

ARCHERY ELK

A total of 185 resident licenses were issued for the 2009 Archery Elk season. All license holders were sent a survey at the end of the season and 172 responded for a 94.5% response rate (3 were undeliverable). Approximately 27% of responding hunters used the Internet response system.

Respondents reported hunting an average of 10.29 days for a total of 1,904 days of recreation. The projected harvest was 52 bulls and 9 cows for an overall success rate of 33%.

Hunter satisfaction was based on a numerical scale from 1 (very dissatisfied) to 7 (very satisfied) and averaged 5.52 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 1999-2009 Archery Elk seasons

YEAR	Licenses		Harvest			Success	Avg. Days Hunted	Average Satisfaction
	Sold		Bulls	Cows	Total			
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
2009	185		52	9	61	33%	10.29	5.52

2009 Archery Elk Harvest Projections

Last Revised: 15 Apr 2010

Unit/Type	Resident Licenses					Harvest Projections						Avg Satisfctn Score	Avg Days Hunted	Land Hunted Most		
	Appl. 1st Choice *	Avail.	Sold	Resp.	Success	Bull	Cow	Total Elk	Elk Shot Not Recovered	Harvested	Bulls			Cows	Calves	Public
H1A-21	604	25	25	96%	50%	13	0	0	0	13	2	5.4	10.2	25	0	0
H1A-23	5	30	30	97%	14%	1	1	0	2	4	4	5.8	8.3	27	0	0
H2A-21	2,637	50	50	96%	44%	20	0	2	0	22	10	6.0	12.0	49	0	1
H2A-23	6	25	25	88%	24%	0	4	2	0	6	4	6.1	10.3	25	0	0
H3A-21	368	20	20	100%	55%	11	0	0	0	11	1	5.2	9.9	19	1	0
H3A-23	2	10	10	100%	22%	0	2	0	0	2	0	5.6	6.9	6	1	1
H4A-21	12	5	5	100%	0%	0	0	0	0	0	0	4.8	6.5	4	0	1
H5A-21	30	5	5	100%	20%	1	0	0	0	1	1	2.8	17.4	5	0	0
H7A-21	126	5	5	100%	40%	2	0	0	0	2	0	3.6	8.2	4	0	1
H9A-21	4	2	2	100%	0%	0	0	0	0	0	0	3.0	17.5	1	0	1
H9A-23	1	2	2	100%	0%	0	0	0	0	0	0	3.0	12.5	1	0	0
30A-21	28	2	2	100%	0%	0	0	0	0	0	0	5.0	8.5	0	0	2
30A-23	3	4	4	25% #	0%	0	0	0	0	0	0		0.0	0	0	0
TOTAL	3,826	185	185	94.5%	33.2%	48	7	4	2	61	22	5.52	10.29	168	2	8

The response rate for all units combined is: 94.5%

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.

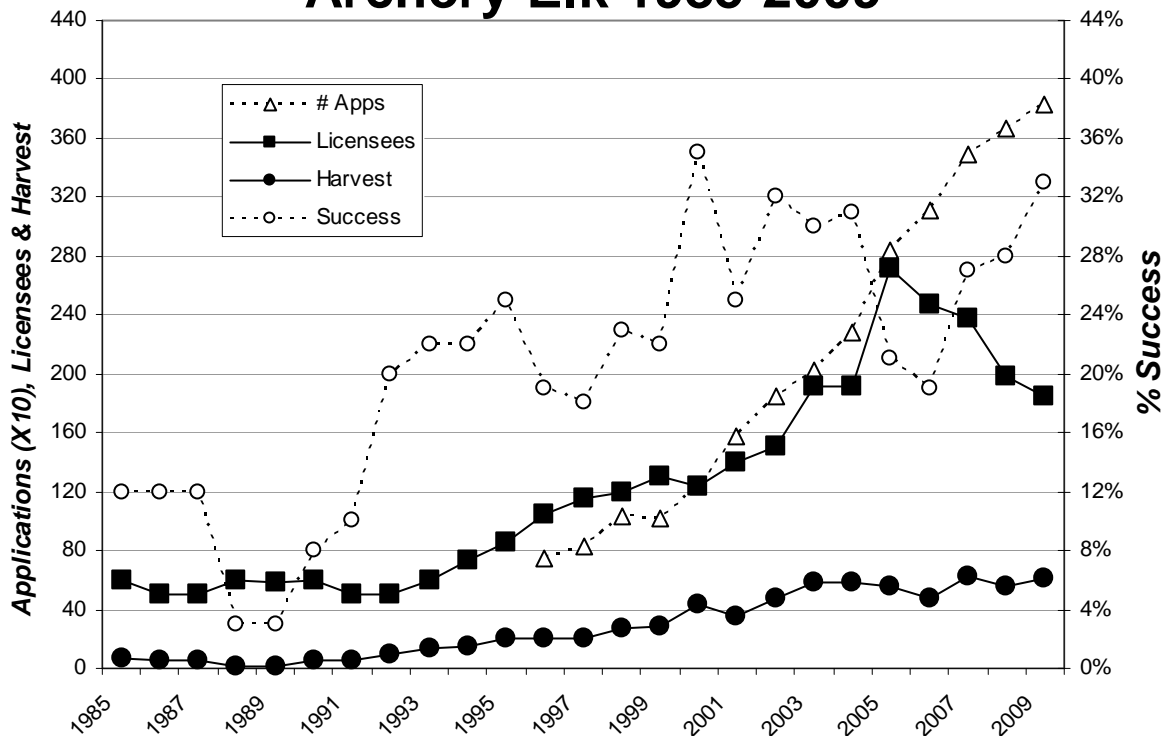
* Number of 1st drawing applicants with that unit as 1st choice.

