

Abert's Squirrel Harvest 2002/03

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. 1428 hunters were contacted (57% response rate).

Of those surveyed, 42 or 3% reported they had hunted Abert's squirrel.

76% (32) reported being satisfied with their Abert's squirrel hunting experience.

Harvest results are provided by strata, county and GMU.

Statewide harvest estimate = 605 ± 21 (584-626).

Comparison with 2001 survey results:

Harvest was down from 2001 when an estimated 727 ± 23 Abert's were harvested. Correspondingly hunter numbers decreased from 368 ± 225 in 2001 to 183 ± 49 in 2002 and days hunted decreased from an estimated 1649 ± 45 to 1617 ± 364. Differences in hunter number and days hunted are not statistically significant at the 95% confidence level, but the number of squirrels harvested is.

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 15 plus or minus 1.96(SE) or 1.96(8)=15. The range of the estimate is 0 to 30. 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 2002/03

strata	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Will not hunt	113	7.91	113	7.91
Somewhat likely	1018	71.29	1131	79.20
Very likely	297	20.80	1428	100.00

Hunted during season?

hunt	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	42	2.94	42	2.94
No	1386	97.06	1428	100.00

Table of strata by hunt

strata	hunt(Hunted during season?)		
Frequency			
Percent			
Row Pct			
Col Pct	Yes	No	Total
Will not hunt	0	113	113
	0.00	7.91	7.91
	0.00	100.00	
	0.00	8.15	
Somewhat likely	15	1003	1018
	1.05	70.24	71.29
	1.47	98.53	
	35.71	72.37	
Very likely	27	270	297
	1.89	18.91	20.80
	9.09	90.91	
	64.29	19.48	
Total	42	1386	1428
	2.94	97.06	100.00

Satisfied with Hunt?

satisfy	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Strongly Dis.	1	2.38	1	2.38
Somewhat Dis.	4	9.52	5	11.90
Slightly Dis.	5	11.90	10	23.81
Somewhat Sat.	11	26.19	21	50.00
Strongly Sat.	21	50.00	42	100.00

Harvest by Strata

strata	Hunters	SE(Hunters)	LCI (Hunters)	UCI (Hunters)
Somewhat likely	82	19	45	119
Very likely	101	16	70	133
Total	183	25	135	231

Days Hunted	SE(Days Hunted)	LCI(Days Hunted)	UCI(Days Hunted)	Harvest	SE(Harvest)	LCI (Harvest)
430	5	420	439	451	9	433
1187	186	823	1551	154	5	144
1617	186	1253	1980	605	11	584

UCI (Harvest)	Not Retrieved	SE(Not Ret.)	LCI(Not. Ret.)	UCI(Not. Ret.)
470	27	0	27	27
164	23	0	22	23
626	50	0	49	50

Harvest by Counties

County	Hunters	SE(Hunters)	LCI (Hunters)	UCI (Hunters)	Days Hunted
Archuleta	15	8	-0	30	397
Boulder	5	5	-4	15	11
Custer	5	5	-4	15	76
Delta	4	3	-3	10	23
Dolores	4	3	-3	10	11
Douglas	4	3	-3	10	11
Eagle	5	5	-4	15	11
El Paso	8	5	-1	16	23
Fremont	15	6	2	28	45
Gilpin	4	3	-3	10	11
Jackson	15	8	-0	30	86
Jefferson	4	3	-3	10	11
La Plata	13	7	-0	26	151

SE(Days Hunted)	LCI(Days Hunted)	UCI(Days Hunted)	Harvest	SE(Harvest)	LCI (Harvest)
104	193	602	23	0	22
0	11	11	0	0	0
1	74	78	54	0	53
0	22	23	15	0	15
0	11	11	8	0	7
0	11	11	0	0	0
0	11	11	0	0	0
0	22	23	19	0	18
0	44	46	4	0	4
0	11	11	0	0	0
0	85	87	141	3	136
0	11	11	0	0	0
3	145	157	202	6	190

UCI (Harvest)	Not Retrieved	SE(Not Ret.)	LCI(Not. Ret.)	UCI(Not. Ret.)
23	0	0	0	0
0	0	0	0	0
55	0	0	0	0
15	19	0	18	19
8	0	0	0	0
0	0	0	0	0
0	0	0	0	0
19	0	0	0	0
4	0	0	0	0
0	0	0	0	0
147	27	0	27	27
0	0	0	0	0
213	4	0	4	4

