

2005/06 Small Game Harvest Report

The general small game harvest survey was conducted by phone. A sample of approximately 12% of the hunters in the HIP (Harvest Information Program) database (8,301 out of 67,124) was drawn. The surveyor attempted to contact 70% of the sample within the time allowed. 4,047 hunters were surveyed (48% response rate).

For the 2005/06 survey, for species including chukar, jack rabbits, snow shoe hare, fox and pine squirrel, marmot, coyote, red fox, raccoon, badger, beaver, muskrat, Wyoming ground squirrel, rattlesnake, snapping turtle, and tiger salamander, harvest estimates were not collected, only hunter numbers were estimated.

The report provides estimated statewide harvest, days in the field, and hunter number for 7 small game species; pheasants, scaled, Gambel's and bobwhite quail, cottontail rabbits, blue grouse, and Abert's squirrel. In addition, there are estimates for each of these 7 species by county. Due to the small number of hunters who 1) hunt certain small game species, 2) may have hunted a given species in a given county, and 3) may have been contacted for the harvest survey, **county harvest estimates may be based on a relatively small number of hunter responses**. Harvest estimates (county and statewide) are generated based on the responses of those hunters contacted for the survey. These responses then form the basis of an estimate of species harvest for the small game hunting public at-large.

Those portions of the report that have frequency designations or are pure percentages are based on the actual number of hunters surveyed and their responses to survey questions. ***The harvest figures are estimates of total harvest extrapolated from survey responses.*** The estimates are followed by the standard error (SE) of the estimate which is a measure of the precision of the estimate. The 95% UCI and 95% LCI columns provide the upper and lower values for the 95% confidence interval around the estimate.

So, for example, we estimated statewide harvest of blue grouse at 20,800 with a SE of 1,773. The 95% confidence interval range suggests that between 17,604 to 24,576 blue grouse were harvested during the 2005 small game season.

Other Small Game Species

Species	Hunters	SE(hunters)	LCI	UCI
			Hunters	Hunters
Chukar	816	114	622	1070
Jack Rabbit	2838	208	2458	3277
Snowshoe Hare	799	112	607	1051
Fox Squirrel	340	74	223	517
Pine Squirrel	493	88	348	699
YB Marmot	391	79	264	578
Coyote	11165	386	10434	11947
Red Fox	1071	130	845	1357
Raccoon	493	88	348	699
Badger	153	49	82	284
Beaver	238	62	144	392
Muskrat	221	59	132	371
Striped Skunk	323	72	210	496
Richardson's GS	527	91	376	738
Prairie Rattlesnake	731	108	548	973
Snapping Turtle	119	44	59	238
Tiger Salamander	51	29	18	142

Satisfaction

	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Strongly dissatisfied	70	3.24	70	3.24
Slight.dissatisfied	52	2.41	122	5.64
Somewhat dissatisfied	70	3.24	192	8.88
Neutral	71	3.28	263	12.16
Somewhat satisfied	194	8.97	457	21.14
Slightly satisfied	720	33.30	1177	54.44
Strongly satisfied	985	45.56	2162	100.00



**Statewide Small Game Species Harvest,
2005/06**

Species	Hunters	SE(hunters)	LCI Hunters	UCI Hunters	Days Hunted	SE (Days Hunted)	LCI Days	UCI Days	Harvest	SE(harvest)	LCI Harvest	UCI Harvest
Pheasant	17503	455	16634	18418	78934	3603	72182	86318	52748	3104	47006	59191
Scaled Quail	1767	166	1471	2123	9703	1928	6598	14270	13493	2689	9164	19866
Gambel's Quail	476	87	334	679	1971	541	1162	3343	1359	385	788	2344
Bobwhite Quail	2685	203	2316	3113	12133	1258	9908	14858	12796	2101	9295	17616
Cottontail Rabbit	11233	387	10500	12017	66716	4094	59162	75235	81415	5926	70604	93882
Blue Grouse	7511	327	6898	8179	34599	2049	30811	38852	20800	1773	17604	24576
Abert's Squirrel	374	77	251	558	1342	338	826	2181	697	422	233	2086

