

ARCHERY ANTELOPE

There were 2,959 single-tag archery antelope licenses issued in 2023 (2,127 resident and 832 nonresident). The archery season ran from August 19 through October 31, except when and where a state firearm antelope season was open. All license holders that provided a valid email address were surveyed using Survey123 software and the response rate was 49%.

The overall success rate for the archery season was estimated to be 21%, with 597 adult bucks and 16 buck-kids harvested. Of the 23 management units where antelope harvest was reported, the Harding County and Butte County units accounted for 62.5% of all harvest.

Average hunter satisfaction was 4.70 and was based on a numerical scale from 1 (very dissatisfied) to 7 (very satisfied), 4 being neutral.

2023 Archery Antelope Harvest Projections

Last Revised: 05/02/24

Unit/Type	Residency	Licenses Available	Licenses Sold	Response Rate	Success	Harvest Projections				Avg	Avg	
						Bucks	Does	Kids	Total Harvest	Satisfactn Rating	Days Hunted	
ST1-42	Resident	Unlimited	2,127	47%	15%	302	0	9	0	310	4.43	3.48
	Nonresident Private Land	Unlimited	395	49%	47%	183	0	4	0	187	5.38	3.70
	Nonresident Public/Private	450	437	58%	26%	112	0	3	0	115	5.40	4.84
Totals			2,959	48.7%	21%	597	0	16	0	613	4.70	3.71

Satisfaction is based on a scale of 1-7, where "1" is very dissatisfied, "4" is neutral and "7" is very satisfied.

Harvest summaries for the 2014-2023 Archery Antelope seasons

YEAR	Licenses Sold		Harvest		Success	Avg. Days Hunted	Average Satisfaction
	Resident	Nonresident	Bucks	Does			
2014	1,165	354	356	28	25%	3.94	5.19
2015	1,372	372	411	52	27%	4.07	5.26
2016	1,523	400	466	42	26%	3.80	5.33
2017	1,569	521	529	52	28%	4.00	5.44
2018	1,632	570	529	56	27%	4.17	5.43
2019	1,781	633	533	72	25%	3.79	5.40
2020	2,141	720	719	92	28%	3.81	5.28
2021	2,142	877	619	91	24%	3.90	5.19
2022	1,830	1,021	687	0	24%	4.14	4.81
2023	2,127	832	606	0	20%	3.73	4.70

2023 Archery Antelope Harvest by Management Unit

Last Revised:
19-Mar-24

Unit/County	Reported Harvest					Projected Harvest					Total	
	Adults		Fawns		Total	Adults		Fawns		Projected		
	Buck	Doe	Buck	Doe		Buck	Doe	Buck	Doe			
02A (Pennington E)	12	0	1	0	13	24	0	2	0	26	4.3%	
11A (Bennett/Oglala Lakota)	0	0	0	0	0	0	0	0	0	0	0.0%	
15A (Butte NW)	28	0	1	0	29	56	0	2	0	58	9.5%	
15B (Butte/Lawrence)	18	0	0	0	18	36	0	0	0	36	5.9%	
20A (Corson)	1	0	0	0	1	2	0	0	0	2	0.3%	
21A (Custer E /Penn C)	4	0	0	0	4	8	0	0	0	8	1.3%	
24A (Dewey)	1	0	0	0	1	2	0	0	0	2	0.3%	
27A (F River/Custer SW)	23	0	2	0	25	46	0	4	0	50	8.2%	
31A (Haakon)	3	0	0	0	3	6	0	0	0	6	1.0%	
35A (Harding W)	98	0	3	0	101	195	0	6	0	201	33.2%	
35B (Harding E)	42	0	0	0	42	84	0	0	0	84	13.8%	
36A (Hughes)	2	0	0	0	2	4	0	0	0	4	0.7%	
38A (Hyde, Hand, Buffalo)	5	0	0	0	5	10	0	0	0	10	1.6%	
39A (Jackson)	3	0	0	0	3	6	0	0	0	6	1.0%	
41A (Jones)	1	0	0	0	1	2	0	0	0	2	0.3%	
45A (Lyman)	0	0	0	0	0	0	0	0	0	0	0.0%	
45B (Ft Pr Nat Grslnd)	0	0	0	0	0	0	0	0	0	0	0.0%	
49A (Meade N)	15	0	0	0	15	30	0	0	0	30	4.9%	
49B (Meade S)	2	0	0	0	2	4	0	0	0	4	0.7%	
50A (Mellette)	0	0	0	0	0	0	0	0	0	0	0.0%	
53A (Perkins N)	6	0	0	0	6	12	0	0	0	12	2.0%	
53B (Perkins S)	23	0	0	0	23	46	0	0	0	46	7.6%	
58A (Stanley)	1	0	1	0	2	2	0	2	0	4	0.7%	
59A (Sully)	2	0	0	0	2	4	0	0	0	4	0.7%	
60A (Tripp)	0	0	0	0	0	0	0	0	0	0	0.0%	
63A (Walworth/Potter)	2	0	0	0	2	4	0	0	0	4	0.7%	
64A (Ziebach)	4	0	0	0	4	8	0	0	0	8	1.3%	
BH (Black Hills Pennington/Custer)	0	0	0	0	0	0	0	0	0	0	0.0%	
Unknown	0	0	0	0	0							
TOTALS	296	0	8	0	304	590	0	16	0	606		

