

2007 Sharp-tailed Grouse Harvest Report

The 2007 Sharp-tailed grouse report provides information on the estimated harvest of mountain sharp-tailed grouse. A stratified random sample of 3500 sharp-tailed grouse hunters was drawn from among HIP participants. The sample was stratified as follows:

- 1 = Not likely to hunt
- 2 = Somewhat likely to hunt
- 3 = Very likely to hunt

The post-season survey, conducted by telephone, contacted 1,501 (43% response rate). In total, 44, or 2.9% reported they had hunted sharp-tailed grouse. The number of birds harvested ranged from 0 (18 respondents) to 9 (1 respondent), with 7 hunters reporting a harvest of 2 birds.

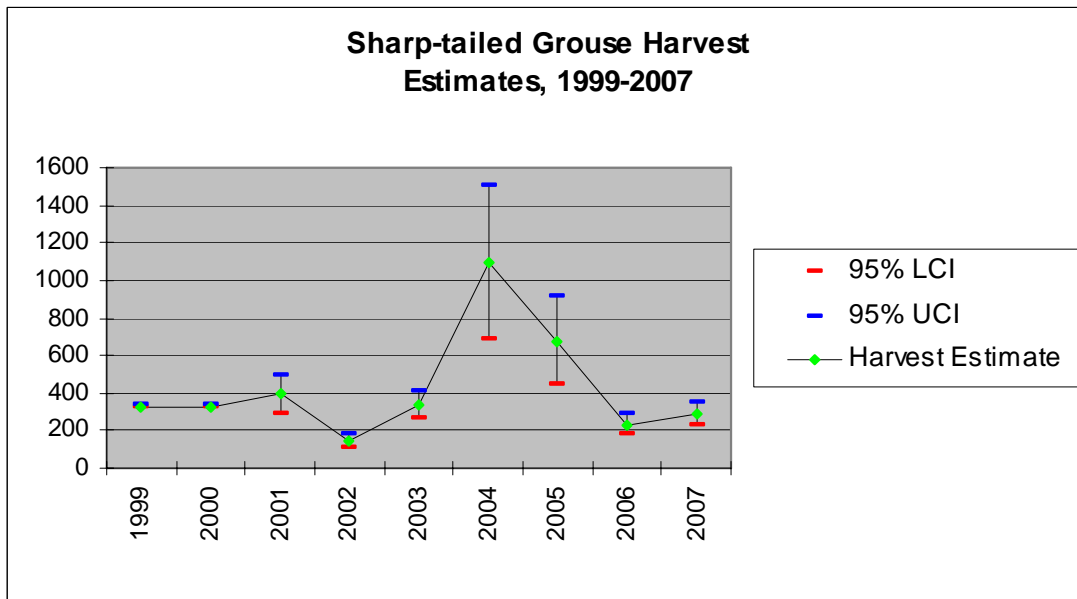
80% reported being satisfied with their sharp-tailed grouse hunting experience and 68% reported no crowding. Statewide harvest was estimated at 286 ± 59 (233 – 350).

Comparison with 2006 survey results:

Harvest was slightly higher than 2006 when an estimated 232 ± 53 (185 – 291) were harvested. Hunter numbers were stable from 173 ± 71 in 2006 to 185 ± 55 in 2007. Days hunted increased slightly from 340 ± 143 days in 2006, compared to 453 ± 149 in 2007.

Harvest by Strata and County

Summary tables provide estimates of hunter numbers, days in the field and sharp-tailed grouse harvest by strata and population. Estimates are followed by the standard error of the estimate, and 95% upper (UCI) and lower (LCI) confidence intervals around the estimate. County estimates of hunters, days and harvest are less reliable than statewide totals.



**2007 Sharp-tailed Grouse harvest,
by strata**

Strata	Hunters	SE (Hunters)	LCI (Hunters)	UCI (Hunters)	Days Hunted	SE (Days Hunted)	LCI (Days Hunted)	UCI (Days Hunted)	Harvest	SE (Harvest)	LCI (Harvest)	UCI (Harvest)
Will not hunt	0	0	0	0	0	0	0	0	0	0	0	0
Somewhat likely to hunt	67	22	36	126	159	59	79	322	42	10	27	66
Very likely to hunt	118	17	90	155	294	48	213	405	244	28	194	306
Total	185	28	138	248	453	76	327	628	286	30	233	350

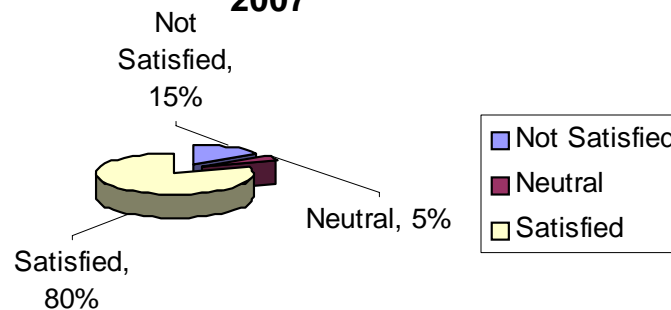
**2007 Sharp-tailed Grouse harvest,
by county**

County	Hunters	SE (Hunters)	LCI (Hunters)	UCI (Hunters)	Days Hunted	SE (Days Hunted)	LCI (Days Hunted)	UCI (Days Hunted)	Harvest	SE (Harvest)	LCI (Harvest)	UCI (Harvest)
Routt	108	17	79	147	259	47	182	368	229	53	147	359
Moffat	45	17	22	91	106	41	51	222	31	19	10	93
Grand	8	8	2	40	8	8	2	40	25	24	5	119
Hinsdale	4	3	1	15	4	3	1	15	0	0	0	0
Sagauche	8	8	2	40	17	16	4	80	0	0	0	0
Rio Blanco	12	9	3	42	49	39	12	196	0	0	0	0
Total	185	28	138	248	453	76	327	628	286	30	233	350

Sharp-tailed grouse satisfaction, 2007

Satisfaction	1	2	3	Total
Strong dissatis.	0.0	12.5	0.0	2.4%
Somewhat dissatis.	0.0	0.0	15.2	12.2%
Slight dissatis.	0.0	0.0	0.0	0.0%
Neutral	0.0	0.0	6.1	4.9%
Slightly satisf.	0.0	37.5	12.1	17.1%
Somewhat satis.	0.0	12.5	21.2	19.5%
Strong satis.	0.0	37.5	45.5	43.9%

Sharp-tailed Grouse Satisfaction, 2007



Sharp-tailed grouse crowding, 2007

Crowding	1	2	3	Total
Not at all	0.0	87.5	7.0	68.3%
Slightly	0.0	12.5	1.0	12.2%
Moderately	0.0	0.0	0.0	14.6%
Extremely	0.0	0.0	0.0	4.9%

Sharp-tailed Grouse Crowding, 2007