2009 Archery Elk Harvest Date Distribution

Kill Date	Reported	Percent	Kill Date	Reported	Percent
9/1	0		9/16	1	1.79%
9/2	2	3.57%	9/17	3	5.36%
9/3	2	3.57%	9/18	3	5.36%
9/4	2	3.57%	9/19	5	8.93%
9/5	1	1.79%	9/20	2	3.57%
9/6	1	1.79%	9/21	2	3.57%
9/7	2	3.57%	9/22	0	
9/8	1	1.79%	9/23	4	7.14%
9/9	1	1.79%	9/24	2	3.57%
9/10	3	5.36%	9/25	0	
9/11	2	3.57%	9/26	2	3.57%
9/12	3	5.36%	9/27	1	1.79%
9/13	1	1.79%	9/28	3	5.36%
9/14	2	3.57%	9/29	2	3.57%
9/15	3	5.36%	9/30	0	
Total				56	

Weekend dates are in bold

Archery Elk 1985-2009



BLACK HILLS FIREARM ELK

A total of 1,366 licenses were issued for the 2009 Black Hills Firearm Elk season. All license holders were sent a survey at the end of the season and 1,269 responded for a 93.0% response rate (2 surveys were undeliverable). Approximately 27% responded using the Internet response system.

Respondents reported hunting an average of 6.38 days which projects to a total of 8,715 days of recreation for the season. The projected harvest was 404 bulls and 379 cows for an overall success rate of 57.3%.

Hunter satisfaction was based on a numerical scale from 1 (very dissatisfied) to 7 (very satisfied) and averaged 4.70 for the season.

Approximately 81% of responding hunters reported hunting on public land, 12% on private land they do not own, and 7% 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 1999-2009 Black Hills Firearm Elk seasons

Year	# Apps 1st Choice	Licenses Sold	Harvest			Success Rate	Avg. Days Hunted	Average Satisfaction
			Bulls	Cows	Total			
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
2009	12,915	1,366	404	379	783	57%	6.38	4.70

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

2009 Black Hills Firearm Elk Harvest Projections

Last Revised: 15 Apr 2010

Unit/Type	Resident Licenses					Harvest Projections						Avg Satisfctn Score	Avg Days Hunted	Land Hunted Most		
	Appl. 1st					Bulls	Cows	Calves	Cow Calves	Total Elk Harvested	Elk Shot Not Recovered			Public	Own	Other Private
	Choice *	Avail.	Sold	Resp.	Success											
H1A-21	1,438	100	100	97%	75%	55	15	5	0	75	7	4.67	8.6	90	6	3
H1B-23	36	70	70	89%	47%	0	29	1	2	33	6	5.17	6.0	64	1	1
H1C-23	21	70	70	96%	49%	1	28	1	4	34	2	5.00	6.0	64	0	0
H2A-21	8,665	250	251	94%	83%	196	9	2	1	207	7	5.83	6.4	235	6	4
H2B-23	152	100	99	93%	51%	0	46	1	3	50	2	5.28	5.7	93	0	1
H2C-23	48	100	100	93%	67%	2	50	10	5	67	3	5.06	5.0	92	0	3
H2D-23	79	50	50	84% #	62%	0	30	1	0	31	1	5.66	4.0	45	0	0
H2E-23	35	50	51	90%	76%	0	35	1	2	39	1	6.11	4.2	44	1	1
H3A-21	1,626	150	150	95%	59%	80	8	1	0	89	1	4.41	7.4	90	38	19
H3B-23	21	40	41	93%	18%	0	6	0	1	8	0	3.59	6.9	40	0	1
H3C-23	3	40	40	90%	28%	0	8	1	2	11	0	3.68	7.2	38	0	0
H3D-23	35	60	59	93%	51%	0	26	1	3	30	4	4.21	4.8	45	0	10
H3E-23	17	60	60	93%	48%	0	25	0	4	29	4	4.68	4.8	31	1	20
H4A-21	92	40	40	100%	49%	18	1	0	0	19	2	4.21	6.8	8	18	11
H4B-23	5	40	40	93%	32%	0	13	0	0	13	1	4.68	5.4	4	1	32
H4C-23	0	40	40	90%	33%	0	11	1	1	13	1	4.50	5.1	3	1	30
H5A-21	90	15	15	93%	57%	9	0	0	0	9	0	4.23	11.9	14	1	0
H5B-23	2	5	5	100%	0%	0	0	0	0	0	0	3.00	5.8	4	0	0
H5C-23	2	5	5	100%	40%	0	2	0	0	2	0	6.50	4.8	5	0	0
H7A-21	492	30	30	93%	39%	11	1	0	0	12	1	3.29	11.8	25	4	1
H7B-23	8	10	10	80% #	13%	0	1	0	0	1	0	3.53	5.5	8	0	1
H7C-23	1	10	10	90%	0%	0	0	0	0	0	0	3.48	11.3	10	0	0
H9A-21	46	20	20	76% #	38%	6	0	0	1	8	0	3.42	7.1	1	9	8
H9B-23	1	5	5	100%	20%	0	1	0	0	1	0	3.69	5.4	1	0	4
H9C-23	0	5	5	100%	20%	0	1	0	0	1	0	4.08	6.0	1	0	3
12,915	1,365	1,366	93.0%	57.3%		377	347	27	32	783	45	4.70	6.38	1,056	89	154

