

2001 Ptarmigan Grouse Harvest Report

A post-season harvest survey was conducted by phone.

A stratified random sample of 2499 ptarmigan grouse hunters was drawn from among HIP participants. 1976 (79% response rate) hunters were contacted.

Of those surveyed, 94 or 5% reported they had hunted ptarmigan. The number of birds harvested ranged from 0 (62 respondents) to 7 (1 respondent).

84% reported being satisfied with their ptarmigan grouse hunting experience and 83% 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 = 448 ± 190 (258 - 639).

Comparison with 1999 survey results:

Harvest was up from 2000 when an estimated 335 ± 170 birds were harvested. Correspondingly hunter numbers increased from 414 ± 108 in 2000 to 519 ± 117. Days hunted increased from an estimated 1592 ± 541 in 2000 to 1733 ± 627. 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 Boulder County is 28 plus or minus 1.96(SE) or 1.96(12)=23. The range of the estimate is 5 to 52. 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 2001

ptarstrata	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Will not hunt	697	35.26	697	35.26
Somewhat likely	903	45.68	1600	80.93
Very likely	377	19.07	1977	100.00

Hunted during season?

hunt	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	94	4.76	94	4.76
No	1882	95.24	1976	100.00

Table of ptarstrata by hunt

ptarstrata	hunt(Hunted during season?)		
	Yes	No	Total
Will not hunt	5 0.25 5.32	692 35.02 99.28 36.77	697 35.27
Somewhat likely	21 1.06 2.33 22.34	882 44.64 97.67 46.87	903 45.70
Very likely	68 3.44 18.09 72.34	308 15.59 81.91 16.37	376 19.03
Total	94 4.76	1882 95.24	1976 100.00

Satisfied with hunt?

satisfy	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Strongly Dis.	4	4.21	4	4.21
Somewhat Dis.	5	5.26	9	9.47
Slightly Dis.	3	3.16	12	12.63
Neutral	2	2.11	14	14.74
Slightly Sat.	7	7.37	21	22.11
Somewhat Sat.	32	33.68	53	55.79
Strongly Sat.	42	44.21	95	100.00

Feel crowded?

crowded	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not at all	79	83.16	79	83.16
Slightly	8	8.42	87	91.58
Moderately	4	4.21	91	95.79
Extremely	4	4.21	95	100.00

Possibly hunting another species?

other	Frequency	Percent	Cumulative Frequency	Cumulative Percent
No	1	100.00	1	100.00

Total harvest (reported by respondents)

totharv	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	62	65.96	62	65.96
1	8	8.51	70	74.47
2	10	10.64	80	85.11
3	4	4.26	84	89.36
4	3	3.19	87	92.55
5	2	2.13	89	94.68
6	4	4.26	93	98.94
7	1	1.06	94	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	4-6	>6	
1 MILE WEST OF L OVELAND PASS	1	0	0	0	1
10 MILE RANGE	0	1	0	0	1
5 MIN W OF FRISC O	1	0	0	0	1
BALDUI CREEK	0	1	0	0	1
BERTHOUD PASS	1	0	0	0	1
BETWEEN SALIDA & BUENA VISTA	0	0	1	0	1
BLACK MTN WST OF DEL FEATHA	1	0	0	0	1
BRECKENRIDGE	1	0	0	0	1
BUENA VISTA	1	1	0	0	2
BUFFALO PASS	0	1	0	0	1

CAMERON	1	0	0	0	1
CAMERON PASS	3	0	0	0	3
CAMP DICK	0	1	0	0	1
CENTER & HWY 285	1	0	0	0	1
CHURCH PARK	1	0	0	0	1
COTTONWOOD PASS	0	1	0	0	1
CROWN POINT	0	1	0	0	1
Total	54	19	8	1	82

(Continued)

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Summary of areas hunted with harvest reported from sample

