

## 2002 Ptarmigan Grouse Harvest Report

A post-season harvest survey was conducted by phone.

A stratified random sample of 2500 ptarmigan grouse hunters was drawn from among HIP participants. 1505 (60% response rate) hunters were contacted.

Of those surveyed, 58 or 4% reported they had hunted ptarmigan. The number of birds harvested ranged from 0 (40 respondents) to 6 (2 respondents).

77% reported being satisfied with their ptarmigan grouse hunting experience and 65% reported no crowding.

Harvest results are provided by strata and county.

In addition, there is a summary table of areas hunted (nearest landmark) and harvest reported from survey respondents.

***Statewide harvest estimate = 254 ± 115 (140 - 369).***

### **Comparison with 2001 survey results:**

Harvest was down from 2001 when an estimated 448 ± 190 birds were harvested. Correspondingly hunter numbers decreased from 475 ± 110 in 2001 to 372 ± 119. Days hunted decreased from an estimated 1460 ± 578 in 2001 to 967 ± 357. None of the differences are statistically significant at the 95% confidence level.

### **Harvest by Strata and County**

Summary tables provide estimates of hunter numbers, days in the field and ptarmigan grouse harvest by strata and county. 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 ptarmigan grouse hunters in Clear Creek county is 39 plus or minus 1.96(SE) or 1.96(10)=20. The range of the estimate is 19 to 59. Estimates of days in the field and harvest are interpreted the same way. State totals are given at the bottom of each column.

**(The output wraps around.)**

## Ptarmigan Harvest 2002

ptarstrata	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Will not hunt	505	33.55	505	33.55
Somewhat likely	714	47.44	1219	81.00
Very likely	286	19.00	1505	100.00

## Hunted during Season?

hunt	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	58	3.85	58	3.85
No	1448	96.15	1506	100.00

## Table of ptarstrata by hunt

ptarstrata	hunt(Hunted during season?)			Total
	Yes	No		
Frequency				
Percent				
Row Pct				
Col Pct				
Will not hunt	6	499		505
	0.40	33.16		33.55
	1.19	98.81		
	10.53	34.46		
Somewhat likely	7	707		714
	0.47	46.98		47.44
	0.98	99.02		
	12.28	48.83		
Very likely	44	242		286
	2.92	16.08		19.00
	15.38	84.62		
	77.19	16.71		
Total	57	1448		1505
	3.79	96.21		100.00

## Satisfied with Hunt?

satisfy	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Strongly Dis.	3	5.17	3	5.17
Slightly Dis.	5	8.62	8	13.79
Neutral	5	8.62	13	22.41
Slightly Sat.	3	5.17	16	27.59
Somewhat Sat.	18	31.03	34	58.62
Strongly Sat.	24	41.38	58	100.00

## Feel Crowded?

crowded	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not at all	38	65.52	38	65.52
Slightly	7	12.07	45	77.59
Moderately	8	13.79	53	91.38
Extremely	5	8.62	58	100.00

### Possibly Hunting Other Species?

other	Frequency	Percent	Cumulative Frequency	Cumulative Percent
No	4	100.00	4	100.00

### Total Harvest

totharv	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	40	68.97	40	68.97
1	4	6.90	44	75.86
2	2	3.45	46	79.31
3	8	13.79	54	93.10
4	1	1.72	55	94.83
5	1	1.72	56	96.55
6	2	3.45	58	100.00

## Summary of Areas Hunted with Harvest Reported from Sample

Table of alpha by totharv

alpha(Description of hunting areas)	totharv(Total harvest)			Total
	Frequency	Zero	1-3	
10 MILES EAST OF PITKIN	1	0	0	1
131 BY YAMPA	0	1	0	1
4 MILES WEST OF MT EVANS	1	0	0	1
5 MI EAST OF HOO SIER PASS	0	1	0	1
ALAVISTA/HWY I-5 0	0	1	0	1
ARAPAHOE NATIONA L PARK	0	1	0	1
ARAPAHOE RIDGE	1	0	0	1
ARGENTINE PASS	1	0	0	1
BASED MTN	1	0	0	1
BERTHOUD PASS	0	1	0	1
BOEREUS PASS RD	0	0	1	1
BUENA VISTA	1	0	0	1
BUFFALO CREEK/PI NE JUNCTION	1	0	0	1
BURNS	0	1	0	1
BYER PEAK AND GR AND COUNTY	1	0	0	1
BYERS PEAK	1	0	0	1
Total	40	14	4	58

