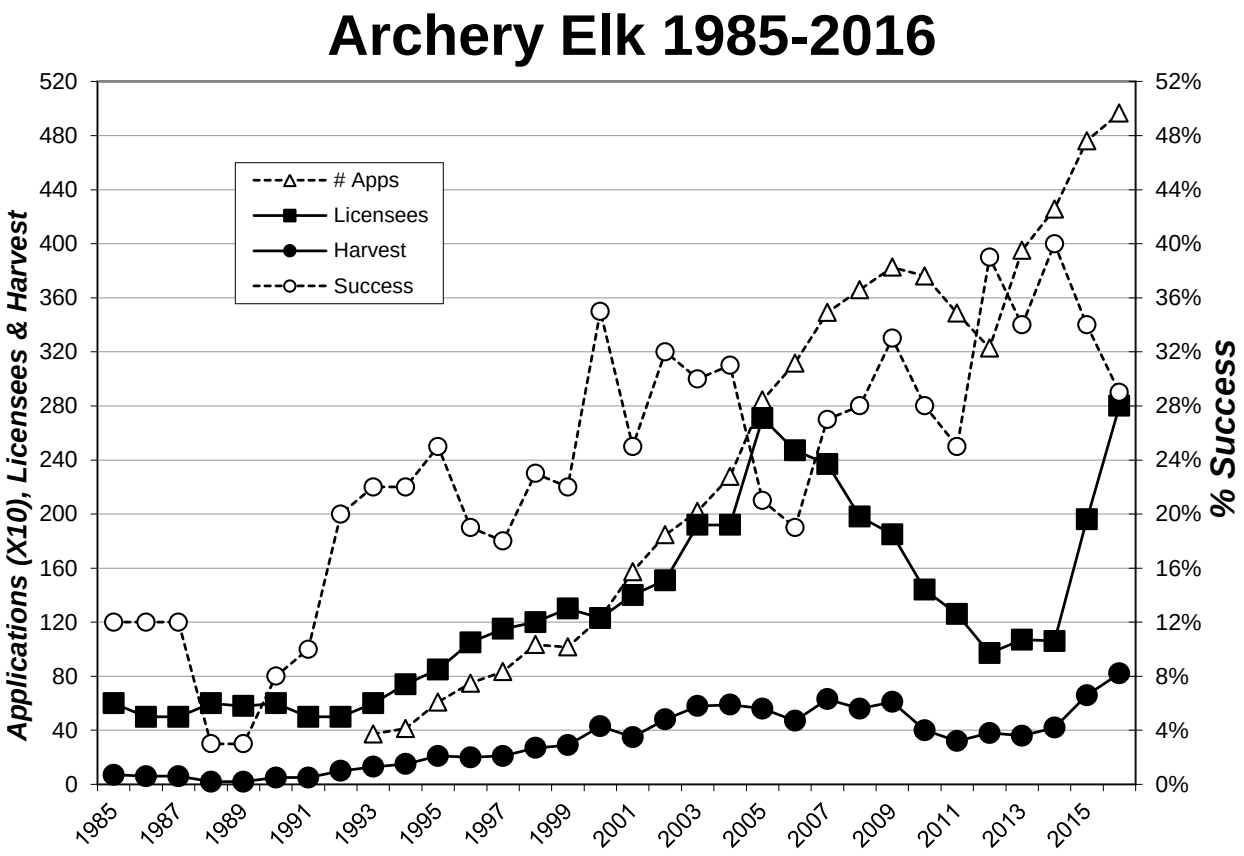
	# Apps	Licenses	Harvest			Success	Avg. Days	Average
Year	1st Choice	Sold	Bulls	Cows	Total	Rate	Hunted	Satisfaction
2007	3,491	237	41	22	63	27%	10.58	5.27
2008	3,660	202	47	9	56	28%	10.87	5.31
2009	3,826	185	52	9	61	33%	10.29	5.52
2010	3,761	144	34	6	40	28%	11.88	5.16
2011	3,486	126	24	8	32	25%	11.42	5.01
2012	3,228	97	33	4	38	39%	11.94	5.34
2013	3,952	107	33	3	36	34%	11.97	5.59
2014	4,256	106	38	4	42	40%	11.68	5.61
2015	4,761	196	55	12	66	34%	11.74	5.39
2016	4,965	280	57	25	82	29%	11.11	5.40

2016 Archery Elk Harvest Projections

Last Revised: 27 March 2017

	Resident Licenses					Harvest Projections							Avg	Avg	Land Hunted Most		
Unit/Type	Appl. 1st Choice *	Avail.	Sold	Resp.	Success	Bulls	Cows	Bull Calves	Cow Calves	Total Elk Harvested	CI (95%)	Elk Shot Not Recovered	Satisfctn Score	Days Hunted	Public	Own	Other Private
H1A-21	603	25	25	88%	27%	7	0	0	0	7	+/-2	5	5.5	11.7	22	0	0
H1A-23	8	10	8	100%	0%	0	0	0	0	0	+/-	0	4.0	8.1	6	0	0
H2A-21	3,638	90	88	91%	48%	41	1	0	0	42	+/-3	14	6.0	12.8	80	1	0
H2A-23	82	115	112	82%	21%	0	20	1	2	23	+/-4	2	5.2	9.5	85	0	4
H3A-21	448	25	25	88%	18%	5	0	0	0	5	+/-1	5	5.5	13.4	19	2	2
H3A-23	9	10	10	90%	22%	0	2	0	0	2	+/-1	0	4.5	8.4	6	0	1
H5A-21	37	2	2	50%	0%	0	0	0	0	0	+/-	0	1.0	15.0	2	0	0
H7A-21	135	5	5	100%	60%	3	0	0	0	3	+/-0	0	6.4	13.2	4	0	0
H7A-23	5	5	5	80%	0%	0	0	0	0	0	+/-	0	4.0	10.3	5	0	0
Totals	**4,965**	**287**	**280**	86.7%	29.4%	56	23	1	2	**82**	**+/- 11**	**26**	**5.40**	**11.11**	**229**	**3**	**7**
The response rate for all units combined is:					86.7%										96%	1%	3%

Satisfaction scale of 1=very dissatisfied to 7=very satisfied.
* Number of 1st drawing applicants with that unit as 1st choice.


Archery Elk 1985-2016
Apps
Licensees
Harvest
Success
Applications (X10), Licensees & Harvest
% Success
520
480
440
400
360
320
280
240
200
160
120
80
40
0
52%
48%
44%
40%
36%
32%
28%
24%
20%
16%
12%
8%
4%
0%
1985
1987
1989
1991
1993
1995
1997
1999
2001
2003
2005
2007
2009
2011
2013
2015

BLACK HILLS FIREARM ELK

A total of 1,745 licenses were issued for the 2016 Black Hills Firearm Elk season. All license holders were sent a survey at the end of the season and 1,560 responded for a 90% response rate. Approximately 68% responded through the Internet.

Respondents reported hunting an average of 4.59 days which projects to a total of 8,010 days of recreation for the season. The projected harvest was 363 bulls and 724 cows for an overall success rate of 62%.

Hunter satisfaction was based on a numerical scale from 1 (very dissatisfied) to 7 (very satisfied) and averaged 5.42 for the season. Approximately 91% of responding hunters reported hunting on public land, 4% on private land they did not own, and 5% 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 2007-2016 Black Hills Firearm Elk seasons

	# Apps	***Licenses***	***Harvest***			***Success***	***Avg. Days***	***Average***
Year	***1st Choice***	***Sold***	***Bulls***	***Cows***	***Total***	***Rate***	***Hunted***	***Satisfaction***
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
2012	9,665	570	291	125	416	73%	6.37	5.30
2013	11,274	620	272	103	374	60%	6.63	4.65
2014	11,461	664	295	178	472	71%	5.85	5.46
2015	12,126	922	312	345	657	71%	6.66	5.54
2016	12,692	1,745	363	724	1,087	62%	4.59	5.42

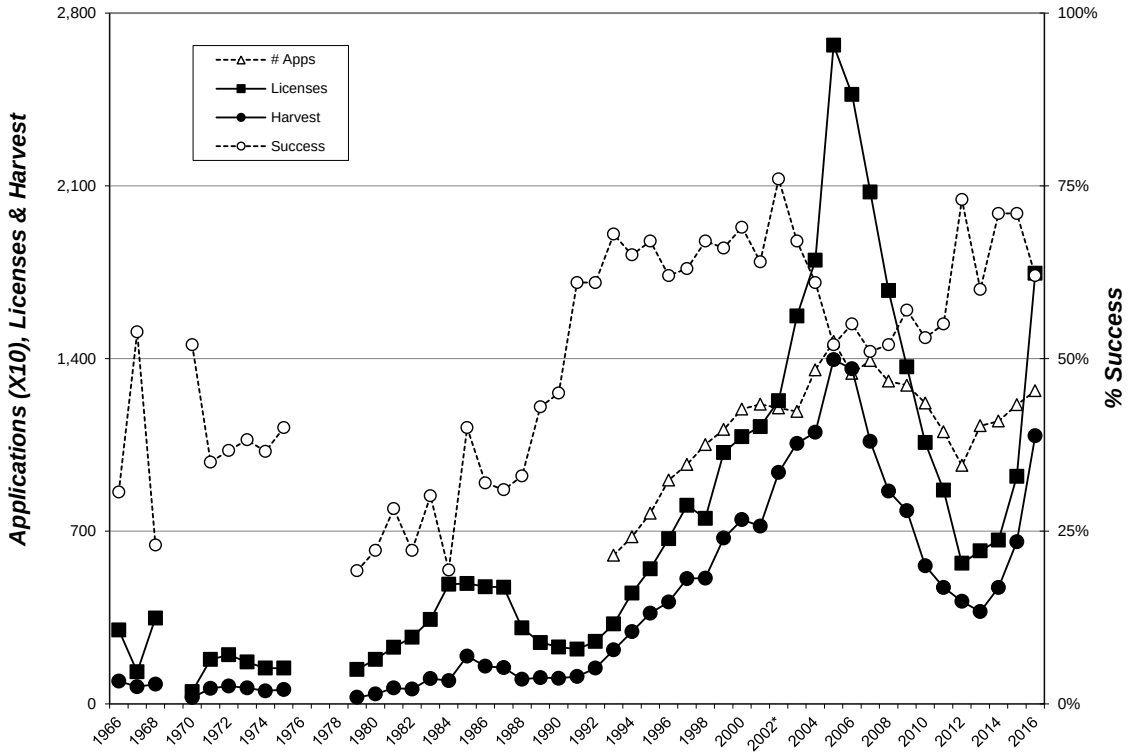
2016 Black Hills Firearm Elk Harvest Projections

Last Revised: 27 March 2017

	Resident Licenses					Harvest Projections							Avg	Avg	Land Hunted Most		
Unit/Type	Appl. 1st Choice *	Avail.	Sold	Resp.	Success	Bulls	Cows	Bull Calves	Cow Calves	Total Elk Harvested	CI (95%)	Elk Shot Not Recovered	Satisfctn Score	Days Hunted	Public	Own	Other Private
H1A-21	1,127	75	75	91%	72%	49	4	0	0	54	+/-3	3	5.70	9.3	67	1	1
H1B-23	64	30	35	83%	41%	0	13	1	0	14	+/-3	1	4.46	5.4	29	0	0
H2A-21	8,990	250	249	90%	88%	198	19	1	2	220	+/-3	9	6.11	5.9	221	10	3
H2B-23	333	200	206	92%	59%	2	110	3	7	122	+/-4	5	5.37	4.6	163	1	5
H2C-23	93	150	154	87%	44%	0	60	2	6	68	+/-5	1	4.91	4.2	118	0	2
H2D-23	8	50	55	85%	43%	0	15	1	7	23	+/-3	1	4.54	3.6	41	0	0
H2E-23	152	200	204	94%	49%	0	87	3	11	101	+/-4	3	4.96	4.5	171	0	0
H2F-23	98	200	205	91%	73%	0	139	4	6	149	+/-4	9	5.79	3.2	186	0	0
H2G-23	26	125	130	82%	64%	0	72	4	7	83	+/-5	4	6.11	2.1	108	0	0
H2H-23	12	25	25	96%	58%	0	14	1	0	15	+/-1	0	5.00	4.4	23	0	1
H2I-23	1	25	30	87%	58%	0	17	0	0	17	+/-2	0	5.26	3.2	23	0	0
H2J-23	0	25	30	87%	81%	0	21	0	3	24	+/-2	1	5.96	2.4	27	0	0
H3A-21	1,271	80	80	94%	83%	58	9	0	0	66	+/-2	3	5.38	5.8	33	31	12
H3B-23	23	15	15	73%	36%	0	4	1	0	5	+/-2	1	5.09	4.7	10	0	0
H3C-23	7	15	15	93%	36%	0	5	0	0	5	+/-1	0	4.83	4.5	10	0	0
H3D-23	2	15	15	73%	18%	0	3	0	0	3	+/-2	0	4.67	2.6	10	0	1
H3E-23	30	50	50	88%	43%	0	18	1	2	22	+/-3	3	4.80	5.7	35	1	8
H3F-23	6	50	50	92%	33%	0	14	1	1	16	+/-2	1	4.37	4.2	22	0	13
H3G-23	4	50	50	92%	61%	0	22	1	8	30	+/-2	1	5.82	2.6	23	2	16
H4A-21	31	8	8	100%	88%	7	0	0	0	7	+/-0	0	5.50	3.5	1	2	5
H5A-21	66	5	5	100%	80%	3	1	0	0	4	+/-0	0	5.40	12.4	4	1	0
H7A-21	297	20	20	80%	81%	16	0	0	0	16	+/-2	0	5.75	7.4	15	4	1
H7B-23	13	20	24	92%	59%	0	14	0	0	14	+/-1	4	5.48	6.8	21	0	1
H9A-21	30	5	5	100%	60%	3	0	0	0	3	+/-0	0	4.60	9.8	1	2	1
H9B-23	8	10	10	90%	44%	1	1	0	2	4	+/-1	1	5.22	5.4	3	3	2
Totals	**12,692**	**1,698**	**1,745**	89.6%	62.3%	337	662	26	62	**1,087**	**+/- 55**	**54**	**5.42**	**4.59**	**1,362**	**60**	**76**
The response rate for all units combined is:					89.6%										91%	4%	5%

Satisfaction scale of 1=very dissatisfied to 7=very satisfied.
* Number of 1st drawing applicants with that unit as 1st choice.

Black Hills Firearm Elk 1966-2016



PRAIRIE FIREARM ELK

A total of 148 licenses were issued for the 2016 Prairie Firearm Elk season. All license holders were sent a survey at the end of the season and 123 responded for an 83% response rate. Approximately 55% responded through the Internet.

Respondents reported hunting an average of 4.76 days for a total of 704 days of recreation. The projected harvest was 32 bulls and 27 cows for an overall success rate of 40%.

Hunter satisfaction was based on a numerical scale from 1 (very dissatisfied) to 7 (very satisfied) and averaged 4.68 for the season.

Approximately 13% of responding hunters reported hunting mostly on public land, 71% on private land they did not own, and 16% on private land they owned.

Summary comparison for 2007-2016 Prairie Firearm Elk seasons

YEAR	Licenses Sold	Harvest Bulls	Harvest Cows	Harvest Total	Success	Avg. Days Hunted	Average Satisfaction
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
2012	97	26	20	46	47%	5.22	4.72
2013	96	18	13	30	32%	4.81	4.15
2014	92	33	25	59	64%	3.73	5.31
2015	98	29	25	54	55%	4.59	5.34
2016	148	32	27	60	40%	4.76	4.68

2016 Prairie Firearm Elk Harvest Projections

Last Revised: 27 March 2017

Resident Licenses						Harvest Projections							Avg	Avg	Land Hunted Most		
Unit/Type	Appl. 1st Choice *	Avail.	Sold	Resp.	Success	Bulls	Cows	Bull Calves	Cow Calves	Total Elk Harvested	CI (95%)	Elk Shot Not Recovered	Satisfctn Score	Days Hunted	Public	Own	Other Private
09A-21	452	10	10	60%	67%	7	0	0	0	7	+/-2	0	7.0	4.0	0	5	3
09A-23	64	40	40	75%	17%	0	5	1	0	7	+/-3	0	3.2	2.9	0	0	19
11A-23	14	10	10	80%	38%	0	4	0	0	4	+/-2	0	4.4	2.1	0	0	8
11B-21	485	12	12	92%	64%	8	0	0	0	8	+/-1	0	5.9	7.0	3	3	3
11C-21	255	12	12	92%	73%	8	1	0	0	9	+/-1	0	4.9	4.7	0	2	9
11D-23	61	20	20	85%	59%	0	12	0	0	12	+/-2	1	6.6	2.4	1	1	13
15A-21	277	10	11	100%	45%	5	0	0	0	5	+/-0	1	6.4	6.6	0	2	7
15A-23	19	10	8	100%	13%	0	1	0	0	1	+/-0	0	2.9	7.5	0	0	7
27A-21	621	15	15	93%	29%	4	0	0	0	4	+/-1	0	4.1	8.3	3	3	3
27A-23	24	10	10	70%	43%	0	3	0	1	4	+/-2	0	3.3	8.3	6	0	1
Totals	**2,272**	**149**	**148**	83.1%	40.4%	31	26	1	1	**60**	**+/- 13**	**2**	**4.68**	**4.76**	**13**	**17**	**75**
The response rate for all units combined is:					83.1%										13%	16%	71%

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

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

CUSTER STATE PARK ARCHERY ELK

A total of 3 resident licenses were issued for the 2016 Custer State Park Early Archery Elk season which was open from September 1-30. There was no Late CSP Archery season in 2016.

Respondents reported hunting an average of 15.0 days for a total of 45 days of recreation. One hunter reported harvesting an adult bull and one hunter reported shooting an elk that he/she was unable to recover. Hunter satisfaction was based on a numerical scale from 1 (very dissatisfied) to 7 (very satisfied) and averaged 6.00 for the season.

Summary comparison of the 2007-2016 CSP Archery elk seasons

Year	Applications	Licenses	Bull Harvest	Cow Harvest	Success	Avg. Days Hunted	Average Satisfaction
2007	4,862	58	3	1	8%	9.30	NA
2008	5,083	58	8	0	16%	8.74	NA
2009	5,141	58	5	3	15%	10.4	NA
2010	4,898	35	0	0	0%	11.2	NA
2011	3,863	18	1	0	6%	7.8	NA
2012	2,077	3	0	0	0%	14.0	NA
2013	2,740	3	3	0	100%	9.3	NA
2014	3,023	4	4	0	100%	8.8	7.00
2015	3,600	4	3	0	75%	16.3	6.50
2016	3,707	3	1	0	33%	15.0	6.00

CUSTER STATE PARK FIREARM ANY ELK

A total of 9 resident licenses were issued for the 2016 Custer State Park Firearm Any Elk season which was open from September 17 – October 2.

Respondents reported hunting an average of 2.8 days for a total of 25 days of recreation. All hunters responded and all but one reported harvesting adult bulls. One hunter reported shooting an elk that he/she was unable to recover. Hunter satisfaction was based on a numerical scale from 1 (very dissatisfied) to 7 (very satisfied) and averaged 6.56 for the season.

Summary comparison of the 2007-2016 CSP Firearm Any elk seasons

Year	Applications	Licenses	Bull Harvest	Cow Harvest	Success	Avg. Days Hunted	Average Satisfaction
2007	11,374	41	37	0	90%	4.5	NA
2008	10,998	36	35	0	97%	3.9	NA
2009	10,823	36	30	1	86%	5.7	NA
2010	10,145	21	14	2	76%	NA	NA
2011	8,019	11	10	0	91%	5.50	NA
2012	6,582	4	4	0	100%	1.75	NA
2013	7,860	4	3	1	100%	2.00	NA
2014	8,084	4	4	0	100%	1.00	7.00
2015	9,136	8	8	0	100%	1.90	6.88
2016	8,958	9	8	0	89%	2.80	6.56

CUSTER STATE PARK ANTLERLESS ELK

A total of 20 resident licenses were issued for the 2016 Custer State Park Antlerless Elk season which was open from October 8-16 and October 22-30.

Respondents reported hunting an average of 2.2 days for a total of 44 days of recreation. All hunters responded and all but two reported harvesting cows. Hunter satisfaction was based on a numerical scale from 1 (very dissatisfied) to 7 (very satisfied) and averaged 6.20 for the season.

Summary comparison of the 2007-2016 CSP Antlerless elk seasons

Year	*Applications*	*Licenses*	*Bull Harvest*	*Cow Harvest*	*Success*	*Avg. Days Hunted*	*Average Satisfaction*
2007	3,763	60	1	31	53%	3.3	NA
2008	3,646	40	2	21	55%	2.8	NA
2009	3,548	20	0	19	95%	2.5	NA
2010	3,192	5	0	4	80%	NA	NA
2011-15	Closed						
2016	3,138	20	0	18	90%	2.20	6.20

2016 Custer State Park Antlerless Elk Harvest Projections

Last Revised: 27 March 2017

Resident Licenses						Harvest Projections								
Unit/Type	Appl. 1st Choice *	Avail.	Sold	Resp.	Success	Bulls	Cows	Bull Calves	Cow Calves	Total Elk Harvested	CI (95%)	Elk Shot Not Recovered	Avg Satisfctn Score	Avg Days Hunted
CU1-23	2,210	10	10	100%	100%	0	10	0	0	10	+/-0	2	6.00	2.8
CU2-23	928	10	10	100%	80%	0	7	0	1	8	+/-0	0	6.40	1.6
Totals	**3,138**	**20**	**20**	100.0%	90.0%	**0**	**17**	**0**	**1**	**18**	**+/-0**	**2**	**6.20**	**2.20**

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

Statewide Combined Deer Harvest

There were 54,241 resident deer licenses (plus unlimited licenses) available in 2016 and 93,417 were issued. Nonresidents had 2,434 licenses (plus unlimited licenses) available and 7,763 were issued. Statewide, there were a total of 101,180 licenses sold that represented a total of 122,446 tags, an increase in 1,844 licenses and 11,396 tags from 2015. Triple-tag licenses were offered again for the East River season after eliminating them in 2014. A total of 67,615 individual hunters were issued deer licenses in 2016, up slightly from 67,395 in 2015.

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. Response rates ranged from 65% for Landowner Free Antlerless to 90% for Custer State Park.

The projected statewide deer harvest was 53,027, a 0.8% increase from 2015. This estimate included 27,869 whitetail bucks, 18,661 whitetail does, 5,301 mule bucks and 1,195 mule does. A slight increase in overall harvest of 438 deer with a moderate increase in the number of tags issued resulted in a 4% decrease in harvest success from 2015.

Increases in mule deer buck and white-tailed doe harvest along with a decrease in white-tailed buck harvest accounted for the slight increase in overall harvest from 2015. Both whitetail and mule doe harvest estimates increased from 2016 by 2,664 and 178 respectively. Mule buck harvest increased from 2015 by 413, while white-tailed deer harvest decreased by 2,818. Mule deer made up approximately 12% of the total harvest.

The 2016 overall statewide harvest success decreased significantly to 43% from 47% in 2015. Harvest success ranged from 27% for Archery to 81% for West River Special Buck.

Respondents reported hunting an average of 5.14 days per hunter, which projects to a statewide total of 520,272 recreation days in 2016. A decrease in days hunted combined with only a slight increase in license sales resulted in a decrease of approximately 6,400 total days of recreation from 2015.

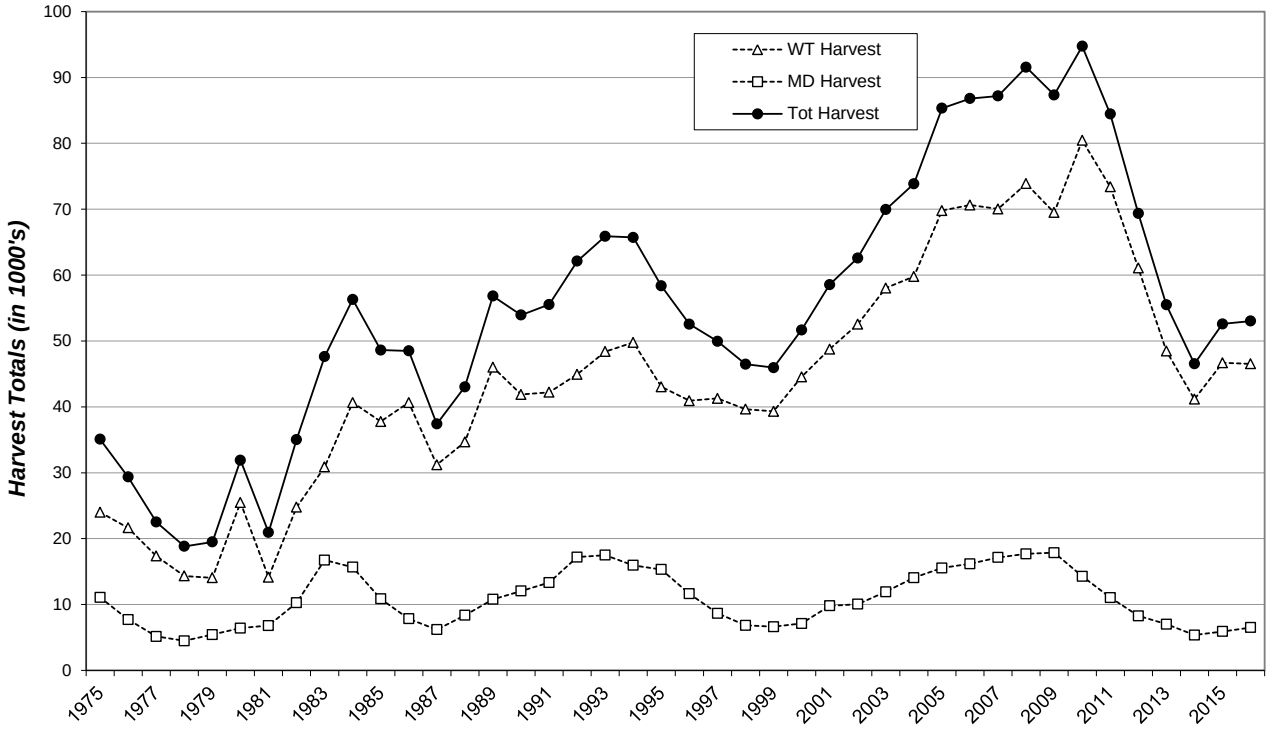
Average hunter satisfaction values (1=very dissatisfied to 7=very satisfied) varied between seasons and ranged from 4.35 East River Landowner Own Land to 5.84 for Mentored Youth.

2016 Statewide Deer Harvest Projection Summary

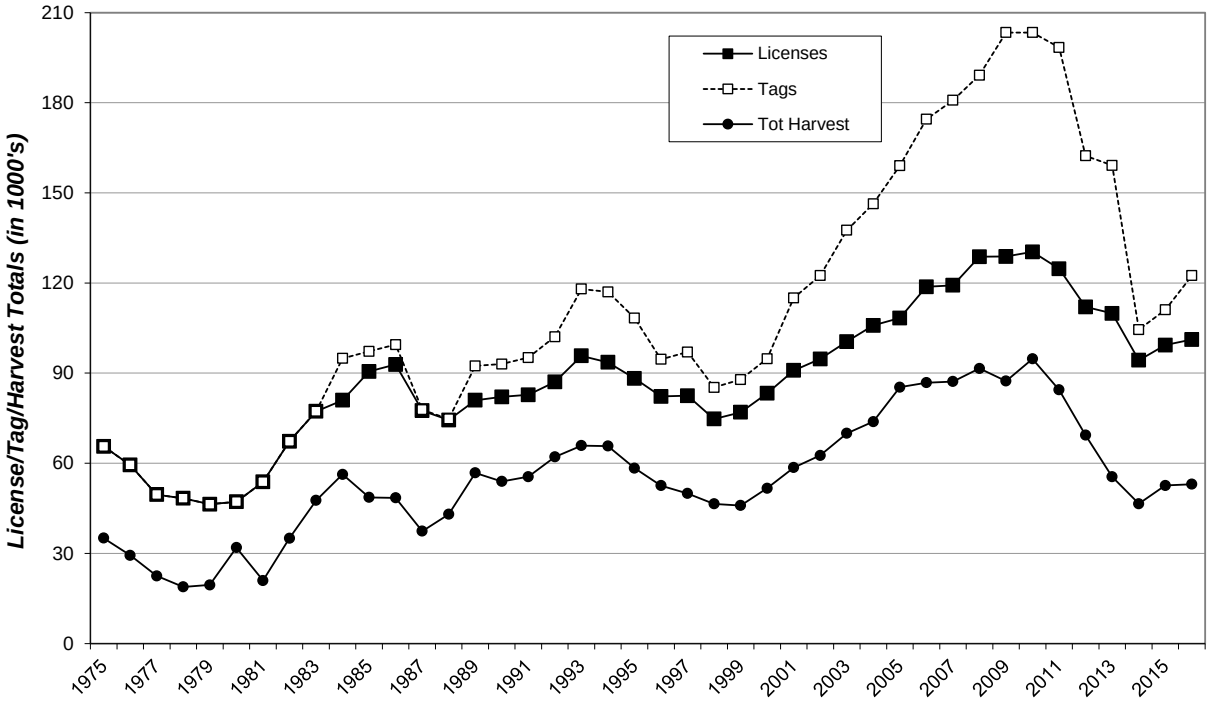
last revised: 1 May 2017

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	Sand Lake NWR	Lacreek NWR	Waubay NWR	Black Hills	Custer State Park	Grand Totals
												Refuges					
Licenses/Tags																	
Resident Licenses																	
Available	Unlimited	Unlimited	Unlimited	Unlimited	Unlimited	19,765	Unlimited	500	29,080	Unlimited	556	150	20	30	4,100	40	54,241
Sold	24,531	4,316	3,646	2,914	628	19,221	2,256	497	25,479	5,020	549	150	20	30	4,120	40	93,417
Resident Tags																	
Available	Unlimited	Unlimited	Unlimited	Unlimited	Unlimited	25,185	Unlimited	500	42,055	Unlimited	556	150	20	30	4,100	40	72,636
Sold	24,531	4,316	3,646	2,914	628	24,410	3,658	497	35,809	7,953	549	150	20	30	4,120	40	113,271
Nonresident Licenses																	
Available	Unlimited	Unlimited	N/A	Unlimited	N/A	1,585	N/A	500	Leftovers	N/A	N/A	15	3	3	328	N/A	2,434
Sold	3,474	545	N/A	134	N/A	2,016	N/A	494	759	N/A	N/A	13	0	3	325	N/A	7,763
Nonresident Tags																	
Available	Unlimited	Unlimited	N/A	Unlimited	N/A	2,019	N/A	500	Leftovers	N/A	N/A	15	3	3	328	N/A	2,868
Sold	3,474	545	N/A	134	N/A	2,592	N/A	494	1,595	N/A	N/A	13	0	3	325	N/A	9,175
Total Licenses																	
Available	Unlimited	Unlimited	Unlimited	Unlimited	Unlimited	21,350	Unlimited	1,000	29,080	Unlimited	556	165	23	33	4,428	40	56,675
Sold	28,005	4,861	3,646	3,048	628	21,237	2,256	991	26,238	5,020	549	163	20	33	4,445	40	101,180
Total Tags																	
Available	Unlimited	Unlimited	Unlimited	Unlimited	Unlimited	27,204	Unlimited	1,000	42,055	Unlimited	556	165	23	33	4,428	40	75,504
Sold	28,005	4,861	3,646	3,048	628	27,002	3,658	991	37,404	7,953	549	163	20	33	4,445	40	122,446
Hunters	22,131	4,861	3,646	2,983	522	19,973	2,256	991	25,734	5,020	549	163	20	33	4,445	40	67,615
Recreation																	
Average Days Hunted	10.80	4.15	3.57	4.02	3.54	3.25	4.01	3.52	4.16	4.49	5.09	2.60	2.50	2.29	4.38	2.31	5.14
Total Days Hunted	239,072	20,187	13,001	11,985	4,182	64,821	9,036	3,491	109,023	22,552	2,796	423	50	76	19,484	92	520,272
Mean Satisfaction Score	5.06	5.65	5.84	5.01	5.15	5.13	5.24	5.79	4.70	4.35	5.03	4.81	5.58	5.15	5.76	5.81	
Harvest																	
White-tailed Deer																	
Bucks	4,781	322	287	333	36	7,600	851	338	8,675	1,696	289	33	7	8	2,605	10	27,869
Does	1,987	1,896	1,495	699	264	3,557	247	1	7,133	835	4	16	1	1	505	19	18,661
Total	6,768	2,218	1,782	1,032	300	11,157	1,098	339	15,808	2,531	292	49	8	10	3,110	29	46,531
Mule Deer																	
Bucks	824	29	30	89	0	2,869	556	459	279	55	24	0	0	0	86	0	5,301
Does	88	323	301	5	3	256	93	5	77	41	0	0	0	0	2	0	1,195
Total	912	353	331	94	3	3,126	650	464	356	95	24	0	0	0	88	0	6,497
Total Deer Harvest																	
Bucks	5,604	351	317	423	36	10,470	1,407	797	8,954	1,751	313	33	7	8	2,691	10	33,171
Does	2,075	2,219	1,797	704	267	3,813	340	6	7,209	876	4	16	1	1	508	19	19,857
Total	**7,680**	**2,571**	**2,114**	**1,127**	**303**	**14,283**	**1,747**	**803**	**16,163**	**2,627**	**317**	**49**	**8**	**10**	**3,198**	**29**	**53,027**
Success	27%	53%	58%	37%	48%	53%	48%	81%	43%	33%	58%	30%	40%	29%	72%	72%	43%

South Dakota's Combined Deer Harvest 1975-2016



South Dakota Combined Deer Licensing 1975-2016



ARCHERY DEER

There were 28,005 archery deer licenses issued in 2016 (24,531 resident, 3,474 nonresident). All were single any-deer tags or single antlerless whitetail tags for the Statewide, LM1 (Limited Statewide), East River or West River units.

