

Report of the 2010/11 Game Take Hunter Survey



**California Department of Fish and Game
Wildlife and Fisheries Division
Wildlife Branch
1812 Ninth Street
Sacramento, CA 95811**

REPORT OF THE 2010/11 GAME TAKE HUNTER SURVEY

Introduction:

Sound wildlife management is based on monitoring wildlife population status. For species that are hunted, there is an opportunity and a responsibility to understand population dynamics better by tracking harvest. Hunter surveys are one tool managers use to track harvest.

As beneficiaries of wildlife resources, hunters have always been cognizant of the importance of conservation in general, and know that they have a special responsibility to help wildlife managers make decisions that ensure the long-term availability of hunting opportunities.

The California Department of Fish and Game would like extend its gratitude to all the dedicated individual hunters in the state of California who responded to this survey. Your time and thoughtfulness are appreciated.

Survey Overview:

Hunter game take questionnaires were mailed to 40,000 randomly selected hunting licensees on March 14, 2011. These individuals represent approximately 13.9 percent of the total number of licenses sold (287,229) in the 2010/11 license year. There were approximately 197 questionnaires returned undeliverable, resulting in a total of 39,803 possible respondents. A total of 11,907 persons returned the questionnaire, representing approximately 4.0 percent of the total number of licenses sold. It was determined through survey data analysis that in the 2010/11 hunt year, there was a total hunting effort of approximately 224,751 hunters who spent an estimated 6,265,333 days in the field.

For the past several years, follow-up mailings to non-respondents have significantly increased response to the questionnaires. These increases in response rates reduce non-response bias, the phenomenon of more successful individuals (e.g., hunters) being more inclined to return a questionnaire than unsuccessful or nonparticipating individuals. Non-response bias is one of the principle causes of inflated bag and hunter-use figures in surveys of this type. Statistical analysis of survey data indicated high validity for species pursued by large number of hunters.

This survey has been a cooperative effort between the Wildlife Branch and License and Revenue Branch. For more information concerning this survey please contact Levi Souza (lsouza@dfg.ca.gov), Environmental Scientist, California Department of Fish and Game.

License, Tag, and Stamp Sales			
Type	2008*	2010*	% Change from 2007
Hunting Licenses	293,472	287,229	-2.1
Deer Tag Applications (including 2nd deer tags)	188,815	183,085	-3.0
Bear Tags	25,398	24,844	-2.2
Federal Duck Stamps	65,120	88,444	35.8
State Duck Stamps	69,016	70,176	1.7
Reservation Applications	737,285	740,522	0.4
Upland Game Bird Stamps	185,998	175,505	-5.6

* Finalized data from the end of each license year (June 30).

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REPORT COOPERATORS

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The contributors to this report would like to extend special thanks to Jesse Garcia, Staff Environmental Scientist, now of the Climate Science and Renewable Energy Branch. His role as keeper of the hunter survey extended for many years and we wish him luck in his new adventure.

Data analysis and report finalization was performed by Levi Souza, Environmental Scientist - Wildlife Branch with support provided by:

- Tony Straw, Systems Analyst- License and Revenue Branch, coordinated the selection, data entry, and sorting for the initial mailing recipients.
- Kelly Barnes, Associate Governmental Program Analyst- Wildlife Branch, coordinated the contract for printing and mailing of all surveys.
- Melanie Schultz, Nicole Harris, and Jessica Spalding, Scientific Aides- Wildlife Branch, performed data entry, analysis, and report preparation.
- Sydney Goddard, Volunteer, helped with data entry.
- Brad Burkholder, Game Program Manager- Wildlife Branch, provided overall guidance and comments on report drafts.

**TABLE 1: ANNUAL HUNTER SURVEY SUMMARY TABLE
BY SPECIES, 2007 - 2010**

	2007	2008	2010	Percent Change 2008-2010
PHEASANT (EXCLUDING LGBCs)				
Statewide Bag	103,364	64,802	78,832	22
Hunters Reported	32,133	22,657	27,689	22
Average Seasonal Bag	3.2	2.9	2.8	0
Total Days Hunted	143,533	92,730	106,707	15
Average Days Hunted	4.5	4.1	3.9	-6
PHEASANT (LGBCs)				
Statewide Bag	437,363	220,151	279,069	27
Hunters Reported	37,633	21,831	27,476	26
Average Seasonal Bag	11.6	10.1	10.2	1
Total Days Hunted	236,033	115,733	140,147	21
Average Days Hunted	6.3	5.3	5.1	-4
QUAIL (ALL SPECIES)				
Statewide Bag	530,428	453,453	639,153	41
Hunters Reported	65,367	55,776	69,248	24
Average Seasonal Bag	8.1	8.1	9.2	14
Total Days Hunted	388,367	309,499	394,402	27
Average Days Hunted	5.9	5.5	5.7	3
CALIFORNIA QUAIL				
Statewide Bag	382,130	308,514	453,773	47
Hunters Reported	39,967	33,705	42,731	27
Average Seasonal Bag	9.6	9.2	10.6	16
Total Days Hunted	236,733	174,624	230,081	32
Average Days Hunted	5.9	5.2	5.4	4
MOUNTAIN QUAIL				
Statewide Bag	104,765	103,566	110,594	7
Hunters Reported	19,567	17,119	20,447	19
Average Seasonal Bag	5.4	6.0	5.4	-11
Total Days Hunted	116,500	109,157	132,239	21
Average Days Hunted	6.0	6.4	6.5	1
GAMBEL'S (DESERT) QUAIL				
Statewide Bag	43,533	41,373	74,786	81
Hunters Reported	5,833	4,952	6,070	23
Average Seasonal Bag	7.5	8.4	12.3	47
Total Days Hunted	35,133	25,718	32,081	25
Average Days Hunted	6.0	5.2	5.3	2

**TABLE 1: ANNUAL HUNTER SURVEY SUMMARY TABLE
BY SPECIES, 2007 - 2010**

	2007	2008	2010	Percent Change 2008-2010
MOURNING DOVE (SEPT.)				
Statewide Bag	1,462,225	1,019,977	1,081,451	6
Hunters Reported	87,233	65,041	67,225	3
Average Seasonal Bag	16.8	15.7	16.1	3
Total Days Hunted	306,633	213,708	229,469	7
Average Days Hunted	3.5	3.3	3.4	4
MOURNING DOVE (NOV./DEC.)				
Statewide Bag	388,164	274,889	306,917	12
Hunters Reported	24,100	18,716	19,675	5
Average Seasonal Bag	16.1	14.7	15.6	6
Total Days Hunted	101,267	74,839	82,107	10
Average Days Hunted	4.2	4.0	4.2	4
WHITE-WINGED DOVE				
Statewide Bag	58,366	47,417	51,304	8
Hunters Reported	7,300	5,697	5,591	-2
Average Seasonal Bag	8.0	8.3	9.2	10
Total Days Hunted	29,733	21,352	21,086	-1
Average Days Hunted	4.1	3.7	3.8	1
EURASIAN COLLARED DOVE*				
	<i>*2006 First year recorded</i>			
Statewide Bag	25,300	42,332	117,277	177
Hunters Reported	4,167	5,511	9,318	69
Average Seasonal Bag	6.1	7.7	12.6	64
Total Days Hunted	21,367	25,213	41,213	63
Average Days Hunted	5.1	4.6	4.4	-3
BAND-TAILED PIGEON				
Statewide Bag	12,700	9,851	10,436	6
Hunters Reported	4,667	3,488	3,914	12
Average Seasonal Bag	2.7	2.8	2.7	-6
Total Days Hunted	12,733	9,079	10,516	16
Average Days Hunted	2.7	2.6	2.7	3
CHUKAR (EXCLUDING LGBCS)				
Statewide Bag	37,133	22,417	52,795	136
Hunters Reported	10,300	6,789	9,984	47
Average Seasonal Bag	3.6	3.3	5.3	60
Total Days Hunted	55,600	35,250	62,565	77
Average Days Hunted	5.4	5.2	6.3	21

**TABLE 1: ANNUAL HUNTER SURVEY SUMMARY TABLE
BY SPECIES, 2007 - 2010**

	2007	2008	2010	Percent Change 2008-2010
CHUKAR (LGBCS)				
Statewide Bag	112,132	80,377	75,398	-6
Hunters Reported	9,067	5,751	6,283	9
Average Seasonal Bag	12.4	14.0	12.0	-14
Total Days Hunted	43,267	24,866	21,778	-12
Average Days Hunted	4.8	4.3	3.5	-20
SOOTY (BLUE) & RUFFED GROUSE				
Statewide Bag	8,466	8,706	8,173	-6
Hunters Reported	5,533	5,724	5,378	-6
Average Seasonal Bag	1.5	1.5	1.5	0
Total Days Hunted	32,000	26,916	28,381	5
Average Days Hunted	5.8	4.7	5.3	12
SAGE GROUSE (PERMIT RETURNS)				
Statewide Bag	47	46	74	61
Hunters Reported	73	55	85	55
Average Seasonal Bag	0.64	0.8	0.9	4
Total Hours Hunted	373	0.0	0	0
Average Hours Hunted	5.1	0.0	0.0	0
JACKRABBIT				
Statewide Bag	78,566	40,548	75,611	86
Hunters Reported	8,333	5,591	8,546	53
Average Seasonal Bag	9.4	7.3	8.8	22
Total Days Hunted	79,700	83,066	73,508	-12
Average Days Hunted	9.6	14.9	8.6	-42
COTTONTAIL RABBIT				
Statewide Bag	71,199	45,074	57,587	28
Hunters Reported	9,933	7,215	9,904	37
Average Seasonal Bag	7.2	6.2	5.8	-7
Total Days Hunted	68,667	46,751	69,381	48
Average Days Hunted	6.9	6.5	7.0	8
TREE SQUIRREL				
Statewide Bag	53,366	37,459	52,475	40
Hunters Reported	9,033	7,641	11,342	48
Average Seasonal Bag	5.9	4.9	4.6	-6
Total Days Hunted	77,133	74,972	85,968	15
Average Days Hunted	8.5	9.8	7.6	-23

