

# Abert's Squirrel Harvest 2000/01

A post-season harvest survey was conducted by phone.

A stratified random sample of 2501 Abert's squirrel hunters was drawn from among HIP participants. 1782 hunters were contacted (71% response rate).

Of those surveyed, 77 or 4% reported they had hunted Abert's squirrel.

84% reported being satisfied with their Abert's squirrel hunting experience.

Harvest results are provided by strata, county and GMU.

**Statewide harvest estimate =  $1312 \pm 44$  (1268 - 1356)**

**The relatively large confidence intervals associated with hunter number and days hunted is an artifact of the 4 hunters in the will not hunt@ strata that reported hunting Abert's in the 2000/01 season.**

## **Comparison with 1999 survey results:**

Harvest was up from 1999 when an estimated  $857 \pm 26$  Abert's were harvested. Correspondingly hunter numbers increased from  $539 \pm 135$  in 1999 to  $858 \pm 511$  in 2000 and days hunted increased from an estimated  $1819 \pm 63$  in 1999 to  $3523 \pm 110$ . Differences in harvest and days hunted are statistically significant at the 95% confidence level, but hunter number 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 24 plus or minus 1.96(SE) or 1.96(10)=20. The range of the estimate is 5 to 44. 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 2000/01

The FREQ Procedure

strata	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Will not hunt	130	7.30	130	7.30
Somewhat likely	1262	70.82	1392	78.11
Very likely	390	21.89	1782	100.00

## Hunted during Season?

hunt	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	77	4.32	77	4.32
No	1705	95.68	1782	100.00

## Table of Strata by Hunt

strata	hunt(Hunted during season?)		
	Yes	No	Total
Frequency			
Percent			
Row Pct			
Col Pct			
Will not hunt	4	126	130
	0.22	7.07	7.30
	3.08	96.92	
	5.19	7.39	
Somewhat likely	30	1232	1262
	1.68	69.14	70.82
	2.38	97.62	
	38.96	72.26	
Very likely	43	347	390
	2.41	19.47	21.89
	11.03	88.97	
	55.84	20.35	
Total	77	1705	1782
	4.32	95.68	100.00

### Satisfied with Hunt?

satisfy	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Strongly Dis.	7	9.09	7	9.09
Somewhat Dis.	2	2.60	9	11.69
Slightly Dis.	2	2.60	11	14.29
Neutral	1	1.30	12	15.58
Slightly Sat.	3	3.90	15	19.48
Somewhat Sat.	17	22.08	32	41.56
Strongly Sat.	45	58.44	77	100.00

### Harvest by Strata

strata	Hunters	SE(Hunters)	LCI (Hunters)	UCI (Hunters)
Will not hunt	527	259	20	1034
Somewhat likely	169	28	115	223
Very likely	162	20	123	201
<b>Total</b>	<b>858</b>	<b>261</b>	<b>347</b>	<b>1369</b>

Days Hunted	SE(Days Hunted)	LCI (Days Hunted)	UCI (Days Hunted)	Harvest	SE(Harvest)	LCI (Harvest)
1582	42	1500	1663	791	20	751
1395	36	1325	1464	152	0	151
547	8	530	563	370	10	351
<b>3523</b>	<b>55</b>	<b>3414</b>	<b>3632</b>	<b>1312</b>	<b>22</b>	<b>1269</b>

UCI (Harvest)	Not Retrieved	SE(Not Ret.)	LCI (Not Ret.)	UCI (Not Ret.)
830	132	1	130	134
153	0	0	0	0
389	0	0	0	0
<b>1356</b>	<b>132</b>	<b>1</b>	<b>130</b>	<b>134</b>

# Abert's Squirrel Harvest 2000/01

## Harvest by Counties

County	Hunters	SE(Hunters)	LCI (Hunters)	UCI (Hunters)	Days Hunted
Archuleta	24	10	5	44	88
Boulder	19	9	2	36	77
Chaffee	4	3	-3	10	19
Clear Creek	4	3	-3	10	30
Dolores	9	6	-2	21	28
Douglas	28	10	8	49	51
El Paso	28	11	6	50	56
Fremont	9	6	-2	21	15
Gilpin	6	5	-4	16	28
Jefferson	19	7	5	33	38
La Plata	139	131	-117	396	407
Larimer	182	132	-75	440	1098
Las Animas	15	8	-0	30	682

SE(Days Hunted)	LCI(Days Hunted)	UCI(Days Hunted)	Harvest	SE(Harvest)	LCI (Harvest)
0	88	89	45	0	45
2	74	81	38	1	36
0	18	19	0	0	0
1	29	31	23	0	22
0	28	28	6	0	6
0	50	51	24	0	24
0	56	56	11	0	11
0	15	15	38	0	37
0	28	28	0	0	0
0	37	38	23	0	22
9	389	425	279	4	271
26	1047	1149	567	16	535
29	626	739	11	0	11

UCI (Harvest)	Not Retrieved	SE(Not Ret.)	LCI(Not. Ret.)	UCI(Not. Ret.)
45	0	0	0	0
39	0	0	0	0
0	0	0	0	0
23	0	0	0	0
6	0	0	0	0
24	0	0	0	0
11	0	0	0	0
38	0	0	0	0
0	0	0	0	0
23	0	0	0	0
287	132	1	130	134
598	0	0	0	0
11	0	0	0	0

