

# **FIREARM ANTELOPE**

A total of 15,361 licenses were available (14,215 resident, 1,146 nonresident) for the 2008 Firearm Antelope hunting season. A total of 12,833 licenses were sold (11,443 resident, 1,390 nonresident) representing 33,835 total tags.

The primary Firearm Antelope season was open 16 days from October 4-19. Any unsold or unfilled tags in the units in Butte, Meade, Harding and Perkins Counties converted to "doe/kid" tags and were valid in any of those four units during the West River Deer season, which was open November 8-30, 2008 and January 1-9, 2009 in those units.

A random sample of 4,630 hunters was taken from total license sales and 3,795 surveys were returned for an 82% response rate. Approximately 43% responded over the Internet.

Respondents reported hunting an average of 2.43 days each, which projected to 29,999 total recreation days for the season. Of those responding, 6.9% reported they did not hunt at all.

The harvest projection for the season was 6,392 adult bucks, 7,859 adult does, 1,150 kid bucks, and 1,655 kid does for a total of 17,056 antelope. The projected overall success for the season was 50%. From hunter reports, an estimated 1,019 doe/kid antelope were harvested during the November and January West River Deer seasons. An estimated 111 doe/kid antelope were harvested during the extended seasons in units outside the original unit in which the license was valid.

## Harvest summaries for the 1999-2008 Firearm Antelope seasons

<b>YEAR</b>	<b>Licenses Sold</b>		<b>Harvest</b>			<b>Success</b>	<b>Avg. Days Hunted</b>	<b>Average Satisfaction</b>
	<b>Resident</b>	<b>Nonres</b>	<b>Bucks</b>	<b>Does</b>	<b>Total</b>			
1999	3,651	0	1,882	745	2,627	72%	1.90	4.98
2000	4,165	0	2,194	1,148	3,342	71%	1.71	5.31
2001	4,651	314	3,006	1,650	4,656	70%	1.82	5.30
2002	4,495	318	2,957	1,487	4,444	68%	1.92	5.39
2003	5,340	419	3,671	2,277	5,948	70%	2.04	5.39
2004	5,783	448	3,900	3,132	7,032	71%	2.07	5.36
2005	7,150	659	4,633	4,188	8,821	64%	1.82	5.62
2006	8,540	812	6,213	5,586	11,799	67%	2.08	5.08
2007	10,174	1,070	7,123	6,546	13,669	62%	2.23	5.28
2008	11,443	1,390	7,542	9,514	17,056	50%	2.43	5.11

