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# **South Dakota GAME REPORT**

**No. 2009 - 03**

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## ***2008***

**Annual Report**

### **BIG GAME HARVEST PROJECTIONS**

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## PREFACE

Big game harvest estimates reported herein for the 2008 big game seasons were developed as described in Wildlife Survey Manual, 2003-2009, South Dakota Department of Game, Fish and Parks. Species-specific methodologies are reported there.

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

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



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& PARKS



## INDEX

	Page
Preface .....	i
Index.....	1
 <b>TURKEY</b> -- (excluding <i>Custer State Park</i> ; see separate section)	
<b>Spring Firearm Prairie</b> -- season summary.....	4
unit harvest projections .....	5
season trends.....	6
<b>Spring Firearm Black Hills</b> -- season summary.....	7
unit harvest projections .....	7
season trends.....	8
<b>Spring Archery Statewide</b> -- season summary.....	9
hunter distribution.....	10
season trends.....	10
<b>Fall Firearm Prairie</b> -- season summary.....	11
unit harvest projections .....	12
season trends.....	13
<b>Fall Firearm Black Hills</b> -- season summary.....	14
season trends.....	15
<b>Fall Mentored Youth</b> -- season summary.....	16
harvest distribution .....	17
 <b>PRONGHORN ANTELOPE</b>	
<b>Archery</b> -- season summary.....	18
harvest distribution .....	18
season trends.....	19
<b>Firearm</b> -- season summary.....	20
unit harvest projections .....	21
season trends.....	23
 <b>ELK</b> -- (excluding <i>Custer State Park</i> ; see separate section)	
<b>Archery</b> -- season summary.....	24
unit harvest projections .....	24
season trends.....	25
<b>Black Hills Firearm</b> -- season summary.....	26
unit harvest projections .....	27
season trends.....	28
<b>Prairie Firearm</b> -- season summary.....	29
unit harvest projections .....	29

**DEER**

**Statewide Combined All Deer** -- season summary ..... 30  
     harvest projections ..... 31  
     harvest trends ..... 32  
     license trends ..... 32

**Statewide Archery** -- season summary ..... 33  
     harvest projections ..... 33  
     harvest distribution by county ..... 34  
     season trends ..... 35

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

**Youth** -- season summary ..... 36  
         unit harvest projections ..... 36  
         harvest distribution by county ..... 37  
         season trends ..... 38

**Mentored Youth** -- season summary ..... 39  
         unit harvest projections ..... 39  
         harvest distribution by county ..... 40

**Muzzleloader** -- season summary ..... 41  
         unit harvest projections ..... 41  
         harvest distribution by county ..... 42  
         season trends ..... 43

**West River** --season summary ..... 44  
         unit harvest projections ..... 45  
         unit and license type harvest projections ..... 46  
         season trends ..... 48  
         landowner on own land harvest ..... 49  
         special buck harvest ..... 50

**East River** -- season summary ..... 51  
         unit harvest projections ..... 52  
         unit and license type harvest projections ..... 53  
         season trends ..... 55  
         landowner on own land harvest ..... 56  
         special buck harvest ..... 57

**National Wildlife Refuge** - season summary ..... 58  
         unit harvest projections ..... 59  
         Sand Lake - season trends ..... 60  
         Lacreek - season trends ..... 60  
         Waubay - season trends ..... 61

**Black Hills** -- season summary ..... 62  
         unit harvest projections ..... 62  
         season trends ..... 63

**MOUNTAIN GOAT** -- (excluding *Custer State Park*, see separate section) ..... 65

**BIGHORN SHEEP** -- (excluding *Custer State Park*, see separate section) ..... 65

**MOUNTAIN LION** – season summary ..... 66

**CUSTER STATE PARK**

    Deer ..... 67

    Spring Turkey ..... 67

    Bighorn Sheep ..... 68

    Archery Elk ..... 68

    Firearm Elk ..... 69

**WORKING POPULATION ESTIMATES** ..... 70

**BIG GAME DRAWING PROCESS**

    Big Game excluding Elk ..... 72

    Elk except *Custer State Park* ..... 73

*Custer State Park* Elk ..... 74

# **SPRING PRAIRIE TURKEY**

In 2008, license sales totaled 7,370 (6,118 residents and 1,252 nonresidents) compared to 6,585 in 2007. There were 8,150 licenses available and overall tag sales totaled 11,228.

The survey sample size was 3,986 (57% of all hunters) and the response rate was 84.5%. Approximately 26% of responding hunters used the Internet to do so. The reported overall success rate for hunters was 53% and the projected harvest was 5,921 turkeys.

Spring prairie turkey hunters averaged 2.73 days hunting for a projected total of 19,061 hunting days for the April 12 through May 18 season.

Double tag any-turkey licenses were available again this year and have been since 2001. An estimated 588 hens were harvested (9.9% of the total harvest) compared to 524 in 2007.

Respondents were asked to gauge their satisfaction of the season (1 being least satisfied, 7 being most satisfied) and the average response was 5.64.

## Comparison of the 2000-2008 Spring Prairie Turkey Seasons

Year	Res Lic	NR Lic	Tags	Harvest		Success	Avg Days Hunted	Satisf
				Toms	Hens			
2000	3,969	553	5,927	3,360	-	57%	2.75	4.48
2001	4,357	606	6,831	3,473	147	53%	2.49	4.47
2002	4,470	666	7,028	3,567	199	54%	2.65	4.64
2003	4,451	692	7,370	3,440	304	51%	2.74	4.76
2004	4,502	821	7,627	3,713	355	53%	2.71	4.69
2005	4,787	876	7,864	3,988	297	55%	2.87	4.78
2006	5,308	1,004	9,605	4,583	487	53%	2.77	4.59
2007	5,477	1,108	9,993	4,595	524	51%	2.73	5.58
2008	6,118	1,252	11,228	5,333	588	53%	2.73	5.64

South Dakota Game Report No 2009-03 - 2008 Big Game Harvest Projections  
 Corey Huxoll

## 2008 Spring Prairie Turkey Harvest Projections

Last Revised:

### Licenses

07/25/2008

County Unit	License	Licenses										Harvest Estimates					
		Resident					Nonresident					Unit/ Subunit	Total			Ave. Days Hunted	Avg Satsfctn
		Appl. 1st	Licenses	Appl. 1st	Response	Success	1st tag	2nd tag	Toms	Hens	Harvest						
	Type	Hunters	Choice *	Avail.	Sold	Choice *	Avail.	Sold	Rate	Success	1st tag	2nd tag	Toms	Hens	Harvest	Hunted	Satsfctn
Bennett	37	66	23	70	54	9	6	22	92%	64%	70%	54%	81	17	98	2.75	6.36
Bon Homme	32	251	288	250	251	0	0	0	85%	61%			154	0	154	2.87	5.75
Brookings	32	40	122	40	40	0	0	0	100%	43%			17	0	17	3.93	5.18
Brule	32	30	28	30	30	0	0	0	87%	73%			22	0	22	2.08	5.86
Butte/Lawrence	37	402	159	450	304	97	36	126	81%	# 51%	64%	34%	369	72	441	3.37	5.77
Charles Mix/Douglas	32	400	359	400	400	1	0	0	88%	42%			166	0	166	2.57	5.35
Clay	32	120	141	120	120	0	0	0	84%	# 49%			59	0	59	2.84	5.74
Corson	37	131	45	150	119	10	12	20	82%	# 48%	63%	35%	107	27	134	2.59	5.45
Custer/ Penn-Mid	37	133	42	180	112	20	15	28	76%	# 42%	49%	31%	102	16	118	2.59	5.68
Davison/Hanson	32	100	143	100	100	0	0	0	85%	42%			42	0	42	3.58	5.16
Day/Codington	32	58	40	60	60	0	0	0	83%	# 48%			29	0	29	3.88	5.50
Deuel	32	40	117	40	40	0	0	0	85%	68%			27	0	27	2.82	5.87
Dewey/Ziebach	37	188	88	250	150	39	20	58	86%	50%	62%	42%	177	29	206	2.48	5.81
Fall River	37	217	72	350	164	46	28	68	86%	41%	50%	35%	176	16	192	2.73	5.20
Grant	32	220	265	220	220	1	0	0	87%	66%			145	0	145	2.61	5.50
Gregory	32	432	212	400	400	81	32	32	83%	# 51%			627	93	720	2.35	5.69
	37	489	620	450	453	132	36	36			67%	43%					
Haakon	37	230	75	300	165	50	24	88	86%	64%	79%	47%	276	48	324	2.69	6.07
Hamlin	32	20	18	20	20	0	0	0	89%	90%			18	0	18	5.50	6.50
Harding	37	303	169	300	248	58	24	76	85%	33%	41%	15%	167	48	215	2.28	5.40
Hughes	37	40	41	40	40	0	0	0	80%	# 44%	56%	31%	30	5	35	3.28	5.36
Hutchinson	32	61	69	60	62	0	0	0	89%	37%			23	0	23	3.44	5.46
Jackson	37	158	81	150	101	54	12	61	88%	52%	66%	41%	156	13	169	2.50	5.84
Jerauld	32	10	11	10	10	0	0	0	89%	30%			3	0	3	2.13	3.75
Jones	32	35	3	100	16	5	8	23	88%	72%			28	0	28	1.75	6.52
Lincoln	32	100	289	100	100	0	0	0	81%	# 36%			36	0	36	3.70	5.16
Lyman	37	87	142	80	80	19	7	7	80%	# 55%	70%	39%	77	19	96	2.82	5.46
Marshall/Roberts	32	200	203	200	200	1	0	0	80%	# 55%			109	0	109	2.54	5.39
Meade/Penngtn	37	347	100	350	201	110	28	170	85%	65%	78%	51%	456	28	484	2.92	5.80
Mellette	37	508	184	550	448	113	44	146	82%	# 60%	69%	52%	587	121	708	2.18	5.90
Minnehaha	32	80	109	80	80	0	0	0	84%	# 39%			31	0	31	2.80	5.42
Moody	32	20	25	20	20	0	0	0	95%	65%			13	0	13	4.84	5.79
Pennington-East	37	155	42	300	94	40	24	73	80%	# 51%	62%	40%	151	18	169	2.14	5.96
Perkins-N	37	34	10	80	21	11	7	13	91%	40%	52%	29%	24	3	27	3.23	4.60
Perkins-S/ Meade	37	69	11	100	38	20	8	31	88%	45%	61%	29%	58	4	62	2.10	5.04
Roberts	32	282	176	300	299	0	0	1	88%	54%			163	0	163	2.53	5.52
Sanborn	32	50	53	50	50	0	0	0	80%	# 58%			29	0	29	3.03	5.50
Shannon	37	39	4	70	20	11	6	23	90%	73%	72%	63%	53	10	63	2.91	6.09
Stanley	32	48	20	50	46	6	4	8	75%	# 59%			32	0	32	3.14	5.76
Todd	32	57	10	80	46	6	7	30	87%	71%			53	1	54	2.12	5.89
Tripp	32	351	178	400	315	48	32	112	83%	# 62%			263	0	263	1.84	5.79
Turner	32	60	37	60	60	0	0	0	81%	# 33%			20	0	20	3.77	5.10
Union	32	120	176	120	120	0	0	0	82%	# 47%			56	0	56	3.32	5.84
Yankton	32	201	286	200	201	1	0	0	87%	60%			121	0	121	3.16	5.86
<b>Totals</b>		<b>6,982</b>	<b>5,286</b>	<b>7,730</b>	<b>6,118</b>	<b>989</b>	<b>420</b>	<b>1,252</b>	<b>84.5%</b>	<b>#</b>	<b>52.7%</b>		<b>5,333</b>	<b>588</b>	<b>5,921</b>	<b>2.73</b>	<b>5.64</b>

Response rate for all units combined was

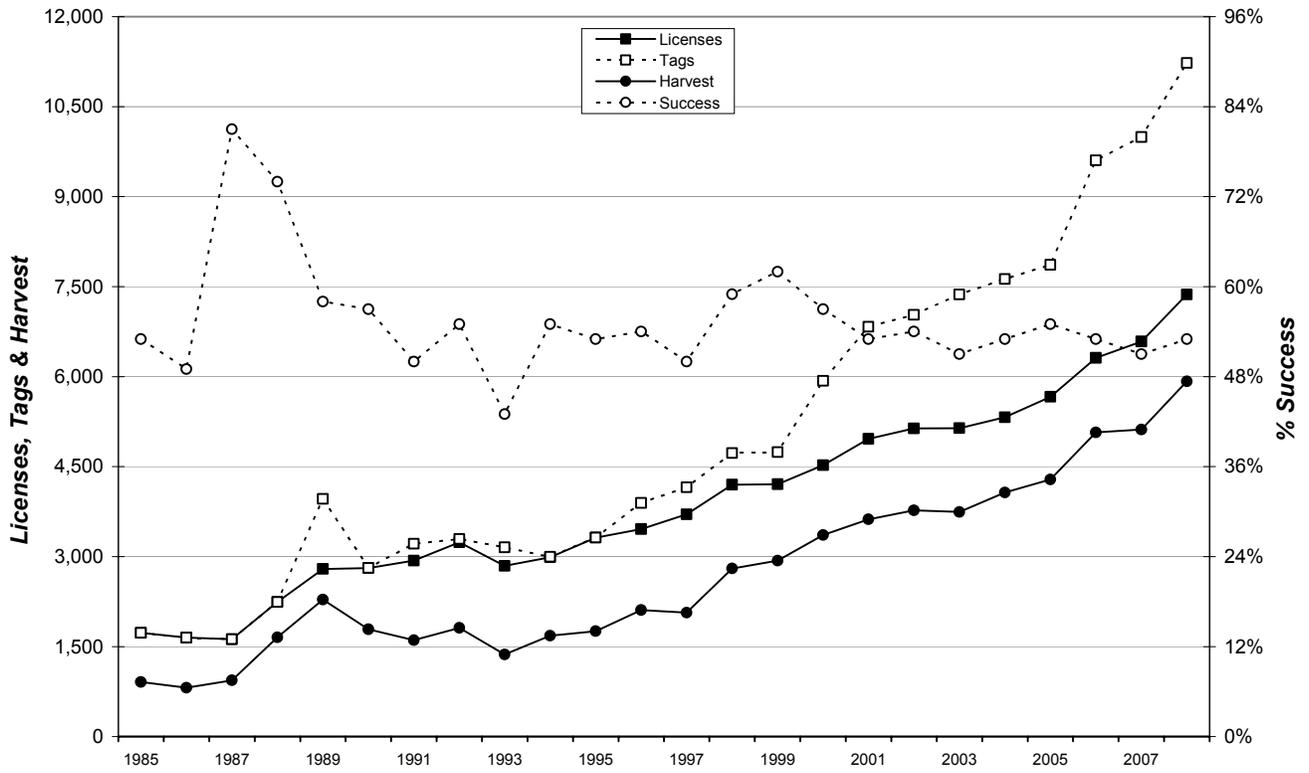
**84.5%**

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

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

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

### Spring Firearm Prairie Turkey 1985-2008



## **SPRING BLACK HILLS TURKEY**

An unlimited number of licenses were available and 6,508 licenses were issued for the 2008 Spring Black Hills Turkey season (4,003 residents, 2,505 nonresidents), a slight increase from 2007. All licenses consisted of single tags for male turkeys only.

The survey sample size was 992 (16% of the total number of licensees) and the response rate was 82.4%. Approximately 28% of responding hunters used the Internet to do so. The reported success rate was 42% and the projected harvest was 2,743 male turkeys.

The season was open from April 12 through May 18, a total of 37 days. Hunters averaged 3.39 days of hunting for a projected total of 20,703 days of recreation for the season.

Resident hunters purchased 543 licenses for the BH2 unit, where tags were only valid between May 1 and May 18. Of those, 144 did not have a unit BH1 license; therefore, only 399 hunters purchased two licenses for the season. Harvest success for unit BH2 for those hunters who purchased two licenses was 40%.

### Comparison of the 2000-2008 Spring Black Hills Turkey Seasons

<b>Year</b>	<b>Licenses Issued</b>	<b>Tom Harvest</b>	<b>Avg Days Hunted</b>	<b>Success</b>	<b>Average Satisfaction</b>
2000	3,374	1,288	3.90	38%	-
2001	3,998	1,379	3.78	35%	-
2002	4,761	1,503	3.81	32%	4.52
2003	5,053	1,456	3.49	29%	4.63
2004	5,798	2,494	3.58	43%	4.67
2005	6,397	2,666	3.53	42%	4.66
2006	6,656	2,570	3.65	39%	4.95
2007	6,378	2,430	3.45	38%	5.57
2008	6,508	2,743	3.39	42%	5.52

### 2008 Spring Black Hills Turkey Harvest Projections

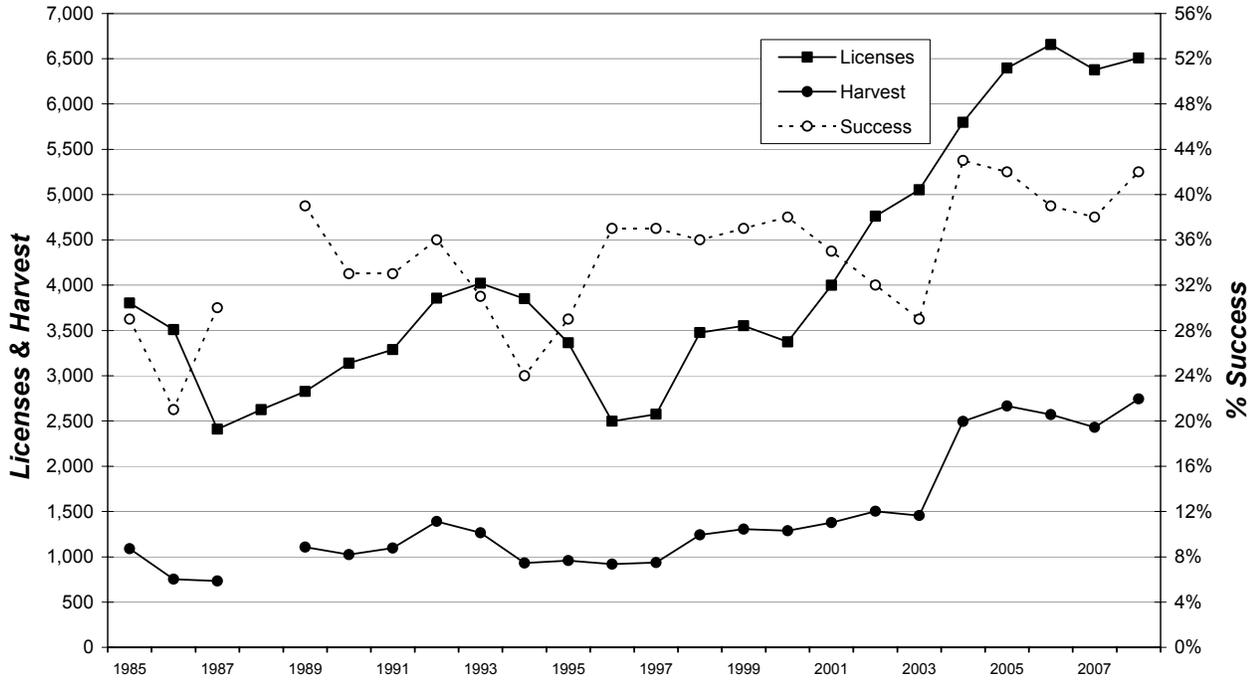
Unit/Type	Licenses				Hunters	Response Rate	Unit/ Subunit Success	Harvest Estimate	Ave. Days Hunted	Avg Satsfctn	
	Resident Avail.	Resident Sold	Nonresident Avail.	Nonresident Sold							
BH1-32	Unlim	3,460	Unlim	2,505	6,107	82.4%	#	42%	2,743	3.39	5.52
BH2-32	Unlim	543	0	0							
		<b>4,003</b>		<b>2,505</b>							

Response rate for the season was **82.4%**

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

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

## Black Hills Spring Turkey 1985-2008



## **SPRING ARCHERY TURKEY**

There were 2,199 resident and 459 nonresident licenses sold for a total of 2,658 licensed spring archery turkey hunters in 2008, a slight increase from 2007.

For harvest information, 26% of the license holders were sampled for an overall sample size of 693. The response rate was 79.7%. Approximately 31% of responding hunters used the Internet to do so.

The projected harvest based on survey responses was 722 male turkeys, an increase of over 6% from 2007, for a success rate of 27%. The season was open from April 12 through May 18, a total of 37 days. The projected total number of days hunted was 11,536, an average of 4.34 days per hunter.

### Comparison of the 2000-2008 Spring Archery Turkey Seasons

Year	Licenses Sold		Tom Harvest	Success	Avg Days Hunted	Satisfaction
	Resident	Nonresident				
2000	668	158	168	20%	5.55	4.37
2001	702	213	219	23%	4.37	4.12
2002	825	237	283	27%	4.53	4.47
2003	954	265	347	29%	4.26	4.72
2004	1,330	322	512	31%	4.62	4.61
2005	1,778	401	591	27%	4.46	4.61
2006	2,072	460	737	29%	4.52	4.63
2007	2,079	400	679	27%	4.25	5.42
2008	2,199	459	722	27%	4.34	5.45

### **2008 Spring Archery Turkey Harvest Projections**

Last Revised:  
07/24/2008

Unit/Type	Licenses				Response Rate	Unit/ Subunit Success	Harvest Estimate Toms	Ave. Days Hunted	Avg Satsfctn
	Resident		Nonresident						
	Avail.	Sold	Avail.	Sold					
<b>ST1-32</b>	Unlim	2,199	Unlim	459	79.7% #	27.2%	722	4.34	5.45

Response rate for the season was **79.7%**

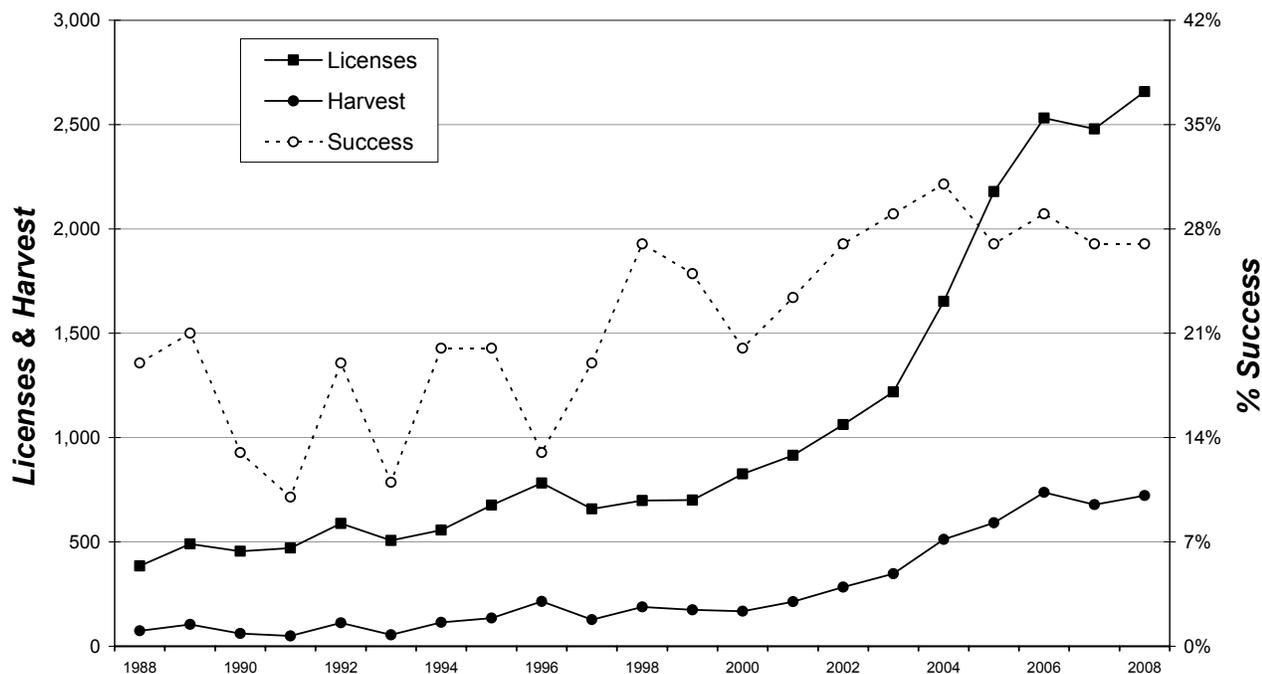
Satisfaction scale of 1=very dissatisfied to 7=very satisfied.

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

**2008 Spring Archery Turkey Season Reported Harvest Distribution**

County	Harvest Reports		County	Harvest Reports	
	Number	% of Total		Number	% of Total
Gregory	24	16.4%	Hanson	3	2.1%
Yankton	12	8.2%	Tripp	3	2.1%
Charles Mix	9	6.2%	Brookings	2	1.4%
Grant	8	5.5%	Davison	2	1.4%
Roberts	7	4.8%	Douglas	2	1.4%
Pennington	6	4.1%	Hutchinson	2	1.4%
Bon Homme	6	4.1%	Lyman	2	1.4%
Clay	6	4.1%	Mellette	2	1.4%
Union	6	4.1%	Brown	1	0.7%
Minnehaha	5	3.4%	Codington	1	0.7%
Meade	5	3.4%	Deuel	1	0.7%
Lawrence	4	2.7%	Corson	1	0.7%
Custer	4	2.7%	Lake	1	0.7%
Lincoln	4	2.7%	Sanborn	1	0.7%
Marshall	4	2.7%	Turner	1	0.7%
Brule	3	2.1%	Walworth	1	0.7%
Butte	3	2.1%	Todd	1	0.7%
Fall River	3	2.1%	Total	146	

**Spring Archery Turkey  
 1988-2008**



## **FALL PRAIRIE TURKEY**

There were 5,996 licenses (5,601 resident, 395 nonresident) sold for the 2008 Fall Prairie Turkey season in South Dakota, for a total of 9,593 tags. All tags were valid for either a tom or a hen.

A random sample of 3,064 hunters was taken (51% of hunters), and 2,585 responded for an 84% response rate. Approximately 48% of responding hunters used the Internet to do so.

The fall season ran from October 1 through January 31, a total of 123 days. Respondents reported hunting an average of 2.86 days, which projected to a total of 14,175 recreation days for the season.

Harvest projections indicated 2,606 toms were taken along with 1,949 hens for a total of 4,556 turkeys. The estimated success rate for the season was 47%. The mean satisfaction score reported by hunters was 5.43 (1 representing "very dissatisfied" and 7 representing "very satisfied").

Comparison of the 1999-2008 Fall Prairie Turkey seasons:

<i>Year</i>	<i>Licenses</i>	<i>Tags</i>	<i>HARVEST</i>				<i>Avg Days</i>	<i>Average</i>
	<i>Sold</i>	<i>Sold</i>	<i>Toms</i>	<i>Hens</i>	<i>Total</i>	<i>%Success</i>	<i>Hunted</i>	<i>Satisfactn</i>
1999	3,233	5,627	2,006	1,381	3,387	60%	2.49	5.51
2000	3,674	6,184	1,953	1,113	3,066	50%	2.33	5.48
2001	3,524	5,761	1,604	1,512	3,116	54%	2.69	5.59
2002	3,649	5,520	1,545	1,116	2,661	48%	2.77	5.61
2003	3,572	5,458	1,555	1,339	2,894	53%	2.66	5.81
2004	3,734	5,394	1,568	1,150	2,718	50%	3.05	5.68
2005	4,105	6,196	1,788	1,384	3,172	51%	2.60	5.62
2006	5,055	6,949	1,645	1,442	3,087	44%	3.15	5.02
2007	5,614	8,764	2,315	1,879	4,194	48%	3.07	5.22
2008	5,996	9,593	2,606	1,949	4,556	47%	2.86	5.43

## 2008 Fall Prairie Turkey Harvest Projections

Unit	Hunters	Licenses						Response	Unit/ Subunit	Harvest Projections			Avg Days Hunted	Mean Satisfctn Score
		Resident			Nonresident					Toms	Hens	Total Harvest		
		Appl. 1st Choice *	Avail.	Sold	Appl. 1st Choice *	Avail.	Sold							
Bennett	65	22	70	76	0	6	0	89%	63%	65	30	95	2.2	6.0
Bon Homme	161	108	200	197	0	0	3	88%	60%	78	42	120	3.4	5.4
Brookings	92	37	100	99	0	0	0	89%	29%	24	33	58	2.9	4.4
Brule	19	17	20	19	0	0	0	84%	# 50%	8	1	10	4.0	6.2
Butte/Lawrence	179	88	450	189	7	36	13	76%	# 44%	120	57	177	3.3	5.7
Charles Mix/Douglas	325	156	400	393	0	0	6	87%	43%	95	75	170	2.8	5.4
Clay	40	43	40	40	0	0	0	92%	36%	12	2	14	3.3	4.3
Corson	74	15	200	86	3	16	10	85%	60%	47	69	116	2.7	5.4
Custer/Penn	84	29	150	114	2	12	5	69%	# 58%	61	78	139	2.8	6.2
Davison/Hanson	40	37	40	40	0	0	0	85%	35%	11	4	14	2.1	5.4
Dewey/Ziebach	150	44	300	157	13	24	24	83%	# 55%	112	86	198	1.8	5.9
Fall River	142	27	300	135	16	24	34	82%	# 32%	66	43	109	3.1	5.2
Gregory	578	268	800	723	42	64	74	83%	# 49%	263	130	393	2.2	5.5
Haakon	82	23	150	73	3	12	15	84%	# 57%	53	48	101	2.2	5.4
Harding	297	133	300	284	36	24	38	87%	35%	101	123	224	2.5	4.6
Hughes	29	9	60	45	0	0	1	75%	# 57%	11	15	26	1.7	5.7
Hutchinson	40	29	40	40	0	0	0	77%	# 33%	12	1	13	2.5	5.3
Jackson	97	30	200	97	4	16	10	88%	56%	55	64	119	2.1	5.7
Jones	32	10	100	22	2	8	14	81%	# 44%	9	7	16	1.3	6.4
Lincoln	100	74	100	100	1	0	0	84%	# 30%	17	13	30	4.2	5.1
Lyman	132	62	150	138	16	12	23	79%	# 59%	57	37	95	3.2	5.8
Meade/Penn NE	154	56	250	167	4	20	8	84%	# 42%	84	62	146	4.0	5.4
Mellette	245	74	500	346	18	40	32	89%	71%	275	263	539	2.2	6.0
Minnehaha	63	47	60	63	0	0	0	84%	# 49%	22	9	31	3.5	5.4
Pennington-East	67	22	150	61	5	12	10	87%	52%	30	43	73	3.2	5.6
Perkins	96	30	200	86	11	16	15	88%	35%	38	34	71	1.7	4.9
Shannon	4	0	50	1	1	4	3	50%	# 50%	4	0	4	1.0	7.0
Stanley	21	5	20	20	1	2	2	95%	33%	5	2	7	2.4	5.1
Todd	16	5	50	19	0	4	0	81%	# 65%	10	2	12	1.5	5.8
Tripp	153	83	150	138	17	12	24	84%	# 52%	101	68	170	2.2	5.4
Turner	58	13	60	56	0	0	4	87%	30%	12	6	18	3.2	5.1
Union	51	51	50	51	0	0	0	89%	38%	15	5	19	4.1	4.7
Yankton	126	94	125	126	0	0	0	93%	43%	34	21	55	3.9	5.4
Northeast Unit	1,144	320	2,500	1,400	0	0	27	83%	# 44%	700	475	1,175	3.2	5.1
<b>Totals</b>	<b>4,956</b>	<b>2,061</b>	<b>8,335</b>	<b>5,601</b>	<b>202</b>	<b>364</b>	<b>395</b>	<b>84.4%</b>	<b># 47.5%</b>	<b>2,606</b>	<b>1,949</b>	<b>4,556</b>	<b>2.86</b>	<b>5.43</b>

The response rate for all units combined was: **84%**

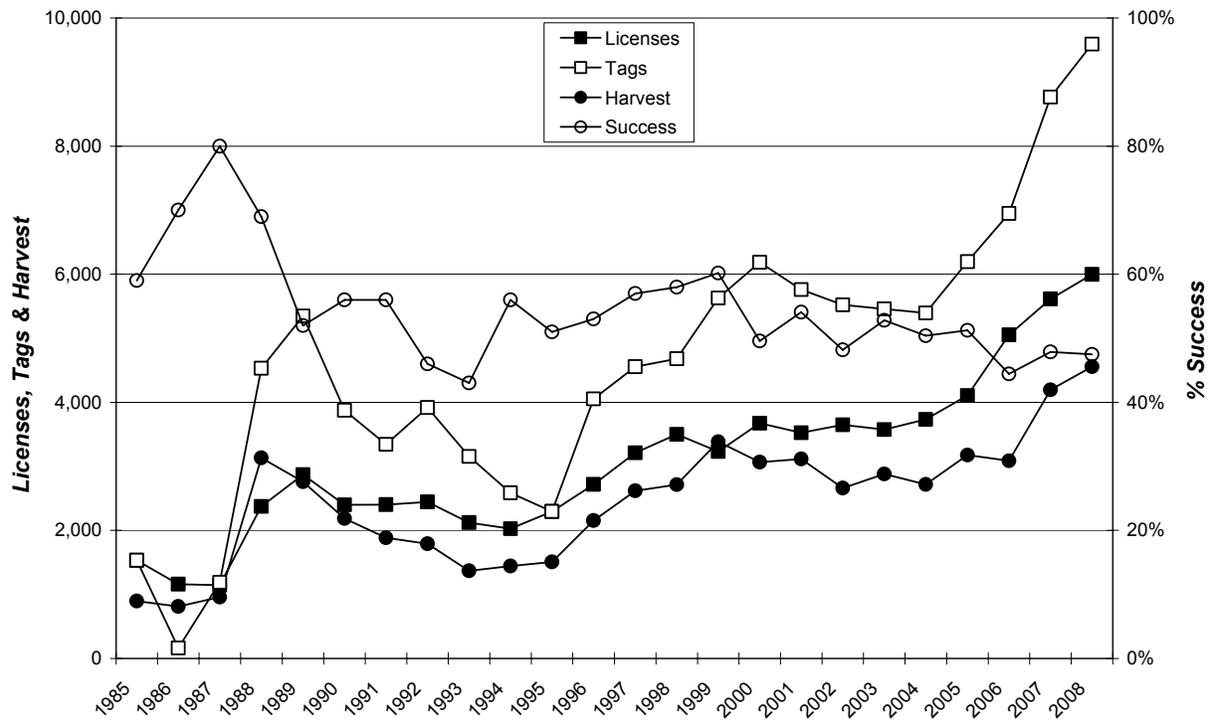
\* Number of 1st drawing applicants with that season as 1st choice.

