

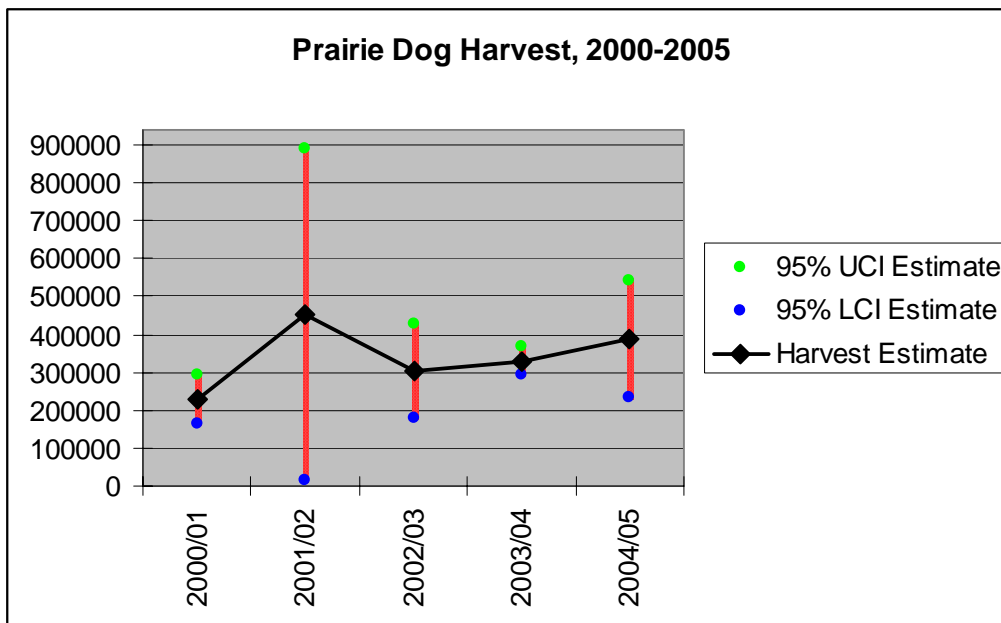
2004/05 Prairie Dog Harvest Report (All species)

Prior to 2004/05, Prairie dogs were included in the general small game survey. All species of prairie dogs were included in a separate harvest survey for the 2004/05 period. Currently, there is no hunting season for black-tailed prairie dogs, however, take of prairie dogs is allowed on private land by landowners or their agents to mitigate damage. Gunnison and white-tailed prairie dogs are currently classified as small game mammals with a year-round season.

The statewide harvest estimate for all prairie dogs is **388,714 ± 154,520 (234,193 – 543,234)**. Very large confidence intervals accompany this estimate, primarily due to the high variability in reported harvest estimates from contacted hunters. This harvest estimate up from the 2003/04 estimated harvest of **328,936 ± 36,787 (292,149-365,723)**.

County or game management unit harvest is contained within the report, as are the number of individuals contacted during the course of the survey who attempted to take prairie dogs in a given county, total number of individuals surveyed, estimated harvest (and associated standard error) and the upper and lower limits of a 95% confidence interval. So, for example, the estimated harvest for Weld county is 39,984 birds plus or minus 1.96(12,123) or 23,761. The estimate ranges from 16,223 prairie dogs (LCI) to 63,744 prairie dogs (UCI).

Statistically, harvest estimates at county or game management unit levels are associated with large confidence intervals, due to the small sample size contacted for any one county or GMU, and extremely variable harvest reports from survey participants.



Prairie Dog Harvest 2004/05

Strata	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
Will not hunt		296	23.36	296	23.36
Somewhat likely		971	76.64	1267	100.00

Hunted during season?

Hunt	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	232	18.31	232	18.31
No	1035	81.69	1267	100.00

Estimated Harvest by Strata

Strata	# surveyed	SE (surveyed)	LCI (surveyed)	UCI (surveyed)	Days	SE (days)	LCI (Days)	UCI (Days)	Harvest	SE (Harvest)	LCI (Harvest)	UCI (Harvest)
Will not hunt	624	276	84	1165	1124	539	67	2181	6993	4518	-1863	15849
Somewhat Likely	3721	210	3311	4132	48475	9521	29815	67136	381721	78708	227454	535987
Total	4346	346	3667	5024	49599	9536	30909	68290	388714	78837	234193	543234