The response rate for all units combined is: 93.0%

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.

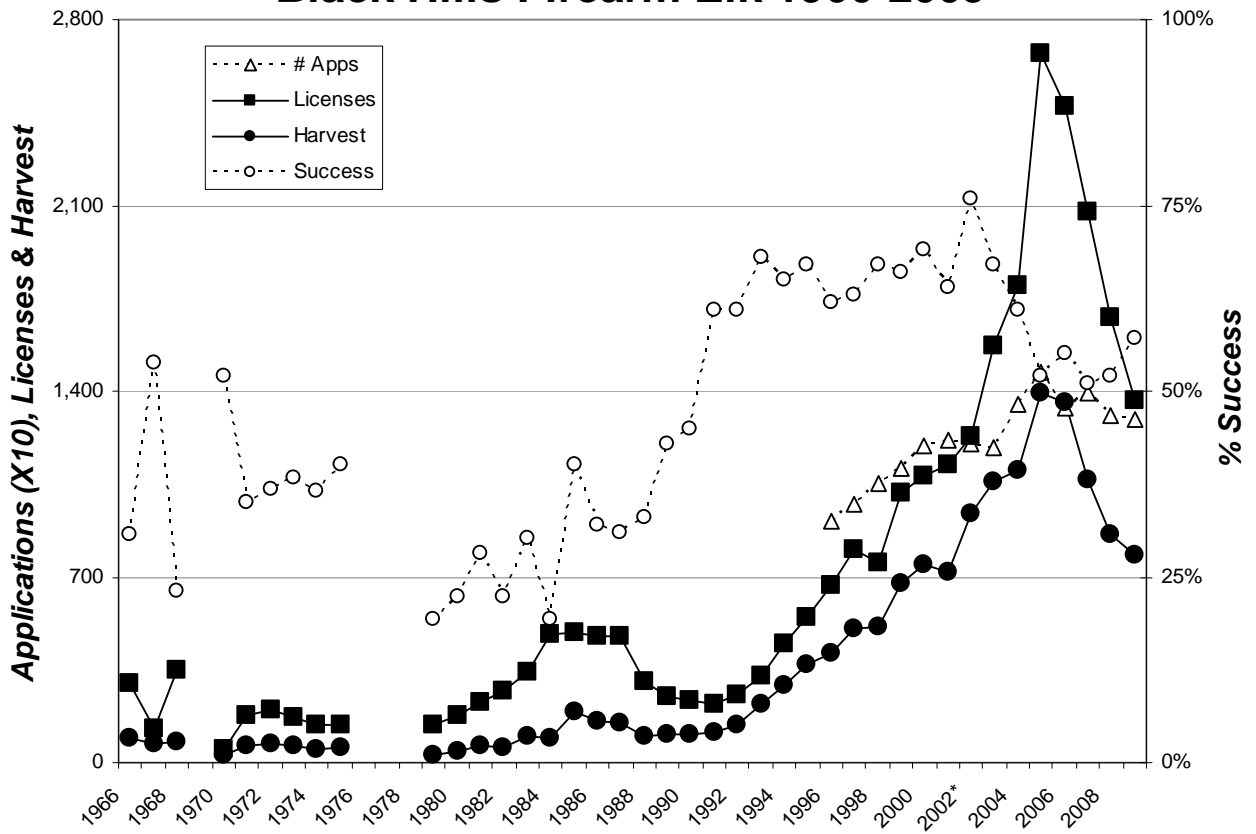
* Number of 1st drawing applicants with that unit as 1st choice.