# 2008 Firearm Antelope Harvest Projections

Last Revised: 9 April 2009

Unit Description	Unit	Type	Residents			Nonresidents			Tags Sold	Response Rate	Harvest Projections					Mean Satisf Score	Avg Days Hunted				
			Appl. 1st		Sold	Appl. 1st		Sold			Success			Adults				Kids		Total Harvest	
			Choice *	Available		Choice *	Available				1st tag	2nd tag	3rd tag	Bucks	Does			Bucks	Does		
Pennington NE	02A	48	37	80	65	3	7	5	140	81%	#	43%	37%	27	18	9	4	58	4.81	2.17	
Pennington SE	02C	48	184	100	100	12	8	8	216	89%	#	72%	63%	74	49	9	12	145	5.37	2.16	
	02C	49	3	100	51	1	8	3	108	84%	#	70%	56%	2	56	4	9	70	5.08	2.30	
Bennett/Shannon	11A	48	82	60	60	7	5	5	130	82%	#	78%	46%	48	26	5	1	80	5.24	3.14	
Corson1	20A	48	244	150	150	17	12	11	322	80%	#	75%	55%	114	63	15	14	207	5.46	1.95	
	20A	49	3	150	40	3	12	8	96	95%	#	67%	28%	3	26	13	7	48	5.41	2.00	
Corson2	20E	48	51	150	141	6	12	11	304	92%	#	65%	37%	78	54	14	7	154	5.22	2.44	
	20E	49	1	150	3	1	12	1	8	100%	#	50%	0%	0	2	0	0	2	6.00	2.00	
Custer/Penn C	21A	48	179	125	125	9	10	10	270	90%	#	73%	44%	101	51	7	7	165	5.25	2.94	
	21A	49	9	50	55	0	4	3	116	93%	#	44%	24%	0	32	5	2	40	4.87	3.12	
Dewey1	24A	48	72	100	107	1	8	8	230	81%	#	43%	24%	51	21	4	5	86	4.89	2.02	
	24A	49	1	50	5	0	4	0	10	100%	#	67%	33%	0	3	0	2	0	5.67	2.67	
Dewey2	24E	48	23	50	43	2	4	2	90	78%	#	48%	38%	20	14	5	0	43	5.05	2.43	
	24E	49	0	50	0	2	4	3	6	100%	#	100%	0%	0	3	0	0	0	7.00	3.00	
F River/Custer SW1	27A	48	857	400	401	70	32	32	866	80%	#	59%	38%	255	118	17	31	414	4.52	2.10	
	27A	49	29	400	257	31	32	56	626	86%	#	69%	45%	0	257	27	54	351	5.23	2.12	
F River/Custer SW2	27E	48	197	400	400	27	32	30	860	91%	#	43%	35%	182	120	35	0	329	4.21	2.61	
	27E	49	17	400	58	3	32	19	154	85%	#	45%	18%	0	34	7	6	48	4.90	2.36	
Haakon	31A	48	87	200	150	11	16	16	332	78%	#	46%	42%	70	57	9	13	149	4.38	2.77	
Hughes/Hyde	36A	41	47	70	80	1	6	2	82	82%	#	52%		33	9	0	1	43	4.55	2.37	
Jackson	39A	48	212	200	200	28	16	16	432	84%	#	58%	53%	113	88	18	19	238	4.39	2.22	
	39A	49	0	100	27	2	8	7	68	83%	#	67%	20%	0	23	2	5	30	5.14	1.93	
Jones	41A	48	99	150	141	15	12	16	314	82%	#	75%	54%	110	77	5	7	199	5.22	2.28	
	41A	49	5	30	8	1	3	2	20	88%	#	100%	57%	1	16	0	0	17	5.71	2.43	
Lyman	45A	48	100	150	147	3	12	6	306	88%	#	51%	46%	73	62	7	11	153	4.80	2.23	
	45A	49	9	75	11	1	6	2	26	89%	#	75%	50%	0	16	0	2	18	4.88	2.00	
Ft Pr Nat Grslnd	45B	48	210	30	35	8	3	3	76	95%	#	43%	24%	16	7	0	2	25	4.63	2.24	
	45B	49	34	80	80	9	7	7	174	93%	#	56%	26%	0	45	13	15	73	4.20	2.64	
Mellette	50A	48	49	125	91	7	10	7	196	89%	#	58%	36%	48	29	9	3	89	5.00	2.44	
	50A	49	0	30	2	1	3	2	8	67%	#	0%	0%	0	0	0	0	0	6.00	2.50	
Stanley	58A	43	8	40	18	0	4	7	25	58%	#	57%		0	13	0	0	15	6.14	2.29	
	58A	48	89	100	105	4	8	3	216	80%	#	48%	31%	54	27	7	0	88	5.04	2.02	
Sully	59A	48	86	40	43	1	4	1	88	84%	#	69%	41%	29	12	3	2	44	5.13	2.28	