**TABLE 1: ANNUAL HUNTER SURVEY SUMMARY TABLE
BY SPECIES, 2007 - 2010**

	2007	2008	2010	Percent Change 2008-2010
WILD TURKEY (SPRING) (EXCLUDING LGBCS)				
Statewide Bag	23,398	20,553	27,822	35
Hunters Reported	27,500	24,068	35,968	49
Average Seasonal Bag	0.9	0.9	0.8	-9
Total Days Hunted	114,100	106,361	155,003	46
Average Days Hunted	4.1	4.4	4.3	-2
WILD TURKEY (FALL) (EXCLUDING LGBCS)				
Statewide Bag	7,033	5,724	9,372	64
Hunters Reported	13,233	10,889	16,267	49
Average Seasonal Bag	0.53	0.5	0.6	10
Total Days Hunted	41,367	35,223	50,292	43
Average Days Hunted	3.1	3.2	3.1	-4
DUCKS				
Statewide Bag	2,707,557	2,029,730	2,702,695	33
Hunters Reported	104,167	77,981	118,289	52
Average Seasonal Bag	26.0	26.0	22.8	-12
Total Days Hunted	1,205,167	887,817	1,177,509	33
Average Days Hunted	11.6	11.4	10.0	-13
GEESE				
Statewide Bag	262,062	261,550	336,895	29
Hunters Reported	60,233	48,428	71,458	48
Average Seasonal Bag	4.4	5.4	4.7	-13
Total Days Hunted	772,833	594,612	786,355	32
Average Days Hunted	12.8	12.3	11.0	-10
COMMON SNIPE				
Statewide Bag	11,433	11,501	10,729	-7
Hunters Reported	1,767	1,145	1,384	21
Average Seasonal Bag	6.5	10.0	7.7	-23
Total Days Hunted	8,000	8,200	5,564	-32
Average Days Hunted	4.5	7.2	4.0	-44
COOT/MOORHEN				
Statewide Bag	18,933	14,856	16,746	13
Hunters Reported	2,367	1,065	1,438	35
Average Seasonal Bag	8.0	13.9	11.6	-17
Total Days Hunted	19,067	8,307	11,688	41
Average Days Hunted	8.1	7.8	8.1	4

**TABLE 1: ANNUAL HUNTER SURVEY SUMMARY TABLE
BY SPECIES, 2007 - 2010**

	2007	2008	2010	Percent Change 2008-2010
DEER				
(HUNTER SURVEY DATABASE)				
Statewide Bag	41,463	35,010	52,715	51
Hunters Reported	159,833	132,825	194,246	46
Total Days Hunted	1,356,600	1,125,619	1,654,151	47
Average Days Hunted	8.5	8.5	9	0
DEER				
(DEER TAG DATABASE)				
Statewide Bag	33,367	29,612	26,425	-11
Total Deer Tag Sales	186,961	178,536	183,085	3
Deer Hunters	141,801	144,375	142,421	-1
BEAR				
(HUNTER SURVEY DATABASE)				
Statewide Bag	2,200	3,594	4,606	28
Hunters Reported	25,533	22,470	35,942	60
Total Days Hunted	257,467	225,449	363,412	61
Average Days Hunted	10.1	10.0	10.1	1
BEAR				
(BEAR TAG DATABASE)				
Statewide Bag	1,861	2,028	1,503	-26
Bear Tag Sales	24,909	22,906	24,844	8
WILD PIG				
Statewide Bag	20,499	15,096	23,668	57
Hunters Reported	32,267	24,973	37,806	51
Average Seasonal Bag	0.6	0.6	0.6261	4
Total Days Hunted	234,267	174,438	299,729	72
Average Days Hunted	7.3	7.0	7.9	14

**TABLE 2: FIVE YEAR AVERAGE, 2007-2010 HARVEST SUMMARY,
AND 2008-2010 PERCENT CHANGE**

SPECIES	AVERAGE 2005-2010	2007	2008	2010	% CHANGE 2008-2010
Pheasant (Excluding LGBCs)	96,249	103,364	64,802	78,832	22
Pheasant (LGBCs)	325,116	437,363	220,151	279,069	27
Quail (All Species)	618,902	530,428	453,453	639,153	41
Dove (All Species)*	1,689,874	1,934,054	1,384,614	1,556,948	12
Band-tailed Pigeon (Both Zones)	12,979	12,700	9,851	10,436	6
Chukar (Excluding LGBCs)	50,530	37,133	22,417	52,795	136
Chukar (LGBCs)	86,455	112,132	80,377	75,398	-6
Sooty (Blue)/Ruffed Grouse	8,920	8,466	8,706	8,173	-6
Sage Grouse (Permit Returns)	102	47	46	74	61
Jackrabbit	64,838	78,566	40,548	75,611	86
Cottontail Rabbit	55,765	71,199	45,074	57,587	28
Tree Squirrel	48,888	53,366	37,459	52,475	40
Wild Turkey (Excluding LGBCs)	28,598	30,431	26,277	37,193	42
Wild Turkey (LGBCs)	675	433	1,012	1,092	8
Duck	2,327,638	2,707,557	2,029,730	2,702,695	33
Geese	250,943	262,062	261,550	336,895	29
Common Snipe	10,813	11,433	11,501	10,729	-7
Coots/Moorhen	15,264	18,933	14,856	16,746	13
Deer (Hunter Survey Database)	41,184	41,463	35,010	52,715	51
Deer (Deer Tag Database)	29,510	33,367	29,612	26,425	-11
Bear (Hunter Survey Database)	2,911	2,200	3,594	4,606	28
Bear (Bear Tag Database)	1,739	1,861	2,028	1,503	-26
Wild Pig	20,401	20,499	15,096	23,668	57

* Prior to 2006 Hunter Survey data does not include Eurasian Collared Dove bag data.

TABLE 3: REPORTED HUNTING LICENSE AND TAG SALES, HUNTER HARVEST, AND EFFORT, 2001-2010

LICENSE & TAG SALES	YEAR								
	2001	2002	2003	2004	2005	2006	2007	2008	2010
Hunting License	312,308	302,683	306,590	295,737	298,294	301,602	297,780	293,472	287,229
Deer Hunters based on tag sales	149,944	147,578	143,592	144,515	144,671	141,110	141,801	144,375	142,421
Deer Tags	197,781	196,770	190,848	190,207	189,425	185,642	186,961	183,085	183,085
Bear Tags	21,288	22,950	21,831	22,664	22,945	24,057	24,909	25,398	24,844
Duck Stamps (Federal)	77,563	72,120	72,093	73,590	72,339	72,116	74,865	65,120	88,444
Duck Stamps (State)	74,265	71,577	69,723	69,988	69,367	69,528	71,268	69,016	70,176
Upland Game Bird Stamps	203,638	198,645	195,097	190,840	196,592	193,850	192,708	185,988	175,505
STATE-WIDE BAG									
Pheasant (Excluding LGBCs)	145,383	137,420	148,835	132,998	136,225	98,023	103,364	64,802	78,832
Pheasant (LGBCs)	471,666	372,062	426,799	367,036	356,021	332,979	437,363	220,151	279,069
Quail (All Species)	727,191	596,420	748,008	684,895	705,414	766,063	530,428	453,453	639,153
Dove (All Species)	2,141,800	1,810,377	2,039,898	1,904,264	2,028,568	1,545,187	1,934,054	1,384,614	1,556,948
Band-tailed Pigeon (Both Zones)	23,157	13,176	19,861	14,602	16,443	15,465	12,700	9,851	10,436
Chukar Partridge (Excluding LGBCs)	31,947	18,136	46,496	63,948	68,032	72,271	37,133	22,417	52,795
Chukar Partridge (LGBCs)	95,612	79,878	107,458	89,191	87,931	76,435	112,132	80,377	75,398
Sooty (Blue)/Ruffed Grouse	9,621	12,020	11,432	11,313	11,371	7,881	8,466	8,706	8,173
Sage Grouse (Permit Returns)	234	140	171	180	152	191	47	46	74
Jackrabbit	75,912	72,453	71,598	67,103	66,094	63,374	78,566	40,548	75,611
Cottontail Rabbit	83,528	59,733	81,038	58,644	50,168	54,798	71,199	45,074	57,587
Tree Squirrel	68,590	66,336	74,387	59,584	64,188	36,954	53,366	37,459	52,475
Wild Turkey (SPRING, Excluding LGBCs)	18,607	15,884	19,125	18,865	18,704	19,183	23,398	20,553	27,822
Wild Turkey (FALL, Excluding LGBCs)	6,637	6,299	5,823	6,344	5,750	5,453	7,033	5,724	9,372
Wild Turkey (LGBCs)	1,745	1,248	460	537	390	446	433	1,012	1,092
Ducks	1,989,649	1,555,012	1,928,823	2,277,041	2,094,034	2,104,175	2,707,557	2,029,730	2,702,695
Geese	189,218	142,167	179,301	191,910	183,712	210,494	262,062	261,550	336,895
Common Snipe	16,634	7,638	13,639	6,882	7,139	13,260	11,433	11,501	10,729
Coot / Moorhen	15,998	12,263	11,678	11,346	11,209	14,573	18,933	14,856	16,746
Deer (Hunter Survey Database)	42,922	41,719	42,205	49,144	44,289	32,443	41,463	35,010	52,715
Deer (Deer Tag Database)	34,417	33,311	29,317	37,746	29,566	28,579	33,367	29,612	26,425
Bear (Hunter Survey Database)	2,218	2,252	2,207	2,417	2,100	2,057	2,200	3,594	4,606
Bear (Bear Tag Database)	1,665	1,768	1,670	1,848	1,480	1,824	1,861	2,028	1,503
Wild Pig	42,579	30,399	27,585	20,980	23,388	19,357	20,499	15,096	23,668
HUNTER DAYS	5,816,967	5,179,085	5,627,243	5,424,105	5,184,473	4,792,280	5,993,639	4,629,499	6,265,333

