

FIREARM ANTELOPE

A total of 2,387 licenses (2,335 resident; 52 nonresident) were available for the 2023 Firearm Antelope hunting season. Including Landowner Own Land licenses, a total of 2,730 licenses were sold representing 2,873 total tags. The 2023 season was open from September 30 through October 15.

All hunters that provided a valid email address were surveyed using Survey123 software, and 1,609 surveys were returned for a 62% response rate.

Respondents reported hunting an average of 2.25 days each, which projects to 6,137 total recreation days for the season.

The harvest projections for the season included 1,687 adult bucks, 68 adult does, 31 buck-kids, and 3 doe-kids for a total of 1,788 antelope. The estimated overall tag success for the season was 62%.

Harvest summaries for the 2016-2023 Firearm Antelope seasons

YEAR	Licenses Sold		Harvest			Success	Avg. Days Hunted	Average Satisfaction
	Resident	Nonres	Bucks	Does	Total			
2016	3,266	62	2,112	350	2,461	70%	2.04	5.42
2017	5,286	146	2,692	1,093	3,784	64%	2.22	5.26
2018	5,412	127	2,845	1,000	3,845	63%	2.12	5.27
2019	5,096	139	2,629	1,249	3,878	64%	1.91	5.33
2020	5,139	140	2,416	1,272	3,687	60%	2.13	5.06
2021	5,047	160	2,401	1,152	3,552	59%	2.13	5.11
2022	2,684	61	1,721	86	1,807	63%	2.19	4.98
2023	2,672	58	1,718	71	1,788	62%	2.25	4.89

2023 Firearm Antelope Harvest Projections

Unit Description	Unit-Type	Residents				Nonresidents				Response Rate	Tag Success	Hunter Success	Harvest Projections					Mean Satisf	Avg Days Hunted	**Opinion of Antelope Population		
		Appl. 1st		Sold	Appl. 1st		Sold	Success	1st tag				2nd tag	Adults		Kids					Total Harvest	CI (95%)
		Choice *	Available		Choice *	Available								Bucks	Does	Bucks	Does					
Pennington E	02A-42	269	50	46	22	1	1	72%	76%	76%	76%	36	0	0	0	36	+/-4	5.41	1.65	2.3		
Bennett/Oglala Lakota	11A-42	113	50	49	5	1	0	55%	52%	52%	52%	25	0	0	0	25	+/-6	3.82	1.96	1.9		
Butte NW	15A-42	311	50	44	40	1	1	50%	77%	77%	77%	35	0	0	0	35	+/-6	5.59	2.52	2.2		
Butte/Lawrence	15B-42	724	200	196	78	4	4	71%	77%	77%	77%	153	0	1	0	154	+/-7	5.45	2.21	2.4		
Corson	20A-42	167	70	71	24	2	2	55%	67%	67%	67%	47	0	2	0	49	+/-7	4.28	3.08	1.8		
Custer E /Penn C	21A-42	252	100	97	20	2	3	69%	64%	64%	64%	64	0	0	0	64	+/-6	4.49	2.71	2.1		
Dewey	24A-42	77	50	49	5	1	1	53%	56%	56%	56%	28	0	0	0	28	+/-7	4.83	2.28	1.9		
F River/Custer SW	27A-42	1,427	400	379	217	8	8	66%	70%	70%	70%	267	0	5	0	271	+/-13	5.04	2.00	2.2		
Haakon	31A-42	118	50	47	7	1	1	77%	54%	54%	54%	26	0	0	0	26	+/-4	5.12	2.08	2.4		
Harding W	35A-42	814	150	141	219	3	2	69%	76%	76%	76%	108	0	0	0	108	+/-7	5.13	2.01	2.2		
Harding E	35B-42	702	150	144	135	3	3	74%	85%	85%	85%	122	0	3	0	125	+/-5	5.50	2.14	2.3		
Hughes	36A-42	50	15	15	3	1	1	63%	60%	60%	60%	10	0	0	0	10	+/-3	5.56	2.60	2.0		
Hand/Hyde/Bufalo	38A-42	35	10	9	2	1	1	60%	17%	17%	17%	2	0	0	0	2	+/-2	5.00	1.83	1.8		
Jackson	39A-42	218	50	49	15	1	1	71%	74%	74%	74%	37	0	0	0	37	+/-4	5.21	2.20	2.3		
Jones	41A-42	60	40	39	4	1	1	55%	32%	32%	32%	13	0	0	0	13	+/-5	3.90	2.95	1.7		
Meade N	49A-42	559	300	292	61	6	7	63%	63%	63%	63%	176	0	13	0	188	+/-12	4.90	2.01	2.0		
Meade S	49B-42	309	200	199	26	4	4	52%	58%	58%	58%	116	0	2	0	118	+/-13	4.62	2.46	1.9		
Mellette/Todd	50A-42	75	30	30	6	2	2	47%	53%	53%	53%	17	0	0	0	17	+/-6	5.23	2.00	1.8		
Perkins N	53A-42	387	50	50	64	1	1	68%	88%	88%	88%	45	0	0	0	45	+/-3	4.67	3.22	2.2		
Perkins S	53B-42	428	100	97	36	2	2	67%	83%	83%	83%	82	0	0	0	82	+/-5	5.53	1.53	2.6		
Stanley	58A-42	96	40	39	4	1	1	53%	57%	57%	57%	23	0	0	0	23	+/-6	4.33	2.10	2.3		
Sully	59A-42	64	20	17	5	1	0	81%	46%	46%	46%	8	0	0	0	8	+/-2	4.60	1.44	1.9		
Campbell/Walworth/Potter	63A-42	35	10	10	0	1	1	55%	50%	50%	50%	6	0	0	0	6	+/-3	4.50	1.50	1.8		
Ziebach	64A-42	201	150	148	18	3	3	65%	64%	64%	64%	97	0	0	0	97	+/-8	4.91	2.09	2.3		
Landowner Own Land	ST1-41	NA	Unltd	275	NA	Unltd	4	32%	39%	39%	39%	102	6	0	0	109	+/-23	4.30	2.72			
	ST1-48	NA	Unltd	140	NA	Unltd	3	36%	40%	53%	49%	45	62	6	3	115	+/-31	4.74	2.48			
Totals		7,491	2,335	2,672	1,016	52	58	60%	62%	66%		1,687	68	31	3	1,788	+/-197	4.89	2.25			

* Number of 1st drawing applicants with that Unit/Type as 1st choice.