Use these figures for approximations only!

2023 Projected Archery Antelope Hunter Distribution

Last Revised:
19-Mar-24

Unit Hunted Most	Reported Hunted			Projected Hunted			Total	*Opinion
	Residents	Nonresidents	Total	Residents	Nonresidents	Total	%	of Antelope Population
02A (Pennington E)	58	3	61	124	6	130	5.6%	2.0
11A (Bennett/Oglala Lakota)	0	0	0	0	0	0	0.0%	
15A (Butte NW)	58	50	108	124	93	217	9.4%	2.3
15B (Butte/Lawrence)	47	30	77	101	56	156	6.8%	2.4
20A (Corson)	9	1	10	19	2	21	0.9%	1.9
21A (Custer E /Penn C)	17	5	22	36	9	46	2.0%	2.2
24A (Dewey)	6	0	6	13	0	13	0.6%	2.3
27A (F River/Custer SW)	94	33	127	201	61	262	11.3%	2.2
31A (Haakon)	5	3	8	11	6	16	0.7%	2.4
35A (Harding W)	107	161	268	229	299	528	22.8%	2.4
35B (Harding E)	67	55	122	143	102	246	10.6%	2.3
36A (Hughes)	5	0	5	11	0	11	0.5%	2.4
38A (Hyde, Hand, Buffalo)	3	15	18	6	28	34	1.5%	2.5
39A (Jackson)	26	4	30	56	7	63	2.7%	2.1
41A (Jones)	6	0	6	13	0	13	0.6%	2.3
45A (Lyman)	0	0	0	0	0	0	0.0%	
45B (Ft Pr Nat Grslnd)	0	0	0	0	0	0	0.0%	
49A (Meade N)	37	14	51	79	26	105	4.5%	1.8
49B (Meade S)	14	6	20	30	11	41	1.8%	1.7
50A (Mellette)	3	1	4	6	2	8	0.4%	1.8
53A (Perkins N)	52	13	65	111	24	135	5.9%	2.0
53B (Perkins S)	60	15	75	128	28	156	6.8%	2.3
58A (Stanley)	9	2	11	19	4	23	1.0%	1.8
59A (Sully)	9	1	10	19	2	21	0.9%	1.9
60A (Tripp)	0	0	0	0	0	0	0.0%	
63A (Walworth/Potter)	7	0	7	15	0	15	0.6%	2.4
64A (Ziebach)	21	2	23	45	4	49	2.1%	2.2
BH (Black Hills Pennington/Custer)	0	2	2	0	4	4	0.2%	2.0
TOTALS	720	416	1,136	1,541	773	2,313		

*Opinion of antelope population, from 1=Much too low to 5=Much too high

Use these figures for approximations only!

Archery Antelope 1988-2023