County	Hunters	SE(Hunters)	LCI (Hunters)	UCI (Hunters)	Days Hunted
Larimer	17	7	2	31	298
Las Animas	4	3	-3	10	23
Park	22	9	5	40	200
Saguache	20	9	2	38	48
San Miguel	5	5	-4	15	27
Teller	15	6	2	28	154
State Total	183	25	135	231	1617

SE(Days Hunted)	LCI(Days Hunted)	UCI(Days Hunted)	Harvest	SE(Harvest)	LCI (Harvest)
59	183	414	0	0	0
0	22	23	0	0	0
7	185	214	130	4	121
0	47	48	11	0	11
0	27	27	0	0	0
6	142	166	0	0	0
186	1253	1980	605	11	584

UCI (Harvest)	Not Retrieved	SE(Not Ret.)	LCI(Not. Ret.)	UCI(Not. Ret.)
0	0	0	0	0
0	0	0	0	0
138	0	0	0	0
11	0	0	0	0
0	0	0	0	0
0	0	0	0	0
626	50	0	49	50

Harvest by GMU

GMU	Hunters	SE(Hunters)	LCI (Hunters)	UCI (Hunters)	Days Hunted
6	4	3	-3	10	15
8	4	3	-3	10	4
19	9	6	-2	21	9
20	9	6	-2	21	296
36	5	5	-4	15	11
39	4	3	-3	10	11
46	9	6	-2	21	89
50	8	5	-1	16	26
51	4	3	-3	10	11
53	4	3	-3	10	23
58	11	6	0	22	38
68	9	6	-2	21	20
70	5	5	-4	15	27

SE(Days Hunted)	LCI(Days Hunted)	UCI(Days Hunted)	Harvest	SE(Harvest)	LCI (Harvest)
0	15	15	0	0	0
0	4	4	0	0	0
0	9	9	0	0	0
59	181	412	0	0	0
0	11	11	0	0	0
0	11	11	0	0	0
2	84	94	113	4	105
0	26	27	0	0	0
0	11	11	0	0	0
0	22	23	15	0	15
0	37	38	4	0	4
0	20	21	0	0	0
0	27	27	0	0	0

UCI (Harvest)	Not Retrieved	SE(Not Ret.)	LCI(Not. Ret.)	UCI(Not. Ret.)
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
121	0	0	0	0
0	0	0	0	0
0	0	0	0	0
15	19	0	18	19
4	0	0	0	0
0	0	0	0	0
0	0	0	0	0

GMU	Hunters	SE(Hunters)	LCI (Hunters)	UCI (Hunters)	Days Hunted
71	4	3	-3	10	11
74	5	5	-4	15	54
75	0	0	0	0	82
77	9	6	-2	21	387
78	5	5	-4	15	11
82	5	5	-4	15	16
86	5	5	-4	15	76
110	4	3	-3	10	8
161	5	5	-4	15	49
171	5	5	-4	15	22
501	9	6	-2	21	17
511	11	6	0	22	131
551	5	5	-4	15	11

SE(Days Hunted)	LCI(Days Hunted)	UCI(Days Hunted)	Harvest	SE(Harvest)	LCI (Harvest)
0	11	11	8	0	7
0	53	55	82	1	79
1	79	84	109	2	105
104	182	591	23	0	22
0	11	11	0	0	0
0	16	16	11	0	11
1	74	78	54	0	53
0	7	8	4	0	4
0	48	50	136	3	130
0	22	22	5	0	5
0	17	17	16	0	16
6	120	143	15	0	15
0	11	11	0	0	0

UCI (Harvest)	Not Retrieved	SE(Not Ret.)	LCI(Not. Ret.)	UCI(Not. Ret.)
8	0	0	0	0
84	0	0	0	0
112	0	0	0	0
23	0	0	0	0
0	0	0	0	0
11	0	0	0	0
55	0	0	0	0
4	0	0	0	0
142	27	0	27	27
5	0	0	0	0
16	0	0	0	0
15	0	0	0	0
0	0	0	0	0

GMU	Hunters	SE(Hunters)	LCI (Hunters)	UCI (Hunters)	Days Hunted
581	11	6	0	22	124
751	8	5	-1	16	15
851	4	3	-3	10	23
State Total	183	25	135	231	1617

SE(Days Hunted)	LCI(Days Hunted)	UCI(Days Hunted)	Harvest	SE(Harvest)	LCI (Harvest)
5	114	134	0	0	0
0	15	15	11	0	11
0	22	23	0	0	0
186	1253	1980	605	11	584

UCI (Harvest)	Not Retrieved	SE(Not Ret.)	LCI(Not. Ret.)	UCI(Not. Ret.)
0	0	0	0	0
11	4	0	4	4
0	0	0	0	0
626	50	0	49	50