

# **MUZZLELOADER DEER**

There were 2,332 “antlerless whitetail” licenses (2,192 resident, 140 nonresident) and 1,008 “any deer” licenses issued for the 2019 Muzzleloader Deer season, which represented a total of 3,340 tags. All license holders were surveyed and 2,409 responded for a response rate of 75%. Approximately 66% of muzzleloader hunters used the Internet to respond.

The 2019 Muzzleloader season was open from December 1, 2019 through January 1, 2020. There were 5,159 applicants for the 1,000 “any deer” licenses. Respondents averaged 4.95 days of hunting for a projected total of 16,054 recreation days for the season.

The estimated harvest for the Muzzleloader season was 1,219 deer (295 whitetail bucks, 795 whitetail does, 112 mule deer bucks, and 17 mule deer does). The overall success rate for the muzzleloader season was 36% and average satisfaction was 5.10 (1 = very dissatisfied, 7 = very satisfied).

The five deer management units with the highest reported harvest were the Black Hills, Brown, Brookings, Lake, and Union accounting for approximately 33% of the total season harvest.

## Summary comparison of the 2011-2019 Muzzleloader Deer seasons

YEAR	Licenses Sold		Harvest				Total	Success	Avg Days Hunted	Average Satisfctn
			Bucks		Does					
	Res	Nonres	WT	Mule	WT	Mule				
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
2019	3,200	140	295	112	795	17	1,219	36%	4.95	5.10

## 2019 Muzzleloader Deer Harvest Projections

Unit-Type	License Holders	Licenses Available	Licenses Sold		Response Rate	Hunter Success	Harvest Projections								Total Deer Harvest	Avg Days Hunted	Avg Satisf	
			Resident	Nonresident			Whitetail				Mule Deer							
							Bucks	Does	Bucks	Does	Bucks	Does	Bucks	Does				
ST1-01	1,008	1,000	1,008	0	1,008	78%	39%	199	12	52	5	112	0	17	0	396	-	-
LM1-13	2,332	Unlimited	2,192	140	2,332	74%	35%	0	85	675	63	0	0	0	0	823	-	-
<b>Totals</b>	<b>3,242</b>		<b>3,200</b>	<b>140</b>	<b>3,340</b>	<b>74.6%</b>	<b>36.5%</b>	<b>199</b>	<b>96</b>	<b>727</b>	<b>68</b>	<b>112</b>	<b>0</b>	<b>17</b>	<b>0</b>	<b>1,219</b>	<b>4.95</b>	<b>5.10</b>

## 2019 Access Permit Muzzleloader Deer Survey Results

Unit	Permit Holders	Permits Available	Permits Issued			Projected Hunted	Response Rate	Hunter Success	Permit Success	Harvest Projections								Total Deer Harvest	Avg Days Hunted	Avg Satisf
			Resident	Nonresident	Sold					Whitetail				Mule Deer						
										Bucks	Does	Bucks	Does	Bucks	Does	Bucks	Does			
Custer Nat Forest / 35L	100	Unlimited	100	0	100	40	78%	39%	15%	1	0	0	0	13	0	1	0	15	3.39	5.45
Hill Ranch GPA / 27L	18	Unlimited	18	0	18	5	78%	25%	7%	1	0	0	0	0	0	0	0	1	6.75	6.00
Little Moreau GPA / 24B	41	Unlimited	36	5	41	11	61%	43%	12%	0	2	2	2	0	0	0	0	5	2.86	4.29
Brule GPA/Corps / 13L	22	Unlimited	22	0	22	6	73%	25%	6%	0	0	0	0	0	0	1	0	1	1.75	4.00
<b>Totals</b>	<b>145</b>		<b>176</b>	<b>5</b>	<b>181</b>	<b>60</b>	<b>74.5%</b>	<b>37.8%</b>	<b>13%</b>	<b>3</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>13</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>23</b>	<b>3.53</b>	<b>5.15</b>