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

### 2008 Reported and Projected Harvest Distribution for the Northeast Prairie Unit (NE1)

County	Reported Harvest		Projected Harvest		% of Total Toms	% of Total Hens
	Toms	Hens	Toms	Hens		
Codington	17	6	47	17	6.8%	3.5%
Day	8	6	22	17	3.2%	3.5%
Grant	97	45	271	125	38.6%	26.3%
Marshall	36	41	100	114	14.3%	24.0%
Roberts	93	73	259	203	37.1%	42.7%
<b>Total</b>	<b>251</b>	<b>171</b>	<b>700</b>	<b>475</b>	<b>100.0%</b>	<b>100.0%</b>

## Fall Prairie Turkey 1985-2008



## FALL BLACK HILLS TURKEY

There were 4,319 Fall Black Hills Turkey licenses (4,155 resident, 164 nonresident) sold in South Dakota for the 2008 season. All were single tag licenses valid for either a tom or a hen.

Of the 499 license-holders that were sampled, 411 responded for an 82% response rate. Approximately 28% of responding hunters used the Internet response system.

The fall season ran from October 1 through January 31, a total of 123 days (92 days in 2006, 31 days in 2005, 16 days in 2004, 9 days in 2003). Respondents reported hunting an average of 3.4 days, which projected to a total of 10,632 recreation days for the season.

An estimated 806 toms were harvested along with 1,179 hens, a total of 1,986 turkeys. The overall projected success rate for this season was 46%. The mean satisfaction score reported by hunters was 5.40 (1 representing "very dissatisfied" and 7 representing "very satisfied").

Comparison of the 1999-2008 Fall Black Hills Turkey seasons:

YEAR	LICENSES SOLD		HARVEST				Avg Days	Average
	Resident	Nonresid	Toms	Hens	Total	%Success	Hunted	Satisfaction
1999	645	30	172	222	394	58%	NA	NA
2000	595	33	123	210	333	54%	2.21	NA
2001	No Season							
2002	300	25	104	78	182	56%	2.22	5.91
2003	400	32	114	165	279	65%	1.84	5.95
2004	708	42	206	270	476	63%	2.12	5.97
2005	1,312	83	321	399	720	52%	2.51	6.04
2006	3,081	159	681	962	1,643	51%	3.50	5.34
2007	3,641	138	1,130	1,039	2,169	57%	3.24	5.49
2008	4,155	164	806	1,179	1,986	46%	3.39	5.40

### 2008 Fall Black Hills Turkey Harvest Projections

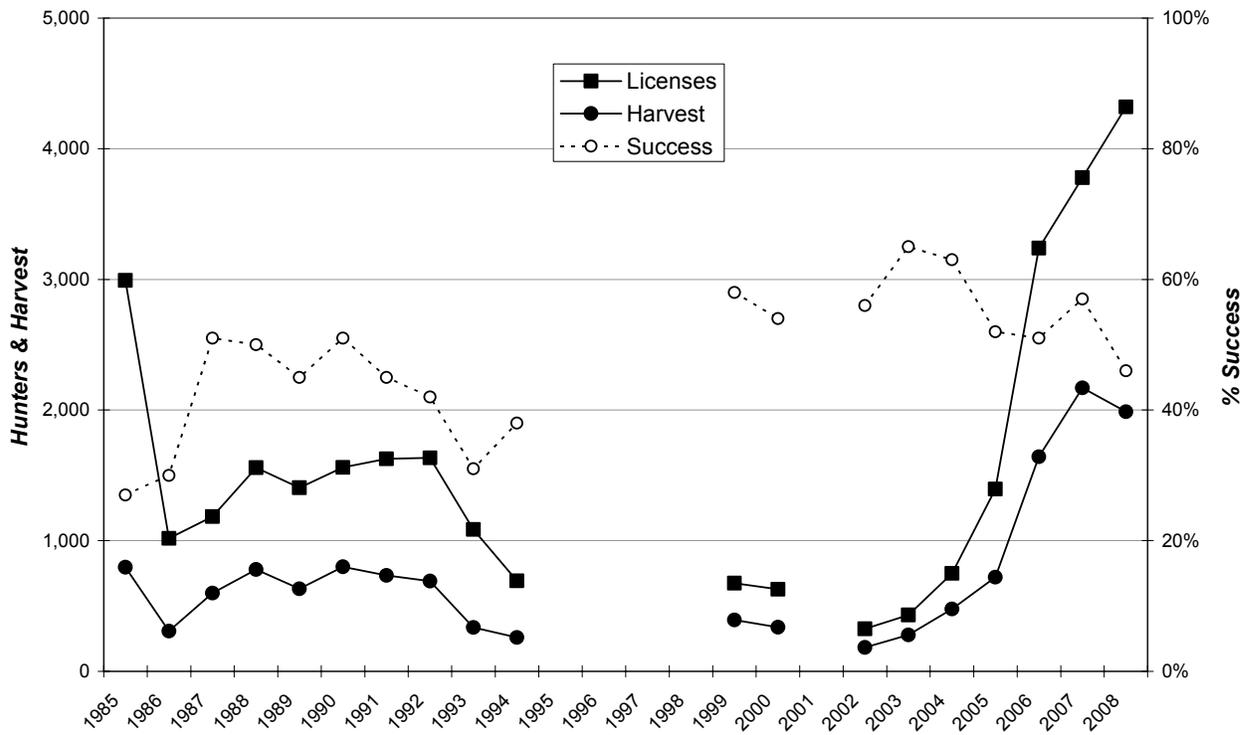
Unit/Type	Hunters	Licenses						Response Rate	Unit/ Subunit Success	Harvest Projections			Average Days Hunted	Mean Satisfctn Score
		Resident			Nonresident					Toms	Hens	Total Harvest		
		Appl. 1st Choice *	Avail.	Sold	Appl. 1st Choice *	Avail.	Sold							
BH1-31	3,127	1,520	4,000	4,155	68	320	164	82% #	46%	806	1,179	1,986	3.39	5.40

The response rate for all units combined was: **82.4%**

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

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

### Black Hills Fall Turkey 1985-2008



## **FALL MENTORED YOUTH TURKEY**

There were 236 Fall Mentored Youth Turkey licenses sold in South Dakota for the 2008 season. All were single tag licenses valid for either a tom or a hen. All mentors/hunters were sampled and 193 responses (82%) were received. Approximately 27% of responding mentors/hunters used the Internet response site.

The fall season ran from October 1 through January 31, a total of 123 days. Respondents reported hunting an average of 2.75 days, which projected to a total of 649 recreation days for the season.

An estimated 59 toms were harvested along with 43 hens, a total of 101 turkeys. The overall projected success rate for this season was 43%. The mean satisfaction score reported by hunters was 5.91 (1 representing "very dissatisfied" and 7 representing "very satisfied").

The six counties with the highest reported harvest were Pennington, Meade, Custer, Lawrence, Roberts and Charles Mix.

### Summary of the 2008 Fall Mentored Youth Turkey season

YEAR	Licenses	HARVEST				Avg Days	Average
	Sold	Toms	Hens	Total	%Success	Hunted	Satisfaction
2008	236	59	43	101	43%	2.75	5.91

## **2008 Fall Youth Turkey Harvest Projections**

Unit/Type	Licenses		Response Rate	Unit/ Subunit	Harvest Projections			Average Days Hunted	Mean Satisfctn Score
	Resident				Total Harvest	Toms	Hens		
	Avail.	Sold							
ST1-31	Unlim	236	82% #	43%	59	43	101	2.75	5.91

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

South Dakota Game Report No 2009-03 - 2008 Big Game Harvest Projections  
Corey Huxoll

## 2008 Mentored Turkey Harvest Distribution

Last Revised:  
23-Apr-09

County	Reported Harvest			Projected Harvest			%
	Toms	Hens	Total	Toms	Hens	Total	
Minnehaha	0	0	0	0	0	0	0.0%
Pennington	4	9	13	5	12	17	16.5%
Brown	0	0	0	0	0	0	0.0%
Beadle	0	0	0	0	0	0	0.0%
Codington	0	0	0	0	0	0	0.0%
Brookings	0	0	0	0	0	0	0.0%
Yankton	1	1	2	1	1	3	2.5%
Davison	2	0	2	3	0	3	2.5%
Lawrence	2	4	6	3	5	8	7.6%
Aurora	0	0	0	0	0	0	0.0%
Bennett	2	0	2	3	0	3	2.5%
Bon Homme	1	1	2	1	1	3	2.5%
Brule	0	0	0	0	0	0	0.0%
Buffalo	0	0	0	0	0	0	0.0%
Butte	1	0	1	1	0	1	1.3%
Campbell	0	0	0	0	0	0	0.0%
Charles Mix	2	3	5	3	4	6	6.3%
Clark	0	0	0	0	0	0	0.0%
Clay	2	0	2	3	0	3	2.5%
Corson	2	0	2	3	0	3	2.5%
Custer	2	6	8	3	8	10	10.2%
Day	3	0	3	4	0	4	3.8%
Deuel	0	0	0	0	0	0	0.0%
Dewey	2	0	2	3	0	3	2.5%
Douglas	0	0	0	0	0	0	0.0%
Edmunds	0	0	0	0	0	0	0.0%
Fall River	0	0	0	0	0	0	0.0%
Faulk	0	0	0	0	0	0	0.0%
Grant	1	0	1	1	0	1	1.3%
Gregory	2	0	2	3	0	3	2.5%
Haakon	0	0	0	0	0	0	0.0%
Hamlin	0	0	0	0	0	0	0.0%
Hand	0	0	0	0	0	0	0.0%
Hanson	1	0	1	1	0	1	1.3%
Harding	1	1	2	1	1	3	2.5%
Hughes	0	0	0	0	0	0	0.0%
Hutchinson	0	0	0	0	0	0	0.0%
Hyde	0	0	0	0	0	0	0.0%
Jackson	0	0	0	0	0	0	0.0%
Jerauld	0	0	0	0	0	0	0.0%
Jones	0	0	0	0	0	0	0.0%
Kingsbury	0	0	0	0	0	0	0.0%
Lake	0	0	0	0	0	0	0.0%
Lincoln	0	0	0	0	0	0	0.0%
Lyman	1	0	1	1	0	1	1.3%
McCook	0	0	0	0	0	0	0.0%
McPherson	0	0	0	0	0	0	0.0%
Marshall	2	0	2	3	0	3	2.5%
Meade	4	5	9	5	7	12	11.4%
Mellette	1	0	1	1	0	1	1.3%
Miner	0	0	0	0	0	0	0.0%
Moody	0	0	0	0	0	0	0.0%
Perkins	0	0	0	0	0	0	0.0%
Potter	0	0	0	0	0	0	0.0%
Roberts	4	1	5	5	1	6	6.3%
Sanborn	0	0	0	0	0	0	0.0%
Spink	0	0	0	0	0	0	0.0%
Stanley	1	1	2	1	1	3	2.5%
Sully	0	0	0	0	0	0	0.0%
Tripp	2	1	3	3	1	4	3.8%
Turner	0	0	0	0	0	0	0.0%
Union	0	0	0	0	0	0	0.0%
Walworth	0	0	0	0	0	0	0.0%
Ziebach	0	0	0	0	0	0	0.0%
Shannon	0	0	0	0	0	0	0.0%
Todd	0	0	0	0	0	0	0.0%
Unknown	2	2	4				
<b>TOTALS</b>	<b>48</b>	<b>35</b>	<b>83</b>	<b>59</b>	<b>43</b>	<b>102</b>	

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

Use these figures for approximations only!

# ARCHERY ANTELOPE

There were 2,213 archery antelope licenses issued in 2008 (1,599 resident and 614 nonresident) making up 2,981 tags. Two-tag licenses were available for this season for the third year. Approximately 45% of all license holders were sampled and the survey response rate was 82%, with 51% responding over the Internet.

The overall success rate for the archery season was projected to be 27%, with 619 bucks, 121 does, 38 buck-kids, and 36 doe-kids harvested. The archery season ran from August 16 through October 31, except when and where a state firearm antelope season was open. Of the 18 counties where antelope were reported harvested, Harding County accounted for over half of all harvest.

Average hunter satisfaction was 5.48 and was based on a numerical scale from 1 (very dissatisfied) to 7 (very satisfied), 4 being neutral.

## 2008 Archery Antelope Harvest Projections

			Response		Unit/Subunit		Harvest Projections					Avg Satisfctn	Avg Days	
Unit/Type	Available	Sold	Rate	#	Success	1st Tag	2nd Tag	Bucks	Does	Buck Kids	Doe Kids	Total Harvest	Score	Hunted
ST1-41	No Limit (Res)	1,027	81%	#	22%	22%		190	26	8	5	229	5.20	4.08
ST1-48	No Limit (Res)	572	80%	#	23%	29%	17%	162	58	17	26	263	5.49	4.90
ST1-41	No Limit (NR)	418	82%	#	41%	41%		166	5	0	0	171	5.77	4.54
ST1-48	No Limit (NR)	196	90%		39%	53%	24%	101	32	13	5	151	6.14	4.66
<b>Totals</b>		<b>2,213</b>	<b>82%</b>	<b>#</b>	<b>27%</b>	<b>30%</b>	<b>19%</b>	<b>619</b>	<b>121</b>	<b>38</b>	<b>36</b>	<b>814</b>	<b>5.48</b>	<b>4.42</b>

Last Revised: 02/17/09

# These units showed less than 85% response so harvest projections may not be within (+/-) 15% of sample statistic

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

### Harvest summaries for 2000-2008 Archery Antelope

YEAR	Licenses Sold		Harvest		Success	Avg. Days Hunted	Average Satisfaction
	Resident	Nonresiden t	Bucks	Does			
2000	539	130	138	27	25%	4.68	5.46
2001	631	186	176	17	24%	4.74	5.36
2002	711	199	210	24	25%	5.12	5.30
2003	866	212	240	23	24%	4.83	5.33
2004	837	278	241	21	23%	4.76	5.35
2005	993	262	391	32	34%	4.31	5.72
2006	1,200	412	412	79	25%	4.52	5.46
2007	1,332	533	572	108	28%	4.25	5.40
2008	1,599	614	657	157	27%	4.42	5.48

### Distribution of 2008 Archery Antelope by county of harvest

County	No. Reports	% of Total	County	No. Reports	% of Total	County	No. Reports	% of Total
Harding	127	52.7%	Stanley	3	1.2%	Jones	1	0.4%
Meade	28	11.6%	Ziebach	2	0.8%	Haakon	1	0.4%
Perkins	27	11.2%	Custer	2	0.8%	Corson	1	0.4%
Butte	23	9.5%	Lawrence	2	0.8%	Bennett	1	0.4%
Fall River	10	4.1%	Walworth	1	0.4%			
Pennington	7	2.9%	Tripp	1	0.4%			

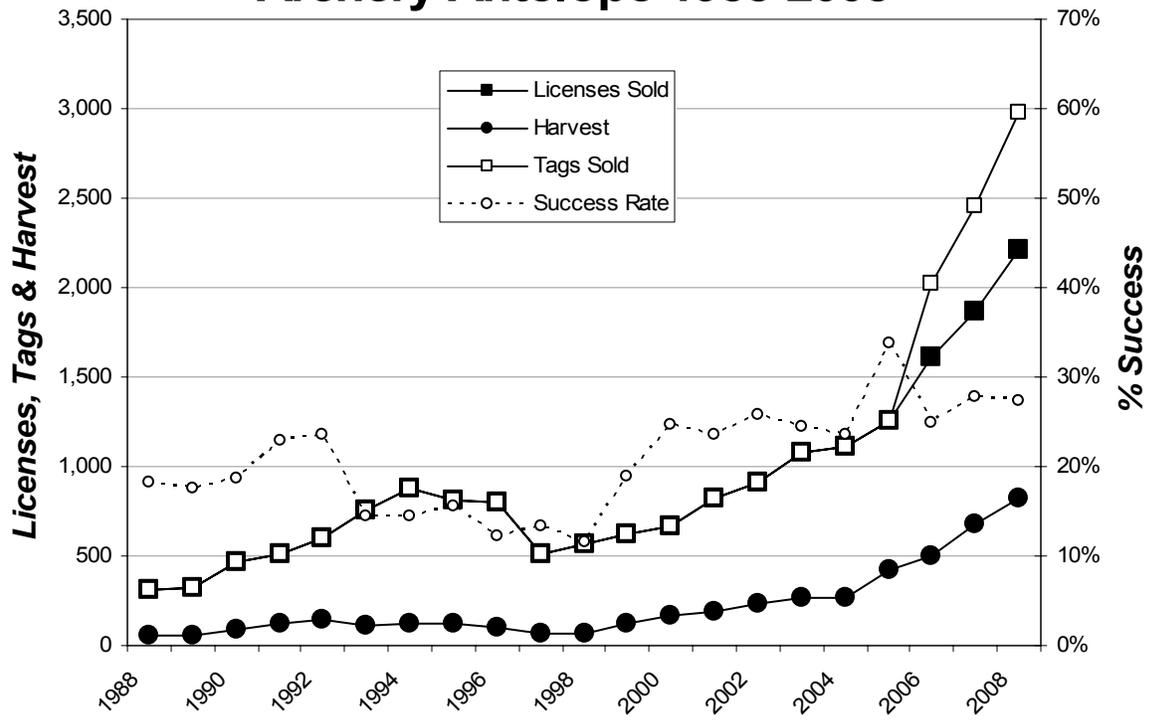
**South Dakota Game Report No 2009-03 - 2008 Big Game Harvest Projections**  
*Corey Huxoll*

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Sully	3	1.2%	Potter	1	0.4%	Total	241
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## Archery Antelope 1988-2008



## **FIREARM ANTELOPE**

There were a total of 15,361 licenses available (14,215 resident, 1,146 nonresident) for the 2008 Firearm Antelope hunting season. A total of 12,833 licenses were sold (11,443 resident, 1,390 nonresident) representing 33,835 total tags.

The primary Firearm Antelope season was open 16 days from October 4-19. Any unsold or unfilled tags in the units in Butte, Meade, Harding and Perkins Counties converted to "doe/kid" tags and were valid in any of those four units during the West River Deer season, which was open November 8-30, 2008 and January 1-9, 2009 in those units.

A random sample of 4,630 hunters was taken from total license sales and 3,795 surveys were returned for an 82% response rate. Approximately 43% responded over the Internet.

Respondents reported hunting an average of 2.43 days each, which projected to 29,999 total recreation days for the season. Of those responding, 6.9% reported they did not hunt at all.

The harvest projection for the season was 6,392 adult bucks, 7,859 adult does, 1,150 kid bucks, and 1,655 kid does for a total of 17,056 antelope. The projected overall success for the season was 50%. From hunter reports, an estimated 1,019 doe/kid antelope were harvested during the November and January West River Deer seasons. An estimated 111 doe/kid antelope were harvested during the extended seasons in units outside the original unit in which the license was valid.

### Harvest summaries for the 1999-2008 Firearm Antelope seasons

<b>YEAR</b>	<b>Licenses Sold</b>		<b>Harvest</b>			<b>Success</b>	<b>Avg. Days Hunted</b>	<b>Average Satisfaction</b>
	<b>Resident</b>	<b>Nonres</b>	<b>Bucks</b>	<b>Does</b>	<b>Total</b>			
1999	3,651	0	1,882	745	2,627	72%	1.90	4.98
2000	4,165	0	2,194	1,148	3,342	71%	1.71	5.31
2001	4,651	314	3,006	1,650	4,656	70%	1.82	5.30
2002	4,495	318	2,957	1,487	4,444	68%	1.92	5.39
2003	5,340	419	3,671	2,277	5,948	70%	2.04	5.39
2004	5,783	448	3,900	3,132	7,032	71%	2.07	5.36
2005	7,150	659	4,633	4,188	8,821	64%	1.82	5.62
2006	8,540	812	6,213	5,586	11,799	67%	2.08	5.08
2007	10,174	1,070	7,123	6,546	13,669	62%	2.23	5.28
2008	11,443	1,390	7,542	9,514	17,056	50%	2.43	5.11

South Dakota Game Report No 2009-03 - 2008 Big Game Harvest Projections  
 Corey Huxoll

## 2008 Firearm Antelope Harvest Projections

Last Revised: 9 April 2009

Unit Description	Unit	Type	Residents			Nonresidents			Tags Sold	Response Rate	Harvest Projections					Mean Satisf Score	Avg Days Hunted				
			Appl. 1st		Sold	Appl. 1st		Sold			Success			Adults				Kids		Total Harvest	
			Choice *	Available		Choice *	Available				1st tag	2nd tag	3rd tag	Bucks	Does			Bucks	Does		
Pennington NE	02A	48	37	80	65	3	7	5	140	81%	#	43%	37%	27	18	9	4	58	4.81	2.17	
Pennington SE	02C	48	184	100	100	12	8	8	216	89%	#	72%	63%	74	49	9	12	145	5.37	2.16	
	02C	49	3	100	51	1	8	3	108	84%	#	70%	56%	2	56	4	9	70	5.08	2.30	
Bennett/Shannon	11A	48	82	60	60	7	5	5	130	82%	#	78%	46%	48	26	5	1	80	5.24	3.14	
Corson1	20A	48	244	150	150	17	12	11	322	80%	#	75%	55%	114	63	15	14	207	5.46	1.95	
	20A	49	3	150	40	3	12	8	96	95%	#	67%	28%	3	26	13	7	48	5.41	2.00	
Corson2	20E	48	51	150	141	6	12	11	304	92%	#	65%	37%	78	54	14	7	154	5.22	2.44	
	20E	49	1	150	3	1	12	1	8	100%	#	50%	0%	0	2	0	0	2	6.00	2.00	
Custer/Penn C	21A	48	179	125	125	9	10	10	270	90%	#	73%	44%	101	51	7	7	165	5.25	2.94	
	21A	49	9	50	55	0	4	3	116	93%	#	44%	24%	0	32	5	2	40	4.87	3.12	
Dewey1	24A	48	72	100	107	1	8	8	230	81%	#	43%	24%	51	21	4	5	86	4.89	2.02	
	24A	49	1	50	5	0	4	0	10	100%	#	67%	33%	0	3	0	2	0	5.67	2.67	
Dewey2	24E	48	23	50	43	2	4	2	90	78%	#	48%	38%	20	14	5	0	43	5.05	2.43	
	24E	49	0	50	0	2	4	3	6	100%	#	100%	0%	0	3	0	0	0	7.00	3.00	
F River/Custer SW1	27A	48	857	400	401	70	32	32	866	80%	#	59%	38%	255	118	17	31	414	4.52	2.10	
	27A	49	29	400	257	31	32	56	626	86%	#	69%	45%	0	257	27	54	351	5.23	2.12	
F River/Custer SW2	27E	48	197	400	400	27	32	30	860	91%	#	43%	35%	182	120	35	0	329	4.21	2.61	
	27E	49	17	400	58	3	32	19	154	85%	#	45%	18%	0	34	7	6	48	4.90	2.36	
Haakon	31A	48	87	200	150	11	16	16	332	78%	#	46%	42%	70	57	9	13	149	4.38	2.77	
Hughes/Hyde	36A	41	47	70	80	1	6	2	82	82%	#	52%		33	9	0	1	43	4.55	2.37	
Jackson	39A	48	212	200	200	28	16	16	432	84%	#	58%	53%	113	88	18	19	238	4.39	2.22	
	39A	49	0	100	27	2	8	7	68	83%	#	67%	20%	0	23	2	5	30	5.14	1.93	
Jones	41A	48	99	150	141	15	12	16	314	82%	#	75%	54%	110	77	5	7	199	5.22	2.28	
	41A	49	5	30	8	1	3	2	20	88%	#	100%	57%	1	16	0	0	17	5.71	2.43	
Lyman	45A	48	100	150	147	3	12	6	306	88%	#	51%	46%	73	62	7	11	153	4.80	2.23	
	45A	49	9	75	11	1	6	2	26	89%	#	75%	50%	0	16	0	2	18	4.88	2.00	
Ft Pr Nat Grslnd	45B	48	210	30	35	8	3	3	76	95%	#	43%	24%	16	7	0	2	25	4.63	2.24	
	45B	49	34	80	80	9	7	7	174	93%	#	56%	26%	0	45	13	15	73	4.20	2.64	
Mellette	50A	48	49	125	91	7	10	7	196	89%	#	58%	36%	48	29	9	3	89	5.00	2.44	
	50A	49	0	30	2	1	3	2	8	67%	#	0%	0%	0	0	0	0	0	6.00	2.50	
Stanley	58A	43	8	40	18	0	4	7	25	58%	#	57%		0	13	0	0	15	6.14	2.29	
	58A	48	89	100	105	4	8	3	216	80%	#	48%	31%	54	27	7	0	88	5.04	2.02	
Sully	59A	48	86	40	43	1	4	1	88	84%	#	69%	41%	29	12	3	2	44	5.13	2.28	
	59A	49	2	40	38	0	4	0	76	85%	#	47%	24%	0	16	0	6	24	4.47	2.59	
Tripp	60A	48	37	40	43	1	4	1	88	90%	#	56%	42%	22	11	8	3	44	4.76	2.58	
	60A	49	3	20	8	0	2	0	16	88%	#	71%	57%	0	6	2	3	10	5.00	2.14	
Walworth/Potter	63A	48	74	40	40	5	4	4	88	74%	#	46%	32%	18	13	0	0	31	4.78	2.57	
	63A	49	7	40	37	2	4	2	78	81%	#	52%	44%	0	29	1	4	34	4.48	2.56	
Ziebach 1	64A	48	287	200	200	22	16	16	432	82%	#	77%	52%	159	93	6	12	269	5.05	2.06	
	64A	49	2	50	35	8	4	6	82	90%	#	56%	33%	0	25	8	0	35	4.56	2.56	
Ziebach 2	64E	48	43	200	143	5	16	24	334	84%	#	62%	49%	97	70	3	8	177	5.29	2.23	
	64E	49	0	50	4	0	4	4	16	100%	#	100%	50%	4	7	3	0	15	7.00	2.00	
Butte NW1	15A	44	395	350	348	39	28	28	1,128	77%	#	71%	54%	247	253	54	85	639	5.69	2.39	
	15A	45	5	100	45	9	8	17	186	81%	#	65%	35%	6%	0	42	8	18	66	5.53	2.47
Butte NW2	15E	44	67	250	180	5	20	32	636	77%	#	61%	49%	113	101	4	19	239	4.92	3.11	
	15E	45	2	50	6	3	4	9	45	100%	#	69%	50%	15%	0	6	0	6	12	6.00	2.80
Butte/Lawrence1	15B	44	873	500	499	84	40	40	1,617	82%	#	56%	31%	316	322	74	90	801	5.67	2.04	
	15B	45	14	250	161	27	20	31	576	79%	#	40%	40%	0%	0	163	48	52	261	5.32	3.12
Butte/Lawrence2	15F	44	177	450	456	37	36	49	1,515	80%	#	52%	45%	256	335	39	57	688	5.10	2.39	
	15F	45	5	200	27	7	16	18	135	60%	#	67%	33%	0	30	0	23	54	4.33	2.83	
Harding W1	35A	44	874	400	403	171	32	34	1,311	86%	#	78%	61%	343	315	27	52	737	5.80	1.92	
	35A	45	25	350	219	38	28	64	849	86%	#	84%	51%	27%	0	337	34	76	449	5.38	2.73
Harding W2	35E	44	272	550	578	96	44	57	1,905	81%	#	82%	58%	394	426	41	65	927	5.57	2.52	
	35E	45	2	100	34	13	8	22	168	78%	#	75%	63%	0	69	28	24	118	5.83	2.29	
Harding E1	35B	44	917	500	499	132	40	40	1,617	84%	#	65%	46%	447	362	30	92	917	5.27	2.10	
	35B	45	17	250	177	31	20	44	663	80%	#	71%	71%	7	243	65	38	369	5.71	2.28	
Harding E2	35F	44	273	500	499	60	40	40	1,617	81%	#	64%	44%	354	322	34	60	761	5.46	2.53	
	35F	45	9	200	55	6	16	33	264	54%	#	86%	57%	0	84	21	46	158	4.17	3.00	
Meade N1	49A	44	745	350	349	115	28	28	1,131	87%	#	69%	57%	255	262	51	49	616	5.33	2.31	
	49A	45	23	200	174	7	16	25	597	66%	#	67%	51%	28%	5	184	26	69	286	4.97	2.36
Meade N2	49E	44	138	450	442	37	36	48	1,470	84%	#	63%	47%	309	363	39	41	751	5.45	2.42	
	49E	45	4	100	12	10	8	15	81	100%	#	50%	0%	0	38	0	8	46	6.57	2.86	
Meade S1	49B	44	224	325	310	16	26	30	1,020	80%	#	67%	53%	213	265	24	28	530	5.36	2.73	
	49B	45	5	100	13	3	8	3	48	33%	#	86%	57%	29%	0	8	0	0	8	6.50	2.50
Meade S2	49F	44	35	175	72	3	14	11	249	68%	#	48%	29%	14%	44	38	4	0	87	4.89	2.62
	49F	45	0	100	7	0	8	0	21	100%	#	100%	0%	0%	0	7	0	0	7	7.00	2.00
Perkins N1	53A	44	576	300	299	93	24	24	969	81%	#	53%	44%	179	162	44	36	416	4.93	2.38	
	53A	45	12	200	135	28	16	39	522	81%	#	76%	59%	21%	0	163	28	82	280	4.69	2.74

(continued next page)

**South Dakota Game Report No 2009-03 - 2008 Big Game Harvest Projections**  
 Corey Huxoll

Unit Description	Unit	Type	Residents			Nonresidents			Harvest Projections									Mean Satisf	Avg Days Hunted
			Appl. 1st	Available	Sold	Appl. 1st	Available	Sold	Tags	Success			Adults		Kids		Total		
			Choice *			Choice *			Sold	1st tag	2nd tag	3rd tag	Bucks	Does	Bucks	Does	Harvest		
Perkins N2	53E	44	120	400	316	22	32	47	1,089	84%	55%	25%	195	203	49	52	496	5.27	3.08
	53E	45	2	100	9	7	8	13	66	93%	86%	50%	0	28	0	0	30	3.67	3.33
Perkins S1	53B	44	710	500	499	106	40	40	1,617	55%	41%	29%	437	314	53	52	845	5.32	2.15
	53B	45	19	200	115	34	16	58	519	33%	33%	33%	0	295	19	50	373	5.64	2.25
Perkins S2	53F	44	156	550	445	32	44	65	1,530	63%	47%	31%	299	298	21	85	702	4.97	2.42
	53F	45	3	100	12	9	8	17	87	100%	67%	33%	0	44	0	9	55	5.67	2.33
Landowner Own Land	ST1	41		Unltd	140				140	64%			81	5	0	3	88	5.20	2.18
	ST1	48		Unltd	161				322	67%	40%		98	69	4	11	183	4.94	2.53
<b>Totals</b>			<b>10,178</b>	<b>14,215</b>	<b>11,443</b>	<b>1,610</b>	<b>1,146</b>	<b>1,390</b>	<b>33,835</b>				<b>8,402</b>	<b>7,858</b>	<b>1,149</b>	<b>1,656</b>	<b>17,057</b>	<b>5.11</b>	<b>2.43</b>
										Type 44:	65%	49%	29%						
										Type 45:	76%	56%	28%						
										Type 48:	59%	43%							
										Type 49:	61%	35%							

The response rate for all units combined is: **81.9%**  
 # These units showed less than 85% response so harvest projections may not be within (+/-) 15% of sample statistic  
 Satisfaction is based on a scale of 1-7, where "1" is most dissatisfied, "4" is neutral and "7" is most satisfied.  
 \* Number of 1st drawing applicants with that season as 1st choice.

## 2008 Firearm Antelope Harvest Projections

Last Revised: 9 April 2009

Unit	Residents		Nonresidents		Tags Sold	Response Rate	Unit/Subunit	Harvest Projections				Total Harvest	Avg Satisf	Avg Days Hunted		
	Hunters	Available	Sold	Available				Sold	Success	Adults Bucks	Adults Does				Kids Bucks	Kids Does
Bennett/Shannon	65	60	60	5	5	130	82%	#	62%	48	26	5	1	80	5.24	3.14
Corson	358	600	334	48	31	730	87%		56%	195	145	42	29	411	5.39	2.13
Custer E /Penn C	191	175	180	14	13	386	89%		53%	101	83	12	9	205	5.18	3.02
Dewey	161	250	155	20	13	336	81%	#	38%	71	42	9	7	129	5.02	2.24
Fall River /Custer SW	1,169	1,600	1,116	128	137	2,506	86%		46%	437	528	86	91	1,142	4.61	2.38
Ft Pr Nat Grslnd	123	110	115	10	10	250	94%		39%	16	52	13	17	98	4.29	2.57
Haakon	160	200	150	16	16	332	77%	#	45%	70	57	9	13	149	4.49	2.74
Hughes/Hyde	76	70	80	6	2	82	81%	#	52%	33	9	0	1	43	4.49	2.44
Jackson	247	300	227	24	23	500	84%	#	54%	113	111	20	24	268	4.47	2.22
Jones	162	180	149	15	18	334	84%	#	65%	111	93	5	7	216	5.27	2.32
Lyman	159	225	158	18	8	332	89%		52%	73	78	7	13	171	4.82	2.36
Mellette	98	155	93	13	9	204	88%		44%	48	29	9	3	89	5.07	2.39
Pennington NE	70	80	65	7	5	140	81%	#	41%	27	18	9	4	58	4.64	2.29
Pennington SE	159	200	151	16	11	324	88%		66%	76	105	13	21	215	5.26	2.24
Stanley	131	140	123	12	10	241	78%	#	43%	54	40	7	2	103	5.08	2.06
Sully	75	80	81	8	1	164	82%	#	41%	29	28	3	8	68	4.87	2.29
Tripp	52	60	51	6	1	104	90%		52%	22	17	10	5	54	4.80	2.51
Walworth/Potter	82	80	77	8	6	166	78%	#	39%	18	42	1	4	65	4.58	2.76
Ziebach	412	500	382	40	50	864	85%		57%	260	196	20	20	496	5.04	2.16
Butte NW	640	750	579	60	86	1,995	78%	#	48%	360	402	66	129	957	5.48	2.64
Butte/Lawrence	1,226	1,400	1,143	112	138	3,843	80%	#	47%	572	850	160	222	1,804	5.38	2.35
Harding E	1,352	1,450	1,230	116	157	4,161	81%	#	53%	808	1,010	151	236	2,205	5.37	2.34
Harding W	1,354	1,400	1,234	112	177	4,233	84%	#	53%	737	1,148	130	217	2,232	5.62	2.36
Meade N	1,053	1,100	977	88	116	3,279	82%	#	52%	569	848	116	167	1,700	5.37	2.40
Meade S	429	700	402	56	44	1,338	77%	#	47%	257	319	28	28	632	5.37	2.72
Perkins N	865	1,000	759	80	123	2,646	80%	#	46%	374	557	121	169	1,221	5.04	2.75
Perkins S	1,175	1,350	1,071	108	180	3,753	81%	#	53%	736	951	93	195	1,975	5.24	2.27
Landowner Own Land	301	Unltd	301	0	0	462	74%	#	59%	179	74	4	14	271	5.06	2.36
<b>Totals</b>	<b>12,345</b>	<b>14,215</b>	<b>11,443</b>	<b>1,146</b>	<b>1,390</b>	<b>33,835</b>	<b>82.0%</b>	<b>#</b>	<b>50%</b>	<b>6,394</b>	<b>7,858</b>	<b>1,149</b>	<b>1,656</b>	<b>17,057</b>	<b>5.11</b>	<b>2.43</b>
										<b>37.5%</b>	<b>46.1%</b>	<b>6.7%</b>	<b>9.7%</b>	<b>100%</b>		

# These units showed less than 85% response so harvest projections may not be within (+/-) 15% of sample statistic  
 The response rate for all units combined is: **82.0%**  
 Satisfaction is based on a scale of 1-7, where "1" is very dissatisfied, "4" is neutral and "7" is very satisfied.

