REPORT OF THE 1999 GAME TAKE HUNTER SURVEY

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REPORT OF THE 1999 GAME TAKE HUNTER SURVEY

Hunter game take questionnaires were mailed to 21,401 randomly selected hunting licensees on February 24, 2000. These individuals represented approximately 7.0 percent of the total number of licenses sold (305,960) in 1999. Two follow-up mailings consisting of the entire hunter game take questionnaire were sent to nonrespondents on April 19, 2000 and May 22, 2000. There were 446 questionnaires returned undeliverable, which left a total of 20,955 possible respondents. A total of 10,346 persons returned the questionnaire, representing approximately 3.4 percent of the total number of licenses sold. It was determined through the analysis of the survey that there was a hunting effort of approximately 305,960 hunting licensees who spent 5,031,571 days in the field.

For the past several years, follow-up mailings to nonrespondents have significantly increased response to the questionnaires. The increase reduces nonresponse bias, the phenomenon of more successful individuals (e.g., hunters) being more inclined to return a questionnaire than unsuccessful or nonparticipating individuals. Nonresponse bias is one of the principle causes of inflated bag and hunter-use figures in surveys of this type. However, statistical analysis of survey data indicated high validity for species pursued by large number of hunters. For more information concerning this survey please contact D. Sam Blankenship (916-653-1759). This survey has been a cooperative effort between the Wildlife Programs Branch, the Conservation Education Branch, and the License and Revenue Branch.

Hunters from License Sales	1998	*1999	Percent Change from 1998
Hunting Licenses	309,275	305,960	-1
Deer Tag Applications (including 2nd deer tags)	196,304	200,256	+2
Bear Tags	18,937	18,835	-0.8
Federal Duck Stamps	66,757	80,498	+17
State Duck Stamps	76,327	79,293	+4
Waterfowl Applications	429,245	531,576	+24
Upland Game Bird Stamps	191,496	196,498	+3

- **Total number of licenses sold by April 30.**

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REPORT COOPERATORS

Report prepared by D. Sam Blankenship, Associate Wildlife Biologist - Wildlife Programs Branch, with support provided by:

- Tony Straw, License and Revenue Branch Office, coordinated the selection, data entry, and sorting of 21,401 hunters for the initial mailing.

- Lorna Bernard, Conservation Education Branch, coordinated the contract for printing and mailing of all surveys.

- The following Wildlife Programs Branch Scientific Aids entered survey data, sorted data, and provide layout assistance.
    - Stephanie Buss, Seth Dasmann, Laura Belt, Jeanette Griffin, and Jennapher Miller

TABLE 1: ANNUAL HUNTER SURVEY SUMMARY TABLE 1997 - 1999
LISTED BY SPECIES

	1997	1998	1999	Percent Change 1998-1999
PHEASANTS (EXCLUDING LGBCs)				
Statewide Bag	159,209	115,670	156,436	35
Hunters Reported	51,511	33,176	56,090	69
Average Seasonal Bag	3.1	3.5	2.8	-20
Total Days Hunted	222,077	178,996	227,168	27
Average Days Hunted	4.3	5.4	4.1	-25
PHEASANTS (LGBCs)				
Statewide Bag	303,339	274,161	358,329	31
Hunters Reported	35,597	27042	37,758	40
Average Seasonal Bag	8.5	10.1	9.5	-6
Total Days Hunted	198,444	164123	209,693	28
Average Days Hunted	5.6	6.1	5.6	-8
QUAIL (ALL SPECIES)				
Statewide Bag	627,316	679,102	722,246	6
Hunters Reported	79,394	71,949	88,673	23
Average Seasonal Bag	7.9	9.4	8.1	-14
Total Days Hunted	443,479	443,154	492,093	11
Average Days Hunted	5.6	6.2	5.5	-10
CALIFORNIA QUAIL				
Statewide Bag	473,782	500,374	541,352	8
Hunters Reported	49,555	43,376	55,528	28
Average Seasonal Bag	9.6	11.5	9.7	-15
Total Days Hunted	284,186	263,892	304,960	16
Average Days Hunted	5.7	6.1	5.5	-10
MOUNTAIN QUAIL				
Statewide Bag	128,339	130,478	122,439	-6
Hunters Reported	25,279	23,806	25,280	6
Average Seasonal Bag	5.1	5.5	4.8	-12
Total Days Hunted	137,776	151,856	151,061	-1
Average Days Hunted	5.5	6.4	6.0	-6
GAMBEL'S QUAIL				
Statewide Bag	25,195	48,250	58,455	21
Hunters Reported	4,560	4,767	7,865	65
Average Seasonal Bag	5.5	10.1	7.4	-27
Total Days Hunted	21,517	22,807	36,072	58
Average Days Hunted	4.7	4.8	4.6	-4

TABLE 1: ANNUAL HUNTER SURVEY SUMMARY TABLE 1997 - 1999
LISTED BY SPECIES

DOVES (ALL SPECIES)	1997	1998	1999	Percent Change 1998-1999
Statewide Bag	1,530,484	1,172,272	1,610,515	37
Hunters Reported	106,345	81,689	120,931	48
Average Seasonal Bag	14.4	14.4	13.3	-7
Total Days Hunted	434,591	326,514	412,054	26
Average Days Hunted	4.1	4.0	3.4	-15
WHITE-WINGED DOVES				
Statewide Bag	105,819	39,280	45,711	16
Hunters Reported	13,198	6,034	6,682	11
Average Seasonal Bag	8.0	6.5	6.8	5
Total Days Hunted	52,589	20,440	19,308	-6
Average Days Hunted	4.0	3.4	2.9	-15
MOURNING DOVES				
Statewide Bag	1,424,665	1,132,992	1,564,804	38
Hunters Reported	93,147	75,655	114,249	51
Average Seasonal Bag	15.3	15.0	13.7	-9
Total Days Hunted	382,002	306,074	392,746	28
Average Days Hunted	4.1	4.0	3.4	-15
BAND-TAILED PIGEONS				
Statewide Bag	9,680	15,536	18,391	18
Hunters Reported	5,000	4,297	6,771	58
Average Seasonal Bag	1.9	3.6	2.7	-25
Total Days Hunted	14,240	17,238	20,343	18
Average Days Hunted	2.8	4.0	3.0	-25
CHUKAR PARTRIDGE (INCLUDING LGBC'S)				
Statewide Bag	34,597	51,917	52,896	2
Hunters Reported	10,200	8531	13,453	58
Average Seasonal Bag	3.4	6.1	3.9	-35
Total Days Hunted	51,191	63952	55,764	-13
Average Days Hunted	5.0	7.5	4.1	-45
BLUE/RUFFED GROUSE				
Statewide Bag	4,040	11,033	8,220	-25
Hunters Reported	3,080	5,560	7,510	35
Average Seasonal Bag	1.3	2.0	1.1	-45
Total Days Hunted	12,280	32,375	32,111	-1
Average Days Hunted	4.0	5.8	4.3	-27

TABLE 1: ANNUAL HUNTER SURVEY SUMMARY TABLE 1997 - 1999 LISTED BY SPECIES

SAGE GROUSE (DATA EXTRAPOLATED FROM PERMIT RETURNS)	1997	1998	1999	Percent Change 1998-1999
Statewide Bag	342	378	493	30
Hunters Reported	472	412	436	6
Average Seasonal Bag	0.7	0.9	1.1	23
Total Hours Hunted	3,582	3,234	3,470	7
Average Hours Hunted	7.6	7.8	8.0	1
JACK RABBITS				
Statewide Bag	123,458	76,024	74,954	-1
Hunters Reported	11,480	9165	10,822	18
Average Seasonal Bag	10.8	8.3	6.9	-17
Total Days Hunted	168,886	94664	110,612	17
Average Days Hunted	14.7	10.3	10.2	-1
COTTONTAIL RABBITS				
Statewide Bag	79,945	68425	78,679	15
Hunters Reported	14,640	9798	16,469	68
Average Seasonal Bag	5.5	7.0	4.8	-32
Total Days Hunted	98,704	78861	95,326	21
Average Days Hunted	6.7	8.0	5.8	-28
TREE SQUIRRELS				
Statewide Bag	42,795	56686	66,231	17
Hunters Reported	11,840	12403	13,335	8
Average Seasonal Bag	3.6	4.6	5.0	9
Total Days Hunted	77,948	91899	92,783	1
Average Days Hunted	6.6	7.4	7.0	-6
WILD TURKEY (SPRING) (EXCLUDING LGBC'S)				
Statewide Bag	10,600	5798	9,698	67
Hunters Reported	15,680	11270	17,267	53
Average Seasonal Bag	0.7	0.5	0.6	9
Total Days Hunted	67,349	44150	72,707	65
Average Days Hunted	4.3	3.9	4.2	7
WILD TURKEY (FALL) (EXCLUDING LGBC'S)				
Statewide Bag	5,840	5165	4,376	-15
Hunters Reported	11,400	7637	9,196	20
Average Seasonal Bag	0.5	0.7	0.5	-30
Total Days Hunted	43,836	22940	27,261	19
Average Days Hunted	3.8	3.0	3.0	-1

