

# Chukar Partridge Harvest Report 2000

A post-season harvest survey was conducted by phone.

A stratified random sample of 2500 chukar hunters was drawn from among HIP participants. 1729 (69% response rate) hunters were contacted.

Of those surveyed, 94 or 5% reported they had hunted chukars. The number of birds harvested ranged from 0 (47 respondents) to 15 (1 respondent).

73% reported being satisfied with their chukar hunting experience and 84% reported no crowding.

**Statewide harvest estimate =  $621 \pm 202$  (419 -823).**

## **Comparison with 1999 survey results:**

Harvest was down from 1999 when an estimated  $893 \pm 10$  birds were harvested. Correspondingly hunter numbers decreased from  $545 \pm 157$  in 1999 to  $297 \pm 84$  in 2000 and days hunted dropped from an estimated  $1794 \pm 23$  in 1999 to  $1118 \pm 437$  in 2000. All differences are statistically significant at the 95% confidence level.

Harvest results are provided by county and strata.

## **Harvest by Strata and County**

Summary tables provide estimates of hunter numbers, days in the field and chukar harvest by strata and county. Estimates are followed by the standard error of the estimate, and 95% upper (UCI) and lower (LCI) confidence intervals around the estimate. For example, the estimated number of chukar hunters in Mesa County is 95 plus or minus 1.96(SE) or  $1.96(17)=34$ . The range of the estimate is 61 to 129. Estimates of days in the field and harvest are interpreted the same way. Statewide totals are given at the bottom of each column.

**(The output wraps around.)**

**Chukar Harvest 2000  
Summary of Sample Data**

chukstrata	Frequency	Cumulative Percent	Cumulative Frequency	Percent
Will not hunt	745	43.31	745	43.31
Somewhat likely	456	26.51	1201	69.83
Very likely	519	30.17	1720	100.00

**Hunted during Season?**

hunt	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	94	5.47	94	5.47
No	1626	94.53	1720	100.00

**Table of chukstrata by Hunt**

chukstrata	hunt(Hunted during season?)		Total
	Yes	No	
Frequency			
Percent			
Row Pct			
Col Pct			
Will not hunt	5	740	745
	0.29	43.02	43.31
	0.67	99.33	
	5.32	45.51	
Somewhat likely	7	449	456
	0.41	26.10	26.51
	1.54	98.46	
	7.45	27.61	
Very likely	82	437	519
	4.77	25.41	30.17
	15.80	84.20	
	87.23	26.88	
Total	94	1626	1720
	5.47	94.53	100.00

**Satisfied with Hunt?**

satisfy	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Strongly Dis.	8	8.51	8	8.51
Somewhat Dis.	7	7.45	15	15.96
Slightly Dis.	2	2.13	17	18.09
Neutral	8	8.51	25	26.60
Slightly Sat.	7	7.45	32	34.04
Somewhat Sat.	27	28.72	59	62.77
Strongly Sat.	35	37.23	94	100.00

### Feel Crowded?

crowded	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not at all	79	84.04	79	84.04
Slightly	7	7.45	86	91.49
Moderately	6	6.38	92	97.87
Extremely	2	2.13	94	100.00

### Total Harvest

totharv	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	35	37.23	35	37.23
1	14	14.89	49	52.13
2	7	7.45	56	59.57
3	4	4.26	60	63.83
4	14	14.89	74	78.72
5	4	4.26	78	82.98
6	6	6.38	84	89.36
7	1	1.06	85	90.43
8	3	3.19	88	93.62
10	2	2.13	90	95.74
11	1	1.06	91	96.81
15	1	1.06	92	97.87
19	1	1.06	93	98.94
21	1	1.06	94	100.00

### Counties Hunted in Sample

County	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Delta	17	16.67	17	16.67
Dolores	1	0.98	18	17.65
Eagle	2	1.96	20	19.61
Garfield	15	14.71	35	34.31
Gunnison	1	0.98	36	35.29
Mesa	42	41.18	78	76.47
Moffat	4	3.92	82	80.39
Montrose	17	16.67	99	97.06
Rio Blanco	2	1.96	101	99.02
San Miguel	1	0.98	102	100.00

Estimated Hunter Number, Days Hunted, and Harvest by Strata

chukstrata	Estimated Hunters	SE(Hunters)	LCI (Hunters)	UCI (Hunters)	Days Hunted	Estimated SE(Days Hunted)	LCI(Days Hunted)
Will not hunt	69	30	11	127	317	200	-75
Somewhat likely	82	29	24	139	199	79	43
Very likely	146	10	126	166	603	61	484
<b>Statewide Total</b>	<b>297</b>	<b>43</b>	<b>213</b>	<b>381</b>	<b>1118</b>	<b>223</b>	<b>680</b>

  

UCI(Days Hunted)	Estimated Harvest	SE(Harvest)	LCI (Harvest)	UCI (Harvest)	Not Retrieved	SE(Not Ret.)	LCI(Not. Ret.)	UCI(Not. Ret.)
708	83	56	-28	193	0	0	0	0
354	82	68	-51	215	0	0	0	0
722	457	54	351	562	16	5	7	26
<b>1556</b>	<b>621</b>	<b>103</b>	<b>419</b>	<b>824</b>	<b>16</b>	<b>5</b>	<b>7</b>	<b>26</b>

Estimated Hunter Number, Days Hunted, and Harvest by County

County	Estimated Hunters	SE(Hunters)	LCI (Hunters)	UCI (Hunters)	Estimated Days Hunted	SE(Days Hunted)	LCI(Days Hunted)	UCI(Days Hunted)
Delta	48	16	16	80	142	45	55	230
Dolores	14	13	-12	40	69	66	-61	199
Eagle	16	13	-11	42	212	186	-152	577
Garfield	52	22	9	95	190	57	78	302
Gunnison	0	0	0	0	5	4	-2	12
Mesa	95	17	61	129	312	50	213	411
Moffat	5	2	1	9	18	6	5	31
Montrose	30	5	21	40	121	29	65	177
Rio Blanco	25	17	-9	59	37	26	-14	88
San Miguel	12	11	-10	34	12	11	-10	34
<b>Statewide Total</b>	<b>297</b>	<b>43</b>	<b>213</b>	<b>381</b>	<b>1118</b>	<b>223</b>	<b>680</b>	<b>1556</b>

  

Estimated Harvest	SE(Harvest)	LCI (Harvest)	UCI (Harvest)	Not Retrieved	SE(Not Ret.)	LCI(Not. Ret.)	UCI(Not. Ret.)
75	18	40	110	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
140	78	-14	294	0	0	0	0
5	4	-2	12	0	0	0	0
239	43	155	324	11	4	3	19
21	12	-2	45	0	0	0	0
87	22	44	131	5	3	0	11
53	41	-28	134	0	0	0	0
0	0	0	0	0	0	0	0
<b>621</b>	<b>103</b>	<b>419</b>	<b>824</b>	<b>16</b>	<b>5</b>	<b>7</b>	<b>26</b>