

MUZZLELOADER DEER

There were 2,201 “antlerless whitetail” licenses (2,097 resident, 104 nonresident) and 986 “any deer” licenses issued for the 2022 Muzzleloader Deer season, which represented a total of 3,187 tags. All license holders that provided a valid email address were surveyed and 1,809 responded for a response rate of 60%.

The 2022 Muzzleloader season was open from December 1, 2022, through January 1, 2023. There were 4,419 resident applicants for the 1,000 “any deer” licenses. Respondents averaged 5.03 days of hunting for a projected total of 15,638 recreation days for the season.

The estimated harvest for the Muzzleloader season was 1,125 deer (275 whitetail bucks, 760 whitetail does, 83 mule deer bucks, and 8 mule deer does). The overall success rate for the muzzleloader season was 35% and average satisfaction was 4.73 (1 = very dissatisfied, 7 = very satisfied).

The five deer management units with the highest reported harvest were the Black Hills, Roberts, Brookings, Lake, and Grant accounting for approximately 37% of the total season harvest.

Summary comparison of the 2013-2022 Muzzleloader Deer seasons

YEAR	Licenses Sold		Harvest					Total	Success	Avg Days Hunted	Average Satisfctn
			Bucks		Does						
	Res	Nonres	WT	Mule	WT	Mule					
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	
2020	3,550	157	272	170	882	17	1,341	36%	4.36	5.14	
2021	3,358	133	235	110	711	8	1,065	31%	4.87	5.01	
2022	3,083	104	275	83	760	8	1,125	35%	5.03	4.73	

2022 Muzzleloader Deer Harvest Projections

Last Revised:		Harvest Projections																
19-Apr-23	License Holders	Licenses Available	Licenses Sold			Response Rate	Tag Success	Whitetail				Mule Deer				Total Deer Harvest	Avg Days Hunted	Avg Satisf
Unit-Type			Resident	Nonresident	Tags Sold			Bucks	Does		Bucks	Does						
								Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn			
ST1-01	986	1,000	986	0	986	67%	34.6%	176	5	65	6	81	2	5	3	341	-	-
LM1-13	2,201	Unlimited	2,097	104	2,201	56%	35.6%	0	95	627	62	0	0	0	0	784	-	-
Totals	3,107		3,083	104	3,187	59.5%	35.3%	176	99	692	68	81	2	5	3	1,125	5.03	4.73