All nonresident license holders, all access permit holders, and a random sample of 5,252 resident license holders were surveyed and 6,500 responded for a 72% return rate. Approximately 63% of hunters used the Internet to respond.

The 2016 Archery Deer season ran from September 24, 2016 through January 15, 2017, however only unfilled antlerless tags were valid from January 1-15. Respondents reported hunting 10.80 days per hunter, which projects to a total of 239,072 recreation days for the season.

The projected harvest for the archery season was 7,680 deer (4,780 whitetail bucks, 1,987 whitetail does, 824 mule deer bucks, and 89 mule deer does). The success rate for the season was 27%. The five deer management units with the highest reported harvest by residents were the Black Hills, Brown, Minnehaha, Lake, and Brookings, and by nonresidents were the Black Hills, Brown, Gregory, West Harding, and Custer National Forest.

Satisfaction was also measured (1=very dissatisfied to 7=very satisfied) and the average response for this season was 5.06.

Summary comparison of the 2011-2016 Archery Deer seasons

			Harvest						Avg	
	Licenses Sold		Bucks		Does			Tag	Days	Average
YEAR	Res	Nonres	WT	Mule	WT	Mule	Total	Success	Hunted	Satisfctn
2011	24,681	3.386	4,216	459	3,534	193	8,401	27%	12.51	4.86
2012	25,100	3,128	4,086	379	3,264	137	7,866	26%	11.78	4.86
2013	24,315	3,036	3,875	424	2,585	141	7,025	24%	11.11	4.76
2014	21,647	2,840	3,948	562	1,459	83	6,052	25%	10.80	4.97
2015	23,507	3,180	5,042	632	1,593	73	7,340	28%	11.24	5.14
2016	24,531	3,474	4,780	824	1,987	89	7,680	27%	10.80	5.06

2016 Archery Deer Harvest Projections

								Harvest Projections										
Last Revised:								Whitetail				Mule Deer				Total	Avg	
8-May-17		Licenses	Licenses	License	Response	Hunter	Tag	Bucks		Does		Bucks		Does		Deer	Days	Avg
Unit	Residency	Available	Sold	Holders	Rate	Success	Success	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Harvest	Hunted	Satisfaction
Statewide no Access Permit	Resident	Unlimited	**23,506**	**18,348**	70%	**29%**	**25%**	**3,615**	**190**	**1,507**	**165**	**411**	**15**	**50**	**5**	**5,957**	11.38	4.94
	Nonresident	Unlimited	**3,269**	**2,980**	76%	**41%**	**40%**	**770**	**15**	**203**	**15**	**274**	**1**	**23**	**1**	**1,302**	6.86	5.58
Statewide with Access Permit	Resident	Unlimited	**1,025**	**606**	73%	**42%**	**33%**	**166**	**8**	**77**	**12**	**70**	**0**	**3**	**0**	**337**	13.90	5.37
	Nonresident	Unlimited	**205**	**197**	78%	**41%**	**41%**	**17**	**0**	**8**	**0**	**52**	**1**	**5**	**1**	**84**	6.68	6.19
Totals	**Resident**	Unlimited	**24,531**	**18,954**	**70.1%**	**29%**	**26%**	**3,781**	**198**	**1,584**	**178**	**481**	**15**	**53**	**5**	**6,294**	**11.47**	**4.96**
	Nonresident	Unlimited	**3,474**	**3,177**	**76.4%**	**41%**	**40%**	**787**	**15**	**211**	**15**	**325**	**3**	**28**	**3**	**1,386**	**6.85**	**5.62**
Grand Totals			**28,005**	**22,131**	**72.3%**	**31%**	**27%**	**4,567**	**213**	**1,795**	**192**	**806**	**18**	**81**	**8**	**7,680**	**10.80**	**5.06**

2016 Access Permit Unit Archery Deer Harvest Projections

								Harvest Projections										
Last Revised:								Whitetail				Mule Deer				Total	Avg	
17-Mar-17		Licenses	Permits	Permit	Response	Hunter	Permit	Bucks		Does		Bucks		Does		Deer	Days	Avg
Unit	Residency	Available	Issued	Holders	Rate	Success	Success	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Harvest	Hunted	Satisfaction
Custer Nat Forest/35L	Resident	Unlimited	**488**	**488**	73%	**13%**	**7%**	**8**	**0**	**4**	**1**	**19**	**0**	**1**	**0**	**34**	4.04	5.32
	Nonresident	Unlimited	**172**	**172**	78%	**24%**	**19%**	**3**	**0**	**0**	**0**	**28**	**0**	**0**	**1**	**32**	5.16	6.14
Hill Ranch GPA/27L	Resident	Unlimited	**157**	**157**	71%	**6%**	**2%**	**3**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**3**	5.47	5.30
	Nonresident	Unlimited	**52**	**52**	71%	**24%**	**11%**	**3**	**0**	**0**	**0**	**3**	**0**	**0**	**0**	**6**	5.29	5.95
Little Moreau GPA/24B	Resident	Unlimited	**118**	**118**	72%	**14%**	**4%**	**1**	**0**	**1**	**1**	**0**	**0**	**0**	**0**	**4**	3.00	5.50
	Nonresident	Unlimited	**28**	**28**	71%	**33%**	**5%**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**1**	1.33	6.67
Totals	**Resident**		**763**	**606**	**73.0%**	**11.9%**	**7%**	**12**	**0**	**6**	**3**	**19**	**0**	**1**	**0**	**41**	**4.16**	**5.34**
	Nonresident		**252**	**197**	**78.1%**	**24.4%**	**20%**	**5**	**0**	**1**	**0**	**31**	**0**	**0**	**1**	**39**	**5.09**	**6.12**
Grand Totals			**1,015**	**803**	**74.3%**	**16.0%**	**10%**	**18**	**0**	**7**	**3**	**50**	**0**	**1**	**1**	**81**	**4.46**	**5.58**

9 hunters in the regular Archery Survey who did not have an Access Permit reported harvesting deer in the Custer National Forest unit

2016 Archery Deer Harvest Distribution by Management Unit

Last Revised:
08-May-17

	Reported Harvest									Projected Harvest									
	Whitetail				Mule Deer					Whitetail				Mule Deer					
	Bucks		Does		Bucks		Does			Bucks		Does		Bucks		Does		Total	
County	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Total	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Estimate	%
01A (Minnehaha)	43	5	17	3	0	0	0	0	68	204	26	90	16	0	0	0	0	336	4.4%
02A (NE Penn/SE Meade)	8	0	1	0	21	0	1	0	31	19	0	6	0	53	0	2	0	79	1.0%
02C (SE Pennington)	3	0	2	0	9	1	1	0	16	12	0	3	0	22	5	2	0	44	0.6%
03A (Brown)	75	3	29	5	0	0	0	0	112	273	16	119	23	0	0	0	0	430	5.6%
04A (Beadle)	29	1	9	2	0	0	0	0	41	125	5	50	11	0	0	0	0	190	2.5%
05A (Codington)	23	0	8	0	0	0	0	0	31	120	0	40	0	0	0	0	0	160	2.1%
06A (Brookings)	35	4	19	1	0	0	0	0	59	173	21	97	5	0	0	0	0	296	3.9%
07A (Yankton)	25	2	10	0	1	0	0	0	38	103	10	51	0	6	0	0	0	170	2.2%
08A (Davison)	7	0	1	0	0	0	0	0	8	30	0	6	0	0	0	0	0	35	0.5%
10A (Aurora)	9	2	2	1	0	0	0	0	14	33	7	7	1	0	0	0	0	47	0.6%
11A (N Bennett)	1	0	0	0	1	0	0	0	2	1	0	0	0	6	0	0	0	7	0.1%
11B (S Bennett)	3	0	1	0	0	0	0	0	4	4	0	6	0	0	0	0	0	10	0.1%
12A (Bon Homme)	7	0	3	0	2	0	0	0	12	26	0	17	0	7	0	0	0	50	0.6%
13A (Brule)	21	1	6	2	3	0	1	0	34	69	1	21	3	9	0	2	0	104	1.4%
14A (Buffalo)	3	0	1	0	2	0	0	0	6	4	0	1	0	7	0	0	0	13	0.2%
15A (Butte)	24	0	13	1	13	0	2	0	53	93	0	47	1	32	0	3	0	178	2.3%
15B (SW Butte/Lawrence)	25	1	17	0	2	0	0	0	45	91	1	69	0	7	0	0	0	169	2.2%
16A (Campbell)	5	0	0	0	2	0	0	0	7	11	0	0	0	7	0	0	0	18	0.2%
17A (Charles Mix)	8	0	4	1	7	0	0	0	20	23	0	18	5	15	0	0	0	61	0.8%
18A (Clark)	33	0	2	0	0	0	0	0	35	102	0	7	0	0	0	0	0	109	1.4%
19A (Clay)	10	1	1	0	0	0	0	0	12	46	5	6	0	0	0	0	0	57	0.7%
20A (Corson)	5	0	1	0	3	0	0	0	9	23	0	1	0	18	0	0	0	42	0.5%
21A (E Custer/S Penn)	16	0	4	1	2	0	0	0	23	78	0	22	5	7	0	0	0	113	1.5%
21B (C Custer/C Penn)	8	0	2	1	1	0	0	0	12	35	0	11	5	1	0	0	0	53	0.7%
22A (Day)	25	0	4	0	0	0	0	0	29	83	0	22	0	0	0	0	0	105	1.4%
23A (Deuel)	25	1	3	0	0	0	0	0	29	127	5	17	0	0	0	0	0	149	1.9%
24A (Dewey)	5	0	2	1	3	0	0	0	11	11	0	11	5	13	0	0	0	41	0.5%
24B (Little Moreau)	1	0	2	1	0	0	0	0	4	1	0	3	1	0	0	0	0	6	0.1%
25A (Douglas)	1	0	0	1	0	0	0	0	2	5	0	0	5	0	0	0	0	11	0.1%
26A (Edmunds)	26	2	6	0	0	0	0	0	34	96	10	25	0	0	0	0	0	132	1.7%
27A (NW FRiver/SW Cust)	2	0	0	0	4	0	0	0	6	11	0	0	0	15	0	0	0	26	0.3%
27B (Fall River)	4	1	3	0	9	1	0	1	19	18	5	12	0	35	5	0	1	77	1.0%
27L (Hill Ranch Area)	4	0	0	0	2	0	0	0	8	6	0	0	0	3	0	0	0	8	0.1%
28A (Faulk)	19	0	2	1	0	0	0	0	22	58	0	7	1	0	0	0	0	67	0.9%
29A (Grant)	20	1	8	1	0	0	0	0	30	80	5	32	5	0	0	0	0	122	1.6%
30A,B (Gregory)	43	0	16	1	2	0	1	0	63	71	0	43	5	7	0	2	0	129	1.7%
31A (Haakon)	14	0	1	0	14	0	2	0	31	27	0	6	0	43	0	10	0	86	1.1%
32A (Hamlin)	20	1	5	0	0	0	0	0	26	88	5	23	0	0	0	0	0	117	1.5%
33A (Hand)	29	1	6	1	2	0	0	0	39	92	1	21	5	7	0	0	0	127	1.7%
34A (Hanson)	7	0	1	1	0	0	0	0	9	30	0	6	5	0	0	0	0	41	0.5%
35A (W Harding)	20	1	8	0	26	0	4	0	59	44	1	24	0	43	0	14	0	125	1.6%
35C (E Harding)	1	0	3	0	6	0	0	0	10	1	0	12	0	13	0	0	0	27	0.4%
35L (Custer Nat Forest)	6	0	0	0	3	0	0	0	9	27	0	4	1	52	0	1	1	87	1.1%
36A (Hughes)	17	1	5	0	5	0	0	0	28	64	5	19	0	16	0	0	0	105	1.4%
37A (Hutchinson)	2	0	2	0	0	0	0	0	4	11	0	11	0	0	0	0	0	22	0.3%
38A (Hyde)	21	0	4	0	0	0	0	0	25	69	0	14	0	0	0	0	0	83	1.1%
39A (N Jackson)	0	0	0	0	1	0	0	0	1	0	0	0	0	6	0	0	0	6	0.1%
39B (S Jackson)	3	0	0	0	2	0	0	0	5	8	0	0	0	7	0	0	0	16	0.2%
40A (Jerauld)	1	3	1	1	1	0	0	0	7	5	8	6	5	1	0	0	0	26	0.3%
41A (Jones)	7	0	1	0	4	0	0	0	12	18	0	6	0	6	0	0	0	29	0.4%
42A (Kingsbury)	17	2	9	0	0	0	0	0	28	76	10	37	0	0	0	0	0	124	1.6%
43A (Lake)	29	0	10	3	0	0	0	0	42	141	0	47	12	0	0	0	0	200	2.6%
44A (Lincoln)	14	2	11	0	0	0	0	0	27	64	10	61	0	0	0	0	0	135	1.8%
45A (W Lyman)	20	0	3	1	5	0	0	0	29	48	0	12	5	16	0	0	0	82	1.1%
45B (E Lyman)	5	0	3	1	3	0	0	0	12	11	0	4	5	9	0	0	0	29	0.4%
45C (NE Lyman/SE Stanley)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
45D (Ft Pr Nat Grslnd)	2	0	0	0	1	0	0	0	3	3	0	0	0	1	0	0	0	4	0.1%
46A (McCook)	9	1	8	1	0	0	0	0	19	49	5	36	5	0	0	0	0	95	1.2%
47A (McPherson)	8	0	3	1	0	0	0	0	12	23	0	17	5	0	0	0	0	45	0.6%
48A (Marshall)	16	0	3	1	0	0	0	0	20	58	0	8	5	0	0	0	0	72	0.9%
49A (W Meade)	30	0	20	0	4	0	0	0	54	114	0	65	0	10	0	0	0	189	2.5%
49B (NE Meade)	11	0	3	1	4	0	0	0	19	23	0	8	1	19	0	0	0	52	0.7%
50A,B (Mellette)	7	0	7	0	3	0	0	0	17	22	0	14	0	4	0	0	0	40	0.5%
51A (Miner)	8	0	1	1	0	0	0	0	10	27	0	1	1	0	0	0	0	30	0.4%
52A (Moody)	16	1	3	1	1	0	0	0	22	70	5	17	5	6	0	0	0	103	1.3%
53A (N Perkins)	4	0	0	0	11	0	1	0	16	10	0	0	0	16	0	2	0	27	0.4%
53C (S Perkins)	7	0	3	0	10	0	2	0	22	10	0	12	0	19	0	10	0	52	0.7%
54A (Potter)	21	1	7	1	7	0	0	0	37	61	1	35	5	19	0	0	0	121	1.6%
55A (Roberts)	25	1	2	0	0	0	0	0	28	79	5	7	0	0	0	0	0	91	1.2%
56A (Sanborn)	6	0	2	1	0	0	0	0	9	28	0	11	5	0	0	0	0	45	0.6%
57A (Spink)	39	0	5	1	0	0	0	0	45	106	0	23	5	0	0	0	0	135	1.8%
58A (Stanley)	12	0	4	0	11	2	4	0	33	17	0	22	0	38	8	7	0	91	1.2%
59A (W Sully)	10	0	1	0	11	0	1	0	23	26	0	1	0	30	0	5	0	62	0.8%
59B (E Sully)	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0.0%
60A (Tripp)	21	0	11	0	3	0	0	0	35	61	0	15	0	4	0	0	0	81	1.1%
61A (Turner)	13	0	5	0	0	0	0	0	18	66	0	28	0	0	0	0	0	94	1.2%
62A (Union)	23	0	8	0	1	0	0	0	32	108	0	36	0	1	0	0	0	146	1.9%
63A (Walworth)	11	0	0	0	4	0	0	0	15	27	0	0	0	10	0	0	0	38	0.5%
64A (Ziebach)	1	0	2	0	1	0	0	0	4	5	0	7	0	1	0	0	0	14	0.2%
65A (Oglala Lakota)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
67A (Todd)	8	0	0	0	0	0	0	0	8	23	0	0	0	0	0	0	0	23	0.3%
BH (Black Hills)	126	9	67	4	47	0	7	1	261	460	35	255	13	131	0	22	5	921	12.0%
TOTALS	**1,269**	**49**	**437**	**45**	**280**	**4**	**27**	**2**	**2,115**	**0 4,567**	**213**	**1,795**	**192**	**806**	**18**	**81**	**8**	**7,680**	

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

2016 Resident Archery Deer Harvest Dist by Management Unit

Last Revised:
08-May-17

	Reported Harvest									Projected Harvest									
	Whitetail				Mule Deer					Whitetail				Mule Deer					
	Bucks		Does		Bucks		Does			Bucks		Does		Bucks		Does		Total	
County	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Total	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Estimate	%
01A (Minnehaha)	36	5	16	3	0	0	0	0	60	195	26	88	16	0	0	0	0	325	5.2%
02A (NE Penn/SE Meade)	2	0	1	0	5	0	0	0	8	11	0	6	0	30	0	0	0	46	0.7%
02C (SE Pennington)	2	0	0	0	2	1	0	0	5	11	0	0	0	12	5	0	0	28	0.4%
03A (Brown)	42	3	19	4	0	0	0	0	68	227	16	105	21	0	0	0	0	369	5.9%
04A (Beadle)	21	1	9	2	0	0	0	0	33	114	5	50	11	0	0	0	0	179	2.8%
05A (Codington)	22	0	7	0	0	0	0	0	29	119	0	39	0	0	0	0	0	158	2.5%
06A (Brookings)	31	4	17	1	0	0	0	0	53	168	21	94	5	0	0	0	0	288	4.6%
07A (Yankton)	17	2	9	0	1	0	0	0	29	92	10	50	0	6	0	0	0	158	2.5%
08A (Davison)	5	0	1	0	0	0	0	0	6	27	0	6	0	0	0	0	0	33	0.5%
10A (Aurora)	5	1	1	0	0	0	0	0	7	27	5	6	0	0	0	0	0	38	0.6%
11A (N Bennett)	0	0	0	0	1	0	0	0	1	0	0	0	0	6	0	0	0	6	0.1%
11B (S Bennett)	0	0	1	0	0	0	0	0	1	0	0	6	0	0	0	0	0	6	0.1%
12A (Bon Homme)	4	0	3	0	1	0	0	0	8	22	0	17	0	6	0	0	0	44	0.7%
13A (Brule)	10	0	3	0	1	0	0	0	14	54	0	17	0	6	0	0	0	77	1.2%
14A (Buffalo)	0	0	0	0	1	0	0	0	1	0	0	0	0	6	0	0	0	6	0.1%
15A (Butte)	15	0	7	0	3	0	0	0	25	81	0	39	0	18	0	0	0	137	2.2%
15B (SW Butte/Lawrence)	14	0	11	0	1	0	0	0	26	76	0	61	0	6	0	0	0	142	2.3%
16A (Campbell)	1	0	0	0	1	0	0	0	2	5	0	0	0	6	0	0	0	11	0.2%
17A (Charles Mix)	3	0	3	1	1	0	0	0	8	16	0	17	5	6	0	0	0	44	0.7%
18A (Clark)	14	0	1	0	0	0	0	0	15	76	0	6	0	0	0	0	0	81	1.3%
19A (Clay)	8	1	1	0	0	0	0	0	10	43	5	6	0	0	0	0	0	54	0.9%
20A (Corson)	4	0	0	0	3	0	0	0	7	22	0	0	0	18	0	0	0	39	0.6%
21A (E Custer/S Penn)	14	0	4	1	1	0	0	0	20	76	0	22	5	6	0	0	0	109	1.7%
21B (C Custer/C Penn)	6	0	2	1	0	0	0	0	9	32	0	11	5	0	0	0	0	49	0.8%
22A (Day)	12	0	4	0	0	0	0	0	16	65	0	22	0	0	0	0	0	87	1.4%
23A (Deuel)	23	1	3	0	0	0	0	0	27	124	5	17	0	0	0	0	0	146	2.3%
24A (Dewey)	1	0	2	1	2	0	0	0	6	5	0	11	5	12	0	0	0	34	0.5%
24B (Little Moreau)	1	0	1	1	0	0	0	0	3	1	0	1	1	0	0	0	0	4	0.1%
25A (Douglas)	1	0	0	1	0	0	0	0	2	5	0	0	5	0	0	0	0	11	0.2%
26A (Edmunds)	15	2	4	0	0	0	0	0	21	81	10	22	0	0	0	0	0	114	1.8%
27A (NW FRiver/SW Cust)	2	0	0	0	2	0	0	0	4	11	0	0	0	12	0	0	0	23	0.4%
27B (Fall River)	3	1	2	0	5	1	0	0	12	16	5	11	0	30	5	0	0	67	1.1%
27L (Hill Ranch Area)	2	0	0	0	0	0	0	0	2	3	0	0	0	0	0	0	0	3	0.0%
28A (Faulk)	8	0	1	0	0	0	0	0	9	43	0	6	0	0	0	0	0	49	0.8%
29A (Grant)	13	1	5	1	0	0	0	0	20	70	5	28	5	0	0	0	0	108	1.7%
30A,B (Gregory)	3	0	5	1	1	0	0	0	10	16	0	28	5	6	0	0	0	55	0.9%
31A (Haakon)	2	0	1	0	5	0	2	0	10	11	0	6	0	30	0	10	0	56	0.9%
32A (Hamlin)	15	1	4	0	0	0	0	0	20	81	5	22	0	0	0	0	0	108	1.7%
33A (Hand)	13	0	3	1	1	0	0	0	18	70	0	17	5	6	0	0	0	98	1.6%
34A (Hanson)	5	0	1	1	0	0	0	0	7	27	0	6	5	0	0	0	0	38	0.6%
35A (W Harding)	4	0	3	0	1	0	2	0	10	22	0	17	0	6	0	10	0	54	0.9%
35C (E Harding)	0	0	2	0	1	0	0	0	3	0	0	11	0	6	0	0	0	17	0.3%
35L (Custer Nat Forest)	8	0	3	1	14	0	1	0	27	19	0	4	1	19	0	1	0	45	0.7%
36A (Hughes)	10	1	3	0	2	0	0	0	16	54	5	17	0	12	0	0	0	88	1.4%
37A (Hutchinson)	2	0	2	0	0	0	0	0	4	11	0	11	0	0	0	0	0	22	0.3%
38A (Hyde)	10	0	2	0	0	0	0	0	12	54	0	11	0	0	0	0	0	65	1.0%
39A (N Jackson)	0	0	0	0	1	0	0	0	1	0	0	0	0	6	0	0	0	6	0.1%
39B (S Jackson)	1	0	0	0	1	0	0	0	2	5	0	0	0	6	0	0	0	11	0.2%
40A (Jerauld)	1	1	1	1	0	0	0	0	4	5	5	6	5	0	0	0	0	21	0.3%
41A (Jones)	2	0	1	0	0	0	0	0	3	11	0	6	0	0	0	0	0	16	0.3%
42A (Kingsbury)	13	2	6	0	0	0	0	0	21	70	10	33	0	0	0	0	0	114	1.8%
43A (Lake)	25	0	8	2	0	0	0	0	35	135	0	44	11	0	0	0	0	190	3.0%
44A (Lincoln)	11	2	11	0	0	0	0	0	24	59	10	61	0	0	0	0	0	131	2.1%
45A (W Lyman)	5	0	2	1	2	0	0	0	10	27	0	11	5	12	0	0	0	55	0.9%
45B (E Lyman)	1	0	0	1	1	0	0	0	3	5	0	0	5	6	0	0	0	17	0.3%
45C (NE Lyman/SE Stanley)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
45D (Ft Pr Nat Grslnd)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
46A (McCook)	9	1	6	1	0	0	0	0	17	49	5	33	5	0	0	0	0	92	1.5%
47A (McPherson)	3	0	3	1	0	0	0	0	7	16	0	17	5	0	0	0	0	38	0.6%
48A (Marshall)	9	0	1	1	0	0	0	0	11	49	0	6	5	0	0	0	0	59	0.9%
49A (W Meade)	18	0	9	0	1	0	0	0	28	97	0	50	0	6	0	0	0	153	2.4%
49B (NE Meade)	2	0	1	0	3	0	0	0	6	11	0	6	0	18	0	0	0	34	0.5%
50A,B (Mellette)	3	0	1	0	0	0	0	0	4	16	0	6	0	0	0	0	0	22	0.3%
51A (Miner)	4	0	0	0	0	0	0	0	4	22	0	0	0	0	0	0	0	22	0.3%
52A (Moody)	12	1	3	1	1	0	0	0	18	65	5	17	5	6	0	0	0	98	1.6%
53A (N Perkins)	1	0	0	0	0	0	0	0	1	5	0	0	0	0	0	0	0	5	0.1%
53C (S Perkins)	0	0	2	0	1	0	2	0	5	0	0	11	0	6	0	10	0	27	0.4%
54A (Potter)	8	0	6	1	2	0	0	0	17	43	0	33	5	12	0	0	0	93	1.5%
55A (Roberts)	11	1	1	0	0	0	0	0	13	59	5	6	0	0	0	0	0	70	1.1%
56A (Sanborn)	5	0	2	1	0	0	0	0	8	27	0	11	5	0	0	0	0	43	0.7%
57A (Spink)	13	0	4	1	0	0	0	0	18	70	0	22	5	0	0	0	0	98	1.6%
58A (Stanley)	0	0	4	0	5	1	0	0	10	0	0	22	0	30	5	0	0	57	0.9%
59A (W Sully)	3	0	0	0	3	0	1	0	7	16	0	0	0	18	0	5	0	39	0.6%
59B (E Sully)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
60A (Tripp)	8	0	0	0	0	0	0	0	8	43	0	0	0	0	0	0	0	43	0.7%
61A (Turner)	12	0	5	0	0	0	0	0	17	65	0	28	0	0	0	0	0	92	1.5%
62A (Union)	19	0	6	0	0	0	0	0	25	103	0	33	0	0	0	0	0	136	2.2%
63A (Walworth)	3	0	0	0	1	0	0	0	4	16	0	0	0	6	0	0	0	22	0.4%
64A (Ziebach)	1	0	1	0	0	0	0	0	2	5	0	6	0	0	0	0	0	11	0.2%
65A (Oglala Lakota)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
67A (Todd)	3	0	0	0	0	0	0	0	3	16	0	0	0	0	0	0	0	16	0.3%
BH (Black Hills)	71	6	39	2	14	0	3	1	136	384	31	215	11	83	0	15	5	744	11.8%
Unknown	25	0	15	0	4	0	0	0	44										
TOTALS	**731**	**38**	**305**	**35**	**96**	**3**	**11**	**1**	**1,220**	**3,781**	**198**	**1,584**	**178**	**481**	**15**	**53**	**5**	**6,294**	

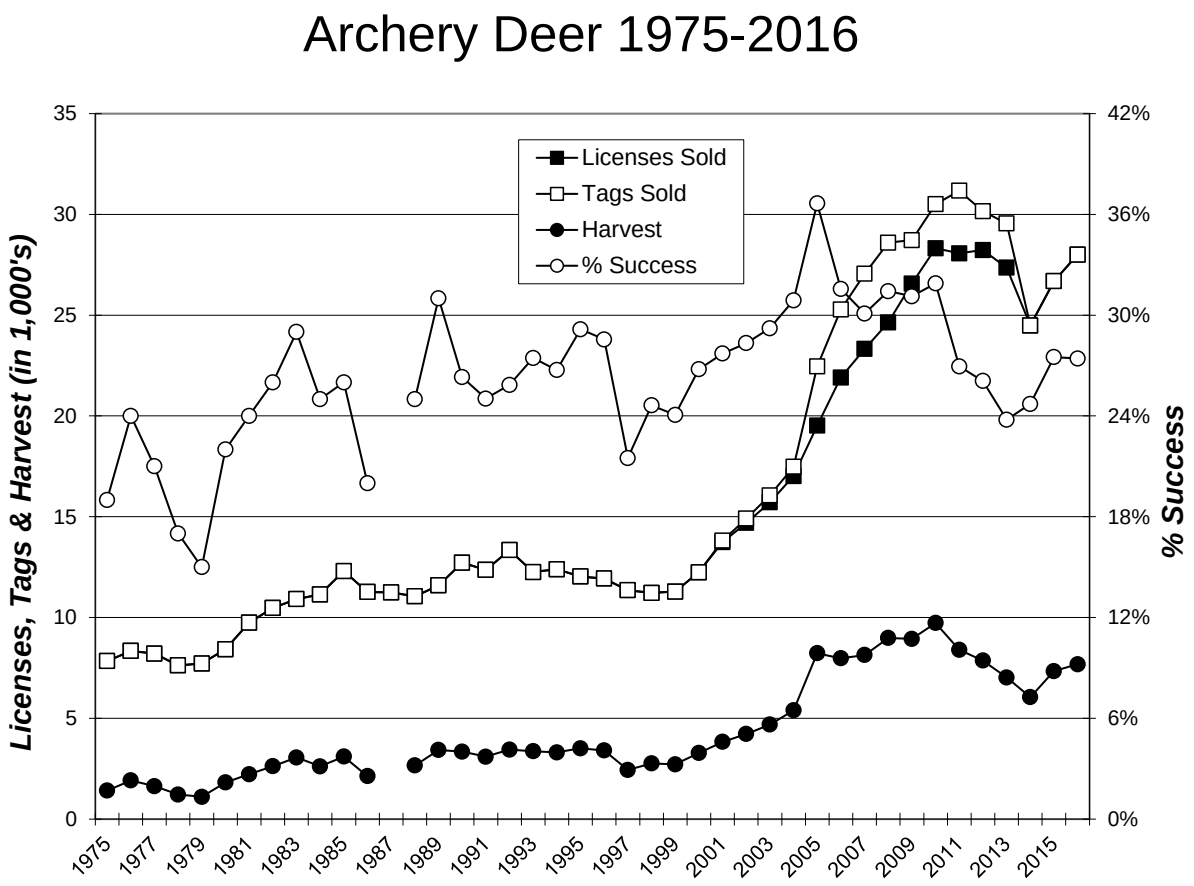
Any by management unit projected harvest values will differ from statewide projected harvest values due to incorrect sampling proportions within units.
Use these figures for approximations only!

