

Band-tailed Pigeon (btp) Harvest 2000

A post-season harvest survey was conducted by phone.

A stratified random sample of 2332 btp hunters was drawn from among HIP participants. As part of the HIP process, migratory bird hunters are asked whether they hunted btp in the previous season (1999). We then assume that they had obtained a permit to hunt btp in 1999. They are also given the opportunity to obtain a permit for that year. In the last HIP cycle (4/1/00 through 3/31/01), 4054 hunters obtained a permit for 2000.

The sample is stratified to focus more heavily on repeat btp hunters or those who hunted in 1999 and obtained a permit for 2000. Hunters who did **not** hunt btp in 1999 but did obtain a 2000 permit and those who did not obtain a permit were sampled less heavily. This is the basis for the variable $\Delta btpstrat$ and stratified results.

If $btpstrat = 1$ then no permit was obtained.

If $btpstrat = 2$ then a permit was obtained for 2000 but did not hunt in 1999.

If $btpstrat = 3$ then a permit was obtained for 2000 and did hunt in 1999.

1654 hunters were contacted (71% response rate).

Of those surveyed, 90 or 5% reported hunting btp (0 hunters when $btpstrat=1$, 22 hunters when $btpstrat=2$ and 68 hunters when $btpstrat=3$). The number of birds harvested from 0 to 26.

74% reported being satisfied with their btp hunting experience.

Harvest results are provided by strata and by county. Also included is data on number of pigeons observed by county, dates hunted, pigeons bagged for each Δbag period and habitat hunted.

Statewide harvest estimate = 287 ± 81 (206 - 368).

Statewide hunter number estimate = 178 ± 30 (148 - 208).

00 Band-tailed Pigeon Harvest Survey Results Band-tail Strata versus Other Variables

Number of days	SE(Days	LCI(Days	UCI(Days
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btpstrat	hunted	Hunted)	Hunted)	Hunted)
No permit	0	0	0	0
Did not hunt 99	356	85	190	522
Hunted 99	312	25	263	362
State Total	668	89	494	842

btpstrat	Birds bagged	SE(Bagged)	LCI (Bagged)	UCI (Bagged)
No permit	0	0	0	0
Did not hunt 99	71	27	18	125
Hunted 99	215	31	155	276
State Total	286	41	206	368

btpstrat	Birds lost	SE(Lost)	LCI (Lost)	UCI (Lost)
No permit	0	0	0	0
Did not hunt 99	4	3	-2	9
Hunted 99	6	2	2	10
State Total	9	2	5	13

**00 Band-tailed Pigeon Harvest Survey Results
Dates Hunted (reported by hunters contacted)**

Obs	DateBagged	Number of Days Hunted
1	Bagged Sep 1-3	42
2	Bagged Sep 4-8	13
3	Bagged Sep 9-10	27
4	Bagged Sep 11-15	34
5	Bagged Sep 16-17	20
6	Bagged Sep 18-22	11
7	Bagged Sep 23-24	20
8	Bagged Sep 25-29	4
9	Bagged Sep 30	11

**00 Band-tailed Pigeon Harvest Survey Results
Hunters by County**

County	Number of Hunters	SE(Hunters)	95% LCI	95% UCI
Alamosa	1	1	-0	3
Archuleta	5	3	-1	11
Boulder	7	3	0	13

Clear Creek	1	1	-0	3
Custer	7	3	0	13
Delta	11	4	4	18
Dolores	1	1	-0	3
Douglas	4	1	2	7
Eagle	7	3	0	13
Fremont	8	3	1	15
Garfield	3	1	1	5
Gilpin	1	1	-0	3
Gunnison	1	1	-0	3
Huerfano	4	1	2	7
La Plata	11	4	4	18
Larimer	33	7	20	47
Las Animas	9	4	0	17
Mesa	10	4	1	19
Moffat	1	1	-0	3
Montezuma	4	3	-2	9
Montrose	3	1	1	5
Park	3	1	1	5
Pitkin	7	3	0	13
Pueblo	12	5	2	23
Rio Blanco	1	1	-0	3
Rio Grande	3	1	1	5
Routt	1	1	-0	3
Saguache	6	2	3	9
San Juan	1	1	-0	3
Summit	7	4	-1	16
Teller	3	1	1	5
State Total	178	15	148	208

00 Band-tailed Pigeon Harvest Survey Results Summary by Counties

County	Hunters	SE(Hunters)	LCI (Hunters)	UCI (Hunters)	Days Hunted
Alamosa	1	1	-0	3	4
Archuleta	5	3	-1	11	19
Boulder	7	3	0	13	23
Clear Creek	1	1	-0	3	1
Custer	7	3	0	13	16
Delta	11	4	4	18	81
Dolores	1	1	-0	3	7
Douglas	4	1	2	7	35
Eagle	7	3	0	13	14
Fremont	8	3	1	15	24
Garfield	3	1	1	5	16
Gilpin	1	1	-0	3	1
Gunnison	1	1	-0	3	3

