

2009 Sharp-tailed Grouse Harvest Report

The 2009 Sharp-tailed grouse report provides information on the estimated harvest of mountain sharp-tailed grouse. A stratified random sample of 3,523 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
- 4 = Very likely to hunt ≥ 4 years

The post-season survey, conducted by telephone, contacted 1,509 (42.8% response rate) hunters. In total, 64 respondents, or 4.2%, reported they had hunted sharp-tailed grouse in 2009. The number of birds harvested ranged from 0 (27 respondents) to 20 (1 respondent), with 11 hunters reporting a harvest of 2 birds.

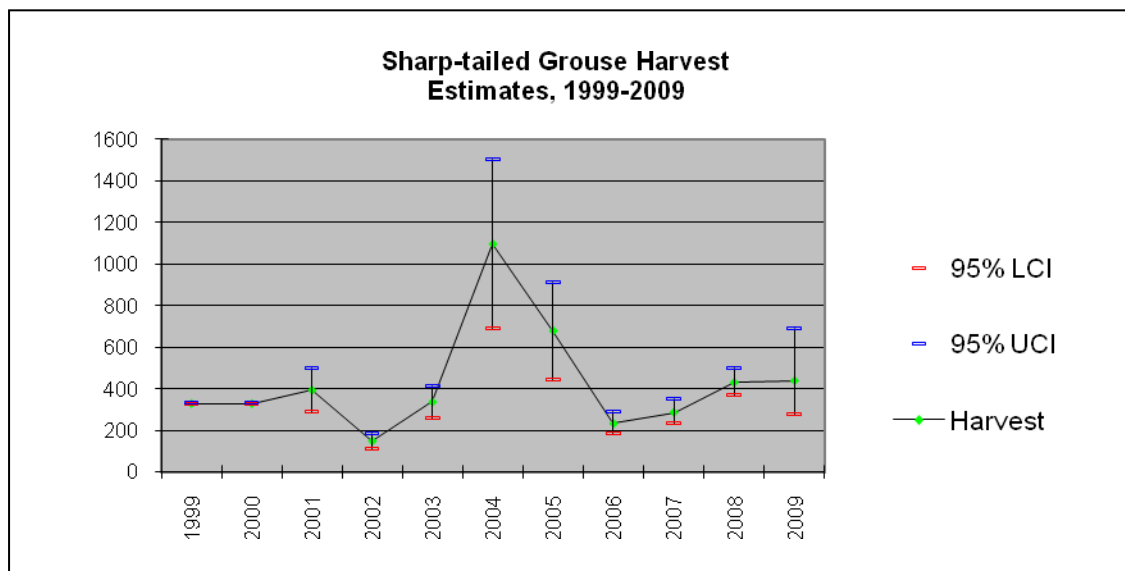
Sixty-seven percent reported being satisfied with their sharp-tailed grouse hunting experience and 65.6% reported no crowding. Statewide harvest was estimated at **439 \pm 202 (279 – 690)**.

Comparison with 2008 survey results:

Harvest was similar to 2008 when an estimated 430 \pm 67 (369 – 501) grouse were harvested. Hunter numbers decreased from 344 \pm 96 (261 – 453) in 2008 to 260 \pm 81 (191 – 352) in 2009. Days hunted decreased slightly from 881 \pm 237 in 2008 to 801 \pm 333 in 2009.

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.



**2009 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)
Not Likely to hunt	50	29	17	142	116	76	36	373	17	17	3	85
Somewhat likely to hunt	73	23	40	134	271	131	110	665	95	63	29	308
Very Likely to hunt	97	16	70	134	311	74	196	492	175	68	84	365
Very likely to hunt > 4 years	40	7	28	57	103	24	66	161	152	42	89	258
Total	260	41	191	352	801	170	531	1209	439	103	279	690

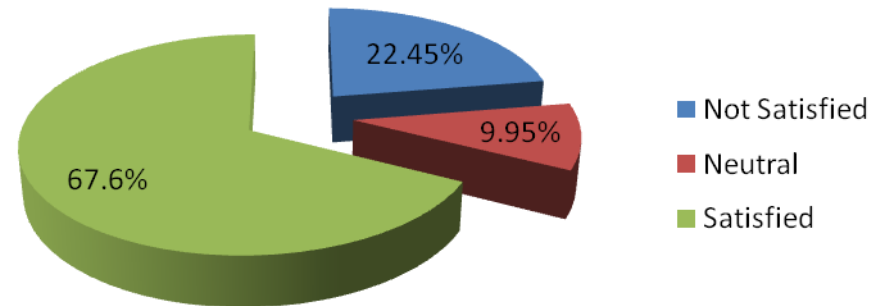
**2009 Sharp-tailed Grouse harvest,
by county**

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	122	21	88	170	450	133	88	170	331	88	88	170
Saguache	7	7	1	37	15	15	1	37	44	44	1	37
Moffat	76	24	42	139	193	91	42	139	35	17	42	139
Unknown	36	19	14	95	73	31	14	95	17	17	14	95
Grand	2	2	0	11	2	2	0	11	4	4	0	11
Rio Blanco	30	19	10	92	59	37	10	92	0	0	10	92
Mesa	3	3	1	15	6	6	1	15	0	0	1	15
Weld	3	3	1	15	0	0	1	15	0	0	1	15
Total	260	41	191	352	801	170	531	1209	439	103	279	690

Sharp-tailed Grouse satisfaction, 2009

Satisfaction	Total	CUM
Strong dissatis.	3.14%	3.14%
Somewhat dissatis.	8.14%	11.27%
Slight dissatis.	11.18%	22.45%
Neutral	9.95%	32.40%
Slightly satisf.	4.65%	37.05%
Somewhat satis.	14.86%	51.90%
Strong satis.	48.10%	100.00%

Satisfaction, Sharp-tailed Grouse, 2009



Sharp-tailed Grouse crowding, 2009

Crowding	Total
Not at all	65.63%
Slightly	23.30%
Moderately	9.10%
Extremely	1.98%

Crowding, Sharp-tailed Grouse, 2009