2005 Small Game Harvest by County
Pheasants (↓)

County	Hunters	SE(hunters)	LCI	UCI	Days	SE	LCI	UCI	Harvest	SE(harvest)	LCI	UCI
			Hunters	Hunters	Hunted	(Days	Days	Days			Harvest	
Yuma	3959	244	3509	4468	14580	1627	11724	18133	10111	1167	8070	12668
Logan	2464	195	2111	2876	8565	990	6834	10734	6508	1744	3885	10904
Phillips	2242	186	1907	2639	6627	687	5411	8117	6390	1746	3776	10813
Prowers	1427	149	1163	1752	6457	1071	4676	8918	4316	646	3224	5779
KCarson	1495	153	1224	1826	4537	598	3508	5869	4129	674	3005	5674
Weld	1393	148	1133	1714	5455	816	4075	7301	3382	1171	1749	6539
Sedgwick	1291	142	1041	1602	4690	743	3444	6387	3229	650	2185	4771
Baca	697	105	519	935	2243	422	1556	3233	2566	541	1706	3861
Washington	1241	140	996	1545	4486	722	3279	6138	2515	577	1614	3920
Morgan	1427	149	1163	1752	5506	885	4026	7530	2107	539	1286	3453
Delta	408	81	278	598	3161	1555	1269	7873	1937	871	836	4491
Kiowa	357	75	237	537	2073	702	1087	3954	1614	887	590	4417
Cheyenne	374	77	251	558	1207	323	720	2021	1308	389	740	2313
Las Animas	170	52	94	306	612	345	218	1713	1190	764	376	3765
Otero	391	79	264	578	1716	470	1013	2907	884	321	443	1762
Crowley	187	55	107	328	901	383	405	2001	833	521	270	2571
Mesa	306	70	197	476	1478	457	818	2672	680	245	342	1350
Larimer	289	68	183	455	935	270	537	1628	476	177	235	965
Garfield	34	23	10	115	272	248	59	1248	442	382	102	1913
Bent	255	64	157	413	952	378	450	2014	357	166	150	848
Adams	153	49	82	284	476	207	210	1077	323	196	108	967
Lincoln	187	55	107	328	561	189	295	1065	289	159	105	792
El Paso	34	23	10	115	119	89	32	438	255	247	52	1258
Montrose	238	62	144	392	799	250	438	1455	238	104	105	541
Chaffee	34	23	10	115	170	126	47	619	221	199	49	998
Pitkin	17	16	3	84	17	16	3	84	221	214	45	1090
Pueblo	136	47	71	261	442	185	201	971	136	96	39	474
Saguache	85	37	38	192	136	62	58	317	102	74	29	363
Arapahoe	68	33	28	167	153	76	61	382	102	74	29	363
Teller	17	16	3	84	34	33	7	168	68	66	14	335
Eagle	34	23	10	115	85	59	25	293	34	33	7	168

**2005 Small Game Harvest by County
Pheasants, continued.**

Elbert	68	33	28	167	102	52	40	262	17	16	3	84
Jefferson	51	29	18	142	68	40	23	200	17	16	3	84
Boulder	17	16	3	84	17	16	3	84	17	16	3	84
Fremont	34	23	10	115	51	37	14	182	0	0	0	0
Rio Grande	34	23	10	115	68	52	18	258	0	0	0	0
Douglas	17	16	3	84	51	49	10	252	0	0	0	0
Huerfano	17	16	3	84	17	16	3	84	0	0	0	0
Jackson	17	16	3	84	68	66	14	335	0	0	0	0
La Plata	17	16	3	84	34	33	7	168	0	0	0	0
Montezuma	17	16	3	84	17	16	3	84	0	0	0	0
Ouray	17	16	3	84	17	16	3	84	0	0	0	0
Rio Blanco	17	16	3	84	17	16	3	84	0	0	0	0
Routt	17	16	3	84	17	16	3	84	0	0	0	0
Total	17503	455	16634	18418	78934	3603	72182	86318	52748	3104	47006	59191