## 2019 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	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn		
01A (Minnehaha)	0	1	20	2	0	0	0	0	0	23	0	1	30	3	0	0	0	0	35	2.8%
02A (NE Penn/SE Meade)	0	0	7	1	1	0	0	0	0	9	0	0	11	1	1	0	0	0	13	1.1%
02C (SE Pennington)	0	2	12	4	4	0	0	0	0	22	0	3	18	6	6	0	0	0	32	2.7%
03A (Brown)	3	4	19	0	0	0	0	0	0	26	4	6	29	0	0	0	0	0	39	3.2%
04A (Beadle)	3	0	9	2	0	0	0	0	0	14	4	0	14	3	0	0	0	0	21	1.7%
05A (Codington)	3	1	12	1	0	0	0	0	0	17	4	1	18	1	0	0	0	0	25	2.1%
06A (Brookings)	2	6	28	2	0	0	0	0	0	38	3	9	42	3	0	0	0	0	57	4.7%
07A (Yankton)	4	1	6	1	0	0	0	0	0	12	6	1	9	1	0	0	0	0	18	1.5%
08A (Davison)	0	0	1	0	0	0	0	0	0	1	0	0	2	0	0	0	0	0	2	0.1%
10A (Aurora)	0	3	1	0	0	0	0	0	0	4	0	4	2	0	0	0	0	0	6	0.5%
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)	1	0	1	0	0	0	0	0	0	2	1	0	2	0	0	0	0	0	3	0.2%
12A (Bon Homme)	3	1	8	0	0	0	0	0	0	12	4	1	12	0	0	0	0	0	18	1.5%
13A (Brule)	2	0	6	0	0	0	0	0	0	8	3	0	9	0	0	0	0	0	12	1.0%
13L (Brule GPA's/Corps)	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	2	0	0	2	0.1%
14A (Buffalo)	0	0	1	0	0	0	0	0	0	1	0	0	2	0	0	0	0	0	2	0.1%
15A (Butte)	2	0	3	1	5	0	0	0	0	11	3	0	5	1	7	0	0	0	16	1.3%
15B (SW Butte/Lawrence)	2	1	7	0	0	0	0	0	0	10	3	1	11	0	0	0	0	0	15	1.2%
16A (Campbell)	1	0	3	0	1	0	2	0	0	7	1	0	5	0	1	0	3	0	11	0.9%
17A (Charles Mix)	2	1	2	1	2	0	0	0	0	8	3	1	3	1	3	0	0	0	12	1.0%
18A (Clark)	2	0	4	0	0	0	0	0	0	6	3	0	6	0	0	0	0	0	9	0.7%
19A (Clay)	1	1	8	0	0	0	0	0	0	10	1	1	12	0	0	0	0	0	15	1.2%
20A (Corson)	0	0	0	0	3	0	0	0	0	3	0	0	0	0	4	0	0	0	4	0.3%
21A (E Custer/S Penn)	0	0	6	0	4	0	1	0	0	11	0	0	9	0	6	0	2	0	16	1.3%
21B (C Custer/C Penn)	1	0	7	0	2	0	0	0	0	10	1	0	11	0	3	0	0	0	15	1.2%
22A (Day)	6	3	6	1	0	0	0	0	0	16	9	4	9	1	0	0	0	0	24	1.9%
23A (Deuel)	2	3	10	2	0	0	0	0	0	17	3	4	15	3	0	0	0	0	25	2.1%
24A (Dewey)	0	0	1	1	0	0	0	0	0	2	0	0	2	1	0	0	0	0	3	0.2%
24B (Little Moreau)	0	1	1	1	0	0	0	0	0	3	0	1	2	1	0	0	0	0	4	0.4%
25A (Douglas)	0	0	1	0	0	0	0	0	0	1	0	0	2	0	0	0	0	0	2	0.1%
26A (Edmunds)	1	0	2	0	0	0	0	0	0	3	1	0	3	0	0	0	0	0	4	0.4%
27A (NW FRiver/SW Cust)	1	0	0	0	1	0	0	0	0	2	1	0	0	0	1	0	0	0	3	0.2%
27B (Fall River)	1	1	5	0	1	0	1	0	0	9	1	1	8	0	1	0	2	0	14	1.1%
27L (Hill Ranch Area)	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0.1%
28A (Faulk)	3	0	1	0	0	0	0	0	0	4	4	0	2	0	0	0	0	0	6	0.5%
29A (Grant)	5	0	0	1	0	0	0	0	0	6	7	0	0	1	0	0	0	0	9	0.7%
30A,B (Gregory)	5	1	12	1	0	0	0	0	0	19	7	1	18	1	0	0	0	0	28	2.3%
31A (Haakon)	1	0	3	0	1	0	1	0	0	6	1	0	5	0	1	0	2	0	9	0.7%
32A (Hamlin)	1	1	8	1	0	0	0	0	0	11	1	1	12	1	0	0	0	0	16	1.4%
33A (Hand)	2	1	0	1	0	0	0	0	0	4	3	1	0	1	0	0	0	0	6	0.5%
34A (Hanson)	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0.1%
35A (W Harding)	1	0	0	0	1	0	0	0	0	2	1	0	0	0	1	0	0	0	3	0.2%