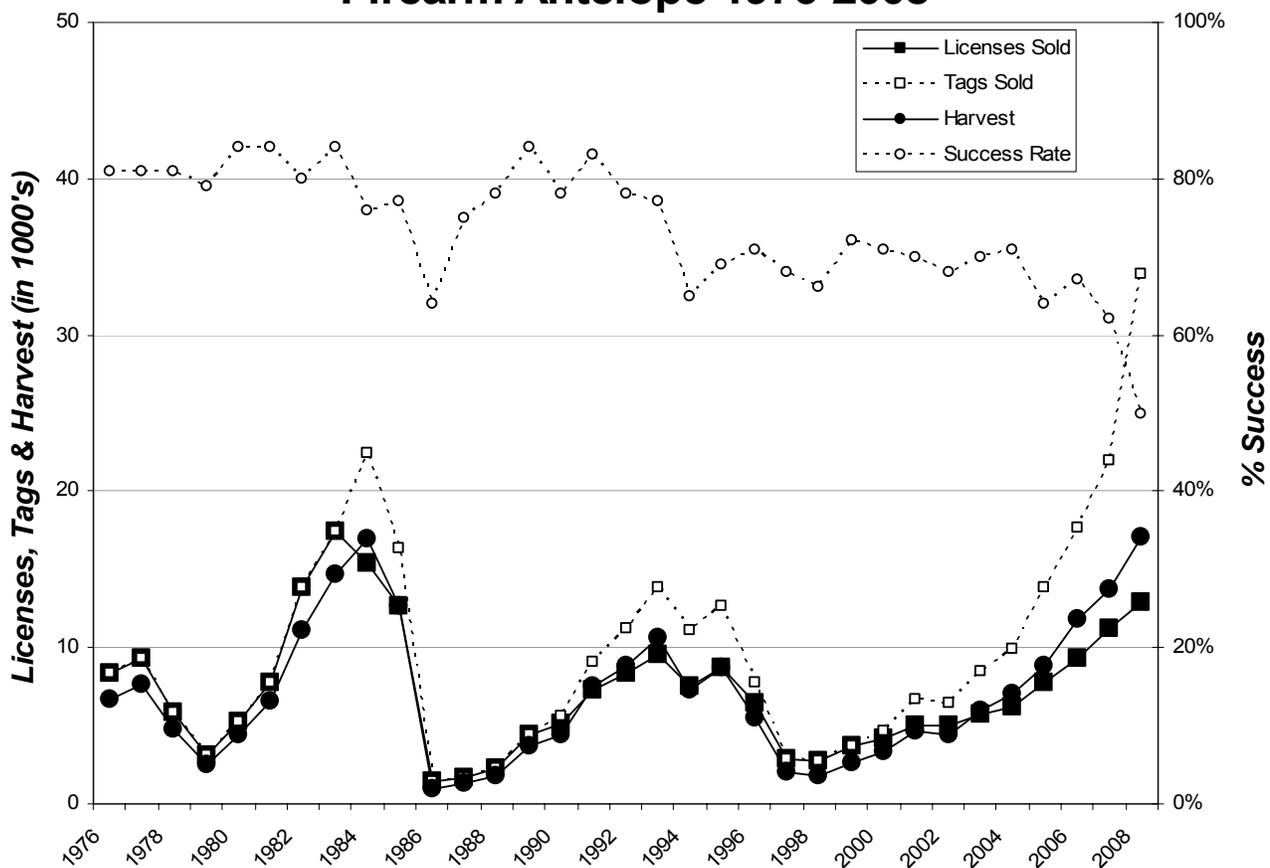
**2008 NW Units Firearm Antelope harvest by date**

	Total	Oct 4-19	Nov 8-30	January 1-9
Reports	2,747	2,517	166	64
Percent of total		92%	6%	2%
Projected	12,726	11,708	764	255

**2008 NW Units Firearm Antelope Doe/Kid harvest by date**

	Total	Oct 4-19	Nov 8-30	January 1-9
Reports	1,809	1,579	166	64
Percent of total		88%	9%	3%
Projected	8,313	7,294	764	255

**Firearm Antelope 1976-2008**



# ARCHERY ELK

A total of 202 resident licenses were issued for the 2008 Archery Elk season. All license holders were sent a survey at the end of the season and 186 responded for a 93.9% response rate. Approximately 33% of responding hunters used the Internet response system.

Respondents reported hunting an average of 10.87 days for a total of 2,153 days of recreation. The projected harvest was 47 bulls and 9 cows for an overall success rate of 28%.

Hunter satisfaction was based on a numerical scale from 1 (very dissatisfied) to 7 (very satisfied) and averaged 5.31 for the season.

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

## Harvest comparison of the 1998-2008 Archery Elk seasons

YEAR	Licenses	Harvest			Success	Avg. Days Hunted	Average Satisfaction
	Sold	Bulls	Cows	Total			
1998	120	22	5	27	23%	12.50	NA
1999	130	25	4	29	22%	12.81	NA
2000	123	38	5	43	35%	10.80	NA
2001	140	34	1	35	25%	12.39	NA
2002	151	34	14	49	32%	11.41	5.56
2003	192	48	10	58	30%	11.29	5.53
2004	192	47	12	59	31%	10.95	5.49
2005	267	42	14	56	21%	10.10	5.39
2006	247	30	17	47	19%	10.00	5.12
2007	237	41	22	63	27%	10.58	5.27
2008	202	47	9	56	28%	10.87	5.31

## 2008 Archery Elk Harvest Projections

Last Revised: 23 March 09

Unit/Type	Resident Licenses				Harvest Projections							Avg Satisfctn Score	Avg Days Hunted	Land Hunted Most		
	Appl. 1st Choice *	Avail.	Sold	Resp.	Success	Bulls	Cows	Calves	Cow Calves	Total Elk Harvested	Elk Shot Not Recovered			Public	Own	Other
H1A-21	529	25	23	91%	57%	13	0	0	0	13	3	6.0	11.7	22	0	1
H1A-23	1	30	30	93%	10%	0	1	1	1	3	1	5.4	9.9	30	0	0
H2A-21	2,474	55	54	96%	48%	22	3	1	0	26	11	6.2	12.3	51	1	0
H2A-23	10	25	25	96%	4%	0	1	0	0	1	0	5.3	7.2	23	0	0
H3A-21	363	20	20	90%	30%	6	0	0	0	6	3	4.6	12.7	12	2	4
H3A-23	3	10	10	100%	10%	0	1	0	0	1	0	4.9	7.4	9	0	1
H4A-21	13	5	5	80%	#	0	0	0	0	0	0	5.0	6.3	3	0	3
H5A-21	41	5	4	100%	25%	1	0	0	0	1	0	3.8	12.5	4	0	0
H7A-21	215	10	10	100%	50%	3	2	0	0	5	1	4.6	16.8	10	0	0
H7A-23	0	5	5	100%	0%	0	0	0	0	0	0	5.0	14.0	3	0	2
H9A-21	3	2	2	100%	0%	0	0	0	0	0	0	1.5	10.5	2	0	0
H9A-23	0	4	4	100%	0%	0	0	0	0	0	1	3.0	5.0	3	0	1
30A-21	8	2	2	0%	#	0	0	0	0	0	0					
30A-23	0	4	4	100%	0%	0	0	0	0	0	0	2.8	8.3	1	0	3
<b>TOTAL</b>	<b>3,660</b>	<b>202</b>	<b>198</b>	<b>93.9%</b>	<b>28.3%</b>	<b>45</b>	<b>8</b>	<b>2</b>	<b>1</b>	<b>56</b>	<b>20</b>	<b>5.31</b>	<b>10.87</b>	<b>175</b>	<b>3</b>	<b>15</b>

The response rate for all units combined is: 93.9%

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

# Harvest projections were developed for units where response rate was less than 85% and

may not be within +/- 15% of the sample statistic.

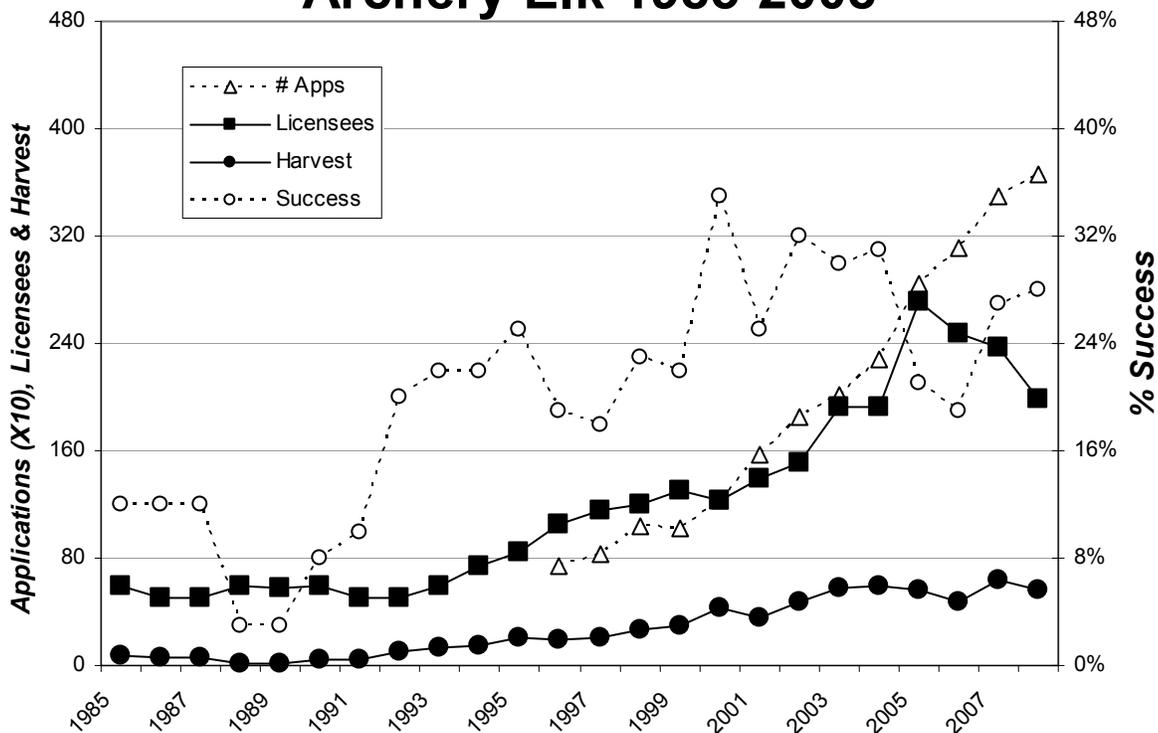
\* Number of 1st drawing applicants with that unit as 1st choice.

## 2008 Archery Elk Harvest Date Distribution

Kill Date	Reported	Percent	Kill Date	Reported	Percent
9/1	0	0.00%	9/16	1	2.04%
9/2	2	4.08%	9/17	4	8.16%
9/3	3	6.12%	9/18	2	4.08%
9/4	1		9/19	1	2.04%
9/5	0	0.00%	<b>9/20</b>	1	2.04%
<b>9/6</b>	3	6.12%	<b>9/21</b>	1	2.04%
<b>9/7</b>	0	0.00%	9/22	0	0.00%
9/8	0	0.00%	9/23	4	8.16%
9/9	0	0.00%	9/24	3	6.12%
9/10	1	2.04%	9/25	2	4.08%
9/11	1	2.04%	9/26	2	
9/12	1	2.04%	<b>9/27</b>	5	10.20%
<b>9/13</b>	3		<b>9/28</b>	4	8.16%
<b>9/14</b>	0	0.00%	9/29	0	0.00%
9/15	1	2.04%	9/30	3	
<b>Total</b>				<b>49</b>	

Weekend dates are in bold

## Archery Elk 1985-2008



# **BLACK HILLS FIREARM ELK**

A total of 1,675 licenses were issued for the 2008 Black Hills Firearm Elk season. All license holders were sent a survey at the end of the season and 1,559 responded for a 93.4% response rate (5 surveys were undeliverable). Approximately 33% responded using the Internet response system.

Respondents reported hunting an average of 6.57 days which projects to a total of 11,005 days of recreation for the season. The projected harvest was 473 bulls and 390 cows for an overall success rate of 51.5%.

Hunter satisfaction was based on a numerical scale from 1 (very dissatisfied) to 7 (very satisfied) and averaged 4.62 for the season.

Approximately 82% of responding hunters reported hunting on public land, 12% on private land they do not own, and 6% on private land they own.

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

## Harvest comparison of the 1998-2008 Black Hills Firearm Elk seasons

Year	# Apps 1 <sup>st</sup> Choice	Licenses Sold	Harvest			Success Rate	Avg. Days Hunted	Average Satisfaction
			Bulls	Cows	Total			
1998	10,514	752	335	175	510	67%	6.40	NA
1999	11,120	1,019	435	234	669	66%	6.54	NA
2000	11,953	1,083	467	278	745	69%	6.30	NA
2001	12,114	1,124	440	281	721	64%	6.67	NA
2002	11,998	1,229	400	486	886	72%	6.19	5.70
2003	11,852	1,579	403	653	1,056	67%	6.76	5.32
2004	13,538	1,798	379	722	1,101	61%	5.96	5.22
2005	14,687	2,670	511	884	1,395	52%	6.04	4.83
2006	13,392	2,470	525	833	1,358	55%	6.18	4.55
2007	13,916	2,075	559	505	1,064	51%	6.77	4.52
2008	13,083	1,675	473	390	863	52%	6.57	4.62

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

## 2008 Black Hills Firearm Elk Harvest Projections

Last Revised: 23 March 09

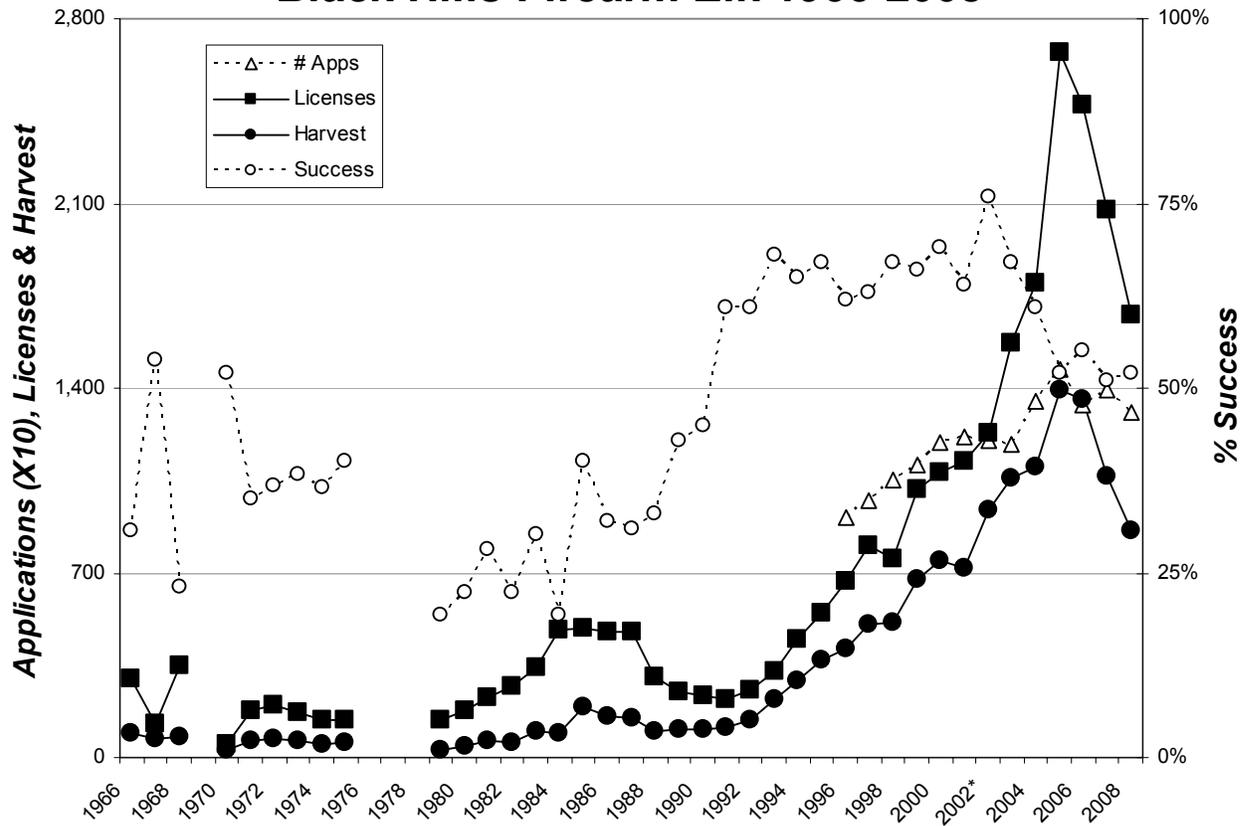
Unit/Type	Resident Licenses					Harvest Projections						Avg Satisfctn Score	Avg Days Hunted	Land Hunted Most				
	Appl. 1st					Bull	Cow	Total Elk	Elk Shot Not	Recovered	Public			Own	Other			
	Choice *	Avail.	Sold	Resp.	Success	Bulls	Cows	Calves	Calves	Harvested	Recovered			Score	Hunted	Public	Own	Private
H1A-21	1,408	100	99	97%	56%	43	8	4	0	56	7	4.67	9.0	91	6	1		
H1B-23	45	70	70	87%	56%	0	33	5	1	39	2	5.17	5.4	64	0	5		
H1C-23	25	70	70	90%	57%	1	32	4	2	40	1	5.00	5.3	61	1	3		
H2A-21	8,584	300	300	97%	83%	234	12	2	1	249	19	5.83	6.2	283	9	2		
H2B-23	142	100	100	89%	48%	0	45	1	2	48	2	5.28	5.3	85	0	3		
H2C-23	37	100	100	95%	56%	5	47	1	2	56	3	5.06	4.9	95	0	1		
H2D-23	39	50	50	96%	77%	0	34	3	1	39	2	5.66	4.7	48	0	0		
H2E-23	27	50	50	94%	79%	0	37	0	2	39	3	6.11	2.7	46	0	1		
H3A-21	1,780	175	174	96%	53%	88	5	0	0	93	5	4.41	7.4	107	36	26		
H3B-23	52	150	150	91%	29%	1	35	4	2	43	4	3.59	7.7	109	1	30		
H3C-23	16	150	150	91%	22%	1	29	0	3	33	3	3.68	6.4	124	0	18		
H4A-21	81	40	40	93%	54%	22	0	0	0	22	0	4.21	5.6	4	19	15		
H4B-23	3	40	40	93%	32%	0	13	0	0	13	1	4.68	4.4	9	2	25		
H4C-23	0	40	40	92%	31%	0	11	0	1	13	2	4.50	4.0	8	1	25		
H5A-21	73	15	16	88%	50%	8	0	0	0	8	0	4.23	8.1	13	3	0		
H5B-23	1	5	5	60%	# 0%	0	0	0	0	0	0	3.00	3.3	3	0	0		
H5C-23	0	5	5	80%	# 50%	0	3	0	0	3	0	6.50	5.3	4	0	0		
H7A-21	707	100	100	95%	41%	36	3	1	1	41	2	3.29	11.7	79	8	7		
H7B-23	16	30	31	81%	# 16%	0	5	0	0	5	2	3.53	6.6	22	0	2		
H7C-23	5	30	30	97%	21%	0	5	0	1	6	2	3.48	6.6	27	1	0		
H9A-21	42	25	25	92%	35%	9	0	0	0	9	0	3.42	6.1	3	9	10		
H9B-23	0	15	15	100%	27%	0	4	0	0	4	0	3.69	7.0	4	1	9		
H9C-23	0	15	15	93%	36%	0	5	0	0	5	0	4.08	6.4	5	1	8		
<b>13,083</b>	<b>1,675</b>	<b>1,675</b>	<b>93.4%</b>	<b>51.5%</b>		<b>447</b>	<b>369</b>	<b>26</b>	<b>21</b>	<b>863</b>	<b>63</b>	<b>4.62</b>	<b>6.57</b>	<b>1,298</b>	<b>102</b>	<b>189</b>		
The response rate for all units combined is:						93.4%						82%					6%	12%
Satisfaction scale of 1=very dissatisfied to 7=very satisfied.																		
# Harvest projections were developed for units where response rate was less than 85% and may not be within +/- 15% of the sample statistic.																		
* Number of 1st drawing applicants with that unit as 1st choice.																		

## 2008 Black Hills Firearm Elk Harvest Date Distribution

Kill Date	Reported	Percent	Kill Date	Reported	Percent	Kill Date	Reported	Percent
10/1	82	11.13%	10/16	23	3.12%	12/1	21	2.85%
10/2	54	7.33%	10/17	11	1.49%	12/2	8	1.09%
10/3	45	6.11%	<b>10/18</b>	22	2.99%	12/3	14	1.90%
<b>10/4</b>	40	5.43%	<b>10/19</b>	9	1.22%	12/4	8	1.09%
<b>10/5</b>	25	3.39%	10/20	14	1.90%	12/5	8	1.09%
10/6	25	3.39%	10/21	10	1.36%	<b>12/6</b>	25	3.39%
10/7	19	2.58%	10/22	12	1.63%	<b>12/7</b>	8	1.09%
10/8	14	1.90%	10/23	14	1.90%	12/8	4	0.54%
10/9	9	1.22%	10/24	15	2.04%	12/9	4	0.54%
10/10	23	3.12%	<b>10/25</b>	19	2.58%	12/10	2	0.27%
<b>10/11</b>	24	3.26%	<b>10/26</b>	12	1.63%	12/11	6	0.81%
<b>10/12</b>	21	2.85%	10/27	2	0.27%	12/12	8	1.09%
10/13	12	1.63%	10/28	5	0.68%	<b>12/13</b>	8	1.09%
10/14	6	0.81%	10/29	8	1.09%	<b>12/14</b>	3	0.41%
10/15	11	1.49%	10/30	4	0.54%	12/15	7	0.95%
			10/31	13	1.76%			
<b>Total</b>							<b>737</b>	
<b>October</b>							<b>603</b>	<b>81.8%</b>
<b>December</b>							<b>134</b>	<b>18.2%</b>

Weekend dates are in bold

### Black Hills Firearm Elk 1966-2008



\*2002 elk harvest and success includes regular and special extended season estimates combined.

# PRAIRIE FIREARM ELK

A total of 76 licenses were issued for the 2008 Prairie Firearm Elk season. All license holders were sent a survey at the end of the season and 65 responded for an 85.5% response rate. Approximately 33% responded using the Internet.

Respondents reported hunting an average of 7.46 days for a total of 567 days of recreation. The projected harvest was 18 bulls and 17 cows for an overall success rate of 46%.

Hunter satisfaction was based on a numerical scale from 1 (very dissatisfied) to 7 (very satisfied) and averaged 4.29 for the season.

Approximately 76% of responding hunters reported hunting mostly on private land they do not own, 4% on public land and 20% on private land they own.

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

## Harvest summary comparison for 1998-2008 Prairie Firearm Elk seasons

YEAR	Licenses	Harvest			Success	Avg. Days Hunted	Average Satisfaction
	Sold	Bulls	Cows	Total			
1998	38	10	15	25	66%	NA	NA
1999	44	19	8	27	61%	NA	NA
2000	37	12	6	18	49%	NA	NA
2001	42	11	5	16	38%	5.29	NA
2002	46	19	10	29	63%	6.27	4.39
2003	82	25	18	43	52%	6.38	4.31
2004	90	15	16	31	34%	6.40	4.07
2005	89	20	22	42	47%	6.20	4.92
2006	76	20	21	41	54%	5.62	4.30
2007	76	19	16	35	46%	5.87	4.58
2008	76	18	17	35	46%	7.46	4.29

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

## 2008 Prairie Firearm Elk Harvest Projections

Last Revised: 23 March 09

Unit/Type	Resident Licenses					Harvest Projections					Avg Satisfctn Score	Avg Days Hunted	Land Hunted Most			
	Appl. 1st		Sold	Resp.	Success	Bulls	Cows	Bull Calves	Cow Calves	Total Elk Harvested			Elk Shot Not Recovered	Public	Own	Other
	Choice *	Avail.														
11A-21	395	10	10	90%	100%	7	3	0	0	10	1	4.7	5.1	0	4	6
11A-23	7	10	10	90%	100%	0	9	0	1	10	0	6.1	4.2	0	0	10
11B-21	185	8	8	75%	# 33%	3	0	0	0	3	0	4.3	8.7	1	3	4
11B-23	6	8	8	88%	14%	0	1	0	0	1	0	3.0	3.4	0	0	6
15A-21	630	10	10	90%	67%	7	0	0	0	7	0	4.8	7.8	0	4	6
15A-23	31	20	20	80%	# 13%	0	3	0	0	3	1	3.5	6.1	0	1	14
30A-21	247	2	2	100%	100%	2	0	0	0	2	0	1.0	35.0	0	0	1
30A-23	13	8	8	88%	0%	0	0	0	0	0	1	3.8	12.6	1	0	2
	<b>1,514</b>	<b>76</b>	<b>76</b>	<b>85.5%</b>	<b>46.0%</b>	<b>18</b>	<b>16</b>	<b>0</b>	<b>1</b>	<b>35</b>	<b>4</b>	<b>4.29</b>	<b>7.46</b>	<b>2</b>	<b>13</b>	<b>48</b>

The response rate for all units combined is: 85.5%

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

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

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

## **Statewide Combined Deer Harvest**

There were 86,062 resident deer licenses (plus unlimited licenses) available in 2008 and 118,816 were issued. Nonresidents had 3,577 licenses (plus unlimited licenses) available and 9,897 were issued. Statewide, there were a total of 128,713 licenses sold that represented a total of 189,159 tags, an increase in 9,501 licenses and 8,356 tags from 2007.

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

The projected statewide deer harvest was 91,562, a 5% increase over 2007. This projection included 33,413 whitetail bucks, 40,459 whitetail does, 9,143 mule bucks and 8,547 mule does. A combination of the increase in licenses/tags sold and a lack of change in harvest success from 2007 appears to account for the increase in overall harvest of over 4,000 deer.

Increases in harvest for Youth Deer, West River Deer and Muzzleloader Deer accounted for most of the increase, with a decline in Black Hills and East River Deer harvest offsetting the effect of those three. The buck harvest estimate remained similar to 2007 for both species, while doe harvest increased by nearly 4,000 and 500 for whitetails and mule deer respectively. Mule deer made up approximately 20% of the total harvest.

The 2008 overall statewide harvest success remained unchanged from last year at 48%. Harvest success ranged from 25% at Sand Lake Refuge to 73% for West River Special Buck.

Respondents reported hunting an average of 4.94 days per hunter, which projects to a statewide total of 635,859 recreation days in 2008. The average number of days hunted was nearly identical to 2007. That combined with the increase in license sales resulted in an increase of approximately 45,000 total days of recreation from 2007.

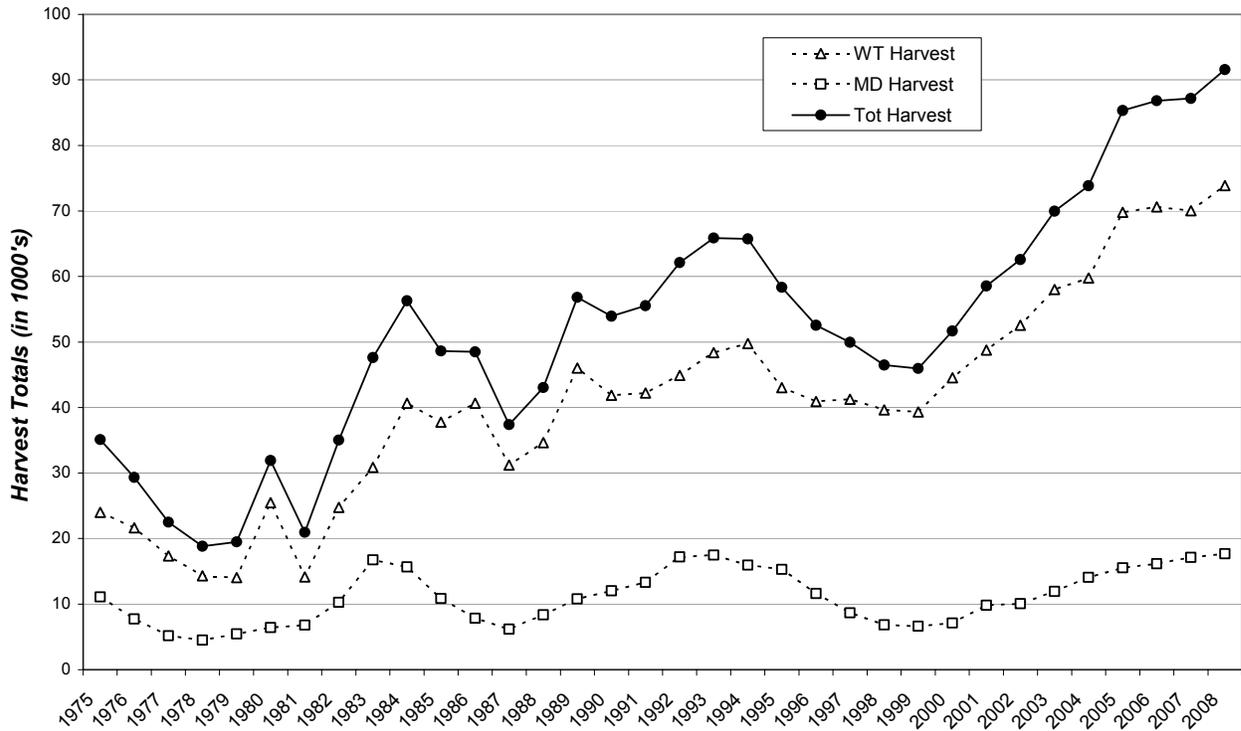
Average hunter satisfaction values (1=very dissatisfied to 7=very satisfied) varied between seasons and ranged from 3.78 for Waubay Refuge and 4.23 for East River Special Buck to 6.02 for Mentored Youth and 5.45 for Youth Deer.

## 2008 Statewide Deer Harvest Projection Summary

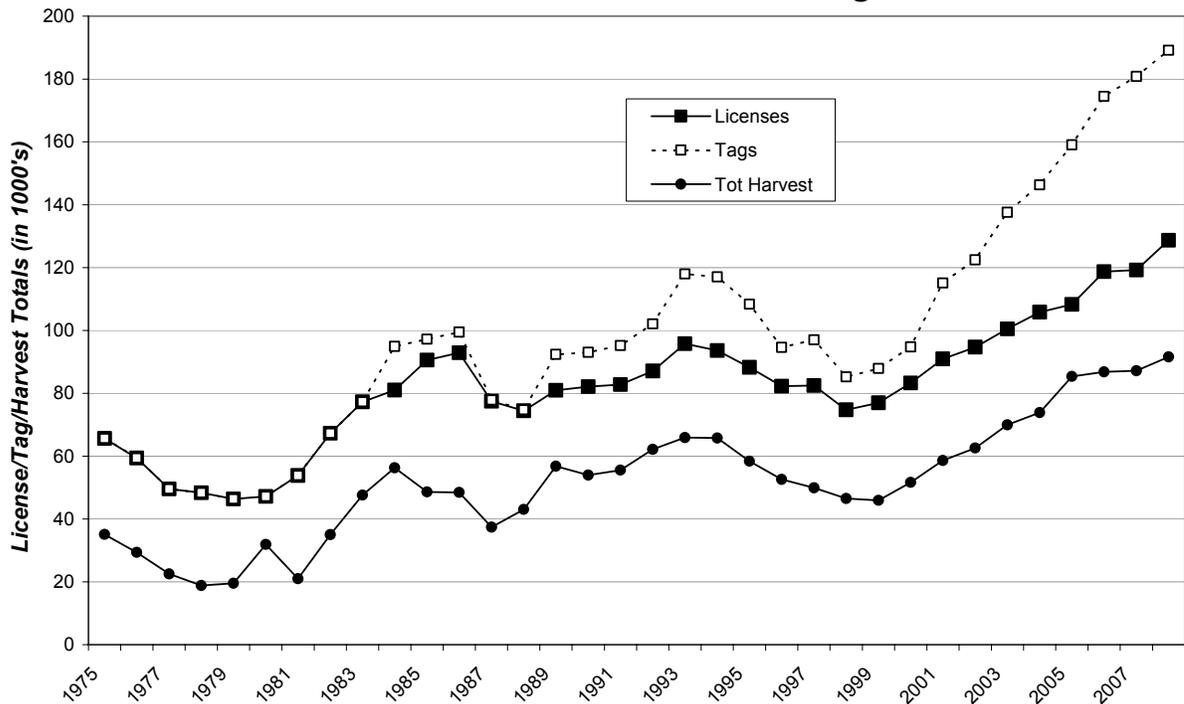
last revised: 1 May 09

SOUTH DAKOTA Harvest Statistic	Season											Refuges					Grand Totals
	Archery	Youth Antlerless	Mentored Youth	Muzzleloader	West River	West River Landowner Own Land	West River Special Buck Unit	East River	East River Landowner Own Land	East River Special Buck Unit	Sand Lake NWR	Lacreek NWR	Waubay NWR	Black Hills	Custer State Park		
<b>Licenses/Tags</b>																	
<b>Resident Licenses</b>																	
Available	Unlimited	Unlimited	Unlimited	Unlimited	29,260	Unlimited	500	46,830	Unlimited	400	475	40	60	8,450	47	86,062	
Sold	21,990	7,394	1,110	5,520	24,621	1,412	500	42,739	4,168	401	362	39	62	8,451	47	118,816	
<b>Resident Tags</b>																	
Available	Unlimited	Unlimited	Unlimited	Unlimited	55,010	Unlimited	500	74,465	Unlimited	400	950	40	60	8,450	92	139,967	
Sold	25,672	7,394	1,110	8,127	46,030	2,240	500	66,613	6,578	401	724	39	62	8,451	92	174,033	
<b>Nonresident Licenses</b>																	
Available	Unlimited	Unlimited	N/A	Unlimited	2,344	N/A	500	Leftovers	N/A	N/A	45	6	6	676	N/A	3,577	
Sold	2,649	406	N/A	336	3,568	N/A	499	1,672	N/A	N/A	37	4	4	722	N/A	9,897	
<b>Nonresident Tags</b>																	
Available	Unlimited	Unlimited	N/A	Unlimited	4,406	N/A	500	Leftovers	N/A	N/A	90	6	6	676	N/A	5,684	
Sold	2,920	406	N/A	546	6,760	N/A	499	3,191	N/A	N/A	74	4	4	722	N/A	15,126	
<b>Total Licenses</b>																	
Available	Unlimited	Unlimited	Unlimited	Unlimited	31,604	Unlimited	1,000	46,830	Unlimited	400	520	46	66	9,126	47	89,639	
Sold	24,639	7,800	1,110	5,856	28,189	1,412	999	44,411	4,168	401	399	43	66	9,173	47	128,713	
<b>Total Tags</b>																	
Available	Unlimited	Unlimited	Unlimited	Unlimited	59,416	Unlimited	1,000	74,465	Unlimited	400	1,040	46	66	9,126	92	145,651	
Sold	28,592	7,800	1,110	8,673	52,790	2,240	999	69,804	6,578	401	798	43	66	9,173	92	189,159	
<b>Recreation</b>																	
Average Days Hunted	12.36	6.36	4.09	5.38	3.42	3.98	3.39	4.79	4.85	5.72	3.39	2.43	2.29	4.08	3.00	4.94	
Total Days Hunted	206,672	26,757	4,540	28,687	87,330	5,624	3,387	212,931	20,221	2,293	1,352	105	151	35,668	141	635,859	
Mean Satisfaction Score	5.10	5.45	6.02	5.03	5.29	5.11	4.55	4.71	4.90	4.23	4.15	5.22	3.78	5.11	UNK		
<b>Harvest</b>																	
<b>White-tailed Deer</b>																	
Bucks	3,860	558	79	600	8,076	330	216	14,977	1,768	205	87	11	18	2,620	8	33,413	
Does	4,146	3,081	489	2,436	7,832	243	7	19,081	1,147	11	112	6	6	1,824	38	40,459	
<b>Total</b>	<b>8,007</b>	<b>3,639</b>	<b>567</b>	<b>3,036</b>	<b>15,907</b>	<b>572</b>	<b>223</b>	<b>34,059</b>	<b>2,916</b>	<b>216</b>	<b>199</b>	<b>17</b>	<b>23</b>	<b>4,445</b>	<b>46</b>	<b>73,872</b>	
<b>Mule Deer</b>																	
Bucks	551	76	13	156	6,644	419	497	513	115	19	0	0	0	138	2	9,143	
Does	427	558	106	502	6,009	238	9	592	50	0	0	0	0	56	0	8,547	
<b>Total</b>	<b>978</b>	<b>635</b>	<b>120</b>	<b>658</b>	<b>12,652</b>	<b>657</b>	<b>506</b>	<b>1,105</b>	<b>165</b>	<b>19</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>194</b>	<b>2</b>	<b>17,690</b>	
<b>Total Deer Harvest</b>																	
Bucks	4,412	635	92	756	14,719	749	712	15,490	1,883	224	87	11	18	2,758	10	42,556	
Does	4,573	3,639	595	2,937	13,840	480	16	19,673	1,197	11	112	6	6	1,881	38	49,006	
<b>Total</b>	<b>8,985</b>	<b>4,274</b>	<b>687</b>	<b>3,693</b>	<b>28,560</b>	<b>1,229</b>	<b>729</b>	<b>35,164</b>	<b>3,080</b>	<b>235</b>	<b>199</b>	<b>17</b>	<b>23</b>	<b>4,639</b>	<b>48</b>	<b>91,562</b>	
<b>Success</b>																	
	31%	55%	62%	43%	54%	55%	73%	50%	47%	59%	25%	39%	35%	51%	52%	48%	

### South Dakota's Combined Deer Harvest 1975-2008



### South Dakota Combined Deer Licensing 1975-2008



# ARCHERY DEER

There were 24,639 archery deer licenses issued in 2008 (21,990 resident, 2,649 nonresident). All were single any-deer tags, single antlerless-deer tags, or double-antlerless deer tags for the Statewide, East River or West River units.