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LISTED BY SPECIES

DUCKS	1997	1998	1999	Percent Change 1998-1999
Statewide Bag	2,233,778	1217761	2,114,849	74
Hunters Reported	82,147	45,918	98,253	114
Average Seasonal Bag	27.2	26.5	21.5	-19
Total Days Hunted	1,036,907	548726	1,017,390	85
Average Days Hunted	12.6	12.0	10.4	-13
GEESE				
Statewide Bag	159,214	84,360	163,774	94
Hunters Reported	43,957	23,470	45,209	93
Average Seasonal Bag	3.6	3.6	3.6	0
Total Days Hunted	491,946	229,944	480,088	109
Average Days Hunted	11.2	9.8	10.6	8
DEER (HUNTER SURVEY DATABASE)				
Statewide Bag	38,718	52,312	39,266	-25
Hunters Reported	134,616	166,254	147,306	-11
Total Days Hunted	1,243,943	1,646,145	968,988	-41
Average Days Hunted	9.2	9.9	6.6	-34
DEER (DEER TAG DATABASE)				
Statewide Bag	39,612	34,755	33,874	-3
Deer Tag Sales	199,783	191,197	160,048	-16
Deer Hunters	155,487	147,947	151,911	3
BEAR (HUNTER SURVEY DATABASE)				
Statewide Bag	2,280	2,965	2,277	-23
Hunters Reported	12,200	15173	15,700	3
Total Days Hunted	128,615	166028	163,479	-2
Average Days Hunted	10.5	10.9	10.4	-5
BEAR (BEAR TAG DATABASE)				
Statewide Bag	1,677	1,676	1,836	10
Bear Tag Sales	15,000	18,681	18,321	-2
WILD PIGS				
Statewide Bag	17,479	52,516	29,449	-44
Hunters Reported	24,398	27607	31,992	16
Average Seasonal Bag	0.7	1.9	0.9	-52
Total Days Hunted	164,928	239717	229,237	-4
Average Days Hunted	6.8	8.7	7.2	-17

TABLE 2: HARVEST SUMMARY
FIVE YEAR AVERAGE, 1997-99 TOTALS, AND PERCENT CHANGE 1998-99

Species	Average 1995-1999	1997	1998	1999	Percent Change 1998-1999
Band-tailed Pigeons	11,652	9,680	15,536	18,391	18
Bear (Hunter Survey Database)	1,799	2,280	2,965	2,277	-23
Bear (Bear Tag Database)	1,310	1,677	1,676	1,838	10
Blue/Ruffed Grouse	5,610	4,040	11,033	8,220	-25
Chukar Partridge	38,744	34,597	51,917	52,896	2
Coots/Moorhen	21,519	24,359	24,874	17,060	-31
Cottontail Rabbits	73,494	79,945	68,425	78,679	15
Deer (Hunter Survey Database)	35,809	38,718	52,312	39,266	-25
Deer (Deer Tag Database)	30,708	39,612	34,755	33,874	-3
Dove	1,175,707	1,530,484	1,172,272	1,610,515	37
Ducks	1,248,454	2,233,778	1,217,761	2,114,849	74
Geese	94,221	159,214	84,360	163,774	94
Jack Rabbits	85,896	123,458	76,024	74,954	-1
Common Snipe	10,621	17,918	10,603	9,550	-10
Pheasant (Excluding LGBCs)	125,083	159,209	115,670	166,436	44
Quail	617,984	627,316	679,102	722,246	6
* Sage Grouse (Extrapolated)	283	342	378	493	30
Tree Squirrels	40,986	42,795	56,686	66,231	17
Wild Pigs	23,731	17,479	52,516	29,449	-44
Wild Turkeys	12,411	16,440	10,963	14,074	28

*Sage Grouse 1994-1999 taken from permit returns.

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

LICENSE & TAG SALES	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Hunting License	376,935	372,732	367,653	364,279	354,649	343,904	328,644	318,304	311,574	305,960
Deer Hunters based on tag sales	249,129	193,888	191,533	185,859	168,463	166,659	157,388	154,559	148,574	151,911
Deer Tags	267,668	256,533	255,413	247,252	223,667	220,036	207,551	205,187	196,338	200,256
Bear Tags	8,615	12,256	12,036	11,272	12,207	12,166	14,933	15,264	18,937	18,835
Duck Stamps (Federal)	59,784	68,837	65,619	64,606	74,711	62,406	69,297	77,536	66,757	80,498
Duck Stamps (State)	66,994	68,359	67,857	66,966	71,380	79,683	74,626	75,753	76,327	79,293
Upland Game Bird Stamps	N/A	N/A	N/A	223,009	219,768	215,508	205,132	194,356	191,496	196,442
STATE-WIDE BAG										
Deer (Deer Tag Database)	26,740	26,340	30,059	44,371	48,086	34,736	44,439	39,612	34,755	33,874
Deer (Hunter Survey Database)	64,017	39,102	51,045	66,013	92,524	41,723	46,291	38,718	52,312	39,266
Bear (Bear Tag Database)	1,187	1,493	1,266	1,426	1,607	1,585	1,714	1,677	1,676	1,836
Bear (Hunter Survey Database)	1,755	1,218	2,164	2,361	3,584	1,715	2,033	2,280	2,965	2,277
Wild Pig	43,011	22,386	23,989	30,086	34,644	24,269	24,392	17,479	52,516	29,449
*Pheasant	242,136	255,024	265,037	220,373	195,525	130,124	220,413	159,209	115,670	166,436
Quail (All Species)	865,728	821,688	1,349,440	1,490,991	1,198,343	985,997	797,507	627,316	679,102	722,246
Doves (All Species)	1,165,590	1,922,340	2,341,008	1,586,884	1,826,721	1,411,163	1,749,027	1,530,484	1,172,272	1,610,515
Chukar Partridge (Including LGBC's)	43,794	58,128	111,231	88,018	57,155	61,148	46,060	34,597	51,917	52,896
Blue and Ruffed Grouse	7,776	10,920	7,537	13,178	9,686	4,015	8,961	4,040	11,033	8,220
**Sage Grouse (Permit Returns)	1,944	462	415	472	597	324	444	342	378	493
Band-tailed Pigeon	28,674	26,964	21,157	12,803	31,793	10,819	22,857	9,680	15,536	18,391
Jack Rabbits	286,875	220,668	288,769	268,611	295,258	128,219	101,779	123,458	76,024	74,954
Cottontail Rabbits	170,964	116,886	251,754	237,571	250,723	119,897	99,202	79,945	68,425	78,679
Tree Squirrels	123,228	111,720	176,194	100,655	114,879	44,844	60,605	42,795	56,686	66,231
Ducks	1,027,647	1,297,254	1,265,821	1,223,332	1,324,743	1,510,347	1,640,395	2,233,778	1,217,761	2,114,849
Geese	109,674	122,976	142,239	115,823	118,344	80,850	146,683	159,214	84,360	163,774
Coots/Moorhens	11,691	13,524	23,582	16,162	6,514	39,123	19,238	24,359	24,874	17,060
Common Snipe	22,842	31,458	15,485	10,734	14,901	9,271	15,314	17,918	10,603	9,550
***Wild Turkeys	10,611	8,022	18,693	23,615	18,204	17,731	16,920	16,440	10,963	14,074
NUMBER HUNTER DAYS	6,035,715	4,951,716	7,397,715	6,589,548	7,459,056	4,890,744	5,340,857	5,417,277	4,806,337	4,532,907

*1989-1991 hunter surveys did not separate wild pheasant bag totals from LGBC bag totals. Therefore the bag totals for these years are a combination of wild pheasant and LGBC bag totals.
1992-1999 are exclusively wild pheasant bag.
**1988-1991 Sage Grouse bag totals are taken directly from hunter survey results and the 1992-1999 data are extrapolated estimates based on hunter permits.
***1999 Wild turkey harvest does not include LGBC harvest.