2022 Muzzleloader Deer Harvest Distribution by Management Unit

Unit	Projected Harvest										Estimate	%
	Whitetail				Mule Deer				Total			
	Bucks		Does		Bucks		Does					
	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn				
01A (Minnehaha)	6	2	16	4	0	0	0	0	27	2.4%		
02A (NE Penn/SE Meade)	0	0	5	0	2	0	0	0	7	0.6%		
02C (SE Pennington)	2	0	7	0	5	0	0	0	13	1.2%		
03A (Brown)	2	0	14	2	0	0	0	0	18	1.6%		
04A (Beadle)	2	2	16	7	0	0	0	0	27	2.4%		
05A (Codington)	3	4	16	4	0	0	0	0	26	2.3%		
06A (Brookings)	8	7	46	4	0	0	0	0	65	5.8%		
07A (Yankton)	3	0	7	0	0	0	0	0	10	0.9%		
08A (Davison)	2	0	0	2	0	0	0	0	3	0.3%		
10A (Aurora)	3	4	9	2	0	0	0	0	17	1.5%		
11A (N Bennett)	0	0	0	0	0	0	0	0	0	0.0%		
11B (S Bennett)	2	0	0	0	0	0	0	0	2	0.1%		
12A (Bon Homme)	2	0	11	0	0	0	0	0	12	1.1%		
13A (Brule)	2	0	2	2	0	0	0	0	5	0.5%		
13L (Brule GPA's/Corps)	0	0	0	0	0	0	0	0	0	0.0%		
14A (Buffalo)	0	0	2	0	0	0	0	0	2	0.2%		
15A (Butte)	0	2	2	0	0	0	0	0	4	0.3%		
15B (SW Butte/Lawrence)	2	2	4	0	0	0	0	0	7	0.6%		
16A (Campbell)	3	0	0	0	0	0	2	0	5	0.4%		
17A (Charles Mix)	3	2	11	2	2	0	0	0	19	1.7%		
18A (Clark)	0	2	2	2	0	0	0	0	5	0.5%		
19A (Clay)	2	2	20	2	0	0	0	0	25	2.2%		
20A (Corson)	2	0	0	0	3	0	0	0	5	0.4%		
21A (E Custer/S Penn)	3	0	7	0	3	0	0	0	13	1.2%		
21B (C Custer/C Penn)	0	0	9	0	3	0	0	0	12	1.1%		
22A (Day)	5	4	16	0	0	0	0	0	24	2.2%		
23A (Deuel)	2	4	11	0	0	0	0	0	16	1.4%		
24A (Dewey)	5	0	2	0	0	0	0	0	6	0.6%		
24B (Little Moreau)	0	0	4	2	0	0	0	0	5	0.5%		
25A (Douglas)	0	0	0	0	0	0	0	0	0	0.0%		
26A (Edmunds)	0	0	13	2	0	0	0	0	14	1.3%		
27A (NW FRiver/SW Cust)	2	2	2	0	3	0	0	0	8	0.7%		
27B (Fall River)	0	0	2	0	2	0	0	0	3	0.3%		
27L (Hill Ranch Area)	0	0	0	0	2	0	0	0	2	0.1%		
28A (Faulk)	0	0	2	0	0	0	0	0	2	0.2%		
29A (Grant)	5	4	30	0	0	0	0	0	39	3.4%		
30A,B (Gregory)	2	0	9	0	0	0	0	0	10	0.9%		
31A (Haakon)	2	0	0	0	2	0	0	0	3	0.3%		
32A (Hamlin)	5	2	14	7	0	0	0	0	28	2.5%		
33A (Hand)	8	0	0	0	0	0	0	0	8	0.7%		
34A (Hanson)	0	0	0	0	0	0	0	0	0	0.0%		
35A (W Harding)	2	0	4	0	3	0	0	0	8	0.7%		
35C (E Harding)	3	0	0	0	0	0	0	0	3	0.3%		
35L (Custer Nat Forest)	3	0	0	0	9	2	0	0	14	1.2%		
36A (Hughes)	2	0	0	2	0	0	0	0	3	0.3%		
37A (Hutchinson)	2	2	0	0	0	0	0	0	3	0.3%		
38A (Hyde)	2	0	0	0	2	0	0	0	3	0.3%		
39A (N Jackson)	0	0	2	0	2	0	0	0	3	0.3%		
39B (S Jackson)	2	2	0	0	0	0	0	0	3	0.3%		
40A (Jerauld)	3	0	9	0	0	0	0	0	12	1.1%		
41A (Jones)	0	0	0	0	2	0	0	0	2	0.1%		
42A (Kingsbury)	2	4	11	0	0	0	0	0	16	1.4%		
43A (Lake)	6	9	32	0	0	0	0	0	47	4.2%		
44A (Lincoln)	0	2	11	4	0	0	0	0	16	1.4%		
45A (W Lyman)	0	4	7	0	0	0	0	0	11	1.0%		
45B (E Lyman)	0	0	4	0	0	0	0	0	4	0.3%		
45C (NE Lyman/SE Stanley)	0	0	0	0	0	0	0	0	0	0.0%		
45D (Ft Pr Nat Grslnd)	2	0	0	0	5	0	0	0	6	0.5%		
46A (McCook)	5	4	21	2	0	0	0	0	31	2.8%		
47A (McPherson)	5	0	7	0	0	0	0	0	12	1.0%		
48A (Marshall)	3	0	14	0	0	0	0	0	17	1.5%		
49A (W Meade)	2	0	9	2	3	0	0	0	15	1.4%		
49B (NE Meade)	0	2	0	0	5	0	0	0	6	0.6%		
50A,B (Mellette)	0	0	2	0	2	0	0	0	3	0.3%		
51A (Miner)	0	0	5	0	0	0	0	0	5	0.5%		
52A (Moody)	6	2	11	0	0	0	0	0	19	1.6%		
53A (N Perkins)	3	0	0	2	2	0	3	0	9	0.8%		
53C (S Perkins)	0	0	0	0	2	0	0	0	2	0.1%		
54A (Potter)	0	0	0	0	0	0	0	0	0	0.0%		
55A (Roberts)	15	2	29	5	0	0	0	0	51	4.5%		
56A (Sanborn)	0	0	5	0	0	0	0	0	5	0.5%		
57A (Spink)	2	2	13	0	0	0	0	0	16	1.4%		
58A (Stanley)	6	0	0	0	8	0	0	0	14	1.2%		
59A (W Sully)	0	0	0	0	3	0	0	2	5	0.4%		
59B (E Sully)	0	0	0	0	0	0	0	0	0	0.0%		
60A (Tripp)	0	2	7	0	0	0	0	0	9	0.8%		
61A (Turner)	0	2	2	0	0	0	0	0	4	0.3%		
62A (Union)	8	0	14	4	0	0	0	0	25	2.3%		
63A (Walworth)	2	0	9	2	2	0	0	0	14	1.2%		
64A (Ziebach)	0	0	0	0	3	0	0	0	3	0.3%		
65A (Oglala Lakota)	0	0	0	0	0	0	0	0	0	0.0%		
67A (Todd)	0	0	0	0	0	0	0	0	0	0.0%		
BH1 (Black Hills)	18	22	156	5	9	0	2	2	211	18.8%		
TOTALS	176	99	692	68	81	2	5	3	1,125			

Use these figures for approximations only!

Muzzleloader Deer 1991-2022