	59A	49	2	40	38	0	4	0	76	85%	#	47%	24%	0	16	0	6	24	4.47	2.59	
Tripp	60A	48	37	40	43	1	4	1	88	90%	#	56%	42%	22	11	8	3	44	4.76	2.58	
	60A	49	3	20	8	0	2	0	16	88%	#	71%	57%	0	6	2	3	10	5.00	2.14	
Walworth/Potter	63A	48	74	40	40	5	4	4	88	74%	#	46%	32%	18	13	0	0	31	4.78	2.57	
	63A	49	7	40	37	2	4	2	78	81%	#	52%	44%	0	29	1	4	34	4.48	2.56	
Ziebach 1	64A	48	287	200	200	22	16	16	432	82%	#	77%	52%	159	93	6	12	269	5.05	2.06	
	64A	49	2	50	35	8	4	6	82	90%	#	56%	33%	0	25	8	0	35	4.56	2.56	
Ziebach 2	64E	48	43	200	143	5	16	24	334	84%	#	62%	49%	97	70	3	8	177	5.29	2.23	
	64E	49	0	50	4	0	4	4	16	100%	#	100%	50%	4	7	3	0	15	7.00	2.00	
Butte NW1	15A	44	395	350	348	39	28	28	1,128	77%	#	71%	54%	247	253	54	85	639	5.69	2.39	
	15A	45	5	100	45	9	8	17	186	81%	#	65%	35%	6%	0	42	8	18	66	5.53	2.47
Butte NW2	15E	44	67	250	180	5	20	32	636	77%	#	61%	49%	113	101	4	19	239	4.92	3.11	
	15E	45	2	50	6	3	4	9	45	100%	#	69%	50%	15%	0	6	0	6	12	6.00	2.80
Butte/Lawrence1	15B	44	873	500	499	84	40	40	1,617	82%	#	56%	31%	16%	316	322	74	90	801	5.67	2.04
	15B	45	14	250	161	27	20	31	576	79%	#	40%	40%	0%	0	163	48	52	261	5.32	3.12
Butte/Lawrence2	15F	44	177	450	456	37	36	49	1,515	80%	#	52%	45%	28%	256	335	39	57	688	5.10	2.39
	15F	45	5	200	27	7	16	18	135	60%	#	67%	33%	17%	0	30	0	23	54	4.33	2.83
Harding W1	35A	44	874	400	403	171	32	34	1,311	86%	#	78%	61%	32%	343	315	27	52	737	5.80	1.92
	35A	45	25	350	219	38	28	64	849	86%	#	84%	51%	27%	0	337	34	76	449	5.38	2.73
Harding W2	35E	44	272	550	578	96	44	57	1,905	81%	#	82%	58%	32%	394	426	41	65	927	5.57	2.52
	35E	45	2	100	34	13	8	22	168	78%	#	75%	63%	34%	0	69	28	24	118	5.83	2.29
Harding E1	35B	44	917	500	499	132	40	40	1,617	84%	#	65%	46%	31%	447	362	30	92	917	5.27	2.10
	35B	45	17	250	177	31	20	44	663	80%	#	71%	71%	71%	7	243	65	38	369	5.71	2.28
Harding E2	35F	44	273	500	499	60	40	40	1,617	81%	#	64%	44%	27%	354	322	34	60	761	5.46	2.53
	35F	45	9	200	55	6	16	33	264	54%	#	86%	57%	43%	0	84	21	46	158	4.17	3.00
Meade N1	49A	44	745	350	349	115	28	28	1,131	87%	#	69%	57%	34%	255	262	51	49	616	5.33	2.31
	49A	45	23	200	174	7	16	25	597	66%	#	67%	51%	28%	5	184	26	69	286	4.97	2.36
Meade N2	49E	44	138	450	442	37	36	48	1,470	84%	#	63%	47%	30%	309	363	39	41	751	5.45	2.42
	49E	45	4	100	12	10	8	15	81	100%	#	50%	0%	0%	0	38	0	8	46	6.57	2.86
Meade S1	49B	44	224	325	310	16	26	30	1,020	80%	#	67%	53%	33%	213	265	24	28	530	5.36	2.73
	49B	45	5	100	13	3	8	3	48	33%	#	86%	57%	29%	0	8	0	0	8	6.50	2.50
Meade S2	49F	44	35	175	72	3	14	11	249	68%	#	48%	29%	14%	44	38	4	0	87	4.89	2.62
	49F	45	0	100	7	0	8	0	21	100%	#	100%	0%	0%	0	7	0	0	7	7.00	2.00
Perkins N1	53A	44	576	300	299	93	24	24	969	81%	#	53%	44%	22%	179	162	44	36	416	4.93	2.38
	53A	45	12	200	135	28	16	39	522	81%	#	76%	59%	21%	0	163	28	82	280	4.69	2.74