A random sampling of 3,981 (16%) hunters was taken and 3,214 responded for a return rate of 81%. Approximately 52% of responding hunters used the Internet response system.

The 2008 Archery season ran from September 27 through January 31. Licensed "any deer" hunters who did not fill their license by December 31 were allowed to continue hunting through January for antlerless deer only. Respondents reported hunting 12.36 days per hunter, which projects to a total of 206,672 recreation days for the season.

The projected deer harvest for the archery season was 8,985 deer (3,860 whitetail bucks, 4,147 whitetail does, 551 mule deer bucks, and 427 mule deer does). The success rate for the season was 31%. The five counties with the highest reported harvest were Brown, Pennington, Lawrence, Yankton, and Minnehaha.

Hunters were also asked to identify if they harvested a deer in the Black Hills or on or between Farm and LaFramboise Islands in Hughes County. Estimates indicated 1,257 deer were harvested in the Black Hills and 53 on or between Farm and LaFramboise Islands.

Satisfaction was also measured (1=very dissatisfied to 7=very satisfied) and the average response for this season was 5.10.

## Summary comparison of the 2000-2008 Archery Deer seasons

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

## 2008 General Archery Deer Harvest Projections

Unit	Hunters Available	Licenses Sold		Total Tags Sold	Response Rate	Unit/Subunit Success	Harvest Projections								Total Deer Harvest	Avg Days Hunted	Avg Satisfaction		
		Resident	Nonresident				Whitetail				Mule Deer								
							Bucks	Does	Bucks	Does	Bucks	Does	Bucks	Does					
All units	16,721	Unlimited	21,990	2,649	28,592	81%	#	31%	3,413	447	3,637	510	520	31	380	47	8,985	12.36	5.10

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

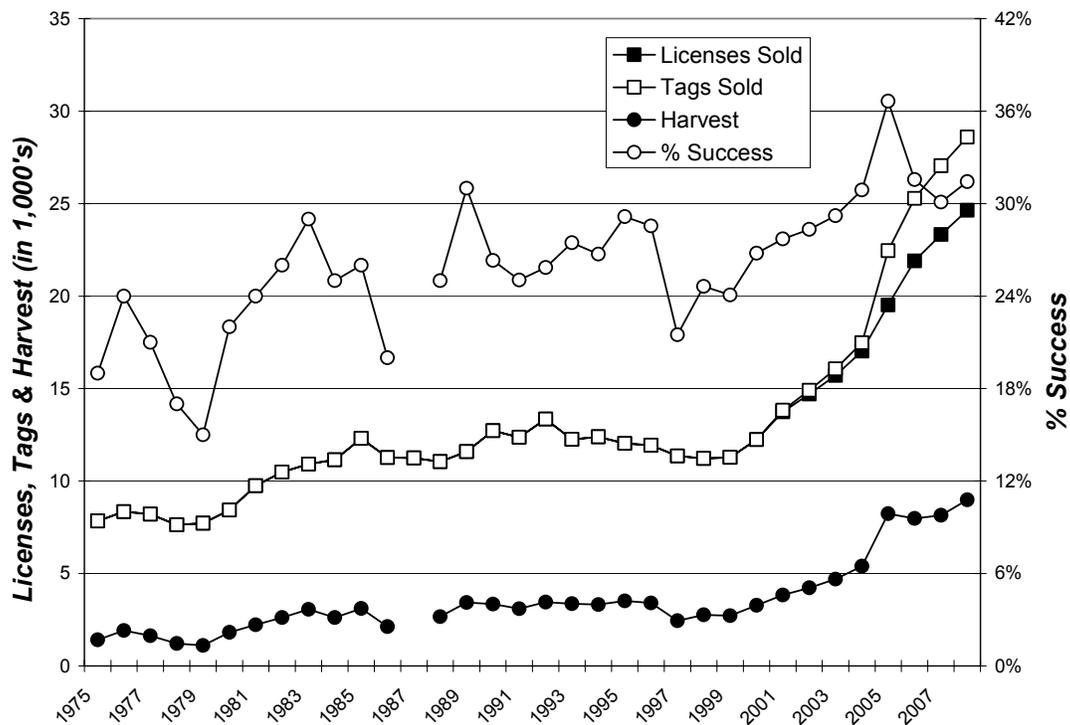
South Dakota Game Report No 2009-03 - 2008 Big Game Harvest Projections  
 Corey Huxoll

**2008 Archery Deer Harvest Distribution by County Hunted Most**

County	Reported Harvest									Projected Harvest									Black Hills Estimate	Farm/LeFram Estimate	Total Estimate	%
	Whitetail				Mule Deer				Total	Whitetail				Mule Deer								
	Bucks		Does		Bucks		Does			Bucks		Does		Bucks		Does						
	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn		Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn					
Minnehaha	30	3	36	5	0	0	0	0	74	160	16	190	27	0	0	0	0	0	392	4.4%		
Pennington	33	1	41	4	15	0	13	1	108	176	5	216	21	78	0	69	5	417	5	570	6.3%	
Brown	39	6	50	12	1	0	1	0	109	208	32	264	64	5	0	5	0	0	577	6.4%		
Beadle	13	1	17	2	1	0	0	0	34	69	5	90	11	5	0	0	0	5	180	2.0%		
Codington	17	2	16	3	0	0	0	0	38	91	11	84	16	0	0	0	0	0	201	2.2%		
Brookings	20	1	21	2	0	1	1	1	47	106	5	111	11	0	5	5	11	0	249	2.8%		
Yankton	26	2	45	5	0	0	0	0	78	138	11	238	27	0	0	0	0	0	413	4.6%		
Davison	14	0	9	0	0	0	0	0	23	75	0	48	0	0	0	0	0	0	122	1.4%		
Lawrence	28	2	38	0	6	1	8	0	83	149	11	201	0	31	5	42	0	333	0	439	4.9%	
Aurora	8	0	6	1	0	0	0	0	15	43	0	32	5	0	0	0	0	0	80	0.9%		
Bennett	0	0	0	0	1	0	1	0	2	0	0	0	0	5	0	5	0	0	10	0.1%		
Bon Homme	12	5	10	1	0	1	1	0	30	64	26	53	5	0	5	5	0	0	159	1.8%		
Brule	4	1	6	1	0	0	0	1	13	21	5	32	5	0	0	0	5	0	69	0.8%		
Buffalo	4	0	0	0	0	0	1	1	6	21	0	0	0	0	0	5	5	5	32	0.4%		
Butte	8	4	18	1	3	0	3	0	37	43	21	95	5	16	0	16	0	16	0	195	2.2%	
Campbell	4	0	1	0	2	0	0	0	7	21	0	5	0	10	0	0	0	0	37	0.4%		
Charles Mix	15	1	17	3	4	0	4	0	44	80	5	90	16	21	0	21	0	0	233	2.6%		
Clark	10	1	14	5	0	0	0	0	30	53	5	74	27	0	0	0	0	0	159	1.8%		
Clay	10	1	5	2	0	0	0	0	18	53	5	26	11	0	0	0	0	0	96	1.1%		
Corson	0	0	8	1	2	0	0	0	11	0	0	42	5	10	0	0	0	5	58	0.6%		
Custer	14	1	24	1	9	0	5	0	54	75	5	127	5	47	0	26	0	243	0	285	3.2%	
Day	13	0	6	1	0	0	0	0	20	69	0	32	5	0	0	0	0	0	106	1.2%		
Deuel	7	3	15	1	1	0	1	0	28	37	16	79	5	5	0	5	0	21	0	148	1.6%	
Dewey	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
Douglas	6	0	5	0	1	0	0	0	12	32	0	26	0	5	0	0	0	5	0	64	0.7%	
Edmunds	7	0	12	3	0	0	0	0	22	37	0	63	16	0	0	0	0	0	117	1.3%		
Fall River	2	0	1	1	3	0	3	0	10	11	0	5	5	16	0	16	0	37	0	53	0.6%	
Faulk	4	0	2	0	0	0	0	0	6	21	0	11	0	0	0	0	0	0	32	0.4%		
Grant	15	4	11	5	0	0	0	0	35	80	21	58	27	0	0	0	0	0	186	2.1%		
Gregory	6	1	6	0	1	0	3	1	18	32	5	32	0	5	0	16	5	0	95	1.1%		
Haakon	2	0	1	0	3	0	0	0	6	11	0	5	0	16	0	0	0	0	32	0.4%		
Hamlin	12	3	17	3	0	0	0	0	35	64	16	90	16	0	0	0	11	0	185	2.1%		
Hand	8	0	3	1	1	0	0	0	13	43	0	16	5	5	0	0	0	0	69	0.8%		
Hanson	14	1	11	0	0	0	0	0	26	75	5	58	0	0	0	0	0	0	138	1.5%		
Harding	9	1	6	0	10	0	4	1	31	48	5	32	0	52	0	21	5	0	163	1.8%		
Hughes	9	0	4	0	2	0	4	0	19	48	0	21	0	10	0	21	0	0	37	101	1.1%	
Hutchinson	7	3	4	2	0	0	1	0	17	37	16	21	11	0	0	5	0	0	90	1.0%		
Hyde	2	0	0	0	1	0	0	0	3	11	0	0	0	5	0	0	0	0	16	0.2%		
Jackson	2	0	3	0	0	0	2	0	7	11	0	16	0	0	0	11	0	0	37	0.4%		
Jerauld	3	0	0	0	1	0	0	0	4	16	0	0	0	5	0	0	0	0	21	0.2%		
Jones	0	0	0	0	1	0	0	0	1	0	0	0	0	5	0	0	0	0	5	0.1%		
Kingsbury	11	2	10	8	0	0	0	0	31	59	11	53	42	0	0	0	0	0	164	1.8%		
Lake	12	2	8	2	2	0	4	0	30	64	11	42	11	10	0	21	0	5	159	1.8%		
Lincoln	23	3	22	7	1	1	0	0	57	122	16	116	37	5	5	0	0	5	302	3.4%		
Lyman	9	0	12	0	5	0	4	0	30	48	0	63	0	26	0	21	0	5	0	158	1.8%	
McCook	5	1	7	0	0	0	0	0	13	27	5	37	0	0	0	0	0	0	69	0.8%		
McPherson	3	0	2	0	0	0	0	0	5	16	0	11	0	0	0	0	0	0	27	0.3%		
Marshall	13	1	7	0	0	0	0	0	21	69	5	37	0	0	0	0	0	0	111	1.2%		
Meads	28	4	20	2	3	1	0	1	59	149	21	106	11	16	5	0	5	116	0	312	3.5%	
Mellette	2	0	5	1	4	0	2	1	15	11	0	26	5	21	0	11	5	5	79	0.9%		
Miner	6	2	3	0	0	0	0	0	11	32	11	16	0	0	0	0	0	0	58	0.6%		
Moody	12	6	15	1	0	0	0	0	34	64	32	79	5	0	0	0	5	0	180	2.0%		
Perkins	2	0	4	2	4	0	1	0	13	11	0	21	11	21	0	5	0	0	68	0.8%		
Potter	2	0	0	0	0	0	0	0	2	11	0	0	0	0	0	0	0	0	11	0.1%		
Roberts	10	1	13	2	0	0	0	0	26	53	5	69	11	0	0	0	0	0	138	1.5%		
Sanborn	14	6	22	2	0	1	4	0	49	75	32	116	11	0	5	21	0	5	0	259	2.9%	
Spink	15	3	11	1	1	0	0	0	31	80	16	58	5	5	0	0	0	0	164	1.8%		
Stanley	1	0	0	0	2	0	0	0	3	5	0	0	0	10	0	0	0	0	16	0.2%		
Sully	2	0	4	0	2	0	0	0	8	11	0	21	0	10	0	0	0	0	42	0.5%		
Tripp	3	0	1	1	1	0	0	0	6	16	0	5	5	5	0	0	0	0	5	32	0.4%	
Turner	7	2	3	0	0	0	0	0	12	37	11	16	0	0	0	0	0	0	64	0.7%		
Union	21	4	27	1	0	0	0	0	53	112	21	143	5	0	0	0	0	0	281	3.1%		
Wauwata	3	0	3	0	2	0	1	1	10	16	0	16	0	10	0	5	5	0	53	0.6%		
Ziebach	0	0	0	0	4	0	0	0	4	0	0	0	0	21	0	0	0	0	21	0.2%		
Shannon	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
Todd	0	0	1	0	0	0	0	0	1	0	0	5	0	0	0	0	0	0	5	0.1%		
Unknown	15	1	10	2	0	0	1	0	29													
<b>TOTALS</b>	<b>656</b>	<b>86</b>	<b>699</b>	<b>98</b>	<b>100</b>	<b>6</b>	<b>73</b>	<b>9</b>	<b>1,727</b>	<b>3,413</b>	<b>447</b>	<b>3,637</b>	<b>510</b>	<b>520</b>	<b>31</b>	<b>380</b>	<b>47</b>	<b>1,257</b>	<b>53</b>	<b>8,985</b>		

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

## Archery Deer 1975-2008



## **YOUTH DEER**

There were 7,800 single-tag antlerless licenses issued for the 2008 Youth Deer hunting season (7,394 resident, 406 nonresident). Approximately 59% of hunters were sampled and 1,816 responses (73%) were received. Approximately 39% of responding hunters used the Internet response site.

The Youth season ran from September 13, 2008 through January 31, 2009, a total of 141 days. Respondents reported hunting an average of 6.36 days each, which projected to 26,757 recreation days for the season.

Projections for the season estimated that a total of 558 whitetail bucks, 3,081 whitetail does, 76 mule deer bucks, and 558 mule deer does were harvested. The total harvest for the Youth Deer season was 4,274, and the overall success rate was 55%. The five counties with the highest reported harvest were Pennington, Custer, Meade, Brown, and Hamlin. Projected harvest for the Black Hills region was 786 deer.

The average satisfaction rating for those responding (1 being very dissatisfied and 7 very satisfied) was 5.45.

### Comparison of the 1997 - 2008 Youth Deer hunting seasons

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

### 2008 Youth Deer Hunting Harvest Projections

Last Revised: 17-Apr-09

Unit/Type	Hunters	Harvest Projections														Total Deer Harvest	Average Satisfaction Score **	Avg Days Hunted
		Licenses				Response Rate	Unit/Subunit Success	Whitetail			Mule Deer							
		Available	Sold	Available	Sold			Bucks	Does	Doe Fawns	Bucks	Does	Doe Fawns					
ST1-03	4,207	Unlimited	7,394	unlimited	406	73%	#	55%	558	2,569	512	76	468	90	4,274	5.45	6.36	

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

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

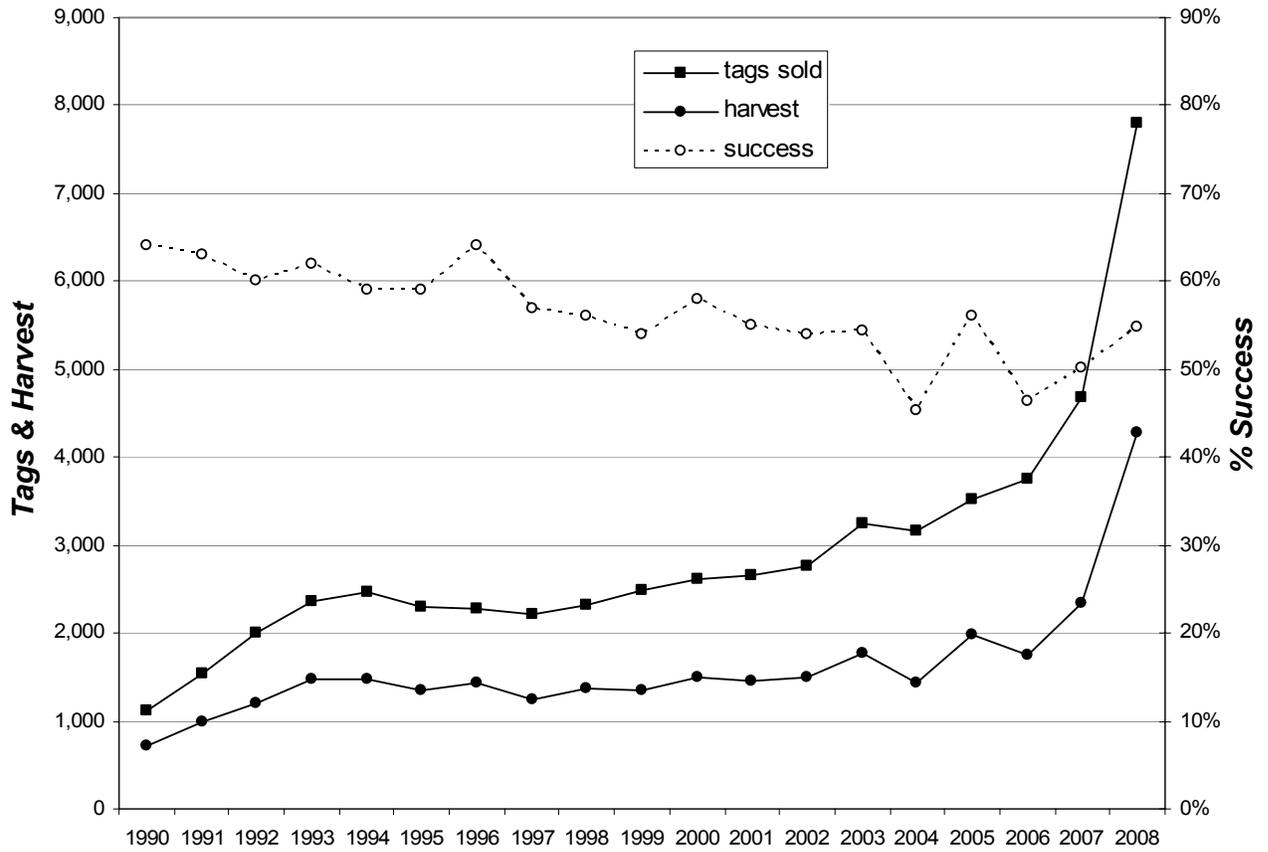
South Dakota Game Report No 2009-03 - 2008 Big Game Harvest Projections  
 Corey Huxoll

**2008 Youth Deer Harvest Distribution by County Hunted Most**

County	Reported Harvest							Projected Harvest							Black Hills Estimate	Total		
	Whitetail			Mule Deer				Whitetail			Mule Deer					Estimate	Estimate	%
	Bucks	Does	Fawn	Bucks	Does	Fawn	Total	Bucks	Does	Fawn	Bucks	Does	Fawn					
	Fawn	Adult	Fawn	Fawn	Adult	Fawn		Fawn	Adult	Fawn	Fawn	Adult	Fawn					
Minnehaha	11	29	10	0	2	0	52	26	69	23	0	5	0	2	122	2.9%		
Pennington	11	96	17	5	27	7	163	26	227	39	12	64	17	276	385	9.0%		
Brown	12	46	13	0	2	0	73	28	109	30	0	5	0	0	172	4.0%		
Beadle	3	17	5	0	2	0	27	7	40	12	0	5	0	0	64	1.5%		
Codington	3	22	4	2	1	0	32	7	52	9	5	2	0	0	75	1.8%		
Brookings	4	22	5	0	0	1	32	9	52	12	0	0	2	0	75	1.8%		
Yankton	6	26	6	0	2	0	40	14	61	14	0	5	0	2	94	2.2%		
Davison	3	24	1	1	1	0	30	7	57	2	2	2	0	0	71	1.7%		
Lawrence	6	40	7	2	12	0	67	14	95	16	5	29	0	142	158	3.7%		
Aurora	3	10	0	0	0	0	13	7	24	0	0	0	0	0	31	0.7%		
Bennett	1	2	0	0	2	0	5	2	5	0	0	5	0	0	12	0.3%		
Bon Homme	3	30	5	0	2	0	40	7	71	12	0	5	0	5	94	2.2%		
Brule	5	13	3	0	3	0	24	12	31	7	0	7	0	2	56	1.3%		
Buffalo	1	1	0	0	0	0	2	2	2	0	0	0	0	0	5	0.1%		
Butte	4	14	5	1	4	0	28	9	33	12	2	10	0	12	66	1.5%		
Campbell	0	1	0	0	1	0	2	0	2	0	0	2	0	0	5	0.1%		
Charles Mix	9	34	5	0	11	0	59	21	80	12	0	26	0	2	139	3.3%		
Clark	3	13	4	0	0	0	20	7	31	9	0	0	0	2	47	1.1%		
Clay	5	6	0	0	0	0	11	12	14	0	0	0	0	5	26	0.6%		
Corson	0	6	0	1	3	0	10	0	14	0	2	7	0	0	24	0.6%		
Custer	11	44	11	4	15	0	85	26	104	25	10	36	0	172	200	4.7%		
Day	7	26	8	0	1	1	43	16	61	19	0	2	2	0	101	2.4%		
Deuel	5	12	1	0	0	0	18	12	28	2	0	0	0	0	42	1.0%		
Dewey	0	4	0	0	1	2	7	0	9	0	0	2	5	2	17	0.4%		
Douglas	2	9	1	1	0	0	13	5	21	2	2	0	0	0	31	0.7%		
Edmunds	2	7	1	0	0	0	10	5	17	2	0	0	0	0	24	0.6%		
Fall River	0	6	0	0	5	0	11	0	14	0	0	12	0	12	26	0.6%		
Faulk	2	18	6	0	0	0	26	5	43	14	0	0	0	2	61	1.4%		
Grant	7	29	7	0	0	0	43	16	69	16	0	0	0	0	101	2.4%		
Gregory	6	18	2	0	12	3	41	14	43	5	0	29	7	0	97	2.3%		
Haakon	0	3	0	1	1	3	8	0	7	0	2	2	7	0	19	0.4%		
Hamlin	12	48	9	0	0	0	69	28	113	21	0	0	0	0	162	3.8%		
Hand	4	11	2	1	1	0	19	9	26	5	2	2	0	0	45	1.0%		
Hanson	0	10	3	0	0	0	13	0	24	7	0	0	0	0	31	0.7%		
Harding	0	4	0	0	4	2	10	0	9	0	10	5	0	0	24	0.6%		
Hughes	1	6	0	0	2	0	9	2	14	0	0	5	0	0	21	0.5%		
Hutchinson	3	25	2	0	0	0	30	7	59	5	0	0	0	2	71	1.7%		
Hyde	2	8	2	0	0	0	12	5	19	5	0	0	0	0	28	0.7%		
Jackson	0	0	1	1	2	0	4	0	0	2	2	5	0	0	9	0.2%		
Jerauld	3	14	1	0	1	0	19	7	33	2	0	2	0	0	45	1.0%		
Jones	0	0	0	0	4	0	4	0	0	0	10	0	0	0	10	0.2%		
Kingsbury	5	23	8	0	0	0	36	12	54	19	0	0	0	0	85	2.0%		
Lake	9	26	2	0	0	0	37	21	61	5	0	0	0	0	87	2.0%		
Lincoln	6	20	4	0	0	0	30	14	47	9	0	0	0	7	71	1.7%		
Lyman	0	4	2	2	9	3	20	0	9	5	5	21	7	2	48	1.1%		
McCook	6	31	5	0	2	1	45	14	73	12	0	5	2	0	106	2.5%		
McPherson	3	15	2	0	0	0	20	7	35	5	0	0	0	0	47	1.1%		
Marshall	3	19	0	0	1	0	23	7	45	0	0	2	0	12	54	1.3%		
Meade	7	37	13	0	18	3	78	16	87	30	0	43	7	109	184	4.3%		
Mellette	0	1	0	1	4	2	8	0	2	0	2	10	5	0	19	0.4%		
Miner	0	11	4	0	0	0	15	0	26	9	0	0	0	0	35	0.8%		
Moody	5	19	6	0	2	1	33	12	45	14	0	5	2	5	78	1.8%		
Perkins	4	18	2	0	13	3	40	9	43	5	0	31	7	7	95	2.2%		
Potter	5	4	1	0	0	0	10	12	9	2	0	0	0	0	23	0.5%		
Roberts	5	24	5	0	0	0	34	12	57	12	0	0	0	0	80	1.9%		
Sanborn	4	6	2	0	0	0	12	9	14	5	0	0	0	0	28	0.7%		
Spink	7	17	5	0	0	0	29	16	40	12	0	0	0	0	68	1.6%		
Stanley	0	8	0	5	9	0	22	0	19	0	12	21	0	0	52	1.2%		
Sully	4	5	1	1	4	2	17	9	12	2	2	10	5	2	40	0.9%		
Tripp	0	6	4	2	4	2	18	0	14	9	5	10	5	0	43	1.0%		
Turner	1	11	5	1	0	0	18	2	26	12	2	0	0	0	42	1.0%		
Union	4	18	2	0	1	0	25	9	43	5	0	2	0	0	59	1.4%		
Walworth	0	2	1	0	3	0	6	0	5	2	0	7	0	0	14	0.3%		
Ziebach	0	6	0	0	2	1	9	0	14	0	0	5	2	0	21	0.5%		
Shannon	0	0	0	0	1	0	1	0	0	0	0	2	0	0	2	0.1%		
Todd	1	2	0	0	0	0	3	2	5	0	0	0	0	0	7	0.2%		
Unknown	2	22	0	1	5	2	32											
<b>TOTALS</b>	<b>241</b>	<b>1,109</b>	<b>221</b>	<b>33</b>	<b>202</b>	<b>39</b>	<b>1,845</b>	<b>558</b>	<b>2,569</b>	<b>512</b>	<b>76</b>	<b>468</b>	<b>90</b>	<b>786</b>	<b>4,274</b>			

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

## Youth Deer 1990-2008



## **MENTORED YOUTH DEER**

There were 1,110 resident single-tag antlerless licenses issued for the 2008 Mentored Youth Deer hunting season. All mentors/hunters were sampled and 845 responses (77%) were received (6 were undeliverable). Approximately 30% of responding mentors/hunters used the Internet response site.

The Mentored Youth licenses were valid during the Youth Deer season which ran from September 13, 2008 through January 31, 2009, a total of 141 days. Respondents reported hunting an average of 4.09 days each, which projected to 4,540 recreation days for the season.

Projections for the season estimated that a total of 79 whitetail bucks, 489 whitetail does, 13 mule deer bucks, and 106 mule deer does were harvested. The total harvest for the Mentored Youth Deer season was 687, and the overall success rate was 62%. The five counties with the highest reported harvest were Pennington, Custer, Meade, Yankton, and Tripp.

The average satisfaction rating for those responding (1 being very dissatisfied and 7 very satisfied) was 6.02.

### Summary for the 2008 Mentored Youth Deer hunting season

YEAR	Licenses Sold	Harvest						Success	Avg Days Hunted	Average Satisfctn
		Bucks		Does		Total				
		WT	Mule	WT	Mule					
2008	1,110	79	13	489	106	687	62%	4.09	6.02	

### 2008 Mentored Youth Deer Harvest Projections

Last Revised: 17-Apr-09

Unit/Type	Licenses				Response Rate	Unit/Subunit Success	Harvest Projections						Total Deer Harvest	Average Satisfaction Score **	Avg Days Hunted
	Resident		Nonresident				Whitetail			Mule Deer					
	Available	Sold	Available	Sold			Bucks	Does	Doe Fawns	Bucks	Does	Doe Fawns			
ST1-03	Unlimited	1,110	0	0	77% #	62%	79	436	53	13	93	13	687	6.02	4.09

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

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

## 2008 Mentored Youth Deer Distribution by County Hunted Most

County	Reported Harvest							Projected Harvest							Total	
	Whitetail			Mule Deer				Whitetail			Mule Deer					
	Bucks		Does	Bucks		Does		Bucks		Does	Bucks		Does		Estimate	%
	Fawn	Adult	Fawn	Fawn	Adult	Fawn	Total	Fawn	Adult	Fawn	Fawn	Adult	Fawn			
Minnehaha	0	8	2	0	0	0	10	0	11	3	0	0	0	13	1.9%	
Pennington	5	27	4	0	4	1	41	7	36	5	0	5	1	54	7.9%	
Brown	3	13	0	0	0	0	16	4	17	0	0	0	0	21	3.1%	
Beadle	2	12	2	0	0	0	16	3	16	3	0	0	0	21	3.1%	
Codington	0	3	2	0	1	0	6	0	4	3	0	1	0	8	1.2%	
Brookings	0	9	1	0	0	0	10	0	12	1	0	0	0	13	1.9%	
Yankton	3	16	1	0	0	0	20	4	21	1	0	0	0	27	3.9%	
Davison	1	3	0	0	0	0	4	1	4	0	0	0	0	5	0.8%	
Lawrence	2	12	1	0	2	0	17	3	16	1	0	3	0	23	3.3%	
Aurora	0	5	0	0	0	0	5	0	7	0	0	0	0	7	1.0%	
Bennett	0	1	0	0	1	0	2	0	1	0	0	1	0	3	0.4%	
Bon Homme	4	5	0	0	0	0	9	5	7	0	0	0	0	12	1.7%	
Brule	0	6	1	1	2	0	10	0	8	1	1	3	0	13	1.9%	
Buffalo	0	1	0	0	1	0	2	0	1	0	0	1	0	3	0.4%	
Butte	1	9	2	0	2	0	14	1	12	3	0	3	0	19	2.7%	
Campbell	0	4	0	0	1	0	5	0	5	0	0	1	0	7	1.0%	
Charles Mix	1	6	0	0	4	2	13	1	8	0	0	5	3	17	2.5%	
Clark	0	3	0	0	0	0	3	0	4	0	0	0	0	4	0.6%	
Clay	0	5	0	0	0	0	5	0	7	0	0	0	0	7	1.0%	
Corson	0	1	0	1	1	1	4	0	1	0	1	1	1	5	0.8%	
Custer	2	18	1	0	1	1	23	3	24	1	0	1	1	30	4.4%	
Day	0	12	1	0	0	0	13	0	16	1	0	0	0	17	2.5%	
Deuel	2	6	0	0	0	0	8	3	8	0	0	0	0	11	1.5%	
Dewey	1	1	1	1	1	0	5	1	1	1	1	1	0	7	1.0%	
Douglas	0	5	1	0	1	0	7	0	7	1	0	1	0	9	1.4%	
Edmunds	0	2	0	0	0	0	2	0	3	0	0	0	0	3	0.4%	
Fall River	0	1	0	0	2	0	3	0	1	0	0	3	0	4	0.6%	
Faulk	1	6	0	0	0	0	7	1	8	0	0	0	0	9	1.3%	
Grant	0	7	0	0	0	0	7	0	9	0	0	0	0	9	1.4%	
Gregory	0	4	1	0	1	1	7	0	5	1	0	1	1	9	1.3%	
Haakon	0	0	1	2	4	1	8	0	0	1	3	5	1	10	1.5%	
Hamiin	4	5	0	0	0	0	9	5	7	0	0	0	0	12	1.7%	
Hand	0	3	0	1	1	0	5	0	4	0	1	1	0	7	1.0%	
Hanson	2	4	1	0	0	0	7	3	5	1	0	0	0	9	1.4%	
Harding	0	2	0	0	1	1	4	0	3	0	0	1	1	5	0.8%	
Hughes	0	1	0	1	1	0	3	0	1	0	1	1	0	4	0.6%	
Hutchinson	1	4	0	0	0	0	5	1	5	0	0	0	0	7	1.0%	
Hyde	0	1	0	0	0	0	1	0	1	0	0	0	0	1	0.2%	
Jackson	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
Jerauld	0	2	0	0	0	0	2	0	3	0	0	0	0	3	0.4%	
Jones	0	3	1	0	1	0	5	0	4	1	0	1	0	7	1.0%	
Kingsbury	3	5	1	0	0	0	9	4	7	1	0	0	0	12	1.7%	
Lake	0	3	0	0	0	0	3	0	4	0	0	0	0	4	0.6%	
Lincoln	3	7	0	0	0	0	10	4	9	0	0	0	0	13	1.9%	
Lyman	0	2	0	1	3	1	7	0	3	0	1	4	1	9	1.3%	
McCook	2	5	0	0	0	0	7	3	7	0	0	0	0	9	1.3%	
McPherson	0	1	1	0	0	0	2	0	1	1	0	0	0	3	0.4%	
Marshall	1	2	0	0	0	0	3	1	3	0	0	0	0	4	0.6%	
Meade	1	13	5	0	9	0	28	1	17	7	0	12	0	37	5.4%	
Mellette	0	2	1	0	2	0	5	0	3	1	0	3	0	7	1.0%	
Miner	0	2	0	0	0	0	2	0	3	0	0	0	0	3	0.4%	
Moody	2	5	0	0	0	0	7	3	7	0	0	0	0	9	1.3%	
Perkins	1	5	0	0	5	0	11	1	7	0	0	7	0	14	2.1%	
Potter	2	0	0	0	1	0	3	3	0	0	0	1	0	4	0.6%	
Roberts	0	11	0	0	0	0	11	0	15	0	0	0	0	15	2.1%	
Sanborn	0	6	0	0	0	0	6	0	8	0	0	0	0	8	1.2%	
Spink	5	8	1	0	0	0	14	7	11	1	0	0	0	19	2.7%	
Stanley	0	2	0	1	3	0	6	0	3	0	1	4	0	8	1.1%	
Sully	0	1	1	0	3	0	5	0	1	1	0	4	0	7	1.0%	
Tripp	3	7	1	1	8	0	20	4	9	1	1	10	0	26	3.8%	
Turner	1	1	2	0	1	0	5	1	1	3	0	1	0	7	1.0%	
Union	0	4	1	0	0	0	5	0	5	1	0	0	0	7	1.0%	
Walworth	1	0	1	0	0	0	2	1	0	1	0	0	0	3	0.4%	
Ziebach	0	0	0	0	3	1	4	0	0	0	0	4	1	5	0.8%	
Shannon	0	1	0	0	0	0	1	0	1	0	0	0	0	1	0.2%	
Todd	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
Unknown	0	3	1	0	0	0	4									
<b>TOTALS</b>	<b>60</b>	<b>332</b>	<b>40</b>	<b>10</b>	<b>71</b>	<b>10</b>	<b>523</b>	<b>79</b>	<b>436</b>	<b>53</b>	<b>13</b>	<b>93</b>	<b>13</b>	<b>687</b>		

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

# **MUZZLELOADER DEER**

There were 4,838 antlerless deer licenses (4,502 resident, 336 nonresident) and 1,018 “any deer” licenses issued for the 2008 Muzzleloader Deer season, which represented a total of 8,673 tags. A survey sample of 2,592 hunters (49%) was taken and 2,222 responded for a response rate of 86%. Approximately 49% of muzzleloader hunters used the Internet response system.