TABLE 4: ESTIMATED NUMBER OF STATEWIDE HUNTERS, 2001-2010

GAME HUNTED	YEAR								
	2001	2002	2003	2004	2005	2006	2007	2008	2010
Pheasant (Excluding LGBCs)	45,906	43,058	42,143	39,107	38,700	30,064	32,133	22,657	27,689
Pheasant (LGBCs)	45,025	36,485	39,661	34,877	36,310	30,658	37,633	21,831	27,476
Quail (All Species)	83,756	72,240	75,215	69,956	71,181	65,010	65,367	55,776	69,248
Dove (All Species)	89,284	89,767	111,289	86,069	130,437	100,005	111,333	83,758	86,899
Band-tailed Pigeon (Both Zones)	6,360	4,869	5,885	5,136	5,782	5,403	4,667	3,488	3,914
Chukar Partridge (Excluding LGBCs)	8,284	6,177	8,980	10,507	11,221	11,649	10,300	6,789	9,984
Chukar Partridge (LGBCs)	9,361	7,090	9,226	6,982	7,204	6,964	9,067	5,751	6,283
Sooty (Blue)/Ruffed Grouse	6,083	6,390	6,804	6,546	6,752	4,436	5,533	5,724	5,378
Sage Grouse (Permit Returns)	315	159	157	155	144	151	73	55	85
Jackrabbit	9,850	8,825	9,318	7,889	8,431	7,584	8,333	5,591	8,546
Cottontail Rabbit	13,046	10,924	12,474	10,037	7,914	8,724	9,933	7,215	9,904
Tree Squirrel	12,231	11,868	13,087	10,540	12,792	7,931	9,033	7,641	11,342
Wild Turkey (SPRING, Excluding LGBCs)	24,706	23,492	24,949	25,411	25,908	23,496	27,500	24,068	35,968
Wild Turkey (FALL, Excluding LGBCs)	12,524	11,289	11,892	11,715	10,809	9,195	13,233	10,889	16,267
Wild Turkey (LGBCs)	1,142	1,156	950	806	581	496	700	1,251	1,890
Ducks	84,523	75,070	76,716	83,417	79,456	85,407	104,167	77,981	118,289
Geese	51,434	33,199	47,507	52,064	50,587	48,156	60,233	48,428	71,458
Common Snipe	1,680	1,339	1,471	1,611	1,446	1,512	1,767	1,145	1,384
Coot / Moorhen	2,528	1,613	1,563	1,511	1,483	1,462	2,367	1,065	1,438
Deer (Hunter Survey Database)	137,082	139,793	142,399	137,261	129,312	126,128	159,833	132,825	194,246
Bear (Hunter Survey Database)	17,498	16,310	18,022	19,772	17,315	15,218	25,533	22,470	35,942
Wild Pig	36,529	34,659	34,757	27,828	28,524	27,238	32,267	24,973	37,806

TABLE 5: TOP TEN COUNTIES FOR HARVEST OF SELECTED SPECIES, 2010

SPECIES	% OF STATE TOTAL
PHEASANT (Excluding LGBCs)	
1. COLUSA	13.6
2. YOLO	10.4
3. BUTTE	8.5
4. SOLANO	7.6
5. IMPERIAL	5.8
6. GLENN	4.8
7. SUTTER	4.7
8. SISKIYOU	4.4
9. SAN JOAQUIN	4.2
10. MERCED	3.7
CALIFORNIA QUAIL	
1. KERN	13.1
2. SAN LUIS OBISPO	7.0
3. MONTEREY	5.8
4. TEHAMA	4.2
5. SAN BERNARDINO	4.2
6. SAN DIEGO	3.6
7. LOS ANGELES	3.3
8. SANTA BARBARA	3.2
9. FRESNO	3.1
10. INYO	3.0
MOURNING DOVE (Sept 1-15)	
1. IMPERIAL	11.2
2. FRESNO	7.9
3. KERN	7.8
4. SAN JOAQUIN	4.0
5. MERCED	3.9
6. RIVERSIDE	3.7
7. TEHAMA	3.4
8. TULARE	3.1
9. STANISLAUS	2.9
10. SAN BERNARDINO	2.8
WILD PIG	
1. MONTEREY	14.5
2. SONOMA	8.2
3. COLUSA	7.3
4. TEHAMA	7.0
5. KERN	6.3
6. MENDOCINO	5.5
7. SAN LUIS OBISPO	4.3
8. SAN BENITO	3.0
9. SANTA BARBARA	2.8
10. SUTTER	2.8
WILD TURKEY (Spring)	
1. SHASTA	8.2
2. BUTTE	6.8
3. PLACER	5.5
4. EL DORADO	5.5
5. TEHAMA	4.5
6. SONOMA	4.4
7. MENDOCINO	4.3
8. NAPA	3.6
9. NEVADA	3.6
10. LAKE	3.1

SPECIES	% OF STATE TOTAL
DEER	
1. GLENN	6.3
2. TRINITY	6.2
3. SISKIYOU	6.1
4. SHASTA	4.9
5. MENDOCINO	4.8
6. TEHAMA	4.1
7. HUMBOLDT	3.9
8. MODOC	3.5
9. EL DORADO	3.3
10. MONO	2.9
MOUNTAIN QUAIL	
1. SISKIYOU	10.0
2. TRINITY	8.1
3. PLUMAS	5.7
4. TULARE	5.6
5. EL DORADO	5.3
6. TUOLUMNE	4.9
7. SHASTA	4.8
8. SAN BERNARDINO	4.8
9. HUMBOLDT	4.7
10. KERN	3.9
COTTONTAIL RABBIT	
1. KERN	8.8
2. MERCED	5.7
3. SAN DIEGO	5.6
4. RIVERSIDE	5.5
5. TULARE	5.3
6. SUTTER	5.2
7. BUTTE	5.0
8. SAN BERNARDINO	4.5
9. SAN JOAQUIN	3.9
10. VENTURA	3.4
DUCKS	
1. MERCED	14.9
2. COLUSA	13.6
3. BUTTE	9.3
4. SUTTER	5.5
5. GLENN	5.2
6. IMPERIAL	4.5
7. YOLO	4.0
8. FRESNO	3.4
9. SOLANO	3.1
10. SAN JOAQUIN	2.9
GEESE	
1. COLUSA	16.4
2. BUTTE	10.9
3. SUTTER	7.3
4. GLENN	9.2
5. IMPERIAL	4.3
6. SISKIYOU	4.1
7. SACRAMENTO	4.0
8. SAN JOAQUIN	3.3
9. MODOC	2.7
10. MERCED	2.5