2005 Prairie Dog Harvest by County

County	# surveyed	SE (surveyed)	LCI (surveyed)	UCI (surveyed)	Days	SE (days)	LCI (Days)	UCI (Days)	Harvest	SE(harvest)	LCI (Harvest)	UCI (Harvest)
Adams	66	32	3	128	3197	2972	-2628	9021	7393	5877	-4126	18913
Arapahoe	16	16	-15	48	16	16	-15	48	820	794	-737	2376
Archuleta	33	22	-11	77	459	386	-298	1216	2033	1633	-1168	5234
Baca	98	39	22	174	1164	716	-239	2567	10,213	6641	-2803	23229
Bent	66	32	3	128	180	118	-50	411	770	471	-152	1693
Boulder	82	35	13	151	656	324	20	1291	1803	879	81	3525
Chaffee	49	27	-5	103	1525	1430	-1279	4328	9180	8738	-7947	26307
Cheyenne	131	45	43	219	410	162	92	728	11148	5174	1007	21289
Conejos	16	16	-15	48	131	127	-118	380	328	318	-295	951
Crowley	115	42	33	197	574	297	-9	1156	47836	27259	-5591	101263
Custer	33	22	-11	77	66	45	-22	154	262	185	-101	625
Delta	148	47	55	241	787	319	163	1411	1492	681	156	2828
Dolores	33	22	-11	77	66	45	-191	683	443	305	-155	1040
Douglas	16	16	-15	48	82	79	-74	238	328	318	-295	951
Eagle	16	16	-15	48	82	79	-74	238	1639	1589	-1474	4753
Elbert	82	35	13	151	131	63	7	255	1344	863	-347	3035
El Paso	131	45	43	219	656	290	88	1224	6525	3488	-313	13362
Fremont	66	32	3	128	787	474	-141	1715	2869	1798	-655	6392
Garfield	16	16	-15	48	82	79	-74	238	0	0	0	0
Grand	16	16	-15	48	49	48	-44	143	0	0	0	0
Gunnison	115	42	33	197	459	323	-174	1092	1197	828	-425	2819

2005 Prairie Dog Harvest by County, continued

County	# surveyed	SE (surveyed)	LCI (surveyed)	UCI (surveyed)	Days	SE (days)	LCI (Days)	UCI (Days)	Harvest	SE(harvest)	LCI (Harvest)	UCI (Harvest)
Huerfano	16	16	-15	48	820	794	-737	2376	1639	1589	-1474	4753
Jefferson	16	16	-15	48	16	16	-15	48	49	48	-44	143
Kiowa	49	27	-5	103	213	163	-106	532	1557	1044	-489	3604
Kit Carson	82	35	13	151	623	354	-71	1317	8426	6454	-4223	21075
Lake	16	16	-15	48	295	286	-265	856	1148	1112	-1032	3327
La Plata	82	35	13	151	1115	955	-758	2987	705	437	-152	1562
Larimer	82	35	13	151	721	504	-266	1708	1557	938	-280	3395
Lincoln	223	130	-32	478	856	422	28	1684	18575	10588	-2178	39328
Logan	262	63	139	386	1033	343	361	1704	29869	18786	-6951	66688
Mesa	328	70	190	466	7820	4504	-1007	16647	63361	53021	-40560	167281
Mineral	16	16	-15	48	16	16	-15	48	49	48	-44	143
Moffat	148	47	55	241	3508	3178	-2722	9738	18721	11316	-3458	40901
Montezuma	33	22	-11	77	754	715	-647	2156	3852	3578	-3160	10865
Montrose	322	136	56	588	1141	427	305	1978	9098	5224	-1141	19338
Morgan	305	135	41	569	916	437	59	1773	10629	5985	-1101	22359
Otero	33	22	-11	77	246	238	-221	713	574	556	-516	1664
Phillips	16	16	-15	48	16	16	-15	48	410	397	-369	1188
Prowers	262	63	139	386	4984	3290	-1465	11432	31000	19750	-7709	69709
Pueblo	240	131	-17	496	518	278	-27	1064	9026	6170	-3066	21119
Rio Blanco	66	32	3	128	574	479	-366	1513	4180	3229	-2148	10508
Saguache	141	125	-104	387	283	251	-209	774	3910	3735	-3410	11230
San Miguel	16	16	-15	48	164	159	-147	475	656	635	-590	1901
Sedgwick	49	27	-5	103	131	74	-15	277	2295	1650	-939	5529
Teller	16	16	-15	48	164	159	-147	475	410	397	-369	1188
Washington	82	35	13	151	426	232	-29	881	9656	8004	-6031	25343
Weld	508	87	338	679	9705	5923	-1904	21314	39984	12123	16223	63744
Yuma	164	50	66	262	803	375	68	1538	9754	5311	-656	20164
State Total	4346	346	3667	5024	49599	9536	30909	68290	388714	78837	234193	543234