TABLE 4: NUMBER OF STATEWIDE HUNTERS 1989-1999

GAME HUNTED	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Deer (Hunter Survey)	213,300	304,803	174,426	227,388	226,009	223,062	150,971	136,565	134,616	166,254	147,306
Bear (Hunter Survey)	CLOSED	12,150	8,232	15,560	13,921	18,037	13,185	11,345	12,200	15,173	15,700
Wild Pig	36,500	54,729	31,206	39,253	35,387	46,531	31,962	22,505	24,398	27,607	31,992
* Pheasant	76,000	76,059	87,150	80,037	59,791	54,754	37,974	57,409	51,511	33,176	56,090
Quail	107,400	100,683	87,024	136,642	113,292	104,423	78,780	85,469	79,394	71,949	88,673
Doves	164,900	111,807	124,782	151,455	98,959	99,175	82,294	118,854	106,345	81,689	120,931
Chukar Partridge	10,000	12,312	9,618	17,313	17,851	15,146	12,627	10,880	10,200	8,531	13,453
Blue and Ruffed Grouse	5,300	6,183	5,628	6,903	6,129	5,907	2,734	4,721	3,080	5,560	7,510
**Sage Grouse	500	1,755	420	539	323	410	490	512	472	412	436
Band-tailed Pigeon	15,100	10,152	8,442	7,500	5,630	7,369	5,100	6,533	5,000	4,297	6,771
Jack Rabbits	26,400	31,482	25,242	32,799	27,223	26,544	12,726	12,076	11,480	9,165	10,822
Cottontail Rabbits	26,900	32,103	20,706	32,799	30,001	31,671	18,448	15,650	14,640	9,798	16,469
Tree Squirrels	34,600	29,214	23,436	30,037	20,759	18,768	10,820	13,345	11,840	12,403	13,335
Ducks	75,300	73,710	87,360	86,306	62,699	63,306	55,336	72,724	82,147	45,918	98,253
Geese	32,300	35,833	33,474	52,276	36,953	39,700	29,533	42,932	43,957	23,470	45,209
Coots/Moorhens	2,400	2,052	1,806	3,246	2,895	1,468	1,843	2,262	3,080	1,663	1,863
Common Snipe	2,700	2,727	2,436	2,090	1,819	2,323	1,746	2,570	1,600	1,364	1,271
***Wild Turkeys (Spring)	17,900	25,839	21,210	18,769	15,285	18,404	13,286	12,230	15,680	11,270	17,267
Wild Turkeys (Fall)				10,372	11,933	12,583	10,167	9,730	11,400	7,637	9,196

*1989-1991 hunter surveys did not seperate wild pheasant hunters from LGBC hunters. Therefore hunter numbers for these years are a combination of wild pheasant and LGBC hunters.
1992-1999 hunter numbers are exclusively wild pheasant hunters.
**1991-1999 sage grouse hunter data are based on hunter permits.
***1989-1991 hunter surveys did not separate spring from fall wild turkey hunters. Therefore, hunters reported for these years are a combination of spring and fall hunters.

TABLE 5: TOP TEN COUNTIES FOR HARVEST OF SELECTED SPECIES - 1999

PHEASANT (Excluding LGBCs)	% OF STATE TOTAL	DEER	% OF STATE TOTAL
1-Colusa	16.9	1-Siskiyou	8.2
2-Butte	11.3	2-Mendocino	6.6
3-Sutter	8.0	3-Trinity	6.5
4-Yolo	7.5	4-Tehama	4.5
5-Glenn	6.9	5-Humboldt	4.2
6-Solano	6.4	6-Colusa	4.0
7-San Joaquin	4.7	7-Sonoma	3.5
8-Sacramento	4.4	8-Monterey	3.4
9-Imperial	3.5	9-Kern	3.0
10-Merced	3.3	10-San Luis Obispo	2.9
CALIFORNIA QUAIL		**MOUNTAIN QUAIL**	
1-Kern	22.0	1-Siskiyou	12.2
2-San Luis Obispo	6.7	2-Kern & Fresno	6.8
3-Riverside	5.2	3-Trinity	5.7
4-Fresno	5.0	4-Shasta	5.2
5-Monterey	4.6	5-El Dorado	4.9
6-San Bernardino	4.4	6-Tuolumne	4.7
7-Santa Barbara	3.9	7-Plumas	4.5
8-Los Angeles	3.7	8-Santa Barbara	3.6
9-Inyo	3.5	9-San Bernadino	3.5
10-Ventura	3.1	10-Humboldt	3.4
MOURNING DOVE (First Half of Season)		**COTTONTAIL RABBITS**	
1-Imperial	15.2	1-Kern	22.5
2-Kern	11.1	2-San Bernardino	12.4
3-Riverside	7.8	3-Riverside	9.9
4-Fresno	7.6	4-Imperial	5.9
5-Tulare	5.1	5-Monterey	5.4
6-Merced	4.9	6-Merced	4.5
7-San Bernardino	4.6	7-San Joaquin	3.9
8-San Joaquin	3.7	8-San Diego	3.6
9-Yolo	2.9	9-Santa Barbara	2.7
10-Madera	2.4	10-Ventura	2.6
WILD PIG		**DUCKS**	
1-Monterey	18.9	1-Merced	13.6
2-San Benito	16.3	2-Colusa	12.7
3-Santa Clara	8.5	3-Butte	11.3
4-San Luis Obispo	7.5	4-Sutter	7.3
5-Tehama	4.0	5-Solano	6.9
6-Merced	3.9	6-Imperial	5.0
7-Santa Barbara	3.8	7-Glenn	5.0
8-Mendocino	3.5	8-Yuba	4.0
9-Sonoma	3.4	9-Siskiyou	3.6
10-Fresno	3.0	10-San Joaquin	3.5
WILD TURKEYS-SPRING		**GEESE (Dark & White Combined)**	
1-El Dorado	9.1	1-Colusa	19.5
2-Shasta	6.4	2-Butte	12.9
3-Amador & Yuba	6.1	3-Glenn	12.3
4-Butte & Placer	5.8	4-Imperial	11.9
5-Mendocino	5.5	5-Sutter	6.4
6-Nevada	4.9	6-Modoc	5.8
7-Sonoma	4.3	7-Siskiyou	4.3
8-Tehama	4.0	8-Merced	4.0
9-San Luis Obispo	3.7	9-Sacramento	3.1
10-Calaveras	3.4	10-Lassen	2.6

TABLE 6: DISTRIBUTION OF HUNTER EFFORT BY GAME SPECIES - 1999

	Number of Hunters			Percent of Hunters Per Species		Percent of All Hunters
Species	Successful	Unsuccessful	Total	Successful	Unsuccessful	Per Species
0.03382084692683						
Deer	33,264	114,840	148,104	22	78	48
Bear	2,336	13,542	15,878	15	85	5
Wild Pig	13,098	19,160	32,258	41	59	11
Ducks	91,393	8,072	99,465	92	8	33
Geese: Dark	17,800	6,239	24,038	74	26	8
Geese: White	18,036	3,726	21,762	83	17	7
Common Snipe	1,035	237	1,271	81	19	0.4
Coot/Moorhen	1,804	89	1,892	95	5	0.6
Pheasant: excluding LGBC'S	40,655	15,966	56,622	72	28	19
Pheasant: LGBC'S	35,984	1,892	37,876	95	5	12
Chukar	7,067	3,489	10,556	67	33	3
California Quail	44,144	10,822	54,966	80	20	18
Mountain Quail	17,386	8,161	25,546	68	32	8
Gambel's Quail	5,854	1,774	7,628	77	23	2
Mourning Dove (first half of season)	80,128	6,002	86,130	93	7	28
Mourning Dove (second half of season)	24,541	3,075	27,616	89	11	9
Cottontail Rabbit	12,566	2,011	14,577	86	14	5
Jack Rabbit	9,166	1,715	10,881	84	16	4
White-winged Dove	7,214	769	7,983	90	10	3
Band-tailed Pigeon (northern zone)	2,750	1,035	3,785	73	27	1.2
Band-tailed Pigeon (southern zone)	2,011	976	2,986	67	33	1.0
Blue Grouse	1,804	1,538	3,341	54	46	1.1
Ruffed Grouse	1,360	976	2,336	58	42	0.8
*Sage Grouse	193	111	304	63	37	0.1
White-tailed Ptarmigan	30	30	59	50	50	0.0
Wild Turkey - Spring	7,658	9,876	17,534	44	56	5.7
Wild Turkey - Fall	3,814	5,381	9,196	41	59	3.0
Turkey: LGBC'S	148	207	355	42	58	0.1
American Crow	2,868	503	3,371	85	15	1.1
Tree Squirrel	11,620	1,863	13,483	86	14	4.4
Gray Fox	503	473	976	52	48	0.3
Raccoon	1,035	207	1,242	83	17	0.4
Badger	30	59	89	33	67	0.0
Coyote	8,545	3,075	11,620	74	26	3.8
Bobcat	857	1,271	2,129	40	60	0.7
Marmot	237	148	384	62	38	0.1
		TOTAL	758,239			248

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 hunters (305,960).

*Sage Grouse data is generated from permit returns.