**2005 Small Game Harvest by County
Scaled quail (↓)**

County	Hunters	SE(hunters)	LCI Hunters	UCI Hunters	Days Hunted	SE (Days Hunted)	LCI Days	UCI Days	Harvest	SE(harvest)	LCI Harvest	UCI Harvest
Kiowa	136	47	71	261	952	671	274	3304	2889	1823	929	8987
Otero	238	62	144	392	935	382	433	2019	1988	978	798	4953
Bent	187	55	107	328	833	374	359	1929	1495	648	663	3371
Las Animas	34	23	10	115	374	331	84	1663	1495	1325	336	6651
Pueblo	323	72	210	496	1291	419	694	2402	1461	477	784	2726
Baca	323	72	210	496	1088	294	646	1832	1258	383	702	2253
Crowley	136	47	71	261	578	244	261	1280	918	366	432	1949
Prowers	221	59	132	371	561	167	317	993	697	225	376	1292
El Paso	102	40	48	215	374	174	157	892	323	184	114	914
Delta	34	23	10	115	1631	1487	355	7491	255	247	52	1258

**2005 Small Game Harvest by County
Scaled quail, continued.**

Fremont	34	23	10	115	119	100	28	500	221	156	64	766
Huerfano	34	23	10	115	204	168	50	836	187	141	50	696
Kit Carson	34	23	10	115	68	52	18	258	85	82	17	419
Adams	17	16	3	84	17	16	3	84	34	33	7	168
Alamosa	17	16	3	84	51	49	10	252	34	33	7	168
Larimer	17	16	3	84	34	33	7	168	34	33	7	168
Logan	17	16	3	84	34	33	7	168	34	33	7	168
Mesa	17	16	3	84	170	165	34	839	34	33	7	168
Phillips	51	29	18	142	170	96	61	477	17	16	3	84
Washington	34	23	10	115	68	52	18	258	17	16	3	84
Sedgwick	17	16	3	84	17	16	3	84	17	16	3	84
Yuma	34	23	10	115	68	52	18	258	0	0	0	0
Total	1767	166	1471	2123	9703	1928	6598	14270	13493	2689	9164	19866

**2005 Small Game Harvest by County
Gambel's quail (↓)**

County	Hunters	SE(hunters)	LCI		UCI		SE (Days Hunted)		LCI		UCI	
			Hunters	Hunters	Hunters	Hunters	Days Hunted	Days Hunted	Days	Days	Harvest	Harvest
Mesa	170	52	94	306	510	212	233	1116	544	283	209	1418
Montrose	51	29	18	142	442	298	133	1465	204	168	50	836
Bent	34	23	10	115	425	340	107	1686	136	96	39	474
Delta	51	29	18	142	221	169	58	835	85	59	25	293
Pueblo	51	29	18	142	136	84	45	415	170	136	43	674
Prowers	51	29	18	142	68	40	23	200	102	70	30	344
Cheyenne	17	16	3	84	51	49	10	252	51	49	10	252
Fremont	17	16	3	84	51	49	10	252	34	33	7	168
Sedgwick	17	16	3	84	34	33	7	168	34	33	7	168
Boulder	17	16	3	84	17	16	3	84	0	0	0	0
Kit Carson	17	16	3	84	17	16	3	84	0	0	0	0
Total	476	87	334	679	1971	541	1162	3343	1359	385	788	2344