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Unit Description	Unit	Type	Residents			Nonresidents			Harvest Projections							Mean Satisf	Avg Days Hunted		
			Appl. 1st		Sold	Appl. 1st		Sold	Success			Adults		Kids				Total Harvest	
			Choice *	Available		Choice *	Available		1st tag	2nd tag	3rd tag	Bucks	Does	Bucks	Does				
Perkins N2	53E	44	120	400	316	22	32	47	1,089	84%	55%	25%	195	203	49	52	496	5.27	3.08
	53E	45	2	100	9	7	8	13	66	93%	86%	50%	0	28	0	0	30	3.67	3.33
Perkins S1	53B	44	710	500	499	106	40	40	1,617	55%	41%	29%	437	314	53	52	845	5.32	2.15
	53B	45	19	200	115	34	16	58	519	33%	33%	33%	0	295	19	50	373	5.64	2.25
Perkins S2	53F	44	156	550	445	32	44	65	1,530	63%	47%	31%	299	298	21	85	702	4.97	2.42
	53F	45	3	100	12	9	8	17	87	100%	67%	33%	0	44	0	9	55	5.67	2.33
Landowner Own Land	ST1	41		Unltd	140				140	64%			81	5	0	3	88	5.20	2.18
	ST1	48		Unltd	161				322	67%	40%		98	69	4	11	183	4.94	2.53
<b>Totals</b>			<b>10,178</b>	<b>14,215</b>	<b>11,443</b>	<b>1,610</b>	<b>1,146</b>	<b>1,390</b>	<b>33,835</b>	<b>1st tag</b>	<b>2nd tag</b>	<b>3rd tag</b>	<b>8,402</b>	<b>7,858</b>	<b>1,149</b>	<b>1,656</b>	<b>17,057</b>	<b>5.11</b>	<b>2.43</b>
										Type 44:	65%	49%	29%						
										Type 45:	76%	56%	28%						
										Type 48:	59%	43%							
										Type 49:	61%	35%							

