

2010 Sharp-tailed grouse Harvest Report

The 2010 sharp-tailed grouse report provides information on the estimated harvest of mountain sharp-tailed grouse. A stratified random sample of 3,024 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 \geq 4 years

The post-season survey, conducted by telephone and email, contacted 1,501 (42.8% response rate) hunters. In total, 73 respondents, or 4.8%, reported they had hunted sharp-tailed grouse in 2010. The number of birds harvested ranged from 0 (1 respondent) to 12 (1 respondent), with 17 hunters reporting a harvest of 2 birds.

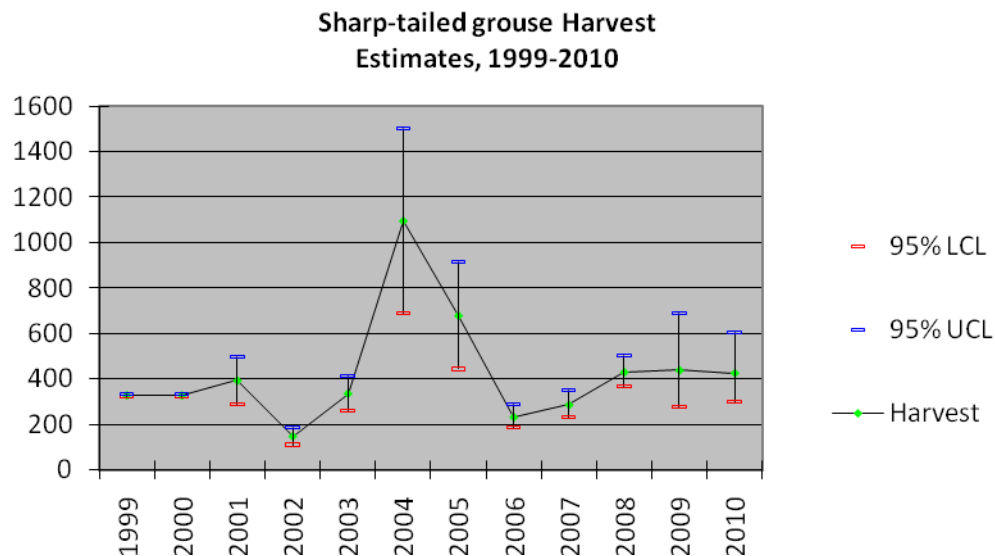
Eighty percent reported being satisfied with their sharp-tailed grouse hunting experience and 57.8% reported no crowding. Statewide harvest was estimated at **426 \pm 149 (301 – 603)**.

Comparison with 2009 survey results:

Harvest was similar to 2009 when an estimated 439 \pm 202 (279 – 690) grouse were harvested. Hunter numbers in 2010, **241 \pm 79 (177 – 370)**, were similar to 2009 when 260 \pm 81 (191 – 352) reported hunting. Days hunted decreased slightly from 801 \pm 333 in 2009 to **718 \pm 267 (496 – 1,039)** in 2010.

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.



**2010 Sharp-tailed grouse harvest,
by strata**

Strata	Hunters	SE (Hunters)	LCL (Hunters)	UCL (Hunters)	Days Hunted	SE (Days Hunted)	LCL (Days Hunted)	UCL (Days Hunted)	Harvest	SE (Harvest)	LCL (Harvest)	UCL (Harvest)
Not Likely to hunt	37	26	11	127	128	98	34	487	0	0	0	0
Somewhat Likely	81	24	46	144	177	58	95	330	88	42	37	213
Very Likely	94	15	69	128	322	70	212	490	257	60	164	402
Very Likely for >4 years	29	5	21	41	91	27	51	162	81	23	47	140
Total	241	39	177	330	718	137	496	1039	426	76	301	603

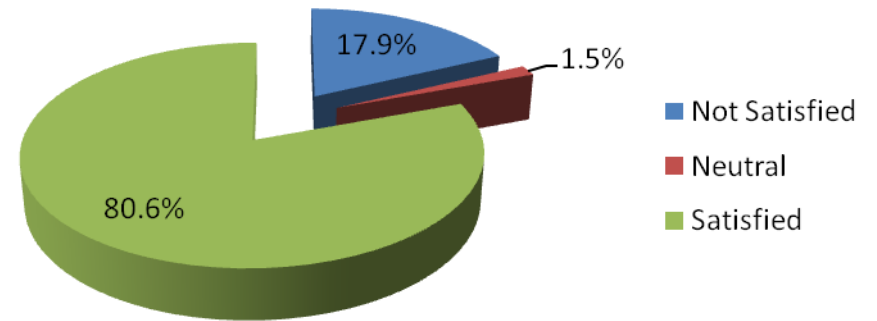
**2010 Sharp-tailed grouse harvest,
by county**

County	Hunters	SE (Hunters)	LCL (Hunters)	UCL (Hunters)	Days Hunted	SE (Days Hunted)	LCL (Days Hunted)	UCL (Days Hunted)	Harvest	SE (Harvest)	LCL (Harvest)	UCL (Harvest)
Routt	183	32	130	257	538	121	130	257	338	67	130	257
Moffat	44	15	23	83	78	26	23	83	73	35	23	83
Rio Grande	7	7	1	38	15	15	1	38	7	7	1	38
Unknown	4	2	1	10	9	5	1	10	7	5	1	10
Larimer	37	26	11	128	37	26	11	128	0	0	11	128
Jackson	18	18	4	94	0	0	4	94	0	0	4	94
Conejos	7	7	1	38	0	0	1	38	0	0	1	38
Boulder	3	3	1	13	0	0	1	13	0	0	1	13
Park	3	3	1	13	0	0	1	13	0	0	1	13
Rio Blanco	3	3	1	13	31	31	1	13	0	0	1	13
El Paso	1	1	0	6	0	0	0	6	0	0	0	6
Teller	1	1	0	6	0	0	0	6	0	0	0	6
Total	241	39	177	330	718	137	496	1039	426	76	301	603

Sharp-tailed grouse satisfaction, 2010

Satisfaction	Total	CUM
Strong dissatis.	7.90%	7.90%
Somewhat dissatis.	3.26%	11.16%
Slight dissatis.	6.75%	17.90%
Neutral	1.52%	19.42%
Slightly satisf.	23.19%	42.61%
Somewhat satis.	25.29%	67.90%
Strong satis.	32.10%	100.00%

Satisfaction, Sharp-tailed Grouse, 2010



Sharp-tailed grouse crowding, 2010

Crowding	Total
Not at all	57.71%
Slightly	19.94%
Moderately	18.08%
Extremely	4.27%

Crowding, Sharp-tailed Grouse, 2010