2005 Small Game Harvest by County
Bobwhite quail (↓)

County	Hunters	SE(hunters)	LCI	UCI	Days	SE	LCI	UCI	Harvest	SE(harvest)	LCI	UCI
			Hunters	Hunters	Hunted	(Days)	Days	Days			Harvest	Harvest
Logan	425	82	292	619	1665	448	992	2797	1801	740	831	3907
Las Animas	51	29	18	142	391	332	92	1656	1563	1329	368	6637
Morgan	442	84	306	639	1342	337	827	2179	1342	396	763	2363
Otero	170	52	94	306	918	395	409	2058	1325	499	649	2706
Sedgwick	255	64	157	413	1122	410	560	2246	1122	605	417	3019
Bent	136	47	71	261	782	389	311	1964	986	575	341	2848
Yuma	340	74	223	517	1241	335	737	2088	918	278	513	1642
Baca	272	66	170	434	1020	272	609	1706	867	264	483	1554
Prowers	204	57	119	349	1071	413	516	2222	731	297	340	1573
Kiowa	68	33	28	167	204	117	72	578	493	351	140	1729
Delta	34	23	10	115	68	47	20	230	323	256	82	1269
Washington	170	52	94	306	340	116	177	653	255	118	108	603
Fremont	34	23	10	115	102	84	25	418	238	201	57	1000
Phillips	187	55	107	328	544	206	265	1114	204	107	78	535
Cheyenne	34	23	10	115	51	37	14	182	170	165	34	839
Crowley	51	29	18	142	136	102	37	502	85	59	25	293
Saguache	17	16	3	84	68	66	14	335	85	82	17	419
Kit Carson	102	40	48	215	357	197	130	981	51	37	14	182
Pueblo	51	29	18	142	119	86	34	422	51	49	10	252
Weld	51	29	18	142	204	166	50	828	51	37	14	182
Adams	17	16	3	84	34	33	7	168	51	49	10	252
Elbert	17	16	3	84	68	66	14	335	51	49	10	252
Chaffee	17	16	3	84	119	115	24	587	34	33	7	168
Jackson	17	16	3	84	68	66	14	335	0	0	0	0
Jefferson	17	16	3	84	17	16	13	84	0	0	0	0
Lake	17	16	3	84	34	33	7	168	0	0	0	0
Mineral	17	16	3	84	51	49	10	252	0	0	0	0
Total	2685	203	2316	3113	12133	1258	9908	14858	12796	2101	9295	17616

2005 Small Game Harvest by County
Cottontail rabbit (↓)

County	Hunters	SE(hunters)	LCI	UCI	Days	SE	LCI	UCI	Harvest	SE(harvest)	LCI	UCI
			Hunters	Hunters	Hunted	(Days)	Days	Days			Harvest	
Moffat	833	115	636	1089	3501	597	2513	4877	10740	2704	6607	17459
Rio Blanco	561	94	404	778	1937	476	1206	3113	6050	2083	3140	11657
Mesa	952	122	740	1223	5965	1186	4055	8775	5965	1256	3966	8971
Weld	629	100	462	857	3908	903	2500	6111	4707	1417	2643	8385
Pueblo	561	94	404	778	3807	896	2414	6002	3382	762	2186	5231
Garfield	442	84	306	639	1275	314	792	2052	3059	875	1765	5301
Larimer	629	100	462	857	3246	792	2026	5199	2804	796	1625	4837
Otero	272	66	170	434	2311	1276	841	6350	2736	1681	902	8295
Montrose	408	81	278	598	2345	631	1397	3938	2651	732	1559	4509
Arapahoe	119	44	59	238	1393	730	531	3660	2549	1717	769	8451
El Paso	408	81	278	598	2141	752	1097	4178	2192	707	1184	4060
Conejos	187	55	107	328	1393	507	698	2780	2107	930	921	4819
Alamosa	136	47	71	261	1410	689	570	3492	2039	1092	762	5456
Park	612	98	447	837	2124	431	1433	3149	1988	584	1131	3495
Delta	170	52	94	306	1835	864	763	4413	1818	722	859	3850
Rio Grande	238	62	144	392	1444	536	715	2919	1801	662	897	3618
Baca	119	44	59	238	595	252	269	1317	1716	1181	506	5817
Montezuma	221	59	132	371	1122	425	547	2298	1648	666	769	3532
Adams	238	62	144	392	2294	1098	942	5589	1546	618	727	3288
Teller	340	74	223	517	1648	591	833	3260	1393	405	797	2436
Douglas	153	49	82	284	1037	536	399	2693	1393	1009	390	4974
Fremont	238	62	144	392	1597	575	806	3167	1224	551	527	2842
Prowers	289	68	183	455	935	270	537	1628	1207	357	683	2130
Huerfano	102	40	48	215	374	198	141	990	1207	582	492	2959
Kit Carson	221	59	132	371	901	340	441	1840	1071	447	488	2348
Chaffee	153	49	82	284	663	355	248	1772	1037	831	260	4125
Yuma	391	79	264	578	2719	949	1399	5284	1003	340	526	1913
Las Animas	136	47	71	261	714	303	321	1585	901	451	356	2276
Washington	187	55	107	328	408	138	214	777	782	511	243	2518