2016 Nonresident Archery Deer Harvest Dist by Management Unit

Last Revised:
08-May-17

	Reported Harvest									Projected Harvest									
	Whitetail				Mule Deer					Whitetail				Mule Deer					
	Bucks		Does		Bucks		Does			Bucks		Does		Bucks		Does		Total	
County	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Total	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Estimate	%
01A (Minnehaha)	7	0	1	0	0	0	0	0	8	10	0	1	0	0	0	0	0	11	0.8%
02A (NE Penn/SE Meade)	6	0	0	0	16	0	1	0	23	8	0	0	0	24	0	2	0	33	2.4%
02C (SE Pennington)	1	0	2	0	7	0	1	0	11	1	0	3	0	10	0	2	0	16	1.2%
03A (Brown)	33	0	10	1	0	0	0	0	44	45	0	14	1	0	0	0	0	61	4.4%
04A (Beadle)	8	0	0	0	0	0	0	0	8	11	0	0	0	0	0	0	0	11	0.8%
05A (Codington)	1	0	1	0	0	0	0	0	2	1	0	1	0	0	0	0	0	3	0.2%
06A (Brookings)	4	0	2	0	0	0	0	0	6	6	0	3	0	0	0	0	0	8	0.6%
07A (Yankton)	8	0	1	0	0	0	0	0	9	11	0	1	0	0	0	0	0	12	0.9%
08A (Davison)	2	0	0	0	0	0	0	0	2	3	0	0	0	0	0	0	0	3	0.2%
10A (Aurora)	4	1	1	1	0	0	0	0	7	6	1	1	1	0	0	0	0	10	0.7%
11A (N Bennett)	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0.1%
11B (S Bennett)	3	0	0	0	0	0	0	0	3	4	0	0	0	0	0	0	0	4	0.3%
12A (Bon Homme)	3	0	0	0	1	0	0	0	4	4	0	0	0	1	0	0	0	6	0.4%
13A (Brule)	11	1	3	2	2	0	1	0	20	15	1	4	3	3	0	2	0	28	2.0%
14A (Buffalo)	3	0	1	0	1	0	0	0	5	4	0	1	0	1	0	0	0	7	0.5%
15A (Butte)	9	0	6	1	10	0	2	0	28	12	0	8	1	15	0	3	0	40	2.9%
15B (SW Butte/Lawrence)	11	1	6	0	1	0	0	0	19	15	1	8	0	1	0	0	0	26	1.9%
16A (Campbell)	4	0	0	0	1	0	0	0	5	6	0	0	0	1	0	0	0	7	0.5%
17A (Charles Mix)	5	0	1	0	6	0	0	0	12	7	0	1	0	9	0	0	0	17	1.2%
18A (Clark)	19	0	1	0	0	0	0	0	20	26	0	1	0	0	0	0	0	28	2.0%
19A (Clay)	2	0	0	0	0	0	0	0	2	3	0	0	0	0	0	0	0	3	0.2%
20A (Corson)	1	0	1	0	0	0	0	0	2	1	0	1	0	0	0	0	0	3	0.2%
21A (E Custer/S Penn)	2	0	0	0	1	0	0	0	3	3	0	0	0	1	0	0	0	4	0.3%
21B (C Custer/C Penn)	2	0	0	0	1	0	0	0	3	3	0	0	0	1	0	0	0	4	0.3%
22A (Day)	13	0	0	0	0	0	0	0	13	18	0	0	0	0	0	0	0	18	1.3%
23A (Deuel)	2	0	0	0	0	0	0	0	2	3	0	0	0	0	0	0	0	3	0.2%
24A (Dewey)	4	0	0	0	1	0	0	0	5	6	0	0	0	1	0	0	0	7	0.5%
24B (Little Moreau)	0	0	1	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0.1%
25A (Douglas)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
26A (Edmunds)	11	0	2	0	0	0	0	0	13	15	0	3	0	0	0	0	0	18	1.3%
27A (NW FRiver/SW Cust)	0	0	0	0	2	0	0	0	2	0	0	0	0	3	0	0	0	3	0.2%
27B (Fall River)	1	0	1	0	4	0	0	1	7	1	0	1	0	6	0	0	1	10	0.7%
27L (Hill Ranch Area)	2	0	0	0	2	0	0	0	4	3	0	0	0	3	0	0	0	6	0.4%
28A (Faulk)	11	0	1	1	0	0	0	0	13	15	0	1	1	0	0	0	0	18	1.3%
29A (Grant)	7	0	3	0	0	0	0	0	10	10	0	4	0	0	0	0	0	14	1.0%
30A,B (Gregory)	40	0	11	0	1	0	1	0	53	55	0	15	0	1	0	2	0	74	5.3%
31A (Haakon)	12	0	0	0	9	0	0	0	21	17	0	0	0	13	0	0	0	30	2.1%
32A (Hamlin)	5	0	1	0	0	0	0	0	6	7	0	1	0	0	0	0	0	8	0.6%
33A (Hand)	16	1	3	0	1	0	0	0	21	22	1	4	0	1	0	0	0	29	2.1%
34A (Hanson)	2	0	0	0	0	0	0	0	2	3	0	0	0	0	0	0	0	3	0.2%
35A (W Harding)	16	1	5	0	25	0	2	0	49	22	1	7	0	37	0	3	0	70	5.1%
35C (E Harding)	1	0	1	0	5	0	0	0	7	1	0	1	0	7	0	0	0	10	0.7%
35L (Custer Nat Forest)	6	0	0	0	25	0	0	1	32	8	0	0	0	33	0	0	1	42	3.0%
36A (Hughes)	7	0	2	0	3	0	0	0	12	10	0	3	0	4	0	0	0	17	1.2%
37A (Hutchinson)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
38A (Hyde)	11	0	2	0	0	0	0	0	13	15	0	3	0	0	0	0	0	18	1.3%
39A (N Jackson)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
39B (S Jackson)	2	0	0	0	1	0	0	0	3	3	0	0	0	1	0	0	0	4	0.3%
40A (Jerauld)	0	2	0	0	1	0	0	0	3	0	3	0	0	1	0	0	0	4	0.3%
41A (Jones)	5	0	0	0	4	0	0	0	9	7	0	0	0	6	0	0	0	13	0.9%
42A (Kingsbury)	4	0	3	0	0	0	0	0	7	6	0	4	0	0	0	0	0	10	0.7%
43A (Lake)	4	0	2	1	0	0	0	0	7	6	0	3	1	0	0	0	0	10	0.7%
44A (Lincoln)	3	0	0	0	0	0	0	0	3	4	0	0	0	0	0	0	0	4	0.3%
45A (W Lyman)	15	0	1	0	3	0	0	0	19	21	0	1	0	4	0	0	0	26	1.9%
45B (E Lyman)	4	0	3	0	2	0	0	0	9	6	0	4	0	3	0	0	0	13	0.9%
45C (NE Lyman/SE Stanley)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
45D (Ft Pr Nat Grslnd)	2	0	0	0	1	0	0	0	3	3	0	0	0	1	0	0	0	4	0.3%
46A (McCook)	0	0	2	0	0	0	0	0	2	0	0	3	0	0	0	0	0	3	0.2%
47A (McPherson)	5	0	0	0	0	0	0	0	5	7	0	0	0	0	0	0	0	7	0.5%
48A (Marshall)	7	0	2	0	0	0	0	0	9	10	0	3	0	0	0	0	0	12	0.9%
49A (W Meade)	12	0	11	0	3	0	0	0	26	17	0	15	0	4	0	0	0	36	2.6%
49B (NE Meade)	9	0	2	1	1	0	0	0	13	12	0	3	1	1	0	0	0	18	1.3%
50A,B (Mellette)	4	0	6	0	3	0	0	0	13	6	0	8	0	4	0	0	0	18	1.3%
51A (Miner)	4	0	1	1	0	0	0	0	6	6	0	1	1	0	0	0	0	8	0.6%
52A (Moody)	4	0	0	0	0	0	0	0	4	6	0	0	0	0	0	0	0	6	0.4%
53A (N Perkins)	3	0	0	0	11	0	1	0	15	4	0	0	0	16	0	2	0	22	1.6%
53C (S Perkins)	7	0	1	0	9	0	0	0	17	10	0	1	0	13	0	0	0	24	1.8%
54A (Potter)	13	1	1	0	5	0	0	0	20	18	1	1	0	7	0	0	0	28	2.0%
55A (Roberts)	14	0	1	0	0	0	0	0	15	19	0	1	0	0	0	0	0	21	1.5%
56A (Sanborn)	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0.1%
57A (Spink)	26	0	1	0	0	0	0	0	27	36	0	1	0	0	0	0	0	37	2.7%
58A (Stanley)	12	0	0	0	6	1	4	0	23	17	0	0	0	9	3	7	0	35	2.5%
59A (W Sully)	7	0	1	0	8	0	0	0	16	10	0	1	0	12	0	0	0	23	1.6%
59B (E Sully)	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0.1%
60A (Tripp)	13	0	11	0	3	0	0	0	27	18	0	15	0	4	0	0	0	38	2.7%
61A (Turner)	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0.1%
62A (Union)	4	0	2	0	1	0	0	0	7	6	0	3	0	1	0	0	0	10	0.7%
63A (Walworth)	8	0	0	0	3	0	0	0	11	11	0	0	0	4	0	0	0	15	1.1%
64A (Ziebach)	0	0	1	0	1	0	0	0	2	0	0	1	0	1	0	0	0	3	0.2%
65A (Oglala Lakota)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
67A (Todd)	5	0	0	0	0	0	0	0	5	7	0	0	0	0	0	0	0	7	0.5%
BH (Black Hills)	55	3	28	2	33	0	4	0	125	76	4	39	3	49	0	7	0	177	12.8%
Unknown	12	0	4	0	6	0	0	0	22										
TOTALS	**583**	**11**	**154**	**11**	**230**	**1**	**17**	**2**	**1,009**	**787**	**15**	**211**	**15**	**325**	**3**	**28**	**3**	**1,386**	

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


Archery Deer 1975-2016
Licenses Sold
Tags Sold
Harvest
% Success
Licenses, Tags & Harvest (in 1,000's)
% Success
35
30
25
20
15
10
5
0
42%
36%
30%
24%
18%
12%
6%
0%
1975
1977
1979
1981
1983
1985
1987
1989
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2015

YOUTH DEER

There were 4,861 single-tag antlerless licenses issued for the 2016 Youth Deer hunting season (4,316 resident, 545 nonresident). All license holders were surveyed and 3,332 responses (69%) were received. Approximately 52% of hunters responded using the Internet.

The Youth season ran from September 10, 2016 through January 15, 2017. Respondents reported hunting an average of 4.15 days each, which projected to 20,187 recreation days for the season.

Projections for the season indicated that a total of 322 whitetail bucks, 1,896 whitetail does, 29 mule deer bucks, and 324 mule deer does were harvested. The estimated total harvest for the Youth Deer season was 2,571, and the overall success rate was 53%. The six deer management units with the highest reported harvest were the Black Hills, Minnehaha, Codington, Deuel, Grant, and Hamlin, which accounted for 31% of the total youth season harvest.

The average satisfaction rating for those responding (1 being very dissatisfied and 7 very satisfied) was 5.65.

Comparison of the 2008 - 2016 Youth Deer hunting seasons

		Harvest						Avg	
	Licenses	Bucks		Does				Days	Average
YEAR	Sold	WT	Mule	WT	Mule	Total	Success	Hunted	Satisfctn
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
2012	6,110	321	33	2,387	305	3,046	50%	4.87	5.32
2013	5,548	346	32	1,756	344	2,477	45%	4.64	5.23
2014	5,038	317	37	1,924	287	2,565	51%	4.61	5.47
2015	5,331	329	33	2,137	333	2,831	53%	4.54	5.59
2016	4,861	322	29	1,896	324	2,571	53%	4.15	5.65

2016 Youth Deer Harvest Projections

Last Revised:								Harvest Projections								
9-May-17	License	Licenses	Licenses Sold		Response	Hunter	Tag	Whitetail			Mule Deer			Total	Average Satisfaction	Avg Days
Unit	Holders	Available	Resident	Nonresident	Rate	Success	Success	Bucks	Does	Doe Fawns	Bucks	Does	Doe Fawns	Harvest	Score **	Hunted
Statewide no Access permit	**4,804**	Unlimited	**4,265**	**539**	69%	**53%**	**53%**	317	1,623	247	29	289	25	2,530	5.65	4.15
Statewide w/ Access permit	**57**	Unlimited	**51**	**6**	77%	**72%**	**72%**	5	21	5	0	5	4	41	5.95	4.26
Totals	**4,861**		**4,316**	**545**	**69.3%**	**52.9%**	**53%**	**322**	**1,644**	**252**	**29**	**295**	**29**	**2,571**	**5.65**	**4.15**

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

2016 Access Permit Youth Deer Harvest Projections

Last Revised:								Harvest Projections								
21-Mar-17	Permit	Licenses	Permits Issued		Response	Hunter	Tag	Whitetail			Mule Deer			Total	Average Satisfaction	Avg Days
Unit	Holders	Available	Resident	Nonresident	Rate	Success	Success	Bucks	Does	Doe Fawns	Bucks	Does	Doe Fawns	Harvest	Score **	Hunted
Custer Nat Forest / 35L	**32**	Unlimited	**28**	**4**	72%	**75%**	**13%**	0	0	0	0	3	1	4	6.75	4.75
Hill Ranch GPA / 27L	**19**	Unlimited	**17**	**2**	74%	**0%**	**0%**	0	0	0	0	0	0	0	5.75	2.25
Little Moreau GPA / 24B	**17**	Unlimited	**16**	**1**	94%	**38%**	**20%**	1	1	0	0	0	1	3	5.50	1.00
	57		**61**	**7**	**76.8%**	**37.5%**	**11%**	**1**	**1**	**0**	**0**	**3**	**3**	**8**	**5.91**	**2.38**

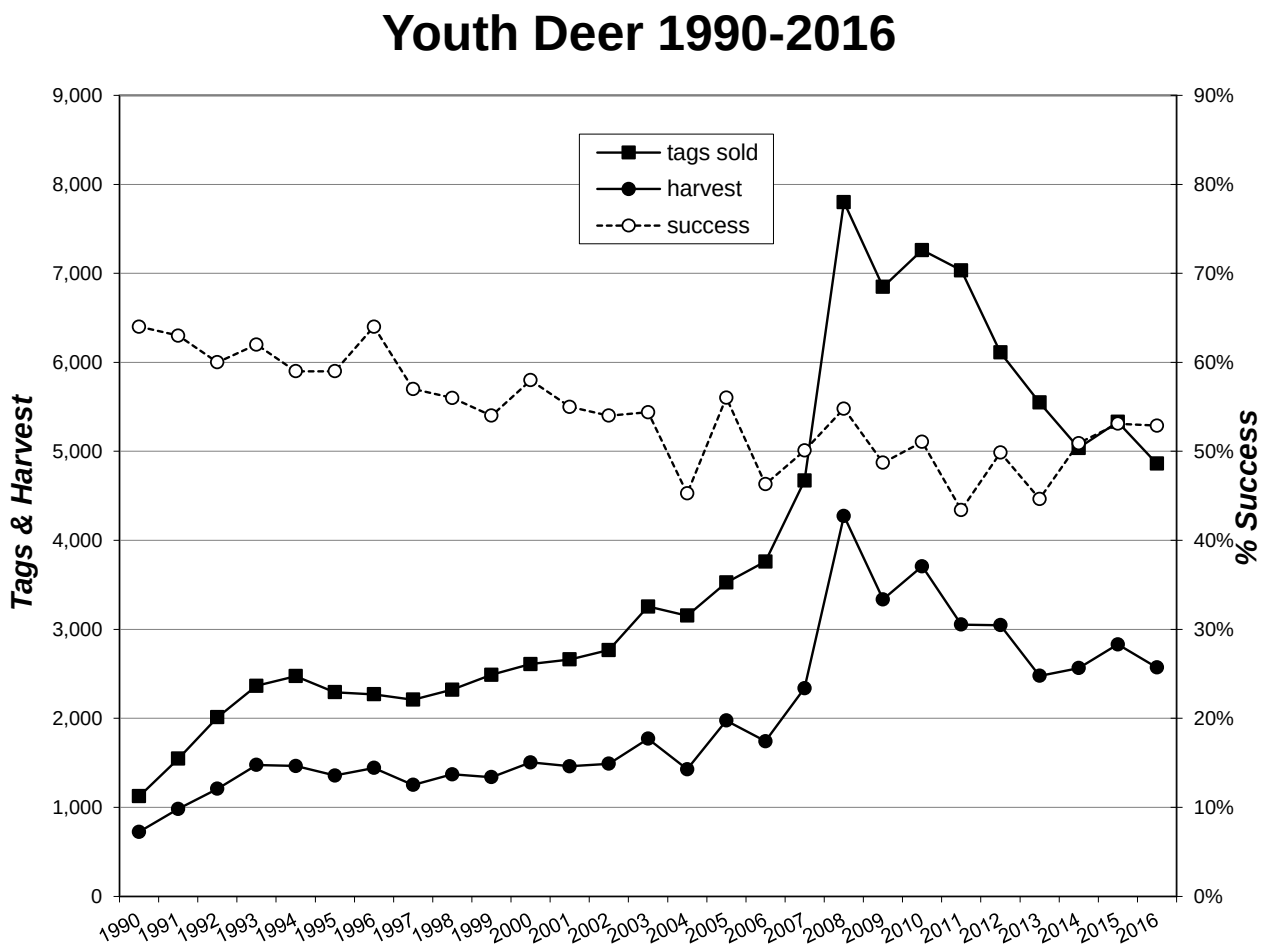
2 hunters in the regular Youth Survey who did not have an Access Permit reported harvesting deer in the Custer National Forest unit, 1 at Little Moreau, and 1 at Hill Ranch

2016 Youth Deer Harvest Distribution by Management Unit

Last Revised:
09-May-17

	Reported Harvest							Projected Harvest							
	Whitetail			Mule Deer				Whitetail			Mule Deer				
	Bucks	Does		Bucks	Does			Bucks	Does		Bucks	Does		Total	
County	Fawn	Adult	Fawn	Fawn	Adult	Fawn	Total	Fawn	Adult	Fawn	Fawn	Adult	Fawn	Estimate	%
01A (Minnehaha)	8	38	8	0	1	0	55	12	57	12	0	1	0	83	3.2%
02A (NE Penn/SE Meade)	3	3	2	0	5	2	15	4	5	3	0	7	4	23	0.9%
02C (SE Pennington)	0	4	0	0	5	0	9	0	6	0	0	7	0	13	0.5%
03A (Brown)	2	33	3	0	0	0	38	3	50	5	0	0	0	57	2.2%
04A (Beadle)	3	12	3	0	0	0	18	4	18	5	0	0	0	27	1.1%
05A (Codington)	4	38	3	0	0	0	45	6	57	5	0	0	0	68	2.6%
06A (Brookings)	4	24	3	0	0	0	31	6	36	5	0	0	0	47	1.8%
07A (Yankton)	3	25	7	0	0	0	35	4	38	11	0	0	0	53	2.1%
08A (Davison)	1	5	1	0	0	0	7	1	8	2	0	0	0	11	0.4%
10A (Aurora)	0	8	2	0	0	0	10	0	12	3	0	0	0	15	0.6%
11A (N Bennett)	0	0	0	0	2	0	2	0	0	0	0	3	0	3	0.1%
11B (S Bennett)	2	2	0	0	2	0	6	3	3	0	0	3	0	9	0.3%
12A (Bon Homme)	2	5	3	0	0	0	10	3	8	5	0	0	0	15	0.6%
13A (Brule)	1	6	4	2	6	0	19	1	9	6	3	9	0	28	1.1%
14A (Buffalo)	1	0	0	0	3	0	4	1	0	0	0	4	0	6	0.2%
15A (Butte)	5	14	1	0	9	1	30	7	21	2	0	13	2	45	1.8%
15B (SW Butte/Lawrence)	1	17	2	0	6	0	26	1	26	3	0	9	0	39	1.5%
16A (Campbell)	0	1	0	0	3	0	4	0	2	0	0	4	0	6	0.2%
17A (Charles Mix)	7	11	3	0	3	1	25	10	17	5	0	4	2	38	1.5%
18A (Clark)	5	20	1	1	0	0	27	7	30	2	1	0	0	41	1.6%
19A (Clay)	2	4	0	0	0	0	6	3	6	0	0	0	0	9	0.4%
20A (Corson)	1	2	0	0	5	0	8	1	3	0	0	7	0	12	0.5%
21A (E Custer/S Penn)	1	7	2	1	5	1	17	1	11	3	1	7	2	26	1.0%
21B (C Custer/C Penn)	1	8	1	0	1	0	11	1	12	2	0	1	0	17	0.6%
22A (Day)	6	27	4	0	0	0	37	9	41	6	0	0	0	56	2.2%
23A (Deuel)	11	25	9	0	0	0	45	16	38	14	0	0	0	68	2.6%
24A (Dewey)	0	4	0	0	2	0	6	0	6	0	0	3	0	9	0.4%
24B (Little Moreau)	0	1	0	0	0	0	1	0	3	1	0	0	1	5	0.2%
25A (Douglas)	3	1	4	0	0	0	8	4	2	6	0	0	0	12	0.5%
26A (Edmunds)	3	15	1	0	0	0	19	4	23	2	0	0	0	29	1.1%
27A (NW FRiver/SW Cust)	2	1	0	0	1	0	4	3	2	0	0	1	0	6	0.2%
27B (Fall River)	1	13	2	0	8	1	25	1	20	3	0	12	2	38	1.5%
27L (Hill Ranch Area)	0	1	0	0	0	0	1	0	2	0	0	0	0	2	0.1%
28A (Faulk)	1	5	1	0	0	0	7	1	8	2	0	0	0	11	0.4%
29A (Grant)	15	36	6	0	0	0	57	22	54	9	0	0	0	86	3.3%
30A,B (Gregory)	1	18	3	0	2	0	24	1	27	5	0	3	0	36	1.4%
31A (Haakon)	1	5	0	1	12	1	20	1	8	0	1	18	2	30	1.2%
32A (Hamlin)	7	45	5	0	1	0	58	10	68	8	0	1	0	87	3.4%
33A (Hand)	2	16	2	0	1	1	22	3	24	3	0	1	2	33	1.3%
34A (Hanson)	2	5	2	0	0	0	9	3	8	3	0	0	0	14	0.5%
35A (W Harding)	0	4	0	1	8	0	13	0	6	0	1	12	0	19	0.8%
35C (E Harding)	1	4	0	3	4	0	12	1	6	0	4	6	0	18	0.7%
35L (Custer Nat Forest)	0	1	1	0	0	0	2	0	2	2	0	3	1	7	0.3%
36A (Hughes)	3	7	3	2	7	3	25	4	11	5	3	10	5	38	1.5%
37A (Hutchinson)	2	14	2	0	0	0	18	3	21	3	0	0	0	27	1.1%
38A (Hyde)	1	4	0	0	0	0	5	1	6	0	0	0	0	8	0.3%
39A (N Jackson)	0	4	0	0	2	0	6	0	6	0	0	3	0	9	0.4%
39B (S Jackson)	0	1	0	0	3	0	4	0	2	0	0	4	0	6	0.2%
40A (Jerauld)	1	3	0	0	0	0	4	1	5	0	0	0	0	6	0.2%
41A (Jones)	0	2	0	0	4	0	6	0	3	0	0	6	0	9	0.3%
42A (Kingsbury)	5	20	5	0	0	0	30	7	30	8	0	0	0	45	1.8%
43A (Lake)	5	20	1	0	0	0	26	7	30	2	0	0	0	39	1.5%
44A (Lincoln)	4	20	2	0	1	0	27	6	30	3	0	1	0	41	1.6%
45A (W Lyman)	3	5	3	0	3	0	14	4	8	5	0	4	0	21	0.8%
45B (E Lyman)	3	3	1	0	2	0	9	4	5	2	0	3	0	13	0.5%
45C (NE Lyman/SE Stanley)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
45D (Ft Pr Nat Grslnd)	0	0	0	0	4	0	4	0	0	0	0	6	0	6	0.2%
46A (McCook)	8	24	5	0	0	0	37	12	36	8	0	0	0	56	2.2%
47A (McPherson)	6	8	0	0	0	0	14	9	12	0	0	0	0	21	0.8%
48A (Marshall)	5	26	2	0	0	0	33	7	39	3	0	0	0	50	1.9%
49A (W Meade)	3	21	1	2	3	0	30	4	32	2	3	4	0	45	1.8%
49B (NE Meade)	2	8	1	0	5	0	16	3	12	2	0	7	0	24	0.9%
50A,B (Mellette)	0	6	0	0	7	0	13	0	9	0	0	10	0	19	0.8%
51A (Miner)	1	13	2	0	0	0	16	1	20	3	0	0	0	24	0.9%
52A (Moody)	3	26	6	0	0	0	35	4	39	9	0	0	0	53	2.1%
53A (N Perkins)	1	5	3	1	12	2	24	1	8	5	1	18	4	36	1.4%
53C (S Perkins)	2	3	1	1	3	0	10	3	5	2	1	4	0	15	0.6%
54A (Potter)	1	8	0	1	2	0	12	1	12	0	1	3	0	18	0.7%
55A (Roberts)	1	36	4	0	1	0	42	1	54	6	0	1	0	63	2.5%
56A (Sanborn)	0	7	3	0	0	0	10	0	11	5	0	0	0	15	0.6%
57A (Spink)	6	14	5	0	0	0	25	9	21	8	0	0	0	38	1.5%
58A (Stanley)	0	4	1	0	4	0	9	0	6	2	0	6	0	14	0.5%
59A (W Sully)	0	3	0	0	1	0	4	0	5	0	0	1	0	6	0.2%
59B (E Sully)	0	3	0	0	0	0	3	0	5	0	0	0	0	5	0.2%
60A (Tripp)	3	14	2	2	8	0	29	4	21	3	3	12	0	43	1.7%
61A (Turner)	4	19	3	0	0	0	26	6	29	5	0	0	0	39	1.5%
62A (Union)	2	17	2	0	0	0	21	3	26	3	0	0	0	32	1.2%
63A (Walworth)	3	11	1	0	1	0	16	4	17	2	0	1	0	24	0.9%
64A (Ziebach)	0	1	0	0	3	0	4	0	2	0	0	4	0	6	0.2%
65A (Oglala Lakota)	0	1	0	0	1	0	2	0	2	0	0	1	0	3	0.1%
67A (Todd)	0	3	1	0	2	0	6	0	5	2	0	3	0	9	0.4%
BH (Black Hills)	25	192	17	2	22	2	260	37	289	26	3	33	4	392	15.3%
Unknown	1	21	3	0	2	2	29								
TOTALS	**217**	**1,111**	**169**	**20**	**198**	**17**	**1,732**	**322**	**1,644**	**252**	**29**	**295**	**29**	**2,570**	

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


Youth Deer 1990-2016
tags sold
harvest
success
Tags & Harvest
% Success
9,000
8,000
7,000
6,000
5,000
4,000
3,000
2,000
1,000
0
90%
80%
70%
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50%
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MENTORED YOUTH DEER

There were 3,646 resident single-tag antlerless mentored youth deer licenses issued for 2016. All mentors/hunters were surveyed and 2,680 responses (74%) were received. Approximately 66% of mentors/hunters used the Internet to respond.

The Mentored Youth licenses were valid during the Youth Deer season which ran from September 10, 2016 through January 15, 2017. Respondents reported hunting an average of 3.56 days each, which projected to 13,001 recreation days for the season.