SE(Days Hunted)	LCI(Days Hunted)	UCI(Days Hunted)	Estimated Harvest	SE(Harvest)	LCI (Harvest)
2	-0	9	4	2	-0
9	1	37	29	17	-3
13	-2	48	20	13	-4
1	-0	3	1	1	-0
7	2	30	3	2	-0
33	17	146	16	9	-2
4	-1	15	0	0	0
15	5	65	38	22	-4
7	1	28	0	0	0
9	6	42	28	10	8
6	3	29	6	3	-1
1	-0	3	0	0	0
2	-0	6	0	0	0

UCI (Harvest)	Not Retrieved	SE(Not Ret.)	LCI(Not. Ret.)	UCI(Not. Ret.)
9	3	2	-0	6
62	3	2	-0	6
45	0	0	0	0
3	0	0	0	0
6	0	0	0	0
34	0	0	0	0
0	0	0	0	0
81	0	0	0	0
0	0	0	0	0
47	0	0	0	0
12	0	0	0	0
0	0	0	0	0
0	0	0	0	0

00 Band-tailed Pigeon Harvest Survey Results Summary by Counties

County	Hunters	SE(Hunters)	LCI (Hunters)	UCI (Hunters)	Days Hunted
Huerfano	4	1	2	7	10
La Plata	11	4	4	18	25
Larimer	33	7	20	47	123
Las Animas	9	4	0	17	34
Mesa	10	4	1	19	19
Moffat	1	1	-0	3	3
Montezuma	4	3	-2	9	4
Montrose	3	1	1	5	7
Park	3	1	1	5	3
Pitkin	7	3	0	13	58
Pueblo	12	5	2	23	49
Rio Blanco	1	1	-0	3	1
Rio Grande	3	1	1	5	16

SE(Days Hunted)	LCI(Days Hunted)	UCI(Days Hunted)	Estimated Harvest	SE(Harvest)	LCI (Harvest)
3	4	17	12	5	2
8	9	40	37	12	12
37	51	195	15	8	-2
18	-1	70	21	14	-5
10	-0	38	11	9	-7
2	-0	6	3	2	-0
3	-2	9	0	0	0
3	1	13	0	0	0
1	1	5	0	0	0
45	-31	147	3	2	-0
24	3	96	30	19	-7
1	-0	3	0	0	0
8	1	31	13	7	-1

UCI (Harvest)	Not Retrieved	SE(Not Ret.)	LCI(Not. Ret.)	UCI(Not. Ret.)
21	0	0	0	0
61	0	0	0	0
31	4	3	-2	9
48	0	0	0	0
28	0	0	0	0
6	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
6	0	0	0	0
67	0	0	0	0
0	0	0	0	0
28	0	0	0	0

**00 Band-tailed Pigeon Harvest Survey Results
Summary by Counties**

County	Hunters	SE(Hunters)	LCI (Hunters)	UCI (Hunters)	Days Hunted
Routt	1	1	-0	3	1
Saguache	6	2	3	9	16
San Juan	1	1	-0	3	4
Summit	7	4	-1	16	57
Teller	3	1	1	5	10

SE(Days Hunted)	LCI(Days Hunted)	UCI(Days Hunted)	Estimated Harvest	SE(Harvest)	LCI (Harvest)
1	-0	3	0	0	0
5	7	25	0	0	0
2	-0	9	0	0	0
43	-27	141	4	3	-2
4	2	18	6	3	-1

UCI (Harvest)	Not Retrieved	SE(Not Ret.)	LCI(Not. Ret.)	UCI(Not. Ret.)
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
9	0	0	0	0
12	0	0	0	0

**00 Band-tailed Pigeon Harvest Survey Results
Habitat Types Where BT Pigeons Were Observed**

The FREQ Procedure

habitat	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Forest	16	39.02	16	39.02
Feedlots	2	4.88	18	43.90
Agricultural Fields	10	24.39	28	68.29
Shrubland	13	31.71	41	100.00

Forest

obsfor	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	16	100.00	16	100.00

Frequency Missing = 1638

Feedlots

obsfeed	Frequency	Percent	Cumulative Frequency	Cumulative Percent
2	2	100.00	2	100.00

Frequency Missing = 1652

Agricultural Fields

obsag	Frequency	Percent	Cumulative Frequency	Cumulative Percent
3	10	100.00	10	100.00

Frequency Missing = 1644

Shrublands

obsshrb	Frequency	Percent	Cumulative Frequency	Cumulative Percent
4	13	100.00	13	100.00

Frequency Missing = 1641

00 Band-tailed Pigeon Harvest Survey Results Hunter Satisfaction Levels

The FREQ Procedure

Satisfaction Level

satisfy	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Strongly Dis.	9	10.23	9	10.23

Somewhat Dis.	6	6.82	15	17.05
Slightly Dis.	3	3.41	18	20.45
Neutral	5	5.68	23	26.14
Slightly Sat.	16	18.18	39	44.32
Somewhat Sat.	21	23.86	60	68.18
Strongly Sat.	28	31.82	88	100.00

Frequency Missing = 1566

