

2008 Sharp-tailed Grouse Harvest Report

The 2008 Sharp-tailed grouse report provides information on the estimated harvest of mountain sharp-tailed grouse. A stratified random sample of 3,542 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, contacted 1,500 (42% response rate) hunters. In total, 79 respondents, or 5.2% reported they had hunted sharp-tailed grouse. The number of birds harvested ranged from 0 (38 respondents) to 12 (1 respondent), with 21 hunters reporting a harvest of 2 birds.

64% reported being satisfied with their sharp-tailed grouse hunting experience and 64% reported no crowding. Statewide harvest was estimated at 430 ± 67 (369 – 501).

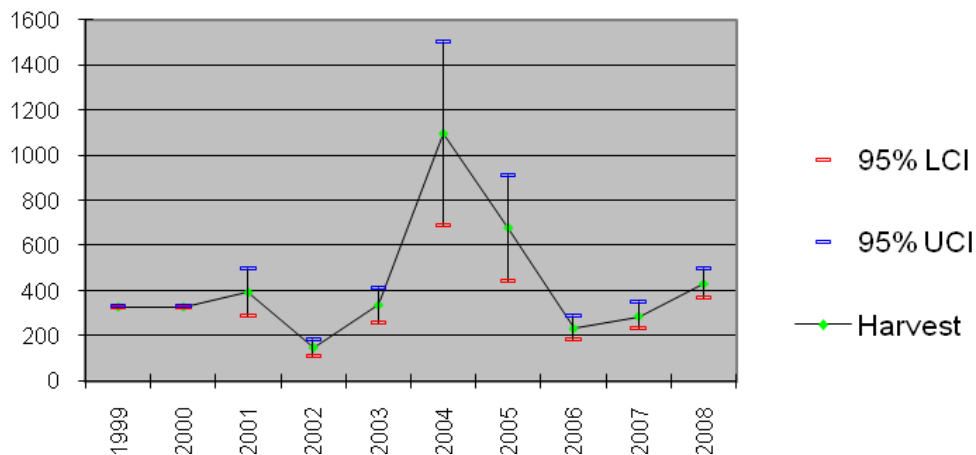
Comparison with 2007 survey results:

Harvest was higher than 2007 when an estimated 286 ± 59 (233 – 350) grouse were harvested. Hunter numbers increased from 185 ± 55 in 2007 to 344 ± 96 (261 – 453) in 2008. Days hunted increased from 453 ± 149 in 2007 to 881 ± 237 in 2008.

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.

Sharp-tailed Grouse Harvest
Estimates, 1999-2008



**2008 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	78	38	32	193	118	60	46	303	59	13	38	90
Somewhat likely to hunt	107	26	66	172	321	91	186	552	76	14	53	109
Very Likely to hunt	127	15	100	161	340	50	256	452	210	25	167	264
Very likely to hunt ≥ 4 years	32	3	37	39	102	16	75	138	85	12	64	112
Total	344	49	261	453	881	121	674	1152	430	34	369	501

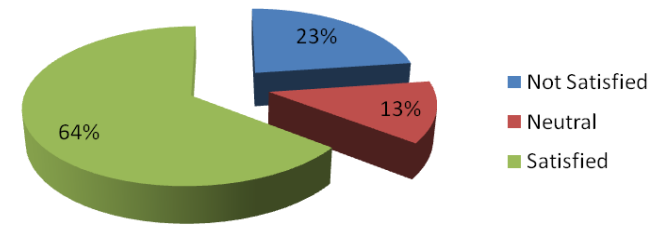
**2008 Sharp-tailed Grouse harvest,
by county**

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	175	29	119	231	380	51	279	481	358	72	217	499
Moffat	64	28	9	119	129	37	56	202	31	10	11	51
Garfield	3	3	1	13	3	3	1	3	0	0	0	0
Dolores	8	7	2	36	15	14	3	72	23	21	5	108
Rio Blanco	11	8	0	26	52	43	0	137	13	11	3	52
Summit	3	3	1	13	6	5	2	26	0	0	0	0
Unknown	76	26	25	127	237	78	85	389	0	0	0	0
Total	344	49	261	453	881	121	674	1152	430	34	369	501

Sharp-tailed Grouse satisfaction, 2008

Satisfaction	1	2	3	4	Total
Strong dissatis.	25.0	7.1	10.0	4.8	8.9%
Somewhat dissatis.	25.0	0.0	2.5	4.8	3.8%
Slight dissatis.	0.0	21.4	7.5	9.5	10.1%
Neutral	25.0	21.4	12.5	4.8	12.7%
Slightly satisf.	0.0	21.4	5.0	14.3	10.1%
Somewhat satis.	0.0	14.3	20.0	9.5	15.2%
Strong satis.	25.0	14.3	42.5	52.4	39.2%

Satisfaction, Sharp-tailed Grouse, 2008



Sharp-tailed Grouse crowding, 2008

Crowding	1	2	3	4	Total
Not at all	50.0	50.0	7.0	52.4	63.8%
Slightly	50.0	35.7	5.0	19.0	17.2%
Moderately	0.0	14.3	2.0	19.0	8.6%
Extremely	0.0	0.0	0.0	9.5	10.3%

Crowding, Sharp-tailed Grouse, 2008

