

# Abert's Squirrel Harvest 2004/05

A post-season harvest survey was conducted by phone.

A stratified random sample of 2500 Abert's squirrel hunters was drawn from among HIP participants. 1688 hunters were contacted (67% response rate).

Of those surveyed, 74 or 4% reported they had hunted Abert's squirrel.

88% (65) reported being satisfied with their Abert's squirrel hunting experience.

Harvest results are provided by strata, county and GMU.

***Statewide harvest estimate = 603 ± 18 (585 - 621).***

## **Comparison with 2003 survey results:**

Harvest was up from 2003 when an estimated 548 ± 25 Abert's were harvested. Hunter numbers increased slightly from 334 ± 65 in 2003 to 383 ± 212 in 2004 and days hunted decreased from an estimated 1599 ± 118 to 1315 ± 72. The difference in harvest and days hunted is statistically significant at the 95% confidence level, but the estimated number of hunters is not.

## **Harvest by Strata, County and GMU**

Summary tables provide estimates of hunter numbers, days in the field and Abert's squirrel harvest by strata, county and gm. Estimates are followed by the standard error of the estimate, and 95% upper (UCI) and lower (LCI) confidence intervals around the estimate. For example, the estimated number of Abert's squirrel hunters in Archuleta County is 9 plus or minus 1.96(SE) or 1.96(4)=8. The range of the estimate is 1 to 17. Estimates of days in the field, harvest and wounding loss are interpreted the same way. State totals are given at the bottom of each column.

**(The output wraps around.)**

## Abert's Squirrel Harvest 2004

strata	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Will not hunt	135	8.00	135	8.00
Somewhat likely	1242	73.58	1377	81.58
Very likely	311	18.42	1688	100.00

### Hunted during Season?

hunt	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	74	4.38	74	4.38
No	1614	95.62	1688	100.00

### Table of Strata by Hunt

strata	hunt(Hunted during season?)		
Frequency			
Percent			
Row Pct			
Col Pct	Yes	No	Total
Will not hunt	1	134	135
	0.06	7.94	8.00
	0.74	99.26	
	1.35	8.30	
Somewhat likely	33	1209	1242
	1.95	71.62	73.58
	2.66	97.34	
	44.59	74.91	
Very likely	40	271	311
	2.37	16.05	18.42
	12.86	87.14	
	54.05	16.79	
Total	74	1614	1688
	4.38	95.62	100.00

### Satisfied with Hunt?

satisfy	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Strongly Dis.	3	4.05	3	4.05
Somewhat Dis.	3	4.05	6	8.11
Slightly Dis.	2	2.70	8	10.81
Neutral	1	1.35	9	12.16
Slightly Sat.	3	4.05	12	16.22
Somewhat Sat.	22	29.73	34	45.95
Strongly Sat.	40	54.05	74	100.00

### Harvest by Strata

strata	Hunters	SE(Hunters)	LCI (Hunters)	UCI (Hunters)
Will not hunt	105	105	-100	311
Somewhat likely	151	23	106	196
Very likely	126	15	96	157
<b>Total</b>	<b>383</b>	<b>108</b>	<b>171</b>	<b>595</b>

Days Hunted	SE(Days Hunted)	LCI(Days Hunted)	UCI(Days Hunted)	Harvest	SE(Harvest)	LCI (Harvest)
316	7	303	330	316	7	303
376	1	374	378	60	0	59
622	37	550	694	227	6	216
<b>1315</b>	<b>37</b>	<b>1241</b>	<b>1388</b>	<b>603</b>	<b>9</b>	<b>586</b>

UCI (Harvest)	Not Retrieved	SE(Not Ret.)	LCI(Not. Ret.)	UCI(Not. Ret.)
330	0	0	0	0
60	9	0	9	9
239	0	0	0	0
<b>621</b>	<b>9</b>	<b>0</b>	<b>9</b>	<b>9</b>