11:13 Wednesday, September 18, 2002

The FREQ Procedure

Table of alpha by totharv

alpha(Description of hunting areas)	totharv(Total harvest)				Total
Frequency	Zero	1-3	4-6	>6	
DEADRAN	1	0	0	0	1
DILLON	1	0	0	0	1
EAST OF STEAMBOA T SPRINGS	1	0	0	0	1
ELLIOT RIDGE	2	0	0	0	2
ESTES PARK	2	1	0	0	3
GEORGETOWN	1	0	0	0	1
GOULD	1	0	0	0	1
GUANELLA PASS	4	0	0	0	4
HAHNS PEAK	0	1	0	0	1
HEART LAKE	1	0	0	0	1
HOLY CROSS	1	0	0	0	1
HOOSIER PASS	0	0	0	1	1
HWY 70	1	0	0	0	1
I-70	1	0	0	0	1
I-70 HWY	0	1	0	0	1
INDEPENDENT PASS	1	0	0	0	1
JUST ABOVE YAMPA	1	0	0	0	1
KREMMLING	1	0	0	0	1
LAKE HEENEY	0	1	0	0	1
Total	54	19	8	1	82

Table of alpha by totharv

alpha(Description of hunting areas) totharv(Total harvest)

Frequency	Zero	1-3	4-6	>6	Total
LEADVILLE	1	0	0	0	1
LOCK MTN	1	0	0	0	1
MINERAL	0	1	0	0	1
MOFFAT TUNNEL	0	0	1	0	1
MOUNT AUTO BAHN	1	0	0	0	1
MOUNT ZEE KALI W ILDERNESS	0	0	1	0	1
MT ELBERT	1	0	0	0	1
MT EVANS	1	0	0	0	1
N SIDE OF LOVELA ND PASS	1	0	0	0	1
NEAR ASPEN	1	0	0	0	1
NEAR ASPEN, INDE PENDENCE PASS	1	0	0	0	1
NEAR DURANGO	1	0	0	0	1
NEAR GEORGETOWN & LOVELAND PARK	1	0	0	0	1
NEAR GRANBY	1	0	2	0	3
NEAR KEYSTONE	0	0	1	0	1
NEAR LEADVILLE	0	0	1	0	1
NEAR RED STONE	0	0	0	0	0
Total	54	19	8	1	82

Table of alpha by totharv

alpha(Description of hunting areas)	totharv(Total harvest)				Total
Frequency	Zero	1-3	4-6	>6	Total
NEAR SILVERTHORN	0	1	0	0	1
ONTERO MTN	0	0	1	0	1
PARACHUTE	1	0	0	0	1
ROUTT NAT. FORES T	0	1	0	0	1
SHORTWAY NE OF D URANGO	1	0	0	0	1
SILVAN LAKE	0	1	0	0	1
SOUTH OF GEORGET OWN UNIT 39	1	0	0	0	1
TANTS MESA	0	1	0	0	1
TEXAS CREEK	1	0	0	0	1
TOWN OF CUN N HW Y 50	0	1	0	0	1

VASQUE PASS	1	0	0	0	1
VERY NEAR SILVER TON	0	1	0	0	1
W GUANELLA PASS	1	0	0	0	1
W OF RABBIT EARS PASS	1	0	0	0	1
W OF WALDEN	2	0	0	0	2
WEST CLIFFE	0	1	0	0	1
Total	54	19	8	1	82

Table of alpha by totharv

alpha(Description of hunting areas)	totharv(Total harvest)				Total
Frequency	Zero	1-3	4-6	>6	
WEST OF BRECKENRIDGE	1	0	0	0	1
WESTON RESERVOIR	1	0	0	0	1
Total	54	19	8	1	82

