

2008 Sage Grouse Harvest Report

The 2008 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 3,562 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

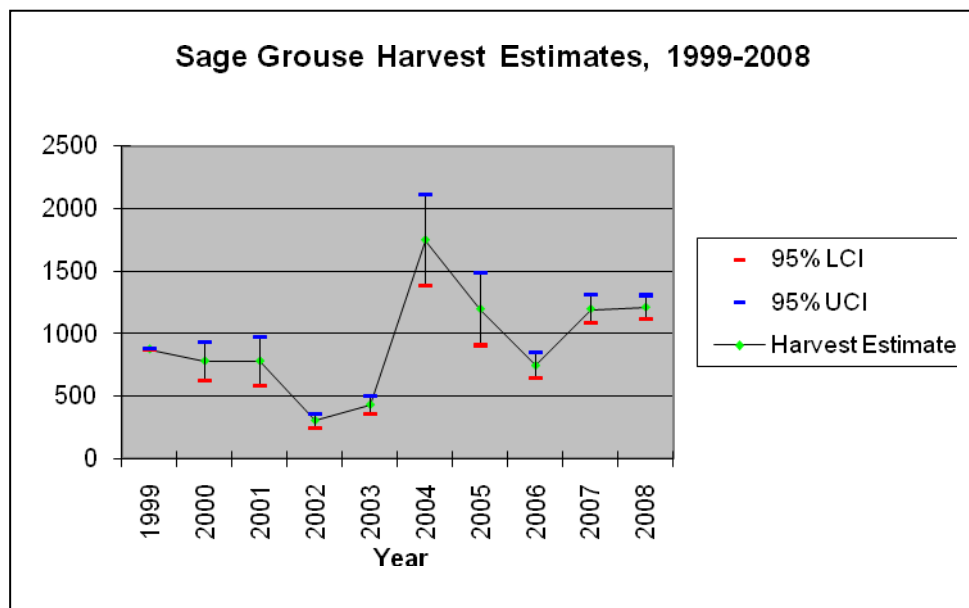
1,501 (42% response rate) hunters were contacted. 239 hunters (15.9%) reported hunting sage grouse during the season. Days hunted ranged from 1 (57 hunters) to 35 (1 hunter) and individual harvest ranged from 1 (32 hunters) to 6 (2 hunters). Sixty-six percent reported being satisfied with their sage grouse hunting experience, compared to 85% in 2007. **Statewide harvest was estimated at $1,211 \pm 94$ or $\sim (1,121 - 1308)$.**

Comparison with 2007 survey results:

Comparing the figures for the sage grouse season for both years, the estimated harvest was similar to 2007 when an estimated **$1,197 + 56*(1.96)$ or $\sim (1,092 - 1313)$** birds were harvested. Hunter numbers increased from **$1,037 + 175$** in 2007 to **$1245 + 180 (1077-1439)$** in 2008. Total days hunted increased from **$2,279 + 226$** in 2007 to **$3,617 + 727 (2960-4420)$** in 2008.

Hunter Statistics and Harvest by Strata, County and Population

Summary tables provide estimates of hunter numbers, days in the field and Sage Grouse harvest by strata 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.



2008 Sage Grouse Harvest by Strata

Strata	Hunters	SE	LCI	UCI	Days	SE	LCI	UCI	Harvest	SE	LCI	UCI
		(Hunters)	(Hunters)	(Hunters)	(Hunted)	(Days)	(Days)	(Days)		(Harvest)	(Harvest)	(Harvest)
Not Likely to hunt	214	61	124	369	719	241	379	1363	272	25	227	326
Somewhat likely to hunt	530	63	419	669	1534	254	1124	2095	374	28	323	434
Very Likely to hunt	403	27	354	460	1136	139	894	1442	414	27	364	471
Very likely to hunt \geq 4 years	98	6	87	110	228	17	197	263	151	12	128	177
Total	1245	92	1077	1439	3617	371	2960	4420	1211	48	1121	1308

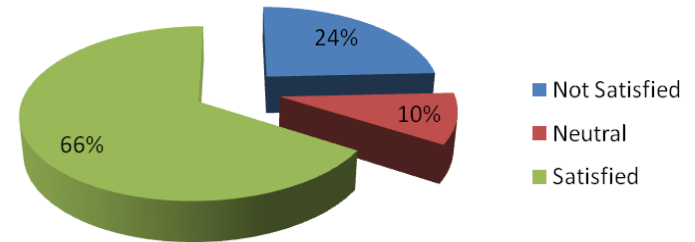
2008 Sage Grouse Harvest by County

Population	Hunters	SE	LCI	UCI	Days	SE	LCI	UCI	Harvest	SE	LCI	UCI
		(Hunters)	(Hunters)	(Hunters)	(Hunted)	(Days)	(Days)	(Days)		(Harvest)	(Harvest)	(Harvest)
Jackson	382	49	287	477	850	180	497	1203	421	79	266	576
Moffat	416	61	295	537	962	160	649	1275	384	75	237	531
Grand	155	30	95	215	528	150	233	823	123	60	5	241
Unknown	139	30	81	197	657	186	293	1021	66	40	0	144
Rio Blanco	48	17	16	80	151	68	17	285	66	27	14	118
Mesa	19	19	4	96	97	95	20	481	58	57	12	289
Routt	9	9	2	44	27	26	6	131	0	0	0	0
Boulder	9	9	2	44	9	9	2	44	0	0	0	0
Archuleta	4	3	1	15	14	12	3	60	0	0	0	0
Delta	4	3	1	15	7	6	2	30	0	0	0	0
Fremont	2	1	1	6	9	6	3	28	0	0	0	0
Logan	4	3	1	15	7	6	2	30	0	0	0	0
Summit	13	9	4	47	60	53	14	266	0	0	0	0
Phillips	2	1	1	6	4	2	1	11	0	0	0	0
Pitkin	9	9	2	44	9	9	2	4	0	0	0	0
San Miguel	4	3	1	15	11	9	3	45	0	0	0	0
Total	1245	92	1077	1439	3617	371	2960	4420	1211	48	1121	1308

Sage Grouse Satisfaction by strata, 2008

Satisfaction	1	2	3	4	Total
Strong dissatis.	27.3	10.3	9.6	8.9	10.5%
Somewhat dissatis.	18.2	10.3	4.9	7.7	8.4%
Slight dissatis.	0.0	6.9	1.6	0.0	5.4%
Neutral	0.0	19.0	4.9	0.0	9.6%
Slightly satisf.	0.0	8.6	6.6	0.0	7.1%
Somewhat satis.	27.3	19.0	21.3	30.8	25.5%
Strong satis.	27.3	25.9	49.2	61.5	33.5%

Satisfaction, Sage Grouse, 2008



Sage Grouse Crowding by strata, 2008

Crowding	1	2	3	4	Total
Not at all	7.0	37.0	79.0	31.0	64.4%
Slightly	2.0	11.0	20.0	13.0	19.2%
Moderately	1.0	8.0	13.0	9.0	13.0%
Extremely	1.0	2.0	2.0	3.0	3.3%

Crowding, Sage Grouse, 2008

