

2009 Sage Grouse Harvest Report

The 2009 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 3,558 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 1,544 (43.3% response rate) hunters in 2009. Approximately 13% (198) reported hunting sage grouse during the season. Days hunted ranged from 2 (84 hunters) to 30 (1 hunter) and individual harvest ranged from 1 (24 hunters) to 12 (1 hunter). Fifty-eight percent reported being satisfied with their sage grouse hunting experience, compared to 66% in 2008. **Statewide harvest was estimated at $1,063 \pm 382$ or $\sim (744 - 1,519)$.**

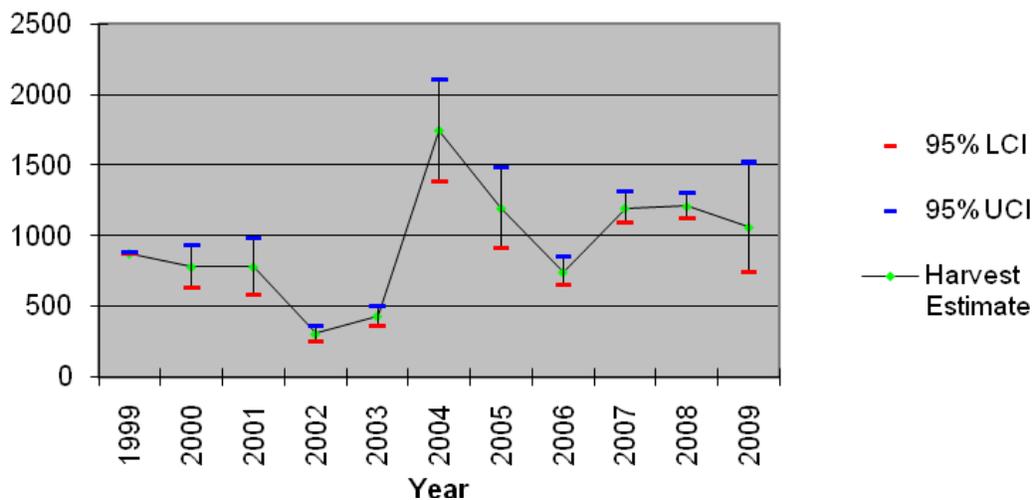
Comparison with 2008 survey results:

Comparing the figures for the sage grouse season for both years, the estimated harvest was slightly lower than 2008 when an estimated $1,211 \pm 94$ (1,121 – 1308) birds were harvested. Hunter numbers decreased from 1245 ± 180 (1077-1439) in 2008 to $1,102 \pm 176$ (940 – 1293) in 2009. Total days hunted decreased from $3,617 \pm 727$ (2960-4420) in 2008 to $2,726 \pm 647$ (2,151 – 3,454) in 2009.

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 Estimates, 1999-2009



2009 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	244	61	151	395	537	140	324	888	49	28	17
Somewhat Likely	460	58	359	589	1221	285	778	1916	436	173	206	924
Very Likely	300	29	248	361	756	88	603	948	460	82	325	652
Very Likely for >3 years	99	10	81	122	212	28	164	275	118	22	82	170
Total	1102	90	940	1293	2726	330	2151	3454	1063	195	744	1519

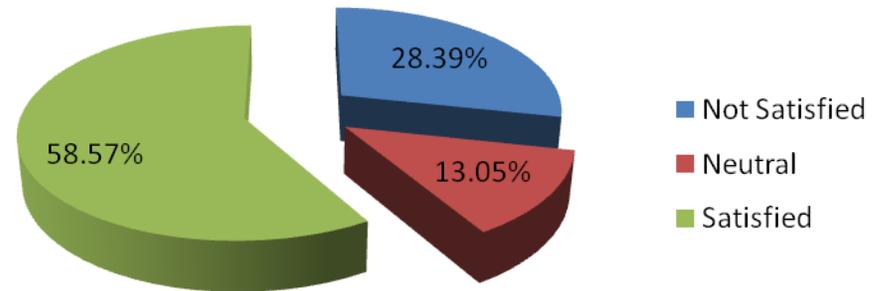
2009 Sage Grouse Harvest by County

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	285	44	211	386	640	105	211	386	507	94	211
Jackson	318	44	243	417	642	101	243	417	244	54	243	417
Grand	195	43	128	299	675	262	128	299	236	161	128	299
Unknown	133	35	80	221	323	110	80	221	37	19	80	221
Rio Blanco	74	25	39	139	173	59	39	139	25	13	39	139
Summit	59	26	26	136	146	67	26	136	14	14	26	136
Las Animas	16	16	3	83	33	33	3	83	0	0	3	83
Garfield	11	9	3	43	23	17	3	43	0	0	3	43
Routt	11	9	3	43	34	24	3	43	0	0	3	43
Gunnison	8	8	2	41	16	16	2	41	0	0	2	41
La Plata	8	8	2	41	24	24	2	41	0	0	2	41
Mesa	8	8	2	41	24	24	2	41	0	0	2	41
Archuleta	4	4	1	18	14	14	1	18	0	0	1	18
Delta	4	4	1	18	4	4	1	18	0	0	1	18
Larimer	2	2	0	12	2	2	0	12	0	0	0	12
Total	1102	90	940	1293	2726	330	2151	3454	1063	195	744	1519

Sage Grouse Satisfaction by strata, 2009

Satisfaction	Total	CUM
Strong dissatis.	8.30%	8.30%
Somewhat dissatis.	7.44%	15.73%
Slight dissatis.	12.66%	28.39%
Neutral	13.05%	41.43%
Slightly satisf.	7.37%	48.80%
Somewhat satis.	17.03%	65.83%
Strong satis.	34.17%	100.00%

Satisfaction, Sage Grouse, 2009



Sage Grouse Crowding by strata, 2009

Crowding	Total
Not at all	69.10%
Slightly	21.85%
Moderately	6.75%
Extremely	2.30%

Crowding, Sage Grouse, 2009