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

2023 Antelope LOL Harvest Distribution

Last Revised:
27-Feb-24

Unit	Reported Harvest					Projected Harvest					Total	
	Bucks	Does	Buck kids	Doe kids	Total	Bucks	Does	Buck kids	Doe kids	Projected	%	
Pennington E	02A	4	0	0	0	4	12	0	0	0	12	5.4%
Bennett/Oglala Lakota	11A	1	0	0	0	1	3	0	0	0	3	1.3%
Butte NW	15A	1	0	0	0	1	3	0	0	0	3	1.3%
Butte/Lawrence	15B	1	6	0	0	7	3	17	0	0	20	8.9%
Corson	20A	0	1	0	0	1	0	3	0	0	3	1.3%
Custer E /Penn C	21A	1	2	0	0	3	3	6	0	0	9	3.9%
Dewey	24A	0	0	0	0	0	0	0	0	0	0	0.0%
F River/Custer SW	27A	1	0	0	0	1	3	0	0	0	3	1.3%
Haakon	31A	3	0	0	0	3	9	0	0	0	9	4.0%
Harding W	35A	4	1	0	0	5	12	3	0	0	15	6.6%
Harding E	35B	4	0	0	0	4	12	0	0	0	12	5.4%
Hughes	36A	0	0	0	0	0	0	0	0	0	0	0.0%
Hand/Hyde/Bufalo	38A	0	0	0	0	0	0	0	0	0	0	0.0%
Jackson	39A	2	0	0	0	2	6	0	0	0	6	2.7%
Jones	41A	3	0	0	0	3	9	0	0	0	9	4.0%
Meade N	49A	2	1	0	0	3	6	3	0	0	9	4.0%
Meade S	49B	3	1	0	0	4	9	3	0	0	12	5.3%
Mellette/Todd	50A	2	0	0	0	2	6	0	0	0	6	2.7%
Perkins N	53A	4	1	0	1	6	12	3	0	3	18	7.9%
Perkins S	53B	7	8	2	0	17	21	23	6	0	49	22.0%
Stanley	58A	3	1	0	0	4	9	3	0	0	12	5.3%
Sully	59A	1	0	0	0	1	3	0	0	0	3	1.3%
Walworth/Potter	63A	1	0	0	0	1	3	0	0	0	3	1.3%
Ziebach	64A	1	2	0	0	3	3	6	0	0	9	3.9%
Unknown		0	0	0	0	0						
TOTALS		49	24	2	1	76	147	68	6	3	223	

Any by county projected harvest values will differ from by unit projected harvest values due to incorrect sampling proportions within counties.
Use these figures for approximations only!

2023 Projected LOL Antelope Hunter Distribution

Last Revised:
20-May-24

Unit Hunted Most	Reported Hunted			Projected Hunted			*Opinion of Antelope	
	Residents	Nonresidents	Total	Residents	Nonresidents	Total	%	Population
02A (Pennington E)	4	0	4	11	0	11	3.3%	2.3
11A (Bennett/Oglala Lakota)	5	0	5	14	0	14	4.1%	2.0
15A (Butte NW)	2	0	2	6	0	6	1.6%	1.5
15B (Butte/Lawrence)	7	0	7	20	0	20	5.7%	2.5
20A (Corson)	1	0	1	3	0	3	0.8%	1.0
21A (Custer E /Penn C)	4	1	5	11	1	13	3.7%	2.8
24A (Dewey)	0	0	0	0	0	0	0.0%	
27A (F River/Custer SW)	4	0	4	11	0	11	3.3%	2.0
31A (Haakon)	6	0	6	17	0	17	4.9%	2.4
35A (Harding W)	8	0	8	22	0	22	6.6%	3.0
35B (Harding E)	7	0	7	20	0	20	5.7%	2.8
36A (Hughes)	3	0	3	8	0	8	2.5%	1.7
38A (Hyde, Hand, Buffalo)	0	0	0	0	0	0	0.0%	
39A (Jackson)	4	0	4	11	0	11	3.3%	2.3
41A (Jones)	2	1	3	6	1	7	2.0%	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)	12	0	12	34	0	34	9.8%	1.5
49B (Meade S)	10	0	10	28	0	28	8.2%	1.4
50A (Mellette)	3	0	3	8	0	8	2.5%	2.3
53A (Perkins N)	8	1	9	22	1	24	7.0%	2.7
53B (Perkins S)	14	0	14	39	0	39	11.5%	3.1
58A (Stanley)	6	1	7	17	1	18	5.3%	1.4
59A (Sully)	6	0	6	17	0	17	4.9%	2.5
60A (Tripp)	0	0	0	0	0	0	0.0%	
63A (Walworth/Potter)	1	0	1	3	0	3	0.8%	1.0
64A (Ziebach)	3	0	3	8	0	8	2.5%	2.3
TOTALS	120	4	124	336	6	342		

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

Use these figures for approximations only!

Firearm Antelope 1976-2023