Projections for the season indicated that a total of 287 whitetail bucks, 1,495 whitetail does, 30 mule deer bucks, and 301 mule deer does were harvested. The total harvest for the Mentored Youth Deer season was 2,114, and the overall success rate was 58%. The five deer management units with the highest reported harvest were the Black Hills, Minnehaha, Butte, Brookings, and Hamlin.

The average satisfaction rating for those responding (1 being very dissatisfied and 7 very satisfied) was 5.85.

Summary for the 2008-2016 Mentored Youth Deer hunting seasons

		Harvest						Avg	
	Licenses	Bucks		Does				Days	Average
YEAR	Sold	WT	Mule	WT	Mule	Total	Success	Hunted	Satisfctn
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
2012	2,497	207	28	1,015	182	1,431	57%	3.77	5.78
2013	2,939	179	14	1,028	154	1,375	47%	3.87	5.57
2014	3,096	214	29	1,187	167	1,595	52%	3.98	5.70
2015	3,646	261	25	1,556	243	2,086	57%	3.96	5.89
2016	3,646	287	30	1,495	301	2,114	58%	3.56	5.85

2016 Mentored Youth Deer Harvest Projections

Last Revised:								Harvest Projections							Average	Avg
9-May-17	License	Licenses	Licenses Sold		Response	Hunter	Tag	Whitetail			Mule Deer			Total	Satisfaction	Days
Unit	Holders	Available	Resident	Nonresident	Rate	Success	Success	Bucks	Does	Doe Fawns	Bucks	Does	Doe Fawns	Harvest	Score **	Hunted
Statewide no Access permit	**3,613**	Unlimited	**3,613**	**0**	74%	**58%**	**58%**	285	1,237	242	30	266	26	2,087	5.84	3.57
Statewide w/ Access permit	**33**	Unlimited	**33**	**0**	67%	**82%**	**82%**	2	14	3	0	9	0	27	6.53	2.59
Totals	**3,646**		**3,646**	**0**	**73.9%**	**58.0%**	**58%**	**287**	**1,250**	**245**	**30**	**275**	**26**	**2,114**	**5.85**	**3.56**

2016 Access Permit Mentored Youth Deer Harvest Projections

Last Revised:								Harvest Projections							Average	Avg
22-Mar-17	Permit	Licenses	Permits Issued		Response	Hunter	Tag	Whitetail			Mule Deer			Total	Satisfaction	Days
Unit	Holders	Available	Resident	Nonresident	Rate	Success	Success	Bucks	Does	Doe Fawns	Bucks	Does	Doe Fawns	Harvest	Score **	Hunted
Custer Nat Forest / 35L	**23**	Unlimited	**23**	**0**	74%	**50%**	**6%**	0	0	0	0	1	0	1	5.50	1.50
Hill Ranch GPA / 27L	**11**	Unlimited	**11**	**0**	64%	**50%**	**14%**	0	2	0	0	0	0	2	7.00	2.00
Little Moreau GPA / 24B	**7**	Unlimited	**7**	**0**	57%		**0%**	0	0	0	0	0	0	0		
	33		**41**	**0**	**66.7%**	**50.0%**	**7%**	**0**	**2**	**0**	**0**	**1**	**0**	**3**	**6.31**	**1.77**

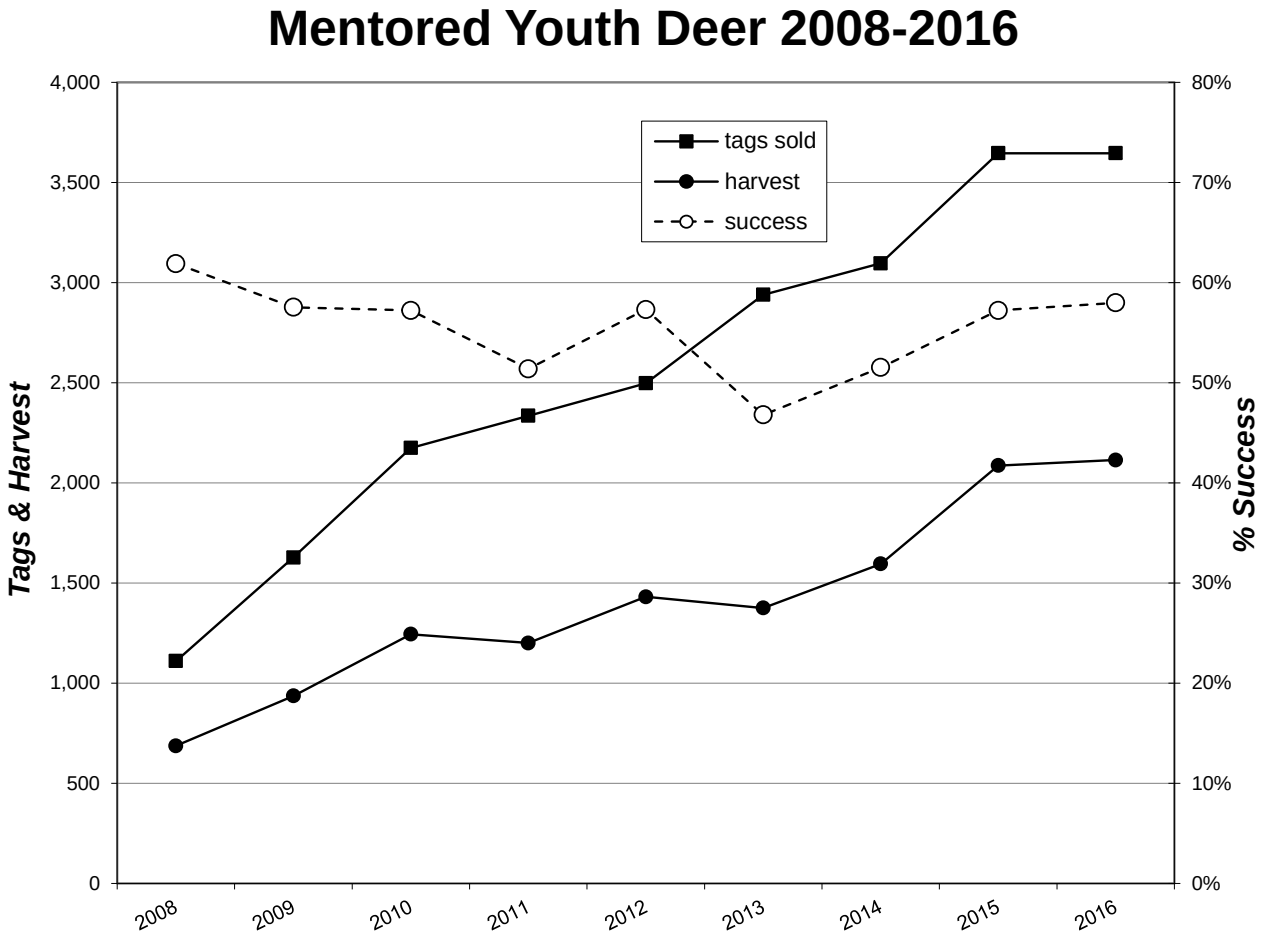
10 hunters in the regular Mentored Youth Survey who did not have an Access Permit reported harvesting deer in the Custer National Forest unit, as well as 1 in Hill Ranch

2016 Mentored Youth Deer Harvest Distribution by Management Unit

Last Revised:
09-May-17

	Reported Harvest							Projected Harvest							
	Whitetail			Mule Deer				Whitetail			Mule Deer				
	Bucks	Does		Bucks	Does			Bucks	Does		Bucks	Does		Total	
County	Fawn	Adult	Fawn	Fawn	Adult	Fawn	Total	Fawn	Adult	Fawn	Fawn	Adult	Fawn	Estimate	%
01A (Minnehaha)	8	35	6	0	0	0	49	11	49	9	0	0	0	68	3.2%
02A (NE Penn/SE Meade)	0	6	1	0	10	0	17	0	8	1	0	14	0	24	1.1%
02C (SE Pennington)	2	1	0	1	5	1	10	3	1	0	1	7	1	14	0.7%
03A (Brown)	3	24	5	0	0	0	32	4	33	7	0	0	0	45	2.1%
04A (Beadle)	5	11	6	0	0	0	22	7	15	9	0	0	0	31	1.5%
05A (Codington)	5	10	7	0	0	0	22	7	14	10	0	0	0	31	1.5%
06A (Brookings)	7	21	7	0	0	0	35	10	29	10	0	0	0	49	2.3%
07A (Yankton)	6	15	3	0	0	0	24	8	21	4	0	0	0	33	1.6%
08A (Davison)	4	2	0	0	0	0	6	6	3	0	0	0	0	8	0.4%
10A (Aurora)	2	7	3	0	0	0	12	3	10	4	0	0	0	17	0.8%
11A (N Bennett)	0	0	0	0	2	0	2	0	0	0	0	3	0	3	0.1%
11B (S Bennett)	0	2	0	0	0	0	2	0	3	0	0	0	0	3	0.1%
12A (Bon Homme)	1	10	1	0	1	0	13	1	14	1	0	1	0	18	0.9%
13A (Brule)	1	6	3	0	2	3	15	1	8	4	0	3	4	21	1.0%
14A (Buffalo)	0	3	0	0	1	1	5	0	4	0	0	1	1	7	0.3%
15A (Butte)	2	19	4	3	11	2	41	3	26	6	4	16	3	57	2.7%
15B (SW Butte/Lawrence)	6	19	4	0	1	0	30	8	26	6	0	1	0	42	2.0%
16A (Campbell)	1	7	1	0	1	0	10	1	10	1	0	1	0	14	0.7%
17A (Charles Mix)	4	9	0	0	8	0	21	6	13	0	0	11	0	29	1.4%
18A (Clark)	5	20	1	0	0	0	26	7	28	1	0	0	0	36	1.7%
19A (Clay)	2	8	3	0	0	0	13	3	11	4	0	0	0	18	0.9%
20A (Corson)	2	2	0	0	2	0	6	3	3	0	0	3	0	8	0.4%
21A (E Custer/S Penn)	3	10	2	0	10	0	25	4	14	3	0	14	0	35	1.7%
21B (C Custer/C Penn)	3	9	2	0	1	0	15	4	13	3	0	1	0	21	1.0%
22A (Day)	3	14	5	0	0	0	22	4	19	7	0	0	0	31	1.5%
23A (Deuel)	3	17	3	0	0	0	23	4	24	4	0	0	0	32	1.5%
24A (Dewey)	0	4	0	0	1	1	6	0	6	0	0	1	1	8	0.4%
24B (Little Moreau)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
25A (Douglas)	3	3	1	0	0	0	7	4	4	1	0	0	0	10	0.5%
26A (Edmunds)	5	11	2	0	0	0	18	7	15	3	0	0	0	25	1.2%
27A (NW FRiver/SW Cust)	0	3	1	0	5	1	10	0	4	1	0	7	1	14	0.7%
27B (Fall River)	1	8	2	0	5	1	17	1	11	3	0	7	1	24	1.1%
27L (Hill Ranch Area)	0	0	1	0	0	0	1	0	2	1	0	0	0	3	0.2%
28A (Faulk)	1	13	0	0	0	0	14	1	18	0	0	0	0	19	0.9%
29A (Grant)	4	25	4	0	0	0	33	6	35	6	0	0	0	46	2.2%
30A,B (Gregory)	4	26	1	1	2	0	34	6	36	1	1	3	0	47	2.2%
31A (Haakon)	1	8	0	1	10	1	21	1	11	0	1	14	1	29	1.4%
32A (Hamlin)	10	30	3	0	0	0	43	14	42	4	0	0	0	60	2.8%
33A (Hand)	5	14	3	0	2	1	25	7	19	4	0	3	1	35	1.7%
34A (Hanson)	0	4	2	0	0	0	6	0	6	3	0	0	0	8	0.4%
35A (W Harding)	0	3	0	0	10	0	13	0	4	0	0	14	0	18	0.9%
35C (E Harding)	0	3	0	0	6	1	10	0	4	0	0	8	1	14	0.7%
35L (Custer Nat Forest)	0	7	0	2	1	0	10	0	10	0	3	2	0	15	0.7%
36A (Hughes)	1	5	1	0	4	0	11	1	7	1	0	6	0	15	0.7%
37A (Hutchinson)	0	6	0	0	1	0	7	0	8	0	0	1	0	10	0.5%
38A (Hyde)	0	8	2	0	1	0	11	0	11	3	0	1	0	15	0.7%
39A (N Jackson)	0	3	0	0	2	0	5	0	4	0	0	3	0	7	0.3%
39B (S Jackson)	0	0	0	1	1	0	2	0	0	0	1	1	0	3	0.1%
40A (Jerauld)	3	3	6	0	1	0	13	4	4	9	0	1	0	18	0.9%
41A (Jones)	1	7	0	0	5	0	13	1	10	0	0	7	0	18	0.9%
42A (Kingsbury)	4	16	1	0	0	0	21	6	22	1	0	0	0	29	1.4%
43A (Lake)	2	11	6	0	0	0	19	3	15	9	0	0	0	27	1.3%
44A (Lincoln)	3	18	5	0	0	0	26	4	25	7	0	0	0	36	1.7%
45A (W Lyman)	2	9	0	0	4	0	15	3	13	0	0	6	0	21	1.0%
45B (E Lyman)	0	6	1	0	5	0	12	0	8	1	0	7	0	17	0.8%
45C (NE Lyman/SE Stanley)	0	0	1	0	0	0	1	0	0	1	0	0	0	1	0.1%
45D (Ft Pr Nat Grslnd)	0	1	0	0	4	0	5	0	1	0	0	6	0	7	0.3%
46A (McCook)	5	16	5	0	0	0	26	7	22	7	0	0	0	36	1.7%
47A (McPherson)	2	10	7	0	0	0	19	3	14	10	0	0	0	27	1.3%
48A (Marshall)	5	11	0	0	0	0	16	7	15	0	0	0	0	22	1.1%
49A (W Meade)	1	19	3	1	5	1	30	1	26	4	1	7	1	42	2.0%
49B (NE Meade)	4	12	0	0	6	0	22	6	17	0	0	8	0	31	1.5%
50A,B (Mellette)	3	9	1	2	3	0	18	4	13	1	3	4	0	25	1.2%
51A (Miner)	5	16	3	0	1	0	25	7	22	4	0	1	0	35	1.7%
52A (Moody)	4	21	2	0	0	0	27	6	29	3	0	0	0	38	1.8%
53A (N Perkins)	1	3	0	1	7	1	13	1	4	0	1	10	1	18	0.9%
53C (S Perkins)	1	6	1	1	8	1	18	1	8	1	1	11	1	25	1.2%
54A (Potter)	1	7	3	1	3	0	15	1	10	4	1	4	0	21	1.0%
55A (Roberts)	5	25	2	0	0	0	32	7	35	3	0	0	0	45	2.1%
56A (Sanborn)	2	9	0	0	0	0	11	3	13	0	0	0	0	15	0.7%
57A (Spink)	2	13	2	0	0	0	17	3	18	3	0	0	0	24	1.1%
58A (Stanley)	1	6	1	1	7	0	16	1	8	1	1	10	0	22	1.1%
59A (W Sully)	0	5	1	1	2	1	10	0	7	1	1	3	1	14	0.7%
59B (E Sully)	2	3	1	0	0	0	6	3	4	1	0	0	0	8	0.4%
60A (Tripp)	2	18	1	1	6	0	28	3	25	1	1	8	0	39	1.9%
61A (Turner)	2	9	3	0	0	0	14	3	13	4	0	0	0	20	0.9%
62A (Union)	4	20	4	0	0	0	28	6	28	6	0	0	0	39	1.9%
63A (Walworth)	3	7	5	1	3	0	19	4	10	7	1	4	0	27	1.3%
64A (Ziebach)	0	1	0	0	0	0	1	0	1	0	0	0	0	1	0.1%
65A (Oglala Lakota)	1	0	0	0	0	0	1	1	0	0	0	0	0	1	0.1%
67A (Todd)	1	2	1	0	3	0	7	1	3	1	0	4	0	10	0.5%
BH (Black Hills)	23	107	16	3	15	1	165	32	149	23	4	21	1	230	10.9%
Unknown	2	13	6	0	2	1	24								
TOTALS	**210**	**910**	**178**	**22**	**196**	**19**	**1,535**	**287**	**1,250**	**245**	**30**	**275**	**26**	**2,114**	

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


Mentored Youth Deer 2008-2016
tags sold
harvest
success
Tags & Harvest
% Success
4,000
3,500
3,000
2,500
2,000
1,500
1,000
500
0
80%
70%
60%
50%
40%
30%
20%
10%
0%
2008
2009
2010
2011
2012
2013
2014
2015
2016

MUZZLELOADER DEER

There were 2,086 antlerless deer licenses (1,952 resident, 134 nonresident) and 962 “any deer” licenses issued for the 2016 Muzzleloader Deer season, which represented a total of 3,048 tags. All license holders were surveyed and 2,307 responded for a response rate of 78%. Approximately 66% of muzzleloader hunters used the Internet to respond.

The 2016 Muzzleloader season was open from December 1, 2016 through January 15, 2017, however only unfilled antlerless tags were valid from Jan. 1-15. This was the twelfth year that “any deer” licenses were available for the muzzleloader season with 7,873 applicants. The number of “any deer” licenses available was increased to 1,000 in 2008. Respondents averaged 4.06 days of hunting for a projected total of 12,111 recreation days for the season.

The estimated harvest for the Muzzleloader season was 1,127 deer (334 whitetail bucks, 699 whitetail does, 89 mule deer bucks, and 6 mule deer does). The overall success rate for the muzzleloader season was 37% and average satisfaction was 5.03 (1 = very dissatisfied, 7 = very satisfied).

The six deer management units with the highest reported harvest were Black Hills, Brown, Brookings, Gregory, Minnehaha, and Lake accounting for approximately 45% of the total season harvest.

Summary comparison of the 2008-2016 Muzzleloader Deer seasons

	Licenses Sold		Harvest						Avg	
			Bucks		Does				Days	Average
YEAR	Res	Nonres	WT	Mule	WT	Mule	Total	Success	Hunted	Satisfctn
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
2012	4,856	288	433	115	1,218	211	1,977	29%	4.51	4.75
2013	4,350	286	312	62	821	146	1,340	23%	4.14	4.57
2014	3,073	140	235	85	498	11	829	26%	3.79	4.58
2015	3,303	143	313	77	539	16	935	27%	4.03	4.76
2016	2,914	134	334	89	699	6	1,127	37%	4.06	5.03

2016 Muzzleloader Deer Harvest Projections

									Harvest Projections										
Last Revised:									Whitetail				Mule Deer				Total	Avg	
5-May-17	License	Licenses	Licenses Sold			Response	Hunter	Tag	Bucks		Does		Bucks		Does		Deer	Days	Avg
Unit	Holders	Available	Resident	Nonresident	Tags Sold	Rate	Success	Success	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Harvest	Hunted	Satisf
Statewide no Access permit	**2,872**	Unlimited	**2,796**	**125**	**2,921**	78%	**36%**	**36%**	**195**	**116**	**595**	**82**	**66**	**1**	**3**	**3**	**1,061**	4.02	5.01
Statewide w/ Access permit	**111**	Unlimited	**118**	**9**	**127**	89%	**55%**	**52%**	**16**	**7**	**18**	**3**	**22**	**0**	**0**	**0**	**66**	5.21	5.46
Totals	**2,983**		**2,914**	**134**	**3,048**	**78.4%**	**37.3%**	**37%**	**211**	**123**	**614**	**85**	**88**	**1**	**3**	**3**	**1,127**	**4.06**	**5.03**

2016 Access Permit Muzzleloader Deer Harvest Projections

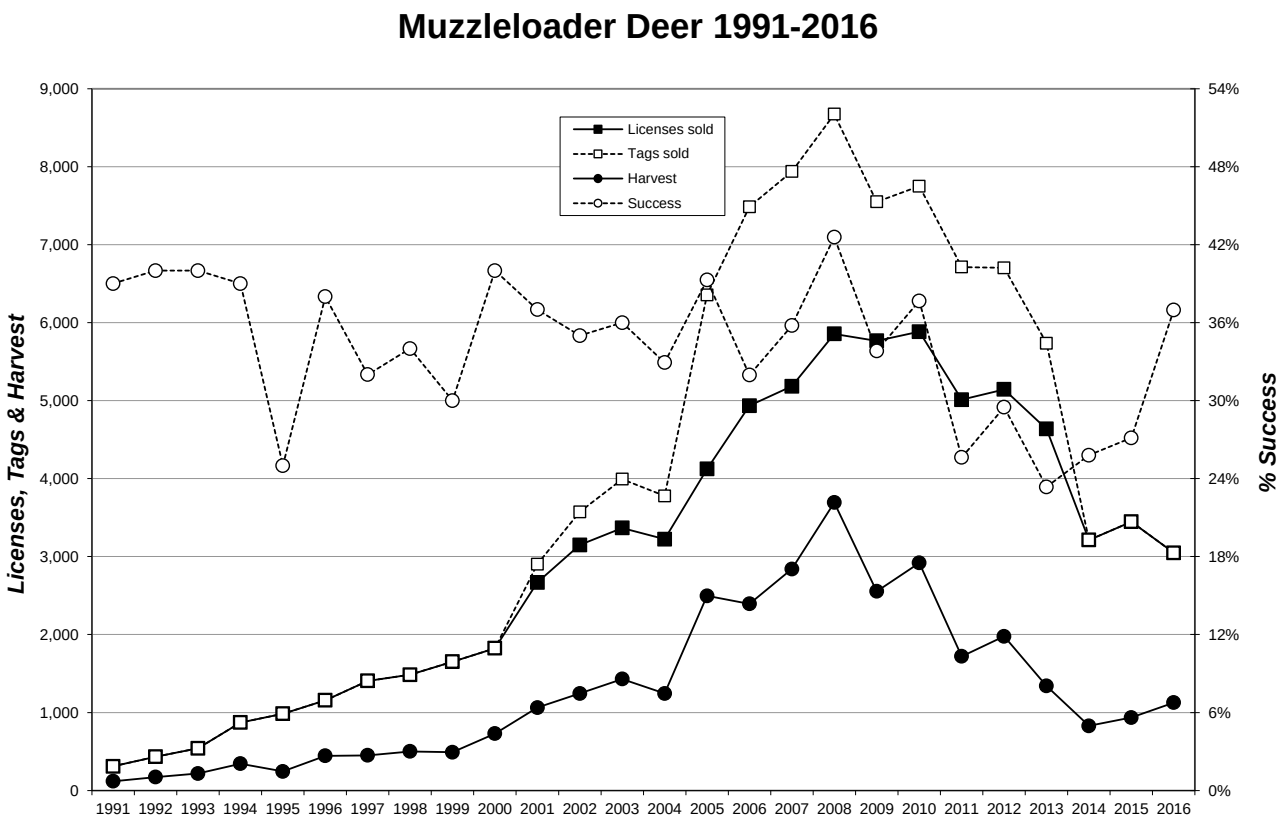
										Harvest Projections										
Last Revised:										Whitetail				Mule Deer				Total	Avg	
20-Mar-17	Permit	Licenses	Permits Issued			Projected	Response	Hunter	Permit	Bucks		Does		Bucks		Does		Deer	Days	Avg
Unit	Holders	Available	Resident	Nonresident	Sold	Hunted	Rate	Success	Success	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Harvest	Hunted	Satisf
Custer Nat Forest / 35L	**58**	Unlimited	**58**	**0**	**58**	**26**	88%	**32%**	**14%**	**1**	**0**	**1**	**0**	**6**	**0**	**0**	**0**	**8**	2.27	5.45
Hill Ranch GPA / 27L	**38**	Unlimited	**38**	**0**	**38**	**15**	86%	**23%**	**9%**	**4**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**4**	2.31	4.54
Little Moreau GPA / 24B	**63**	Unlimited	**54**	**9**	**63**	**16**	89%	**43%**	**11%**	**1**	**1**	**3**	**1**	**0**	**0**	**0**	**0**	**7**	1.50	6.07
	111		**150**	**9**	**159**	**52**	**89.1%**	**26.1%**	**12%**	**6**	**1**	**5**	**1**	**6**	**0**	**0**	**0**	**19**	**2.20**	**5.38**

2016 Muzzleloader Deer Harvest Distribution by Management Unit

Last Revised:
18-Apr-17

	Reported Harvest									Projected Harvest									
	Whitetail				Mule Deer					Whitetail				Mule Deer					
	Bucks		Does		Bucks		Does			Bucks		Does		Bucks		Does		Total	
County	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Total	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Estimate	%
01A (Minnehaha)	2	8	26	2	0	0	0	0	38	3	11	36	3	0	0	0	0	52	4.6%
02A (NE Penn/SE Meade)	2	1	3	0	3	0	0	0	9	3	1	4	0	5	0	0	0	13	1.2%
02C (SE Pennington)	0	0	4	0	3	0	0	1	8	0	0	5	0	5	0	0	3	13	1.2%
03A (Brown)	6	3	21	6	0	0	0	0	36	8	4	29	8	0	0	0	0	50	4.4%
04A (Beadle)	3	1	4	4	0	0	0	0	12	4	1	5	6	0	0	0	0	17	1.5%
05A (Codington)	1	0	1	0	0	0	0	0	2	1	0	1	0	0	0	0	0	3	0.2%
06A (Brookings)	2	6	37	4	0	0	0	0	49	3	8	51	6	0	0	0	0	67	6.0%
07A (Yankton)	0	1	4	0	0	0	0	0	5	0	1	5	0	0	0	0	0	7	0.6%
08A (Davison)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
10A (Aurora)	0	2	3	0	0	0	0	0	5	0	3	4	0	0	0	0	0	7	0.6%
11A (N Bennett)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
11B (S Bennett)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
12A (Bon Homme)	3	1	5	0	0	0	0	0	9	4	1	7	0	0	0	0	0	12	1.1%
13A (Brule)	0	2	3	1	0	0	0	0	6	0	3	4	1	0	0	0	0	8	0.7%
14A (Buffalo)	0	0	0	0	1	0	0	0	1	0	0	0	0	2	0	0	0	2	0.1%
15A (Butte)	1	2	13	2	1	0	0	0	19	1	3	18	3	2	0	0	0	26	2.3%
15B (SW Butte/Lawrence)	2	2	12	2	0	0	0	0	18	3	3	16	3	0	0	0	0	25	2.2%
16A (Campbell)	1	0	1	0	0	0	0	0	2	1	0	1	0	0	0	0	0	3	0.2%
17A (Charles Mix)	3	1	6	0	4	0	0	0	14	4	1	8	0	7	0	0	0	20	1.8%
18A (Clark)	4	0	0	0	0	0	0	0	4	6	0	0	0	0	0	0	0	6	0.5%
19A (Clay)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
20A (Corson)	3	0	0	0	1	0	0	0	4	4	0	0	0	2	0	0	0	6	0.5%
21A (E Custer/S Penn)	3	0	3	0	2	0	0	0	8	4	0	4	0	3	0	0	0	12	1.0%
21B (C Custer/C Penn)	1	0	7	1	1	0	0	0	10	1	0	10	1	2	0	0	0	14	1.2%
22A (Day)	3	2	0	0	0	0	0	0	5	4	3	0	0	0	0	0	0	7	0.6%
23A (Deuel)	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0.1%
24A (Dewey)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
24B (Little Moreau)	1	1	4	1	0	0	0	0	7	1	1	5	1	0	0	0	0	8	0.7%
25A (Douglas)	0	0	0	1	0	0	0	0	1	0	0	0	1	0	0	0	0	1	0.1%
26A (Edmunds)	1	1	3	0	0	0	0	0	5	1	1	4	0	0	0	0	0	7	0.6%
27A (NW FRiver/SW Cust)	1	0	1	1	1	0	0	0	4	1	0	1	1	2	0	0	0	6	0.5%
27B (Fall River)	0	1	6	0	2	0	1	0	10	0	1	8	0	3	0	1	0	14	1.3%
27L (Hill Ranch Area)	3	0	0	0	0	0	0	0	3	4	0	0	0	0	0	0	0	4	0.3%
28A (Faulk)	1	0	1	1	0	0	0	0	3	1	0	1	1	0	0	0	0	4	0.4%
29A (Grant)	5	0	3	0	0	0	0	0	8	7	0	4	0	0	0	0	0	11	1.0%
30A,B (Gregory)	5	3	13	1	0	0	0	0	22	7	4	18	1	0	0	0	0	30	2.7%
31A (Haakon)	1	1	4	0	0	0	0	0	6	1	1	5	0	0	0	0	0	8	0.7%
32A (Hamlin)	0	1	2	0	0	0	0	0	3	0	1	3	0	0	0	0	0	4	0.4%
33A (Hand)	4	0	4	0	0	0	0	0	8	6	0	5	0	0	0	0	0	11	1.0%
34A (Hanson)	0	0	1	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0.1%
35A (W Harding)	0	1	4	0	3	0	0	0	8	0	1	5	0	5	0	0	0	12	1.1%
35C (E Harding)	1	0	0	0	2	0	0	0	3	1	0	0	0	3	0	0	0	5	0.4%
35L (Custer Nat Forest)	1	0	2	0	6	0	0	0	9	1	0	3	0	7	0	0	0	11	1.0%
36A (Hughes)	3	0	2	0	0	0	0	0	5	4	0	3	0	0	0	0	0	7	0.6%
37A (Hutchinson)	1	1	1	0	0	0	0	0	3	1	1	1	0	0	0	0	0	4	0.4%
38A (Hyde)	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0.1%
39A (N Jackson)	0	0	0	0	2	0	0	0	2	0	0	0	0	3	0	0	0	3	0.3%
39B (S Jackson)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
40A (Jerauld)	2	0	4	0	0	0	0	0	6	3	0	5	0	0	0	0	0	8	0.7%
41A (Jones)	0	0	0	0	1	0	0	0	1	0	0	0	0	2	0	0	0	2	0.1%
42A (Kingsbury)	2	2	13	4	0	0	0	0	21	3	3	18	6	0	0	0	0	29	2.6%
43A (Lake)	2	4	15	1	0	0	0	0	22	3	6	21	1	0	0	0	0	30	2.7%
44A (Lincoln)	1	2	0	0	0	0	0	0	3	1	3	0	0	0	0	0	0	4	0.4%
45A (W Lyman)	1	0	4	1	1	0	0	0	7	1	0	5	1	2	0	0	0	10	0.9%
45B (E Lyman)	1	0	0	0	1	0	0	0	2	1	0	0	0	2	0	0	0	3	0.3%
45C (NE Lyman/SE Stanley)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
45D (Ft Pr Nat Grslnd)	2	0	0	0	1	0	0	0	3	3	0	0	0	2	0	0	0	4	0.4%
46A (McCook)	2	1	11	0	0	0	0	0	14	3	1	15	0	0	0	0	0	19	1.7%
47A (McPherson)	3	1	2	2	0	0	0	0	8	4	1	3	3	0	0	0	0	11	1.0%
48A (Marshall)	2	0	0	0	0	0	0	0	2	3	0	0	0	0	0	0	0	3	0.2%
49A (W Meade)	1	1	14	1	0	0	0	0	17	1	1	19	1	0	0	0	0	23	2.1%
49B (NE Meade)	2	1	1	1	3	0	0	0	8	3	1	1	1	5	0	0	0	12	1.1%
50A,B (Mellette)	3	0	5	1	0	0	0	0	9	4	0	7	1	0	0	0	0	12	1.1%
51A (Miner)	0	1	9	0	0	0	0	0	10	0	1	12	0	0	0	0	0	14	1.2%
52A (Moody)	5	1	7	0	0	0	0	0	13	7	1	10	0	0	0	0	0	18	1.6%
53A (N Perkins)	0	1	1	0	1	0	0	0	3	0	1	1	0	2	0	0	0	4	0.4%
53C (S Perkins)	4	0	2	0	1	0	0	0	7	6	0	3	0	2	0	0	0	10	0.9%
54A (Potter)	3	0	3	0	4	0	0	0	10	4	0	4	0	7	0	0	0	15	1.3%
55A (Roberts)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
56A (Sanborn)	5	2	2	3	0	0	0	0	12	7	3	3	4	0	0	0	0	17	1.5%
57A (Spink)	1	4	9	0	0	0	0	0	14	1	6	12	0	0	0	0	0	19	1.7%
58A (Stanley)	2	0	2	0	2	0	0	0	6	3	0	3	0	3	0	0	0	9	0.8%
59A (W Sully)	0	1	3	1	1	0	1	0	7	0	1	4	1	2	0	1	0	10	0.9%
59B (E Sully)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
60A (Tripp)	4	3	8	0	1	0	0	0	16	6	4	11	0	2	0	0	0	22	2.0%
61A (Turner)	2	0	0	0	0	0	0	0	2	3	0	0	0	0	0	0	0	3	0.2%
62A (Union)	3	0	2	0	0	0	0	0	5	4	0	3	0	0	0	0	0	7	0.6%
63A (Walworth)	1	1	0	0	0	0	0	0	2	1	1	0	0	0	0	0	0	3	0.2%
64A (Ziebach)	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0.1%
65A (Oglala Lakota)	0	0	1	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0.1%
67A (Todd)	0	1	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	1	0.1%
BH (Black Hills)	27	20	127	19	5	1	0	0	199	38	28	174	27	8	1	0	0	275	24.4%
Unknown	3	1	13	3	2	0	0	1	23										
TOTALS	**164**	**95**	**474**	**66**	**70**	**1**	**2**	**2**	**874**	**211**	**123**	**614**	**85**	**88**	**1**	**3**	**3**	**1,127**	

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


Muzzleloader Deer 1991-2016
Licenses sold
Tags sold
Harvest
Success
Licenses, Tags & Harvest
% Success
9,000
8,000
7,000
6,000
5,000
4,000
3,000
2,000
1,000
0
54%
48%
42%
36%
30%
24%
18%
12%
6%
0%
1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016

LANDOWNER FREE ANTLERLESS DEER

There were 628 free single-tag antlerless white-tailed deer licenses issued to qualifying resident landowners for the 2016 West River Deer, East River Deer, Archery Deer, Muzzleloader Deer, and Youth Deer hunting seasons. All license holders were surveyed and 338 responses (65%) were received. Approximately 44% of hunters responded through the Internet.