### Harvest by Counties

County	Hunters	SE(Hunters)	LCI (Hunters)	UCI (Hunters)	Days Hunted
Archuleta	9	4	1	18	38
Boulder	19	7	4	33	42
Chaffee	8	5	-2	17	8
Clear Creek	6	4	-1	14	9
Dolores	5	4	-3	13	18
Douglas	25	9	7	42	48
El Paso	14	6	2	26	245
Fremont	8	5	-2	17	11
Garfield	5	4	-3	13	14
Gilpin	3	3	-2	8	6
Gunnison	5	4	-3	13	12
Hinsdale	3	3	-2	8	3
Jackson	9	6	-2	20	14

SE(Days Hunted)	LCI(Days Hunted)	UCI(Days Hunted)	Harvest	SE(Harvest)	LCI (Harvest)
0	37	39	0	0	0
0	42	43	3	0	3
0	8	8	6	0	6
0	9	10	32	1	30
0	18	18	0	0	0
0	48	48	9	0	9
32	182	307	63	2	59
0	11	11	0	0	0
0	14	14	0	0	0
0	6	6	9	0	9
0	12	12	0	0	0
0	3	3	0	0	0
0	14	14	0	0	0

UCI (Harvest)	Not Retrieved	SE(Not Ret.)	LCI(Not. Ret.)	UCI(Not. Ret.)
0	0	0	0	0
3	0	0	0	0
6	0	0	0	0
33	0	0	0	0
0	0	0	0	0
9	0	0	0	0
68	0	0	0	0
0	0	0	0	0
0	0	0	0	0
10	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0

### Harvest by Counties (con't)

County	Hunters	SE(Hunters)	LCI (Hunters)	UCI (Hunters)	Days Hunted
Jefferson	12	6	-0	25	26
La Plata	8	5	-2	17	46
Larimer	37	11	16	58	100
Las Animas	5	4	-3	13	18
Mesa	11	5	0	22	28
Park	48	12	25	71	233
Pueblo	8	5	-2	17	17
Rio Grande	5	4	-3	13	46
Saguache	105	105	-100	311	211
Summit	3	3	-2	8	13
Teller	24	8	9	38	108
<b>State Total</b>	<b>383</b>	<b>108</b>	<b>171</b>	<b>595</b>	<b>1315</b>

SE(Days Hunted)	LCI(Days Hunted)	UCI(Days Hunted)	Harvest	SE(Harvest)	LCI (Harvest)
0	26	26	0	0	0
1	44	47	25	0	25
0	100	101	45	0	44
0	18	18	0	0	0
0	28	28	0	0	0
2	230	236	71	2	67
0	17	17	0	0	0
0	45	46	0	0	0
3	205	217	316	7	303
0	12	13	0	0	0
1	106	110	23	0	23
<b>37</b>	<b>1241</b>	<b>1388</b>	<b>603</b>	<b>9</b>	<b>586</b>

UCI (Harvest)	Not Retrieved	SE(Not Ret.)	LCI(Not. Ret.)	UCI(Not. Ret.)
0	0	0	0	0
26	0	0	0	0
45	9	0	9	9
0	0	0	0	0
0	0	0	0	0
75	0	0	0	0
0	0	0	0	0
0	0	0	0	0
330	0	0	0	0
0	0	0	0	0
23	0	0	0	0
<b>621</b>	<b>9</b>	<b>0</b>	<b>9</b>	<b>9</b>

### Harvest by GMU

GMU	Hunters	SE(Hunters)	LCI (Hunters)	UCI (Hunters)	Days Hunted
6	5	4	-3	13	9
7	8	5	-2	17	15
8	8	5	-2	17	17
9	5	4	-3	13	9
16	5	4	-3	13	5
19	9	6	-2	20	28
20	22	8	7	37	69
29	5	4	-3	13	5
31	5	4	-3	13	9
33	5	4	-3	13	14
36	3	3	-2	8	13
38	8	5	-2	17	15
39	6	4	-1	14	9