TABLE 7: PERCENT HUNTER SUCCESS 1961-1999

Year	% DID NOT HUNT	% UNSUCCESSFUL	% SUCCESSFUL
1961	8	28	64
1962	8	28	64
1963	9	25	66
1964	7	23	70
1965	10	24	67
1966	11	23	66
1967	10	22	68
1968	10	22	68
1969	10	21	69
1970	11	22	67
1971	13	23	64
1972	12	23	65
1973	10	25	65
1974	10	22	68
1975	12	23	65
1976	11	25	64
1977	11	25	64
1978	14	24	62
1979	14	22	63
1980	11	26	64
1981	13	29	58
1982	12	32	56
1983	12	31	57
1984	14	27	59
1985	13	28	59
1986	13	30	57
1987	17	26	57
1988	10	29	61
1989	11	27	62
1990	11	31	58
1991	12	25	63
1992	9	26	65
1993	9	30	61
1994	9	30	61
*1995	36	19	46
1996	10	24	66
1997	14	22	64
1998	8	45	47
1999	15	33	67

*Note: The inflated value in the "did not hunt" category may be due to using 1993, 1994, and 1995 license sales data. The three successive years of data were used because an inadequate number of 1995 sales data available on data base at the time of the survey.

TABLE 8: STATEWIDE BAG, HUNTER NUMBERS, AND DAYS HUNTED BY COUNTY AND SPECIES - 1999

	Deer			Bear			Wild Pig			Bobcat		
	BAG	HUNTERS	DAYS	BAG	HUNTERS	DAYS	BAG	HUNTERS	DAYS	BAG	HUNTERS	DAYS
0.03382084692683												
ALAMEDA	650	1,094	10,496	0	0	0	591	621	6,830	0	0	0
ALPINE	177	1,390	9,698	59	177	2,099	0	0	0	0	0	0
AMADOR	207	1,538	13,690	0	59	118	0	0	0	0	0	0
BUTTE	237	1,804	12,300	177	444	5,470	177	266	2,129	59	30	296
CALAVERAS	473	2,779	25,310	30	237	3,755	89	148	1,449	0	0	0
COLUSA	1,567	1,064	8,575	0	59	414	591	887	4,051	30	30	30
CONTRA COSTA	89	177	1,242	0	0	0	59	118	473	0	0	0
DEL NORTE	30	769	4,879	59	266	2,750	0	0	0	0	0	0
EL DORADO	769	6,180	23,920	30	532	6,889	0	0	0	30	30	30
FRESNO	1,124	4,849	20,195	0	710	6,446	887	1,567	16,085	59	89	355
GLENN	473	1,892	14,961	30	237	2,602	503	473	1,538	0	30	444
HUMBOLDT	1,656	5,440	22,353	148	562	4,021	59	148	946	0	0	0
IMPERIAL	0	562	4,849	0	0	0	0	0	0	0	30	296
INYO	384	1,863	2,927	30	89	1,124	0	30	30	0	0	0
KERN	1,183	5,115	5,854	177	887	9,816	828	976	5,559	207	237	1,094
KINGS	0	177	1,183	0	0	0	237	473	1,508	89	89	118
LAKE	650	2,661	1,005	0	89	828	798	828	5,263	0	30	887
LASSEN	680	3,578	1,833	59	384	3,696	30	59	177	59	118	1,094
LOS ANGELES	828	3,045	532	30	414	6,623	266	207	680	0	59	680
MADERA	444	1,981	769	30	444	3,666	30	266	1,656	30	30	89
MARIN	710	710	2,129	0	0	0	0	30	30	0	30	296
MARIPOSA	325	1,892	2,070	30	355	5,440	296	532	6,919	30	118	1,804
MENDOCINO	2,572	8,279	62,269	59	503	2,218	1,035	1,419	7,954	0	30	59
MERCED	118	355	3,489	0	30	118	1,153	946	4,583	0	0	0
MODOC	621	2,277	14,459	0	30	118	0	30	118	30	89	444
MONO	650	1,597	8,989	0	89	444	0	0	0	0	0	0
MONTEREY	1,331	3,134	23,950	30	30	148	5,559	4,672	30,928	207	89	562
NAPA	621	1,331	11,058	0	0	0	118	384	3,252	0	0	0
NEVADA	444	2,336	20,165	30	325	3,519	355	207	946	59	59	177
ORANGE	177	296	1,538	0	0	0	0	0	0	0	30	148
PLACER	532	1,892	14,192	30	355	4,435	0	148	710	0	30	887
PLUMAS	710	3,607	29,479	89	680	8,811	0	0	0	0	0	0
RIVERSIDE	207	1,153	9,964	0	118	473	0	59	237	0	30	30
SACRAMENTO	30	177	1,478	0	0	0	0	0	0	0	30	30
SAN BENITO	710	1,124	8,811	30	59	237	4,790	2,602	19,101	0	30	59
SAN BERNARDINO	532	3,637	26,552	0	296	2,218	59	118	680	30	177	798
SAN DIEGO	503	3,134	24,896	0	0	0	0	30	30	0	59	266
SAN FRANCISCO	0	0	0	0	0	0	0	0	0	0	0	0
SAN JOAQUIN	59	118	473	0	0	0	207	266	976	0	0	0
SAN LUIS OBISPO	1,153	2,632	26,640	0	59	296	2,218	3,252	22,737	0	0	0
SAN MATEO	177	444	4,997	0	0	0	59	148	562	0	30	444
SANTA BARBARA	1,094	2,691	25,103	59	296	2,247	1,124	1,094	9,107	0	0	0
SANTA CLARA	828	1,656	13,778	30	30	414	2,513	1,833	23,861	59	30	887
SANTA CRUZ	30	266	2,720	0	0	0	384	355	6,948	0	0	0
SHASTA	917	6,357	51,477	177	1,005	11,738	89	266	650	30	148	857
SIERRA	237	1,508	14,666	89	237	2,957	0	30	177	0	30	118
SISKIYOU	3,223	9,816	89,235	266	1,331	13,867	30	148	2,129	30	89	621
SOLANO	177	414	2,425	0	0	0	89	237	2,720	0	0	0
SONOMA	1,390	3,134	25,753	0	30	237	1,005	1,774	10,496	0	0	0
STANISLAUS	444	1,833	13,128	0	89	710	828	857	5,500	59	30	591
SUTTER	89	237	976	0	30	118	355	266	1,774	0	0	0
TEHAMA	1,774	7,185	52,039	59	857	9,284	1,183	1,774	9,550	0	30	59
TRINITY	2,543	9,491	82,020	325	1,804	18,450	0	118	591	0	0	0
TULARE	325	3,400	29,272	89	680	7,451	237	473	1,833	0	59	177
TUOLUMNE	1,035	5,381	39,473	30	355	3,164	30	59	89	30	30	177
VENTURA	325	1,567	10,763	0	207	2,838	0	59	325	0	0	0
YOLO	532	1,035	9,550	0	30	207	59	118	650	0	0	0
YUBA	207	1,183	10,083	0	59	177	0	30	30	0	30	887
UNKNOWN	296	2,070	12,359	0	148	828	532	591	4,672	0	30	591
TOTAL	39,266	147,306	968,988	2,277	15,700	163,479	29,449	31,992	229,237	1,124	2,129	16,380