2009 Black Hills Firearm Elk Harvest Date Distribution

Kill Date	Reported	Percent	Kill Date	Reported	Percent	Kill Date	Reported	Percent
10/1	80	11.82%	10/16	23	3.40%	12/1	10	1.48%
10/2	60	8.86%	10/17	23	3.40%	12/2	3	0.44%
10/3	44	6.50%	10/18	13	1.92%	12/3	4	0.59%
10/4	33	4.87%	10/19	7	1.03%	12/4	9	1.33%
10/5	27	3.99%	10/20	14	2.07%	12/5	14	2.07%
10/6	13	1.92%	10/21	9	1.33%	12/6	10	1.48%
10/7	12	1.77%	10/22	6	0.89%	12/7	3	0.44%
10/8	10	1.48%	10/23	11	1.62%	12/8	2	0.30%
10/9	11	1.62%	10/24	17	2.51%	12/9	3	0.44%
10/10	18	2.66%	10/25	13	1.92%	12/10	6	0.89%
10/11	11	1.62%	10/26	5	0.74%	12/11	7	1.03%
10/12	13	1.92%	10/27	9	1.33%	12/12	15	2.22%
10/13	3	0.44%	10/28	6	0.89%	12/13	15	2.22%
10/14	6	0.89%	10/29	9	1.33%	12/14	7	1.03%
10/15	11	1.62%	10/30	20	2.95%	12/15	10	1.48%
			10/31	22	3.25%			
Total							677	
October							559	82.6%
December							118	17.4%

Weekend dates are in bold

Black Hills Firearm Elk 1966-2009



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

PRAIRIE FIREARM ELK

A total of 133 licenses were issued for the 2009 Prairie Firearm Elk season. Unit 09A was established as a new addition to the Prairie Elk season in 2009. All license holders were sent a survey at the end of the season and 124 responded for a 93.9% response rate. Approximately 27% responded using the Internet.

Respondents reported hunting an average of 5.31 days for a total of 706 days of recreation. The projected harvest was 28 bulls and 23 cows for an overall success rate of 38%.

Hunter satisfaction was based on a numerical scale from 1 (very dissatisfied) to 7 (very satisfied) and averaged 4.17 for the season.

Approximately 73% of responding hunters reported hunting mostly on private land they do not own, 15% on public land and 12% on private land they own.

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

Harvest summary comparison for 1999-2009 Prairie Firearm Elk seasons

YEAR	Licenses		Harvest			Success	Avg. Days Hunted	Average Satisfaction
	Sold		Bulls	Cows	Total			
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
2009	133		28	23	51	38%	5.31	4.17

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.

2009 Prairie Firearm Elk Harvest Projections

Last Revised: 15 Apr 2010

Unit/Type	Resident Licenses				Harvest Projections							Avg Satisfctn Score	Avg Days Hunted	Land Hunted Most		
	Appl. 1st	Choice *	Avail.	Sold	Resp.	Success	Bulls	Cows	Bull Calves	Cow Calves	Total Elk Harvested			Elk Shot Not Recovered	Public	Own
09A-21	402	15	15	100%	73%	10	1	0	0	11	0	5.7	3.8	0	6	8
09A-23	12	20	20	90%	44%	0	8	0	1	9	1	5.3	3.6	0	0	18
11A-23	16	20	20	90%	33%	1	4	1	0	7	1	3.8	5.2	1	0	18
11B-21	352	10	11	91%	70%	8	0	0	0	8	0	4.8	4.8	3	6	2
11B-23	4	10	10	100%	30%	0	3	0	0	3	0	4.6	6.0	3	0	6
11C-21	162	8	8	100%	38%	3	0	0	0	3	0	3.0	8.3	2	1	5
11C-23	3	8	8	75% #	17%	0	1	0	0	1	0	3.5	3.7	3	0	5
15A-21	302	10	10	100%	30%	3	0	0	0	3	0	4.0	14.0	0	3	5
15A-23	16	20	21	95%	11%	0	2	0	0	2	1	2.5	9.5	0	0	18
30A-21	224	2	2	100%	50%	1	0	0	0	1	1	5.0	13.0	0	0	2
30A-23	15	8	8	100%	38%	0	1	1	1	3	0	4.2	3.0	1	1	3
TOTAL	1,508	131	133	93.9%	38.2%	26	21	2	2	51	4	4.17	5.31	13	11	63

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.