

Chukar Partridge Harvest Report 2001

A post-season harvest survey was conducted by phone.

A stratified random sample of 2500 chukar hunters was drawn from among HIP participants. 2020 (81% response rate) hunters were contacted.

Of those surveyed, 108 or 5% reported they had hunted chukars. The number of birds harvested ranged from 0 (59 respondents) to 20 (1 respondent). There is always the chance that some individuals included game farm birds harvested on game preserves (although the survey specifically asks they not be included).

75% reported being satisfied with their chukar hunting experience and 87% reported no crowding.

Statewide harvest estimate = 597 ± 210 (388 -806).

Comparison with 2000 survey results:

Harvest was down from 2000 when an estimated 621 ± 10 birds were harvested. However, hunter numbers increased from 297 ± 84 in 2000 to 411 ± 109 in 2001 and days hunted increased from an estimated 1118 ± 437 in 2000 to 1407 ± 360 in 2001. 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 126 plus or minus 1.96(SE) or 1.96(27)=53. The range of the estimate is 73 to 180. 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.)

2001 CHUKAR HARVEST SUMMARY

chukstrata	Frequency	Percent	Frequency	Percent
Will not hunt	831	41.16	831	41.16
Somewhat likely	541	26.80	1372	67.95
Very likely	647	32.05	2019	100.00

Hunted during season?

hunt	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	108	5.35	108	5.35
No	1910	94.65	2018	100.00

Table of chukstrata by hunt

chukstrata	hunt(Hunted during season?)		
	Yes	No	Total
Frequency			
Percent			
Row Pct			
Col Pct			
Will not hunt	2	829	831
	0.10	41.12	41.22
	0.24	99.76	
	1.89	43.40	
Somewhat likely	15	526	541
	0.74	26.09	26.84
	2.77	97.23	
	14.15	27.54	
Very likely	89	555	644
	4.41	27.53	31.94
	13.82	86.18	
	83.96	29.06	
Total	106	1910	2016
	5.26	94.74	100.00

Satisfied with hunt?

satisfy	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Strongly Dis.	13	11.82	13	11.82
Somewhat Dis.	8	7.27	21	19.09
Slightly Dis.	4	3.64	25	22.73
Neutral	2	1.82	27	24.55
Slightly Sat.	9	8.18	36	32.73
Somewhat Sat.	32	29.09	68	61.82
Strongly Sat.	42	38.18	110	100.00

Feel crowded?

crowded	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not at all	97	87.39	97	87.39
Slightly	9	8.11	106	95.50
Moderately	3	2.70	109	98.20
Extremely	2	1.80	111	100.00

Possibly hunting another species?

other	Frequency	Percent	Cumulative Frequency	Cumulative Percent
No	3	100.00	3	100.00

Total harvest (reported by respondents)

totharv	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	59	54.63	59	54.63
1	6	5.56	65	60.19
2	13	12.04	78	72.22
3	7	6.48	85	78.70
4	10	9.26	95	87.96
5	1	0.93	96	88.89
6	3	2.78	99	91.67
7	2	1.85	101	93.52
8	1	0.93	102	94.44
9	2	1.85	104	96.30
12	2	1.85	106	98.15
15	1	0.93	107	99.07
20	1	0.93	108	100.00

County hunted (reported by respondents)

county	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Delta	24	21.05	24	21.05
Eagle	3	2.63	27	23.68
Garfield	7	6.14	34	29.82
Mesa	45	39.47	79	69.30
Moffat	7	6.14	86	75.44
Montrose	26	22.81	112	98.25
Rio Blanco	2	1.75	114	100.00

Estimated Harvest by Strata

chukstrata	Estimated Hunters	SE(Hunters)	LCI (Hunters)	UCI (Hunters)	Estimated Days Hunted	SE(Days Hunted)	LCI(Days Hunted)
Will not hunt	32	22	-11	76	81	56	-30
Somewhat likely	205	50	106	304	547	156	240
Very likely	174	12	151	196	779	78	626
Total	411	56	301	521	1407	184	1047

UCI(Days Hunted)	Estimated Harvest	SE(Harvest)	LCI (Harvest)	UCI (Harvest)	Not Retrieved	SE(Not Ret.)	LCI(Not. Ret.)	UCI(Not. Ret.)
191	32	31	-29	94	16	16	-15	47
853	178	88	5	350	0	0	0	0
933	387	51	286	487	21	7	8	34
1767	597	107	388	806	37	17	4	70

Estimated 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	92	27	40	145	230	62	108	351
Eagle	32	20	-8	72	63	41	-17	144
Garfield	24	16	-7	55	90	50	-7	187
La Plata	2	1	-1	4	4	3	-1	9
Mesa	126	27	73	180	445	93	263	626
Moffat	49	23	4	93	105	50	7	203
Montezuma	2	1	-1	4	70	48	-24	164
Montrose	79	23	33	125	382	113	160	604
Rio Blanco	4	2	0	7	11	6	-0	23
Saguache	2	1	-1	4	8	5	-3	18
State Total	411	56	301	521	1407	184	1047	1767

Estimated Harvest	SE(Harvest)	LCI (Harvest)	UCI (Harvest)	Not Retrieved	SE(Not Ret.)	LCI(Not. Ret.)	UCI(Not. Ret.)
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169	52	67	272	15	6	3	27
0	0	0	0	0	0	0	0
47	32	-15	110	16	16	-15	47
4	3	-1	9	0	0	0	0
205	64	79	330	0	0	0	0
15	9	-3	33	0	0	0	0
0	0	0	0	0	0	0	0
157	58	43	270	6	3	-0	11
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
597	107	388	806	37	17	4	70