

2010 Sage-grouse Harvest Report

The 2010 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 3,057 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 1,527 (49.9% response rate) hunters in 2010. Approximately 11% (172) reported hunting Sage-grouse during the season. Days hunted ranged from 1 (75 hunters) to 25 (1 hunter) and individual harvest ranged from 1 (20 hunters) to 5 (2 hunters). Sixty-five percent reported being satisfied with their Sage-grouse hunting experience, compared to 58% in 2009. **Statewide harvest was estimated at 451 ± 117 (348 – 584).**

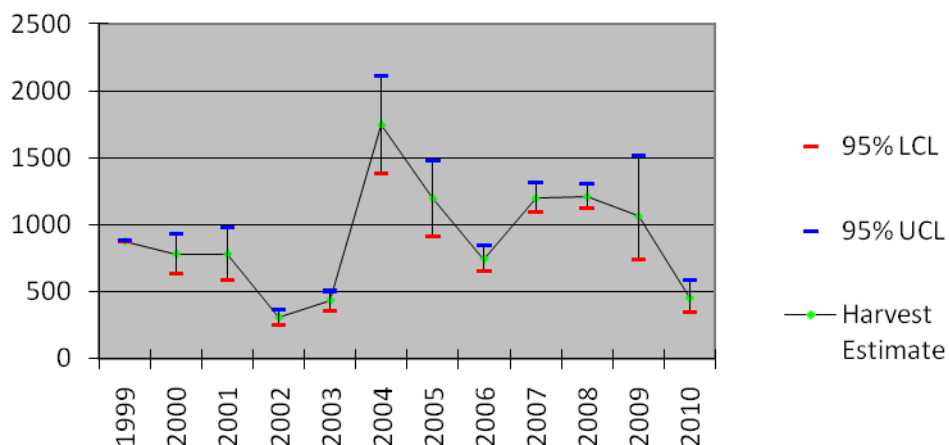
Comparison with 2009 survey results:

Comparing the figures for the Sage-grouse season for both years, the estimated harvest was significantly lower than 2009 when an estimated 1,063 ± 382 (744 – 1,519) birds were harvested. Hunter numbers decreased from 1,102 ± 176 (940 – 1293) in 2009 to **622 ± 115 (517 – 748)** in 2010. Total days hunted decreased from 2,726 ± 647 (2,151 – 3,454) in 2009 to **1,302 ± 313 (1,024 – 1,654)** in 2010.

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, 1999-2010



2010 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	60	34	21	171	140	91	44	450	0	0	0
Somewhat Likely	203	39	140	296	360	100	211	615	102	37	51	204
Very Likely	265	25	220	319	564	71	441	721	238	42	168	335
Very Likely for >4 years	93	8	78	111	238	46	163	347	111	20	78	159
Total	622	59	517	748	1302	160	1024	1654	451	60	348	584

2010 Sage-grouse Harvest by County

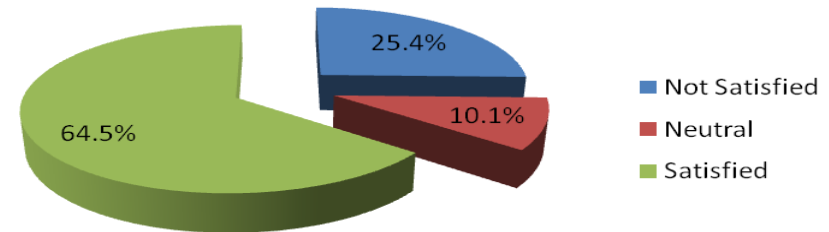
County	Hunters	SE (Hunters)	LCL (Hunters)	UCL (Hunters)	Days Hunted	SE (Days Hunted)	LCL (Days Hunted)	UCL (Days Hunted)	Harvest	SE (Harvest)	LCL (Harvest)	UCL (Harvest)
	Moffat	176	26	132	234	454	78	132	234	214	41	132
Jackson	237	37	175	320	366	68	175	320	176	37	175	320
Summit	59	18	33	106	79	23	33	106	35	22	33	106
Grand	90	19	59	136	227	80	59	136	17	9	59	136
Rio Blanco	34	22	11	108	97	81	11	108	6	6	11	108
Routt	34	12	18	65	31	28	18	65	3	3	18	65
Montezuma	31	22	9	107	20	20	9	107	0	0	9	107
Archuleta	31	13	14	68	0	0	14	68	0	0	14	68
La Plata	26	20	7	101	0	0	7	101	0	0	7	101
Rio Grande	23	20	5	101	0	0	5	101	0	0	5	101
Ouray	20	20	4	102	0	0	4	102	0	0	4	102
Unknown	19	10	7	48	6	4	7	48	0	0	7	48
Garfield	17	9	6	47	8	8	6	47	0	0	6	47
Gunnison	16	11	4	54	0	0	4	54	0	0	4	54
Delta	11	8	3	42	0	0	3	42	0	0	3	42
Custer	8	8	2	40	0	0	2	40	0	0	2	40
Douglas	8	8	2	40	8	8	2	40	0	0	2	40
Larimer	8	8	2	40	0	0	2	40	0	0	2	40

Eagle	6	4	2	21	3	3	2	21	0	0	2	21
Alamosa	3	3	1	16	0	0	1	16	0	0	1	16
Boulder	3	3	1	16	0	0	1	16	0	0	1	16
Conejos	3	3	1	16	0	0	1	16	0	0	1	16
Dolores	3	3	1	16	0	0	1	16	0	0	1	16
Mesa	3	3	1	16	0	0	1	16	0	0	1	16
Pueblo	3	3	1	16	0	0	1	16	0	0	1	16
Fremont	2	2	0	9	0	0	0	9	0	0	0	9
Montrose	2	2	0	9	0	0	0	9	0	0	0	9
Total	622	59	517	748	1302	160	1024	1654	451	60	348	584

Sage-grouse Satisfaction by strata, 2010

Satisfaction	Total	CUM
Strong dissatis.	8.31%	8.31%
Somewhat dissatis.	10.35%	18.66%
Slight dissatis.	6.74%	25.40%
Neutral	10.08%	35.48%
Slightly satisf.	6.25%	41.73%
Somewhat satis.	22.07%	63.80%
Strong satis.	36.20%	100.00%

Satisfaction, Sage-grouse, 2010



Sage-grouse Crowding by strata, 2010

Crowding	Total
Not at all	73.09%
Slightly	17.08%
Moderately	9.84%
Extremely	0.00%

Crowding, Sage-grouse, 2010

