

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	Licenses Available	Harvest Projections										Total Deer Harvest	Avg Days Hunted	Avg Satisfaction				
			Licenses Sold		Total Tags Sold	Response Rate	Unit/Subunit Success	Whitetail				Mule Deer							
			Resident	Nonresident				Bucks	Does	Bucks	Does	Bucks				Does			
			Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn									
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.

2008 Archery Deer Harvest Distribution by County Hunted Most

Last Revised:
29-Apr-09

County	Reported Harvest									Projected Harvest											
	Whitetail				Mule Deer				Total	Whitetail				Mule Deer				Black Hills Estimate	Farm/LeFram Estimate	Total Estimate	%
	Bucks		Does		Bucks		Does			Bucks		Does		Bucks		Does					
	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn		Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn				
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	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	5	0	5	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	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	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%	
Meade	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	0	5	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	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	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%	
Walworth	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%	
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												
TOTALS	656	86	699	98	100	6	73	9	1,727	3,413	447	3,637	510	520	31	380	47	1,257	53	8,985	

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