The response rate for all units combined is: **81.9%**  
# These units showed less than 85% response so harvest projections may not be within (+/-) 15% of sample statistic  
Satisfaction is based on a scale of 1-7, where "1" is most dissatisfied, "4" is neutral and "7" is most satisfied.  
\* Number of 1st drawing applicants with that season as 1st choice.

## 2008 Firearm Antelope Harvest Projections

Last Revised: 9 April 2009

Unit	Hunters	Residents		Nonresidents		Tags Sold	Response Rate	Unit/Subunit	Harvest Projections				Total Harvest	Avg Satisf	Avg Days Hunted	
		Available	Sold	Available	Sold				Success	Adults		Kids				
									Bucks	Does	Bucks	Does				
Bennett/Shannon	65	60	60	5	5	130	82%	#	62%	48	26	5	1	80	5.24	3.14
Corson	358	600	334	48	31	730	87%		56%	195	145	42	29	411	5.39	2.13
Custer E /Penn C	191	175	180	14	13	386	89%		53%	101	83	12	9	205	5.18	3.02
Dewey	161	250	155	20	13	336	81%	#	38%	71	42	9	7	129	5.02	2.24
Fall River /Custer SW	1,169	1,600	1,116	128	137	2,506	86%		46%	437	528	86	91	1,142	4.61	2.38
Ft Pr Nat Grslnd	123	110	115	10	10	250	94%		39%	16	52	13	17	98	4.29	2.57
Haakon	160	200	150	16	16	332	77%	#	45%	70	57	9	13	149	4.49	2.74
Hughes/Hyde	76	70	80	6	2	82	81%	#	52%	33	9	0	1	43	4.49	2.44
Jackson	247	300	227	24	23	500	84%	#	54%	113	111	20	24	268	4.47	2.22
Jones	162	180	149	15	18	334	84%	#	65%	111	93	5	7	216	5.27	2.32
Lyman	159	225	158	18	8	332	89%		52%	73	78	7	13	171	4.82	2.36
Mellette	98	155	93	13	9	204	88%		44%	48	29	9	3	89	5.07	2.39
Pennington NE	70	80	65	7	5	140	81%	#	41%	27	18	9	4	58	4.64	2.29
Pennington SE	159	200	151	16	11	324	88%		66%	76	105	13	21	215	5.26	2.24
Stanley	131	140	123	12	10	241	78%	#	43%	54	40	7	2	103	5.08	2.06
Sully	75	80	81	8	1	164	82%	#	41%	29	28	3	8	68	4.87	2.29
Tripp	52	60	51	6	1	104	90%		52%	22	17	10	5	54	4.80	2.51
Walworth/Potter	82	80	77	8	6	166	78%	#	39%	18	42	1	4	65	4.58	2.76
Ziebach	412	500	382	40	50	864	85%		57%	260	196	20	20	496	5.04	2.16
Butte NW	640	750	579	60	86	1,995	78%	#	48%	360	402	66	129	957	5.48	2.64
Butte/Lawrence	1,226	1,400	1,143	112	138	3,843	80%	#	47%	572	850	160	222	1,804	5.38	2.35
Harding E	1,352	1,450	1,230	116	157	4,161	81%	#	53%	808	1,010	151	236	2,205	5.37	2.34
Harding W	1,354	1,400	1,234	112	177	4,233	84%	#	53%	737	1,148	130	217	2,232	5.62	2.36
Meade N	1,053	1,100	977	88	116	3,279	82%	#	52%	569	848	116	167	1,700	5.37	2.40
Meade S	429	700	402	56	44	1,338	77%	#	47%	257	319	28	28	632	5.37	2.72
Perkins N	865	1,000	759	80	123	2,646	80%	#	46%	374	557	121	169	1,221	5.04	2.75
Perkins S	1,175	1,350	1,071	108	180	3,753	81%	#	53%	736	951	93	195	1,975	5.24	2.27
Landowner Own Land	301	Unltd	301	0	0	462	74%	#	59%	179	74	4	14	271	5.06	2.36
<b>Totals</b>	<b>12,345</b>	<b>14,215</b>	<b>11,443</b>	<b>1,146</b>	<b>1,390</b>	<b>33,835</b>	<b>82.0%</b>	<b>#</b>	<b>50%</b>	<b>6,394</b>	<b>7,858</b>	<b>1,149</b>	<b>1,656</b>	<b>17,057</b>	<b>5.11</b>	<b>2.43</b>
										<b>37.5%</b>	<b>46.1%</b>	<b>6.7%</b>	<b>9.7%</b>	<b>100%</b>		

# These units showed less than 85% response so harvest projections may not be within (+/-) 15% of sample statistic  
The response rate for all units combined is: **82.0%**  
Satisfaction is based on a scale of 1-7, where "1" is very dissatisfied, "4" is neutral and "7" is very satisfied.

**2008 NW Units Firearm Antelope harvest by date**

	Total	Oct 4-19	Nov 8-30	January 1-9
Reports	2,747	2,517	166	64
Percent of total		92%	6%	2%
Projected	12,726	11,708	764	255

**2008 NW Units Firearm Antelope Doe/Kid harvest by date**

	Total	Oct 4-19	Nov 8-30	January 1-9
Reports	1,809	1,579	166	64
Percent of total		88%	9%	3%
Projected	8,313	7,294	764	255

**Firearm Antelope 1976-2008**