The 2008 Muzzleloader season was open 51 days from December 13, 2008 through January 31, 2009. From Jan. 1-31, all “any deer” tags converted to “antlerless deer” tags. This was the fourth year that “any deer” licenses were available for the muzzleloader season. The number of “any deer” licenses available was increased to 1,000, from 400 in 2007. A total of 5,084 applications were received for those licenses. Respondents averaged 5.38 days of hunting for a projected total of 28,687 recreation days for the entire season.

The estimated harvest for the Muzzleloader season was 3,693 deer (600 whitetail bucks, 2,436 whitetail does, 156 mule deer bucks, and 502 mule deer does). The overall success rate for the muzzleloader season was 43% and average satisfaction was 5.03 (1 = very dissatisfied, 7 = very satisfied).

The six counties with the highest reported harvest were Pennington, Custer, Lawrence, Minnehaha, Brookings, and Meade. These six counties accounted for nearly 39% of the total statewide harvest. Approximately 893 deer, over 24% of the statewide harvest, were harvested within the Black Hills area.

## Summary comparison of the 1999-2008 Muzzleloader Deer seasons

YEAR	Licenses Sold		Harvest					Success	Avg Days Hunted	Average Satisfctn
	Res	Nonres	Bucks		Does		Total			
			WT	Mule	WT	Mule				
1999	1,652	NA	99	19	275	97	490	30%	4.04	4.63
2000	1,824	NA	150	13	467	99	729	40%	2.83	5.04
2001	2,644	24	168	32	686	177	1,063	37%	4.98	5.29
2002	3,118	31	194	13	828	209	1,244	35%	5.29	5.33
2003	3,307	59	184	23	974	249	1,430	36%	5.18	5.25
2004	3,142	80	141	21	901	181	1,244	33%	5.10	5.22
2005	4,052	171	413	54	1,756	273	2,496	39%	5.51	5.53
2006	4,687	248	346	57	1,605	385	2,393	32%	5.88	4.95
2007	4,899	284	444	66	1,928	402	2,840	36%	5.38	4.91
2008	5,520	336	600	156	2,436	502	3,693	43%	5.38	5.03

## 2008 Muzzleloader Deer Harvest Projections

Unit	Hunters	Licenses Available	Harvest Projections														Mean Satisfaction Score	Average Days Hunted
			Licenses Sold		Total tags sold	Response Rate	Success	Whitetail				Mule Deer				Total Deer Harvest		
			Resident	Nonresident				Bucks		Does		Bucks		Does				
							Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn				
Statewide	5,332	unlimtd	5,520	336	8,673	86%	43%	223	377	2,090	346	101	55	444	58	3,693	5.03	5.38

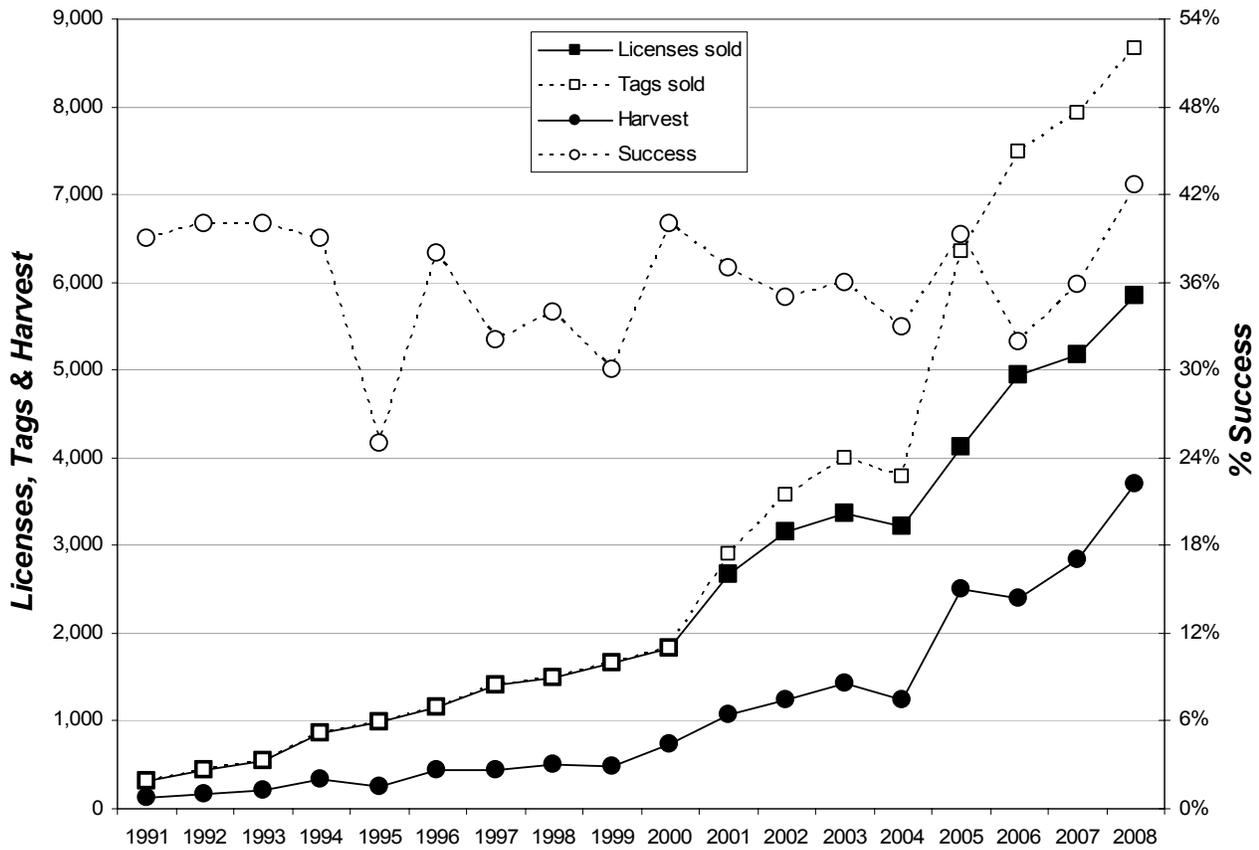
South Dakota Game Report No 2009-03 - 2008 Big Game Harvest Projections  
 Corey Huxoll

**2008 Muzzleloader Deer Harvest Distribution by County Hunted Most**

County	Reported Harvest									Projected Harvest									Black Hills		Total	%
	Whitetail				Mule Deer					Whitetail				Mule Deer								
	Bucks		Does		Bucks		Does			Total	Bucks		Does		Bucks		Does					
	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult		Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Estimate	Estimate	
Minnehaha	2	8	42	7	1	1	1	0	62	5	20	103	17	2	2	2	0	2	152	4.1%		
Pennington	5	23	144	21	6	0	28	0	227	12	57	352	52	14	0	68	0	441	556	15.0%		
Brown	2	5	36	1	0	0	0	0	44	5	12	88	2	0	0	0	0	108	2.9%			
Beadle	0	1	5	3	0	0	0	0	9	0	2	12	7	0	0	0	0	22	0.6%			
Codington	0	1	10	0	0	1	0	0	12	0	2	24	0	0	2	0	0	2	29	0.8%		
Brookings	7	8	39	2	0	1	1	0	58	17	20	95	5	0	2	2	0	142	3.8%			
Yankton	4	2	28	5	0	0	0	0	39	10	5	68	12	0	0	0	0	95	2.6%			
Davison	0	1	13	6	0	0	0	0	20	0	2	32	15	0	0	0	0	49	1.3%			
Lawrence	4	5	47	1	0	0	5	1	63	10	12	115	2	0	0	12	2	120	154	4.2%		
Aurora	0	0	8	1	0	0	0	0	9	0	0	20	2	0	0	0	0	22	0.6%			
Bennett	1	1	0	0	2	1	1	1	7	2	2	0	0	5	2	2	2	5	17	0.5%		
Bon Homme	2	1	20	4	0	0	0	0	27	5	2	49	10	0	0	0	0	66	1.8%			
Brule	1	2	8	1	2	1	5	2	22	2	5	20	2	5	2	12	5	54	1.5%			
Buffalo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%		
Butte	2	1	8	5	0	1	4	0	21	5	2	20	12	0	2	10	0	5	51	1.4%		
Campbell	0	0	1	0	1	0	6	1	9	0	0	2	0	2	0	15	2	22	0.6%			
Charles Mix	1	3	11	2	0	1	6	2	26	2	7	27	5	0	2	15	5	64	1.7%			
Clark	0	2	10	0	0	0	0	0	12	0	5	24	0	0	0	0	0	29	0.8%			
Clay	3	0	16	2	1	0	2	0	24	7	0	39	5	2	0	5	0	59	1.6%			
Corson	1	0	8	1	1	0	3	0	14	2	0	20	2	2	0	7	0	34	0.9%			
Custer	4	10	68	11	1	1	19	2	116	10	25	166	27	2	2	46	5	228	284	7.7%		
Day	1	2	7	2	0	0	1	0	13	2	5	17	5	0	0	2	0	32	0.9%			
Deuel	1	4	11	1	0	0	0	0	17	2	10	27	2	0	0	0	0	42	1.1%			
Dewey	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%		
Douglas	1	0	5	1	0	0	2	0	9	2	0	12	2	0	0	5	0	22	0.6%			
Edmunds	1	1	13	3	0	0	0	0	18	2	2	32	7	0	0	0	0	44	1.2%			
Fall River	0	2	6	3	3	1	2	2	19	0	5	15	7	7	2	5	5	10	46	1.3%		
Faulk	1	2	3	0	0	0	0	0	6	2	5	7	0	0	0	0	0	15	0.4%			
Grant	0	2	18	3	0	0	0	0	23	0	5	44	7	0	0	0	0	56	1.5%			
Gregory	0	5	10	5	1	2	6	1	30	0	12	24	12	2	5	15	2	73	2.0%			
Haakon	1	2	5	0	1	0	5	0	14	2	5	12	0	2	0	12	0	34	0.9%			
Hamlin	3	0	12	2	0	0	0	0	17	7	0	29	5	0	0	0	0	42	1.1%			
Hand	5	1	6	2	1	0	0	1	16	12	2	15	5	2	0	2	0	39	1.1%			
Hanson	1	2	9	1	0	0	1	0	14	2	5	22	2	0	0	2	0	34	0.9%			
Harding	0	0	3	1	4	0	5	0	13	0	0	7	2	10	0	12	0	32	0.9%			
Hughes	1	1	1	0	0	1	5	0	9	2	2	2	0	0	2	12	0	22	0.6%			
Hutchinson	2	4	6	3	0	0	0	0	15	5	10	15	7	0	0	0	0	37	1.0%			
Hyde	0	0	0	1	0	0	0	0	1	0	0	0	2	0	0	0	0	2	0.1%			
Jackson	1	1	1	0	1	2	6	0	12	2	2	2	0	2	5	15	0	29	0.8%			
Jerauld	0	1	4	0	0	0	2	0	7	0	2	10	0	0	0	5	0	17	0.5%			
Jones	0	0	1	0	2	0	6	1	10	0	0	2	0	5	0	15	2	24	0.7%			
Kingsbury	4	6	21	6	0	0	1	0	38	10	15	51	15	0	0	2	0	93	2.5%			
Lake	2	0	19	3	0	0	2	0	26	5	0	46	7	0	0	5	0	64	1.7%			
Lincoln	3	1	8	1	0	0	0	0	13	7	2	20	2	0	0	0	0	32	0.9%			
Lyman	2	1	7	1	1	0	8	1	21	5	2	17	2	2	0	20	2	51	1.4%			
McCook	3	1	14	3	0	0	1	0	22	7	2	34	7	0	0	2	0	54	1.5%			
McPherson	1	1	7	1	0	0	0	0	10	2	2	17	2	0	0	0	0	24	0.7%			
Marshall	1	0	4	2	0	0	0	0	7	2	0	10	5	0	0	0	0	17	0.5%			
Meade	1	6	24	3	4	3	14	2	57	2	15	59	7	10	7	34	5	59	139	3.8%		
Mellette	1	2	10	4	1	3	17	2	40	2	5	24	10	2	7	41	5	98	2.6%			
Miner	0	0	8	1	0	0	0	0	9	0	0	20	2	0	0	0	0	22	0.6%			
Moody	3	6	14	2	0	0	0	0	25	7	15	34	5	0	0	0	0	61	1.7%			
Perkins	3	1	6	0	2	1	4	0	17	7	2	15	0	5	2	10	0	41	1.1%			
Potter	2	0	6	1	0	0	0	0	9	5	0	15	2	0	0	0	0	22	0.6%			
Roberts	0	15	27	7	0	0	0	0	49	0	37	66	17	0	0	0	0	121	3.3%			
Sanborn	1	5	8	0	0	0	0	0	14	2	12	20	0	0	0	0	0	34	0.9%			
Spink	1	0	4	1	0	0	1	0	7	2	0	10	2	0	0	2	0	17	0.5%			
Stanley	0	0	4	0	4	0	6	1	15	0	0	10	0	10	0	15	2	36	1.0%			
Sully	1	0	0	0	0	0	0	2	3	2	0	0	0	0	0	0	5	7	0.2%			
Tripp	1	0	2	0	1	1	6	1	12	2	0	5	0	2	2	15	2	29	0.8%			
Turner	2	1	1	0	0	0	0	0	4	5	2	2	0	0	0	0	0	10	0.3%			
Union	1	1	17	1	0	0	0	0	20	2	2	42	2	0	0	0	0	49	1.3%			
Walworth	1	1	1	1	0	1	0	0	5	2	2	2	2	0	2	0	0	12	0.3%			
Ziebach	0	0	1	0	1	0	0	1	3	0	0	2	0	2	0	0	2	7	0.2%			
Shannon	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%		
Todd	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%		
Unknown	1	5	15	5	0	0	3	0	29													
<b>TOTALS</b>	<b>93</b>	<b>157</b>	<b>871</b>	<b>144</b>	<b>42</b>	<b>23</b>	<b>185</b>	<b>24</b>	<b>1,539</b>	<b>223</b>	<b>377</b>	<b>2,090</b>	<b>346</b>	<b>101</b>	<b>55</b>	<b>444</b>	<b>58</b>	<b>893</b>	<b>3,693</b>			

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

### Muzzleloader Deer 1991-2008



## **WEST RIVER FIREARM DEER**

There were 30,597 licenses issued for the 2008 West River Firearm Deer season (28,189 regular, 996 Special Buck and 1,412 Landowner Own Land Only) for a total of 56,026 total tags.

The West River season was open 16 days from November 8-23 in most units and from November 1-23 in Corson, Dewey and Ziebach counties. Units 50A in Mellette County and 30A in Gregory County were open from Nov. 1-4 and 17-23, while units 50B and 30B were open from Nov. 8-23. Beginning November 24<sup>th</sup>, all unused and unsold tags for "any deer" and "any whitetail" converted to their respective antlerless tags. The season was extended from Nov. 24-30 for all unfilled and unsold antlerless deer tags and again from Jan. 1-9, 2009. All antlerless tags were also valid during the Firearm Antelope season (October 4-19) in their respective units.

Significant changes from 2007 included combining units 53A and 53B to form one unit 53A, and combining unit 20A and 20B to form one unit 20A. After the third drawing, licenses were issued first-come, first-served with no limit per hunter.

A random sample of 12,206 hunters was taken from the regular West River season, 1,397 from the Landowner Own Land Only licenses, and 499 from the Special Buck licenses. The overall response rates for the seasons were 80% for the regular West River Deer, 75% for landowner West River Deer and 85% for Special Buck. Of all responding hunters, 45% of regular West River, 26% of landowner on own land and 26% of Special Buck hunters responded over the Internet.

Respondents reported hunting an average of 3.42 days in the regular West River season, 3.98 days for landowner and 3.39 days in the Special Buck. These averages projected to a total of 96,317 recreation days for all West River deer seasons. Hunters reported harvesting approximately 4% of their deer during the Firearm Antelope season, 4% during the extra week from Nov. 24-30, and 8% during January 1-9.

The West River projected deer harvest was 28,560 for the regular season, 1,229 for landowner on own land, and 729 for the Special Buck licenses. Success rates were 54% for the regular season, 55% for landowner and 73% for Special Buck. Success for the regular West River season "any deer and any antlerless deer" and "any whitetail and antlerless whitetail" license 1<sup>st</sup> tags (any) was 60% and success for 2<sup>nd</sup> (antlerless only) tags was 42%. Success for "any antlerless deer and any antlerless deer" and "antlerless whitetail and antlerless whitetail" license 1<sup>st</sup> tags was 66% and success for 2<sup>nd</sup> tags was 44%.

The mean satisfaction score for those responding to the regular West River season was 5.29 (1 being very dissatisfied and 7 very satisfied).

### Summary comparison of the 1999-2008 West River Deer seasons (including Special Buck and Landowner)

YEAR	Licenses Sold				Harvest				Total	Success	Avg Days	Avg Satis
	Resident		Nonres		Bucks		Does					
	Lics	Tags	Lics	Tags	WT	Mule	WT	Mule				
1999	15,803	20,826	1,573	2,554	5,304	3,494	2,685	901	12,384	53%	3.23	4.78
2000	17,826	23,441	1,891	2,451	6,567	4,178	3,450	1,078	15,273	59%	2.91	5.16
2001	20,133	29,525	2,264	3,248	6,588	4,962	3,586	2,145	17,281	53%	3.29	4.99
2002	20,844	32,278	2,463	3,658	6,686	5,109	3,893	2,455	18,143	50%	3.42	5.03
2003	21,601	35,570	2,705	4,367	5,599	5,326	5,188	3,438	19,551	49%	3.49	5.17
2004	22,608	37,845	2,913	4,795	6,266	6,186	5,395	5,134	22,981	52%	3.49	5.10
2005	23,626	39,413	3,126	4,981	6,866	6,640	5,860	5,716	25,082	56%	3.55	5.06
2006	24,872	44,720	3,617	6,273	7,732	7,213	6,563	5,616	27,124	53%	3.72	5.02
2007	26,271	46,805	3,413	6,370	8,138	7,721	7,009	6,232	29,100	55%	3.54	5.19
2008	26,533	48,770	4,064	7,256	8,621	7,560	8,081	6,256	30,518	54%	3.42	5.29

## 2008 West River Deer Harvest Projections

Unit	Harvest Projections																	Total Deer Harvested	Mean Satisfactn Rating	Average Days Hunted
	Licenses				Response			Whitetail				Mule Deer								
	Resident		Nonresident		Hunters	Rate	Success	Bucks		Does		Bucks		Does						
	Avail.	Sold	Avail.	Sold				Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn					
Penn NE / Meade SE	1,000	771	80	123	807	84%	#	52%	178	2	128	19	287	26	267	22	930	5.37	3.30	
Pennington SE	700	608	56	60	612	82%	#	50%	84	8	72	17	233	32	210	17	673	5.02	3.81	
Bennett N	330	182	27	18	195	80%	#	51%	44	3	34	6	48	4	65	1	205	5.40	3.21	
Bennett S	300	205	24	26	209	80%	#	68%	78	7	82	16	36	7	84	4	315	5.61	3.74	
Butte	1,900	1,612	152	225	1,672	80%	#	52%	437	74	552	106	335	33	319	49	1,905	5.01	3.80	
Butte SW/ Lawrence	1,100	998	88	109	1,032	79%	#	65%	409	98	674	95	72	0	72	12	1,432	5.29	3.94	
Corson	750	628	60	97	652	83%	#	61%	266	28	217	30	98	4	124	6	773	5.45	3.46	
Custer E / Penn S	700	690	56	69	717	79%	#	56%	212	19	160	10	183	26	214	19	843	5.28	4.11	
Custer C / Penn C	600	476	48	49	492	83%	#	52%	134	11	155	15	123	10	94	4	546	5.32	4.00	
Dewey	500	457	40	59	488	80%	#	58%	162	23	185	29	98	6	77	14	594	5.64	3.53	
Little Moreau	20	21	2	1	21	81%	#	70%	10	4	17	0	0	0	0	0	31	5.00	4.06	
FRiver NW/ Cust SW	500	502	40	39	541	84%	#	52%	80	8	49	6	226	16	117	4	504	4.64	4.61	
Fall River	700	672	56	78	730	77%	#	66%	159	5	157	24	316	20	225	15	921	5.22	4.16	
Gregory	2,200	1,965	176	291	1,990	79%	#	54%	637	106	642	78	259	23	217	18	1,981	5.45	3.50	
Haakon	950	797	76	137	876	81%	#	58%	157	13	141	13	403	21	316	16	1,080	5.56	3.44	
Harding NW	1,100	871	88	130	903	79%	#	44%	183	30	175	35	196	30	210	30	889	4.72	2.80	
Harding SW	700	521	56	62	539	86%	#	36%	70	13	96	15	90	9	100	26	420	4.28	2.97	
Harding E	1,600	1,286	128	175	1,335	81%	#	36%	296	27	272	85	180	14	157	10	1,042	4.73	2.51	
Jackson N	600	577	48	66	594	78%	#	53%	107	13	61	26	207	9	229	28	681	5.41	2.89	
Jackson S	350	301	28	36	294	82%	#	59%	74	6	70	13	108	5	117	8	400	5.59	3.47	
Jones	800	576	64	118	620	79%	#	65%	156	22	96	24	271	13	200	13	796	5.64	3.02	
Lyman W	800	729	64	136	782	80%	#	54%	235	25	162	10	226	15	191	12	875	5.44	3.53	
Lyman E	350	352	28	26	372	80%	#	58%	105	12	126	16	76	5	52	14	405	5.30	3.55	
Lyman NE / Stanley SE	50	50	5	5	42	83%	#	47%	13	0	25	0	7	1	4	1	52	5.06	4.46	
Ft Pr Nat Grslnd	100	100	8	8	108	93%	#	48%	35	2	21	1	30	0	15	0	104	5.46	4.03	
Meade W	1,250	1,141	100	148	1,137	75%	#	54%	421	43	361	30	265	17	249	0	1,386	5.38	4.03	
Meade NE	1,400	1,045	112	158	1,078	77%	#	53%	367	22	345	50	241	9	213	22	1,269	5.51	3.14	
Mellette	1,300	1,104	104	210	1,175	83%	#	60%	278	36	308	27	372	42	477	24	1,565	5.32	3.23	
Perkins N	1,250	1,014	100	157	1,055	81%	#	53%	395	44	291	78	183	20	206	23	1,241	5.39	3.01	
Perkins S	1,350	1,033	108	198	1,043	82%	#	59%	357	49	426	78	268	23	216	23	1,441	5.39	2.77	
Stanley	950	927	76	102	868	83%	#	48%	129	13	96	15	241	13	107	5	619	5.23	2.98	
Oahe Dwnstrm	10	9	2	2	10	70%	#	78%	3	1	3	0	1	0	0	0	9	6.67	1.57	
Tripp N	700	609	56	114	660	85%	#	62%	188	13	118	13	135	17	125	15	624	5.59	3.29	
Tripp S	1,000	918	80	132	925	82%	#	61%	421	27	272	40	115	8	64	0	946	5.59	3.42	
Ziebach	1,050	622	84	154	682	77%	#	53%	245	14	153	24	168	17	189	14	824	5.40	3.36	
Shannon	50	46	4	8	52	87%	#	71%	15	0	5	0	17	0	1	0	38	5.53	3.53	
Todd	250	206	20	42	224	85%	#	72%	106	7	37	3	34	0	15	0	202	5.47	2.91	
<b>Totals</b>	<b>29,260</b>	<b>24,621</b>	<b>2,344</b>	<b>3,568</b>	<b>25,532</b>	<b>80.8%</b>	<b>#</b>	<b>54%</b>	<b>7,246</b>	<b>829</b>	<b>6,783</b>	<b>1,048</b>	<b>6,150</b>	<b>494</b>	<b>5,538</b>	<b>471</b>	<b>28,560</b>	<b>5.29</b>	<b>3.42</b>	

The response rate for all units combined was: **81%**  
 # Units less than 85% response rate & harvest projections may not be within +/- 15% of sample statistic.

### 2008 West River Deer harvest by date

	Total	Oct 4-19	Nov 1-23	Nov 24-30	January 1-9
Reports	10,824	452	9,045	478	849
Percent of total		4%	84%	4%	8%
Projected	28,555	1,192	23,862	1,261	2,240

### 2008 West River Deer antlerless harvest by date

	Total	Oct 4-19	Nov 1-23	Nov 24-30	January 1-9
Reports	5,819	452	4,040	478	849
Percent of total		8%	69%	8%	15%
Projected	15,161	1,192	10,468	1,261	2,240

## 2008 West River Deer Harvest Projections

		Licenses						Harvest Projections											
		Resident			Nonresident			Success		Whitetail				Mule Deer				Total	
		Appl. 1st			Appl. 1st					Bucks		Does		Bucks		Does		Deer	
Unit/Type	Choice *	Avail.	Sold	Choice *	Avail.	Sold	1st tag	2nd tag	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Harvest		
02A-08	512	500	502	104	40	40	65%	45%	79	2	67	10	245	17	154	15	596		
02A-09	8	200	113	4	16	22	71%	53%	0	0	29	3	3	10	105	7	162		
02A-18	8	300	156	2	24	61	55%	26%	100	0	31	6	39	0	8	0	173		
02C-08	416	450	450	59	36	36	60%	38%	45	6	35	9	223	25	144	11	492		
02C-09	2	150	71	2	12	7	64%	41%	0	0	6	3	0	6	62	5	75		
02C-18	2	100	87	0	8	17	54%	32%	39	3	31	5	10	0	4	0	106		
11A-08	146	150	151	18	12	12	57%	44%	44	3	26	6	45	1	40	0	163		
11A-09	1	180	31	1	15	6	65%	40%	0	0	8	0	3	3	25	1	41		
11B-08	162	100	100	32	8	8	74%	53%	39	1	27	6	33	4	32	4	146		
11B-09	3	150	55	2	12	14	81%	52%	0	6	25	3	2	3	52	0	96		
11B-18	2	50	50	3	4	4	71%	54%	39	0	30	8	0	0	0	0	73		
15A-08	1,109	800	805	168	64	64	66%	49%	216	40	199	33	288	25	207	18	1010		
15A-09	20	300	276	15	24	45	55%	32%	0	20	100	39	5	7	101	31	296		
15A-18	34	550	486	14	44	106	46%	37%	221	14	196	34	21	0	11	0	515		
15A-19	3	250	45	3	20	10	100%	100%	0	0	56	0	21	0	0	0	84		
15B-08	686	750	749	109	60	60	62%	51%	397	55	343	51	72	0	47	5	965		
15B-09	35	350	249	9	28	49	78%	54%	12	44	332	45	0	0	24	7	467		
20A-03	11	250	138	7	20	45	78%		8	8	30	0	6	0	88	4	143		
20A-08	458	200	202	66	16	16	79%	51%	78	7	71	15	90	2	33	3	294		
20A-18	24	300	288	22	24	36	59%	42%	180	13	117	15	3	2	2	0	336		
21A-08	524	400	402	38	32	32	68%	40%	117	3	57	4	180	20	120	4	506		
21A-09	9	150	147	4	12	15	69%	44%	0	7	54	5	0	6	86	15	178		
21A-18	16	150	141	0	12	22	60%	34%	95	10	48	0	3	0	8	0	160		
21B-08	212	400	393	18	32	39	62%	41%	129	5	109	11	120	10	72	4	458		
21B-09	8	200	83	2	16	10	58%	24%	5	6	46	5	2	0	22	0	87		
24A-08	324	200	200	36	16	16	73%	47%	63	8	47	5	96	6	39	3	262		
24A-09	7	100	67	6	8	19	79%	70%	2	3	59	15	0	0	36	10	128		
24A-18	29	200	190	6	16	24	51%	41%	97	12	79	8	2	0	2	0	204		
24B-18	62	10	10	3	1	1	80%	50%	10	0	5	0	0	0	0	0	14		
24B-19	4	10	11	0	1	0	83%	50%	0	4	12	0	0	0	0	0	17		
27A-01	92	100	102	14	8	7	62%		19	0	2	0	40	0	5	0	68		
27A-08	367	400	400	41	32	32	59%	37%	61	8	46	6	185	16	112	4	436		
27B-01	113	100	100	20	8	8	59%		21	0	0	0	35	0	8	0	64		
27B-08	420	600	572	77	48	70	75%	57%	138	5	157	24	281	20	217	15	857		
30A-01	328	200	203	49	16	16	59%		61	5	15	0	46	0	5	0	130		
30A-03	2	300	225	5	24	41	81%		34	17	82	15	0	0	57	7	216		
30A-08	462	400	401	50	32	32	55%	45%	93	22	90	28	113	11	73	4	431		
30A-18	16	200	180	8	16	38	49%	31%	93	10	65	5	0	0	0	0	173		
30B-01	228	100	101	48	8	9	46%		46	0	0	0	5	0	0	0	50		
30B-03	12	300	205	5	24	51	61%		5	16	82	5	5	6	31	4	156		
30B-08	431	500	500	74	40	40	64%	58%	192	36	247	19	85	6	51	4	639		
30B-18	6	200	150	22	16	64	58%	28%	114	0	61	7	4	0	0	0	186		
31A-08	570	600	600	100	48	48	72%	43%	64	8	63	6	391	15	238	13	801		
31A-09	9	200	92	6	16	31	61%	36%	3	5	27	7	4	6	79	3	130		
31A-18	1	150	105	3	12	58	59%	28%	89	0	51	0	8	0	0	0	149		
35A-08	614	650	650	126	52	51	46%	37%	116	19	102	9	179	21	152	20	618		
35A-09	15	200	81	11	16	32	61%	39%	0	0	41	13	0	9	49	10	123		
35A-18	2	250	140	6	20	47	46%	23%	66	11	31	13	18	0	9	0	149		
35B-08	427	350	351	78	28	28	33%	28%	30	2	32	10	87	5	68	7	238		
35B-09	11	150	71	8	12	14	63%	43%	0	5	33	5	0	4	29	20	93		
35B-18	0	200	99	4	16	20	49%	31%	39	7	31	0	3	0	3	0	89		
35C-08	1,172	600	605	198	48	47	46%	24%	104	8	74	22	180	10	75	7	477		
35C-09	33	400	214	14	32	61	32%	15%	0	0	38	19	0	4	77	4	137		
35C-18	20	600	464	1	48	67	43%	35%	192	19	160	45	0	0	4	0	428		
35C-19	0	0	3	0	0	0													
39A-08	409	350	351	55	28	28	73%	50%	44	8	24	9	207	9	154	14	474		
39A-09	15	100	89	3	8	14	61%	36%	0	0	9	12	0	0	68	14	99		
39A-18	0	150	137	1	12	24	47%	20%	63	5	28	5	0	0	7	0	109		
39B-08	209	200	200	51	16	16	71%	48%	41	4	33	4	100	1	75	8	261		
39B-09	1	100	63	0	8	4	82%	73%	0	3	22	5	4	3	42	0	82		
39B-18	0	50	38	0	4	16	61%	26%	32	0	15	3	4	0	0	0	58		
41A-01	163	150	150	25	12	12	82%		39	0	2	0	96	0	4	0	132		
41A-08	123	250	241	38	20	31	72%	50%	40	10	25	11	158	2	97	3	338		
41A-09	17	200	85	6	16	28	79%	71%	0	4	34	6	4	12	93	10	179		
41A-18	0	200	100	2	16	47	61%	39%	77	9	34	8	13	0	6	0	146		