Free Landowner on Own Land Antlerless Deer licenses were valid for qualifying hunters from September 10, 2016 through January 15, 2017. Respondents reported hunting an average of 3.54 days each, which projected to 4,182 recreation days.

Projections for the season estimated that a total of 36 whitetail bucks, 264 whitetail does, and 3 mule deer does were harvested. The total harvest for the Free Antlerless Landowner licenses was 303, and the overall success rate was 48%. The five deer management units with the highest reported harvest were Butte, SW Butte/Lawrence, Gregory, Beadle, and Walworth.

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

Summary of the 2011-2016 Free Landowner Antlerless Deer license statistics

		Harvest						Avg	
	Licenses	Bucks		Does				Days	Average
YEAR	Sold	WT	Mule	WT	Mule	Total	Success	Hunted	Satisfctn
2011	2,005	91	9	709	104	913	46%	3.80	4.78
2012	1,271	30	0	479	37	546	43%	3.02	4.92
2013	1,390	35	3	359	32	430	31%	3.50	4.72
2014	NA								
2015	NA								
2016	628	36	0	264	3	303	48%	3.54	5.15

2016 Free Antlerless Landowner Own Land Harvest Projections

Last Revised: 11-May-17

							Harvest Projections										
							Whitetail				Mule Deer				Total	Mean	Average
	Licenses			Response	Hunter	Tag	Bucks		Does		Bucks		Does		Deer	Satisfactn	Days
Unit	Avail.	Sold	Hunters	Rate	Success	Success	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Harvest	Rating	Hunted
Statewide	Unltd	628	522	65%	48%	48%	0	36	252	12	0	0	3	0	303	5.15	3.54

2016 Statewide Free Antlerless LOL Harvest Distribution

Last Revised:
11-May-17

	Reported Harvest							Projected Harvest							
	Whitetail			Mule Deer				Whitetail			Mule Deer				
	Bucks	Does		Bucks	Does			Bucks	Does		Bucks	Does		Total	
County	Fawn	Adult	Fawn	Fawn	Adult	Fawn	Total	Fawn	Adult	Fawn	Fawn	Adult	Fawn	Estimate	%
01A (Minnehaha)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
02A (NE Penn/SE Meade)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
02C (SE Pennington)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
03A (Brown)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
04A (Beadle)	3	18	0	0	0	0	21	5	28	0	0	0	0	32	10.7%
05A (Codington)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
06A (Brookings)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
07A (Yankton)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
08A (Davison)	0	1	0	0	0	0	1	0	2	0	0	0	0	2	0.5%
10A (Aurora)	0	2	1	0	0	0	3	0	3	2	0	0	0	5	1.5%
11A (N Bennett)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
11B (S Bennett)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
12A (Bon Homme)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
13A (Brule)	1	1	1	0	0	0	3	2	2	2	0	0	0	5	1.5%
14A (Buffalo)	0	1	0	0	0	0	1	0	2	0	0	0	0	2	0.5%
15A (Butte)	3	23	1	0	1	0	28	5	36	2	0	2	0	43	14.3%
15B (SW Butte/Lawrence)	0	23	1	0	0	0	24	0	36	2	0	0	0	37	12.2%
16A (Campbell)	0	1	0	0	0	0	1	0	2	0	0	0	0	2	0.5%
17A (Charles Mix)	2	0	0	0	0	0	2	3	0	0	0	0	0	3	1.0%
18A (Clark)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
19A (Clay)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
20A (Corson)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
21A (E Custer/S Penn)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
21B (C Custer/C Penn)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
22A (Day)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
23A (Deuel)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
24A (Dewey)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
25A (Douglas)	1	0	0	0	0	0	1	2	0	0	0	0	0	2	0.5%
26A (Edmunds)	1	10	0	0	0	0	11	2	15	0	0	0	0	17	5.6%
27A (NW FRiver/SW Cust)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
27B (Fall River)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
28A (Faulk)	1	2	1	0	0	0	4	2	3	2	0	0	0	6	2.0%
29A (Grant)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
30A,B (Gregory)	2	22	1	0	0	0	25	3	34	2	0	0	0	39	12.8%
31A (Haakon)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
32A (Hamlin)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
33A (Hand)	1	4	0	0	1	0	6	2	6	0	0	2	0	9	3.1%
34A (Hanson)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
35A (W Harding)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
35C (E Harding)	1	0	0	0	0	0	1	2	0	0	0	0	0	2	0.5%
36A (Hughes)	1	2	0	0	0	0	3	2	3	0	0	0	0	5	1.5%
37A (Hutchinson)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
38A (Hyde)	0	1	0	0	0	0	1	0	2	0	0	0	0	2	0.5%
39A (N Jackson)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
39B (S Jackson)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
40A (Jerauld)	1	5	1	0	0	0	7	2	8	2	0	0	0	11	3.6%
41A (Jones)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
42A (Kingsbury)	0	1	0	0	0	0	1	0	2	0	0	0	0	2	0.5%
43A (Lake)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
44A (Lincoln)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
45A (W Lyman)	0	3	0	0	0	0	3	0	5	0	0	0	0	5	1.5%
45B (E Lyman)	0	2	0	0	0	0	2	0	3	0	0	0	0	3	1.0%
45C (NE Lyman/SE Stanley)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
45D (Ft Pr Nat Grslnd)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
46A (McCook)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
47A (McPherson)	0	4	0	0	0	0	4	0	6	0	0	0	0	6	2.0%
48A (Marshall)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
49A (W Meade)	0	4	0	0	0	0	4	0	6	0	0	0	0	6	2.0%
49B (NE Meade)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
50A,B (Mellette)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
51A (Miner)	0	4	0	0	0	0	4	0	6	0	0	0	0	6	2.0%
52A (Moody)	0	1	0	0	0	0	1	0	2	0	0	0	0	2	0.5%
53A (N Perkins)	0	3	0	0	0	0	3	0	5	0	0	0	0	5	1.5%
53C (S Perkins)	0	2	0	0	0	0	2	0	3	0	0	0	0	3	1.0%
54A (Potter)	1	10	0	0	0	0	11	2	15	0	0	0	0	17	5.6%
55A (Roberts)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
56A (Sanborn)	0	3	1	0	0	0	4	0	5	2	0	0	0	6	2.0%
57A (Spink)	0	1	0	0	0	0	1	0	2	0	0	0	0	2	0.5%
58A (Stanley)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
59A (W Sully)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
59B (E Sully)	0	1	0	0	0	0	1	0	2	0	0	0	0	2	0.5%
60A (Tripp)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
61A (Turner)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
62A (Union)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
63A (Walworth)	4	8	0	0	0	0	12	6	12	0	0	0	0	19	6.1%
64A (Ziebach)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
65A (Shannon)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
67A (Todd)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
Unknown	0	0	0	0	0	0	0								
TOTALS	**23**	**163**	**8**	**0**	**2**	**0**	**196**	**36**	**252**	**12**	**0**	**3**	**0**	**303**	

Any by management unit projected harvest values will differ from statewide projected harvest values due to incorrect sampling proportions within units.

Use these figures for approximations only!

WEST RIVER FIREARM DEER

There were 24,484 licenses issued for the 2016 West River Firearm Deer season (21,237 regular, 991 Special Buck and 2,256 Landowner Own Land Only) for a total of 28,054 tags.

The West River season was open 16 days from November 12-27 in most units. Units 50A in Mellette County and 30A in Gregory County were open from Nov. 5-8 and 21-27.

A random sample of 9,093 license holders was taken from the regular West River season, 2,189 from the Landowner Own Land Only licenses, and 990 from the Special Buck licenses. All hunters that listed an email address were surveyed using Qualtrics Software for the first attempt. Approximately 62% of regular season, 43% of Landowner Own Land, and 70% of Special Buck hunters surveyed through Qualtrics responded. All hunters who did not respond or did not supply an email address were mailed paper surveys which could be responded to either online or through the mail. Final response rates were 78% for regular West River Deer, 71% for Landowner Own Land and 86% for Special Buck. Of all responding hunters, 67% of regular West River, 50% of Landowner Own Land and 71% of Special Buck hunters responded over the Internet.

Respondents reported hunting an average of 3.25 days in the regular West River season, 4.01 days for landowner and 3.52 days in the Special Buck. These averages projected to a total of 77,348 recreation days for all West River firearm deer seasons.

The West River projected deer harvest was 14,283 for the regular season, 1,747 for landowner on own land, and 803 for the Special Buck licenses. Success rates were 53% for the regular season, 48% for landowner and 81% for Special Buck.

The mean satisfaction score for those responding to the regular West River season was 5.13 (1 being very dissatisfied and 7 very satisfied).

Summary comparison of the 2008-2016 West River Deer seasons (including Special Buck and Landowner)

	Licenses Sold				***Harvest***							
	Resident		***Nonres***		***Bucks***		***Does***			***Tag***	***Avg***	***Avg***
YEAR	***Lics***	***Tags***	***Lics***	***Tags***	***WT***	***Mule***	***WT***	***Mule***	***Total***	***Success***	***Days***	***Satis***
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
2012	22,511	44,080	3,143	6,173	8,606	3,650	8,946	2,391	23,594	47%	3.63	4.96
2013	22,422	44,118	3,216	6,257	7,749	3,358	5,785	1,678	18,570	37%	3.56	4.46
2014	20,736	23,533	2,035	2,216	7,646	3,246	2,415	334	13,642	53%	3.25	4.88
2015	20,417	23,405	2,394	2,547	9,091	3,673	2,521	246	15,528	60%	3.12	5.27
2016	21,974	28,565	2,510	3,086	8,789	3,885	3,805	354	16,384	53%	3.33	5.13

2016 West River Deer Harvest Projections

Last Revised:
07-Mar-17

Unit	Licenses: Resident Avail.	Licenses: Resident Sold	Licenses: Nonresident Avail.	Licenses: Nonresident Sold	Tags sold	Hunters	Response Rate	Hunter Success	Tag Success	Harvest Projections: Whitetail Bucks Adult	Whitetail Bucks Fawn	Whitetail Does Adult	Whitetail Does Fawn	Mule Deer Bucks Adult	Mule Deer Bucks Fawn	Mule Deer Does Adult	Mule Deer Does Fawn	Total Deer Harvested	CI (95%)	Mean Satisf Rating	Average Days Hunted
Penn NE / Meade SE	600	601	48	46	862	647	79%	62%	51%	185	5	41	0	190	3	18	0	441	+/-41	5.20	3.45
Pennington SE	150	153	12	12	165	165	80%	68%	68%	55	0	1	0	52	0	4	0	113	+/-7	5.41	3.02
Bennett N	250	245	20	26	271	253	79%	56%	56%	93	0	17	0	33	0	8	0	152	+/-13	4.88	3.51
Bennett S	225	225	18	18	243	243	76%	51%	51%	84	0	8	0	31	2	0	0	125	+/-12	4.67	3.65
Butte	1,000	997	80	83	1,997	1,066	78%	73%	60%	486	65	468	65	102	0	4	4	1,193	+/-95	5.46	3.33
Butte SW/ Lawrence	800	798	64	67	1,567	845	78%	77%	59%	466	68	318	37	37	0	6	0	931	+/-75	5.70	3.86
Corson	400	404	32	31	435	435	79%	57%	57%	194	2	16	0	35	0	2	0	249	+/-21	5.05	3.72
Custer E / Penn S	300	301	24	24	325	325	77%	69%	69%	147	2	20	5	48	0	2	0	224	+/-15	5.27	3.98
Custer C / Penn C	150	150	12	12	162	162	77%	66%	66%	45	3	28	3	26	1	1	0	107	+/-7	5.24	3.35
Dewey	450	437	36	49	486	463	76%	50%	48%	133	7	59	2	31	2	0	0	234	+/-24	4.95	3.02
Little Moreau	20	19	2	2	21	21	90%	68%	68%	7	0	7	1	0	0	0	0	14	+/-1	6.44	2.63
FRiver NW/ Cust SW	100	100	8	8	108	108	84%	73%	73%	14	0	2	0	58	0	4	1	79	+/-4	5.23	3.84
Fall River	500	503	40	38	541	539	76%	61%	61%	156	10	50	5	89	5	14	0	328	+/-26	4.91	3.21
Fall River Special	20	21	2	2	23	23	96%	86%	86%	16	0	0	0	4	0	0	0	20	+/-1	4.81	3.27
Gregory	1,700	1,701	136	135	3,345	1,836	77%	51%	36%	663	79	414	23	6	0	6	0	1,190	+/-158	4.64	3.50
Haakon	850	845	68	75	920	908	80%	66%	65%	216	6	70	3	276	0	29	0	600	+/-42	5.28	3.39
Harding W	650	633	52	69	702	609	78%	72%	69%	217	12	111	5	128	0	10	0	483	+/-31	5.57	2.62
Harding E	500	477	40	54	531	444	77%	66%	66%	199	11	90	21	28	2	0	0	350	+/-25	5.49	2.70
Harding Special	125	127	10	10	137	137	88%	76%	76%	28	0	0	0	72	1	2	0	104	+/-4	6.05	2.67
Jackson N	250	249	20	20	269	269	80%	53%	53%	85	0	5	0	52	0	0	0	142	+/-12	4.61	3.06
Jackson S	400	380	32	50	430	382	85%	65%	63%	128	0	11	0	123	2	9	0	272	+/-18	5.37	3.00
Jones	550	517	44	76	970	543	76%	61%	45%	238	26	88	10	64	0	7	0	433	+/-48	4.91	3.75
Lyman W	800	693	64	84	1,453	726	77%	54%	37%	297	25	161	25	34	0	0	0	542	+/-69	4.86	3.66
Lyman E	250	231	20	16	247	247	79%	55%	55%	90	8	19	0	19	0	0	0	135	+/-11	4.86	3.30
Lyman NE / Stanley SE	50	46	5	8	75	51	92%	51%	46%	5	1	15	2	8	0	3	0	35	+/-3	4.91	3.36
Ft Pr Nat Grslnd	90	93	8	8	101	101	82%	61%	61%	50	0	0	1	11	0	0	0	62	+/-4	5.32	3.41
Meade W	1,000	989	80	91	1,080	1,026	75%	64%	66%	445	4	96	4	140	4	18	0	710	+/-51	5.36	3.57
Meade NE	1,400	1,331	112	178	1,509	1,307	73%	52%	49%	337	27	94	9	261	0	9	0	737	+/-76	5.20	2.77
Mellette	1,050	1,016	84	116	1,132	1,031	78%	54%	52%	292	7	92	7	167	0	28	0	594	+/-55	5.02	2.72
Perkins N	850	837	68	80	1,511	873	81%	70%	54%	332	24	269	27	145	3	9	0	810	+/-71	5.07	3.15
Perkins S	1,200	1,132	96	162	2,048	1,165	78%	65%	49%	377	43	295	35	237	0	16	8	1,010	+/-100	5.11	2.94
Stanley	550	552	44	42	594	546	82%	49%	47%	114	11	60	9	81	0	4	0	280	+/-28	4.79	3.20
Oahe Dwnstrm	10	10	2	2	12	12	100%	64%	64%	3	2	2	0	0	0	0	0	8	+/-1	5.88	1.18
Tripp	1,800	1,713	144	232	1,945	1,715	78%	57%	56%	602	53	264	32	127	0	16	0	1,092	+/-94	5.08	3.11
Ziebach	500	470	40	72	542	507	78%	61%	60%	201	0	22	2	89	0	11	0	326	+/-26	5.30	2.81
Oglala Lakota	75	75	6	6	81	81	75%	62%	62%	27	0	1	0	21	0	1	0	50	+/-5	5.21	2.97
Todd	150	150	12	12	162	162	81%	67%	67%	72	1	10	0	22	0	2	0	108	+/-6	5.30	3.34
Totals	**19,765**	**19,221**	**1,585**	**2,016**	**27,002**	**19,973**	**78.5%**	**61%**	**53%**	**7,098**	**502**	**3,223**	**334**	**2,845**	**24**	**244**	**13**	**14,283**	**+/-1,280**	**5.13**	**3.25**

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

2016 West River Deer Harvest Projections

Last Revised:	Licenses									Harvest Projections								
9-Mar-17	Resident			Nonresident						Whitetail				Mule Deer				Total
	Appl. 1st			Appl. 1st			Response	Success		Bucks		Does		Bucks		Does		Deer
Unit/Type	Choice *	Avail.	Sold	Choice *	Avail.	Sold	Rate	1st tag	2nd tag	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Harvest
02A-01	635	400	402	92	32	30	81%	62%		66	0	2	0	182	3	18	0	269
02A-18	41	200	199	24	16	16	76%	60%	21%	119	5	38	0	8	0	0	0	173
02C-01	371	100	103	67	8	8	75%	72%		20	0	1	0	52	0	4	0	80
02C-11	24	50	50	7	4	4	88%	60%		35	0	0	0	0	0	0	0	33
11A-01	169	150	151	27	12	12	77%	62%		53	0	8	0	33	0	6	0	102
11A-11	3	100	94	4	8	14	71%	47%		40	0	9	0	0	0	2	0	50
11B-01	205	100	100	34	8	8	72%	58%		27	0	2	0	31	2	0	0	62
11B-11	28	125	125	13	10	10	79%	46%		57	0	6	0	0	0	0	0	63
15A-01	742	150	151	79	12	12	84%	85%		42	0	0	0	102	0	4	4	138
15A-18	443	650	650	64	52	52	76%	68%	47%	440	42	292	33	0	0	0	0	821
15A-19	31	200	196	16	16	19	78%	64%	38%	4	23	176	32	0	0	0	0	234
15B-01	347	150	151	42	12	12	82%	66%		78	2	2	0	33	0	3	0	108
15B-18	357	500	500	29	40	40	76%	73%	46%	388	28	197	9	4	0	0	0	629
15B-19	52	150	147	16	12	15	75%	71%	41%	0	37	118	28	0	0	4	0	195
20A-01	454	100	104	44	8	8	83%	76%		45	0	4	0	35	0	2	0	86
20A-11	140	300	300	52	24	23	77%	51%		149	2	12	0	0	0	0	0	164
21A-01	559	100	101	29	8	8	81%	68%		26	0	2	0	45	0	2	0	74
21A-11	181	200	200	14	16	16	76%	70%		121	2	18	5	4	0	0	0	151
21B-01	215	100	100	27	8	8	81%	73%		43	1	8	0	26	1	1	0	78
21B-13	5	50	50	2	4	4	67%	52%		2	1	20	3	0	0	0	0	28
24A-01	309	100	100	36	8	8	81%	48%		18	0	5	0	31	2	0	0	52
24A-11	99	250	250	39	20	20	72%	50%		115	3	17	0	0	0	0	0	134
24A-13	5	100	87	19	8	21	77%	44%		0	4	37	2	0	0	0	0	48
24B-11	62	10	9	9	1	1	90%	78%		7	0	1	0	0	0	0	0	8
24B-13	1	10	10	0	1	1	91%	60%		0	0	6	1	0	0	0	0	7
27A-01	405	100	100	39	8	8	84%	73%		14	0	2	0	58	0	4	1	79
27B-01	661	200	200	69	16	17	73%	68%		41	0	0	0	87	5	10	0	147
27B-11	55	200	200	8	16	16	76%	63%		115	5	17	2	0	0	0	0	137
27B-13	9	100	103	2	8	5	79%	41%		0	5	33	2	2	0	4	0	45
27L-01	89	10	11	7	1	1	92%	82%		6	0	0	0	4	0	0	0	10
27L-11	21	10	10	4	1	1	100%	91%		10	0	0	0	0	0	0	0	10
30A-01	529	150	150	49	12	12	86%	44%		60	0	13	0	0	0	0	0	72
30A-18	436	600	599	91	48	47	76%	44%	25%	269	21	161	0	0	0	0	0	449
30A-19	13	100	100	8	8	8	67%	38%	25%	0	7	40	12	0	0	6	0	68
30B-01	457	150	153	72	12	12	89%	46%		72	0	0	0	6	0	0	0	75
30B-18	520	600	600	101	48	48	79%	45%	27%	262	43	156	10	0	0	0	0	471
30B-19	33	100	99	11	8	8	50%	33%	17%	0	9	44	0	0	0	0	0	54
31A-01	900	600	602	140	48	48	79%	69%		125	0	11	0	276	0	26	0	446
31A-11	8	150	150	17	12	12	83%	59%		91	0	3	3	0	0	0	0	96
31A-13	6	100	93	7	8	15	82%	54%		0	6	55	0	0	0	3	0	59
35A-01	667	200	201	129	16	16	83%	79%		32	0	5	0	128	0	6	0	172
35A-11	39	250	249	29	20	20	76%	73%		177	5	17	0	0	0	0	0	196
35A-13	4	200	183	4	16	33	58%	53%		8	7	89	5	0	0	4	0	115
35C-01	319	50	52	40	4	4	90%	68%		11	0	2	0	25	0	0	0	38
35C-11	98	250	248	24	20	20	73%	77%		184	0	9	0	3	2	0	0	206
35C-13	1	200	177	1	16	30	68%	51%		4	11	79	21	0	0	0	0	106
35L-01	810	125	127	126	10	10	88%	76%		28	0	0	0	72	1	2	0	104
39A-01	350	150	149	49	12	12	82%	57%		41	0	1	0	51	0	0	0	92
39A-11	27	100	100	14	8	8	77%	46%		44	0	3	0	2	0	0	0	50
39B-01	261	250	250	43	20	19	83%	66%		54	0	0	0	116	2	9	0	178
39B-11	4	150	130	11	12	31	81%	58%		73	0	11	0	7	0	0	0	94
41A-01	365	200	200	89	16	16	76%	64%		66	0	6	0	64	0	5	0	139
41A-18	40	350	317	27	28	60	71%	50%	29%	172	26	83	10	0	0	2	0	294
45A-01	373	100	97	63	8	4	78%	61%		29	0	0	0	31	0	0	0	62
45A-18	138	550	480	50	44	55	77%	51%	24%	264	21	115	15	3	0	0	0	417
45A-19	8	150	116	5	12	25	67%	23%	13%	4	5	46	11	0	0	0	0	63
45B-01	272	50	47	32	4	4	64%	63%		6	0	4	0	19	0	0	0	32
45B-11	190	200	184	22	16	12	84%	53%		84	8	15	0	0	0	0	0	103
45C-01	49	30	30	10	3	3	97%	51%		5	0	1	0	8	0	3	0	17
45C-19	3	20	16	2	2	5	83%	53%	27%	0	0	14	2	0	0	0	0	18
45D-01	228	30	33	24	3	3	72%	69%		13	0	0	0	11	0	0	0	25
45D-11	129	60	60	16	5	5	88%	57%		37	0	0	1	0	0	0	0	37
49A-01	599	700	700	103	56	56	74%	69%		332	0	31	0	132	4	18	0	520
49A-11	33	200	196	3	16	20	79%	55%		103	0	12	0	3	0	0	0	118
49A-13	6	100	93	5	8	15	68%	66%		10	4	52	4	4	0	0	0	72
49B-01	791	700	701	140	56	56	76%	59%		182	0	5	0	251	0	0	0	447
49B-11	12	400	360	19	32	70	67%	39%		154	0	5	0	10	0	0	0	166
49B-13	5	300	270	0	24	52	56%	39%		0	27	85	9	0	0	9	0	124
50A-01	382	150	150	22	12	12	83%	62%		38	0	4	0	55	0	8	0	101
50A-11	24	200	202	35	16	14	77%	35%		60	3	0	0	0	0	8	0	76
50A-13	1	100	87	1	8	21	65%	28%		0	4	25	0	0	0	0	0	31
50B-01	470	250	251	76	20	19	79%	68%		65	0	0	0	113	0	13	0	183
50B-11	26	250	247	24	20	22	68%	52%		120	0	13	0	0	0	0	0	140
50B-13	7	100	79	0	8	28	83%	59%		9	0	50	7	0	0	0	0	63

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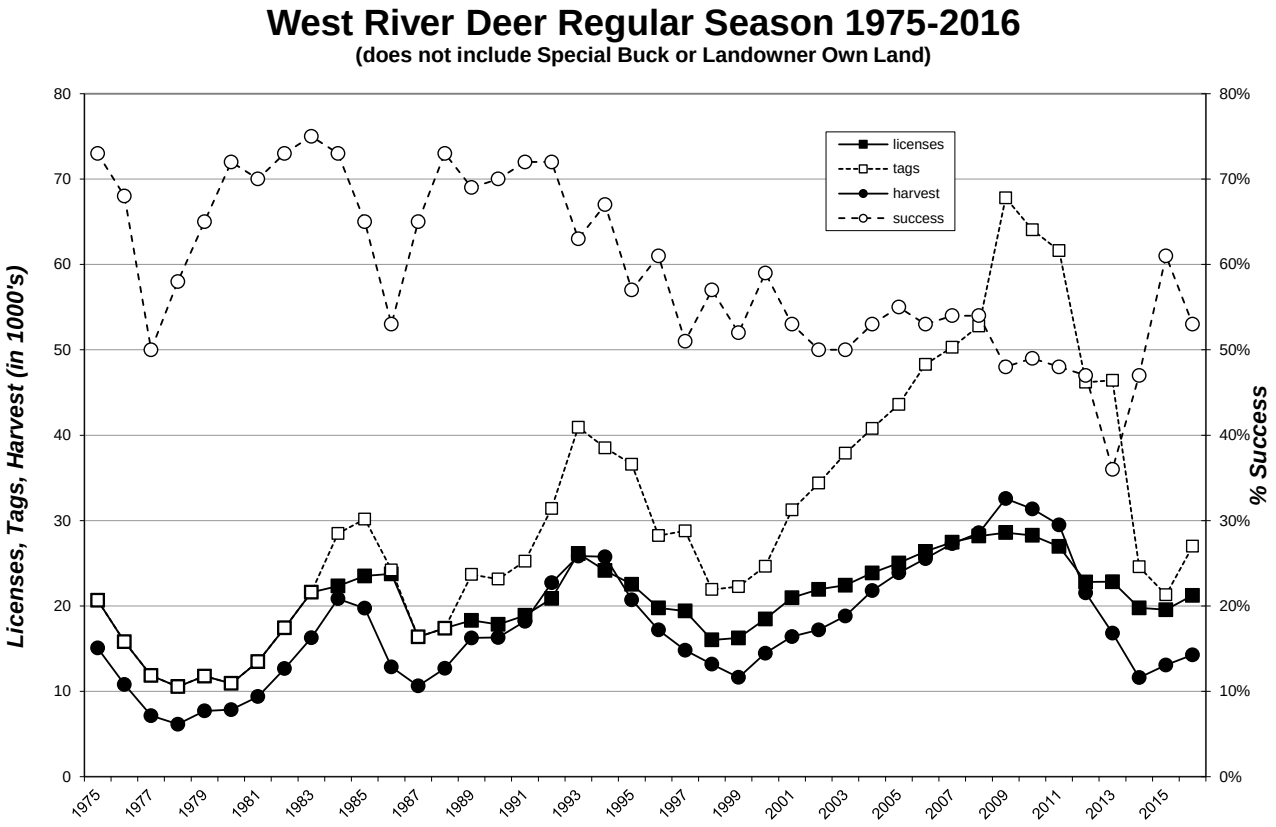
Last Revised:	Licenses									Harvest Projections								
9-Mar-17	Resident			Nonresident						Whitetail				Mule Deer				Total
	Appl. 1st			Appl. 1st			Response	Success		Bucks		Does		Bucks		Does		Deer
Unit/Type	Choice *	Avail.	Sold	Choice *	Avail.	Sold	Rate	1st tag	2nd tag	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Harvest
53A-01	836	300	299	119	24	24	81%	80%		102	0	0	0	142	0	6	0	258
53A-18	149	350	350	48	28	28	81%	62%	38%	226	10	132	7	3	3	3	0	378
53A-19	2	200	188	14	16	28	74%	47%	24%	4	14	137	20	0	0	0	0	173
53C-01	635	500	500	107	40	40	80%	74%		151	0	4	0	231	0	16	8	402
53C-18	80	400	387	33	32	45	73%	52%	31%	214	25	113	7	0	0	0	0	364
53C-19	2	300	245	14	24	77	69%	46%	20%	12	18	178	27	6	0	0	0	244
58A-01	684	150	151	81	12	12	88%	70%		24	0	2	0	81	0	4	0	113
58A-11	66	200	199	20	16	16	80%	45%		90	0	9	0	0	0	0	0	97
58A-13	10	200	202	1	16	14	72%	32%		0	11	49	9	0	0	0	0	69
58D-01	10	5	5	0	1	1	100%	67%		3	0	1	0	0	0	0	0	4
58D-03		5	5	1	1	1	83%	60%		0	2	1	0	0	0	0	0	4
60A-01	1,242	600	601	154	48	48	77%	61%		229	0	23	0	115	0	16	0	394
60A-11	154	700	700	90	56	56	77%	58%		363	10	52	0	12	0	0	0	440
60A-13	21	500	412	33	40	128	65%	48%		9	43	189	32	0	0	0	0	258
64A-01	273	300	300	73	24	24	79%	70%		119	0	15	2	81	0	8	0	226
64A-11	2	200	170	8	16	48	74%	46%		82	0	8	0	8	0	3	0	101
65A-01	79	75	75	19	6	6	75%	62%		27	0	1	0	21	0	1	0	50
67A-01	132	150	150	20	12	12	82%	67%		72	1	10	0	22	0	2	0	108
Totals	**20,728**	**19,765**	**19,221**	**3,483**	**1,585**	**2,016**	**77.1%**			**7,098**	**502**	**3,223**	**334**	**2,845**	**24**	**244**	**13**	**14,283**

