

ARCHERY ANTELOPE

There were 2,851 single-tag archery antelope licenses issued in 2022 (1,830 resident and 1,021 nonresident). The archery season ran from August 20 through October 31, except when and where a state firearm antelope season was open. All license holders were surveyed, and the response rate was 51%, with all hunters responding through the Internet.

The overall success rate for the archery season was estimated to be 24%, with 671 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 59% of all harvest.

Average hunter satisfaction was 4.81 and was based on a numerical scale from 1 (very dissatisfied) to 7 (very satisfied), 4 being neutral.

2022 Archery Antelope Harvest Projections

Last Revised: 03/17/23

Unit/Type	Residency	Licenses Available	Licenses Sold	Response Rate	Unit Success	Harvest Projections				Avg	Avg	
						Bucks	Does	Buck Kids	Doe Kids	Total Harvest	Satisfactn Rating	Days Hunted
ST1-42	Resident	Unlimited	1,830	49%	17%	305	0	8	0	313	4.49	3.97
	Nonresident	Unlimited	1,021	53%	37%	366	0	8	0	373	5.40	4.44
Totals			2,851	50.6%	24%	671	0	16	0	687	4.81	4.14

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 2013-2022 Archery Antelope seasons

YEAR	Licenses Sold		Harvest		Success	Avg. Days Hunted	Average Satisfaction
	Resident	Nonresident	Bucks	Does			
2013	1,164	280	292	38	23%	3.77	4.97
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

2022 Archery Antelope Harvest by Management Unit

Last Revised:
17-Mar-23

Unit/County	Reported Harvest					Projected Harvest					
	Adults		Fawns		Total	Adults		Fawns		Total	
	Buck	Doe	Buck	Doe		Buck	Doe	Buck	Doe	Projected	%
02A (Pennington E)	8	0	0	0	8	16	0	0	0	16	2.3%
11A (Bennett/Oglala Lakota)	0	0	0	0	0	0	0	0	0	0	0.0%
15A (Butte NW)	37	0	1	0	38	73	0	2	0	75	10.9%
15B (Butte/Lawrence)	32	0	0	0	32	63	0	0	0	63	9.2%
20A (Corson)	6	0	0	0	6	12	0	0	0	12	1.7%
21A (Custer E /Penn C)	2	0	0	0	2	4	0	0	0	4	0.6%
24A (Dewey)	5	0	0	0	5	10	0	0	0	10	1.4%
27A (F River/Custer SW)	29	0	3	0	32	57	0	6	0	63	9.2%
31A (Haakon)	0	0	0	0	0	0	0	0	0	0	0.0%
35A (Harding W)	99	0	3	0	102	195	0	6	0	201	29.2%
35B (Harding E)	34	0	0	0	34	67	0	0	0	67	9.7%
36A (Hughes)	3	0	0	0	3	6	0	0	0	6	0.9%
38A (Hyde, Hand, Buffalo)	2	0	0	0	2	4	0	0	0	4	0.6%
39A (Jackson)	2	0	0	0	2	4	0	0	0	4	0.6%
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)	20	0	0	0	20	39	0	0	0	39	5.7%
49B (Meade S)	5	0	0	0	5	10	0	0	0	10	1.4%
50A (Mellette)	1	0	0	0	1	2	0	0	0	2	0.3%
53A (Perkins N)	28	0	0	0	28	55	0	0	0	55	8.0%
53B (Perkins S)	15	0	1	0	16	30	0	2	0	31	4.6%
58A (Stanley)	2	0	0	0	2	4	0	0	0	4	0.6%
59A (Sully)	4	0	0	0	4	8	0	0	0	8	1.1%
60A (Tripp)	0	0	0	0	0	0	0	0	0	0	0.0%
63A (Walworth/Potter)	1	0	0	0	1	2	0	0	0	2	0.3%
64A (Ziebach)	4	0	0	0	4	8	0	0	0	8	1.1%
BH (Black Hills Pennington/Custer)	1	0	0	0	1	2	0	0	0	2	0.3%
Unknown	4	0	0	0	4						
TOTALS	345	0	8	0	353	671	0	16	0	687	

Use these figures for approximations only!

2022 Projected Archery Antelope Hunter Distribution

Last Revised:
20-Mar-23

Unit Hunted Most	Reported Hunted			Projected Hunted			Total	*Opinion of Antelope Population
	Residents	Nonresidents	Total	Residents	Nonresidents	Total	%	
02A (Pennington E)	42	8	50	85	15	100	4.1%	2.4
11A (Bennett/Oglala Lakota)	1	2	3	2	4	6	0.2%	2.0
15A (Butte NW)	76	64	140	155	120	275	11.2%	2.4
15B (Butte/Lawrence)	42	31	73	85	58	144	5.9%	2.1
20A (Corson)	16	3	19	33	6	38	1.6%	2.1
21A (Custer E /Penn C)	8	6	14	16	11	28	1.1%	2.1
24A (Dewey)	5	5	10	10	9	20	0.8%	2.4
27A (F River/Custer SW)	90	48	138	183	90	273	11.2%	2.2
31A (Haakon)	6	3	9	12	6	18	0.7%	2.0
35A (Harding W)	131	202	333	266	379	645	26.4%	2.4
35B (Harding E)	46	76	122	94	143	236	9.7%	2.4
36A (Hughes)	8	3	11	16	6	22	0.9%	2.6
38A (Hyde, Hand, Buffalo)	8	19	27	16	36	52	2.1%	2.7
39A (Jackson)	32	5	37	65	9	74	3.0%	2.2
41A (Jones)	5	1	6	10	2	12	0.5%	1.8
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)	30	12	42	61	23	84	3.4%	2.0
49B (Meade S)	15	5	20	31	9	40	1.6%	2.1
50A (Mellette)	4	0	4	8	0	8	0.3%	2.5
53A (Perkins N)	47	14	61	96	26	122	5.0%	2.2
53B (Perkins S)	45	13	58	92	24	116	4.7%	2.3
58A (Stanley)	12	3	15	24	6	30	1.2%	1.9
59A (Sully)	20	1	21	41	2	43	1.7%	2.2
60A (Tripp)	0	0	0	0	0	0	0.0%	
63A (Walworth/Potter)	4	0	4	8	0	8	0.3%	2.0
64A (Ziebach)	16	3	19	33	6	38	1.6%	2.0
BH (Black Hills Pennington/Custer)	2	4	6	4	8	12	0.5%	2.3
TOTALS	711	531	1,242	1,446	997	2,442		

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

Use these figures for approximations only!

Archery Antelope 1988-2022