2005 Small Game Harvest by County
Cottontail rabbit, continued.

Logan	340	74	223	517	1105	317	636	1918	765	222	438	1334
Lake	34	23	10	115	510	420	124	2091	765	600	197	2972
Crowley	119	44	59	238	340	146	152	760	748	318	336	1662
Kiowa	119	44	59	238	697	371	262	1855	612	354	214	1752
Archuleta	85	37	38	192	527	303	184	1504	612	357	212	1769
Saguache	221	59	132	371	646	207	350	1192	595	194	319	1110
Bent	119	44	59	238	493	342	144	1685	595	499	142	2489
Elbert	102	40	48	215	357	161	154	828	578	285	231	1444
Morgan	408	81	278	598	867	237	512	1467	493	161	264	918
La Plata	153	49	82	284	357	129	180	708	459	241	175	1205
Jefferson	119	44	59	238	697	368	263	1843	459	266	160	1319
Routt	102	40	48	215	306	138	132	711	459	210	195	1080
Eagle	136	47	71	261	782	374	321	1905	425	216	166	1085
Lincoln	68	33	28	167	255	133	98	666	425	249	146	1234
Dolores	119	44	59	238	306	123	143	654	357	189	135	944
Phillips	102	40	48	215	408	199	165	1009	323	181	116	901
Boulder	102	40	48	215	408	174	183	910	289	181	93	894
Gunnison	85	37	38	192	238	123	91	619	289	193	88	950
Ouray	51	29	18	142	493	346	142	1705	289	249	67	1248
Jackson	68	33	28	167	187	103	68	513	221	145	69	712
Mineral	34	23	10	115	102	70	30	344	204	198	41	1006
Costilla	34	23	10	115	85	59	25	293	170	119	49	585
San Miguel	51	29	18	142	238	146	79	719	153	106	45	520
Sedgwick	102	40	48	215	204	93	87	479	136	90	42	445
Custer	68	33	28	167	102	52	40	262	136	90	42	445
Cheyenne	34	23	10	115	68	47	20	230	136	104	36	516
Gilpin	68	33	28	167	272	155	96	767	119	68	42	337
Clear Creek	85	37	38	192	374	202	139	1007	85	55	27	269
Grand	68	33	28	167	136	77	48	384	17	16	3	84
Summit	17	16	3	84	119	115	24	587	0	0	0	0
Total	11233	387	10500	12017	66716	4094	59162	75235	81415	5926	70604	93882

2005 Small Game Harvest by County

Blue grouse (↓)

County	Hunters	SE(hunters)	LCI	UCI	Days	SE	LCI	UCI	Harvest	SE(harvest)	LCI	UCI
			Hunters	Hunters	Hunted	(Days)	Days	Days			Harvest	Harvest
Eagle	595	97	433	817	3382	746	2206	5183	2940	855	1681	5140
Routt	918	120	710	1185	3637	616	2615	5057	2532	601	1600	4007
Gunnison	323	72	210	496	1835	673	915	3682	1342	688	521	3458
Grand	578	96	419	798	2158	432	1463	3183	1291	414	700	2384
La Plata	238	62	144	392	1105	360	593	2058	1190	597	470	3012
Jackson	323	72	210	496	1580	436	929	2689	1088	521	447	2649
Montrose	408	81	278	598	1818	418	1166	2836	918	319	474	1777
Rio Blanco	476	87	334	679	1801	425	1141	2843	867	223	528	1422
Archuleta	255	64	157	413	901	251	527	1540	782	274	401	1522
Garfield	289	68	183	455	1139	311	673	1926	765	258	402	1455
Conejos	136	47	71	261	493	198	231	1053	765	341	332	1760
Mesa	357	75	237	537	1495	453	836	2674	697	175	429	1131
Larimer	476	87	334	679	2090	494	1324	3301	646	242	317	1315
Moffat	408	81	278	598	901	202	583	1391	595	159	356	995
Summit	272	66	170	434	1241	422	648	2374	510	161	278	934
Montezuma	187	55	107	328	663	257	318	1380	408	165	190	874
San Miguel	119	44	59	238	578	242	263	1271	391	223	138	1106
Saguache	119	44	59	238	816	363	355	1875	340	230	102	1130
Rio Grande	136	47	71	261	901	401	391	2074	306	194	98	954
Ouray	85	37	38	192	357	155	158	808	272	185	81	911
Mineral	68	33	28	167	153	79	59	397	255	161	82	792
Fremont	51	29	18	142	408	260	130	1279	238	165	70	812
Dolores	136	47	71	261	255	95	126	516	221	97	97	505
Custer	119	44	59	238	544	241	237	1247	204	166	50	828
Pueblo	85	37	38	192	238	123	91	619	187	152	46	755
Lake	85	37	38	192	425	263	139	1298	153	89	53	440
Park	119	44	59	238	323	152	134	776	136	70	53	351
Baca	51	29	18	142	102	62	34	305	136	77	48	384
Pitkin	85	37	38	192	170	77	73	398	102	62	34	305

