

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	Total			
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

Last Revised:
30-Apr-09

Unit	Hunters	Licenses Available	Harvest Projections										Total Deer Harvest	Mean Satisfaction Score	Average Days Hunted			
			Licenses Sold		Total tags sold	Response Rate	Success	Whitetail		Mule Deer								
			Resident	Nonresident				Bucks	Does	Bucks	Does	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

2008 Muzzleloader Deer Harvest Distribution by County Hunted Most

County	Reported Harvest									Projected Harvest									Black Hills		Total	
	Whitetail				Mule Deer				Total	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	2	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	0	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	15	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	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%			
Hamiin	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	2	32	0.9%		
Hughes	1	1	1	0	0	1	5	0	9	2	2	2	0	2	12	0	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	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	2	0	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	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	5	0	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													
TOTALS	93	157	871	144	42	23	185	24	1,539	223	377	2,090	346	101	55	444	58	893	3,693			

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