TABLE 6: DISTRIBUTION OF HUNTER EFFORT BY GAME SPECIES, 2010

Species	Number of Hunters			Percent of Hunters Per Species		Percent of All Hunters
	Successful	Unsuccessful	Total	Successful	Unsuccessful	Per Species
Deer	38,910	155,336	194,246	20	80	23
Bear	3,401	32,541	35,942	9	91	4
Wild Pig	11,675	26,130	37,806	31	69	5
Ducks	73,044	45,245	118,289	62	38	14
Geese (Dark)	27,235	15,070	42,305	64	36	5
Geese (Light)	20,046	9,107	29,153	69	31	4
Common Snipe	989	395	1,384	71	29	0
Coot / Moorhen	1,206	232	1,438	84	16	0
Pheasant (excluding LGBCs)	16,042	11,647	27,689	58	42	3
Pheasant (LGBCs)	23,013	4,463	27,476	84	16	3
Chukar (excluding LGBCs)	5,548	4,436	9,984	56	44	1
Chukar (LGBCs)	5,283	1,000	6,283	84	16	1
American Crow	1,930	679	2,609	74	26	0
California Quail	29,599	13,132	42,731	69	31	5
Mountain Quail	12,809	7,638	20,447	69	31	2
Gambel's Quail	4,873	1,197	6,070	63	37	1
Mourning Dove (Sept.)	54,397	12,828	67,225	80	20	8
Mourning Dove (Nov./Dec.)	15,294	4,381	19,675	81	19	2
White-winged Dove	4,511	1,080	5,591	81	19	1
Eurasian Collared-Dove	7,671	1,647	9,318	82	18	1
Band-tailed Pigeon (Northern zone)	1,592	937	2,529	63	37	0
Band-tailed Pigeon (Southern zone)	700	685	1,384	51	49	0
Sooty (Blue) Grouse	1,520	1,622	3,142	48	52	0
Ruffed Grouse	1,471	765	2,236	66	34	0
Sage Grouse (permit database)	74	21	95	78	22	0
White-tailed Ptarmigan	96	-70	27	362	-262	0
Wild Turkey (Spring)	16,765	19,203	35,968	47	53	4
Wild Turkey (Fall)	7,406	8,861	16,267	46	54	2
Wild Turkey (LGBCs)	603	1,287	1,890	32	68	0
Marmot	386	120	506	76	24	0
Jackrabbit	6,224	2,323	8,546	73	27	1
Cottontail Rabbit	7,671	2,233	9,904	77	23	1
Tree Squirrel	8,202	3,140	11,342	72	28	1
Gray Fox	555	510	1,065	52	48	0
Raccoon	917	388	1,305	70	30	0
Badger	169	44	213	79	21	0
Coyote	12,013	9,312	21,326	56	44	3
Bobcat	965	2,789	3,754	26	74	0
TOTAL*			827,157			100

* Due to one hunter often hunting more than one species, the percent of all hunters per species totals more than 100 %, and the number of hunters per species exceeds the total number of licensed hunters.

**TABLE 7: HUNTER SUCCESS AND PARTICIPATION PERCENTAGES,
1969-2010**

YEAR	% UNSUCCESSFUL	% SUCCESSFUL	% DID NOT HUNT
1969	21	69	10
1970	22	67	11
1971	23	64	13
1972	23	65	12
1973	25	65	10
1974	22	68	10
1975	23	65	12
1976	25	64	11
1977	25	64	11
1978	24	62	14
1979	22	63	14
1980	26	64	11
1981	29	58	13
1982	32	56	12
1983	31	57	12
1984	27	59	14
1985	28	59	13
1986	30	57	13
1987	26	57	17
1988	29	61	10
1989	27	62	11
1990	31	58	11
1991	25	63	12
1992	26	65	9
1993	30	61	9
1994	30	61	9
1995	19	46	36
1996	24	66	10
1997	22	64	14
1998	45	47	8
1999	33	67	15
2000	30	70	14
2001	29	71	12
2002	28	72	14
2003	29	71	14
2004	29	71	15
2005	29	70	15
2006	23	76	17
2007	34	55	10
2008	29	46	26
2010	35	51	14

Due to some hunters being successful or unsuccessful at hunting more than one species, and hunting in more than one county per species, the represented ratio is skewed in favor of successful hunting more than might otherwise be shown if individuals were not excessively represented.

TABLE 8: BAG, HUNTER NUMBERS, AND DAYS HUNTED BY COUNTY AND SPECIES, 2010

	DEER			BEAR			WILD PIG			DUCKS		
	Bag	Hunters	Days	Bag	Hunters	Days Hunted	Bag	Hunters	Days	Bag Bagged	Hunters	Days Hunted
ALAMEDA	213	745	6949				106	453	2689	2822	612	5351
ALPINE	319	2769	18716	0	559	4286				106	27	27
AMADOR	293	2343	19329	53	373	2982	0	27	53	958	106	719
BUTTE	1225	4100	30191	106	586	5271	160	240	1118	278563	10783	119620
CALAVERAS	346	4047	36261	27	799	7268	373	266	2662	1731	186	1305
COLUSA	426	1571	13578	0	266	1837	1917	1225	6310	404359	16320	166264
CONTRA COSTA	293	399	2476				133	186	745	33892	1544	19196
DEL NORTE	266	852	6549	27	160	1384				14936	453	5964
EL DORADO	1944	8200	64935	133	1837	21272	0	27	106	2689	106	1571
FRESNO	772	5112	49413	80	1810	19675	559	1358	13392	100398	3940	35942
GLENN	3647	2849	21885	133	692	9451	399	1118	7082	155775	6762	75638
HUMBOLDT	2290	5218	45846	213	932	7135	266	692	2157	31655	1651	18450
IMPERIAL	53	1092	7854							135541	5538	49067
INYO	772	2503	17146	0	240	1544	0	53	80	10623	879	8653
KERN	745	5538	46538	0	1065	12753	1651	2902	41533	75505	3488	26251
KINGS	53	293	3275	0	80	932	133	426	4766	10862	266	2982
LAKE	399	2396	22444	27	479	3647	479	1305	6789	3221	373	2210
LASSEN	1464	5564	39483	53	559	3541	27	106	612	20154	1411	10090
LOS ANGELES	852	3647	39856	27	1145	17252	80	106	5857	3355	186	1305
MADERA	213	1890	20074	27	745	6762	213	586	8919	5990	506	3994
MARIN	479	985	11688	0	27	559	0	27	266	3381	266	2902
MARIPOSA	213	1864	14483	0	532	4872	453	453	2529	2263	160	1305
MENDOCINO	2769	8999	71325	293	1970	15229	1438	2716	14616	2423	240	1305
MERCED	426	745	6257				666	799	5937	443523	11927	141904
MODOC	2050	4633	32374	0	160	1171				36661	2210	15681
MONO	1677	3594	24440	27	612	5618				6257	506	4739
MONTEREY	1411	3408	33333	0	27	106	3781	4313	34185	14323	586	6230
NAPA	719	1944	20021	0	133	2130	266	559	6336	10037	879	5804
NEVADA	692	3994	33546	53	799	6390	106	399	2183	4659	266	2742
ORANGE	27	213	1970	0	27	293	27	27	532	27	27	799
PLACER	745	4872	41480	133	1198	14430	27	133	1012	16347	1118	12779
PLUMAS	1624	8147	67278	213	1757	19329	0	27	266	7135	692	6470
RIVERSIDE	240	1384	12060	0	53	319	53	133	1518	51623	3647	22390
SACRAMENTO	213	399	2136	80	160	1358				72789	4260	35303
SAN BENITO	319	1118	9025	0	53	160	772	1518	9877	5751	213	2636
SAN BERNARDINO	426	3488	29605	27	1171	11235	80	293	2370	11022	639	3967
SAN DIEGO	1065	3328	25825				53	1118	6576	7934	745	3754
SAN FRANCISCO										586	80	373
SAN JOAQUIN	53	240	1731				80	160	666	85329	3142	31922
SAN LUIS OBISPO	1118	2849	26970	0	133	772	1118	2343	15309	3781	745	2662
SAN MATEO	106	213	3781				0	53	1065	4606	266	2955
SANTA BARBARA	905	2396	23109	27	399	6150	719	1012	7242	5165	319	5138
SANTA CLARA	559	1065	7747				586	825	5138	9771	479	3568
SANTA CRUZ	106	453	4340	27	53	745	453	106	4899	2529	106	905
SHASTA	2849	10676	97336	319	2023	18716	506	799	4845	28328	1890	19755
SIERRA	453	3355	25426	80	745	6736				3035	80	1198
SISKIYOU	3541	12433	116478	453	2183	22284	53	133	1065	55883	2902	25452
SOLANO	319	799	7481				373	399	3328	92677	4819	52156
SONOMA	692	3195	27555	0	53	399	2130	3275	26411	14803	1118	12407
STANISLAUS	319	1917	14403	27	399	3062	266	293	2742	41613	1837	22364
SUTTER	240	692	5538	0	27	106	719	213	1012	163229	6390	73668
TEHAMA	2396	10144	73428	666	1597	14883	1837	2529	24254	20394	1145	11315
TRINITY	3594	10729	104391	453	2449	27236	160	213	1571	3142	213	1624
TULARE	692	4845	38551	240	1491	12726	346	799	3807	4420	266	1518
TUOLUMNE	1305	8520	82400	479	2290	27955	0	106	666	1278	186	1597
VENTURA	506	2183	16613	53	559	4659	27	106	213	7561	266	2476
YOLO	586	1118	7934				27	346	666	120419	5564	48029
YUBA	479	1278	12327	0	293	4420	0	213	1491	39536	2476	20873
UNKNOWN	213	905	6975	53	240	2370	53	293	772	4819	479	10250
TOTAL	52,715	194,246	1,654,151	4,606	35,942	363,412	23,668	37,806	299,729	2,702,695	118,289	1,177,509

EXTRAPOLATED

Blank cells indicate counties where there were no reporting hunters for that species. A bag of zero indicates no successful reporting hunters for that county and species.