County	Hunters	SE(Hunters)	LCI (Hunters)	UCI (Hunters)	Days Hunted
Montezuma	11	7	-3	25	28
Montrose	13	7	-0	27	51
Park	19	7	5	33	26
Rio Grande	13	7	-0	27	53
Teller	314	185	-47	676	748
<b>State Total</b>	<b>858</b>	<b>261</b>	<b>347</b>	<b>1369</b>	<b>3523</b>

SE(Days Hunted)	LCI(Days Hunted)	UCI(Days Hunted)	Harvest	SE(Harvest)	LCI (Harvest)
0	28	28	17	0	17
0	50	52	11	0	11
0	26	27	38	0	37
0	52	53	23	0	22
9	730	766	160	8	145
<b>55</b>	<b>3414</b>	<b>3632</b>	<b>1312</b>	<b>22</b>	<b>1269</b>

UCI (Harvest)	Not Retrieved	SE(Not Ret.)	LCI(Not. Ret.)	UCI(Not. Ret.)
17	0	0	0	0
11	0	0	0	0
39	0	0	0	0
23	0	0	0	0
175	0	0	0	0
<b>1356</b>	<b>132</b>	<b>1</b>	<b>130</b>	<b>134</b>

# Abert's Squirrel Harvest 2000/01

## Harvest by GMU

GMU	Hunters	SE(Hunters)	LCI (Hunters)	UCI (Hunters)	Days Hunted
8	6	5	-4	16	67
19	164	131	-94	421	1017
20	9	6	-2	21	9
29	13	7	-0	27	72
36	6	5	-4	16	28
38	11	6	0	22	11
39	4	3	-3	10	30
50	11	6	0	22	23
51	23	9	5	40	45
59	9	6	-2	21	13
61	9	6	-2	21	24
62	4	3	-3	10	26
69	9	6	-2	21	15

SE(Days Hunted)	LCI(Days Hunted)	UCI(Days Hunted)	Harvest	SE(Harvest)	LCI (Harvest)
1	66	69	0	0	0
26	966	1068	561	16	529
0	9	9	0	0	0
2	68	75	38	1	36
0	28	28	0	0	0
0	11	11	8	0	7
1	29	31	23	0	22
0	22	23	8	0	7
0	45	46	19	0	19
0	13	13	0	0	0
0	24	25	11	0	11
0	26	27	0	0	0
0	15	15	38	0	37

UCI (Harvest)	Not Retrieved	SE(Not Ret.)	LCI(Not. Ret.)	UCI(Not. Ret.)
0	0	0	0	0
593	0	0	0	0
0	0	0	0	0
39	0	0	0	0
0	0	0	0	0
8	0	0	0	0
23	0	0	0	0
8	0	0	0	0
19	0	0	0	0
0	0	0	0	0
11	0	0	0	0
0	0	0	0	0
38	0	0	0	0

GMU	Hunters	SE(Hunters)	LCI (Hunters)	UCI (Hunters)	Days Hunted
75	4	3	-3	10	8
77	9	6	-2	21	41
78	6	5	-4	16	22
80	13	7	-0	27	53
85	15	8	-0	30	682
191	9	6	-2	21	9
461	4	3	-3	10	15
481	4	3	-3	10	19
501	21	8	5	37	28
511	41	12	19	64	215
512	6	5	-4	16	11
581	271	184	-90	632	546
591	11	7	-3	25	11

SE(Days Hunted)	LCI(Days Hunted)	UCI(Days Hunted)	Harvest	SE(Harvest)	LCI (Harvest)
0	7	8	15	0	15
0	41	42	15	0	15
0	22	23	0	0	0
0	52	53	23	0	22
29	626	739	11	0	11
0	9	9	6	0	6
0	15	15	8	0	7
0	18	19	0	0	0
0	28	28	43	0	42
4	206	223	138	7	123
0	11	11	11	0	11
8	530	562	23	0	22
0	11	11	0	0	0

UCI (Harvest)	Not Retrieved	SE(Not Ret.)	LCI(Not. Ret.)	UCI(Not. Ret.)
15	0	0	0	0
15	0	0	0	0
0	0	0	0	0
23	0	0	0	0
11	0	0	0	0
6	0	0	0	0
8	0	0	0	0
0	0	0	0	0
44	0	0	0	0
152	0	0	0	0
11	0	0	0	0
23	0	0	0	0
0	0	0	0	0

GMU	Hunters	SE(Hunters)	LCI (Hunters)	UCI (Hunters)	Days Hunted
711	21	9	2	39	56
751	136	131	-121	392	399
771	9	6	-2	21	24
<b>State Total</b>	<b>858</b>	<b>261</b>	<b>347</b>	<b>1369</b>	<b>3523</b>

SE(Days Hunted)	LCI(Days Hunted)	UCI(Days Hunted)	Harvest	SE(Harvest)	LCI (Harvest)
0	56	57	22	0	22
9	381	417	264	4	256
0	24	25	30	0	30
<b>55</b>	<b>3414</b>	<b>3632</b>	<b>1312</b>	<b>22</b>	<b>1269</b>

UCI (Harvest)	Not Retrieved	SE(Not Ret.)	LCI(Not. Ret.)	UCI(Not. Ret.)
23	0	0	0	0
272	132	1	130	134
30	0	0	0	0
<b>1356</b>	<b>132</b>	<b>1</b>	<b>130</b>	<b>134</b>