

MUZZLELOADER DEER

There were 2,353 “antlerless whitetail” licenses (2,233 resident, 120 nonresident) and 1,030 “any deer” licenses issued for the 2018 Muzzleloader Deer season, which represented a total of 3,383 tags. All license holders were surveyed and 2,583 responded for a response rate of 78%. Approximately 75% of muzzleloader hunters used the Internet to respond.

The 2018 Muzzleloader season was open from December 1, 2018 through January 1, 2019. There were 8,191 applicants for the 1,000 “any deer” licenses. Respondents averaged 4.44 days of hunting for a projected total of 14,688 recreation days for the season.

The estimated harvest for the Muzzleloader season was 1,208 deer (275 whitetail bucks, 808 whitetail does, 110 mule deer bucks, and 14 mule deer does). The overall success rate for the muzzleloader season was 36% and average satisfaction was 5.01 (1 = very dissatisfied, 7 = very satisfied).

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

Summary comparison of the 2010-2018 Muzzleloader Deer seasons

YEAR	Licenses Sold		Harvest				Total	Success	Avg Days Hunted	Average Satisfctn
	Res	Nonres	Bucks		Does					
2010	5,509	374	546	101	1,991	280	2,919	38%	4.48	4.98
2011	4,747	265	308	83	1,113	216	1,720	26%	4.82	4.36
2012	4,856	288	433	115	1,218	211	1,977	29%	4.51	4.75
2013	4,350	286	312	62	821	146	1,340	23%	4.14	4.57
2014	3,073	140	235	85	498	11	829	26%	3.79	4.58
2015	3,303	143	313	77	539	16	935	27%	4.03	4.76
2016	2,914	134	334	89	699	6	1,127	37%	4.06	5.03
2017	3,304	128	263	117	865	4	1,251	36%	4.39	5.10
2018	3,263	120	275	110	808	14	1,208	36%	4.44	5.01

2018 Muzzleloader Deer Harvest Projections

Unit	License Holders	Licenses Available	Licenses Sold		Tags Sold	Response Rate	Hunter Success	Tag Success	Harvest Projections								Total Deer Harvest	Avg Days Hunted	Avg Satisf
			Resident	Nonresident					Whitetail				Mule Deer						
			Adult	Fawn					Bucks	Does	Bucks	Does	Bucks	Does					
Statewide no Access permit	3,178	Unlimited	3,128	112	3,240	78%	35%	35%	164	95	725	62	80	1	13	1	1,140	4.40	5.00
Statewide w/ Access permit	129	Unlimited	135	8	143	84%	50%	47%	12	4	18	4	29	0	0	0	68	5.50	5.23
Totals	3,307		3,263	120	3,383	78.4%	36.1%	36%	176	99	743	65	109	1	13	1	1,208	4.44	5.01

2018 Access Permit Muzzleloader Deer Survey Results

Unit	Permit Holders	Permits Available	Permits Issued		Sold	Projected Hunted	Response Rate	Hunter Success	Permit Success	Harvest Projections								Total Deer Harvest	Avg Days Hunted	Avg Satisf
			Resident	Nonresident						Whitetail				Mule Deer						
			Adult	Fawn						Bucks	Does	Bucks	Does	Bucks	Does					
Custer Nat Forest / 35L	72	Unlimited	72	0	72	38	87%	19%	10%	0	0	0	0	7	0	0	0	7	2.53	5.34
Hill Ranch GPA / 27L	17	Unlimited	17	0	17	3	67%	0%	0%	0	0	0	0	0	0	0	0	0	1.50	6.50
Little Moreau GPA / 24B	55	Unlimited	47	8	55	23	81%	17%	7%	1	1	1	0	0	0	0	4	3.78	4.89	
Brule GPA/Corps / 13L	20	Unlimited	20	0	20	4	75%	0%	0%	0	0	0	0	0	0	0	0	0	1.17	4.67
Totals	129		156	8	164	61	84.0%	18.0%	7%	1	1	1	0	7	0	0	0	11	3.11	5.21