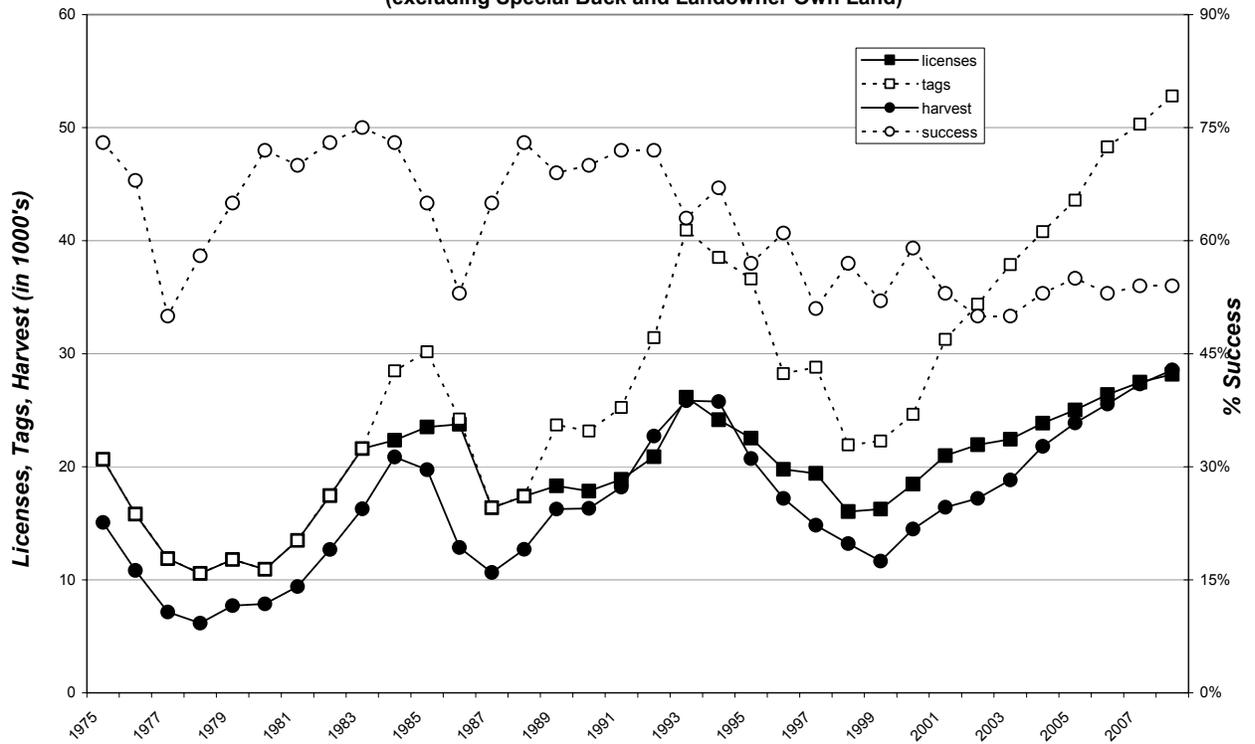
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**South Dakota Game Report No 2009-03 - 2008 Big Game Harvest Projections**  
 Corey Huxoll

Unit/Type	Licenses						Harvest Projections											Total Deer Harvest
	Resident			Nonresident			Success		Whitetail				Mule Deer					
	Appl. 1st		Sold	Appl. 1st		Sold	1st tag	2nd tag	Bucks		Does		Bucks		Does			
	Choice *	Avail.		Choice *	Avail.				Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn		
45A-03	11	100	95	0	8	12	98%		3	8	31	2	3	5	49	3	105	
45A-08	321	500	477	69	40	64	65%	43%	124	11	68	5	212	10	143	9	586	
45A-18	5	200	157	9	16	60	54%	30%	109	5	63	2	10	0	0	0	184	
45B-08	468	250	250	54	20	20	64%	52%	76	8	80	10	76	3	52	14	319	
45B-13	3	50	52	0	4	2	28%		0	2	10	2	0	2	0	0	15	
45B-18	77	50	50	2	4	4	64%	64%	29	2	36	4	0	0	0	0	71	
45C-08	40	30	30	0	3	3	61%	21%	12	0	6	0	7	0	4	1	28	
45C-19	2	20	20	0	2	2	50%	0%	2	0	19	0	0	1	0	0	24	
45D-08	228	50	50	11	4	4	67%	35%	8	0	3	1	30	0	15	0	57	
45D-18	31	50	50	1	4	4	50%	36%	27	2	17	0	0	0	0	0	46	
49A-08	601	900	865	99	72	102	61%	37%	349	23	191	19	261	9	183	0	1032	
49A-09	14	200	144	5	16	16	73%	54%	0	20	110	0	0	7	65	0	209	
49A-18	7	150	132	5	12	30	41%	29%	72	0	60	11	4	0	0	0	144	
49B-08	700	600	601	118	48	48	65%	43%	179	14	145	41	226	9	119	0	736	
49B-09	10	400	127	1	32	32	63%	33%	0	0	59	0	0	0	91	14	175	
49B-18	3	400	316	3	32	78	55%	38%	188	8	141	9	15	0	3	0	358	
49B-19	0	0	1	0	0	0												
50A-08	391	300	304	39	24	24	63%	46%	49	3	64	3	145	6	103	3	374	
50A-09	3	100	55	6	8	19	82%	65%	0	0	10	0	0	7	89	0	105	
50A-18	2	100	75	5	8	33	43%	43%	47	15	24	0	5	0	0	0	91	
50B-08	418	500	502	115	40	38	68%	49%	126	0	52	14	217	22	212	9	648	
50B-09	6	200	95	11	16	60	75%	43%	0	14	89	7	4	8	73	12	212	
50B-18	4	100	73	0	8	36	65%	54%	56	4	70	3	0	0	0	0	135	
53A-08	782	400	400	123	32	32	70%	51%	133	3	79	21	183	16	138	3	547	
53A-09	13	350	148	13	28	51	59%	45%	7	13	60	23	0	4	68	20	194	
53A-18	35	500	466	18	40	74	51%	39%	256	27	152	35	0	0	0	0	500	
53C-08	607	600	603	110	48	48	62%	42%	142	15	141	29	259	17	121	5	727	
53C-09	4	150	88	11	12	56	84%	53%	0	0	79	5	0	6	95	19	194	
53C-18	43	600	337	12	48	94	60%	46%	215	34	207	44	9	0	0	0	520	
53C-19	0	0	5	0	0	0												
58A-01	598	400	403	85	32	32	63%		23	2	11	2	235	5	7	0	273	
58A-03	5	300	297	6	24	28	48%		0	3	32	3	0	7	99	0	155	
58A-18	13	250	227	8	20	42	44%	28%	106	7	54	10	7	0	0	0	192	
58D-01	7	5	4	2	1	1	78%		3	0	0	0	1	0	0	0	4	
58D-03	1	5	5	1	1	1	78%		0	1	3	0	0	0	0	0	5	
60A-01	342	400	398	65	32	34	68%		111	2	11	6	135	6	28	0	293	
60A-09	11	150	96	7	12	32	71%	50%	3	0	52	5	0	11	92	15	174	
60A-18	20	150	115	6	12	48	49%	34%	74	11	56	2	0	0	5	0	158	
60B-01	412	500	501	52	40	40	66%		234	0	16	0	111	0	9	0	359	
60B-09	12	200	150	13	16	35	76%	42%	9	15	92	29	0	0	55	0	210	
60B-18	71	300	267	24	24	57	61%	51%	178	12	164	11	4	0	0	0	378	
64A-08	269	450	426	82	36	59	57%	49%	100	3	80	9	164	17	158	0	526	
64A-09	3	300	36	5	24	17	67%	53%	3	0	16	3	3	0	31	14	70	
64A-18	3	300	159	8	24	78	62%	32%	143	11	58	11	0	0	0	0	227	
64A-19	0	0	1	0	0	0												
65A-01	35	50	46	9	4	8	71%		15	0	5	0	17	0	1	0	38	
67A-01	109	200	187	33	16	29	77%		106	4	15	3	34	0	3	0	165	
67A-09	0	50	19	1	4	13	69%	46%	0	2	22	0	0	0	12	0	37	
<b>Totals</b>	<b>17,865</b>	<b>29,260</b>	<b>24,621</b>	<b>3,149</b>	<b>2,344</b>	<b>3,568</b>	<b>1st tag</b>	<b>2nd tag</b>	<b>7,246</b>	<b>829</b>	<b>6,783</b>	<b>1,048</b>	<b>0</b>	<b>6,150</b>	<b>494</b>	<b>5,538</b>	<b>471</b>	<b>28,560</b>
							<b>Any + antls=</b>	<b>60%</b>	<b>42%</b>									
							<b>Antls + antls=</b>	<b>66%</b>	<b>44%</b>									

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

### West River Deer Regular Season 1975-2008 (excluding Special Buck and Landowner Own Land)



## 2008 West River Deer LOL Harvest Projections

Last Revised: 24 April 09

Unit/Type	Licenses		Tags sold	Response Rate	Tag Success	Harvest Projections				Total Deer Harvest	Mean Satisfactn Rating	Average Days Hunted
	Avail.	Sold				Whitetail		Mule Deer				
						Bucks	Does	Bucks	Does			
LO-ST-01	Unitd	582	582	79%	60%	121	24	187	17	349	5.09	3.74
LO-ST-03	Unitd	2	2	0%						0		
LO-ST-08	Unitd	822	1,644	72%	54%	209	218	232	221	880	5.12	4.17
LO-ST-09	Unitd	6	12	0%						0		
<b>Totals</b>		<b>1,412</b>	<b>2,240</b>	<b>75.0%</b>	<b>55%</b>	<b>330</b>	<b>243</b>	<b>419</b>	<b>238</b>	<b>1,229</b>	<b>5.11</b>	<b>3.98</b>

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

## 2008 West River LOL Harvest Distribution

Last Revised:  
24-Apr-09

County	Reported Harvest					Projected Harvest					Total Projected	%
	Whitetail		Mule Deer		Total	Whitetail		Mule Deer		Total		
	Bucks	Does	Bucks	Does		Bucks	Does	Bucks	Does			
Pennington	9	6	12	9	36	13	9	17	13	52	4.2%	
Lawrence	2	5	1	0	8	3	7	1	0	12	0.9%	
Bennett	10	2	9	2	23	15	3	13	3	33	2.7%	
<b>Butte</b>	<b>19</b>	<b>32</b>	<b>10</b>	<b>14</b>	<b>75</b>	<b>28</b>	<b>47</b>	<b>14</b>	<b>20</b>	<b>109</b>	<b>8.9%</b>	
Corson	8	3	12	6	29	12	4	17	9	42	3.4%	
Custer	3	0	2	0	5	4	0	3	0	7	0.6%	
Dewey	3	5	8	2	18	4	7	11	3	26	2.1%	
Fall River	4	1	5	1	11	6	1	7	1	16	1.3%	
Gregory	38	19	15	15	87	55	28	21	22	126	10.3%	
<b>Haakon</b>	<b>6</b>	<b>9</b>	<b>30</b>	<b>6</b>	<b>51</b>	<b>9</b>	<b>13</b>	<b>42</b>	<b>9</b>	<b>73</b>	<b>5.9%</b>	
Harding	4	0	6	3	13	6	0	8	4	19	1.5%	
<b>Jackson</b>	<b>13</b>	<b>5</b>	<b>25</b>	<b>14</b>	<b>57</b>	<b>19</b>	<b>7</b>	<b>35</b>	<b>20</b>	<b>82</b>	<b>6.7%</b>	
Jones	1	1	12	3	17	1	1	17	4	24	2.0%	
Lyman	13	9	39	16	77	19	13	55	23	110	9.0%	
Meade	32	24	26	18	100	47	35	36	26	144	11.8%	
<b>Mellette</b>	<b>9</b>	<b>3</b>	<b>15</b>	<b>7</b>	<b>34</b>	<b>13</b>	<b>4</b>	<b>21</b>	<b>10</b>	<b>49</b>	<b>4.0%</b>	
Perkins	15	21	21	18	75	22	31	29	26	108	8.8%	
Stanley	6	3	29	11	49	9	4	41	16	70	5.7%	
Tripp	22	15	14	18	69	32	22	20	26	100	8.1%	
Ziebach	5	3	6	0	14	7	4	8	0	20	1.6%	
Todd	4	0	2	0	6	6	0	3	0	9	0.7%	
<b>Unknown</b>	<b>19</b>	<b>10</b>	<b>15</b>	<b>9</b>	<b>0</b>	<b>53</b>						
<b>TOTALS</b>	<b>245</b>	<b>176</b>	<b>314</b>	<b>172</b>	<b>907</b>	<b>330</b>	<b>242</b>	<b>419</b>	<b>238</b>	<b>1,229</b>		

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!

## 2008 West River Special Buck Harvest Projections

Unit/Type	Licenses				Response Rate	Tag Success	Harvest Projections				Total Deer Harvest	Mean Satisfactn Rating	Average Days Hunted
	Resident		Nonresident				Whitetail		Mule Deer				
	Avail.	Sold	Avail.	Sold			Bucks	Does	Bucks	Does			
<b>WR-01</b>	500	500	500	496	85%	73%	216	7	497	9	729	4.55	3.39

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

## 2008 West River Special Buck Harvest Distribution

County	Reported Harvest					Projected Harvest					Projected	%
	Whitetail		Mule Deer		Total	Whitetail		Mule Deer		Total		
	Bucks	Does	Bucks	Does		Bucks	Does	Bucks	Does			
Pennington	10	0	41	0	51	25	0	103	0	128	17.6%	
Lawrence	2	0	0	0	2	5	0	0	0	5	0.7%	
Bennett	0	0	3	0	3	0	0	8	0	8	1.0%	
<b>Butte</b>	<b>2</b>	<b>0</b>	<b>15</b>	<b>0</b>	<b>17</b>	<b>5</b>	<b>0</b>	<b>38</b>	<b>0</b>	<b>43</b>	<b>5.9%</b>	
<b>Corson</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>3</b>	<b>2</b>	<b>0</b>	<b>3</b>	<b>2</b>	<b>7</b>	<b>1.0%</b>	
<b>Custer</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0%</b>	
Dewey	3	2	0	0	5	7	5	0	0	12	1.7%	
Fall River	1	1	3	1	6	2	2	8	2	15	2.0%	
Gregory	15	0	5	0	20	37	0	13	0	49	6.8%	
<b>Haakon</b>	<b>3</b>	<b>0</b>	<b>15</b>	<b>1</b>	<b>19</b>	<b>7</b>	<b>0</b>	<b>38</b>	<b>2</b>	<b>47</b>	<b>6.5%</b>	
<b>Harding</b>	<b>8</b>	<b>0</b>	<b>19</b>	<b>0</b>	<b>27</b>	<b>20</b>	<b>0</b>	<b>48</b>	<b>0</b>	<b>68</b>	<b>9.3%</b>	
<b>Jackson</b>	<b>4</b>	<b>0</b>	<b>7</b>	<b>0</b>	<b>11</b>	<b>10</b>	<b>0</b>	<b>18</b>	<b>0</b>	<b>27</b>	<b>3.8%</b>	
Jones	2	0	10	0	12	5	0	25	0	30	4.1%	
Lyman	1	0	7	0	8	2	0	18	0	20	2.8%	
Meade	14	0	25	0	39	34	0	63	0	97	13.4%	
<b>Mellette</b>	<b>7</b>	<b>0</b>	<b>7</b>	<b>1</b>	<b>15</b>	<b>17</b>	<b>0</b>	<b>18</b>	<b>2</b>	<b>37</b>	<b>5.1%</b>	
<b>Perkins</b>	<b>7</b>	<b>0</b>	<b>10</b>	<b>0</b>	<b>17</b>	<b>17</b>	<b>0</b>	<b>25</b>	<b>0</b>	<b>42</b>	<b>5.8%</b>	
<b>Stanley</b>	<b>3</b>	<b>0</b>	<b>21</b>	<b>0</b>	<b>24</b>	<b>7</b>	<b>0</b>	<b>53</b>	<b>0</b>	<b>60</b>	<b>8.3%</b>	
Tripp	4	0	4	0	8	10	0	10	0	20	2.7%	
Ziebach	1	0	3	0	4	2	0	8	0	10	1.4%	
Shannon	0	0	1	0	1	0	0	3	0	3	0.3%	
<b>Todd</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0%</b>	
<b>Unknown</b>	<b>4</b>	<b>0</b>	<b>15</b>	<b>0</b>	<b>19</b>							
<b>TOTALS</b>	<b>92</b>	<b>3</b>	<b>212</b>	<b>4</b>	<b>311</b>	<b>216</b>	<b>7</b>	<b>497</b>	<b>9</b>	<b>729</b>		

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

## **EAST RIVER FIREARM DEER**

There were 48,980 licenses issued for the 2008 East River Firearm Deer season (44,411 regular, 401 Special Buck and 4,168 Landowner Own Land Only) for a total of 76,783 total tags.

The East River season was open 16 days from November 15-30 in all units. Beginning December 1, all unused and unsold tags for “any deer” and “any whitetail” converted to their respective antlerless tags. The season was extended from Dec. 1-7 for all unfilled and unsold antlerless deer tags, and again from Jan. 1-9, 2009.

A random sample of 18,446 hunters was taken from the regular East River season, 4,144 from the Landowner Own Land Only licenses, and all 401 Special Buck hunters (1 was undeliverable). The response rates were 80% for the regular East River Deer, 77% for Landowner East River Deer and 85% for Special Buck. Of all responding hunters, 41% of regular East River, 27% of Landowner Own Land and 26% of Special Buck hunters responded over the Internet.

Respondents reported hunting an average of 4.79 days per hunter for the regular season, 4.85 days for Landowner Own Land and 5.72 days for Special Buck, resulting in a projected total of 224,729 recreation days for the entire East River season. Hunters reported harvesting approximately 81% of their deer during the regular season, 7% during the extra week from Dec. 1-7, and 11% during January 1-9.

The East River projected deer harvest was 35,164 for the regular season, 3,080 for Landowner Own Land, and 235 for the Special Buck season. Success rates were 50% for the regular season, 47% for Landowner Own Land, and 59% for Special Buck. Success for the regular East River season “any deer and any antlerless deer” and “any whitetail and antlerless whitetail” license 1<sup>st</sup> tags (any) was 57% and success for 2<sup>nd</sup> (antlerless only) tags was 42%. Success for “any antlerless deer and any antlerless deer” and “antlerless whitetail and antlerless whitetail” license 1<sup>st</sup> tags was 60% and success for 2<sup>nd</sup> tags was 32%.

The mean satisfaction score for those responding to the regular East River survey was 4.71, for the Landowner Own Land survey was 4.90, and for the Special Buck survey was 4.23 (1 = “very dissatisfied” and 7 = “very satisfied”).

### Summary comparison of the 1999-2008 East River Deer seasons (including Special Buck and Landowner)

YEAR	Licenses Sold				Harvest				Total Harvest	Success	Avg Days	Avg Satis
	Resident		Nonres		Bucks		Does					
	Lics	Tags	Lics	Tags	WT	Mule	WT	Mule				
1999	35,373	40,287	213	326	13,294	547	11,196	269	25,306	62%	3.54	4.86
2000	38,129	43,744	238	383	14,641	505	12,170	231	27,547	62%	3.05	4.99
2001	41,550	54,651	452	819	14,835	465	15,276	439	31,015	56%	3.79	4.83
2002	42,714	56,826	503	889	15,365	543	17,489	441	33,838	59%	3.93	5.01
2003	45,846	65,567	837	1,581	15,251	488	21,911	476	38,126	57%	4.40	5.14
2004	47,942	71,443	1,134	2,157	13,953	519	22,991	498	37,961	52%	4.42	4.90
2005	47,649	71,362	1,316	2,462	17,337	559	24,636	535	43,067	58%	4.06	5.01
2006	48,608	74,462	1,506	2,804	17,444	544	23,503	421	41,912	54%	4.56	4.82
2007	48,708	74,502	1,760	3,340	17,609	593	20,311	562	39,075	50%	4.52	4.72
2008	47,308	73,592	1,672	3,191	16,951	646	20,239	642	38,478	50%	4.79	4.71

South Dakota Game Report No 2009-03 - 2008 Big Game Harvest Projections  
Corey Huxoll

## 2008 East River Deer Harvest Projections

Last Revised: 29 April 09

Unit	Licenses				Harvest Projections												Total Deer Harvested	Mean Satisfactn Rating	Average Days Hunted	
	Resident		Nonresident		Tags sold	Hunters	Response Rate	Unit/Subunit Success	Whitetail			Mule Deer								
	Avail.	Sold	Avail.	Sold					Bucks	Does	Fawn	Bucks	Does	Fawn						
Aurora	775	746	leftovers	30	1,302	751	77%	#	59%	210	42	442	75	0	0	0	0	768	4.98	4.65
Beadle	1,550	1,494	leftovers	59	2,305	1,457	81%	#	52%	478	112	536	68	4	4	4	0	1,205	4.79	4.71
Bon Homme	720	717	leftovers	5	922	691	81%	#	60%	145	59	288	41	9	0	14	0	555	4.96	5.33
Brookings	1,300	1,302	leftovers	0	1,601	1,302	79%	#	49%	260	41	418	65	0	0	7	0	791	4.89	4.99
Brown	3,200	2,883	leftovers	175	5,717	2,848	80%	#	47%	921	233	1,332	178	0	0	0	6	2,670	4.63	5.16
Brule	1,650	1,301	leftovers	90	2,782	1,311	77%	#	46%	482	71	479	68	96	7	68	7	1,279	4.86	4.34
Buffalo	400	354	leftovers	47	802	376	77%	#	38%	142	15	82	7	27	2	24	2	301	5.04	3.36
Campbell	710	553	leftovers	57	1,220	553	79%	#	56%	262	46	335	42	4	0	0	0	689	4.71	4.61
Charles Mix	1,150	1,145	leftovers	9	1,504	1,131	82%	#	53%	272	45	335	39	42	6	57	6	802	4.84	4.62
Clark	1,700	1,560	leftovers	100	3,018	1,561	82%	#	39%	387	87	581	118	8	0	8	0	1,189	4.37	4.99
Clay	850	810	leftovers	11	1,071	715	76%	#	41%	167	37	209	30	0	0	0	0	443	4.68	5.49
Codington	1,200	1,172	leftovers	30	1,202	1,080	79%	#	49%	215	61	273	33	0	0	0	3	586	4.41	5.21
Davison	750	736	leftovers	18	754	678	76%	#	64%	221	43	202	17	0	0	2	0	485	4.94	4.74
Day	1,100	1,104	leftovers	0	1,708	1,104	81%	#	49%	282	78	420	51	0	0	3	3	837	4.46	5.25
Deuel	950	952	leftovers	1	1,253	951	82%	#	55%	258	48	330	51	0	0	0	0	688	4.69	4.73
Douglas	600	508	leftovers	6	1,028	500	77%	#	43%	173	47	194	22	2	0	0	0	439	4.86	4.96
E Sully	550	387	leftovers	24	772	389	75%	#	46%	186	30	110	19	4	0	8	0	357	5.07	3.16
Edmunds	1,400	1,222	leftovers	173	2,790	1,263	77%	#	60%	495	111	945	107	0	3	17	0	1,678	5.02	4.37
Faulk	1,300	969	leftovers	104	2,146	992	80%	#	59%	437	101	612	104	6	0	0	3	1,262	5.12	3.81
Grant	900	900	leftovers	0	900	900	76%	#	54%	212	36	195	36	0	0	3	0	482	4.28	5.01
Hamlin	1,000	972	leftovers	29	1,603	975	79%	#	46%	244	57	372	68	0	0	0	0	742	4.57	5.58
Hand	1,050	986	leftovers	63	2,098	971	80%	#	57%	324	114	614	98	14	0	25	6	1,194	5.07	4.50
Hanson	700	694	leftovers	9	703	581	83%	#	54%	126	34	192	20	2	0	2	0	377	4.49	5.22
Hughes	475	474	leftovers	2	876	460	83%	#	50%	164	24	142	13	46	7	35	6	436	5.35	4.19
Hutchinson	750	735	leftovers	16	1,051	727	85%	#	53%	142	51	311	44	2	0	4	0	556	4.57	4.98
Hyde	900	580	leftovers	42	1,244	590	79%	#	50%	296	48	213	33	17	0	11	2	620	5.14	3.85
Jerauld	725	597	leftovers	29	1,091	586	83%	#	54%	192	29	337	16	12	0	0	0	586	5.07	4.33
Kingsbury	1,600	1,587	leftovers	20	2,007	1,560	82%	#	52%	438	83	461	68	0	0	0	0	1,050	4.68	4.30
Lake	800	806	leftovers	0	1,210	806	80%	#	47%	193	47	274	54	0	0	0	0	569	4.31	5.74
Lincoln	450	455	leftovers	0	555	455	87%	#	39%	100	21	82	5	3	0	3	0	215	4.38	5.50
Marshall	1,200	1,107	leftovers	95	2,003	1,180	84%	#	46%	293	64	445	109	6	0	0	0	917	4.36	4.56
McCook	950	957	leftovers	0	1,310	955	81%	#	51%	217	58	329	52	0	0	14	0	670	4.35	4.81
McPherson	1,200	1,015	leftovers	120	1,968	1,040	80%	#	59%	385	100	544	94	15	0	18	3	1,158	5.08	4.00
Miner	1,175	1,022	leftovers	35	1,623	984	79%	#	52%	279	52	463	55	0	0	0	0	849	4.66	4.78
Minnehaha	1,300	1,303	leftovers	0	1,704	1,303	77%	#	39%	183	60	369	46	0	7	0	0	664	4.34	6.12
Moody	700	703	leftovers	0	905	703	79%	#	51%	222	21	180	23	2	0	9	0	458	4.20	5.64
Potter	1,050	814	leftovers	42	1,712	797	80%	#	51%	300	70	358	57	37	5	40	7	874	4.82	3.84
Roberts	1,000	1,000	leftovers	0	1,000	1,000	86%	#	61%	197	50	325	34	0	3	3	0	612	4.25	5.10
Sanborn	900	820	leftovers	32	1,281	767	79%	#	54%	189	65	391	37	0	0	10	5	697	4.95	4.90
Spink	2,200	1,735	leftovers	89	3,349	1,705	80%	#	50%	668	74	848	78	0	0	8	0	1,676	4.74	4.46
Turner	1,000	953	leftovers	14	1,409	897	76%	#	39%	121	62	307	48	3	3	0	0	544	3.93	5.88
Union	800	797	leftovers	4	950	771	82%	#	51%	164	62	238	21	0	0	0	0	485	4.69	4.83
W Sully	600	516	leftovers	24	1,080	521	80%	#	42%	152	21	101	12	64	21	70	16	457	4.97	3.78
Walworth	850	593	leftovers	68	1,322	627	81%	#	55%	280	50	269	52	19	0	34	17	722	5.19	4.22
Yankton	700	703	leftovers	0	953	703	84%	#	56%	189	55	251	35	0	0	0	0	530	4.89	5.78
<b>Totals</b>	<b>46,830</b>	<b>42,739</b>	<b>leftovers</b>	<b>1,672</b>	<b>69,804</b>	<b>42,217</b>	<b>80.0%</b>	<b>#</b>	<b>50%</b>	<b>12,265</b>	<b>2,713</b>	<b>16,736</b>	<b>2,345</b>	<b>445</b>	<b>67</b>	<b>500</b>	<b>92</b>	<b>35,164</b>	<b>4.71</b>	<b>4.79</b>

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

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

### 2008 East River Deer harvest by date

	Total	Nov 15-30	Dec 1-7	January 1-9
Reports	12,090	9,821	905	1,364
Percent of total		81%	7%	11%
Projected	35,164	28,565	2,632	3,967

### 2008 East River Deer antlerless harvest by date

	Total	Nov 15-30	Dec 1-7	January 1-9
Reports	7,691	5,422	905	1,364
Percent of total		71%	12%	18%
Projected	22,454	15,855	2,632	3,967

# 2008 East River Deer Harvest Projections

Unit/Type	Licenses					Harvest Projections										Total Deer Harvest		
	Resident			Nonresident		Success				Whitetail				Mule Deer				
	Appl. 1st Choice *	Avail.	Sold	Avail.	Sold	1st tag	2nd tag	Bucks		Does		Bucks		Does				
								Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn			
01A-01	1,239	600	604	leftovers	0	42%		183	8	51	4	0	7	0	0	255		
01A-03	44	300	298	leftovers	0	38%		0	10	91	12	0	0	0	0	112		
01A-09	79	400	401	leftovers	0	49%	25%	0	43	226	30	0	0	0	0	296		
03A-01	651	400	399	leftovers	0	62%		183	0	66	0	0	0	0	0	249		
03A-08	1,683	1,600	1,603	leftovers	0	49%	41%	715	81	632	100	0	0	0	0	1,529		
03A-09	75	1,200	881	leftovers	175	54%	27%	23	152	635	78	0	0	0	0	893		
04A-01	771	700	701	leftovers	0	50%		314	7	34	4	4	0	0	0	353		
04A-03	14	100	95	leftovers	5	19%		0	3	11	4	0	0	0	0	19		
04A-08	465	300	302	leftovers	0	62%	60%	165	24	150	34	0	0	0	0	371		
04A-09	29	450	396	leftovers	54	66%	39%	0	77	341	27	0	4	4	0	463		
05A-01	946	500	504	leftovers	0	57%		211	9	67	3	0	0	0	0	285		
05A-03	32	700	668	leftovers	30	43%		4	51	206	30	0	0	0	3	300		
06A-01	1,238	600	603	leftovers	0	56%		260	7	69	3	0	0	0	0	338		
06A-03	46	400	400	leftovers	0	40%		0	10	132	14	0	0	3	0	160		
06A-09	91	300	299	leftovers	0	69%	28%	0	24	217	48	0	0	3	0	293		
07A-01	905	300	303	leftovers	0	68%		189	8	18	2	0	0	0	0	207		
07A-03	25	150	150	leftovers	0	51%		0	9	63	2	0	0	0	0	76		
07A-09	96	250	250	leftovers	0	64%	35%	0	39	169	31	0	0	0	0	247		
08A-11	591	350	354	leftovers	0	70%		207	8	27	5	0	0	0	0	248		
08A-13	30	400	382	leftovers	18	59%		14	35	176	11	0	0	2	0	238		
10A-01	153	50	51	leftovers	0	69%		32	0	2	3	0	0	0	0	35		
10A-13	16	200	178	leftovers	21	46%		0	7	71	13	0	0	0	0	92		
10A-18	591	275	276	leftovers	0	69%	54%	178	13	148	16	0	0	0	0	351		
10A-19	35	250	241	leftovers	9	72%	41%	0	22	221	43	0	0	0	0	290		
12A-01	646	270	272	leftovers	0	67%		140	5	26	2	9	0	0	0	182		
12A-03	23	250	246	leftovers	4	55%		3	25	94	8	0	0	7	0	138		
12A-09	43	200	199	leftovers	1	67%	37%	2	29	167	30	0	0	7	0	236		
13A-08	716	550	552	leftovers	0	56%	38%	202	8	158	19	96	7	68	7	566		
13A-18	139	600	563	leftovers	37	46%	38%	280	47	190	18	0	0	0	0	531		
13A-19	16	500	186	leftovers	53	49%	22%	0	16	130	31	0	0	0	0	181		
14A-08	115	150	150	leftovers	0	46%	38%	37	2	33	4	25	2	22	2	126		
14A-18	13	250	204	leftovers	47	45%	24%	105	13	49	4	2	0	2	0	175		
16A-08	157	10	11	leftovers	0	50%	0%	0	0	0	0	4	0	0	0	6		
16A-18	364	400	404	leftovers	0	64%	48%	262	33	173	23	0	0	0	0	486		
16A-19	13	300	138	leftovers	57	62%	33%	0	13	162	19	0	0	0	0	197		
17A-01	859	200	203	leftovers	0	59%		77	0	5	0	35	0	6	0	121		
17A-03	21	200	200	leftovers	0	56%		0	3	44	13	0	6	42	6	112		
17A-11	586	400	401	leftovers	0	65%		188	3	51	6	6	0	9	0	261		
17A-19	43	350	341	leftovers	9	57%	25%	7	39	235	20	0	0	0	0	309		
18A-01	397	300	302	leftovers	0	49%		136	4	3	7	4	0	0	0	149		
18A-08	866	600	603	leftovers	0	42%	32%	238	22	174	30	0	0	0	0	460		
18A-09	33	800	655	leftovers	100	49%	24%	13	62	403	81	4	0	8	0	580		
19A-01	532	350	350	leftovers	0	53%		160	3	20	0	0	0	0	0	186		
19A-03	5	250	215	leftovers	6	31%		0	10	48	11	0	0	0	0	68		
19A-09	40	250	245	leftovers	5	54%	25%	7	24	142	19	0	0	0	0	190		
22A-03	72	500	500	leftovers	0	60%		0	56	232	16	0	0	0	3	299		
22A-08	1,318	600	604	leftovers	0	51%	35%	282	22	188	35	0	0	3	0	538		
23A-01	477	350	353	leftovers	0	45%		113	5	37	6	0	0	0	0	160		
23A-03	29	300	299	leftovers	1	48%		0	13	121	7	0	0	0	0	143		
23A-08	476	300	300	leftovers	0	61%	66%	145	30	173	37	0	0	0	0	384		
25A-18	403	350	350	leftovers	0	48%	35%	171	32	94	5	2	0	0	0	294		
25A-19	13	250	158	leftovers	6	61%	25%	3	15	100	18	0	0	0	0	145		
26A-08	976	800	799	leftovers	0	63%	47%	474	51	361	41	0	0	3	0	924		
26A-09	27	600	423	leftovers	173	72%	47%	21	60	584	67	0	3	14	0	754		
28A-08	712	700	703	leftovers	0	65%	50%	426	47	339	17	6	0	0	3	832		
28A-09	31	600	266	leftovers	104	65%	35%	11	54	273	86	0	0	0	0	430		
29A-01	961	450	450	leftovers	0	62%		212	8	46	8	0	0	3	0	280		
29A-03	133	450	450	leftovers	0	45%		0	28	149	28	0	0	0	0	202		
32A-01	481	400	399	leftovers	0	53%		145	14	48	3	0	0	0	0	210		
32A-08	359	250	253	leftovers	0	47%	51%	94	19	108	23	0	0	0	0	244		
32A-09	49	350	320	leftovers	29	54%	31%	5	24	216	43	0	0	0	0	287		
33A-08	317	100	102	leftovers	0	66%	34%	49	6	16	6	14	0	14	0	109		
33A-18	638	450	450	leftovers	0	60%	47%	262	38	183	21	0	0	0	0	504		
33A-19	17	500	434	leftovers	63	69%	40%	12	70	415	71	0	0	11	6	581		
34A-01	477	300	303	leftovers	0	61%		111	10	49	0	2	0	0	0	186		
34A-03	25	400	391	leftovers	9	48%		14	25	143	20	0	0	0	0	191		

