

## 2007 Sage Grouse Harvest Report

The 2007 Sage Grouse report provides information on the estimated harvest of sage grouse. A post-season harvest survey was conducted by phone. A stratified random sample of 3540 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

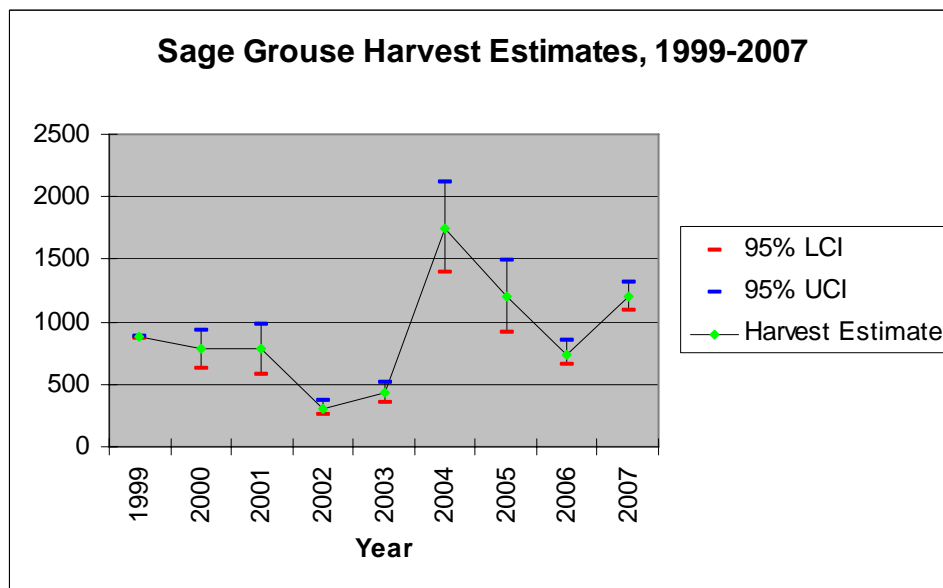
1,509 (42% response rate) hunters were contacted. 170 hunters (11.2%) reported hunting sage grouse during the season. Days hunted ranged from 1 (60 hunters) to 14 (1 hunter) and individual harvest ranged from 1 (26 hunters) to 12 (1 hunter). Eighty-five percent reported being satisfied with their Sage Grouse hunting experience, compared to 67% in 2005. **Statewide harvest was estimated at  $1,197 \pm 56^*(1.96)$  or  $\sim (1,092 - 1313)$ .**

### Comparison with 2006 survey results:

Comparing the figures for the sage grouse season for both years, the estimated harvest was up in 2007 from an estimated  $745 \pm 50(1.96)$  ( $654 - 849$ ) birds harvested in 2006. Hunter numbers increased from  $676 \pm 151$  in 2006 to  $1,037 \pm 175$  in 2007. Total days hunted increased from  $1,401 \pm 345$  in 2006 to  $2,279 \pm 226$  in 2007.

### 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.



### 2007 Sage 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	210	63	118	374	442	137	244	801	274	28	225	333
Somewhat likely to hunt	384	55	290	508	861	150	613	1209	421	33	362	490
Very Likely to hunt	379	29	325	441	845	97	674	1058	422	34	362	493
Very likely to hunt $\geq$ 4 years	64	6	53	78	131	18	99	172	80	12	60	107
<b>Total</b>	<b>1037</b>	<b>89</b>	<b>877</b>	<b>1226</b>	<b>2279</b>	<b>226</b>	<b>1878</b>	<b>2766</b>	<b>1197</b>	<b>56</b>	<b>1092</b>	<b>1313</b>

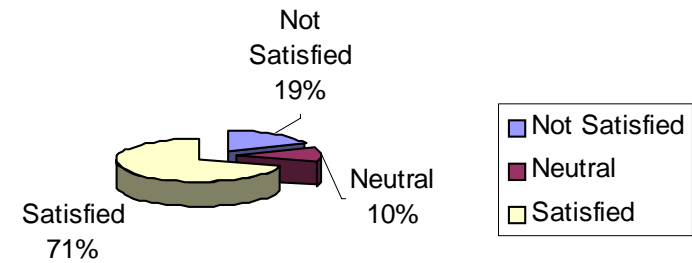
### 2007 Sage Grouse Harvest by County

Population	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)
Moffat	327	54	237	451	775	139	547	1099	595	123	399	887
Jackson	405	53	313	524	774	125	565	1060	323	73	208	501
Grand	121	32	73	200	258	72	151	442	122	62	48	313
Unknown	44	24	16	118	125	67	47	333	92	82	20	413
Rio Blanco	75	25	39	143	183	69	89	374	34	23	10	113
Routt	17	10	6	51	17	10	6	51	9	9	2	45
Boulder	9	9	2	45	9	9	2	45	9	9	2	45
Dolores	8	5	3	24	12	8	4	38	8	7	2	35
Chaffee	9	9	2	45	28	27	6	134	0	0	0	0
Park	8	5	3	24	12	8	4	38	0	0	0	0
Pitkin	16	16	3	80	16	16	3	80	0	0	0	0
Summit	13	9	4	47	60	53	14	266	0	0	0	0
<b>Total</b>	<b>1037</b>	<b>89</b>	<b>877</b>	<b>1226</b>	<b>2279</b>	<b>226</b>	<b>1878</b>	<b>2766</b>	<b>1197</b>	<b>56</b>	<b>1092</b>	<b>1313</b>

### Sage Grouse Satisfaction by strata, 2007

Satisfaction	1	2	3	4	Total
Strong dissatis.	10.0	12.2	3.2	20.8	4.3%
Somewhat dissatis.	20.0	9.8	4.9	7.7	5.5%
Slight dissatis.	10.0	7.3	1.6	0.0	9.1%
Neutral	10.0	9.8	4.9	0.0	10.3%
Slightly satisf.	0.0	9.8	6.6	0.0	12.5%
Somewhat satis.	40.0	14.6	21.3	30.8	23.4%
Strong satis.	10.0	36.6	49.2	61.5	35.0%

### Sage Grouse Satisfaction, 2007



### Sage Grouse Crowding by strata, 2007

Crowding	1	2	3	4	Total
Not at all	7.0	27.0	65.0	9.0	63.5%
Slightly	2.0	10.0	19.0	11.0	24.7%
Moderately	1.0	4.0	8.0	3.0	9.4%
Extremely	0.0	0.0	3.0	1.0	2.4%

### Sage Grouse Crowding, 2007