2005 Small Game Harvest by County
Blue grouse, continued.

Costilla	34	23	10	115	221	172	57	852	102	74	29	363
Yuma	17	16	3	84	34	33	7	168	102	99	21	503
Chaffee	85	37	38	192	221	113	86	568	85	49	29	245
Delta	85	37	38	192	306	181	105	893	85	49	29	245
Washington	17	16	3	84	170	165	34	839	85	82	17	419
Douglas	85	37	38	192	255	120	106	613	68	66	14	335
Prowers	17	16	3	84	17	16	3	84	68	66	14	335
Boulder	34	23	10	115	51	37	14	182	51	49	10	252
Clear Creek	68	33	28	167	323	187	112	927	34	23	10	115
Gilpin	51	29	18	142	170	134	44	664	34	23	10	115
Huerfano	51	29	18	142	187	120	59	591	34	33	7	168
Teller	34	23	10	115	136	93	40	459	34	33	7	168
Bent	17	16	3	84	340	330	69	1677	34	33	7	168
Las Animas	17	16	3	84	34	33	7	168	34	33	7	168
Adams	17	16	3	84	51	49	10	252	17	16	3	84
Jefferson	51	29	18	142	187	127	56	623	0	0	0	0
Hinsdale	34	23	10	115	51	37	14	182	0	0	0	0
El Paso	17	16	3	84	17	16	3	84	0	0	0	0
Logan	17	16	3	84	34	33	7	168	0	0	0	0
San Juan	17	16	3	84	17	16	3	84	0	0	0	0
Total	7511	327	6898	8179	34599	2049	30811	38852	20800	1773	17604	24576

2005 Small Game Harvest by County
Abert's squirrel, continued.

County	Hunters	SE(hunters)	LCI Hunters	UCI Hunters	Days Hunted	SE (Days Hunted)	LCI Days	UCI Days	Harvest	SE(harvest)	LCI Harvest	UCI Harvest
El Paso	51	29	18	142	221	148	67	730	476	415	109	2079
Summit	17	16	3	84	17	16	3	84	51	49	10	252
Clear Creek	34	23	10	115	85	59	25	293	34	33	7	168
Grand	17	16	3	84	17	16	3	84	34	33	7	168
Eagle	51	29	18	142	170	107	55	527	17	16	3	84
Fremont	17	16	3	84	17	16	3	84	17	16	3	84
Logan	17	16	3	84	34	33	7	168	17	16	3	84
Montrose	17	16	3	84	51	49	10	252	17	16	3	84
Teller	17	16	3	84	34	33	7	168	17	16	3	84
Larimer	34	23	10	115	119	89	32	438	0	0	0	0
Pueblo	34	23	10	115	119	89	32	438	0	0	0	0
Dolores	17	16	3	84	85	82	17	419	0	0	0	0
Douglas	17	16	3	84	51	49	10	252	0	0	0	0
Jackson	17	16	3	84	153	148	31	755	0	0	0	0
Park	17	16	3	84	34	33	7	168	0	0	0	0
Total	374	77	251	558	1342	338	826	2181	697	422	233	2086