35C (E Harding)	0	0	1	0	6	0	0	0	0	7	0	0	2	0	8	0	0	0	10	0.8%
35L (Custer Nat Forest)	1	0	1	1	10	0	1	0	0	14	1	0	2	1	14	0	2	0	20	1.6%
36A (Hughes)	0	0	0	1	3	0	0	0	0	4	0	0	0	1	4	0	0	0	6	0.5%
37A (Hutchinson)	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0.1%
38A (Hyde)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
39A (N Jackson)	0	0	1	0	2	0	0	0	0	3	0	0	2	0	3	0	0	0	4	0.4%
39B (S Jackson)	2	0	0	0	1	0	0	0	0	3	3	0	0	0	1	0	0	0	4	0.4%
40A (Jerauld)	5	1	6	0	0	0	0	0	0	12	7	1	9	0	0	0	0	0	18	1.5%
41A (Jones)	0	0	0	0	3	0	0	0	0	3	0	0	0	0	4	0	0	0	4	0.3%
42A (Kingsbury)	0	1	13	0	0	0	0	0	0	14	0	1	20	0	0	0	0	0	21	1.7%
43A (Lake)	3	6	15	0	0	0	0	0	0	24	4	9	23	0	0	0	0	0	36	2.9%
44A (Lincoln)	5	0	9	3	0	0	0	0	0	17	7	0	14	4	0	0	0	0	25	2.1%
45A (W Lyman)	1	2	5	1	1	0	0	0	0	10	1	3	8	1	1	0	0	0	15	1.2%
45B (E Lyman)	1	1	3	1	0	0	0	0	0	6	1	1	5	1	0	0	0	0	9	0.7%
45C (NE Lyman/SE Stanley)	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0.1%
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)	2	0	17	0	0	0	0	0	0	19	3	0	26	0	0	0	0	0	29	2.3%
47A (McPherson)	4	1	2	2	0	0	0	0	0	9	6	1	3	3	0	0	0	0	13	1.1%
48A (Marshall)	3	2	0	1	0	0	0	0	0	6	4	3	0	1	0	0	0	0	9	0.7%
49A (W Meade)	0	0	7	1	0	0	0	0	0	8	0	0	11	1	0	0	0	0	12	1.0%
49B (NE Meade)	0	0	2	0	3	0	0	0	0	5	0	0	3	0	4	0	0	0	7	0.6%
50A,B (Melleite)	1	0	2	0	1	0	0	0	0	4	1	0	3	0	1	0	0	0	6	0.5%
51A (Miner)	0	0	7	0	0	0	0	0	0	7	0	0	11	0	0	0	0	0	11	0.9%
52A (Moody)	1	2	9	0	0	0	0	0	0	12	1	3	14	0	0	0	0	0	18	1.5%
53A (N Perkins)	1	0	0	0	3	0	0	0	0	4	1	0	0	0	4	0	0	0	6	0.5%
53C (S Perkins)	0	0	1	0	1	0	0	0	0	2	0	0	2	0	1	0	0	0	3	0.2%
54A (Potter)	1	0	2	0	1	0	0	0	0	4	1	0	3	0	1	0	0	0	6	0.5%
55A (Roberts)	3	0	17	0	0	0	0	0	0	20	4	0	26	0	0	0	0	0	30	2.5%
56A (Sanborn)	1	0	2	0	0	0	0	0	0	3	1	0	3	0	0	0	0	0	4	0.4%
57A (Spink)	3	1	2	2	0	0	0	0	0	8	4	1	3	3	0	0	0	0	12	1.0%
58A (Stanley)	5	0	1	0	4	0	1	0	0	11	7	0	2	0	6	0	2	0	16	1.3%
59A (W Sully)	2	0	0	0	5	0	1	0	0	8	3	0	0	0	7	0	2	0	11	0.9%
59B (E Sully)	2	0	2	0	0	0	0	0	0	4	3	0	3	0	0	0	0	0	6	0.5%
60A (Tripp)	0	1	4	0	0	0	0	0	0	5	0	1	6	0	0	0	0	0	7	0.6%
61A (Turner)	3	1	0	0	0	0	0	0	0	4	4	1	0	0	0	0	0	0	6	0.5%
62A (Union)	6	5	15	1	0	0	0	0	0	27	9	7	23	1	0	0	0	0	40	3.3%
63A (Walworth)	2	0	0	2	1	0	0	0	0	5	3	0	0	3	1	0	0	0	7	0.6%
64A (Ziebach)	0	0	0	0	1	0	0	0	0	1	0	0	0	0	1	0	0	0	1	0.1%
65A (Oglala Lakota)	0	0	0	0	1	0	0	0	0	1	0	0	0	0	1	0	0	0	1	0.1%
67A (Todd)	0	0	0	0	1	0	0	0	0	1	0	0	0	0	1	0	0	0	1	0.1%
BH1 (Black Hills)	14	10	114	6	6	0	1	0	0	151	20	14	172	9	8	0	2	0	226	18.5%
Unknown	17	4	54	4	6	0	3	0	0	88										
<b>TOTALS</b>	<b>154</b>	<b>71</b>	<b>535</b>	<b>50</b>	<b>87</b>	<b>0</b>	<b>13</b>	<b>0</b>	<b>910</b>	<b>199</b>	<b>96</b>	<b>727</b>	<b>68</b>	<b>112</b>	<b>0</b>	<b>17</b>	<b>0</b>			

### Muzzleloader Deer 1991-2019