SE(Days Hunted)	LCI(Days Hunted)	UCI(Days Hunted)	Harvest	SE(Harvest)	LCI (Harvest)
0	9	9	0	0	0
0	15	16	14	0	14
0	17	17	0	0	0
0	9	9	0	0	0
0	5	5	0	0	0
0	27	28	14	0	14
1	68	70	20	0	20
0	5	5	0	0	0
0	9	9	0	0	0
0	14	14	0	0	0
0	12	13	0	0	0
0	15	16	9	0	9
0	9	10	32	1	30

UCI (Harvest)	Not Retrieved	SE(Not Ret.)	LCI(Not. Ret.)	UCI(Not. Ret.)
0	0	0	0	0
14	0	0	0	0
0	0	0	0	0
0	0	0	0	0
14	9	0	9	9
21	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
10	0	0	0	0
33	0	0	0	0

### Harvest by GMU (con't)

GMU	Hunters	SE(Hunters)	LCI (Hunters)	UCI (Hunters)	Days Hunted
41	3	3	-2	8	13
46	6	4	-1	14	41
50	8	5	-2	17	17
51	25	9	7	42	48
59	9	4	1	18	19
62	3	3	-2	8	6
66	3	3	-2	8	6
69	5	4	-3	13	5
74	8	5	-2	17	36
75	0	0	0	0	9
77	3	3	-2	8	6
78	6	4	-1	14	32
80	5	4	-3	13	46

SE(Days Hunted)	LCI(Days Hunted)	UCI(Days Hunted)	Harvest	SE(Harvest)	LCI (Harvest)
0	12	13	0	0	0
1	39	43	51	2	46
0	17	17	6	0	6
0	48	48	9	0	9
0	19	19	6	0	6
0	6	6	0	0	0
0	6	6	0	0	0
0	5	5	0	0	0
1	35	38	19	0	18
0	9	10	6	0	6
0	6	6	0	0	0
0	31	32	0	0	0
0	45	46	0	0	0

UCI (Harvest)	Not Retrieved	SE(Not Ret.)	LCI(Not. Ret.)	UCI(Not. Ret.)
0	0	0	0	0
55	0	0	0	0
6	0	0	0	0
9	0	0	0	0
6	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
20	0	0	0	0
6	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0

### Harvest by GMU (con't)

GMU	Hunters	SE(Hunters)	LCI (Hunters)	UCI (Hunters)	Days Hunted
84	8	5	-2	17	17
85	5	4	-3	13	18
481	8	5	-2	17	8
501	31	10	12	50	164
511	24	8	9	38	329
512	5	4	-3	13	5
521	5	4	-3	13	9
581	14	6	2	26	34
681	105	105	-100	311	211
711	5	4	-3	13	18
<b>State Total</b>	<b>383</b>	<b>108</b>	<b>171</b>	<b>595</b>	<b>1315</b>

SE(Days Hunted)	LCI(Days Hunted)	UCI(Days Hunted)	Harvest	SE(Harvest)	LCI (Harvest)
0	17	17	0	0	0
0	18	18	0	0	0
0	8	8	6	0	6
1	162	166	8	0	8
33	264	394	80	2	76
0	5	5	0	0	0
0	9	9	0	0	0
0	34	35	6	0	6
3	205	217	316	7	303
0	18	18	0	0	0
<b>37</b>	<b>1241</b>	<b>1388</b>	<b>603</b>	<b>9</b>	<b>586</b>

UCI (Harvest)	Not Retrieved	SE(Not Ret.)	LCI(Not. Ret.)	UCI(Not. Ret.)
0	0	0	0	0
0	0	0	0	0
6	0	0	0	0
8	0	0	0	0
85	0	0	0	0
0	0	0	0	0
0	0	0	0	0
6	0	0	0	0
330	0	0	0	0
0	0	0	0	0
<b>621</b>	<b>9</b>	<b>0</b>	<b>9</b>	<b>9</b>