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



2016 West River LOL Harvest Projections

Last Revised: 26-Apr-17

							Harvest Projections										
							Whitetail				Mule Deer				Total	Mean	Average
	Licenses		Tags	Response	Hunter	Tag	Bucks		Does		Bucks		Does		Deer	Satisfactn	Days
Unit/Type	Avail.	Sold	sold	Rate	Success	Success	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Harvest	Rating	Hunted
WR1-01	Unltd	854	854	71%	54%	54%	248	7	23	1	171	0	7	0	459	5.23	4.03
WR1-08	Unltd	1,402	2,804	67%	66%	46%	474	121	199	23	304	81	77	9	1,288	5.25	3.99
Totals		2,256	**3,658**	**68.6%**	**61%**	**48%**	**722**	**128**	**223**	**24**	**475**	**81**	**84**	**9**	**1,747**	**5.24**	**4.01**

2016 West River LOL Harvest Distribution by Management Unit

Last Revised: 26-Apr-17

	Reported Harvest									Projected Harvest									
	Whitetail				Mule Deer					Whitetail				Mule Deer					
	Bucks		Does		Bucks		Does			Bucks		Does		Bucks		Does			Total
Unit	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Total	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Estimate	%
02A (NE Penn/SE Meade)	14	1	6	2	15	0	2	3	43	21	2	9	3	23	0	3	5	65	3.7%
02C (SE Pennington)	9	0	4	0	8	1	4	0	26	14	0	6	0	12	2	6	0	39	2.3%
11A (N Bennett)	8	0	0	0	2	0	1	0	11	12	0	0	0	3	0	2	0	17	1.0%
11B (S Bennett)	4	1	1	0	7	3	1	0	17	6	2	2	0	11	5	2	0	26	1.5%
15A (Butte)	27	10	12	1	21	2	0	0	73	41	15	18	2	32	3	0	0	111	6.3%
15B (SW Butte/Lawrence)	22	5	9	2	8	2	1	0	49	33	8	14	3	12	3	2	0	74	4.3%
20A (Corson)	8	1	0	1	11	2	3	1	27	12	2	0	2	17	3	5	2	41	2.3%
21A (E Custer/S Penn)	10	2	2	0	8	1	0	0	23	15	3	3	0	12	2	0	0	35	2.0%
21B (C Custer/C Penn)	4	1	0	0	0	0	0	0	5	6	2	0	0	0	0	0	0	8	0.4%
24A (Dewey)	6	2	0	0	10	1	3	0	22	9	3	0	0	15	2	5	0	33	1.9%
27A (NW FRiver/SW Cust)	5	2	2	0	5	1	0	0	15	8	3	3	0	8	2	0	0	23	1.3%
27B (Fall River)	6	3	2	0	6	4	0	1	22	9	5	3	0	9	6	0	2	33	1.9%
30A,B (Gregory)	79	19	34	2	16	2	0	0	152	120	29	52	3	24	3	0	0	231	13.2%
31A (Haakon)	32	2	8	1	24	2	6	0	75	48	3	12	2	36	3	9	0	114	6.5%
35A (W Harding)	10	4	2	0	7	1	1	0	25	15	6	3	0	11	2	2	0	38	2.2%
35C (E Harding)	6	1	3	0	9	0	2	0	21	9	2	5	0	14	0	3	0	32	1.8%
39A (N Jackson)	10	0	1	0	8	0	0	0	19	15	0	2	0	12	0	0	0	29	1.6%
39B (S Jackson)	9	1	4	0	12	1	2	0	29	14	2	6	0	18	2	3	0	44	2.5%
41A (Jones)	14	4	4	0	13	1	2	0	38	21	6	6	0	20	2	3	0	58	3.3%
45A (W Lyman)	22	2	2	1	15	4	4	0	50	33	3	3	2	23	6	6	0	76	4.3%
45B (E Lyman)	2	1	0	0	2	1	0	0	6	3	2	0	0	3	2	0	0	9	0.5%
45C (NE Lyman/SE Stanley)	2	0	0	0	1	0	0	0	3	3	0	0	0	2	0	0	0	5	0.3%
45D (Ft Pr Nat Grslnd)	4	0	1	0	1	0	1	0	7	6	0	2	0	2	0	2	0	11	0.6%
49A (W Meade)	27	3	9	0	10	7	2	1	59	41	5	14	0	15	11	3	2	90	5.1%
49B (NE Meade)	19	1	6	1	19	2	3	0	51	29	2	9	2	29	3	5	0	77	4.4%
50A,B (Mellette)	13	2	3	0	5	2	2	0	27	20	3	5	0	8	3	3	0	41	2.3%
53A (N Perkins)	16	2	1	0	12	0	5	0	36	24	3	2	0	18	0	8	0	55	3.1%
53C (S Perkins)	7	1	5	1	14	7	3	0	38	11	2	8	2	21	11	5	0	58	3.3%
58A (Stanley)	13	1	3	2	18	1	2	0	40	20	2	5	3	27	2	3	0	61	3.5%
60A (Tripp)	51	10	17	0	17	2	4	0	101	77	15	26	0	26	3	6	0	153	8.8%
64A (Ziebach)	7	1	0	0	7	1	0	0	16	11	2	0	0	11	2	0	0	24	1.4%
65A (Oglala Lakota)	0	1	1	0	1	0	1	0	4	0	2	2	0	2	0	2	0	6	0.3%
67A (Todd)	11	0	3	2	3	2	0	0	21	17	0	5	3	5	3	0	0	32	1.8%
Unknown	3	0	1	0	1	0	0	0	5										
TOTALS	**480**	**84**	**146**	**16**	**316**	**53**	**55**	**6**	**1,156**	**722**	**128**	**223**	**24**	**475**	**81**	**84**	**9**	**1,747**	

Any by management unit projected harvest values will differ from statewide projected harvest values due to incorrect sampling proportions within units.
Use these figures for approximations only! All unknown harvest locations were assigned the license holder's county of residence, if possible.

2016 West River Special Buck Harvest Projections

Last Revised: 08-Mar-17	Licenses									Harvest Projections										
	Resident			Nonresident						Whitetail				Mule Deer						
	Appl. 1st			Appl. 1st						Bucks		Does		Bucks		Does				
Unit/Type	Choice *	Avail.	Sold	Choice *	Avail.	Sold	Tags sold	Response Rate	Tag Success	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Total Deer Harvest	Mean Satisfactn Rating	Average Days Hunted
WR-01	773	500	497	881	500	494	991	83%	81%	336	1	1	0	457	2	5	0	803	5.79	3.52

2016 West River Special Buck Harvest Distribution

Last Revised: 08-Mar-17	Reported Harvest									Projected Harvest									
	Whitetail				Mule Deer					Whitetail				Mule Deer					
	Bucks		Does		Bucks		Does			Bucks		Does		Bucks		Does		Total	
Unit	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Total	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Estimate	%
02A (NE Penn/SE Meade)	11	0	0	0	40	1	0	0	52	14	0	0	0	53	1	0	0	69	8.5%
02C (SE Pennington)	7	0	0	0	12	0	1	0	20	9	0	0	0	16	0	2	0	27	3.4%
11A (N Bennett)	3	0	0	0	2	0	0	0	5	4	0	0	0	3	0	0	0	6	0.8%
11B (S Bennett)	1	0	0	0	3	0	0	0	4	1	0	0	0	4	0	0	0	5	0.7%
15A (Butte)	11	0	0	0	23	0	0	0	34	14	0	0	0	31	0	0	0	45	5.6%
15B (SW Butte/Lawrence)	13	0	0	0	3	0	0	0	16	17	0	0	0	4	0	0	0	21	2.6%
20A (Corson)	4	0	0	0	16	0	0	0	20	5	0	0	0	21	0	0	0	26	3.3%
21A (E Custer/S Penn)	9	0	0	0	11	0	0	0	20	11	0	0	0	15	0	0	0	26	3.3%
21B (C Custer/C Penn)	2	0	0	0	2	0	0	0	4	3	0	0	0	3	0	0	0	5	0.6%
24A (Dewey)	2	0	0	0	1	0	0	0	3	3	0	0	0	1	0	0	0	4	0.5%
27A (NW FRiver/SW Cust)	3	0	0	0	6	0	0	0	9	4	0	0	0	8	0	0	0	12	1.5%
27B (Fall River)	9	0	0	0	7	0	0	0	16	11	0	0	0	9	0	0	0	21	2.6%
30A,B (Gregory)	45	1	1	0	6	0	0	0	53	57	1	1	0	8	0	0	0	68	8.4%
31A (Haakon)	10	0	0	0	20	0	0	0	30	13	0	0	0	27	0	0	0	39	4.9%
35A (W Harding)	10	0	0	0	30	1	0	0	41	13	0	0	0	40	1	0	0	54	6.7%
35C (E Harding)	5	0	0	0	12	0	0	0	17	6	0	0	0	16	0	0	0	22	2.8%
39A (N Jackson)	3	0	0	0	5	0	0	0	8	4	0	0	0	7	0	0	0	10	1.3%
39B (S Jackson)	11	0	0	0	15	0	1	0	27	14	0	0	0	20	0	2	0	36	4.5%
41A (Jones)	17	0	0	0	7	0	0	0	24	22	0	0	0	9	0	0	0	31	3.9%
45A (W Lyman)	9	0	0	0	7	0	0	0	16	11	0	0	0	9	0	0	0	21	2.6%
45B (E Lyman)	4	0	0	0	5	0	0	0	9	5	0	0	0	7	0	0	0	12	1.5%
45C (NE Lyman/SE Stanley)	3	0	0	0	2	0	0	0	5	4	0	0	0	3	0	0	0	6	0.8%
45D (Ft Pr Nat Grslnd)	0	0	0	0	1	0	0	0	1	0	0	0	0	1	0	0	0	1	0.2%
49A (W Meade)	9	0	0	0	12	0	0	0	21	11	0	0	0	16	0	0	0	27	3.4%
49B (NE Meade)	10	0	0	0	23	0	0	0	33	13	0	0	0	31	0	0	0	43	5.4%
50A,B (Mellette)	9	0	0	0	7	0	0	0	16	11	0	0	0	9	0	0	0	21	2.6%
53A (N Perkins)	6	0	0	0	7	0	0	0	13	8	0	0	0	9	0	0	0	17	2.1%
53C (S Perkins)	7	0	0	0	19	0	0	0	26	9	0	0	0	25	0	0	0	34	4.3%
58A (Stanley)	13	0	0	0	14	0	0	0	27	17	0	0	0	19	0	0	0	35	4.4%
60A (Tripp)	12	0	0	0	13	0	0	0	25	15	0	0	0	17	0	0	0	33	4.1%
64A (Ziebach)	5	0	0	0	9	0	0	0	14	6	0	0	0	12	0	0	0	18	2.3%
65A (Oglala Lakota)	0	0	0	0	2	0	0	0	2	0	0	0	0	3	0	0	0	3	0.3%
67A (Todd)	1	0	0	0	1	0	0	0	2	1	0	0	0	1	0	0	0	3	0.3%
Unknown	15	0	0	0	36	0	2	0	53										
TOTALS	**279**	**1**	**1**	**0**	**379**	**2**	**4**	**0**	**666**	**336**	**1**	**1**	**0**	**457**	**2**	**5**	**0**	**803**	

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

EAST RIVER FIREARM DEER

There were 31,807 licenses issued for the 2016 East River Firearm Deer season (26,238 regular, 549 Special Buck and 5,020 Landowner Own Land Only) for a total of 45,906 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, 2016 - January 8, 2017 for all unfilled antlerless deer tags.

A random sample of 12,667 hunters was taken from the regular East River season, 2,784 from the Landowner Own Land Only licenses, and all 549 Special Buck hunters. All hunters that listed an email address were surveyed using Qualtrics Software prior to sending paper surveys. Approximately 49% of regular season, 34% of Landowner Own Land, and 69% of Special Buck hunters surveyed through Qualtrics responded. All hunters who did not respond or did not supply an email address were mailed paper surveys which could be responded to either online or through the mail. Final response rates were 75% for regular East River Deer, 66% for Landowner Own Land and 82% for Special Buck. Of all responding hunters, 56% of regular East River, 41% of Landowner Own Land and 70% of Special Buck hunters responded through the Internet.

Respondents reported hunting an average of 4.16 days per hunter for the regular season, 4.49 days for Landowner Own Land and 5.09 days for Special Buck, resulting in a projected total of 134,371 recreation days for the entire East River season. Hunters reported harvesting approximately 93% of their deer during the regular season and 7% from December 31 - January 8.

The East River projected deer harvest was 16,163 for the regular season, 2,627 for Landowner Own Land, and 317 for the Special Buck season. Success rates were 43% for the regular season, 33% 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 50% and success for 2nd (antlerless only) tags was 31%. Success for “any antlerless deer and any antlerless deer” and “antlerless whitetail and antlerless whitetail” license 1st tags was 53% and success for 2nd tags was 28%.

The mean satisfaction score for those responding to the regular East River survey was 4.70, for the Landowner Own Land survey was 4.35, and for the Special Buck survey was 5.03 (1 = “very dissatisfied” and 7 = “very satisfied”).

Summary comparison of the 2008-2016 East River Deer seasons (including Special Buck and Landowner)

	Licenses Sold				***Harvest***							
	Resident		***Nonres***		***Bucks***		***Does***		***Total***		***Avg***	***Avg***
YEAR	***Lics***	***Tags***	***Lics***	***Tags***	***WT***	***Mule***	***WT***	***Mule***	***Harvest***	***Success***	***Days***	***Satis***
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
2012	37,865	58,693	1,419	2,813	13,522	383	14,153	337	28,394	46%	4.23	4.64
2013	37,137	56,030	1,366	2,715	10,733	278	10,592	256	21,858	37%	4.44	4.19
2014	31,037	37,835	912	1,326	12,213	376	6,673	86	19,347	49%	4.10	4.80
2015	32,287	40,420	836	1,276	13,060	369	7,331	104	20,866	50%	4.15	4.96
2016	31,048	44,311	759	1,595	10,659	359	7,972	117	19,107	42%	4.16	4.70

2016 East River Deer Harvest Projections

Last Revised:
27-Apr-17

	Licenses									Harvest Projections											
	Resident		Nonresident		Tags		Response	Hunter	Tag	Whitetail Bucks		Whitetail Does		Mule Deer Bucks		Mule Deer Does		Total Deer		Mean Satisf	Average Days
Unit	Avail.	Sold	Avail.	Sold	sold	Hunters	Rate	Success	Success	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Harvested	CI (95%)	Rating	Hunted
Minnehaha	650	642	leftovers	0	642	642	72%	37%	37%	145	8	78	3	0	0	0	0	234	+/-32	4.61	4.75
Brown	2,200	2,106	leftovers	62	2,168	2,014	74%	46%	45%	438	76	413	19	6	6	6	0	966	+/-109	4.61	4.55
Beadle	1,050	1,006	leftovers	0	1,249	1,006	73%	46%	41%	252	34	195	38	0	0	0	0	518	+/-63	4.52	4.53
Codington	250	244	leftovers	0	244	244	77%	47%	47%	89	0	21	2	0	0	3	0	114	+/-12	5.01	5.54
Brookings	550	543	leftovers	0	543	543	81%	50%	50%	188	9	65	7	0	0	2	0	270	+/-25	4.81	4.75
Yankton	250	220	leftovers	0	220	220	80%	49%	49%	82	4	21	0	1	0	0	0	109	+/-10	4.90	4.67
Yankton SW	75	69	leftovers	0	69	69	76%	50%	50%	0	5	24	5	0	0	0	0	35	+/-5	4.57	3.69
Davison	300	268	leftovers	0	268	268	70%	20%	20%	36	4	11	0	2	0	0	0	53	+/-12	3.55	4.63
Aurora	950	556	leftovers	0	983	556	69%	41%	29%	89	46	121	24	0	0	0	0	281	+/-48	3.98	3.91
Bon Homme	200	174	leftovers	0	174	174	81%	42%	42%	57	4	11	1	0	0	0	0	73	+/-8	4.47	4.42
Bon Homme SE	50	47	leftovers	0	47	47	70%	41%	41%	0	6	12	1	0	0	0	0	19	+/-5	5.26	2.47
Brule	1,150	971	leftovers	0	1,675	971	70%	39%	26%	190	30	152	19	46	4	4	0	444	+/-78	3.80	3.30
Buffalo	400	226	leftovers	0	354	226	66%	43%	32%	62	5	27	4	16	0	0	0	115	+/-20	4.19	2.69
Campbell	720	574	leftovers	115	1,358	642	72%	67%	44%	226	39	304	25	6	0	0	0	600	+/-70	5.14	4.15
Charles Mix	550	498	leftovers	0	498	498	77%	38%	38%	108	4	40	4	25	2	4	0	188	+/-24	3.98	3.02
Clark	600	596	leftovers	0	596	596	76%	52%	52%	260	3	43	5	0	0	0	0	311	+/-29	5.14	4.42
Clay	200	195	leftovers	0	195	195	80%	49%	49%	73	6	17	0	0	0	0	0	96	+/-9	4.95	4.80
Day	600	596	leftovers	0	596	596	75%	56%	56%	279	0	56	0	0	0	0	0	335	+/-30	5.03	4.30
Deuel	400	396	leftovers	0	396	396	81%	54%	54%	169	2	38	4	2	0	0	0	214	+/-18	4.84	4.77
Douglas	325	276	leftovers	0	276	276	77%	29%	29%	43	2	27	2	2	0	5	0	80	+/-12	3.31	3.67
Edmunds	1,300	1,164	leftovers	127	2,582	1,218	69%	63%	47%	371	118	625	91	0	5	0	0	1,209	+/-136	4.75	3.95
Faulk	1,400	1,142	leftovers	159	3,903	1,253	70%	63%	38%	294	106	840	207	0	0	18	0	1,464	+/-198	4.69	3.86
Grant	300	298	leftovers	0	298	298	81%	52%	52%	108	10	25	12	0	0	0	0	155	+/-14	5.03	5.25
Hamlin	600	598	leftovers	0	598	598	79%	47%	47%	217	5	56	5	0	0	0	0	283	+/-29	5.12	4.45
Hand	870	725	leftovers	0	1,431	725	74%	69%	49%	257	41	371	29	6	0	0	0	705	+/-72	5.31	3.66
Hanson	300	277	leftovers	0	277	277	75%	37%	37%	84	2	15	2	0	0	0	0	103	+/-13	4.06	4.51
Hughes	600	527	leftovers	0	663	527	78%	49%	44%	159	7	82	11	27	0	5	0	291	+/-32	4.89	4.03
Hutchinson	100	88	leftovers	0	88	88	89%	39%	39%	27	1	6	0	0	0	0	0	34	+/-3	4.39	4.79
Hyde	920	637	leftovers	44	1,342	667	68%	60%	40%	276	30	212	21	0	0	0	0	540	+/-71	4.85	3.38
Jerauld	700	435	leftovers	0	789	435	72%	45%	31%	113	18	107	9	0	0	0	0	246	+/-38	4.66	3.71
Kingsbury	700	691	leftovers	0	691	691	71%	45%	45%	215	18	74	6	0	0	0	0	312	+/-36	4.52	4.24
Lake	450	444	leftovers	0	444	444	77%	51%	51%	130	4	84	4	0	0	2	0	225	+/-22	4.72	5.18
Lincoln	200	196	leftovers	0	196	196	75%	45%	45%	63	3	20	2	0	0	0	0	87	+/-10	4.79	4.72
McCook	450	437	leftovers	0	437	437	75%	46%	46%	137	4	54	6	0	0	0	0	201	+/-22	4.62	4.82
McPherson	1,000	891	leftovers	98	1,978	964	75%	71%	55%	286	71	611	99	7	7	4	0	1,084	+/-99	5.20	3.68
Marshall	500	492	leftovers	0	492	492	71%	55%	55%	217	12	41	2	0	0	0	0	273	+/-26	5.01	4.31
Miner	900	792	leftovers	0	839	792	76%	35%	34%	163	9	109	6	0	0	0	0	287	+/-39	4.37	3.60
Moody	450	444	leftovers	0	444	444	81%	49%	49%	150	10	52	4	0	0	0	0	216	+/-21	5.00	4.55
Potter	1,050	931	leftovers	57	1,830	910	75%	63%	50%	329	20	453	67	24	0	13	7	913	+/-91	5.12	3.64
Roberts	500	498	leftovers	0	498	498	85%	55%	55%	207	10	53	4	0	0	0	0	274	+/-22	4.58	5.28
Sanborn	900	530	leftovers	0	574	530	69%	33%	31%	107	16	49	8	0	0	0	0	179	+/-29	4.14	3.89
Spink	1,300	1,249	leftovers	20	1,269	1,235	72%	54%	55%	423	26	240	13	0	0	0	0	703	+/-65	4.94	3.74
W Sully	550	438	leftovers	0	738	438	70%	58%	40%	154	12	60	5	65	2	0	0	297	+/-39	4.85	2.94
E Sully	470	349	leftovers	0	680	349	75%	59%	39%	152	12	93	8	0	0	0	0	264	+/-34	4.49	3.27
Turner	100	95	leftovers	0	95	95	74%	40%	40%	31	0	5	1	0	0	0	0	38	+/-6	4.51	5.03
Union	250	241	leftovers	0	241	241	82%	47%	47%	89	4	19	0	0	0	0	0	113	+/-11	5.02	4.57
Walworth	750	667	leftovers	77	1,436	713	76%	60%	43%	224	48	274	45	20	0	0	3	612	+/-70	4.99	3.47
Totals	**29,080**	**25,479**	**leftovers**	**759**	**37,404**	**25,734**	**74.6%**	**51%**	**43%**	**7,772**	**902**	**6,304**	**829**	**253**	**26**	**67**	**10**	**16,163**	**+/-1,861**	**4.70**	**4.16**

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

2016 East River Deer harvest by date

	Total	Nov 19 - Dec 4	Dec 31 - Jan 8
Reports	5,171	4,825	346
Percent of total		93%	7%
Projected	16,163	15,082	1,082

2016 East River Deer antlerless harvest by date

	Total	Nov 19 - Dec 4	Dec 31 - Jan 8
Percent of total		87%	13%
Projected	8,138	7,056	1,082

2016 East River Deer Harvest Projections

Last Revised:	Licenses									Harvest Projections								
28-Apr-17	Resident			Nonresident						Whitetail				Mule Deer				Total
	Appl. 1st					Response		Success		Bucks		Does		Bucks		Does		Deer
Unit/Type	Choice *	Avail.	Sold	Avail.	Sold	Rate	1st tag	2nd tag	3rd tag	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Harvest
01A-01	1,023	550	544	leftovers	0	73%	36%			145	3	47	3	0	0	0	0	197
01A-03	53	100	98	leftovers	0	63%	38%			0	6	31	0	0	0	0	0	37
03A-01	1,833	1,000	981	leftovers	0	80%	52%			432	0	76	6	6	0	0	0	512
03A-03	94	1,200	1,125	leftovers	62	66%	38%			7	76	336	13	0	6	6	0	454
04A-11	824	600	574	leftovers	0	75%	43%			225	3	23	7	0	0	0	0	249
04A-13	21	200	189	leftovers	0	73%	32%			0	7	44	7	0	0	0	0	60
04A-18	248	50	50	leftovers	0	64%	44%	44%		23	5	15	0	0	0	0	0	43
04A-19	41	200	193	leftovers	0	70%	61%	28%		4	19	113	24	0	0	0	0	167
05A-01	773	250	244	leftovers	0	77%	47%			89	0	21	2	0	0	3	0	114
06A-01	1,046	450	446	leftovers	0	81%	49%			186	5	21	7	0	0	0	0	220
06A-03	35	100	97	leftovers	0	79%	52%			2	4	44	0	0	0	2	0	51
07A-01	629	250	220	leftovers	0	80%	49%			82	4	21	0	1	0	0	0	109
07B-03	29	75	69	leftovers	0	76%	50%			0	5	24	5	0	0	0	0	35
08A-11	390	300	268	leftovers	0	70%	20%			36	4	11	0	2	0	0	0	53
10A-11	147	50	41	leftovers	0	81%	23%			7	0	2	0	0	0	0	0	9
10A-13	23	200	88	leftovers	0	70%	28%			0	9	14	2	0	0	0	0	25
10A-18	424	400	296	leftovers	0	64%	33%	31%		82	21	60	20	0	0	0	0	186
10A-19	27	300	131	leftovers	0	74%	37%	12%		0	15	45	2	0	0	0	0	61
12A-11	419	200	174	leftovers	0	81%	42%			57	4	11	1	0	0	0	0	73
12B-13	25	50	47	leftovers	0	70%	41%			0	6	12	1	0	0	0	0	19
13A-01	586	300	267	leftovers	0	71%	37%			48	4	0	0	46	0	4	0	100
13A-18	355	700	586	leftovers	0	69%	25%	23%		137	23	109	11	0	0	0	0	281
13A-19	26	150	118	leftovers	0	68%	37%	13%		4	4	43	8	0	4	0	0	63
14A-01	105	100	98	leftovers	0	76%	47%			31	0	1	0	16	0	0	0	46
14A-18	52	250	125	leftovers	0	56%	29%	21%		31	4	23	2	0	0	0	0	63
14A-19	2	50	3	leftovers	0	100%	100%	100%		0	1	3	1	0	0	0	0	6
16A-01	89	20	20	leftovers	0	71%	81%			13	0	0	0	6	0	0	0	16
16A-18	433	400	399	leftovers	0	74%	52%	36%		210	18	123	8	0	0	0	0	357
16A-19	9	300	155	leftovers	115	59%	59%	20%		4	21	181	17	0	0	0	0	227
17A-01	549	150	141	leftovers	0	76%	47%			23	0	12	0	25	0	4	0	66
17A-11	517	300	265	leftovers	0	79%	36%			85	2	8	2	0	2	0	0	95
17A-13	19	100	92	leftovers	0	72%	29%			0	2	21	2	0	0	0	0	26
18A-01	982	600	596	leftovers	0	76%	52%			260	3	43	5	0	0	0	0	311
19A-01	389	200	195	leftovers	0	80%	49%			73	6	17	0	0	0	0	0	96
22A-01	1,148	600	596	leftovers	0	75%	56%			279	0	56	0	0	0	0	0	335
23A-01	807	400	396	leftovers	0	81%	54%			169	2	38	4	2	0	0	0	214
25A-11	279	250	217	leftovers	0	78%	29%			43	0	17	0	2	0	2	0	64
25A-13	6	75	59	leftovers	0	73%	28%			0	2	10	2	0	0	3	0	16
26A-08	975	700	698	leftovers	0	71%	52%	32%		361	29	198	18	0	5	0	0	602
26A-09	35	600	466	leftovers	127	61%	58%	33%		11	89	427	72	0	0	0	0	607
28A-06	844	600	577	leftovers	0	72%	50%	50%	18%	289	49	340	49	0	0	0	0	725
28A-07	27	800	565	leftovers	159	65%	54%	29%	14%	5	56	500	157	0	0	18	0	739
29A-01	716	300	298	leftovers	0	81%	52%			108	10	25	12	0	0	0	0	155
32A-01	807	600	598	leftovers	0	79%	47%			217	5	56	5	0	0	0	0	283
33A-01	155	20	19	leftovers	0	100%	75%			9	0	0	0	6	0	0	0	14
33A-18	770	450	422	leftovers	0	69%	66%	31%		246	14	131	4	0	0	0	0	409
33A-19	22	400	284	leftovers	0	79%	62%	37%		2	27	240	26	0	0	0	0	281
34A-01	414	300	277	leftovers	0	75%	37%			84	2	15	2	0	0	0	0	103
36A-01	442	175	162	leftovers	0	79%	56%			59	0	4	0	27	0	2	0	90
36A-11	212	250	229	leftovers	0	80%	45%			100	0	4	2	0	0	0	0	104
36A-19	34	175	136	leftovers	0	74%	45%	27%		0	7	73	9	0	0	2	0	97
37A-11	355	100	88	leftovers	0	89%	39%			27	1	6	0	0	0	0	0	34
38A-01	100	20	20	leftovers	0	62%	38%			5	0	2	0	0	0	0	0	8
38A-18	378	500	477	leftovers	0	69%	56%	24%		267	5	104	11	0	0	0	0	382
38A-19	6	400	140	leftovers	44	63%	56%	29%		4	25	105	10	0	0	0	0	151
40A-11	110	50	49	leftovers	0	70%	40%			15	2	0	2	0	0	0	0	19
40A-13	4	50	32	leftovers	0	67%	30%			0	0	10	0	0	0	0	0	10
40A-18	374	350	303	leftovers	0	73%	34%	26%		96	11	73	4	0	0	0	0	184
40A-19	8	250	51	leftovers	0	74%	43%	17%		2	5	24	2	0	0	0	0	34
42A-01	1,001	500	493	leftovers	0	73%	47%			211	3	24	0	0	0	0	0	233
42A-03	68	200	198	leftovers	0	67%	40%			3	15	49	6	0	0	0	0	78
43A-01	720	350	347	leftovers	0	75%	52%			129	2	47	0	0	0	0	0	181
43A-03	42	100	97	leftovers	0	85%	46%			2	2	37	4	0	0	2	0	45
44A-01	573	200	196	leftovers	0	75%	45%			63	3	20	2	0	0	0	0	87
46A-01	791	350	343	leftovers	0	78%	49%			137	4	27	3	0	0	0	0	167
46A-03	35	100	94	leftovers	0	60%	36%			0	0	26	3	0	0	0	0	34
47A-08	849	500	497	leftovers	0	74%	61%	45%		275	31	202	14	7	0	0	0	525
47A-09	30	500	394	leftovers	98	74%	66%	43%		11	39	409	85	0	7	4	0	559
48A-01	829	500	492	leftovers	0	71%	55%			217	12	41	2	0	0	0	0	273
51A-01	680	400	387	leftovers	0	79%	48%			163	6	14	6	0	0	0	0	186
51A-03	29	450	358	leftovers	0	74%	20%			0	3	66	0	0	0	0	0	72
51A-09	35	50	47	leftovers	0	67%	38%	25%		0	0	29	0	0	0	0	0	30
52A-01	652	350	347	leftovers	0	85%	48%			150	5	13	2	0	0	0	0	165
52A-03	16	100	97	leftovers	0	66%	52%			0	5	39	2	0	0	0	0	51
54A-01	270	150	146	leftovers	0	76%	55%			45	0	8	0	24	0	0	0	81
54A-18	591	500	496	leftovers	0	74%	59%	38%		284	10	194	4	0	0	0	0	501
54A-19	17	400	289	leftovers	57	71%	53%	28%		0	10	251	63	0	0	13	7	331