EXTRAPOLATED

TABLE 8: STATEWIDE BAG, HUNTER NUMBERS, AND DAYS HUNTED BY COUNTY AND SPECIES - 1999

	Coyote			Geese Dark			Geese White			Ducks		
	BAG	HUNTERS	DAYS	BAG	HUNTERS	DAYS	BAG	HUNTERS	DAYS	BAG	HUNTERS	DAYS
0.03382084692683												
ALAMEDA	118	30	414	30	59	355	0	0	0	6,120	325	4,494
ALPINE	0	0	0	0	30	414	89	30	177	444	148	946
AMADOR	0	0	0	89	30	296	591	30	296	1,715	118	650
BUTTE	384	148	12,211	10,999	2,513	37,699	10,142	2,484	40,537	238,758	9,816	113,303
CALAVERAS	828	148	2,218	0	30	1,035	30	30	30	11,147	266	2,365
COLUSA	296	148	680	8,663	2,868	29,715	23,270	4,908	51,329	268,473	12,034	125,337
CONTRA COSTA	59	30	177	89	118	118	118	59	473	18,953	1,005	10,053
DEL NORTE	0	0	0	30	30	414	0	0	0	7,658	414	4,731
EL DORADO	2,277	177	6,653	30	59	89	0	0	0	0	0	0
FRESNO	2,632	503	7,067	562	444	4,494	207	148	4,997	47,604	3,105	23,122
GLENN	59	59	325	4,051	1,390	22,915	16,055	2,099	33,204	108,217	3,578	48,727
HUMBOLDT	710	89	1,390	946	355	1,094	0	30	118	26,079	1,331	18,894
IMPERIAL	2,750	296	3,459	2,779	857	7,747	16,735	3,459	24,571	106,443	5,559	53,310
INYO	325	89	473	325	207	1,508	30	89	414	5,618	710	5,233
KERN	2,750	1,005	7,983	325	59	325	30	30	296	58,307	2,986	24,245
KINGS	532	59	887	0	30	148	0	30	148	3,075	296	1,715
LAKE	59	89	1,035	0	0	0	30	30	30	7,895	503	4,051
LASSEN	1,508	473	6,209	3,489	1,005	10,142	739	237	5,470	25,132	1,656	19,810
LOS ANGELES	30	237	3,164	0	30	621	30	30	621	3,548	325	2,602
MADERA	148	148	532	207	118	1,597	0	30	59	4,583	414	2,957
MARIN	30	30	591	30	59	1,035	0	0	0	6,416	355	3,844
MARIPOSA	118	30	591	0	0	0	0	0	0	503	89	207
MENDOCINO	532	237	3,726	0	0	0	0	0	0	325	89	237
MERCED	562	266	11,827	1,538	1,035	9,314	5,056	1,567	19,278	286,953	9,669	109,755
MODOC	828	384	5,677	7,954	2,158	11,029	1,478	562	2,277	30,100	2,513	13,838
MONO	355	89	325	414	177	1,744	89	89	118	2,306	325	2,986
MONTEREY	3,282	562	23,299	30	59	148	59	59	355	5,884	503	4,080
NAPA	89	59	237	59	59	237	0	0	0	5,322	473	2,927
NEVADA	59	59	207	0	30	30	0	30	30	207	148	237
ORANGE	59	30	89	30	30	591	0	0	0	1,331	30	591
PLACER	207	59	10,970	976	237	2,425	976	148	739	7,392	621	5,707
PLUMAS	325	89	1,360	887	414	2,425	118	118	917	5,352	503	4,110
RIVERSIDE	444	444	2,277	1,360	591	5,914	650	355	2,099	36,339	2,661	18,923
SACRAMENTO	30	118	237	3,193	739	6,889	1,951	444	4,169	47,042	2,306	23,802
SAN BENITO	976	148	4,731	0	0	0	30	30	59	2,661	237	1,331
SAN BERNARDINO	1,212	591	3,844	621	148	1,567	0	30	30	10,851	798	5,322
SAN DIEGO	1,035	355	4,583	59	30	30	0	0	0	18,007	887	8,190
SAN FRANCISCO	0	0	0	0	0	0	59	30	30	296	30	887
SAN JOAQUIN	414	207	1,271	1,685	650	5,884	1,271	473	7,244	73,239	3,075	33,145
SAN LUIS OBISPO	917	414	12,300	296	30	148	0	0	0	2,543	266	2,632
SAN MATEO	177	118	828	177	30	355	0	0	0	5,204	177	2,425
SANTA BARBARA	1,567	296	4,701	0	0	0	0	0	0	1,833	177	2,543
SANTA CLARA	177	118	1,685	237	89	237	0	0	0	12,448	621	9,787
SANTA CRUZ	0	0	0	0	0	0	0	0	0	887	30	177
SHASTA	591	296	1,360	1,567	769	4,672	296	266	1,804	26,049	1,538	17,534
SIERRA	0	30	59	59	59	89	0	0	0	296	118	177
SISKIYOU	6,741	473	9,698	5,322	1,774	15,553	1,744	532	5,293	76,166	3,637	37,492
SOLANO	148	30	1,035	621	562	5,263	591	148	1,744	146,034	5,618	68,981
SONOMA	532	148	1,360	444	89	532	30	30	30	10,319	650	8,279
STANISLAUS	1,360	207	1,360	591	237	3,045	828	207	2,927	14,666	1,094	10,083
SUTTER	621	118	4,169	3,105	1,212	14,311	7,392	1,685	23,506	153,397	5,677	68,242
TEHAMA	1,242	384	5,352	237	207	650	118	89	237	2,868	444	3,075
TRINITY	562	177	1,183	89	59	207	177	30	148	621	89	532
TULARE	2,454	414	14,192	118	89	207	0	0	0	8,604	503	4,524
TUOLUMNE	89	89	355	0	30	296	0	30	296	1,597	118	1,419
VENTURA	414	148	2,661	355	59	739	0	0	0	6,002	739	3,696
YOLO	532	266	1,685	857	355	3,312	1,005	266	3,696	49,200	2,395	24,482
YUBA	266	118	828	3,134	828	10,408	621	296	4,849	84,297	3,223	36,191
UNKNOWN	325	177	9,994	1,478	532	3,755	1,005	296	1,685	21,525	1,242	8,456
TOTAL	44,736	11,502	205,524	70,134	23,654	233,761	93,640	21,555	246,327	2,114,849	98,253	1,017,390

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TABLE 8: STATEWIDE BAG, HUNTER NUMBERS, AND DAYS HUNTED BY COUNTY AND SPECIES - 1999

	Pheasant, excluding licensed game bird clubs			Pheasant, licensed game bird clubs			Wild Turkey (Spring 1999 season)			Wild Turkey (Fall season 1999)		
	BAG	HUNTERS	DAYS	BAG	HUNTERS	DAYS	BAG	HUNTERS	DAYS	BAG	HUNTERS	DAYS
0.03382084692683												
ALAMEDA	237	30	118	266	30	976	59	118	355	89	59	118
ALPINE	177	89	207	0	0	0	0	30	59	0	30	857
AMADOR	325	177	503	9,107	769	5,381	591	680	2,691	325	444	857
BUTTE	18,835	5,263	22,619	24,807	2,336	18,657	562	857	4,613	177	384	1,153
CALAVERAS	118	89	1,183	4,790	384	1,922	325	444	2,306	118	266	976
COLUSA	28,089	6,978	25,872	7,274	1,064	4,613	118	266	473	0	118	207
CONTRA COSTA	3,075	828	4,731	6,387	591	3,666	0	0	0	0	0	0
DEL NORTE	325	59	473	0	0	0	0	0	0	0	0	0
EL DORADO	118	118	266	355	59	976	887	1,212	5,322	562	1,005	2,484
FRESNO	1,951	1,478	5,145	1,951	296	828	207	325	1,478	30	177	621
GLENN	11,531	3,045	12,182	8,190	1,035	5,766	59	207	976	30	30	89
HUMBOLDT	148	89	177	296	237	266	296	296	1,005	0	0	0
IMPERIAL	5,766	4,021	14,725	621	177	650	0	0	0	0	0	0
INYO	946	148	591	1,833	325	473	0	0	0	0	0	0
KERN	3,371	1,656	4,524	7,835	1,331	4,435	207	266	769	89	207	473
KINGS	1,271	532	2,129	355	177	325	0	30	59	0	0	0
LAKE	118	89	177	0	0	0	384	591	2,927	177	562	1,833
LASSEN	1,242	473	1,892	3,430	562	1,656	0	0	0	30	30	30
LOS ANGELES	562	207	414	7,451	976	3,164	59	30	59	0	30	59
MADERA	710	355	2,070	414	118	266	118	207	591	118	207	444
MARIN	118	89	266	2,868	296	3,371	0	0	0	0	0	0
MARIPOSA	0	0	0	0	30	30	0	30	89	0	89	384
MENDOCINO	0	0	0	0	0	0	532	828	2,543	177	414	946
MERCED	5,559	3,016	9,580	5,677	946	2,691	0	0	0	0	0	0
MODOC	1,035	384	2,099	769	148	266	0	0	0	0	0	0
MONO	0	0	1,981	0	0	0	0	0	0	0	0	0
MONTEREY	0	0	0	4,908	444	1,981	207	650	1,951	118	237	562
NAPA	89	177	266	2,395	266	1,656	207	355	946	89	237	562
NEVADA	148	30	177	0	0	0	473	680	2,750	325	384	946
ORANGE	0	0	0	1,064	30	355	0	0	0	0	0	0
PLACER	4,494	1,094	5,707	21,052	1,863	13,660	562	887	2,986	207	414	887
PLUMAS	0	0	0	325	89	207	0	0	0	0	30	59
RIVERSIDE	1,331	562	1,183	15,789	1,774	6,830	0	30	89	0	0	0
SACRAMENTO	7,392	2,720	12,448	17,415	1,419	8,900	0	177	384	0	0	0
SAN BENITO	177	177	680	355	59	118	148	177	591	30	30	30
SAN BERNARDINO	177	89	118	5,174	414	1,094	30	355	1,064	0	207	444
SAN DIEGO	650	325	473	5,766	887	2,040	207	473	1,685	30	118	148
SAN FRANCISCO	0	0	0	0	0	0	0	0	0	0	0	0
SAN JOAQUIN	7,835	2,425	10,201	26,552	2,661	15,789	118	118	532	0	0	0
SAN LUIS OBISPO	177	59	89	2,750	473	1,744	355	828	1,981	148	355	1,094
SAN MATEO	0	0	0	0	0	0	0	0	0	0	0	0
SANTA BARBARA	237	177	296	237	89	118	0	118	325	0	30	148
SANTA CLARA	237	118	325	59	59	59	59	296	680	59	118	650
SANTA CRUZ	0	0	0	0	0	0	0	0	0	0	0	0
SHASTA	355	207	355	2,543	148	1,094	621	1,301	6,889	384	562	2,809
SIERRA	0	0	0	0	0	0	0	0	0	0	0	0
SISKIYOU	2,365	1,094	4,938	3,578	710	2,425	148	355	2,720	59	266	739
SOLANO	10,615	2,395	9,550	77,408	6,357	41,454	177	118	562	0	30	59
SONOMA	1,183	237	1,124	15,612	1,005	10,408	414	621	2,986	118	237	591
STANISLAUS	4,258	1,804	6,948	7,510	1,124	4,080	89	118	296	0	89	325
SUTTER	13,276	3,873	19,248	18,361	1,922	15,405	89	59	296	59	148	207
TEHAMA	2,277	917	3,903	355	89	503	384	1,242	5,766	325	384	1,567
TRINITY	0	0	0	1,183	30	296	30	177	503	30	30	59
TULARE	3,075	1,360	4,938	1,449	384	1,153	0	414	1,922	0	177	355
TUOLUMNE	0	59	148	650	30	296	0	118	355	0	59	89
VENTURA	59	30	444	1,005	89	384	0	0	0	0	0	0
YOLO	12,478	4,435	18,775	14,488	1,804	9,609	237	207	1,271	118	177	266
YUBA	4,583	1,656	6,860	5,647	621	3,696	591	680	3,932	296	591	2,277
UNKNOWN	3,341	857	4,051	10,023	1,035	3,962	148	296	2,927	59	237	857
TOTAL	166,436	56,090	227,168	358,329	37,758	209,693	9,698	17,267	72,707	4,376	9,196	27,261