TABLE 8: BAG, HUNTER NUMBERS, AND DAYS HUNTED BY COUNTY AND SPECIES, 2010

	GEESE (DARK)			GEESE (LIGHT)			COMMON SNIPE			COOT/MOORHEN		
	Bag	Hunters	Days	Bag	Hunters	Days	Bag	Hunters	Days	Bag	Hunters	Days
ALAMEDA	293	266	1651	80	80	266						
ALPINE												
AMADOR	852	133	879									
BUTTE	25319	4073	60782	15096	3035	46006	266	133	266	799	53	213
CALAVERAS	1251	133	1118	479	27	186						
COLUSA	25372	5857	73481	35436	6390	82001	719	133	666	5138	213	2130
CONTRA COSTA	1518	319	3461	426	213	2343						
DEL NORTE	1917	240	1251	0	27	53	80	27	53	506	53	266
EL DORADO	666	133	559	0	27	240						
FRESNO	2449	825	7188	985	399	2875	1864	106	586	53	53	80
GLENN	13338	3035	34557	21006	3328	42332	2343	80	346	80	27	106
HUMBOLDT	8333	1225	11155	133	106	1225	985	106	213	559	80	160
IMPERIAL	2609	825	7135	16107	3035	19063	27	27	80	879	240	825
INYO	985	240	4446	825	133	3328	27	27	266	4633	53	2103
KERN	453	293	1464	266	160	1411				133	27	27
KINGS	373	53	1651	53	27	799				612	53	1624
LAKE	27	27	133									
LASSEN	4766	1065	8014	1065	373	4100	80	53	80	106	27	27
LOS ANGELES	27	27	453	27	27	453						
MADERA	399	186	1278	106	53	213				0	27	80
MARIN	719	106	1464									
MARIPOSA	0	27	53	106	27	532						
MENDOCINO				0	27	213						
MERCED	5351	1810	22390	9372	2529	36155	1731	266	1118	186	80	399
MODOC	10197	2103	13099	1651	586	3434	293	80	266			
MONO	532	266	3807	80	106	240	133	27	266			
MONTEREY	399	106	825									
NAPA	985	506	3301	506	106	1251	80	27	53	266	27	266
NEVADA	1651	160	2236									
ORANGE												
PLACER	4286	852	10277	958	186	2370						
PLUMAS	1571	319	3035	346	160	1118				213	27	532
RIVERSIDE	453	586	5138	1331	453	3301	27	53	106	27	27	27
SACRAMENTO	10410	2023	17438	4446	1038	11688						
SAN BENITO	106	27	27	27	27	532						
SAN BERNARDINO	1358	213	1251				80	27	80	53	27	80
SAN DIEGO	53	53	373	106	53	346				27	27	53
SAN FRANCISCO												
SAN JOAQUIN	9744	1171	12620	2662	559	8253				53	27	399
SAN LUIS OBISPO	1065	53	1065	719	27	1864	106	27	532			
SAN MATEO	106	80	772									
SANTA BARBARA												
SANTA CLARA	532	293	2183									
SANTA CRUZ												
SHASTA	6363	1305	11501	133	160	1518				532	27	532
SIERRA	586	133	1305	0	27	426						
SISKIYOU	12939	2130	16107	2316	639	2849						
SOLANO	2396	932	10330	293	373	4606	426	27	53	479	53	186
SONOMA	1837	426	3866	53	53	160	0	27	27			
STANISLAUS	4792	985	9584	1597	293	2955						
SUTTER	17305	2875	38391	9931	2316	30138	293	27	53	319	80	106
TEHAMA	1198	399	3115	825	186	2662				213	27	532
TRINITY	213	160	1065	27	53	293				160	27	266
TULARE	1038	240	905	213	106	319						
TUOLUMNE	772	186	772									
VENTURA				106	27	266	692	53	346	532	27	266
YOLO	6257	1438	15335	2716	799	8307	213	27	53	186	53	399
YUBA	5138	1198	10783	612	2290	7375	266	27	53			
UNKNOWN	160	186	399	532	186	825						
TOTAL	201,461	42,305	445,466	135,434	29,153	340,889	10,729	1,384	5,564	16,746	1,438	11,688

EXTRAPOLATED

Blank cells indicate counties where there were no reporting hunters for that species. A bag of zero indicates no successful reporting hunters for that county and species.

TABLE 8: BAG, HUNTER NUMBERS, AND DAYS HUNTED BY COUNTY AND SPECIES, 2010

	PHEASANT (EXCLUDING LGBCs)			PHEASANT (LGBCs)			CHUKAR (EXCLUDING LGBCs)			CHUKAR (LGBCs)		
	Bag	Hunters	Days	Bag	Hunters	Days	Bag	Hunters	Days	Bag	Hunters	Days
ALAMEDA	80	27	53	319	27	160	186	27	53			
ALPINE	0	213	213	0	27	905				586	27	559
AMADOR	479	53	106	8466	825	4366				1305	106	213
BUTTE	7428	2236	8493	12566	1198	7029				2822	53	266
CALAVERAS				5511	426	2609						
COLUSA	11848	3994	15042	9425	1251	5058	53	80	160	2769	266	1118
CONTRA COSTA	373	319	1251	7428	506	4340	133	27	27	80	27	27
DEL NORTE				266	27	53	133	27	53			
EL DORADO				639	27	266						
FRESNO	293	399	1171	2236	293	612	1331	266	1704	586	106	106
GLENN	4180	1438	5484	10170	958	5085	106	53	53	1704	186	426
HUMBOLDT	213	53	240	745	160	266	106	53	53	80	27	27
IMPERIAL	5085	2157	7534	905	240	532	346	133	373	53	53	53
INYO	0	53	80				6150	1278	6416	319	53	53
KERN	1757	373	1305	1624	426	612	11741	2396	12540	1757	346	666
KINGS	80	53	106	106	27	53				319	53	53
LAKE	0	27	27									
LASSEN	2503	692	3088	2742	346	1571	11022	1331	7109	4899	186	1411
LOS ANGELES	0	27	266	1704	373	692				3275	293	772
MADERA	27	53	53	186	106	160						
MARIN	399	27	399	985	240	905	266	27	27	266	27	27
MARIPOSA	0	27	106	53	27	27				240	27	27
MENDOCINO	0	53	319									
MERCED	3221	1704	5910	2077	453	1251	1651	80	612	2556	266	1225
MODOC	1038	479	1331	240	106	160	453	80	186	0	27	27
MONO							1092	213	1171	106	27	53
MONTEREY	106	27	80	5431	53	612				9318	27	532
NAPA	532	106	293	399	53	240						
NEVADA	240	53	319	346	53	213						
ORANGE	106	27	53	879	80	825				80	27	27
PLACER	799	399	1012	15016	958	6283				639	133	240
PLUMAS	426	27	213	319	80	133	27	53	53	0	27	53
RIVERSIDE	719	186	373	4686	985	2822	799	133	532	2795	426	1145
SACRAMENTO	2982	1198	4606	13099	1012	6363				2183	240	506
SAN BENITO	133	53	346	106	53	53	426	293	1145	0	27	53
SAN BERNARDINO				2343	293	692	14723	2822	17465	2795	346	1012
SAN DIEGO	213	160	293	905	133	612				1464	53	186
SAN FRANCISCO												
SAN JOAQUIN	3647	1145	4340	9611	1171	5325	293	53	80	1677	160	479
SAN LUIS OBISPO	213	53	106	1464	186	639	240	133	453	1491	80	506
SAN MATEO												
SANTA BARBARA	53	53	80	53	27	27	319	53	1624			
SANTA CLARA	0	27	133									
SANTA CRUZ												
SHASTA	53	53	133	666	160	213				133	53	53
SIERRA	27	27	27				373	53	80			
SISKIYOU	3807	1384	5058	3008	373	905				1118	160	240
SOLANO	6576	1677	8573	77581	6230	39643	27	27	27	4127	426	1677
SONOMA	825	186	2023	12300	1092	9372				3008	240	506
STANISLAUS	1305	346	1145	1038	266	612				2077	80	373
SUTTER	4100	1491	7987	15921	1198	6842				373	80	106
TEHAMA	932	373	1544	16480	1384	8360	266	27	53	3727	266	1358
TRINITY												
TULARE	1038	373	1411	5005	532	2822	0	27	106	1571	186	2157
TUOLUMNE	0	27	27									
VENTURA				186	27	27	0	53	240			
YOLO	9052	3088	10942	19275	2290	7854	106	53	53	12327	985	3275
YUBA	1704	745	2716	1251	213	532				319	27	106
UNKNOWN	240	133	293	3301	506	1411	426	133	10117	453	80	80
TOTAL	78,832	27,689	106,707	279,069	27,476	140,147	52,795	9,984	62,565	75,398	6,283	21,778

EXTRAPOLATED

Blank cells indicate counties where there were no reporting hunters for that species. A bag of zero indicates no successful reporting hunters for that county and species.