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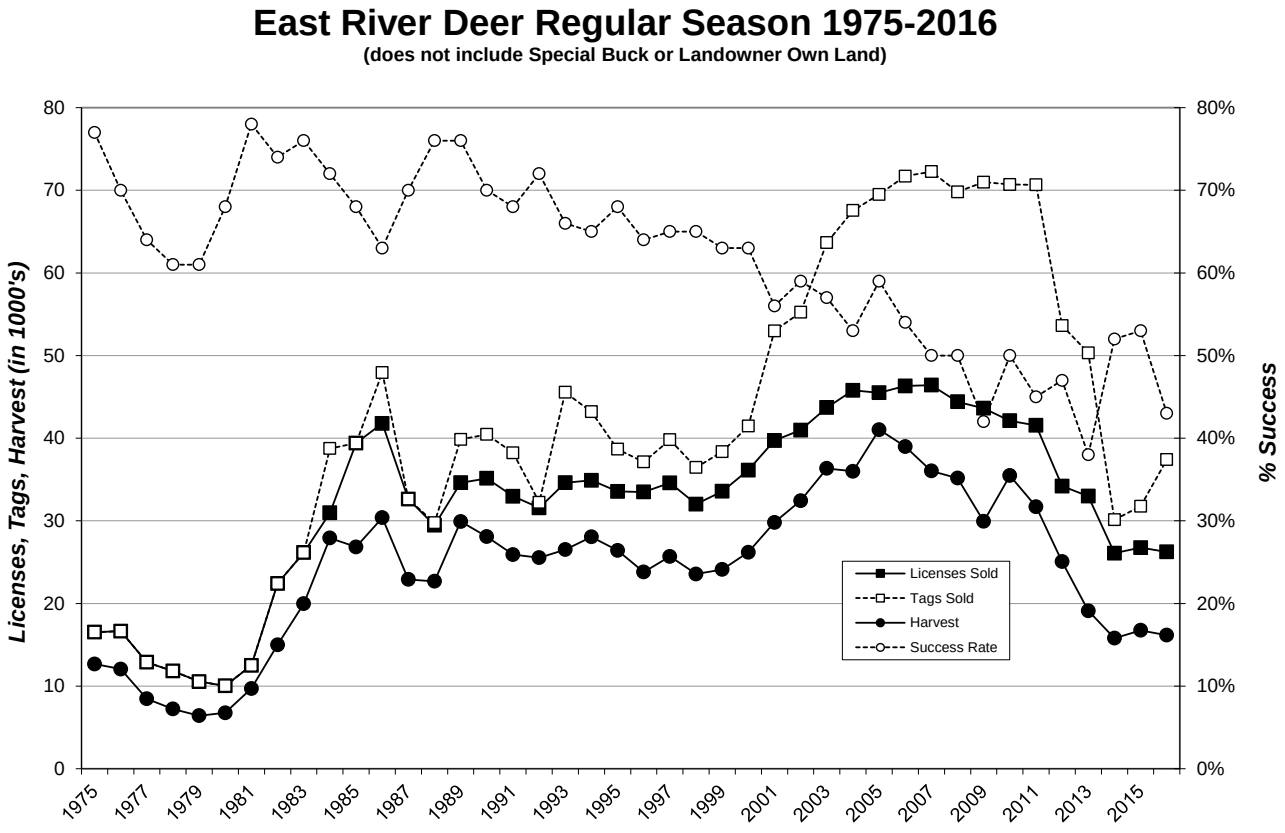
Last Revised:	Licenses									Harvest Projections								
28-Apr-17	Resident			Nonresident						Whitetail				Mule Deer				Total
	Appl. 1st					Response		Success		Bucks		Does		Bucks		Does		Deer
Unit/Type	Choice *	Avail.	Sold	Avail.	Sold	Rate	1st tag	2nd tag	3rd tag	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Harvest
55A-01	915	500	498	leftovers	0	85%	55%			207	10	53	4	0	0	0	0	274
56A-11	475	400	369	leftovers	0	70%	34%			107	2	16	5	0	0	0	0	126
56A-13	19	450	117	leftovers	0	68%	33%			0	11	23	3	0	0	0	0	39
56A-19	19	50	44	leftovers	0	57%	25%	6%		0	2	10	0	0	0	0	0	14
57A-01	1,154	900	882	leftovers	0	71%	58%			415	0	77	5	0	0	0	0	511
57A-03	39	400	367	leftovers	20	73%	49%			8	26	163	8	0	0	0	0	191
59A-01	495	150	138	leftovers	0	74%	61%			17	0	0	0	65	2	0	0	85
59A-18	228	250	222	leftovers	0	69%	60%	20%		135	9	33	2	0	0	0	0	178
59A-19	10	150	78	leftovers	0	67%	31%	13%		2	2	27	2	0	0	0	0	34
59B-01	27	20	18	leftovers	0	86%	42%			8	0	0	0	0	0	0	0	7
59B-18	268	350	308	leftovers	0	75%	49%	31%		145	12	84	8	0	0	0	0	247
59B-19	13	100	23	leftovers	0	59%	30%	10%		0	0	9	0	0	0	0	0	9
61A-01	484	100	95	leftovers	0	74%	40%			31	0	5	1	0	0	0	0	38
62A-01	648	250	241	leftovers	0	82%	47%			89	4	19	0	0	0	0	0	113
63A-01	209	50	52	leftovers	0	86%	44%			8	0	0	0	20	0	0	0	23
63A-18	455	400	396	leftovers	0	72%	60%	36%		215	18	123	18	0	0	0	0	381
63A-19	17	300	219	leftovers	77	77%	45%	22%		0	30	151	27	0	0	0	3	208
Totals	**33,948**	**29,080**	**25,479**	**leftovers**	**759**	**74.2%**	**1st tag**	**2nd tag**		**7,772**	**902**	**6,304**	**829**	**253**	**26**	**67**	**10**	**16,163**
						Type 08/18=	**50%**	**31%**										
						Type 09/19=	**53%**	**28%**										

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



2016 East River LOL Harvest Projections

Last Revised: 28-Apr-17

							Harvest Projections										
							Whitetail				Mule Deer				Total	Mean	Average
	Licenses		Tags	Response	Hunter	Tag	Bucks		Does		Bucks		Does		Deer	Satisfactn	Days
Unit	Avail.	Sold	sold	Rate	Success	Success	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Harvest	Rating	Hunted
ER1-01	Unltd	2,087	2,087	66%	32%	32%	564	6	53	8	25	0	3	0	658	4.23	4.37
ER1-08	Unltd	2,933	5,866	66%	50%	34%	1,043	84	710	65	27	3	27	11	1,969	4.44	4.58
Totals		5,020	**7,953**	**66.0%**	**42%**	**33%**	**1,607**	**89**	**762**	**73**	**52**	**3**	**30**	**11**	**2,627**	**4.35**	**4.49**

2016 East River LOL Harvest Distribution by Management Unit

Last Revised: 01-May-17

	Reported Harvest									Projected Harvest									
	Whitetail				Mule Deer					Whitetail				Mule Deer					
	Bucks		Does		Bucks		Does			Bucks		Does		Bucks		Does			Total
Unit	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Total	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Estimate	%
01A (Minnehaha)	12	2	11	1	0	0	0	0	26	33	5	30	3	0	0	0	0	71	2.7%
03A (Brown)	24	0	9	3	0	0	0	0	36	65	0	24	8	0	0	0	0	98	3.7%
04A (Beadle)	37	2	10	2	0	0	1	0	52	101	5	27	5	0	0	3	0	142	5.4%
05A (Codington)	26	1	15	1	0	0	0	0	43	71	3	41	3	0	0	0	0	117	4.5%
06A (Brookings)	19	2	10	0	0	0	0	0	31	52	5	27	0	0	0	0	0	84	3.2%
07A (Yankton)	16	1	7	1	0	0	0	0	25	44	3	19	3	0	0	0	0	68	2.6%
08A (Davison)	5	0	2	0	0	0	0	0	7	14	0	5	0	0	0	0	0	19	0.7%
10A (Aurora)	8	0	5	1	0	0	0	0	14	22	0	14	3	0	0	0	0	38	1.5%
12A (Bon Homme)	4	0	4	0	0	0	1	0	9	11	0	11	0	0	0	3	0	24	0.9%
13A (Brule)	4	0	1	1	3	0	2	0	11	11	0	3	3	8	0	5	0	30	1.1%
14A (Buffalo)	4	0	0	0	0	0	0	0	4	11	0	0	0	0	0	0	0	11	0.4%
16A (Campbell)	8	0	3	0	2	0	2	0	15	22	0	8	0	5	0	5	0	41	1.6%
17A (Charles Mix)	17	0	9	0	3	0	1	0	30	46	0	24	0	8	0	3	0	82	3.1%
18A (Clark)	23	0	14	2	0	0	0	0	39	63	0	38	5	0	0	0	0	106	4.0%
19A (Clay)	7	1	3	0	0	0	0	0	11	19	3	8	0	0	0	0	0	30	1.1%
22A (Day)	18	2	9	0	0	0	0	0	29	49	5	24	0	0	0	0	0	79	3.0%
23A (Deuel)	12	1	4	0	0	0	0	0	17	33	3	11	0	0	0	0	0	46	1.8%
25A (Douglas)	1	0	0	0	0	0	0	0	1	3	0	0	0	0	0	0	0	3	0.1%
26A (Edmunds)	7	0	6	0	0	0	0	0	13	19	0	16	0	0	0	0	0	35	1.3%
28A (Faulk)	12	0	7	1	0	0	0	0	20	33	0	19	3	0	0	0	0	54	2.1%
29A (Grant)	23	0	13	0	0	0	0	1	37	63	0	35	0	0	0	0	3	101	3.8%
32A (Hamlin)	14	2	8	0	0	0	0	0	24	38	5	22	0	0	0	0	0	65	2.5%
33A (Hand)	36	1	7	0	1	0	0	1	46	98	3	19	0	3	0	0	3	125	4.8%
34A (Hanson)	9	1	9	0	0	0	0	0	19	25	3	24	0	0	0	0	0	52	2.0%
36A (Hughes)	10	0	4	0	5	0	3	0	22	27	0	11	0	14	0	8	0	60	2.3%
37A (Hutchinson)	18	2	5	0	1	0	0	0	26	49	5	14	0	3	0	0	0	71	2.7%
38A (Hyde)	7	3	2	0	1	0	0	0	13	19	8	5	0	3	0	0	0	35	1.3%
40A (Jerauld)	10	2	3	2	0	0	0	0	17	27	5	8	5	0	0	0	0	46	1.8%
42A (Kingsbury)	10	1	7	0	0	0	0	0	18	27	3	19	0	0	0	0	0	49	1.9%
43A (Lake)	10	0	2	1	0	0	0	0	13	27	0	5	3	0	0	0	0	35	1.3%
44A (Lincoln)	1	0	2	0	0	0	0	0	3	3	0	5	0	0	0	0	0	8	0.3%
46A (McCook)	16	0	2	1	0	0	0	0	19	44	0	5	3	0	0	0	0	52	2.0%
47A (McPherson)	7	1	9	3	0	0	0	0	20	19	3	24	8	0	0	0	0	54	2.1%
48A (Marshall)	8	0	5	0	0	0	0	0	13	22	0	14	0	0	0	0	0	35	1.3%
51A (Miner)	14	1	4	0	0	0	0	0	19	38	3	11	0	0	0	0	0	52	2.0%
52A (Moody)	5	0	8	2	0	0	0	0	15	14	0	22	5	0	0	0	0	41	1.6%
54A (Potter)	15	0	6	0	1	0	1	0	23	41	0	16	0	3	0	3	0	63	2.4%
55A (Roberts)	35	2	20	2	0	0	0	0	59	95	5	54	5	0	0	0	0	161	6.1%
56A (Sanborn)	9	0	3	0	0	0	0	0	12	25	0	8	0	0	0	0	0	33	1.2%
57A (Spink)	32	0	9	2	0	0	0	0	43	87	0	24	5	0	0	0	0	117	4.5%
59A (W Sully)	4	1	0	0	0	0	0	0	5	11	3	0	0	0	0	0	0	14	0.5%
59B (E Sully)	3	0	2	0	0	0	0	0	5	8	0	5	0	0	0	0	0	14	0.5%
61A (Turner)	12	0	10	0	0	0	0	0	22	33	0	27	0	0	0	0	0	60	2.3%
62A (Union)	10	2	6	1	0	0	0	0	19	27	5	16	3	0	0	0	0	52	2.0%
63A (Walworth)	7	2	6	0	2	1	0	2	20	19	5	16	0	5	3	0	5	54	2.1%
Unknown	0	0	0	0	0	0	0	0	0										
TOTALS	**589**	**33**	**281**	**27**	**19**	**1**	**11**	**4**	**965**	**1,607**	**89**	**762**	**73**	**52**	**3**	**30**	**11**	**2,627**	

Any by management unit projected harvest values will differ from statewide projected harvest values due to incorrect sampling proportions within units.

Use these figures for approximations only! All unknown harvest locations were assigned the license holder's county of residence, if possible.

2016 East River Special Buck Harvest Projections

Last Revised: 13-Mar-17						Harvest Projections										
						Whitetail				Mule Deer						
	Appl. 1st	Resident Licenses		Response	Tag	Bucks		Does		Bucks		Does		Total	Mean	Average
Unit/Type	Choice *	Avail.	Sold	Rate	Success	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Deer Harvest	Satisfactn Rating	Days Hunted
ER-01	1,010	556	549	82%	58%	285	4	2	1	24	0	0	0	317	5.03	5.09

2016 East River Special Buck Harvest Distribution

Last Revised: 13-Mar-17	Reported Harvest									Projected Harvest									
	Whitetail				Mule Deer					Whitetail				Mule Deer					
	Bucks		Does		Bucks		Does			Bucks		Does		Bucks		Does		Total	
Unit	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Total	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Estimate	%
01A (Minnehaha)	10	1	0	0	0	0	0	0	11	12	1	0	0	0	0	0	0	14	4.3%
03A (Brown)	18	0	0	0	0	0	0	0	18	22	0	0	0	0	0	0	0	22	7.1%
04A (Beadle)	5	0	0	0	0	0	0	0	5	6	0	0	0	0	0	0	0	6	2.0%
05A (Codington)	10	0	1	0	0	0	0	0	11	12	0	2	0	0	0	0	0	15	4.7%
06A (Brookings)	7	0	0	0	0	0	0	0	7	9	0	0	0	0	0	0	0	9	2.8%
07A (Yankton)	8	0	0	0	0	0	0	0	8	10	0	0	0	0	0	0	0	10	3.2%
08A (Davison)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
10A (Aurora)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
12A (Bon Homme)	4	0	0	0	0	0	0	0	4	5	0	0	0	0	0	0	0	5	1.6%
13A (Brule)	0	0	0	0	2	0	0	0	2	0	0	0	0	2	0	0	0	2	0.8%
14A (Buffalo)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
16A (Campbell)	3	0	0	0	0	0	0	0	3	4	0	0	0	0	0	0	0	4	1.2%
17A (Charles Mix)	4	0	0	0	6	0	0	0	10	5	0	0	0	7	0	0	0	12	3.9%
18A (Clark)	7	0	0	0	0	0	0	0	7	9	0	0	0	0	0	0	0	9	2.8%
19A (Clay)	4	0	0	0	0	0	0	0	4	5	0	0	0	0	0	0	0	5	1.6%
22A (Day)	12	0	0	0	0	0	0	0	12	15	0	0	0	0	0	0	0	15	4.7%
23A (Deuel)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
25A (Douglas)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
26A (Edmunds)	5	0	0	0	0	0	0	0	5	6	0	0	0	0	0	0	0	6	2.0%
28A (Faulk)	9	0	0	0	0	0	0	0	9	11	0	0	0	0	0	0	0	11	3.6%
29A (Grant)	8	0	0	0	0	0	0	0	8	10	0	0	0	0	0	0	0	10	3.2%
32A (Hamlin)	5	0	0	0	0	0	0	0	5	6	0	0	0	0	0	0	0	6	2.0%
33A (Hand)	9	0	0	0	2	0	0	0	11	11	0	0	0	2	0	0	0	14	4.3%
34A (Hanson)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
36A (Hughes)	6	0	0	0	2	0	0	0	8	7	0	0	0	2	0	0	0	10	3.1%
37A (Hutchinson)	3	0	0	0	0	0	0	0	3	4	0	0	0	0	0	0	0	4	1.2%
38A (Hyde)	3	0	0	0	0	0	0	0	3	4	0	0	0	0	0	0	0	4	1.2%
40A (Jerauld)	6	0	0	0	0	0	0	0	6	7	0	0	0	0	0	0	0	7	2.4%
42A (Kingsbury)	8	0	0	0	0	0	0	0	8	10	0	0	0	0	0	0	0	10	3.2%
43A (Lake)	6	0	0	0	0	0	0	0	6	7	0	0	0	0	0	0	0	7	2.4%
44A (Lincoln)	6	0	0	0	0	0	0	0	6	7	0	0	0	0	0	0	0	7	2.4%
46A (McCook)	2	0	0	1	0	0	0	0	3	2	0	0	1	0	0	0	0	4	1.2%
47A (McPherson)	6	0	0	0	0	0	0	0	6	7	0	0	0	0	0	0	0	7	2.4%
48A (Marshall)	5	0	0	0	0	0	0	0	5	6	0	0	0	0	0	0	0	6	2.0%
51A (Miner)	3	0	0	0	0	0	0	0	3	4	0	0	0	0	0	0	0	4	1.2%
52A (Moody)	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0.4%
54A (Potter)	7	0	0	0	2	0	0	0	9	9	0	0	0	2	0	0	0	11	3.5%
55A (Roberts)	3	1	0	0	0	0	0	0	4	4	1	0	0	0	0	0	0	5	1.6%
56A (Sanborn)	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0.4%
57A (Spink)	9	0	0	0	0	0	0	0	9	11	0	0	0	0	0	0	0	11	3.6%
59A (W Sully)	8	0	0	0	5	0	0	0	13	10	0	0	0	6	0	0	0	16	5.1%
59B (E Sully)	3	0	0	0	0	0	0	0	3	4	0	0	0	0	0	0	0	4	1.2%
61A (Turner)	3	0	0	0	0	0	0	0	3	4	0	0	0	0	0	0	0	4	1.2%
62A (Union)	8	1	0	0	0	0	0	0	9	10	1	0	0	0	0	0	0	11	3.5%
63A (Walworth)	3	0	0	0	1	0	0	0	4	4	0	0	0	1	0	0	0	5	1.6%
Unknown	5	0	1	0	0	0	0	0	6										
TOTALS	**233**	**3**	**2**	**1**	**20**	**0**	**0**	**0**	**259**	**285**	**4**	**2**	**1**	**24**	**0**	**0**	**0**	**317**	

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

NATIONAL WILDLIFE REFUGE DEER

There were a total of 219 licenses issued for the 2016 Wildlife Refuge Deer seasons, which included 163 at Sand Lake (150 residents and 13 nonresidents); 23 at Lacreek (20 residents and 3 nonresidents); and 33 at Waubay (30 residents and 3 nonresidents).

All license-holders for each season were surveyed and response rates for Sand Lake, Lacreek, and Waubay refuges were 81%, 78%, and 73%, respectively. Approximately 65% of survey respondents did so through the Internet.

The seasons had different opening dates at each refuge. The average days hunted were 2.60 at Sand Lake, 2.50 at Lacreek and 2.29 at Waubay.

The reported harvest at the refuges consisted of only white-tailed deer. The projected harvest for Sand Lake was 33 bucks and 16 does, for Lacreek was 7 bucks and 1 doe, and for Waubay was 8 bucks and 1 doe. The projected success rate for Sand Lake was 30%, for Lacreek was 34%, and for Waubay was 29%.

Harvest summaries for 2007-2016 National Wildlife Refuge Deer Seasons

Sand Lake National Wildlife Refuge

YEAR	LICENSES	BUCKS	DOES	% SUCCESS	AVG DAYS HUNTED
2007	436	112	94	36%	2.68
2008	399	99	135	29%	3.39
2009	275	67	76	26%	2.88
2010	272	64	63	23%	2.86
2011	220	33	59	21%	3.30
2012	128	35	11	36%	2.54
2013	132	42	22	48%	2.48
2014	133	50	5	42%	2.34
2015	165	52	10	37%	2.89
2016	163	33	16	30%	2.60

Lacreek National Wildlife Refuge

YEAR	LICENSES	BUCKS	DOES	% SUCCESS	AVG DAYS HUNTED
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%	2.93
2012	48	14	19	47%	2.38
2013	48	11	4	22%	1.97
2014	34	8	0	24%	3.10
2015	34	12	0	35%	2.71
2016	23	7	1	34%	2.50

Waubay National Wildlife Refuge

YEAR	LICENSES	BUCKS	DOES	% SUCCESS	AVG DAYS HUNTED
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
2012	51	17	2	38%	1.76
2013	51	15	1	31%	1.71
2014	33	8	2	32%	1.54
2015	33	8	0	24%	2.10
2016	33	8	1	29%	2.29

2016 Sand Lake Refuge Deer Harvest Projections

Last Revised:	Licenses								Harvest Projections						
30-Mar-17	Resident			Nonresident					Whitetail				Total	Mean	Avg
	Appl. 1st			Appl. 1st			Response	Tag	Bucks		Does		Deer	Satisf	Days
Unit/Type	Choice *	Available	Sold	Choice *	Available	Sold	Rate	Success	Adult	Fawn	Adult	Fawn	Harvested	Score	Hunted
SL1-01	160	20	20	17	2	2	77%	53%	12	0	0	0	12	4.94	3.18
SL1-03	1	10	11	0	1	0	82%	22%	0	0	2	0	2	5.13	3.00
SL2-01	184	20	20	18	2	2	81%	35%	6	0	1	0	8	4.81	3.00
SL2-03	5	10	9	1	1	1	89%	13%	0	0	1	0	1	4.00	2.38
SL3-01	79	20	20	9	2	2	73%	25%	3	1	1	0	6	4.47	2.94
SL3-03	5	10	10	1	1	1	91%	40%	0	2	2	0	4	4.89	2.10
SL4-01	27	20	20	5	2	2	91%	15%	1	0	2	0	3	4.75	2.45
SL4-03	1	10	10	0	1	1	82%	33%	0	1	1	1	4	4.60	1.33
SL5-01	74	20	20	6	2	1	86%	33%	6	0	1	0	7	5.67	2.56
SL5-03	4	10	10	2	1	1	64%	14%	0	0	2	0	2	4.00	2.00
Licenses	**540**	**150**	**150**	**59**	**15**	**13**	**81.4%**	**30%**	**28**	**5**	**15**	**1**	**49**	**4.81**	**2.60**

2016 Lacreek Refuge Deer Harvest Projections

	Licenses								Harvest Projections						
	Resident			Nonresident					Whitetail				Total	Mean	Avg
	Appl. 1st			Appl. 1st			Response	Tag	Bucks		Does		Deer	Satisf	Days
Unit/Type	Choice *	Available	Sold	Choice *	Available	Sold	Rate	Success	Adult	Fawn	Adult	Fawn	Harvested	Score	Hunted
LC1-01	166	5	5	5	1	1	50%	0%	0	0	0	0	0	6.00	3.00
LC2-01	278	15	15	19	2	2	88%	47%	7	0	0	1	8	5.50	2.40
Licenses	**444**	**20**	**20**	**24**	**3**	**3**	**78.3%**	**34%**	**7**	**0**	**0**	**1**	**8**	**5.58**	**2.50**

All units require the use of muzzleloader firearms.