EXTRAPOLATED

TABLE 8: STATEWIDE BAG, HUNTER NUMBERS, AND DAYS HUNTED BY COUNTY AND SPECIES - 1999

	Mountain Quail			Gambel's Quail (Desert Quail)			California Quail (Valley Quail)			Chukar (Including LGBC's)		
	BAG	HUNTERS	DAYS	BAG	HUNTERS	DAYS	BAG	HUNTERS	DAYS	BAG	HUNTERS	DAYS
0.03382084692683												
ALAMEDA	0	0	0	0	0	0	3,666	355	2,365	0	0	0
ALPINE	1,183	177	946	0	0	0	1,804	59	473	0	0	0
AMADOR	118	59	296	0	0	0	1,064	296	1,153	828	148	325
BUTTE	1,567	296	2,602	0	0	0	3,312	532	2,306	1,005	89	650
CALAVERAS	1,153	384	1,626	0	0	0	3,193	414	2,395	680	89	118
COLUSA	0	59	89	0	0	0	4,465	562	2,247	0	0	0
CONTRA COSTA	118	207	296	0	0	0	1,390	148	1,390	0	0	0
DEL NORTE	325	177	976	0	0	0	0	89	384	0	0	0
EL DORADO	6,032	1,301	6,860	0	0	0	2,513	473	2,779	355	30	89
FRESNO	8,368	1,419	7,037	0	0	0	27,172	2,809	13,395	650	266	798
GLENN	946	296	2,011	0	0	0	1,567	444	946	355	59	59
HUMBOLDT	4,139	828	8,102	0	0	0	9,196	1,005	11,561	0	0	0
IMPERIAL	1,183	177	976	16,765	1,892	7,008	6,446	1,242	5,145	355	59	148
INYO	3,282	503	4,228	2,188	325	2,247	18,953	1,449	10,290	5,322	1,035	6,357
KERN	8,368	2,158	12,093	9,669	798	4,731	119,246	7,569	53,961	9,373	2,838	18,894
KINGS	0	0	0	0	0	0	1,005	118	503	30	30	30
LAKE	1,153	355	1,331	0	0	0	5,707	621	3,932	0	0	0
LASSEN	2,898	503	2,691	0	0	0	7,658	946	5,204	6,594	1,005	3,607
LOS ANGELES	1,124	414	1,005	0	0	0	19,988	2,750	13,365	710	207	680
MADERA	1,271	384	976	0	0	0	9,905	857	3,430	0	0	0
MARIN	0	30	30	0	0	0	89	59	296	0	0	0
MARIPOSA	2,099	444	2,838	0	0	0	5,233	473	2,484	0	0	0
MENDOCINO	1,892	710	4,228	0	0	0	7,924	1,094	5,411	0	0	0
MERCED	0	30	59	0	0	0	5,588	532	4,199	1,331	237	680
MODOC	917	177	739	0	0	0	9,432	621	5,588	325	148	237
MONO	532	237	591	0	0	0	769	177	946	59	89	148
MONTEREY	1,951	384	1,538	0	0	0	24,630	2,425	11,206	2,632	118	1,064
NAPA	296	30	148	0	0	0	1,685	148	769	0	0	0
NEVADA	1,833	503	1,804	0	0	0	3,459	325	1,212	30	30	30
ORANGE	89	30	89	0	0	0	1,567	118	857	0	0	0
PLACER	710	266	1,508	0	0	0	887	237	917	1,538	207	917
PLUMAS	5,529	710	4,287	0	0	0	177	59	177	30	59	59
RIVERSIDE	1,301	473	946	9,107	1,035	6,505	27,882	2,927	15,464	1,685	266	710
SACRAMENTO	473	59	89	0	0	0	1,064	296	1,094	118	89	89
SAN BENITO	355	89	296	0	0	0	7,155	917	2,927	1,124	237	1,301
SAN BERNARDINO	4,346	1,301	6,534	17,829	2,454	12,034	23,565	2,809	14,872	4,820	1,774	6,860
SAN DIEGO	1,685	414	1,538	1,892	266	1,804	15,464	1,597	8,722	976	118	296
SAN FRANCISCO	0	0	0	0	0	0	0	976	0	0	0	0
SAN JOAQUIN	59	30	30	0	0	0	3,105	650	2,277	621	89	118
SAN LUIS OBISPO	118	89	384	0	0	0	36,072	2,868	15,582	1,124	237	1,183
SAN MATEO	0	0	0	0	0	0	650	148	473	0	0	0
SANTA BARBARA	4,435	680	3,666	0	0	0	21,141	1,804	9,343	177	30	59
SANTA CLARA	148	89	148	0	0	0	3,489	444	1,124	0	0	0
SANTA CRUZ	0	0	0	0	0	0	917	177	444	1,981	976	976
SHASTA	6,327	1,183	7,008	0	0	0	13,365	1,744	11,650	0	0	0
SIERRA	2,336	384	3,282	0	0	0	444	89	266	148	30	59
SISKIYOU	14,932	1,804	18,628	0	0	0	5,559	739	8,515	591	59	207
SOLANO	0	0	0	0	0	0	591	89	562	1,360	177	473
SONOMA	237	89	148	0	0	0	650	148	355	355	30	30
STANISLAUS	1,478	384	3,016	0	0	0	2,838	562	2,277	857	118	237
SUTTER	177	59	118	0	0	0	2,543	325	1,478	325	118	207
TEHAMA	3,726	562	3,016	0	0	0	13,808	1,774	7,924	207	30	30
TRINITY	7,008	1,478	13,572	0	0	0	1,331	266	2,661	0	0	0
TULARE	3,134	857	3,459	0	0	0	10,763	1,301	4,583	177	59	148
TUOLUMNE	5,707	1,035	5,973	0	0	0	6,239	798	3,519	2,957	976	1,981
VENTURA	1,597	325	3,223	0	0	0	17,001	1,538	8,013	0	976	4,938
YOLO	769	89	650	0	0	0	4,139	414	2,838	710	148	710
YUBA	355	118	414	0	0	0	3,459	355	2,129	0	0	0
UNKNOWN	2,661	444	2,927	1,005	1,094	1,745	8,427	769	4,583	384	177	266
TOTAL	122,439	25,280	151,061	58,455	7,865	36,073	541,352	55,528	304,960	52,896	13,453	55,764

