

## 2006 Sage Grouse Harvest Report

The 2006 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 2500 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

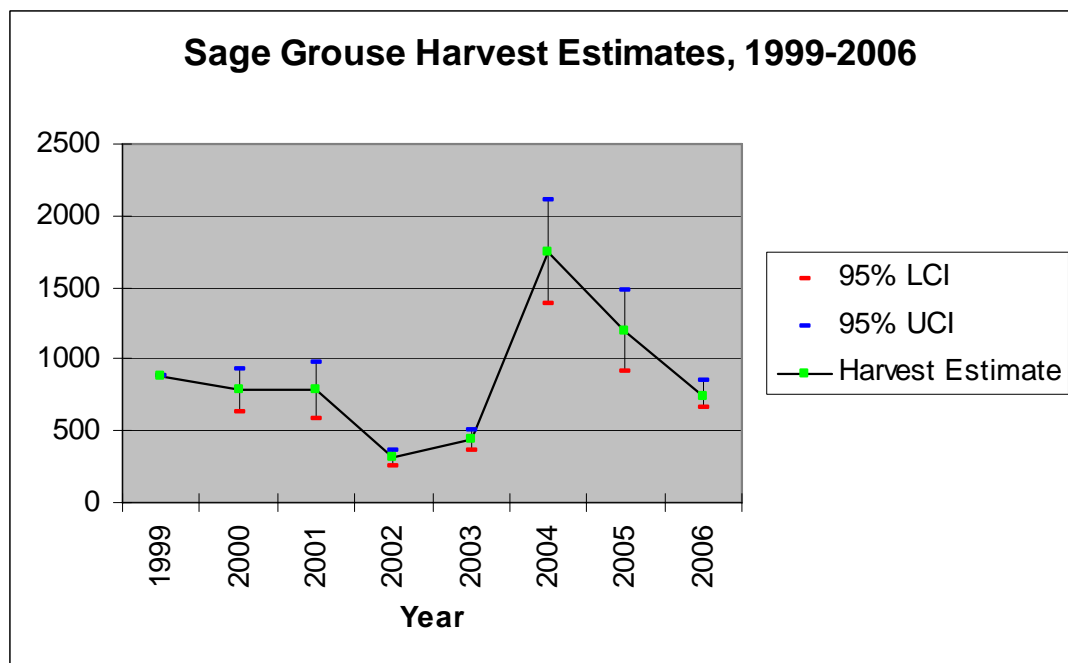
860 (35% response rate) hunters were contacted. 88 hunters (10.2%) reported hunting sage grouse during the season. Days hunted ranged from 1 (31 hunters) to 8 (1 hunter) and individual harvest ranged from 1 (25 hunters) to 12 (1 hunter). Eighty-five percent reported being satisfied with their Sage Grouse hunting experience, compared to 67% in 2005. **Statewide harvest was estimated at  $745 \pm 98$  (654 – 849).**

### Comparison with 2005 survey results:

Comparing the figures for the sage grouse season for both years, the estimated harvest was down in 2006 from an estimated  **$1,197 \pm 286$  (911 – 1,484)** birds harvested in 2005. Hunter numbers decreased from  $1,012 \pm 129$  in 05 to  $676 \pm 151$  in 2006. Total days hunted decreased from  $2,429 \pm 433$  to  $1,401 \pm 345$  in 2006.

### **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.



### 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	33	33	7	167	33	33	7	167	0	0	0	0
Somewhat likely to hunt	212	56	127	353	408	126	225	738	114	20	81	161
Very Likely to hunt	390	40	319	477	869	117	667	1131	562	44	483	655
Very likely to hunt $\geq$ 4 years	41	6	31	53	91	19	60	138	69	11	51	95
<b>Total</b>	<b>676</b>	<b>77</b>	<b>542</b>	<b>843</b>	<b>1401</b>	<b>176</b>	<b>1096</b>	<b>1791</b>	<b>745</b>	<b>50</b>	<b>654</b>	<b>849</b>

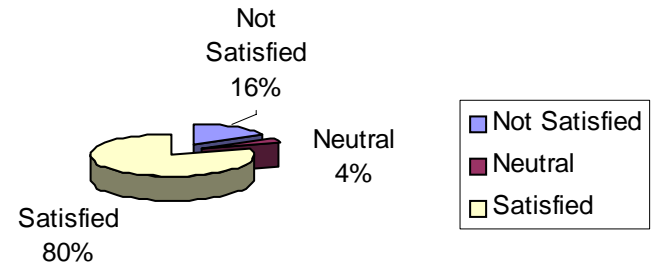
### 2006 Sage Grouse Harvest by County

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	138	31	104	184	308	74	227	418	294	74	214	404
Jackson	228	39	183	284	375	66	299	470	197	46	146	266
Rio Blanco	29	18	14	60	68	49	30	156	88	79	33	238
Routt	19	10	7	51	64	48	17	235	77	70	17	355
Grand	139	46	92	210	329	109	217	500	70	36	28	179
Unknown	22	17	9	53	39	33	15	100	13	12	3	59
Eagle	13	8	4	41	26	19	7	91	6	6	1	30
Delta	16	16	3	80	33	32	7	161	0	0	0	0
Gilpin	6	6	1	30	6	6	1	30	0	0	0	0
La Plata	6	6	1	30	13	12	3	59	0	0	0	0
Montezuma	6	6	1	30	6	6	1	30	0	0	0	0
Ouray	6	6	1	30	64	59	14	296	0	0	0	0
Pitkin	16	16	3	80	16	16	3	80	0	0	0	0
Summit	22	17	9	53	35	24	16	78	0	0	0	0
Weld	6	6	1	30	19	18	4	89	0	0	0	0
<b>Total</b>	<b>676</b>	<b>77</b>	<b>542</b>	<b>843</b>	<b>1401</b>	<b>176</b>	<b>1096</b>	<b>1791</b>	<b>745</b>	<b>50</b>	<b>654</b>	<b>849</b>

**Sage Grouse, Satisfaction  
2006**

Satisfaction	1	2	3	4	Total
Strong dissatis.	0.0	15.4	11.5	0.0	9.6%
Somewhat dissatis.	0.0	0.0	4.9	7.7	4.3%
Slight dissatis.	0.0	7.7	1.6	0.0	2.1%
Neutral	100.0	0.0	4.9	0.0	4.3%
Slightly satisf.	0.0	15.4	6.6	0.0	6.4%
Somewhat satis.	0.0	7.7	21.3	30.8	20.2%
Strong satis.	0.0	53.9	49.2	61.5	53.2%

**Sage Grouse Satisfaction**



**Sage Grouse, Crowding  
2006**

Crowding	1	2	3	4	Total
Not at all	100.0	0.0	70.5	69.2	68.8%
Slightly	0.0	7.7	18.0	0.0	15.6%
Moderately	0.0	7.7	4.9	23.1	9.1%
Extremely	0.0	0.0	6.6	7.7	6.5%

**Sage Grouse, Crowding, 2006**