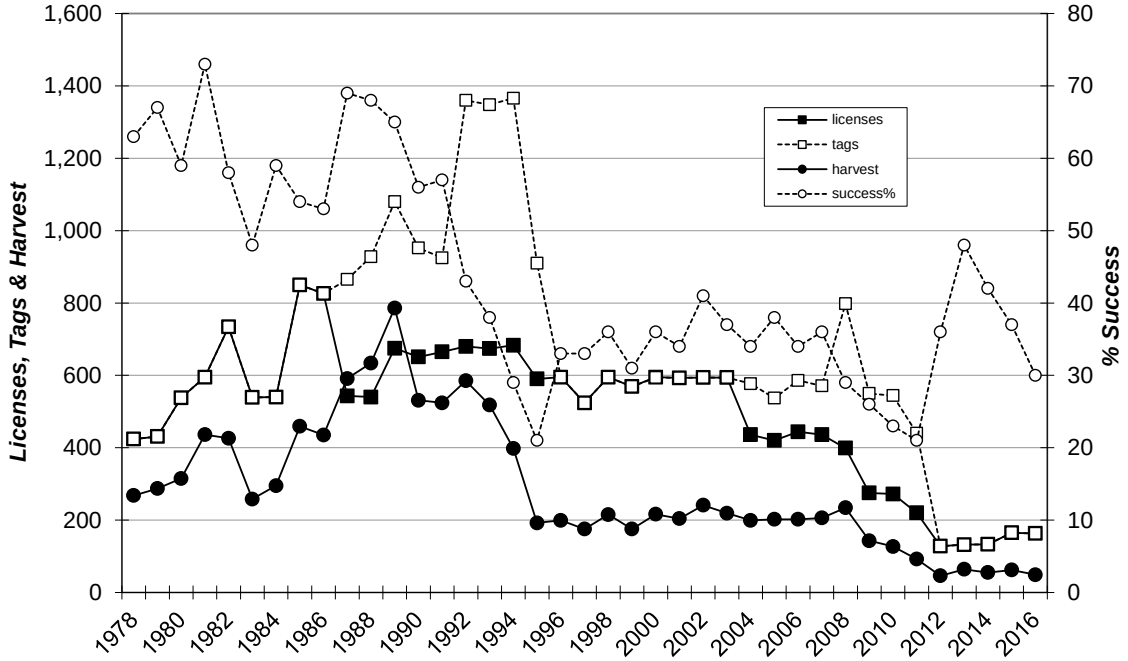
2016 Waubay Refuge Deer Harvest Projections

	Licenses								Harvest Projections						
	Resident			Nonresident					Whitetail				Total	Mean	Avg
	Appl. 1st			Appl. 1st			Response	Tag	Bucks		Does		Deer	Satisf	Days
Unit/Type	Choice *	Available	Sold	Choice *	Available	Sold	Rate	Success	Adult	Fawn	Adult	Fawn	Harvested	Score	Hunted
WA1-01	73	10	10	5	1	1	73%	38%	4	0	0	0	4	5.38	3.38
WA2-01	22	10	10	0	1	1	73%	0%	0	0	0	0	0	4.75	2.25
WA3-01	67	10	10	2	1	1	73%	50%	4	0	1	0	6	5.33	1.25
Licenses	**162**	**30**	**30**	**7**	**3**	**3**	**72.7%**	**29%**	**8**	**0**	**1**	**0**	**10**	**5.15**	**2.29**

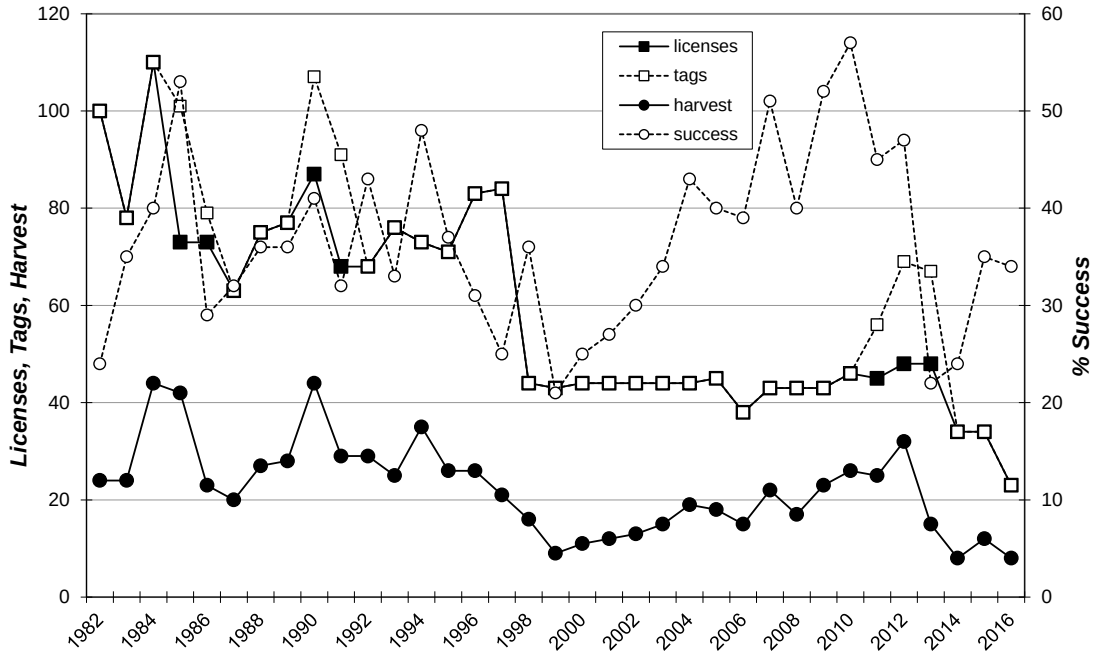
Response rate for all units combined was: **79.7%**

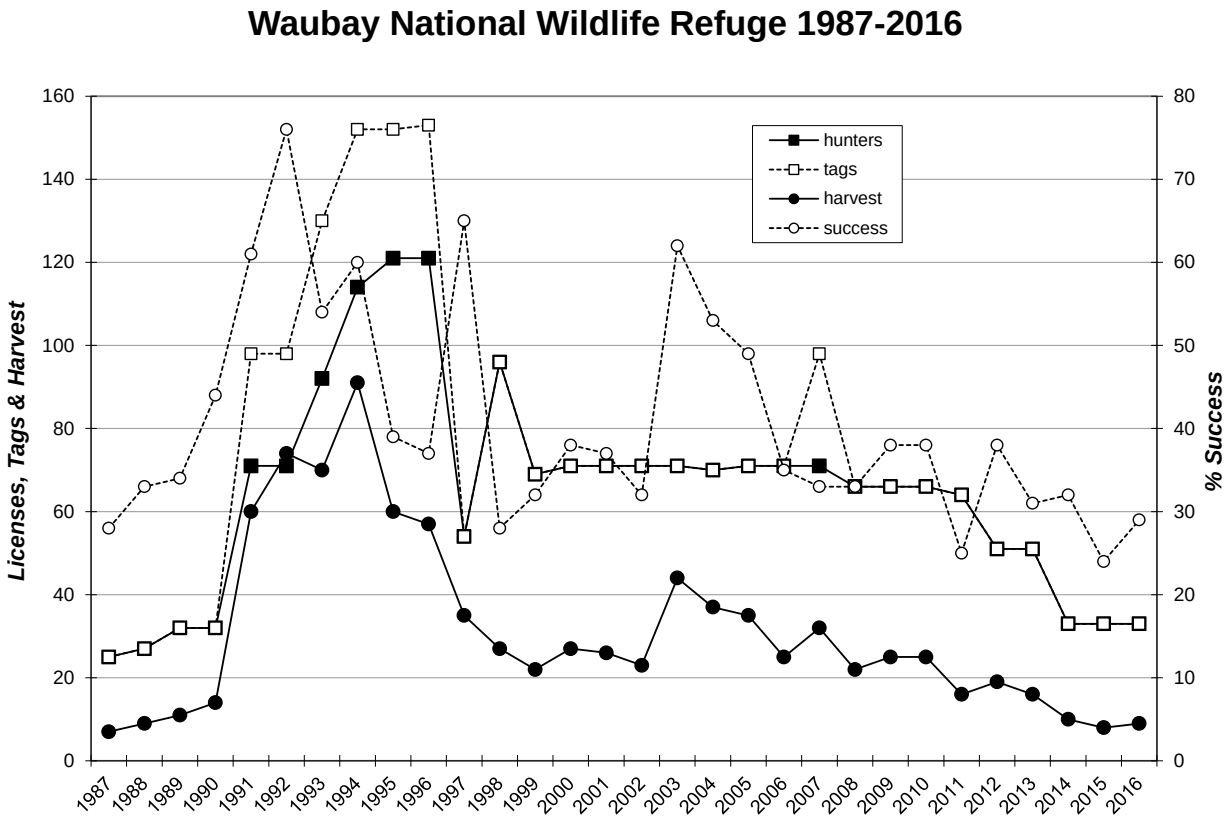
* Number of 1st drawing applicants with that season as 1st choice.

Sand Lake National Wildlife Refuge 1978-2016



Lacreek National Wildlife Refuge 1982-2016




Waubay National Wildlife Refuge 1987-2016
Licenses, Tags & Harvest
% Success
hunters
tags
harvest
success
0
20
40
60
80
100
120
140
160
0
10
20
30
40
50
60
70
80
1987
1988
1989
1990
1991
1992
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1994
1995
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2011
2012
2013
2014
2015
2016

BLACK HILLS DEER

There were 4,445 single-tag licenses issued for the 2016 Black Hills Deer season (4,120 resident, 325 nonresident).

A random sample of 1,661 hunters was taken (37% of license holders) and there were 1,325 responses for an 80% return rate. Approximately 70% of responses were received through the Internet.

The season ran the month of November, a total of 30 days. Those responding reported hunting an average of 4.38 days, which projected to 19,484 recreation days for the season.

The mean satisfaction score for all combined units was 5.76 on a scale ranging from 1 = "very dissatisfied" to 7 = "very satisfied".

The harvest projection for the Black Hills Deer season was 3,198 deer (2,508 adult whitetail bucks, 96 fawn whitetail bucks, 456 adult whitetail does, 49 fawn whitetail does, 86 adult mule deer bucks, and 2 adult mule deer does. The overall season harvest success rate was 72%.

Including the estimated Black Hills harvest of 1,818 deer from the Archery, Youth, Mentored Youth, and Muzzleloader seasons, approximately 5,016 deer were harvested in the Black Hills proper.

Harvest summaries for the 2008-2016 Black Hills Deer seasons

	Licenses Sold		Harvest						Avg	
			Bucks		Does				Days	Avg
YEAR	Resident	Nonres	WT	Mule	WT	Mule	Total	Success	Hunted	Satis
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	2,300	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
2012	3,337	243	2,008	88	289	6	2,391	67%	4.23	5.22
2013	3,330	261	1,912	62	318	2	2,294	64%	4.68	5.27
2014	3,242	252	2,076	59	275	0	2,410	69%	4.82	5.48
2015	3,741	294	2,533	74	307	2	2,917	72%	4.61	5.75
2016	4,120	325	2,604	86	505	2	3,198	72%	4.38	5.76

2016 Black Hills Deer Harvest Projections

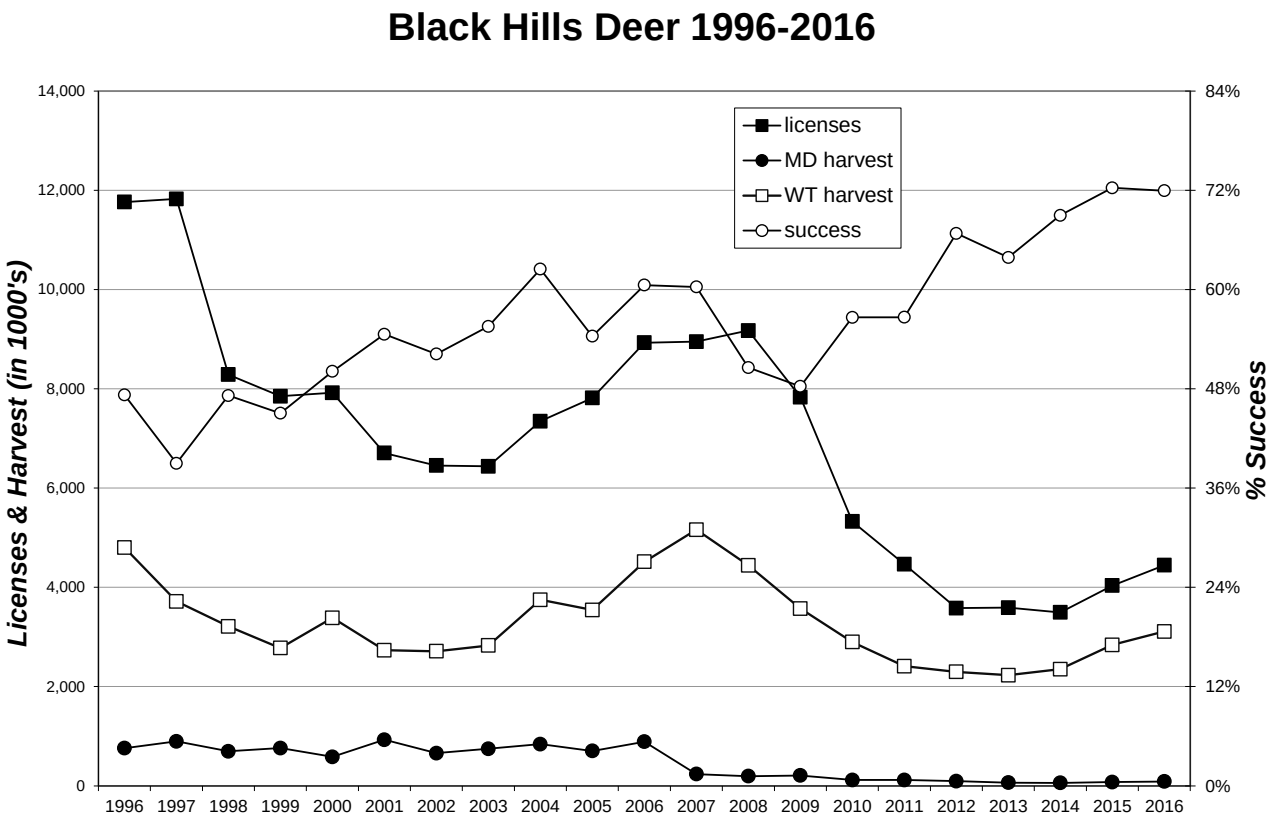
Last Revised: 2-Mar-17

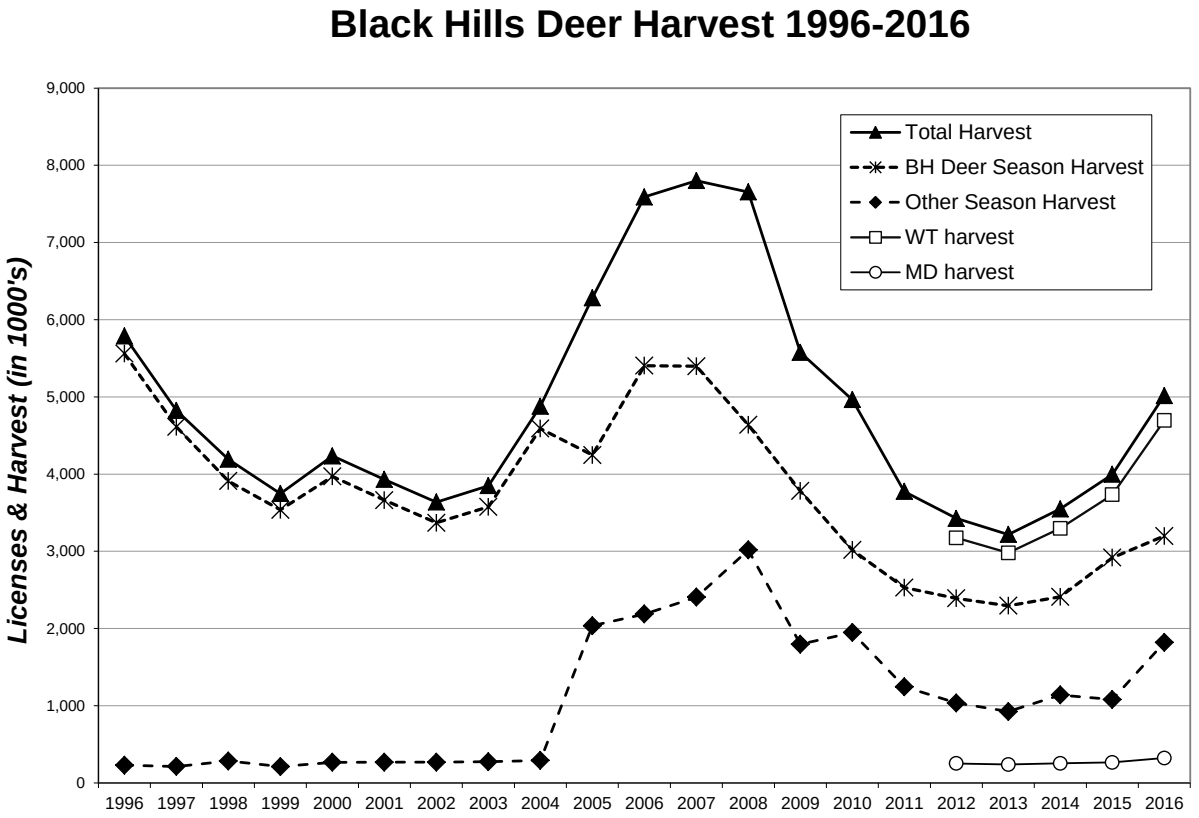
	Licenses								Harvest Projections											
	Resident			Nonresident					Whitetail				Mule Deer				Total		Mean	Avg
	Appl. 1st			Appl. 1st					Bucks		Does		Bucks		Does		Deer		Satisfctn	Days
Unit/Type	Choice *	Avail.	Sold	Choice *	Avail.	Sold	Resp.	Success	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Harvested	CI (95%)	Score	Hunted
BH1-01	4,278	200	223	336	16	16	83%	71%	76	0	5	0	86	0	2	0	169	+/-7	5.64	5.63
BH1-11	8,565	3,500	3,498	816	280	277	79%	73%	2,424	58	240	29	0	0	0	0	2,751	+/-105	5.79	4.79
BD1-13	142	300	299	19	24	24	81%	67%	6	31	161	17	0	0	0	0	216	+/-8	5.55	2.94
BD2-13	90	100	100	5	8	8	80%	58%	3	8	50	3	0	0	0	0	63	+/-5	5.61	2.22
Totals	**13,075**	**4,100**	**4,120**	**1,176**	**328**	**325**	**79.8%**	**72%**	**2,508**	**96**	**456**	**49**	**86**	**0**	**2**	**0**	**3,198**	**+/-124**	**5.76**	**4.38**

The response rate for all units combined is: **79.8%**

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

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


Black Hills Deer 1996-2016
licenses
MD harvest
WT harvest
success
Licenses & Harvest (in 1000's)
% Success
14,000
12,000
10,000
8,000
6,000
4,000
2,000
0
84%
72%
60%
48%
36%
24%
12%
0%
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016


Black Hills Deer Harvest 1996-2016
Total Harvest
BH Deer Season Harvest
Other Season Harvest
WT harvest
MD harvest
Licenses & Harvest (in 1000's)
9,000
8,000
7,000
6,000
5,000
4,000
3,000
2,000
1,000
0
1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016

CUSTER STATE PARK DEER

The 2016 Custer State Park Deer season was open November 5-18 and 40 licenses were issued.

All license holders that provided an email address when they applied for their license were surveyed by email and those that did not respond or did not provide an email were sent paper surveys. A total of 36 responses were received for a 90% return rate. Those responding reported hunting an average of 2.31 days, which projected to 92 recreation days for the season.

The harvest projection for the Custer State Park Deer season was 29 deer (10 adult whitetail bucks, 19 adult whitetail does). The overall season harvest success rate was 72%.

Summary comparison of the 2007-2016 seasons

			Whitetail		Mule				Avg Days
Year	Apps	Licenses	Bucks	Does	Bucks	Does	Total	Success	Hunted
2007	1,203	37	9	31	2	0	42	95%	2.8
2008	1,088	47	8	38	2	0	48	86%	3.0
2009	1,667	47	10	42	2	0	54	87%	2.7
2010	1,336	47	8	44	2	0	52	84%	6.3
2011	1,831	47	10	23	2	0	35	88%	2.6
2012	1,825	12	10	0	1	0	11	92%	3.5
2013	1,474	30	7	17	0	0	24	80%	3.3
2014	1,755	30	8	13	0	0	21	68%	2.2
2015	1,866	29	8	15	0	0	23	79%	2.9
2016	2,088	40	10	19	0	0	29	72%	2.3

2016 Custer State Park Deer Harvest Projections

Last Revised: 25 Jan 2017

	Licenses					Harvest Projections							
	Resident					Whitetail							
						Bucks		Does		Total		Mean	Avg
Unit/Type	Appl. 1st Choice *	Avail.	Sold	Resp.	Success	Adult	Fawn	Adult	Fawn	Deer Harvested	CI (95%)	Satisfctn Score	Days Hunted
CU1-11	2,030	10	10	90%	100%	10	0	0	0	10	+/-0	5.89	2.89
CU1-13	58	30	30	90%	63%	0	0	19	0	19	+/-2	5.78	2.11
	2,088	**40**	**40**	**90.0%**	**72%**	**10**	**0**	**19**	**0**	**29**	**+/-2**	**5.81**	**2.31**

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

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

MOUNTAIN GOAT

The 2016 season for Mountain Goats in the Black Hills was open from September 1 through December 31. There were two licenses issued for the Mountain Goat season in the Black Hills. There were 3,758 applicants for those two licenses. Both hunters harvested billies. They reported hunting 16 total days, an average of 8 days per hunter.

Comparison of the 2004-2016 Black Hills Mountain Goat seasons

Year	Apps/License	Billies Harvested	Nannies Harvested	Success	Avg. Days Hunted
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
2007-2014	No Season				
2015	3,758/2	1	1	100%	4.3
2016	3,564/2	2	0	100%	8.0

BIGHORN SHEEP

The 2016 season for Bighorn Sheep 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 4,538 applicants for the two any-bighorn licenses (2,436 for unit 1 and 2,102 for unit 2). An additional license was auctioned to the highest bidder and was valid in unit 2. All hunters were surveyed and all were successful at harvesting a ram. The three hunters reported an average of 4.0 days hunting. The Custer State Park Bighorn Sheep season remained closed in 2016.

Comparison of the 2009-2016 Black Hills Bighorn Sheep seasons

Year	Apps/License	Rams Harvested	Ewes Harvested	Success	Avg. Days Hunted
2009	3,541/5	5	0	100%	8.6
2010	3,643/5	5	0	100%	23.0
2011	3,614/3	3	0	100%	6.7
2012	3,381/2	2	0	100%	6.0
2013	4,033/2(+1)	3	0	100%	4.5
2014	4,336/2(+1)	3	0	100%	9.2
2015	4,757/2(+1)	3	0	100%	13.0
2016	4,538(/2(+1)	3	0	100%	4.0

Comparison of the 2001-2016 Custer State Park Bighorn Sheep seasons

Year	Applications	Licenses	Ram Harvest	Success	Avg. Days Hunted
2001	2,466	3	3	100%	1.7
2002	2,424	2	2	100%	2.5
2003	2,506	2	2	100%	1.5
2004	2,725	3	3	100%	4.0
2005-2016	CLOSED				

MOUNTAIN LION

The 2016 Black Hills season opened on December 26, 2015 and ended on March 31, 2016. The quota was 60 total or 40 female lions. After the Black Hills season closed, anyone with a valid 2016 license who did not take a mountain lion could hunt the remainder of the calendar year on land that was located outside the Black Hills Fire Protection District.

There were 3,102 resident mountain lion licenses issued prior to the end of the 2016 Black Hills season. A total of 57 access permits were issued for Custer State Park. The overall Black Hills success rate was 1.32%, with a total of 41 mountain lions harvested, 25 of which were females. Between December 26, 2015 and December 25, 2016, 5 male lions and 2 female lions were harvested outside the Black Hills Fire Protection District. Check station data showed that 16 lions were harvested in Lawrence County, 13 in Pennington County, 9 in Custer County, 6 in Meade County, 2 in Jackson County, and 1 lion each in Oglala Lakota and Charles Mix counties.

Surveys were emailed or mailed to all hunters who purchased a license before the Black Hills season ended and the survey response rate was 69%. Hunters reported an average of 7.1 days of hunting. Average hunter satisfaction was 4.75 and was based on a numerical scale from 1 (very dissatisfied) to 7 (very satisfied), 4 being neutral. Hunters who purchased a license after the regular Black Hills season ended were not surveyed.

Harvest summaries for 2007-2016 Statewide Mountain Lion seasons

	Licenses Sold		Reported Harvest				BH	BH
	End BH		Black Hills		Prairie		Active	Average
YEAR	Season	Total	Males	Females	Males	Females	Hunters	Satisf
2007	4,070	4,070	2	15	1	1	2,401	5.08
2008*	N/A	35	0	0	0	1	N/A	N/A
2009	2,428	2,678	11	15	2	2	1,646	5.18
2010	2,082	2,357	16	24	2	1	1,468	5.00
2011	2,325	2,560	20	27	3	0	1,790	5.11
2012	3,482	3,786	27	46	2	2	2,703	4.92
2013	4,351	4,910	26	35	6	0	2,976	4.71
2014	3,293	3,847	22	31	2	1	1,953	4.69
2015	3,210	3,788	21	22	5	1	1,779	4.58
2016	3,102	3,608	16	25	5	2	1,559	4.75

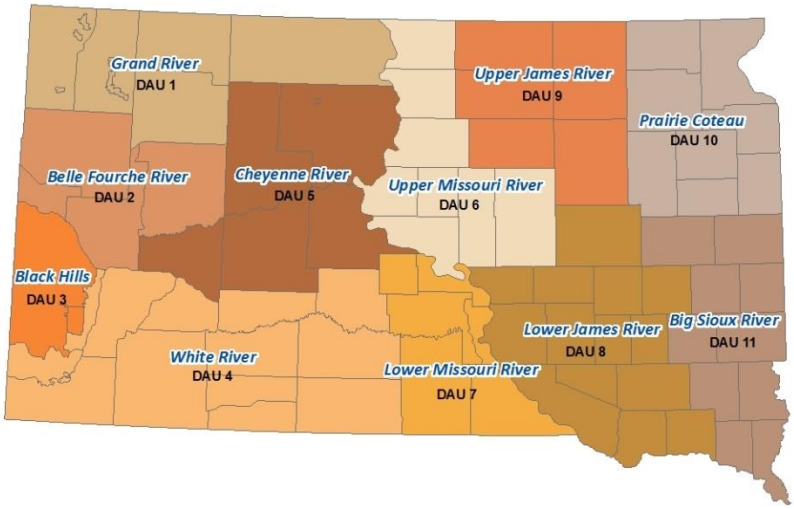
*There was no regular season during 2008, only landowner licenses were issued.

WORKING POPULATION ESTIMATES

The following text provides a basic overview of the current methodology and information used in survey and modeling efforts to estimate populations of big game in South Dakota.

DEER

All deer units throughout South Dakota are divided into eleven data analysis units (DAU's). A DAU is defined as an aggregate of management units that is large enough to account for auto-correlated biotic and abiotic factors and processes that uniformly influence vital rates.



Within each DAU, sex-specific annual survival (*s)* and hunter harvest mortality [(*hm)*-the proportion of total mortality caused from hunter harvest] rates are estimated based on recent research findings obtained in designated DAU's through radio-collared individuals. Survival and *hm* rates are also quantified separately between species and geographical area. The current year harvest projections *(h)* (including total harvest of all user groups combined) are calculated for each deer unit and then analyzed at the DAU level. The pre-season population estimate (*N)* is then formulated for each DAU and combined for a statewide 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) are then derived for each DAU using the formula: $pN= (N)-((h)/(hm))$.

Confidence intervals for population estimates are derived using Markov Chain Monte Carlo (MCMC) simulation methods in Program R. Standard errors are calculated for all survival input variables using the maximum likelihood estimator and sex and age ratio standard errors are calculated using the binomial proportion confidence interval estimator. One million random inputs are generated through MCMC simulations for each input variable from a probability distribution over the domain of each standard error. The results of the simulation are then aggregated to formulate the confidence interval for the population estimate of interest.

Population projections are then calculated for one year using current year fall deer herd composition data and annual survival rates from radio-collared animals. Lambda (λ; the annual rate of change overtime) is then calculated to indicate if the population of interest is increasing, decreasing or stable. Confidence intervals for lambda are developed using MCMC simulation methods in Program R, incorporating standard errors for all input variables. To predict how different license recommendations may impact λ, change in harvest is assumed to be additive, and the potential number of animals added or removed from the population is derived from the previous 3-year average success rate for that license type.

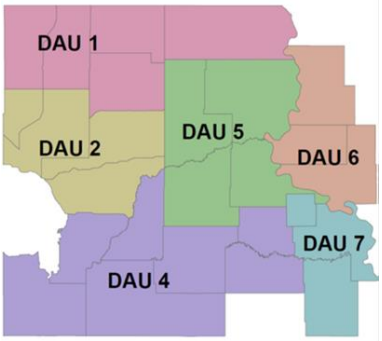
ELK

Aerial surveys of elk are not conducted on an annual basis; therefore population and rate of change (λ) estimates are modeled during years when aerial estimates are not available. Aerial surveys in 2016 provided

data to estimate the total population size of elk wintering in the Black Hills (N = 7,185, 95% CI = 6,692 – 9,068; excludes Custer State Park and Wind Cave National Park), and the approximate distribution of winter elk herds. Population projections are used to estimate current population levels and are formulated using a spreadsheet model incorporating 3-year pooled fall herd composition ratios (2014-2016), survival, and hunter harvest estimates. Annual survival estimates for adults are quantified separately between sexes, and those estimates are calculated from current or previous radio-collared elk in the Black Hills. Confidence intervals for the Black Hills hunting unit estimate are developed using MCMC simulation methods in Program R, incorporating standard errors for all input variables. To predict how different tag recommendations may impact λ, change in harvest is assumed to be additive, and the potential number of animals added or removed from the population was derived from the previous 5-year average success rate for that tag type.

PRONGHORN

All pronghorn units throughout South Dakota are divided into seven data analysis units (DAU's). A DAU is defined as an aggregate of management units that is large enough to account for auto-correlated biotic and abiotic factors and processes that uniformly influence vital rates.



Pronghorn estimates were generated through aerial surveying procedures during April and May of 2017. During spring green-up, twenty eight pronghorn units were flown and surveyed using fixed–winged aircraft at speeds < 100 mph, and altitudes between 100-200 ft. In units west of the Missouri river, aerial strip transects were flown 1.5 miles apart, with transect widths of ½ mile. Two observers (one being the pilot) recorded and classified all adult pronghorn seen within ¼ mile of each side of the aircraft. Results from sampled areas (an approximate systematic 33% of each unit) were used to project pronghorn densities in un-sampled areas. In units east of the Missouri River, the entire area was surveyed, but transect widths were increased to one mile. No sightability correction factor was used to account for potential pronghorn missed during the survey and population extrapolations assumed detection probability of pronghorn throughout the prairie landscapes of South Dakota was 100%.

To account for the variability of pronghorn densities within a unit because pronghorn are not equally distributed throughout, confidence intervals were formulated by calculating density estimates for individual transects within each unit. Standard errors for the mean pronghorn/mi^2 were calculated for each unit using:

$$SE_{\bar{x}} = \frac{s}{\sqrt{n}}$$

Where:
s = the sample standard deviation of individual transects within each unit
n = the number of transects within each unit.

To formulate spring adult population estimates, the average pronghorn density (calculated from surveyed transects) was multiplied by the total area of each hunting unit. Upper and lower bound population estimates were derived from the standard error of the mean density estimate for that unit. To formulate unit pre-hunt population estimates, the adult aerial spring estimate was divided into adult bucks and adult does using 3-year pooled DAU fall herd composition sex ratio data (2014-2016). The projected number of pre-hunt fawns was calculated using 3-year pooled DAU fall herd composition age ratio data (2014-2016). To predict how different tag recommendations may impact λ, change in harvest is assumed to be additive, and the potential number of

animals added or removed from the population was derived from the previous 5-year average success rate for that tag type.

MOUNTAIN LIONS

Mountain lion population estimates are derived using the Lincoln-Petersen mark-recapture method, with the Chapman modification to account for small sample sizes. Leading up to the 2016/17 mountain lion hunting season, 50 adult and sub-adult mountain lions were radio-collared or DNA sampled and considered available for harvest during the first day of the hunting season. The 96-day hunting season is considered the recapture event, and during that time 26 adult and sub-adult lions were harvested; of which 5 were either radio-collared or previously DNA sampled. The inputs for the 2016/2017 Lincoln-Petersen mark-recapture estimate are as follows; M = 50, C = 26, R = 5.

Lincoln-Petersen mark-recapture Chapman estimates are derived using:

$$N = \frac{(M+1)(C+1)}{R+1} - 1$$

N = Estimate of adult/sub-adult population size
M = Total number of adults captured and marked on the first visit
C = Total number of adults captured on the second visit
R = Number of adults captured on the first visit that are then recaptured on the second visit

95% confidence intervals are then formulated using the variance estimator below:

$$var\ (N) = \frac{(M+1)(C+1)(M-R)(C-R)}{(R+1)(R+1)(R+2)}$$

Species	Geographic Area	Estimate	95% CI	Time period
White-tailed Deer				
	East River & West River Prairie	445,000	311,000 – 579,000	Pre-season 2017
	Black Hills Proper	58,000	39,000 – 77,000	
Mule Deer				
	East River & West River Prairie	57,500	38,000 – 77,000	Pre-season 2017
	Black Hills Proper	4,250	2,400 – 6,100	
Elk				
	Black Hills Hunting Units	7,200	6,300 – 9,300	Winter 2017
	Custer State Park	455	404 – 733	Winter 2016
Pronghorn (adults)				
	Prairie Units	32,300	23,400 – 41,200	Spring 2017
Bighorn Sheep (adults)				
	Badlands Nat'l Park	160	Min Count Data	Winter 2017
	Hell Canyon	34	Min Count Data	Winter 2017
	Deadwood	14	Min Count Data	Winter 2017
	Rapid City	55	Min Count Data	Winter 2017
	Custer State Park	26	Min Count Data	Winter 2017
	Elk Mountain	159	81 – 312	Winter 2017
Mountain Goat				
	Black Hills Proper	133	106 – 236	Spring 2016
Mountain Lions (adults/sub-adults)				
	Black Hills Proper	230	90 – 370	Winter 2017