(Continued next page)

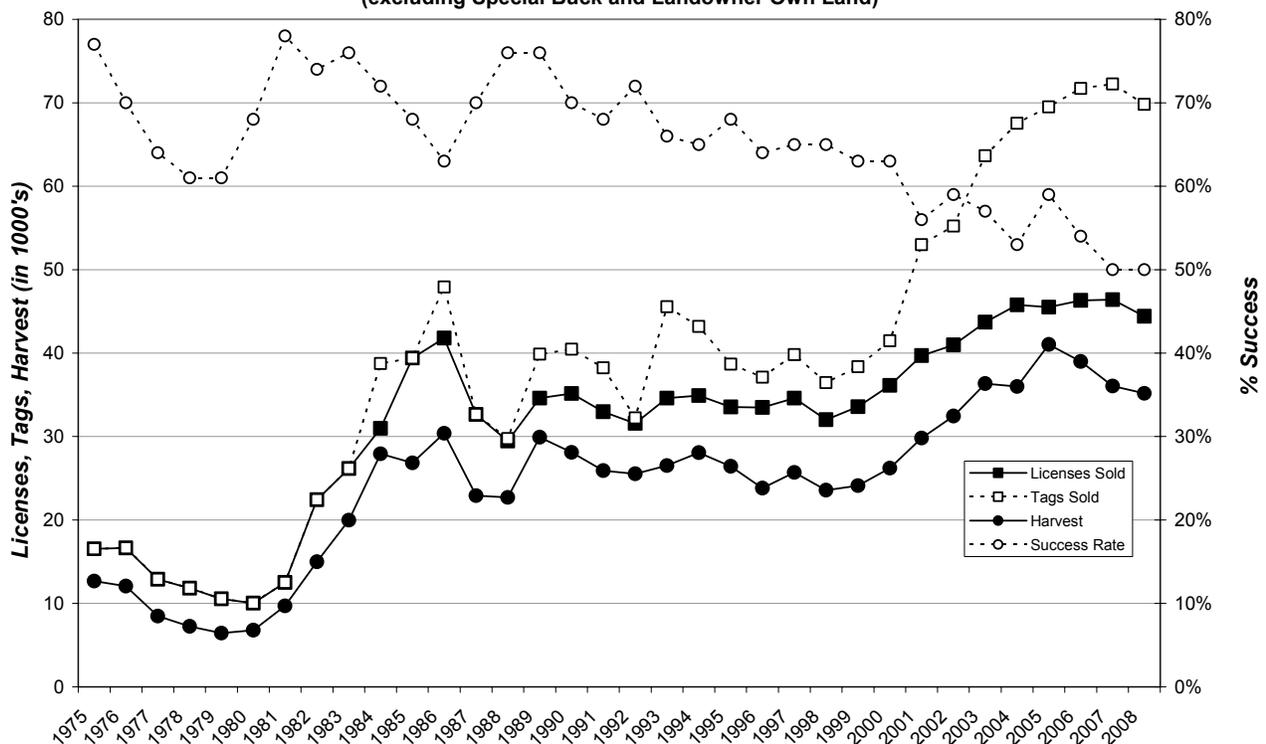
**South Dakota Game Report No 2009-03 - 2008 Big Game Harvest Projections**  
 Corey Huxoll

Unit/Type	Licenses						Harvest Projections										Total Deer
	Resident			Nonresident			Success		Whitetail				Mule Deer				
	Appl. 1st Choice *	Avail.	Sold	Avail.	Sold	1st tag	2nd tag	Bucks		Does		Bucks		Does			
								Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn		
36A-01	146	75	76	leftovers	0	53%		18	2	2	0	20	0	0	0	41	
36A-08	237	100	100	leftovers	0	65%	39%	42	6	32	0	24	2	2	0	107	
36A-09	6	125	123	leftovers	2	63%	39%	3	11	55	9	0	6	32	6	129	
36A-18	66	175	175	leftovers	0	55%	34%	101	5	53	4	2	0	1	0	160	
37A-11	653	250	251	leftovers	0	66%		137	14	28	0	2	0	0	0	167	
37A-13	17	200	191	leftovers	9	42%		5	13	58	4	0	0	0	0	83	
37A-19	45	300	293	leftovers	7	67%	33%	0	24	225	40	0	0	0	0	306	
38A-08	148	50	51	leftovers	0	63%	26%	18	0	6	0	17	0	5	2	48	
38A-18	230	450	441	leftovers	11	63%	37%	272	38	149	22	0	0	0	0	481	
38A-19	3	400	88	leftovers	31	49%	26%	7	10	58	11	0	0	6	0	91	
40A-01	172	50	52	leftovers	0	53%		10	2	4	0	12	0	0	0	28	
40A-13	8	200	102	leftovers	7	45%		0	0	45	2	0	0	0	0	49	
40A-18	389	275	275	leftovers	0	60%	41%	176	13	102	4	0	0	0	0	286	
40A-19	11	200	168	leftovers	22	72%	46%	6	13	186	10	0	0	0	0	223	
42A-01	1,387	900	907	leftovers	0	57%		434	11	79	8	0	0	0	0	513	
42A-03	24	300	285	leftovers	15	48%		0	30	104	5	0	0	0	0	144	
42A-09	93	400	395	leftovers	5	60%	36%	4	43	278	55	0	0	0	0	392	
43A-01	553	200	202	leftovers	0	54%		96	0	13	5	0	0	0	0	109	
43A-03	29	200	200	leftovers	0	42%		0	12	67	4	0	0	0	0	85	
43A-08	379	150	153	leftovers	0	63%	44%	97	16	52	6	0	0	0	0	166	
43A-09	61	250	251	leftovers	0	58%	25%	0	19	143	40	0	0	0	0	209	
44A-01	712	250	255	leftovers	0	45%		100	7	14	0	3	0	0	0	115	
44A-03	19	100	100	leftovers	0	33%		0	7	18	3	0	0	3	0	33	
44A-09	60	100	100	leftovers	0	44%	22%	0	6	50	2	0	0	0	0	66	
46A-01	694	300	304	leftovers	0	57%		144	12	21	2	0	0	2	0	173	
46A-03	30	300	300	leftovers	0	50%		0	12	112	17	0	0	6	0	150	
46A-08	248	150	153	leftovers	0	53%	49%	73	6	70	9	0	0	0	0	156	
46A-09	38	200	200	leftovers	0	62%	33%	0	28	127	24	0	0	6	0	191	
47A-01	308	300	302	leftovers	0	52%		128	6	13	6	5	0	0	0	157	
47A-08	509	400	399	leftovers	0	70%	49%	244	25	177	12	10	0	4	0	475	
47A-09	16	500	314	leftovers	120	65%	40%	13	69	354	75	0	0	14	3	525	
48A-01	418	400	401	leftovers	0	44%		127	9	36	6	0	0	0	0	177	
48A-08	596	400	402	leftovers	0	46%	42%	159	33	130	36	0	0	0	0	359	
48A-09	20	400	304	leftovers	95	62%	30%	7	22	279	67	0	0	0	0	381	
51A-01	394	250	250	leftovers	0	59%		135	0	19	0	0	0	0	0	147	
51A-03	15	300	226	leftovers	15	41%		0	10	73	14	0	0	0	0	100	
51A-08	333	225	225	leftovers	0	59%	31%	140	11	68	6	0	0	0	0	220	
51A-09	29	400	321	leftovers	20	65%	34%	4	30	303	35	0	0	0	0	382	
52A-01	528	400	401	leftovers	0	50%		170	4	30	2	0	0	0	0	202	
52A-03	24	100	100	leftovers	0	47%		0	5	37	3	0	0	0	0	47	
52A-08	227	100	100	leftovers	0	51%	47%	49	4	39	4	0	0	2	0	98	
52A-09	31	100	102	leftovers	0	65%	40%	3	7	73	15	0	0	7	0	110	
54A-08	420	150	151	leftovers	0	73%	40%	72	8	35	15	35	2	14	0	184	
54A-09	8	200	159	leftovers	35	58%	38%	4	31	108	6	0	3	26	6	191	
54A-18	309	450	450	leftovers	0	51%	40%	216	26	164	37	2	0	0	2	435	
54A-19	6	250	54	leftovers	7	71%	36%	9	4	51	0	0	0	0	0	65	
55A-01	1,059	500	500	leftovers	0	59%		197	15	85	2	0	0	0	0	296	
55A-03	79	500	500	leftovers	0	63%		0	35	240	32	0	0	3	0	316	
56A-01	426	250	250	leftovers	0	57%		128	0	3	3	0	0	0	0	143	
56A-03	7	200	167	leftovers	6	52%		0	19	68	0	0	0	4	0	89	
56A-08	192	100	100	leftovers	0	78%	58%	62	10	59	8	0	0	0	0	142	
56A-09	23	350	303	leftovers	26	60%	22%	0	35	260	26	0	0	6	5	323	
57A-01	347	300	299	leftovers	0	61%		154	9	14	5	0	0	0	0	184	
57A-08	1,008	1,000	1,003	leftovers	0	57%	48%	514	31	513	37	0	0	0	0	1,096	
57A-09	32	900	433	leftovers	89	48%	28%	0	34	322	36	0	0	8	0	396	
59A-08	488	150	156	leftovers	0	65%	27%	42	2	19	0	64	2	18	4	149	
59A-09	9	250	160	leftovers	24	49%	24%	0	10	38	3	0	19	52	12	142	
59A-18	46	200	200	leftovers	0	56%	24%	111	9	44	10	0	0	0	0	166	
59B-01	51	50	50	leftovers	0	58%		28	0	2	0	0	0	0	0	29	
59B-08	178	300	284	leftovers	16	53%	41%	153	26	90	19	1	0	2	0	288	
59B-09	1	200	53	leftovers	8	46%	23%	5	4	18	0	3	0	5	0	40	
61A-01	647	250	255	leftovers	0	48%		113	0	20	0	3	0	0	0	123	
61A-03	20	300	267	leftovers	3	33%		0	10	59	16	0	0	0	0	90	
61A-09	38	450	431	leftovers	11	49%	20%	8	52	228	32	0	0	0	0	331	
62A-01	683	350	352	leftovers	0	53%		164	5	13	0	0	0	0	0	186	
62A-03	20	300	296	leftovers	4	45%		0	26	104	5	0	0	0	0	134	
62A-09	51	150	149	leftovers	0	70%	38%	0	31	121	16	0	0	0	0	166	
63A-08	349	50	50	leftovers	0	72%	39%	14	0	14	3	18	0	3	0	56	
63A-09	9	100	67	leftovers	33	78%	42%	0	8	55	12	2	0	29	17	119	
63A-18	173	400	400	leftovers	0	65%	40%	259	21	125	23	0	0	2	0	428	
63A-19	1	300	76	leftovers	35	69%	38%	7	21	76	14	0	0	0	0	120	
<b>Totals</b>	<b>40,049</b>	<b>46,830</b>	<b>42,739</b>	<b>leftovers</b>	<b>1,672</b>	<b>1st tag</b>	<b>2nd tag</b>	<b>12,265</b>	<b>2,713</b>	<b>16,736</b>	<b>2,345</b>	<b>445</b>	<b>67</b>	<b>500</b>	<b>92</b>	<b>35,164</b>	
						<b>Any + antls=</b>	<b>42%</b>										
						<b>Antls + antls=</b>	<b>32%</b>										

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

### East River Deer Regular Season 1975-2008

(excluding Special Buck and Landowner Own Land)



## 2008 East River Deer LOL Harvest Projections

Last Revised: 27 April 09

Unit/Type	Licenses		Tags sold	Response Rate	Tag Success	Harvest Projections				Total Deer Harvest	Mean Satisfactn Rating	Average Days Hunted
	Avail.	Sold				Whitetail		Mule Deer				
					Bucks	Does	Bucks	Does				
LO-ST-01	Unitd	1,756	1,756	80%	48%	682	103	60	1	847	4.78	4.52
LO-ST-03	Unitd	2	2	0%								
LO-ST-08	Unitd	2,402	4,804	74%	46%	1,086	1,044	54	49	2,234	4.99	5.12
LO-ST-09	Unitd	8	16	100%	0%	0	0	0	0	0		0.50
<b>Totals</b>		<b>4,168</b>	<b>6,578</b>	<b>76.5%</b>	<b>47%</b>	<b>1,768</b>	<b>1,147</b>	<b>115</b>	<b>50</b>	<b>3,080</b>	<b>4.90</b>	<b>4.85</b>

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

## 2008 East River LOL Harvest Distribution

Last Revised: 27 Apr 09

County	Reported Harvest					Projected Harvest					Projected	%
	Whitetail		Mule Deer		Total	Whitetail		Mule Deer		Total		
	Bucks	Does	Bucks	Does		Bucks	Does	Bucks	Does			
Minnehaha	22	8	0	0	30	31	12	0	0	43	1.4%	
Brown	35	33	1	0	69	50	49	1	0	100	3.3%	
Beadle	50	40	0	0	90	71	59	0	0	130	4.2%	
Codington	16	17	0	0	33	23	25	0	0	48	1.6%	
Brookings	35	25	0	0	60	50	37	0	0	87	2.8%	
Yankton	47	22	0	0	69	67	33	0	0	99	3.2%	
Davison	20	14	3	0	37	28	21	4	0	53	1.7%	
Aurora	55	20	0	0	75	78	30	0	0	108	3.5%	
Bon Homme	30	20	0	0	50	43	30	0	0	72	2.3%	
Brule	28	23	6	9	66	40	34	8	13	95	3.1%	
Buffalo	10	2	1	0	13	14	3	1	0	19	0.6%	
Campbell	21	14	7	11	53	30	21	10	16	76	2.5%	
Charles Mix	91	36	25	4	156	129	53	35	6	223	7.2%	
Clark	26	16	0	0	42	37	24	0	0	61	2.0%	
Clay	9	6	0	0	15	13	9	0	0	22	0.7%	
Day	33	22	0	0	55	47	33	0	0	80	2.6%	
Deuel	5	10	1	1	17	7	15	1	1	25	0.8%	
Douglas	27	13	0	0	40	38	19	0	0	58	1.9%	
Edmunds	20	14	0	0	34	28	21	0	0	49	1.6%	
Faulk	45	31	0	0	76	64	46	0	0	110	3.6%	
Grant	19	19	0	0	38	27	28	0	0	55	1.8%	
Hamlin	12	15	0	0	27	17	22	0	0	39	1.3%	
Hand	72	51	10	6	139	102	76	14	9	200	6.5%	
Hanson	16	10	0	0	26	23	15	0	0	38	1.2%	
Hughes	29	8	8	2	47	41	12	11	3	67	2.2%	
Hutchinson	50	28	1	0	79	71	42	1	0	114	3.7%	
Hyde	20	9	1	0	30	28	13	1	0	43	1.4%	
Jerauld	51	28	5	0	84	73	42	7	0	121	3.9%	
Kingsbury	18	10	0	0	28	26	15	0	0	40	1.3%	
Lake	22	12	0	0	34	31	18	0	0	49	1.6%	
Lincoln	7	6	0	0	13	10	9	0	0	19	0.6%	
McCook	27	16	0	0	43	38	24	0	0	62	2.0%	
McPherson	23	32	0	0	55	33	47	0	0	80	2.6%	
Marshall	5	2	0	0	7	7	3	0	0	10	0.3%	
Miner	29	11	1	0	41	41	16	1	0	59	1.9%	
Moody	10	7	0	0	17	14	10	0	0	25	0.8%	
Potter	19	9	0	0	28	27	13	0	0	40	1.3%	
Roberts	31	24	0	0	55	44	36	0	0	80	2.6%	
Sanborn	41	25	0	0	66	58	37	0	0	95	3.1%	
Spink	49	31	1	0	81	70	46	1	0	117	3.8%	
Sully	9	5	4	1	19	13	7	6	1	27	0.9%	
Turner	23	11	0	0	34	33	16	0	0	49	1.6%	
Union	17	10	0	0	27	24	15	0	0	39	1.3%	
Walworth	20	8	8	1	37	28	12	11	1	53	1.7%	
Unknown	100	79	5	2	186							
<b>TOTALS</b>	<b>1,344</b>	<b>852</b>	<b>88</b>	<b>37</b>	<b>2,321</b>	<b>1,768</b>	<b>1,147</b>	<b>115</b>	<b>50</b>	<b>3,080</b>		

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!

## 2008 East River Special Buck Harvest Projections

Unit/Type	Licenses				Harvest Projections				Total Deer Harvest	Mean Satisfactn Rating	Average Days Hunted
	Resident		Response Rate	Tag Success	Whitetail		Mule Deer				
	Avail.	Sold			Bucks	Does	Bucks	Does			
ER-01	400	401	85%	59%	205	11	19	0	235	4.23	5.72

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

## 2008 East River Special Buck Harvest Distribution

County	Reported Harvest					Projected Harvest					Total Projected	%
	Whitetail		Mule Deer		Total	Whitetail		Mule Deer				
	Bucks	Does	Bucks	Does		Bucks	Does	Bucks	Does			
Minnehaha	8	1	0	0	9	10	1	0	0	11	4.6%	
Brown	9	0	0	0	9	11	0	0	0	11	4.6%	
Beadle	2	0	0	0	2	2	0	0	0	2	1.0%	
Codington	2	1	0	0	3	2	1	0	0	4	1.6%	
Brookings	7	0	0	0	7	8	0	0	0	8	3.6%	
Yankton	9	0	0	0	9	11	0	0	0	11	4.6%	
Davison	2	0	0	0	2	2	0	0	0	2	1.0%	
Aurora	4	1	0	0	5	5	1	0	0	6	2.6%	
Bon Homme	6	0	2	0	8	7	0	2	0	10	4.1%	
Brule	0	0	0	0	0	0	0	0	0	0	0.0%	
Buffalo	0	0	0	0	0	0	0	0	0	0	0.0%	
Campbell	1	0	1	0	2	1	0	1	0	2	1.0%	
Charles Mix	5	1	7	0	13	6	1	8	0	16	6.6%	
Clark	4	0	0	0	4	5	0	0	0	5	2.1%	
Clay	3	0	0	0	3	4	0	0	0	4	1.5%	
Day	9	0	0	0	9	11	0	0	0	11	4.6%	
Deuel	1	1	0	0	2	1	1	0	0	2	1.0%	
Douglas	0	0	0	0	0	0	0	0	0	0	0.0%	
Edmunds	2	0	0	0	2	2	0	0	0	2	1.0%	
Faulk	1	0	0	0	1	1	0	0	0	1	0.5%	
Grant	1	0	0	0	1	1	0	0	0	1	0.5%	
Hamlin	5	0	0	0	5	6	0	0	0	6	2.6%	
Hand	14	0	2	0	16	17	0	2	0	19	8.2%	
Hanson	3	0	0	0	3	4	0	0	0	4	1.5%	
Hughes	4	0	1	0	5	5	0	1	0	6	2.6%	
Hutchinson	6	0	0	0	6	7	0	0	0	7	3.1%	
Hyde	4	0	0	0	4	5	0	0	0	5	2.1%	
Jerauld	3	0	0	0	3	4	0	0	0	4	1.5%	
Kingsbury	3	0	0	0	3	4	0	0	0	4	1.5%	
Lake	3	1	0	0	4	4	1	0	0	5	2.1%	
Lincoln	5	0	0	0	5	6	0	0	0	6	2.6%	
McCook	3	3	0	0	6	4	4	0	0	7	3.1%	
McPherson	5	0	0	0	5	6	0	0	0	6	2.6%	
Marshall	2	0	0	0	2	2	0	0	0	2	1.0%	
Miner	3	0	0	0	3	4	0	0	0	4	1.5%	
Moody	1	0	0	0	1	1	0	0	0	1	0.5%	
Potter	2	0	0	0	2	2	0	0	0	2	1.0%	
Roberts	3	0	0	0	3	4	0	0	0	4	1.5%	
Sanborn	1	0	0	0	1	1	0	0	0	1	0.5%	
Spink	4	0	0	0	4	5	0	0	0	5	2.1%	
Sully	9	0	2	0	11	11	0	2	0	13	5.7%	
Turner	3	0	0	0	3	4	0	0	0	4	1.5%	
Union	6	0	0	0	6	7	0	0	0	7	3.1%	
Walworth	1	0	1	0	2	1	0	1	0	2	1.0%	
Unknown	4	0	0	0	4							
<b>TOTALS</b>	<b>173</b>	<b>9</b>	<b>16</b>	<b>0</b>	<b>198</b>	<b>205</b>	<b>11</b>	<b>19</b>	<b>0</b>	<b>235</b>		

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

## **NATIONAL WILDLIFE REFUGE DEER**

There were a total of 508 licenses issued for the 2008 Wildlife Refuge Deer seasons, which included 399 at Sand Lake (362 residents and 37 nonresidents); 43 at Lacreek (39 residents and 4 nonresidents); and 66 at Waubay (62 residents and 4 nonresidents).

All license-holders for each season were surveyed and response rates for Sand Lake, Lacreek, and Waubay refuges were 82%, 86%, and 74%, respectively. Approximately 33% of responding hunters used the Internet response system.

The seasons had different opening dates at each refuge. The average days hunted were 3.39 at Sand Lake, 2.43 at Lacreek and 2.29 at Waubay.

The reported harvest at the refuges consisted only of white-tailed deer. The projected harvest for Sand Lake was 86 bucks and 112 does, for Lacreek was 11 bucks and 6 does, and for Waubay was 17 bucks and 5 does. The projected success rate for Sand Lake was 25%, for Lacreek was 40%, and for Waubay was 33%.

### Harvest summaries for 2000-2008 National Wildlife Refuge Deer Seasons

#### SAND LAKE NATIONAL WILDLIFE REFUGE

<b>YEAR</b>	<b>LICENSES</b>	<b>BUCKS</b>	<b>DOES</b>	<b>% SUCCESS</b>	<b>AVE DAYS HUNTED</b>
2000	594	130	86	36%	2.04
2001	593	136	68	34%	2.50
2002	594	174	67	41%	2.61
2003	594	169	50	37%	2.60
2004	436	80	92	30%	2.56
2005	420	73	75	28%	2.71
2006	444	92	79	29%	2.81
2007	436	103	83	33%	2.68
2008	399	86	112	25%	3.39

#### LACREEK NATIONAL WILDLIFE REFUGE

<b>YEAR</b>	<b>LICENSES</b>	<b>BUCKS</b>	<b>DOES</b>	<b>% SUCCESS</b>	<b>AVE DAYS HUNTED</b>
2000	44	7	4	25%	2.79
2001	44	11	1	27%	1.86
2002	44	9	4	30%	2.30
2003	44	10	5	34%	2.40
2004	44	16	3	43%	2.83
2005	45	10	8	40%	2.93
2006	38	10	5	39%	2.56
2007	43	16	6	51%	2.78
2008	43	11	6	40%	2.43

#### WAUBAY NATIONAL WILDLIFE REFUGE

<b>YEAR</b>	<b>LICENSES</b>	<b>BUCKS</b>	<b>DOES</b>	<b>% SUCCESS</b>	<b>AVE DAYS HUNTED</b>
2000	71	15	12	38%	2.29
2001	71	14	12	37%	2.30
2002	71	14	9	32%	2.04
2003	71	31	13	62%	1.74
2004	70	26	11	53%	2.32
2005	71	27	8	49%	2.00
2006	71	14	11	35%	2.62
2007	71	19	13	33%	2.07
2008	66	17	5	33%	2.29

## 2008 Sand Lake Refuge Deer Harvest Projections

Unit/Type	Licenses						Response Rate	Unit/Subunit Success	Harvest Projections				Total Deer Harvested	Mean Satisfaction Score	Avg Days Hunted
	Resident			Nonresident					Whitetail		Mule Deer				
	Appl. 1st Choice *	Available	Sold	Appl. 1st Choice *	Available	Sold			Bucks	Does	Bucks	Does			
SL1-08	203	55	55	14	5	5	92%	52%	22	9	0	0	31	4.29	3.13
Same Season 2nd Tag								20%	0	12	0	0	12		
SL1-09	3	40	43	1	4	1	75%	# 30%	1	12	0	0	13	4.06	2.58
Same Season 2nd Tag								11%	0	5	0	0	5		
SL2-08	165	55	55	21	5	5	87%	72%	31	12	0	0	43	4.58	3.23
Same Season 2nd Tag								17%	1	9	0	0	10		
SL2-09	0	40	20	0	4	3	91%	43%	0	10	0	0	10	4.24	3.95
Same Season 2nd Tag								13%	0	3	0	0	3		
SL3-08	36	55	54	7	5	5	81%	# 39%	17	6	0	0	23	4.23	3.17
Same Season 2nd Tag								19%	1	10	0	0	11		
SL3-09	0	40	4	1	4	1	100%	60%	1	2	0	0	3	3.80	2.20
Same Season 2nd Tag								40%	0	2	0	0	2		
SL4-08	45	55	56	1	5	5	74%	# 38%	11	12	0	0	23	3.42	4.84
Same Season 2nd Tag								7%	0	4	0	0	4		
SL4-09	0	40	7	0	4	2	100%	44%	1	3	0	0	4	3.44	4.78
Same Season 2nd Tag								11%	0	1	0	0	1		
SL5-08	66	55	55	5	5	5	75%	# 33%	12	8	0	0	20	4.39	2.95
Same Season 2nd Tag								8%	0	5	0	0	5		
SL5-09	0	40	13	1	4	5	83%	# 39%	0	7	0	0	7	4.00	3.07
Same Season 2nd Tag								11%	0	2	0	0	2		
<b>Licenses</b>	<b>518</b>	<b>475</b>	<b>362</b>	<b>51</b>	<b>45</b>	<b>37</b>	<b>82.2%</b>	<b># 25%</b>	<b>86</b>	<b>112</b>	<b>0</b>	<b>0</b>	<b>198</b>	<b>4.15</b>	<b>3.39</b>
<b>Tags</b>		<b>950</b>	<b>724</b>		<b>90</b>	<b>74</b>									

## 2008 Lacreek Refuge Deer Harvest Projections

Unit/Type	Licenses						Response Rate	Unit/Subunit Success	Harvest Projections				Total Deer Harvested	Mean Satisfaction Score	Avg Days Hunted
	Resident			Nonresident					Whitetail		Mule Deer				
	Appl. 1st Choice *	Available	Sold	Appl. 1st Choice *	Available	Sold			Bucks	Does	Bucks	Does			
LC1-11	59	15	15	7	2	2	76%	# 24%	3	1	0	0	4	4.46	2.92
LC1-13	0	5	4	0	1	0	100%	50%	0	2	0	0	2	4.75	1.50
LC2-11	93	15	15	7	2	2	88%	47%	8	0	0	0	8	5.87	2.40
LC2-13	1	5	5	0	1	0	100%	60%	0	3	0	0	3	5.60	2.00
<b>Licenses</b>	<b>153</b>	<b>40</b>	<b>39</b>	<b>14</b>	<b>6</b>	<b>4</b>	<b>86.0%</b>	<b>40%</b>	<b>11</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>17</b>	<b>5.22</b>	<b>2.43</b>

All units require the use of muzzleloader firearms.

## 2008 Waubay Refuge Deer Harvest Projections

Unit/Type	Licenses						Response Rate	Unit/Subunit Success	Harvest Projections				Total Deer Harvested	Mean Satisfaction Score	Avg Days Hunted
	Resident			Nonresident					Whitetail		Mule Deer				
	Appl. 1st Choice *	Available	Sold	Appl. 1st Choice *	Available	Sold			Bucks	Does	Bucks	Does			
WA1-01	38	20	20	0	2	2	77%	# 27%	6	0	0	0	6	4.29	2.88
WA2-01	12	20	22	0	2	0	77%	# 23%	4	1	0	0	5	3.65	2.12
WA3-01	31	20	20	5	2	2	68%	# 50%	7	4	0	0	11	3.33	1.80
<b>Licenses</b>	<b>81</b>	<b>60</b>	<b>62</b>	<b>5</b>	<b>6</b>	<b>4</b>	<b>74.2%</b>	<b># 33%</b>	<b>17</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>22</b>	<b>3.78</b>	<b>2.29</b>

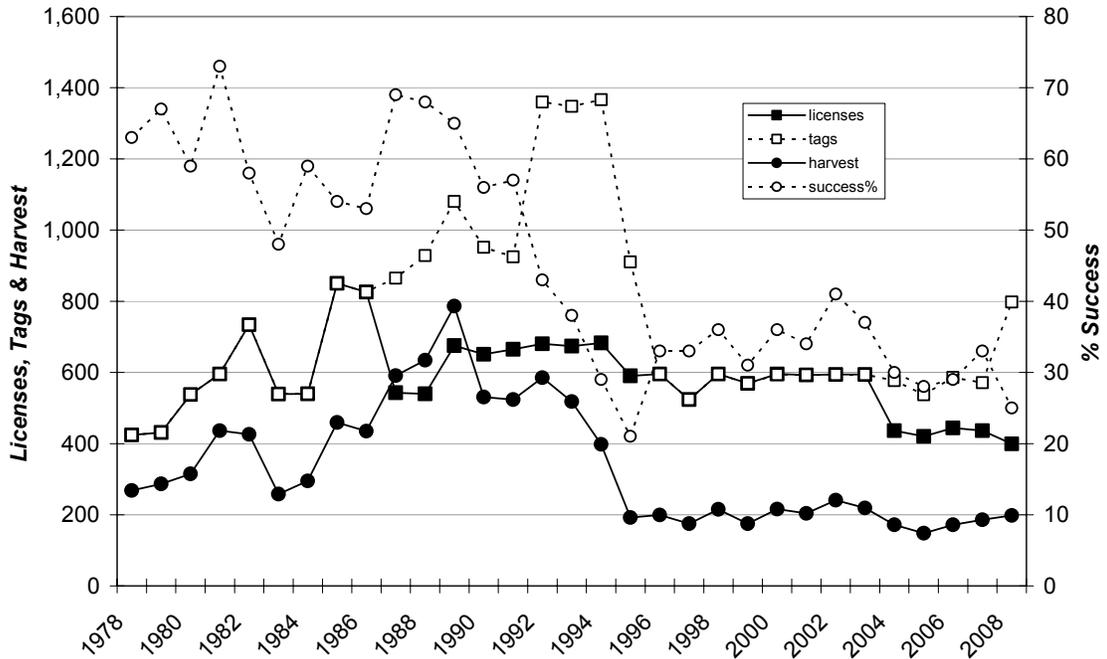
Response rate for all units combined was:

**81.5%**

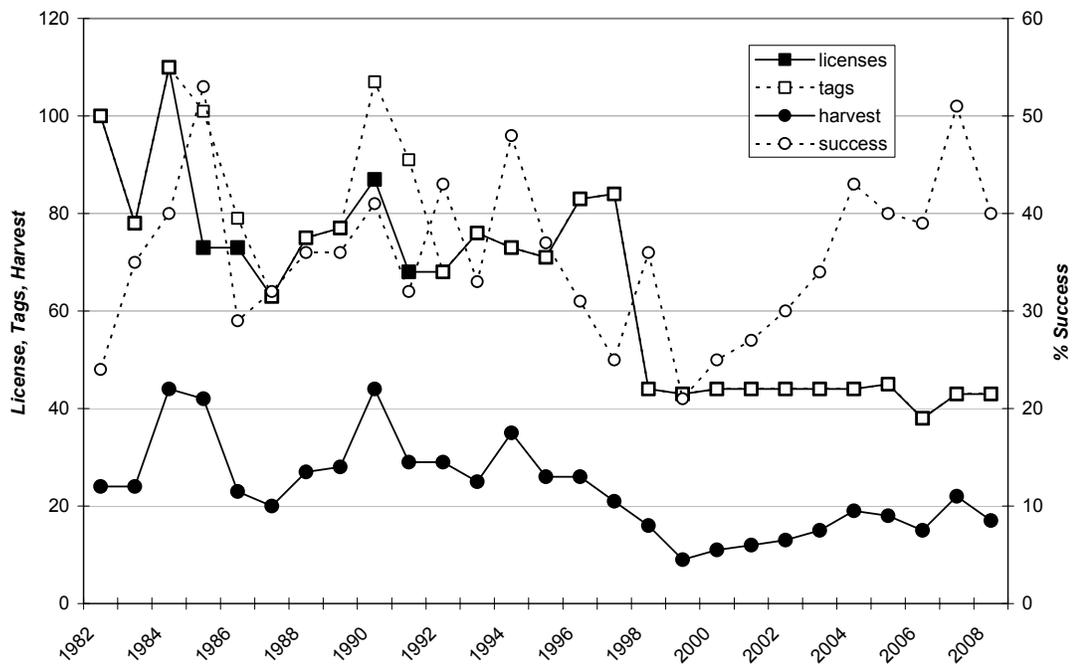
# Units with less than 85% response rate and may not be within accepted tolerance for data accuracy.

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

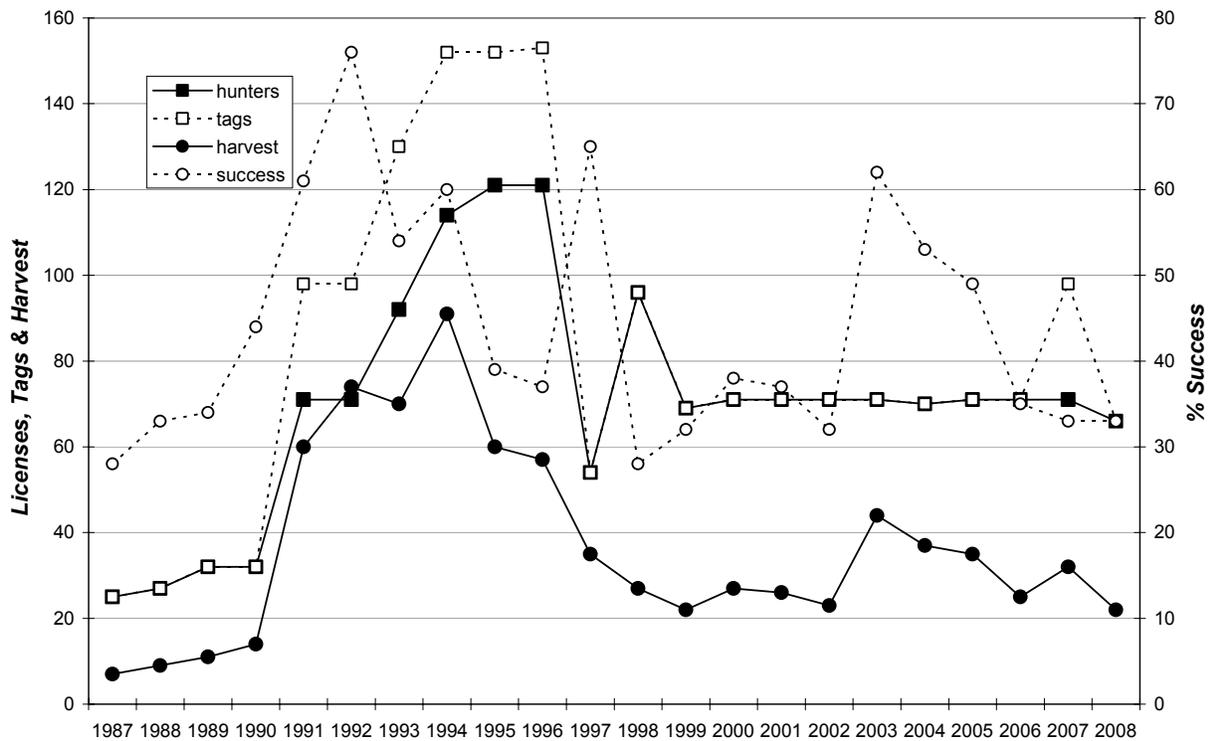
### Sand Lake National Wildlife Refuge 1978-2008



### Lacreek National Wildlife Refuge 1982-2008



### Waubay National Wildlife Refuge 1987-2008



## **BLACK HILLS DEER**

There were 9,173 single tag licenses issued for the 2008 Black Hills Deer season (8,451 resident, 722 nonresident).