EXTRAPOLATED

TABLE 8: STATEWIDE BAG, HUNTER NUMBERS, AND DAYS HUNTED BY COUNTY AND SPECIES - 1999

	Cottontail Rabbit			Jack Rabbit			Tree Squirrel			Turkey Harvest on LGBC's		
	BAG	HUNTERS	DAYS	BAG	HUNTERS	DAYS	BAG	HUNTERS	DAYS	BAG	HUNTERS	DAYS
0.03382084692683												
ALAMEDA	118	30	89	148	59	148	355	89	414	0	0	0
ALPINE	30	30	30	0	0	0	118	89	1,064	0	0	0
AMADOR	0	0	0	0	0	0	769	148	710	0	30	207
BUTTE	59	30	591	503	237	1,301	1,419	473	2,898	0	0	0
CALAVERAS	30	30	148	237	59	473	1,064	148	1,390	0	0	0
COLUSA	946	237	1,153	798	266	887	473	148	710	0	0	0
CONTRA COSTA	0	30	59	591	59	355	0	0	0	0	0	0
DEL NORTE	0	976	976	0	0	0	0	0	0	0	0	0
EL DORADO	30	59	148	207	89	1,212	4,465	887	6,209	30	59	680
FRESNO	1,744	532	1,774	3,607	384	4,879	4,524	946	6,209	0	0	0
GLENN	118	30	237	917	177	1,124	1,124	266	1,597	0	0	0
HUMBOLDT	0	0	0	59	30	89	591	177	1,271	0	0	0
IMPERIAL	4,672	798	5,293	1,419	355	1,478	0	0	0	0	0	0
INYO	946	355	1,538	1,744	444	9,196	503	89	266	0	0	0
KERN	17,711	2,070	13,956	13,719	1,449	10,290	7,274	1,212	6,268	0	0	0
KINGS	798	177	621	798	177	710	0	0	0	0	0	0
LAKE	30	30	266	1,005	177	1,538	296	30	296	0	0	0
LASSEN	1,951	562	1,685	4,021	414	1,301	710	148	710	0	0	0
LOS ANGELES	1,183	355	1,064	1,538	266	1,212	59	30	30	0	0	0
MADERA	976	177	473	177	59	325	710	207	1,064	0	0	0
MARIN	0	0	0	0	0	0	0	0	0	0	0	0
MARIPOSA	207	59	177	384	30	1,035	2,513	473	3,459	0	0	0
MENDOCINO	30	30	30	384	118	591	887	384	1,242	0	0	0
MERCED	3,578	650	2,838	1,567	414	1,597	384	89	1,331	0	0	0
MODOC	473	89	237	917	148	444	30	30	118	0	0	0
MONO	296	118	503	177	59	118	59	30	59	0	0	0
MONTEREY	4,287	680	3,164	976	177	11,531	3,371	355	1,951	0	0	0
NAPA	0	30	30	118	59	89	1,005	59	444	0	0	0
NEVADA	0	976	3,932	0	0	0	296	148	650	0	0	0
ORANGE	562	118	1,360	30	30	30	0	0	0	0	0	0
PLACER	325	59	325	30	30	30	710	148	1,597	0	0	0
PLUMAS	148	118	414	148	30	177	739	177	1,360	0	0	0
RIVERSIDE	7,776	1,094	11,117	2,040	562	3,459	0	0	0	0	0	0
SACRAMENTO	325	118	1,449	1,922	89	1,804	0	0	0	0	59	89
SAN BENITO	621	177	1,242	177	89	473	828	89	355	0	0	0
SAN BERNARDINO	9,787	1,656	13,394	8,515	1,153	13,572	296	30	177	0	0	0
SAN DIEGO	2,868	591	6,357	1,242	237	2,040	0	0	0	0	30	30
SAN FRANCISCO	0	0	0	0	0	0	0	0	0	30	30	30
SAN JOAQUIN	3,045	355	2,218	2,247	296	4,258	976	89	473	0	0	0
SAN LUIS OBISPO	1,419	473	2,306	355	177	384	30	59	148	0	0	0
SAN MATEO	30	59	532	207	30	266	0	0	0	0	0	0
SANTA BARBARA	2,099	355	1,064	1,715	89	384	0	0	0	0	0	0
SANTA CLARA	414	89	710	177	30	296	89	30	30	0	0	0
SANTA CRUZ	0	0	0	0	0	0	0	0	0	0	0	0
SHASTA	207	30	414	1,449	237	12,152	2,898	798	6,061	0	0	0
SIERRA	0	0	0	0	0	0	1,301	325	2,986	0	0	0
SISKIYOU	325	118	828	5,707	355	5,381	2,572	591	3,371	0	0	0
SOLANO	148	89	207	237	59	266	3,252	30	887	0	0	0
SONOMA	148	89	207	59	59	177	621	177	1,064	0	0	0
STANISLAUS	1,183	266	1,094	355	148	3,252	2,809	414	6,150	0	0	0
SUTTER	384	207	621	7,628	177	2,099	739	177	1,005	0	0	0
TEHAMA	30	30	30	444	118	1,360	5,204	887	5,470	0	0	0
TRINITY	89	30	207	0	59	1,242	2,218	532	4,553	0	0	0
TULARE	1,035	296	1,567	1,183	266	1,094	2,484	828	4,258	0	30	148
TUOLUMNE	0	0	0	89	30	148	3,193	621	4,820	0	0	0
VENTURA	2,070	355	2,425	857	148	1,124	0	0	0	0	0	0
YOLO	1,153	237	798	1,183	266	1,951	118	30	237	30	30	30
YUBA	266	89	473	177	118	503	1,124	266	5,795	30	59	59
UNKNOWN	2,011	237	2,957	769	237	769	1,035	384	1,626	30	30	89
TOTAL	78,679	16,469	95,326	74,954	10,822	110,612	66,231	13,335	92,783	148	355	1,360

EXTRAPOLATED

TABLE 8: STATEWIDE BAG, HUNTER NUMBERS, AND DAYS HUNTED BY COUNTY AND SPECIES - 1999

	Mourning Dove, first half of season			Mourning Dove, second half of season			White Winged Dove			Band-tailed Pigeon (northern zone)		
	BAG	HUNTERS	DAYS	BAG	HUNTERS	DAYS	BAG	HUNTERS	DAYS	BAG	HUNTERS	DAYS
0.03382084692683												
ALAMEDA	1,360	118	296	4,228	89	562	0	0	0	0	0	0
ALPINE	30	30	30	0	0	0	0	0	0	0	0	0
AMADOR	1,567	296	798	0	0	0	0	0	0	0	0	0
BUTTE	24,364	2,454	7,569	3,726	414	1,685	0	0	0	532	266	710
CALAVERAS	3,193	237	1,094	887	89	355	0	0	0	0	0	0
COLUSA	20,845	1,804	4,790	4,997	591	1,774	0	0	0	0	0	0
CONTRA COSTA	8,900	414	2,395	2,513	148	503	0	0	0	0	0	0
DEL NORTE	887	59	444	0	0	0	0	0	0	562	59	3,105
EL DORADO	857	118	296	384	59	148	0	0	0	0	0	0
FRESNO	92,694	5,707	22,146	32,376	2,247	8,338	0	0	0	0	0	0
GLENN	13,512	1,064	3,252	3,193	325	1,538	0	0	0	59	30	59
HUMBOLDT	296	30	118	237	59	237	0	0	0	355	148	444
IMPERIAL	185,182	12,330	32,051	61,560	4,820	13,690	23,033	3,873	10,703	0	0	0
INYO	14,666	1,064	4,553	1,183	177	739	0	0	0	0	0	0
KERN	135,863	8,368	30,070	36,516	2,484	8,427	0	0	0	0	0	0
KINGS	34,564	1,892	6,564	6,298	503	1,981	0	0	0	0	0	0
LAKE	5,204	444	1,390	739	59	473	0	0	0	0	0	0
LASSEN	8,959	710	2,454	177	59	177	0	0	0	0	0	0
LOS ANGELES	17,179	1,242	10,378	5,500	591	2,277	0	0	0	0	0	0
MADERA	29,301	1,922	7,037	8,634	591	2,011	0	0	0	0	0	0
MARIN	857	89	739	0	0	0	0	0	0	0	0	0
MARIPOSA	5,352	325	1,360	946	89	118	0	0	0	0	0	0
MENDOCINO	1,744	207	562	0	0	0	0	0	0	355	207	532
MERCED	59,756	3,637	12,271	17,267	1,124	4,879	0	0	0	0	0	0
MODOC	2,779	325	798	148	30	148	0	0	0	0	0	0
MONO	2,099	89	325	0	0	0	0	0	0	0	0	0
MONTEREY	15,582	1,597	3,607	6,475	591	2,099	0	0	0	0	0	0
NAPA	3,075	266	857	887	30	237	0	0	0	0	0	0
NEVADA	1,478	207	917	0	0	0	0	0	0	0	0	0
ORANGE	1,951	89	266	1,035	89	296	0	0	0	0	0	0
PLACER	6,653	532	1,271	4,228	177	917	0	0	0	0	0	0
PLUMAS	473	89	177	739	30	887	0	0	0	89	30	59
RIVERSIDE	95,740	6,594	20,816	26,906	2,158	8,722	14,695	1,656	4,997	0	0	0
SACRAMENTO	19,781	1,331	4,435	4,258	414	1,271	0	0	0	0	0	0
SAN BENITO	4,879	591	2,070	444	118	148	0	0	0	0	0	0
SAN BERNARDINO	56,474	4,110	13,483	16,114	1,360	6,002	5,145	739	2,040	0	0	0
SAN DIEGO	15,937	1,094	2,632	7,392	621	2,099	296	89	207	0	0	0
SAN FRANCISCO	118	30	118	0	0	0	0	0	0	0	0	0
SAN JOAQUIN	44,943	3,903	12,566	7,274	946	2,513	0	0	0	0	0	0
SAN LUIS OBISPO	27,054	1,774	6,150	9,166	650	3,045	0	0	0	0	0	0
SAN MATEO	59	59	473	59	30	30	0	0	0	0	0	0
SANTA BARBARA	7,008	769	2,099	2,484	355	1,301	0	0	0	0	0	0
SANTA CLARA	5,677	473	1,567	2,129	177	532	0	0	0	0	0	0
SANTA CRUZ	1,005	148	384	710	118	591	0	0	0	0	0	0
SHASTA	8,220	1,094	3,607	1,508	177	769	0	0	0	1,538	562	1,656
SIERRA	0	0	0	355	59	207	0	0	0	177	59	118
SISKIYOU	6,653	857	2,661	3,519	148	710	0	0	0	1,301	296	1,212
SOLANO	9,816	680	2,454	1,271	148	444	0	0	0	0	0	0
SONOMA	3,519	384	946	1,124	59	384	0	0	0	0	0	0
STANISLAUS	23,979	1,951	7,451	4,494	710	2,099	0	0	0	0	0	0
SUTTER	27,646	1,804	7,510	7,185	473	2,484	0	0	0	0	0	0
TEHAMA	26,374	2,158	6,801	1,833	384	1,508	0	0	0	237	118	177
TRINITY	0	30	59	89	30	118	0	0	0	266	207	650
TULARE	62,210	3,489	14,015	16,735	1,153	5,647	0	0	0	0	0	0
TUOLUMNE	1,951	384	769	562	148	503	0	0	0	0	0	0
VENTURA	9,462	798	3,134	4,317	266	1,331	0	0	0	0	0	0
YOLO	34,890	2,188	6,239	5,263	503	2,602	0	0	0	0	0	0
YUBA	6,830	917	2,602	473	207	739	0	0	0	0	0	0
UNKNOWN	20,727	1,360	4,317	12,093	650	2,218	2,543	325	1,360	207	59	118
TOTAL	1,222,175	86,722	290,235	342,629	27,527	102,511	45,711	6,682	19,308	5,677	2,040	8,841