TABLE 8: BAG, HUNTER NUMBERS, AND DAYS HUNTED BY COUNTY AND SPECIES, 2010

	AMERICAN CROW			CALIFORNIA QUAIL			MOUNTAIN QUAIL			GAMBEL'S (DESERT) QUAIL		
	Bag	Hunters	Days	Bag	Hunters	Days	Bag	Hunters	Days	Bag	Hunters	Days
ALAMEDA				1864	240	532	532	53	213			
ALPINE				1970	106	639	2290	240	1251			
AMADOR	0	27	266	985	186	586	506	160	719			
BUTTE	1970	133	1225	5937	958	5271	852	293	3781			
CALAVERAS	53	53	399	1864	373	2050	1331	346	1305			
COLUSA	0	27	27	4553	479	2130	186	80	266			
CONTRA COSTA	80	53	80									
DEL NORTE							453	186	1251			
EL DORADO	0	27	53	2236	346	2902	6416	1145	6762			
FRESNO	825	80	240	15628	1384	7801	3381	905	4606			
GLENN	53	27	53	4047	559	2982	1544	293	12247			
HUMBOLDT	160	27	80	3275	532	3062	5751	745	5032			
IMPERIAL	27	27	27	5458	586	2290				15974	1518	5697
INYO				15016	1384	9771	1171	186	1092	1145	240	719
KERN	186	80	213	65840	4819	28487	4766	1171	5937	5378	453	3781
KINGS				3940	213	1358	27	27	27			
LAKE	453	80	319	5325	745	3328	719	160	719			
LASSEN	53	53	160	14776	1092	6310	2050	426	1624			
LOS ANGELES	53	27	133	16480	1704	10623	586	266	2769	958	106	586
MADERA	160	27	80	3994	399	2503	319	160	612			
MARIN	133	27	133	319	80	240						
MARIPOSA				1145	240	639	692	213	532			
MENDOCINO				5298	879	4899	3115	612	4073			
MERCED	2929	106	266	5271	453	3142	532	53	266			
MODOC				9797	559	2822	612	160	639			
MONO				2103	293	719	692	160	399	426	27	80
MONTEREY	106	53	293	29100	1704	8972	1624	186	1065			
NAPA	80	53	53	7987	586	2689	0	133	1171			
NEVADA	266	106	1065	3781	373	2503	1757	586	2609			
ORANGE							240	53	825	106	27	80
PLACER	80	27	186	1677	399	1384	1970	373	2902			
PLUMAS				1358	213	1251	6949	1118	5857			
RIVERSIDE	53	27	53	13685	1251	6097	160	266	426	21938	1012	6576
SACRAMENTO	80	27	133	852	240	612	0	27	799			
SAN BENITO	799	53	399	11528	772	3621	53	27	53			
SAN BERNARDINO	479	53	346	20820	2476	13738	5910	1145	5431	27342	2396	13232
SAN DIEGO	2023	213	985	18184	1544	7348	905	240	1358	1384	266	1278
SAN FRANCISCO												
SAN JOAQUIN	1198	213	1171	2822	240	1597	186	27	27			
SAN LUIS OBISPO				34930	2290	11315	639	106	745			
SAN MATEO				825	80	879						
SANTA BARBARA	772	27	240	16054	1278	6283	586	160	426			
SANTA CLARA	27	27	27	1997	266	1038	266	27	399			
SANTA CRUZ				639	53	160						
SHASTA				11848	1970	10037	5910	879	6523			
SIERRA				1597	160	2662	1757	373	3701			
SISKIYOU	53	80	373	4659	852	4473	12194	1571	9824			
SOLANO	639	106	133	160	53	80	586	53	293			
SONOMA	319	53	213	2263	346	1438	0	27	27			
STANISLAUS	6576	213	1331	4340	479	2582	266	106	346			
SUTTER	3514	106	586	3647	266	2423	586	27	799			
TEHAMA	266	53	612	20900	1837	8733	4073	639	3727			
TRINITY				4712	506	3754	9877	1544	11315			
TULARE	9079	80	1411	11688	932	4686	6789	799	5671	133	27	53
TUOLUMNE				3647	586	4047	5937	1251	6896			
VENTURA	27	27	27	8892	1038	5218	1810	479	2396			
YOLO	80	53	532	4739	559	1917	160	53	53			
YUBA	2689	80	319	5831	639	2290	266	53	106			
UNKNOWN				1491	133	1171	612	80	346			
TOTAL	36,341	2,609	14,244	453,773	42,731	230,081	110,594	20,447	132,239	74,786	6,070	32,081

EXTRAPOLATED

Blank cells indicate counties where there were no reporting hunters for that species. A bag of zero indicates no successful reporting hunters for that county and species.

TABLE 8: BAG, HUNTER NUMBERS, AND DAYS HUNTED BY COUNTY AND SPECIES, 2010

	MOURNING DOVE (SEPT.)			MOURNING DOVE (NOV./DEC.)			WHITE-WINGED DOVE			EURASIAN COLLARED-DOVE		
	Bag	Hunters	Days	Bag	Hunters	Days	Bag	Hunters	Days	Bag	Hunters	Days
ALAMEDA	6070	213	1038	1065	80	266				293	27	106
ALPINE	532	27	53	453	27	106				160	27	53
AMADOR	4393	373	879	612	53	80	133	27	27			
BUTTE	33626	2849	8120	4553	479	1358	0	27	27	426	133	559
CALAVERAS	5325	373	1518	106	53	106						
COLUSA	26544	1997	5298	4712	506	1384	799	80	213	1145	106	293
CONTRA COSTA	6683	426	1225	1012	186	586						
DEL NORTE												
EL DORADO	2503	293	1012	453	133	266						
FRESNO	94567	4180	16427	17332	1198	4180	1970	80	399	160	53	106
GLENN	26810	1837	6230	4286	373	1225				1571	186	745
HUMBOLDT	0	27	27	532	27	106						
IMPERIAL	133704	7668	21139	53327	3008	10623	20394	2822	10090	60941	3488	14590
INYO	15096	1065	5831	319	133	293	213	27	106	293	133	266
KERN	93688	4020	17146	44648	1704	10223	1065	53	240	8360	319	2662
KINGS	13738	639	2343	4020	266	692	133	27	27	373	80	373
LAKE	1092	186	373	213	53	133						
LASSEN	12620	1118	2716	4313	160	1171	586	53	133	1251	160	799
LOS ANGELES	8333	745	5884	1731	240	905				160	53	133
MADERA	31602	1491	7295	4473	399	2210	399	27	106	240	80	373
MARIN	27	27	27									
MARIPOSA	5165	319	1171	1065	160	532						
MENDOCINO	1118	106	160	399	80	160				319	27	80
MERCED	46698	2716	9797	11661	719	2875	1331	27	266	825	186	932
MODOC	7215	692	1917							53	27	160
MONO	1624	186	506									
MONTEREY	21326	1171	3594	12167	293	2050				719	106	586
NAPA	4499	479	1065	1624	160	586	0	27	27	639	27	133
NEVADA	2875	373	1038	426	80	506						
ORANGE												
PLACER	18237	1118	4553	5724	479	1651				213	80	453
PLUMAS	852	53	160	373	53	160						
RIVERSIDE	43583	2662	8786	17172	1251	4925	14084	1092	4446	9638	745	3062
SACRAMENTO	30191	1784	6123	9265	399	2130				453	133	399
SAN BENITO	13525	745	2290	1997	160	1864				1198	133	346
SAN BERNARDINO	33785	2050	7827	9611	879	3328	3967	453	1198	6842	453	3248
SAN DIEGO	8679	586	3008	5777	532	1970	186	53	160	1225	160	1092
SAN FRANCISCO	532	27	160									
SAN JOAQUIN	48056	2929	9664	10144	745	3994	80	27	53	1704	373	1092
SAN LUIS OBISPO	24946	1571	4872	8759	639	3088	745	80	186	373	160	612
SAN MATEO												
SANTA BARBARA	5884	426	1358	2503	186	852	0	27	133			
SANTA CLARA	3727	266	719	532	53	240				373	80	293
SANTA CRUZ							346	27	53	346	27	27
SHASTA	24627	1864	6017	2875	266	825	1065	133	772	1571	160	1092
SIERRA	479	80	160							0	27	53
SISKIYOU	12673	932	3008	2582	186	745	0	27	53	319	160	559
SOLANO	11501	745	2449	5218	186	799	53	27	160	3221	106	852
SONOMA	6842	559	1731	1251	160	586	186	27	133	4579	213	479
STANISLAUS	34824	2130	7668	9877	612	3035				2742	319	2183
SUTTER	22657	1438	5511	3434	319	1278				2290	133	426
TEHAMA	41027	3008	10783	7215	506	2130	1065	27	133	879	346	1092
TRINITY	240	53	106									
TULARE	36767	2130	6416	19648	745	3647	1810	160	1491	160	27	27
TUOLUMNE	5245	479	1597	825	106	453				186	53	80
VENTURA	3408	399	985	799	106	213						
YOLO	32587	2716	7534	2556	319	905	106	53	80	160	133	399
YUBA	7907	692	1890	1597	106	426	240	53	293	80	53	160
UNKNOWN	1198	186	266	1677	106	240	346	53	80	799	27	240
TOTAL	1,081,451	67,225	229,469	306,917	19,675	82,107	51,304	5,591	21,086	117,277	9,318	41,213

EXTRAPOLATED

Blank cells indicate counties where there were no reporting hunters for that species. A bag of zero indicates no successful reporting hunters for that county and species.