2018 Muzzleloader Deer Harvest Distribution by Management Unit

County	Reported Harvest										Projected Harvest										Total Estimate	%
	Whitetail					Mule Deer					Whitetail					Mule Deer						
	Bucks		Does			Bucks		Does			Bucks		Does			Bucks		Does				
	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Total	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult		
01A (Minnehaha)	6	3	31	4	0	0	0	0	0	44	8	4	41	6	0	0	0	0	59	4.9%		
02A (NE Penn/SE Meade)	2	0	4	0	3	0	0	0	0	9	3	0	5	0	4	0	0	0	12	1.0%		
02C (SE Pennington)	2	2	9	3	1	0	1	0	0	18	3	3	12	4	1	0	1	0	24	2.0%		
03A (Brown)	1	3	11	1	0	0	0	0	0	16	1	4	15	1	0	0	0	0	21	1.8%		
04A (Beadle)	2	1	9	1	0	0	0	0	0	13	3	1	12	1	0	0	0	0	17	1.4%		
05A (Codington)	2	1	1	0	0	0	0	0	0	4	3	1	1	0	0	0	0	0	5	0.4%		
06A (Brookings)	4	3	47	1	0	0	0	0	0	55	5	4	63	1	0	0	0	0	73	6.1%		
07A (Yankton)	4	2	9	1	0	0	1	0	0	17	5	3	12	1	0	0	1	0	23	1.9%		
08A (Davison)	1	0	1	0	0	0	0	0	0	2	1	0	1	0	0	0	0	0	3	0.2%		
10A (Aurora)	1	1	3	2	0	0	0	0	0	7	1	1	4	3	0	0	0	0	9	0.8%		
11A (N Bennett)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%		
11B (S Bennett)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%		
12A (Bon Homme)	4	2	12	1	0	0	0	0	0	19	5	3	16	1	0	0	0	0	25	2.1%		
13A (Brule)	0	0	5	0	1	0	0	0	0	6	0	0	7	0	1	0	0	0	8	0.7%		
13L (Brule GPA's/Corps)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%		
14A (Buffalo)	1	1	0	0	0	0	0	0	0	2	1	1	0	0	0	0	0	0	3	0.2%		
15A (Butte)	1	1	6	0	1	0	0	0	0	9	1	1	8	0	1	0	0	0	12	1.0%		
15B (SW Butte/Lawrence)	2	2	7	1	1	0	0	0	0	13	3	3	9	1	1	0	0	0	17	1.4%		
16A (Campbell)	3	0	3	0	1	0	0	0	0	7	4	0	4	0	1	0	0	0	9	0.8%		
17A (Charles Mix)	1	0	3	1	1	0	0	0	0	6	1	0	4	1	1	0	0	0	8	0.7%		
18A (Clark)	2	0	1	0	0	0	0	0	0	3	3	0	1	0	0	0	0	0	4	0.3%		
19A (Clay)	2	0	1	0	0	0	0	0	0	3	3	0	1	0	0	0	0	0	4	0.3%		
20A (Corson)	2	0	0	0	2	0	0	0	0	4	3	0	0	0	3	0	0	0	5	0.4%		
21A (E Custer/S Penn)	4	0	7	1	6	0	1	0	0	19	5	0	9	1	8	0	1	0	25	2.1%		
21B (C Custer/C Penn)	0	2	8	0	2	0	0	0	0	12	0	3	11	0	3	0	0	0	16	1.3%		
22A (Day)	2	0	2	0	0	0	0	0	0	4	3	0	3	0	0	0	0	0	5	0.4%		
23A (Deuel)	0	0	2	0	0	0	0	0	0	2	0	0	3	0	0	0	0	0	3	0.2%		
24A (Dewey)	2	0	1	0	1	0	0	0	0	4	3	0	1	0	1	0	0	0	5	0.4%		
24B (Little Moreau)	1	1	1	0	0	0	0	0	0	3	1	1	1	0	0	0	0	0	4	0.3%		
25A (Douglas)	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0.1%		
26A (Edmunds)	0	1	3	1	0	0	0	0	0	5	0	1	4	1	0	0	0	0	7	0.6%		
27A (NW FRiver/SW Cust)	0	0	3	0	2	0	1	0	0	6	0	0	4	0	3	0	1	0	8	0.7%		
27B (Fall River)	0	0	2	0	0	0	0	0	0	2	0	0	3	0	0	0	0	0	3	0.2%		
27L (Hill Ranch Area)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%		
28A (Faulk)	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0.1%		
29A (Grant)	3	0	0	0	0	0	0	0	0	3	4	0	0	0	0	0	0	0	4	0.3%		
30A,B (Gregory)	2	1	15	1	0	0	1	0	0	20	3	1	20	1	0	0	1	0	27	2.2%		
31A (Haakon)	2	0	3	0	2	0	0	0	0	7	3	0	4	0	3	0	0	0	9	0.8%		
32A (Hamlin)	2	0	0	0	0	0	0	0	0	2	3	0	0	0	0	0	0	0	3	0.2%		
33A (Hand)	1	0	4	0	0	0	0	0	0	5	1	0	5	0	0	0	0	0	7	0.6%		