(Continued)

Table of alpha by totharv

alpha(Description of hunting areas)	totharv(Total harvest)			Total
	Frequency	Zero	1-3	
CANYON CITY	1	0	0	1
CHAMBER'S LAKE	1	0	0	1
COTTON WOOD PASS	1	0	0	1
COTTONWOOD PASS	1	1	1	3
ELDORA MTN	1	0	0	1
ELK CREEK WILDER NESS	1	0	0	1
EMPIRE (NORTH)	1	0	0	1
FAIRPLAY-20 MILE NW	1	0	0	1
GEORGETOWN & SIL VER PLUME	1	0	0	1
HWY 14 SOUTH	0	1	0	1
HWY 6	0	0	1	1
HWY 70 TO DUMONT EXIT TO JAMES	1	0	0	1
JONES PEAK	1	0	0	1
KREMLING	1	0	0	1
LAKE CITY	1	0	0	1
LEADVILLE	0	1	0	1
LEMON & VALLECIT A RES	0	1	0	1
Total	40	14	4	58

(Continued)

Table of alpha by totharv

alpha(Description of hunting areas)	totharv(Total harvest)			Total
	Frequency	Zero	1-3	
LITTLE MOSCA	1	0	0	1
MOUNT EVANS	0	0	1	1
MT HARVARD	1	0	0	1
N PLATTE RIVER N W OF WALDEN	1	0	0	1
NIWOT RIDGE	0	1	0	1
NORTH OF ST ELMO	4	1	0	5
PAGOSA PARK	1	0	0	1
PEACEFULL VALLEY	1	0	0	1
PEARL BASIN-15 M I S OF ASPEN	0	1	0	1
SHEEP MT/SHEEP M T	1	0	0	1
TIMBER LINE	1	0	0	1
TOP OF CAMERON P ASS	0	1	0	1
WEST OF WESTCLIF F	1	0	0	1
WESTCLIFFE	1	0	0	1
WILLIAMS FORK RE S	1	0	0	1
WILLOW CREEK RES	1	0	0	1
WINTER PARK SKI RESORT	1	0	0	1
Total	40	14	4	58

(Continued)

Table of alpha by totharv

alpha(Description of hunting areas)	totharv(Total harvest)			Total	
	Frequency	Zero	1-3		4-6
WOLCOTT		1	0	0	1
WOLF CREEK PASS		1	0	0	1
Total		40	14	4	58

### Counties Hunted in Sample

County hunted

county	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Alamosa	1	1.54	1	1.54
Archuleta	4	6.15	5	7.69
Boulder	3	4.62	8	12.31
Chaffee	12	18.46	20	30.77
Clear Creek	10	15.38	30	46.15
Custer	2	3.08	32	49.23
Eagle	2	3.08	34	52.31
Fremont	1	1.54	35	53.85
Garfield	1	1.54	36	55.38
Grand	7	10.77	43	66.15
Gunnison	4	6.15	47	72.31
Hinsdale	1	1.54	48	73.85
Jackson	2	3.08	50	76.92
La Plata	2	3.08	52	80.00
Larimer	3	4.62	55	84.62
Pitkin	2	3.08	57	87.69
Routt	3	4.62	60	92.31
Summit	2	3.08	62	95.38
Jefferson	1	1.54	63	96.92
Park	2	3.08	65	100.00





12  
254

10  
59

-8  
140

31  
369

0  
4

0  
3

0  
-3

0  
10