TABLE 8: BAG, HUNTER NUMBERS, AND DAYS HUNTED BY COUNTY AND SPECIES, 2010

	BAND-TAILED PIGEON (NORTHERN ZONE)			BAND-TAILED PIGEON (SOUTHERN ZONE)			SOOTY (BLUE) GROUSE			RUFFED GROUSE		
	Bag	Hunters	Days	Bag	Hunters	Days	Bag	Hunters	Days	Bag	Hunters	Days
ALAMEDA												
ALPINE							106	80	240			
AMADOR	0	27	53	0	27	133	0	27	53			
BUTTE	612	186	799									
CALAVERAS				0	53	106						
COLUSA	0	27	53									
CONTRA COSTA												
DEL NORTE	639	186	852				53	80	612	240	133	745
EL DORADO				0	27	53	319	186	612			
FRESNO	53	27	27				27	27	27			
GLENN	53	53	106							27	27	53
HUMBOLDT	27	27	27				666	213	772	506	240	1518
IMPERIAL				106	27	27						
INYO												
KERN	53	27	27	106	80	346						
KINGS				53	27	106						
LAKE	80	27	27				27	27	53			
LASSEN	80	53	106				213	266	719			
LOS ANGELES				0	27	27						
MADERA												
MARIN												
MARIPOSA				53	53	53						
MENDOCINO	266	133	426	53	27	53	53	80	373	0	27	53
MERCED												
MODOC							80	186	666	133	160	506
MONO							106	80	160			
MONTEREY	666	346	745	1065	319	825						
NAPA	373	27	133									
NEVADA	106	27	80				160	186	639			
ORANGE												
PLACER	27	53	106	80	53	80	559	160	825			
PLUMAS	240	80	186				213	160	932	319	186	1518
RIVERSIDE												
SACRAMENTO												
SAN BENITO	0	27	27									
SAN BERNARDINO				106	106	133						
SAN DIEGO	53	27	27	293	240	319						
SAN FRANCISCO												
SAN JOAQUIN												
SAN LUIS OBISPO	213	80	213	80	160	240						
SAN MATEO												
SANTA BARBARA	53	27	133	0	53	53						
SANTA CLARA												
SANTA CRUZ				106	27	53						
SHASTA	1012	293	666				80	106	692	106	53	133
SIERRA	160	80	160				160	186	1278	0	53	453
SISKIYOU	1731	399	1651				1278	666	3221	1677	852	5325
SOLANO	319	27	80									
SONOMA												
STANISLAUS												
SUTTER	0	27	27									
TEHAMA	160	27	53				0	80	240			
TRINITY	133	160	319				213	240	1997	799	506	3541
TULARE	1065	27	532				0	27	80			
TUOLUMNE	0	27	53				53	80	346			
VENTURA				106	53	160						
YOLO												
YUBA				53	27	53						
UNKNOWN												
TOTAL	8,173	2,529	7,694	2,263	1,384	2,822	4,366	3,142	14,536	3,807	2,236	13,844

EXTRAPOLATED

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TABLE 8: BAG, HUNTER NUMBERS, AND DAYS HUNTED BY COUNTY AND SPECIES, 2010

	WHITE-TAILED PTARMIGAN			WILD TURKEY (SPRING)			WILD TURKEY (FALL)			WILD TURKEY (LGBCs)		
	Bag	Hunters	Days	Bag	Hunters	Days	Bag	Hunters	Days	Bag	Hunters	Days
ALAMEDA				692	612	2529	80	213	745	0	53	80
ALPINE				80	53	319	479	53	506			
AMADOR				825	1065	4446	293	506	1278	27	53	80
BUTTE				2077	1997	8679	692	1145	2982	27	133	373
CALAVERAS				852	1278	4952	319	586	1810	106	106	1651
COLUSA				426	719	2503	213	240	479	53	53	106
CONTRA COSTA				479	426	1890	106	186	293			
DEL NORTE												
EL DORADO				1677	2103	8653	532	1145	3062	27	106	559
FRESNO				160	639	3754	133	266	879	27	53	426
GLENN				373	719	2716	319	453	1012	80	80	532
HUMBOLDT				346	453	1624	27	106	293	27	27	133
IMPERIAL				0	27	133						
INYO												
KERN				186	319	1518	0	186	373			
KINGS				80	80	160						
LAKE				958	1225	4686	213	399	1038	27	53	106
LASSEN				0	27	27						
LOS ANGELES				0	27	133	0	27	27			
MADERA				186	240	932	133	186	612			
MARIN				186	160	639	53	80	319	27	27	319
MARIPOSA				346	293	1491	53	133	319	0	27	80
MENDOCINO				1331	1571	5618	373	532	1251	0	53	319
MERCED				80	80	240	27	27	27			
MODOC				133	240	1624	0	80	666	0	27	160
MONO	27	27	27									
MONTEREY				426	932	2449	186	266	639	27	106	319
NAPA				1092	1624	6523	293	612	2157			
NEVADA				1092	1251	5298	266	453	1384			
ORANGE												
PLACER				1704	1624	7747	506	852	2822	80	53	346
PLUMAS				240	479	2316	80	106	479			
RIVERSIDE				0	53	106						
SACRAMENTO				453	453	2316	133	240	426	53	27	133
SAN BENITO				293	346	1012	53	106	240			
SAN BERNARDINO				27	133	666	0	27	213			
SAN DIEGO				719	1597	6762	293	985	3355	0	80	160
SAN FRANCISCO				0	27	80						
SAN JOAQUIN				106	186	799	160	186	346	0	27	160
SAN LUIS OBISPO				719	879	2556	373	479	1171	27	80	106
SAN MATEO												
SANTA BARBARA				133	213	1012	0	133	426	0	27	53
SANTA CLARA				373	346	1278	186	213	532			
SANTA CRUZ				27	27	27	27	53	213			
SHASTA				2503	2795	18184	745	1411	6070	186	160	1065
SIERRA				0	53	346						
SISKIYOU				293	586	3275	106	213	772	0	27	266
SOLANO				719	612	2503	266	266	825	0	27	266
SONOMA				1358	1464	5484	479	639	3275	106	80	373
STANISLAUS				160	240	1012	53	80	106			
SUTTER				213	453	1544	80	213	852	0	53	53
TEHAMA				1384	1571	6896	293	532	1278	0	27	53
TRINITY				240	399	1997	133	240	639	0	80	213
TULARE				266	373	1198						
TUOLUMNE				160	692	2982	27	266	879			
VENTURA				133	160	399	53	80	106	27	27	106
YOLO				612	745	3355	213	399	1118	53	53	266
YUBA				905	1278	5591	319	666	1997	106	80	426
UNKNOWN				0	27	27				0	27	53
TOTAL	27	27	27	27,822	35,968	155,003	9,372	16,267	50,292	1,092	1,890	9,345

EXTRAPOLATED

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TABLE 8: BAG, HUNTER NUMBERS, AND DAYS HUNTED BY COUNTY AND SPECIES, 2010

	MARMOT			JACKRABBIT			COTTONTAIL RABBIT			TREE SQUIRREL		
	Bag	Hunters	Days	Bag	Hunters	Days	Bag	Hunters	Days	Bag	Hunters	Days
ALAMEDA				399	106	612	905	80	692	160	27	160
ALPINE	133	27	532				27	27	53	106	53	80
AMADOR				27	27	27	80	27	985	453	160	958
BUTTE				3914	346	4340	3168	426	4606	1917	453	3328
CALAVERAS							133	27	53	1171	373	2370
COLUSA				1171	319	1518	932	186	4180	532	160	1677
CONTRA COSTA				160	53	80				80	27	80
DEL NORTE										160	133	612
EL DORADO				186	80	160				6683	985	8759
FRESNO				905	186	1278	1651	373	1784	1597	399	2662
GLENN				932	186	719	985	186	1065	1092	213	3248
HUMBOLDT				479	80	905	80	27	27	772	240	2316
IMPERIAL				453	133	319	2023	399	3301			
INYO				293	106	373	1970	213	1864	213	53	106
KERN	160	27	53	3195	745	6017	5591	772	5724	1810	453	2689
KINGS				106	27	266	213	27	266	319	27	160
LAKE				266	106	612				53	80	133
LASSEN	373	27	346	9372	612	7135	1331	319	2742	852	213	1757
LOS ANGELES				719	293	2503	1491	346	3488			
MADERA				399	106	612	1118	240	2689	0	27	80
MARIN				53	27	160				80	53	186
MARIPOSA							53	53	106	772	346	1864
MENDOCINO				373	186	799	80	27	399	692	266	2183
MERCED				1092	160	506	3594	399	2183	80	27	80
MODOC	1677	186	799	1438	213	772	958	80	319	53	27	106
MONO							319	53	106			
MONTEREY				1624	133	2849	905	266	772	745	186	852
NAPA				1171	106	1171	0	27	53	559	106	426
NEVADA				453	106	1065	133	53	852	692	266	2103
ORANGE												
PLACER				1225	160	1171	1065	160	1438	2662	506	2982
PLUMAS	80	27	266	27	27	53	27	27	27	3195	453	3488
RIVERSIDE				2290	426	5058	3514	532	3035			
SACRAMENTO				639	106	586	772	160	479	426	106	1145
SAN BENITO				932	80	639	373	80	399			
SAN BERNARDINO				3940	772	5964	2875	772	3887	106	27	532
SAN DIEGO				799	186	1331	3568	692	4925			
SAN FRANCISCO												
SAN JOAQUIN				2929	240	3008	2503	293	2396	53	27	53
SAN LUIS OBISPO				1597	160	2236	479	293	1970	240	53	186
SAN MATEO							1305	80	666			
SANTA BARBARA							479	80	133			
SANTA CLARA				0	27	27	0	27	27			
SANTA CRUZ												
SHASTA				2183	346	3887	346	80	426	7428	1198	11608
SIERRA	0	27	133	213	27	1065	80	27	266	799	186	1997
SISKIYOU	4180	160	1118	1118	319	2023	532	186	1038	3594	692	4925
SOLANO				19009	106	1518	27	27	27			
SONOMA				373	80	639	27	27	27	80	27	319
STANISLAUS				266	27	266	2077	213	958	319	106	586
SUTTER				1464	160	2263	3301	373	3647	825	80	532
TEHAMA	0	27	53	346	80	213	27	27	27	2689	506	3674
TRINITY				4606	213	3647	373	80	532	2370	612	4606
TULARE				453	133	319	3381	346	2396	1278	346	2849
TUOLUMNE				160	106	932	106	53	53	2982	745	5910
VENTURA				719	133	745	2130	453	1704			
YOLO				1038	80	905	240	80	240			
YUBA				53	53	53	240	80	240	719	213	1065
UNKNOWN				53	53	160	0	27	106	1065	106	532
TOTAL	6,603	506	3,301	75,611	8,546	73,508	57,587	9,904	69,381	52,475	11,342	85,968