County hunted (reported by respondents)

county	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Boulder	6	6.32	6	6.32
Chaffee	4	4.21	10	10.53
Clear Creek	16	16.84	26	27.37
Custer	1	1.05	27	28.42
Eagle	3	3.16	30	31.58
Fremont	1	1.05	31	32.63
Garfield	1	1.05	32	33.68
Grand	8	8.42	40	42.11
Gunnison	3	3.16	43	45.26
Hinsdale	2	2.11	45	47.37
Jackson	6	6.32	51	53.68
Lake	7	7.37	58	61.05
La Plata	3	3.16	61	64.21
Larimer	7	7.37	68	71.58
Pitkin	3	3.16	71	74.74
Rio Grande	1	1.05	72	75.79
Routt	5	5.26	77	81.05
Saguache	1	1.05	78	82.11
San Juan	2	2.11	80	84.21
Summit	15	15.79	95	100.00

Estimated Harvest by Strata

ptarstrata	Estimated		LCI (Hunters)	UCI (Hunters)	Estimated		
	Hunters	SE(Hunters)			Days Hunted	SE(Days Hunted)	LCI(Days Hunted)
Will not hunt	93	40	14	172	410	266	-112
Somewhat likely	170	34	103	237	405	96	217
Very likely	212	19	175	249	645	83	483
Total	475	56	365	585	1460	295	882

UCI(Days Hunted)	Estimated Harvest	SE(Harvest)	LCI (Harvest)	UCI (Harvest)	Not Retrieved	SE(Not Ret.)	LCI(Not. Ret.)	UCI(Not. Ret.)
932	37	36	-34	108	0	0	0	0
592	202	81	43	361	0	0	0	0
807	209	40	131	287	6	4	-1	13
2038	448	97	258	639	6	4	-1	13

Estimated Harvest by County

County	Estimated		LCI (Hunters)	UCI (Hunters)	Estimated Days		LCI(Days Hunted)	UCI(Days Hunted)
	Hunters	SE(Hunters)			Hunted	SE(Days Hunted)		
Boulder	28	12	5	52	98	43	14	182
Chaffee	17	9	0	34	38	19	1	74
Clear Creek	102	31	41	164	198	60	80	316
Custer	3	3	-2	8	6	5	-4	16
Eagle	28	19	-9	64	74	55	-34	182
Fremont	8	8	-7	23	16	15	-14	46
Garfield	3	3	-2	8	3	3	-2	8
Grand	56	26	4	107	400	263	-115	915
Gunnison	9	4	1	18	12	6	0	24
Hinsdale	6	4	-1	13	18	11	-4	41
Jackson	28	12	5	52	67	35	-1	135
Lake	21	7	9	34	64	22	21	108
La Plata	14	8	-2	31	70	47	-23	163
Larimer	32	12	8	55	49	19	11	87
Pitkin	9	4	1	18	21	11	-0	43
Rio Grande	3	3	-2	8	12	10	-7	32
Routt	30	14	4	57	72	33	8	136
Saguache	8	8	-7	23	24	23	-20	69
San Juan	6	4	-1	13	31	19	-7	68
Summit	61	16	30	92	185	55	77	292
State Total	475	56	365	585	1460	295	882	2038

Estimated Harvest	SE(Harvest)	LCI (Harvest)	UCI (Harvest)	Not Retrieved	SE(Not Ret.)	LCI(Not. Ret.)	UCI(Not. Ret.)
11	8	-4	27	0	0	0	0
76	47	-17	169	0	0	0	0
64	47	-29	156	3	3	-2	8
6	5	-4	16	0	0	0	0
37	36	-34	108	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
37	19	-0	74	0	0	0	0
3	3	-2	8	0	0	0	0
3	3	-2	8	0	0	0	0
63	41	-18	143	0	0	0	0
15	10	-5	36	0	0	0	0
6	5	-4	16	0	0	0	0
16	15	-14	46	0	0	0	0
6	5	-4	16	0	0	0	0
9	8	-6	24	3	3	-2	8
24	23	-20	69	0	0	0	0
0	0	0	0	0	0	0	0
6	4	-1	13	0	0	0	0
64	25	15	114	0	0	0	0
448	97	258	639	6	4	-1	13