

## 2011 Sage-grouse Harvest Report

The 2011 Sage-grouse report provides information on the estimated harvest of Sage-grouse. A post-season harvest survey was conducted by phone and email. A stratified random sample of 3,498 potential Sage-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 for 4 or more years

### Harvest Data Summary

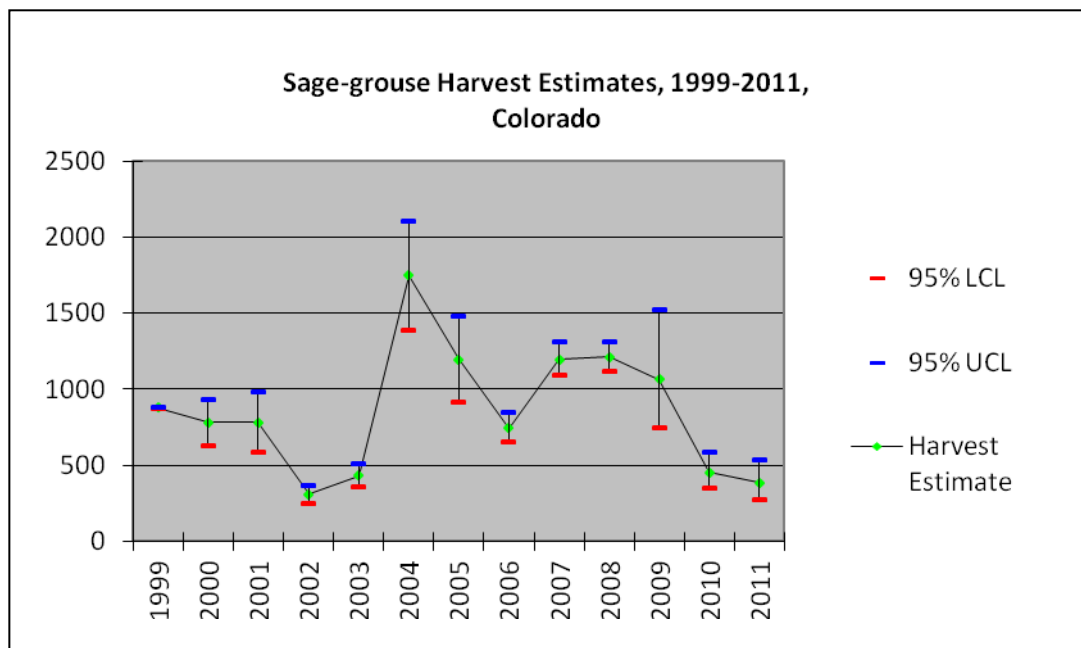
The survey contacted 1,508 (43.1% response rate) hunters in 2011. Approximately 8% (120) reported hunting Sage-grouse during the season. Days hunted ranged from 1 (34 hunters) to 19 (1 hunter) and individual harvest ranged from 1 (22 hunters) to 15 (1 hunter). Fifty-seven percent reported being satisfied with their Sage-grouse hunting experience, compared to 65% in 2010. **Statewide harvest was estimated at 383 ± 128 (274-534).**

### Comparison with 2010 survey results:

Comparing the figures for the Sage-grouse season for both years, the estimated harvest was lower than 2010 when an estimated 451 ± 117 (348 – 584) birds were harvested. Hunter numbers decreased from 622 ± 115 (517 – 748) in 2010 to **269 ± 42 (230 – 315)** in 2011. Total days hunted decreased from 1,302 ± 313 (1,024 – 1,654) in 2010 to **728 ± 172 (576 – 921)** in 2011.

### Hunter Statistics and Harvest by Strata, County and Population

Summary tables provide estimates of hunter numbers, days in the field and Sage-grouse harvest state and by county. Estimates are followed by the standard error of the estimate, and 95% upper (UCI) and lower (LCI) confidence intervals around the estimate.



### 2011 Sage-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	11	5	5	26	53	28	20	140	7	7	1	35
Somewhat Likely	26	8	15	46	52	19	26	105	26	10	12	55
Very Likely	84	13	61	114	244	57	154	384	175	56	94	324
Very Likely for >4 years	148	14	122	178	379	57	283	508	175	31	125	246
<b>Total</b>	269	22	230	315	728	88	576	921	383	65	274	534

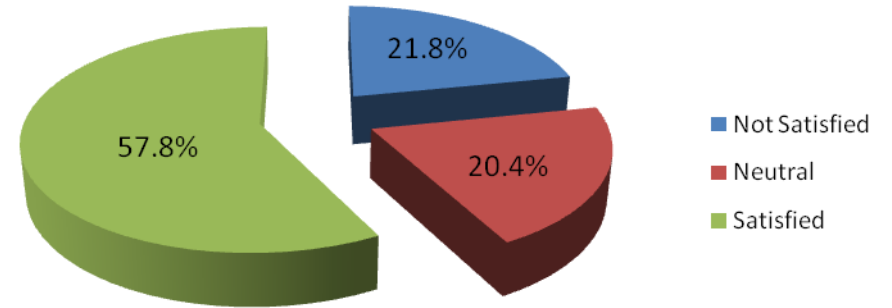
### 2011 Sage-grouse Harvest by County

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)
Moffat	107	15	82	139	252	42	82	139	188	45	82	139
Grand	68	12	48	96	177	52	48	96	95	41	48	96
Jackson	73	12	53	101	149	34	53	101	53	15	53	101
Routt	21	7	11	39	108	59	11	39	17	15	11	39
Eagle	5	3	1	16	11	9	1	16	8	8	1	16
Rio Blanco	7	4	2	20	24	16	2	20	7	7	2	20
Gunnison	2	2	0	13	10	10	0	13	5	5	0	13
Summit	12	5	5	28	19	9	5	28	2	2	5	28
Saguache	2	2	0	12	2	2	0	12	2	2	0	12
Unknown	5	3	1	17	10	8	1	17	2	2	1	17
Jefferson	2	2	0	11	4	4	0	11	2	2	0	11
Clear Creek	2	2	0	12	2	2	0	12	0	0	0	12
Lake	2	2	0	12	9	9	0	12	0	0	0	12
Teller	2	2	0	13	2	2	0	13	0	0	0	13
<b>Total</b>	269	22	230	315	728	88	576	921	383	65	274	534

**Sage-grouse Satisfaction by strata, 2011**

<b>Satisfaction</b>	<b>Total</b>	<b>CUM</b>
Strong dissatis.	12.35%	12.35%
Somewhat dissatis.	6.28%	18.63%
Slight dissatis.	3.21%	21.83%
Neutral	20.40%	42.23%
Slightly satisf.	6.15%	48.38%
Somewhat satis.	27.30%	75.68%
Strong satis.	24.32%	100.00%

**Satisfaction, Sage-grouse, 2011**



**Sage-grouse Crowding by strata, 2011**

<b>Crowding</b>	<b>Total</b>
Not at all	72.15%
Slightly	14.48%
Moderately	7.32%
Extremely	6.05%

**Crowding, Sage-grouse, 2011**