34A (Hanson)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%		
35A (W Harding)	1	0	3	0	6	0	1	0	0	11	1	0	4	0	8	0	1	0	14	1.2%		
35C (E Harding)	0	0	0	0	4	0	0	0	0	4	0	0	0	0	5	0	0	0	5	0.4%		
35L (Custer Nat Forest)	2	0	4	0	6	0	0	0	0	12	3	0	5	0	8	0	0	0	16	1.3%		
36A (Hughes)	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0.1%		
37A (Hutchinson)	2	0	1	0	0	0	0	0	0	3	3	0	1	0	0	0	0	0	4	0.3%		
38A (Hyde)	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0.1%		
39A (N Jackson)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%		
39B (S Jackson)	0	0	0	0	2	0	0	0	1	3	0	0	0	0	3	0	0	1	4	0.3%		
40A (Jerauld)	0	0	9	0	0	0	0	0	0	9	0	0	12	0	0	0	0	0	12	1.0%		
41A (Jones)	1	0	0	0	1	0	0	0	0	2	1	0	0	0	1	0	0	0	3	0.2%		
42A (Kingsbury)	1	1	5	0	0	0	0	0	0	7	1	1	7	0	0	0	0	0	9	0.8%		
43A (Lake)	1	5	13	2	0	0	1	0	0	22	1	7	17	3	0	0	1	0	29	2.4%		
44A (Lincoln)	1	3	13	3	0	0	0	0	0	20	1	4	17	4	0	0	0	0	27	2.2%		
45A (W Lyman)	0	1	4	1	1	0	0	0	0	7	0	1	5	1	1	0	0	0	9	0.8%		
45B (E Lyman)	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0.1%		
45C (NE Lyman/SE Stanley)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%		
45D (Ft Pr Nat Grslnd)	0	0	0	0	1	0	0	0	0	1	0	0	0	0	1	0	0	0	1	0.1%		
46A (McCook)	3	3	10	0	0	0	0	0	0	16	4	4	13	0	0	0	0	0	21	1.8%		
47A (McPherson)	6	0	3	0	0	0	0	0	0	9	8	0	4	0	0	0	0	0	12	1.0%		
48A (Marshall)	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0.1%		
49A (W Meade)	4	0	7	0	1	0	0	0	0	12	5	0	9	0	1	0	0	0	16	1.3%		
49B (NE Meade)	1	0	6	0	1	0	0	0	0	8	1	0	8	0	1	0	0	0	11	0.9%		
50A,B (Mellette)	0	0	0	0	2	0	0	0	0	2	0	0	0	0	3	0	0	0	3	0.2%		
51A (Miner)	2	3	9	0	0	0	0	0	0	14	3	4	12	0	0	0	0	0	19	1.5%		
52A (Moody)	2	1	7	2	0	0	0	0	0	12	3	1	9	3	0	0	0	0	16	1.3%		
53A (N Perkins)	3	0	2	1	3	0	0	0	0	9	4	0	3	1	4	0	0	0	12	1.0%		
53C (S Perkins)	0	0	2	0	3	0	1	0	0	6	0	0	3	0	4	0	1	0	8	0.6%		
54A (Potter)	1	0	2	0	0	0	0	0	0	3	1	0	3	0	0	0	0	0	4	0.3%		
55A (Roberts)	0	0	2	0	0	0	0	0	0	2	0	0	3	0	0	0	0	0	3	0.2%		
56A (Sanborn)	2	1	5	1	0	0	0	0	0	9	3	1	7	1	0	0	0	0	12	1.0%		
57A (Spink)	1	1	4	0	0	0	0	0	0	6	1	1	5	0	0	0	0	0	8	0.7%		
58A (Stanley)	0	0	0	0	10	0	1	0	0	11	0	0	0	0	13	0	1	0	14	1.2%		
59A (W Sully)	2	1	4	0	2	0	0	0	0	9	3	1	5	0	3	0	0	0	12	1.0%		
59B (E Sully)	1	0	1	0	0	0	0	0	0	2	1	0	1	0	0	0	0	0	3	0.2%		
60A (Tripp)	4	1	11	0	0	0	1	0	0	17	5	1	15	0	0	0	1	0	23	1.9%		
61A (Turner)	3	0	2	0	0	0	0	0	0	5	4	0	3	0	0	0	0	0	7	0.6%		
62A (Union)	3	7	22	1	0	0	0	0	0	33	4	9	29	1	0	0	0	0	44	3.6%		
63A (Walworth)	1	0	0	1	3	0	0	0	0	5	1	0	0	1	4	0	0	0	7	0.5%		
64A (Ziebach)	0	0	0	0	2	0	0	0	0	2	0	0	0	0	3	0	0	0	3	0.2%		
65A (Oglala Lakota)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%		
67A (Todd)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%		
BH1 (Black Hills)	18	19	191	16	12	1	0	0	0	257	24	25	254	22	16	0	0	0	341	28.3%		
Unknown	6	3	22	4	2	0	0	0	0	37												
TOTALS	138	77	580	51	86	1	10	1	944	176	99	743	65	109	<							

Muzzleloader Deer 1991-2018