EXTRAPOLATED

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TABLE 8: BAG, HUNTER NUMBERS, AND DAYS HUNTED BY COUNTY AND SPECIES, 2010

	GRAY FOX			RACCOON			BADGER			COYOTE		
	Bag	Hunters	Days	Bag	Hunters	Days	Bag	Hunters	Days	Bag	Hunters	Days
ALAMEDA										80	106	532
ALPINE										453	27	106
AMADOR										106	160	1012
BUTTE	106	27	53	1198	80	1251				692	426	3301
CALAVERAS				80	27	80				532	240	1704
COLUSA				0	27	799				692	319	3381
CONTRA COSTA				319	53	240				506	133	1012
DEL NORTE				80	53	240						
EL DORADO				27	27	373				532	319	12433
FRESNO	53	53	80	1518	80	719				6549	772	9372
GLENN				692	106	1384				1384	319	4233
HUMBOLDT	639	53	532	27	27	27				932	426	3142
IMPERIAL	0	27	160				0	27	160	1411	373	2050
INYO	0	27	27	160	27	160				1251	346	1917
KERN										3195	1358	27023
KINGS				160	27	106				2795	106	1198
LAKE										799	319	3781
LASSEN							27	27	27	3275	852	8626
LOS ANGELES										852	506	4446
MADERA										426	293	1997
MARIN										240	53	799
MARIPOSA	27	27	106							133	80	240
MENDOCINO	346	53	1305	373	27	745				532	399	4579
MERCED				532	106	293				586	293	1251
MODOC							133	133	346	1970	825	6230
MONO										106	160	719
MONTEREY										1438	532	7242
NAPA										1038	293	2476
NEVADA				0	27	27				506	346	2476
ORANGE										293	27	719
PLACER	27	53	213							532	373	10862
PLUMAS	80	80	319	80	80	266				1970	319	7321
RIVERSIDE	80	27	106							1491	612	9611
SACRAMENTO										1118	186	1757
SAN BENITO										266	213	2875
SAN BERNARDINO	27	53	1012	0	27	53				5165	1518	17199
SAN DIEGO										1784	612	16161
SAN FRANCISCO												
SAN JOAQUIN				2103	80	1890				745	319	2902
SAN LUIS OBISPO										1171	293	1837
SAN MATEO										27	53	559
SANTA BARBARA										319	266	3275
SANTA CLARA										186	106	2103
SANTA CRUZ										133	27	932
SHASTA	80	80	160	27	27	106				1890	745	7881
SIERRA										506	293	5804
SISKIYOU	213	53	932							3195	879	7641
SOLANO				453	53	426				2077	266	4233
SONOMA	106	53	426	27	27	27				639	319	2742
STANISLAUS				160	53	559				1970	506	4553
SUTTER				1651	80	1837				1198	319	2290
TEHAMA	27	27	80	133	80	346				2396	639	7162
TRINITY	133	80	426	80	27	53	53	27	53	240	213	932
TULARE	133	106	1038	53	27	133				3647	532	6549
TUOLUMNE	160	133	1358							373	319	2449
VENTURA	0	53	319							879	186	3301
YOLO										1757	346	2503
YUBA				0	27	799				639	373	5644
UNKNOWN				27	27	53				293	80	426
TOTAL	2,236	1,065	8,653	9,957	1,305	12,992	213	213	586	69,914	21,326	259,500

EXTRAPOLATED

Blank cells indicate counties where there were no reporting hunters for that species. A bag of zero indicates no successful reporting hunters for that county and species.

TABLE 8: BAG, HUNTER NUMBERS, AND DAYS HUNTED BY COUNTY AND SPECIES, 2010

	BOBCAT											
	Bag	Hunters	Days	Bag	Hunters	Days	Bag	Hunters	Days	Bag	Hunters	Days
ALAMEDA												
ALPINE												
AMADOR	0	53	586									
BUTTE	0	27	1597									
CALAVERAS	0	53	586									
COLUSA												
CONTRA COSTA												
DEL NORTE												
EL DORADO	0	53	506									
FRESNO	133	133	1251									
GLENN												
HUMBOLDT	0	53	479									
IMPERIAL	0	53	692									
INYO	133	53	399									
KERN	266	399	2370									
KINGS	0	27	106									
LAKE	0	53	240									
LASSEN	80	133	879									
LOS ANGELES	0	133	1118									
MADERA	53	53	160									
MARIN	27	27	27									
MARIPOSA	0	27	27									
MENDOCINO	53	160	1518									
MERCED	0	27	27									
MODOC	0	53	133									
MONO	0	27	80									
MONTEREY	106	133	1411									
NAPA	27	27	319									
NEVADA	0	53	1464									
ORANGE	0	27	27									
PLACER	0	27	160									
PLUMAS	0	80	2130									
RIVERSIDE	106	240	1464									
SACRAMENTO												
SAN BENITO	27	80	160									
SAN BERNARDINO	80	426	3621									
SAN DIEGO	0	133	506									
SAN FRANCISCO												
SAN JOAQUIN	0	27	266									
SAN LUIS OBISPO												
SAN MATEO												
SANTA BARBARA	0	53	346									
SANTA CLARA	53	80	106									
SANTA CRUZ												
SHASTA	27	106	479									
SIERRA	0	27	1331									
SISKIYOU	186	106	1038									
SOLANO	27	27	0									
SONOMA												
STANISLAUS												
SUTTER												
TEHAMA												
TRINITY	53	53	506									
TULARE	27	213	1225									
TUOLUMNE	0	80	506									
VENTURA	27	106	1225									
YOLO												
YUBA	27	53	266									
UNKNOWN												
TOTAL	1,518	3,754	31,336	0	0	0	0	0	0	0	0	0

EXTRAPOLATED

Blank cells indicate counties where there were no reporting hunters for that species. A bag of zero indicates no successful reporting hunters for that county and species.

TABLE 9: STATEWIDE HUNTER PARTICIPATION BY GENDER AND AGE, 2010

	AGE COHORT							TOTAL*
	Unknown	1 - 16	17 - 21	22 - 30	31 - 40	41 - 50	51+	
Male (A+B+C)	8,274	11,169	8,636	17,585	26,849	49,138	147,920	269,571
Female (A+B+C)	193	1,978	1,447	1,544	1,978	3,305	6,465	16,910
TOTAL	8,467	13,147	10,083	19,129	28,827	52,443	154,385	286,481
A								
Returning Hunter (male)	5,403	7,406	6,561	14,184	21,855	40,816	113,787	210,012
Returning Hunter (female)	0	893	772	989	1,182	2,171	4,053	10,059
TOTAL	5,403	8,298	7,333	15,173	23,037	42,987	117,839	220,071
B								
First Year Hunting (male)	0	2,050	169	507	434	314	410	3,884
First Year Hunting (female)	0	555	0	24	72	96	48	796
TOTAL	0	2,605	169	531	507	410	458	4,680
C								
Did Not Hunt (male)	2,871	1,713	1,906	2,895	4,559	8,009	33,724	55,675
Did Not Hunt (female)	193	531	675	531	724	1,037	2,364	6,055
TOTAL	3,064	2,243	2,581	3,425	5,283	9,046	36,088	61,730
* Totals may be less than those stated in other tables due to submission of incomplete data for these categories.								