A random sample of 3,263 hunters was taken (36% of license holders) and there were 2,789 responses for an 85% return rate. The Internet response system was not an option for hunters to use to submit their responses for this season in 2008.

The season ran the usual month of November, a total of 30 days. The special antlerless season again ran the entire month of November, an increase from the 10-day season in 2004. Those responding reported hunting an average of 4.08 days, which projected to 35,668 recreation days for the season. Of those responding, 12.7% stated they did not hunt at all during the season.

The mean satisfaction score for all combined units was 5.11. The satisfaction scale ranged from 1 = "very dissatisfied" to 7 = "very satisfied".

The harvest projection for the Black Hills Deer season was 4,638 deer (2,332 adult whitetail bucks, 288 fawn whitetail bucks, 1,652 adult whitetail does, 172 fawn whitetail does, 135 adult mule deer bucks, 3 fawn mule deer bucks, 56 adult mule deer does and zero fawn mule deer does). The overall season harvest success rate was 51%, down considerably from 60% in 2007.

Including the estimated Black Hills harvest from the Archery, Youth and Muzzleloader seasons, approximately 7,575 deer were harvested in the Black Hills proper.

Harvest summaries for the 2000-2008 Black Hills Deer seasons.

YEAR	Licenses Sold		Harvest					Success	Avg Days Hunted	Avg Satis
	Resident	Nonres	Bucks		Does		Total			
			WT	Mule	WT	Mule				
2000	7,350	571	2,603	500	782	84	3,969	50%	3.89	5.23
2001	6,211	496	2,419	859	313	71	3,662	55%	4.14	5.20
2002	5,980	474	2,365	618	346	40	3,369	52%	4.59	5.25
2003	5,965	473	2,427	694	402	53	3,576	56%	4.01	5.42
2004	6,810	536	2,802	783	946	58	4,589	62%	4.14	5.46
2005	7,217	597	2,219	696	1,324	8	4,247	54%	4.12	5.50
2006	8,250	689	2,746	722	1,770	167	5,405	60%	4.22	5.37
2007	8,240	709	3,172	133	1,988	104	5,397	60%	4.45	5.27
2008	8,451	722	2,620	138	1,824	56	4,638	51%	4.08	5.11

### 2008 Black Hills Deer Harvest Projections

Last Revised: 13 March 09

Unit/Type	Licenses							Harvest Projections										Total Deer Harvested	Mean Satisfctn Score	Avg Days Hunted
	Resident			Nonresident				Resp.	Success	Whitetail				Mule Deer						
	Appl. 1st Choice *	Avail.	Sold	Appl. 1st Choice *	Avail.	Sold	Bucks			Does	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult			
BH1-01	5,520	500	540	470	40	45	92%	57%	155	7	33	7	120	0	0	0	0	322	5.11	4.56
BH1-11	6,850	5,000	5,000	782	400	402	86%	52%	2,162	68	424	39	10	0	3	0	0	2,706	5.17	4.55
BD1-03	72	400	400	18	32	32	84% #	50%	0	10	165	0	0	0	39	0	0	214	5.10	2.59
BD1-13	20	800	787	9	64	77	80% #	41%	3	43	257	37	6	0	6	0	0	352	4.43	3.45
BD2-13	128	500	500	38	40	40	83% #	54%	3	37	214	34	0	0	0	0	0	288	5.18	2.70
BD3-13	92	500	500	16	40	40	82% #	59%	7	51	239	20	0	3	0	0	0	320	5.43	3.23
BD4-13	50	750	724	22	60	86	86%	54%	3	72	320	34	0	0	9	0	0	438	5.13	3.43
	<b>12,732</b>	<b>8,450</b>	<b>8,451</b>	<b>1,355</b>	<b>676</b>	<b>722</b>	<b>85.5%</b>	<b>51%</b>	<b>2,332</b>	<b>288</b>	<b>1,652</b>	<b>172</b>	<b>135</b>	<b>3</b>	<b>56</b>	<b>0</b>	<b>0</b>	<b>4,638</b>	<b>5.11</b>	<b>4.08</b>

The response rate for all units combined is: **85.5%**

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

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

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

## 2008 Black Hills Deer Harvest Projections

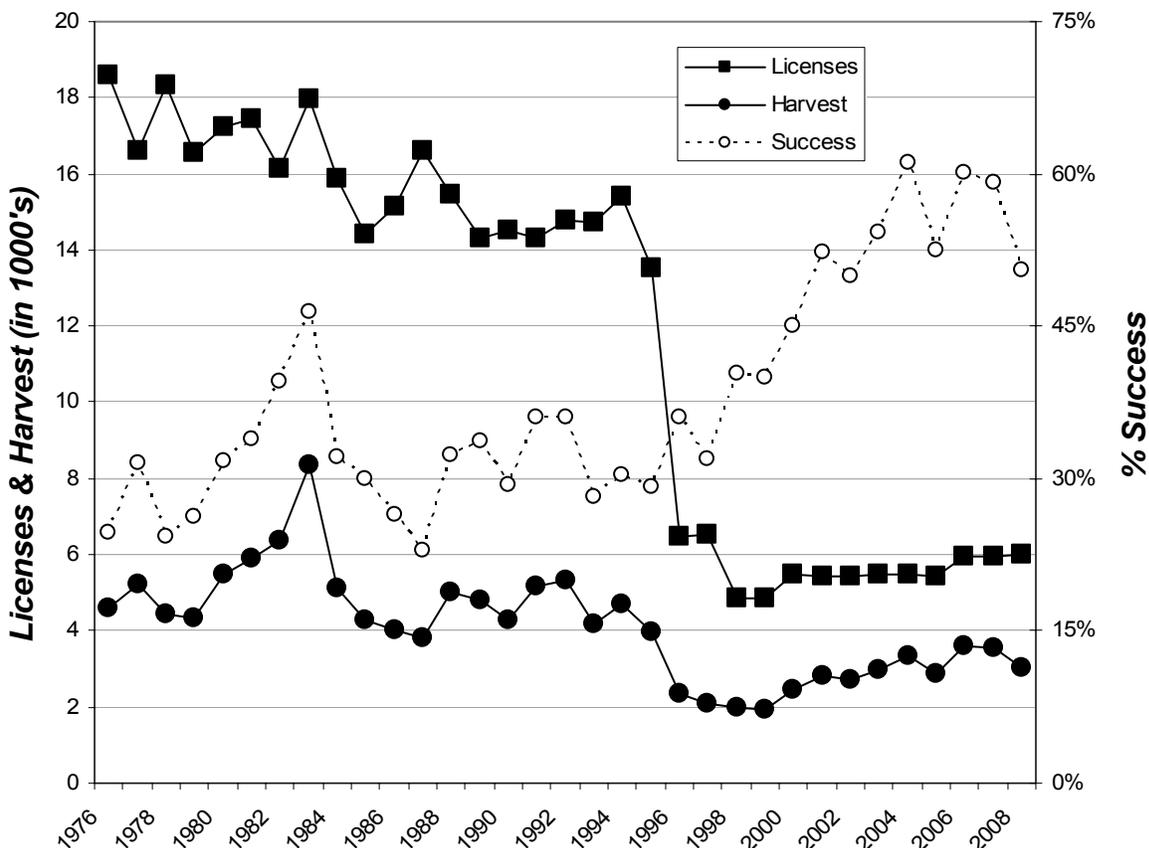
Last Revised: 13 March 09

Unit/Type	Licenses							Harvest Projections								Total Deer Harvested	Mean Satisfctn Score	Avg Days Hunted
	Resident		Nonresident		Hunters	Resp.	Success	Whitetail		Mule Deer		Adult	Fawn	Adult	Fawn			
	Avail.	Sold	Avail.	Sold				Bucks	Does	Bucks	Does							
Black Hills	8,450	8,451	676	722	8,742	85%	51%	2,332	288	1,652	172	135	3	56	0	4,638	5.11	4.08

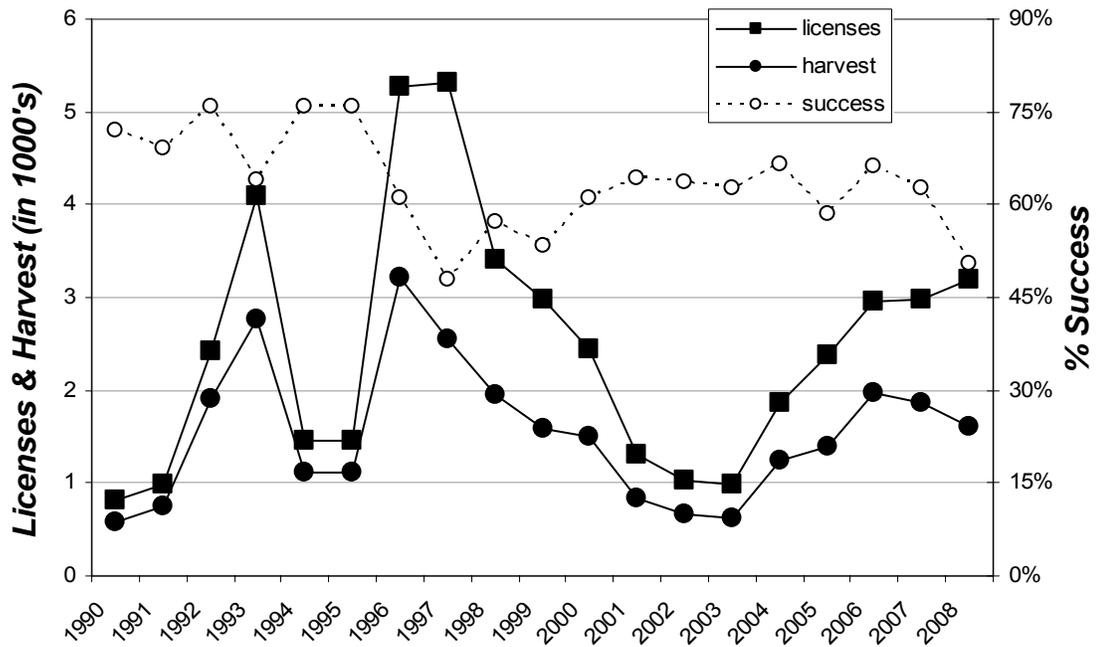
Satisfaction scale of 1=very dissatisfied to 7=very satisfied.

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

### Black Hills Buck/Any Deer 1976-2008



### Black Hills Antlerless Deer 1990-2008



## **MOUNTAIN GOAT**

There was no season for Mountain Goats in the Black Hills for 2008.

Comparison of the 1997-2008 Black Hills Mountain Goat seasons.

<b>Year</b>	<b>Apps/License</b>	<b>Billies Harvested</b>	<b>Nannies Harvested</b>	<b>Success</b>	<b>Avg. Days Hunted</b>
1997	1,600/4	3	1	100%	3.5
1998	1,776/4	4	0	100%	3.5
1999	1,867/4	4	0	100%	4.25
2000	1,873/4	3	0	75%	2.25
2001	1,919/4	2	2	100%	1.5
2002	1,955/3	2	1	100%	1.7
2003	2,046/3	1	2	100%	5.7
2004	2,189/3	1	2	100%	6.3
2005	2,591/2	0	2	100%	2.5
2006	2,678/2	0	1	50%	5.5
2007	No Season				
2008	No Season				

## **BIGHORN SHEEP**

This was the sixth year bighorn sheep licenses were made available outside Custer State Park. The 2008 season was open from October 4 through November 30. In addition to the traditional unit in Pennington County west of SD Highway 79, an additional unit 2 was created in Custer County west of Highway 79 with one license available. There were 3,533 applicants for the five any-bighorn licenses (3,011 for unit 1 and 521 for unit 2). All hunters were surveyed and all were successful at harvesting a ram. They reported hunting 24 total days, an average of 4.8 days per hunter.

Comparison of the 2000-2008 Black Hills Bighorn Sheep seasons

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

# **MOUNTAIN LION**

There was no season for mountain lions in 2008. The 2009 season opened on January 1, 2009.

## Harvest summaries for 2007-2008 Statewide Mountain Lion seasons

<b>YEAR</b>	<b>Licenses Sold</b>	<b>Actual Harvest</b>		<b>Success</b>	<b>Active Hunters</b>	<b>Average Satisfaction</b>
		<b>Males</b>	<b>Females</b>			
2007	4,070	3	16	0.47%	2,401	5.08
2008	No Season					

## Harvest summaries for 2005-2006 Black Hills Mountain Lion seasons

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

## Harvest summaries for 2005-2006 Prairie Mountain Lion seasons

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

# CUSTER STATE PARK

## CSP DEER

For the white-tail doe season we received 35 report cards and 9 of the 35 hunters did not hunt; however, for the 26 hunters that hunted 22 killed antlerless deer (85%). Additionally, this year we added a white-tailed doe license on to the any white-tail license tag holders and there were 4 of 8 hunters (50%) who also harvested antlerless white-tails. Therefore, there were a total of 41 antlerless deer (33 does, 2 buck fawns, 5 doe fawns, and 1 yearling spike buck) harvested during the any white-tail and antlerless seasons. Unfortunately, during the antlerless season, some hunters were not success ( $n = 4$ , 18%), and some only harvested one antlerless deer ( $n = 7$ , 32%). Overall, the antlerless deer harvest was better than expected. For the any deer seasons both mature mule deer and white-tailed bucks were killed.

Summary comparison of the 2000-2008 seasons.

Year	Apps/Licenses	WT Harvest	MD Harvest	Success	Avg. Days Hunted
2000	565/4	2 bucks	1 bucks	75%	5.25
2001	606/4	2 bucks	2 bucks	100%	5.0
2002	651/6	4 bucks	2 bucks	100%	5.67
2003	708/42	11 bucks, 18 does	1 buck	100%	2.1
2004	757/52	9 bucks, 20 does	2 bucks	60%	1.1
2005	876/50	12 bucks, 17 does	2 bucks, 1 doe	64%	1.6
2006	1,016/37	9 bucks, 32 does	2 bucks	97%	2.68
2007	1,203/37	9 bucks, 31 does	2 bucks	95%	2.8
2008	1,088/47	8 bucks, 38 does	2 bucks	86%	3.0

## CSP SPRING TURKEY

We collected information from 106 report cards. We had 19 hunters (18%) which did not hunt and indicated a high non-participation rate. Therefore, only 82% ( $n = 87$ ) of hunters that received a license visited the Park to hunt spring turkeys. Of the hunters that participated, we had a harvest success rate of 86% (75 of 87). Most hunters used shotguns (92%), followed by combination shotgun/bow hunters (4%), and bow hunters (4%). The majority of birds harvested were mature gobblers (2+ years of age) at 95%, with a break down of ages including juveniles at 5%, 2-year olds at 45%, 3-year olds at 24%, 4-year olds at 10%, and 5+-year olds at 16%. Most comments indicated an excellent hunt and hunters enjoyed the experience. One hunter commented this was the best spring turkey hunt provided in North America.

Summary comparison of the 2000-2008 seasons.

Year	Apps/Licenses	Harvest	Success	Avg. Days Hunted
2000	449/100	34	34%*	3.17
2001	451/100	34	34%*	3.10
2002	520/100	37	37%*	2.77
2003	540/100	47	47%*	2.57
2004	636/100	52	52%*	1.98
2005	663/100	47	47%*	1.73
2006	683/100	47	84%	2.20
2007	737/125	71	77%	2.50
2008	741/135	75	86%	1.80

\*Harvest and success for CSP Spring Turkey were estimated assuming all nonrespondents were unsuccessful. The 2006-08 estimates were based on the sample reporting.

## CSP BIGHORN SHEEP

Population surveys indicated a low population of approximately 35 bighorns in Custer State Park. Surveys indicate one lamb survived through February, 2008. We continue to monitor the population for disease and are testing adult females and males for *Mycoplasma ovipneumonia*. We hope to supplement the herd in the near future.

Summary comparison of the 2000-2008 seasons.

Year	Apps/Licenses	Harvest	Success	Avg. Days Hunted
2000	2,364/4	4 rams	100%	2.25
2001	2,466/3	3 rams	100%	1.66
2002	2,424/2	2 rams	100%	2.50
2003	2,506/2	2 rams	100%	1.50
2004	2,725/3	3 rams	100%	4.00
2005	No Season			
2006	No Season			
2007	No Season			
2008	No Season			

## CSP ARCHERY ELK

There were 58 archery elk licenses issued in 2008 (8 early season and 50 late season). There were 3084 (+785 pref only) applicants for the early season licenses and 2007 (+525 pref only) for the late. The average days hunted was 13 days and 7.9 days for the early and late seasons, respectively. A total of 442 recreation days were reported for both seasons. The harvest was 8 bulls for an overall success rate of 16%.

The 2008 season statistics were:

Unit	Licenses Available	Licenses Sold	Response		Projected Harvest		
			Rate	Success	Bulls	Cows	Total
CU1-21	8	8	100%	25%	2	0	2
CU1-21	50	50	100%	14%	6	0	6
Total	58	58	100%	16%	8	0	8

Summary comparison of the 2000-2008 seasons:

Year	Applications	Licenses	Bull Harvest	Cow Harvest	Success	Avg. Days Hunted
2000	1,859	58	12	5	29%	7.36
2001	2,289	58	10	4	24%	8.63
2002	2,745	58	5	3	14%	9.69
2003	2,778	58	14	3	29%	7.76
2004	3,324	55	7	0	13%	9.12
2005	3,964	57	6	3	16%	8.63
2006	4,523	56	13	0	27%	7.81
2007	4,869	58	3	1	8%	9.30
2008	5,091	58	8	0	16%	8.74

## **CSP FIREARM ELK**

There were 76 licenses available for the firearm elk seasons (35 regular season, 1 regular tag sold through the Rocky Mountain Elk Foundation by raffle, and 40 antlerless). There were 10,998 (+1574 preference only) applications for the regular season and 3,655 (+728 pref only) for the antlerless season (2<sup>nd</sup> season only). The average days hunted for the regular season was 3.9 days and 2.8 days for the second antlerless season. There were a combined 37 bulls and 21 cows harvested in all seasons. The overall success rate was 77%.

The 2008 statistics were:

<b>Unit</b>	<b>Licenses Available</b>	<b>Licenses Sold</b>	<b>Response Rate</b>	<b>Success</b>	<b>Harvest</b>		
					<b>Bulls</b>	<b>Cows</b>	<b>Total</b>
CU1-21	36	36	100%	97%	35	0	35
CU1-23	0	0	NA	NA	0	0	0
CU2-23	40	40	100%	59%	2	21	23
CU3-23	0	0	NA	NA	0	0	0
<b>Total</b>	<b>76</b>	<b>76</b>	<b>100%</b>	<b>77%</b>	<b>37</b>	<b>21</b>	<b>58</b>

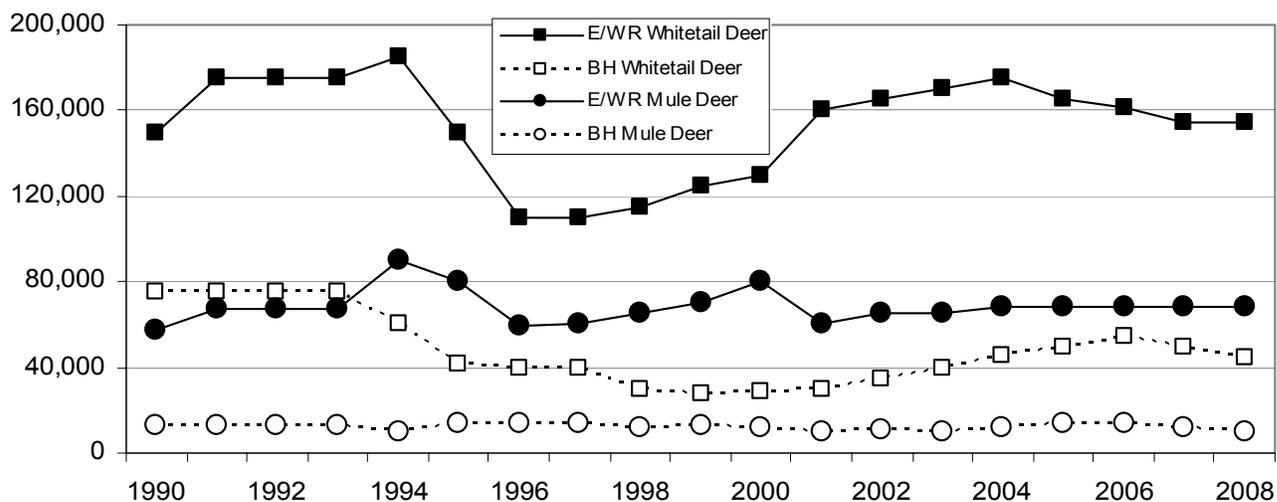
Summary comparison of the 2000-2008 seasons:

<b>Year</b>	<b>Apps/Licenses</b>	<b>Bull Harvest</b>	<b>Cow Harvest</b>	<b>Success</b>	<b>Avg. Days Hunted</b>
2000	10,444/140	39	81	86%	2.75
2001	11,081/140	36	79	82%	3.01
2002	11,679/140	39	91	93%	3.57
2003	12,431/170	39	97	80%	2.91
2004	13,196/188	44	126	90%	2.27
2005	15,021/166	43	86	78%	3.21
2006	14,323/167	41	91	79%	3.11
2007	15,148/101	38	31	68%	3.70
2008	14,653/76	37	21	77%	3.33

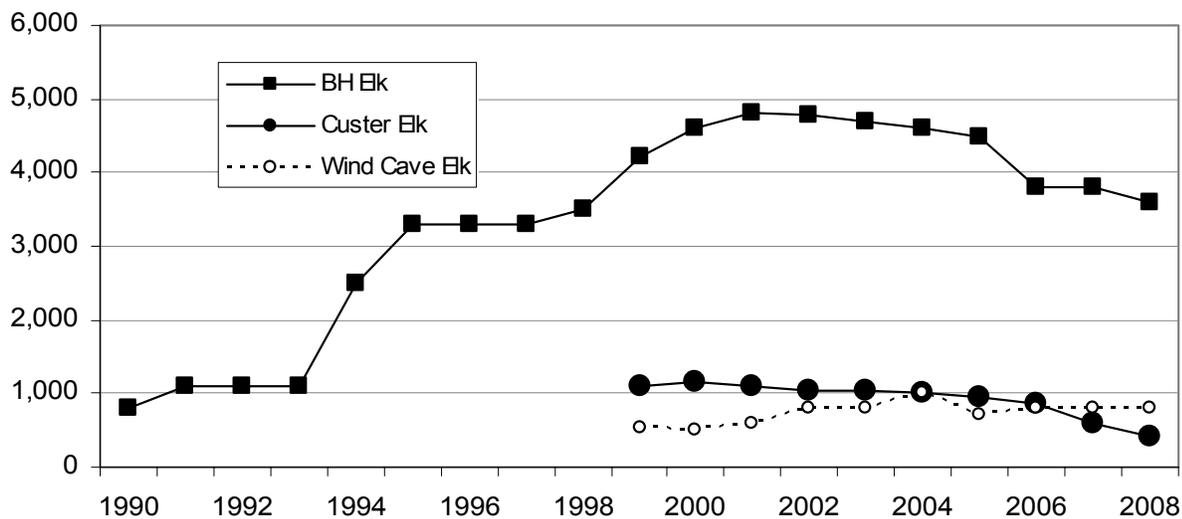
# 2008 WORKING POPULATION ESTIMATES

Source	Species	Geographic Area	2008 estimate
<b>Elk</b>			
Ted Benzon		Black Hills Proper	3,600
		Wind Cave National Park	800
Chad Lehman		Custer State Park	408
<b>White-tailed Deer</b>			
Ted Benzon		East River & West River Prairie	154,000
		Black Hills Proper	45,000
<b>Mule Deer</b>			
Ted Benzon		East River & West River Prairie	68,000
		Black Hills Proper	10,000
<b>Turkey</b>			
Ted Benzon		East River	23,000
		West River Prairie	45,000
		Black Hills Proper	35,000
<b>Pronghorn</b>			
Ted Benzon			80,000
<b>Bighorn</b>			
Ted Benzon		Badlands Nat'l Park	120
		Black Hills Proper	350
Chad Lehman		Custer State Park	35
<b>Mountain Goat</b>			
Ted Benzon			80

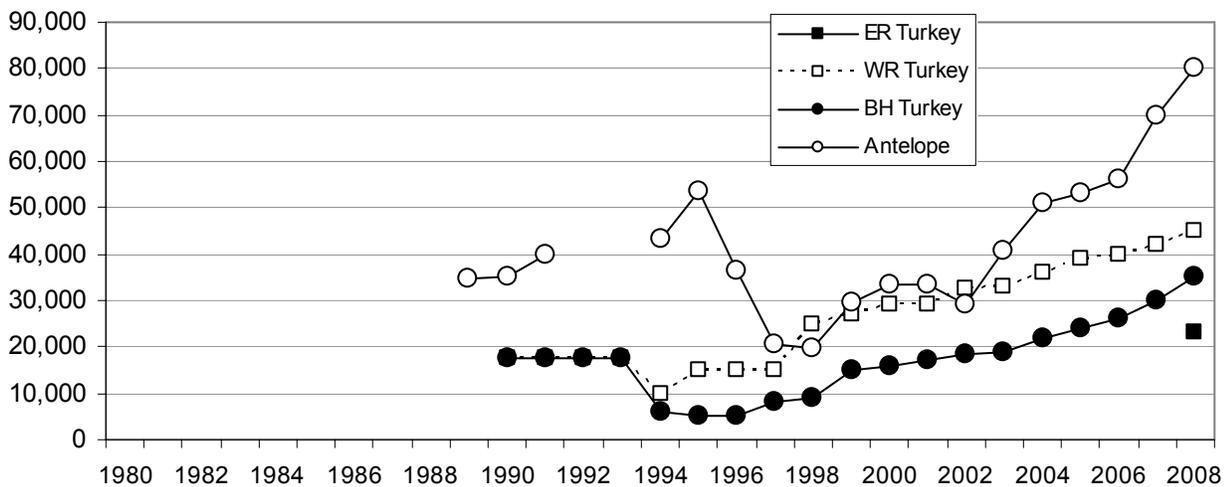
1990-2008 South Dakota Deer Population Estimates



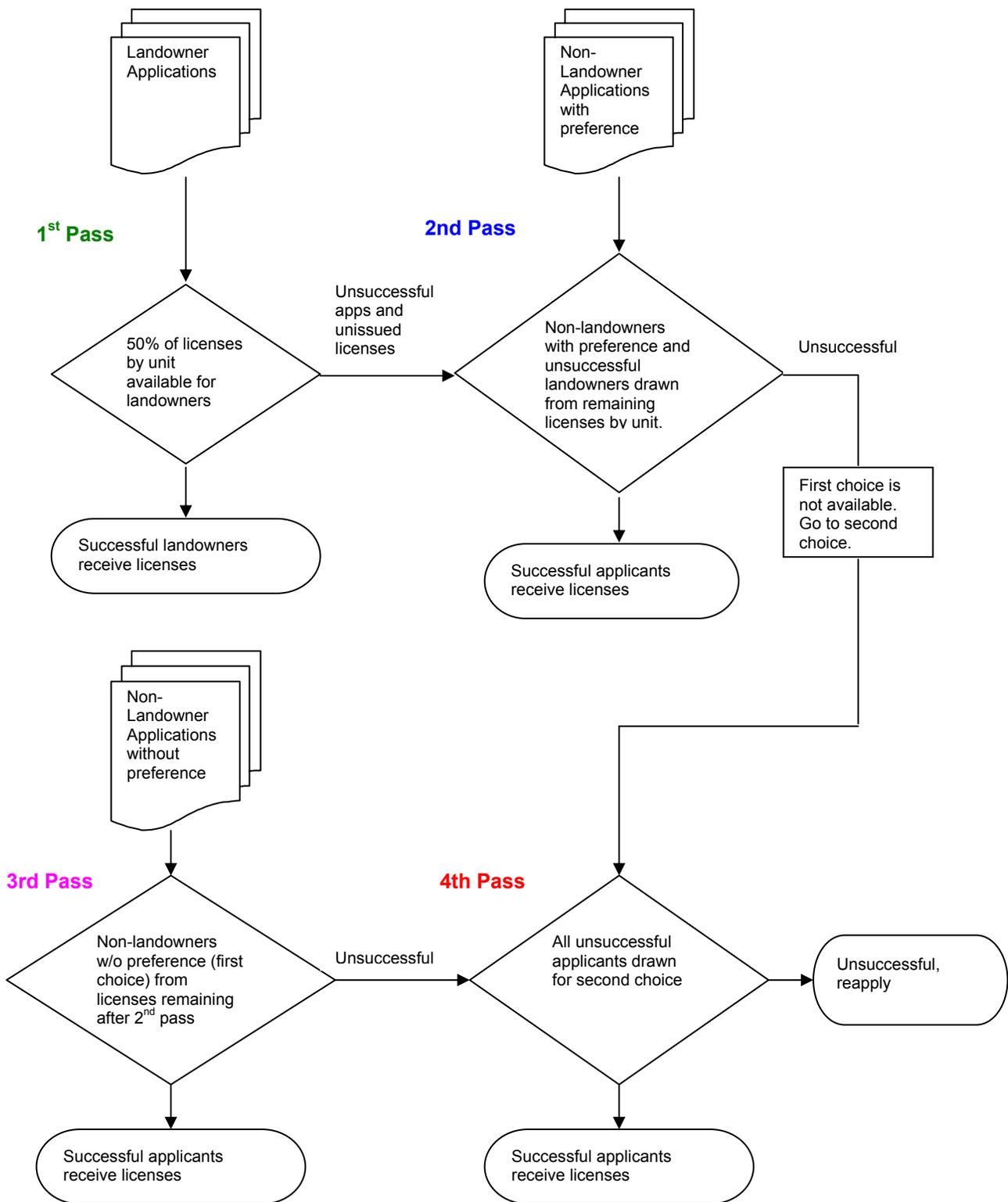
### 1990-2008 South Dakota Elk Population Estimates



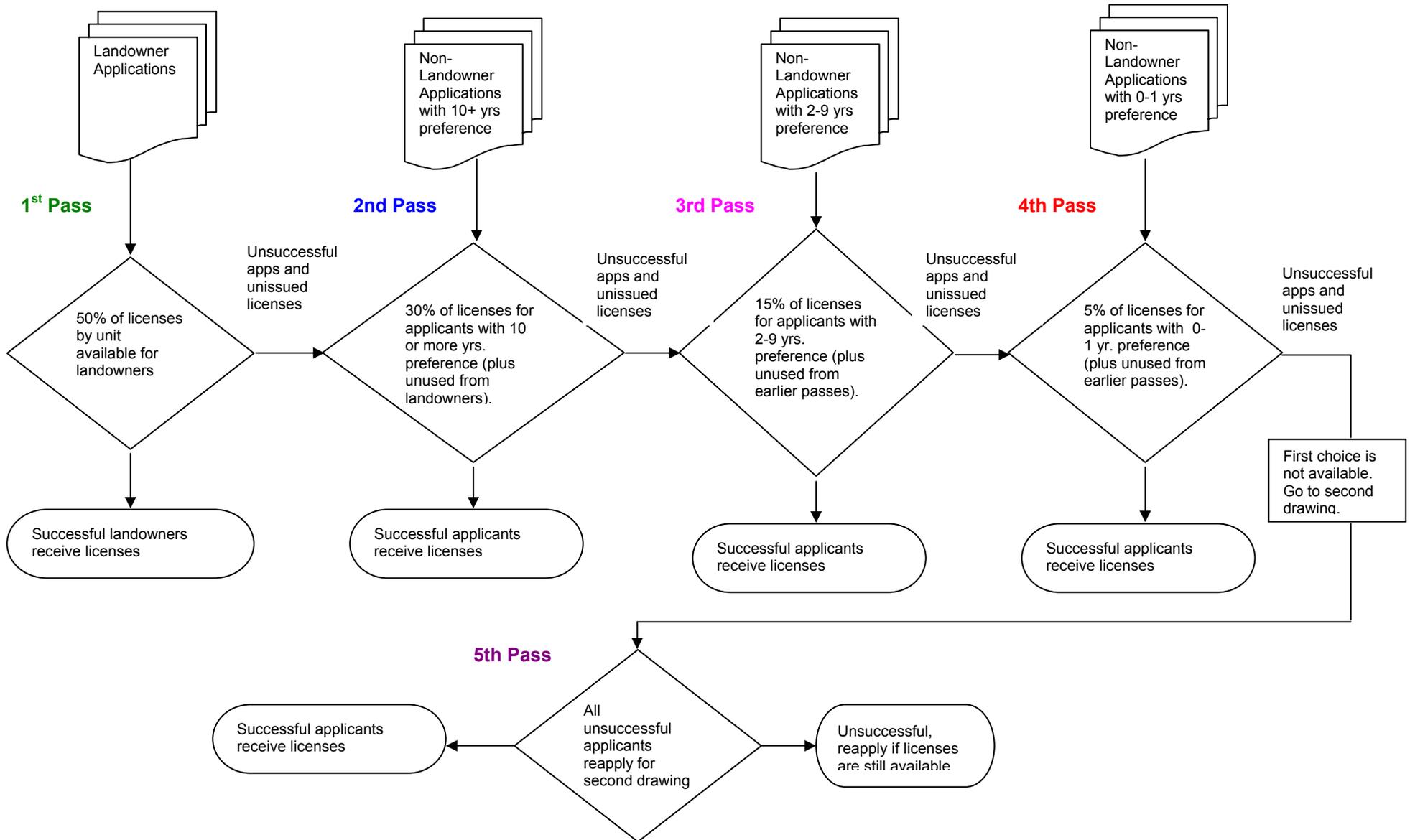
### 1989-2008 South Dakota Turkey & Antelope Population Estimates



## Big Game Drawing Process (excluding Elk)



### Big Game Drawing Process for Elk (except CSP)



## Big Game Drawing Process for Custer State Park Elk