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TABLE 8: STATEWIDE BAG, HUNTER NUMBERS, AND DAYS HUNTED BY COUNTY AND SPECIES - 1999

	Band-tailed Pigeon (southern zone)			Common Snipe			Coot/Moorhen			American Crow		
	BAG	HUNTERS	DAYS	BAG	HUNTERS	DAYS	BAG	HUNTERS	DAYS	BAG	HUNTERS	DAYS
0.03382084692683												
ALAMEDA	0	0	0	0	0	0	0	0	0	0	0	0
ALPINE	0	0	0	0	0	0	0	0	0	0	0	0
AMADOR	148	59	177	0	0	0	0	0	0	0	0	0
BUTTE	0	0	0	237	59	532	89	59	177	769	89	1,183
CALAVERAS	237	59	177	0	0	0	0	0	0	0	30	59
COLUSA	798	89	325	59	59	59	2,218	296	1,922	0	0	0
CONTRA COSTA	0	0	0	266	30	177	0	0	0	0	0	0
DEL NORTE	0	0	0	0	0	0	1,035	59	325	0	0	0
EL DORADO	325	89	266	0	0	0	0	0	0	59	59	148
FRESNO	769	177	473	30	30	59	89	30	59	1,626	266	1,331
GLENN	0	0	0	30	30	30	384	59	917	177	89	118
HUMBOLDT	0	0	0	2,779	177	1,478	30	30	30	1,774	148	1,892
IMPERIAL	296	30	30	0	0	0	1,744	148	798	0	0	0
INYO	0	0	0	0	0	0	59	30	59	30	59	2,986
KERN	857	473	946	296	59	650	0	0	0	2,572	148	621
KINGS	118	59	59	207	30	30	89	30	118	0	30	30
LAKE	0	0	0	30	30	30	0	0	0	148	59	148
LASSEN	0	0	0	0	0	0	1,064	59	325	0	0	0
LOS ANGELES	473	177	384	0	0	0	0	0	0	0	0	0
MADERA	0	0	0	0	0	0	0	0	0	148	59	89
MARIN	0	0	0	0	0	0	0	0	0	0	0	0
MARIPOSA	59	59	89	0	0	0	0	0	0	0	0	0
MENDOCINO	0	0	0	0	0	0	0	0	0	0	30	444
MERCED	148	30	503	1,508	148	621	3,223	237	2,129	2,040	296	1,892
MODOC	0	0	0	0	0	0	414	59	237	0	0	0
MONO	0	0	0	0	0	0	0	0	0	0	30	89
MONTEREY	3,341	1,242	2,632	0	0	0	0	0	0	148	89	177
NAPA	59	30	30	0	0	0	0	0	0	148	59	414
NEVADA	59	30	30	0	0	0	0	0	0	0	59	503
ORANGE	0	0	0	0	0	0	0	0	0	0	0	0
PLACER	59	59	89	0	0	0	0	0	0	0	30	30
PLUMAS	0	0	0	0	0	0	0	0	0	0	0	0
RIVERSIDE	680	89	148	384	30	148	917	207	532	8,752	296	2,572
SACRAMENTO	89	59	148	0	0	0	0	0	0	296	59	237
SAN BENITO	207	30	89	0	0	0	0	0	0	0	0	0
SAN BERNARDINO	532	266	444	59	30	148	296	30	148	4,258	207	1,094
SAN DIEGO	148	237	355	296	59	621	473	89	769	148	59	177
SAN FRANCISCO	0	0	0	0	0	0	0	0	0	0	0	0
SAN JOAQUIN	89	59	237	2,040	118	1,183	89	30	59	1,212	207	11,502
SAN LUIS OBISPO	680	296	650	148	30	89	0	0	0	266	89	148
SAN MATEO	0	0	0	237	30	591	0	0	0	0	0	0
SANTA BARBARA	591	237	710	0	0	0	148	30	1,508	296	30	148
SANTA CLARA	118	30	59	0	30	89	0	0	0	0	0	0
SANTA CRUZ	30	59	59	0	0	0	0	0	0	0	0	0
SHASTA	0	0	0	89	59	237	414	59	118	89	59	148
SIERRA	0	0	0	0	0	0	0	0	0	59	30	177
SISKIYOU	0	0	0	384	30	444	89	30	59	30	30	30
SOLANO	148	30	30	0	30	59	30	30	30	148	30	148
SONOMA	325	118	473	0	0	0	0	0	0	30	30	30
STANISLAUS	89	59	946	296	89	266	473	30	118	1,478	118	857
SUTTER	0	0	0	0	0	0	739	59	503	11,236	148	857
TEHAMA	0	0	0	0	0	0	0	0	0	1,863	89	680
TRINITY	0	0	0	0	0	0	1,478	59	355	30	30	30
TULARE	0	0	0	0	0	0	0	0	0	591	30	296
TUOLUMNE	207	148	266	0	0	0	0	0	0	89	30	89
VENTURA	89	89	89	177	30	59	296	30	296	0	0	0
YOLO	414	89	325	0	30	59	0	0	0	89	30	237
YUBA	118	30	89	0	0	0	296	30	444	0	0	0
UNKNOWN	414	148	177	0	30	89	887	59	591	2,632	118	1,833
TOTAL	12,714	4,731	11,502	9,550	1,271	7,747	17,060	1,863	12,625	43,228	3,341	33,441

EXTRAPOLATED

TABLE 8: STATEWIDE BAG, HUNTER NUMBERS, AND DAYS HUNTED BY COUNTY AND SPECIES - 1999

	Blue Grouse			Ruffed Grouse			White-tailed Ptarmigan					
	BAG	HUNTERS	DAYS	BAG	HUNTERS	DAYS	BAG	HUNTERS	DAYS			
0.03382084692683												
ALAMEDA	0	0	0	0	0	0	0	0	0			
ALPINE	59	59	89	0	0	0	0	30	59			
AMADOR	0	0	0	0	0	0	0	0	0			
BUTTE	0	0	0	0	0	0	0	0	0			
CALAVERAS	148	89	237	0	0	0	0	0	0			
COLUSA	0	30	296	0	0	0	0	0	0			
CONTRA COSTA	0	0	0	0	0	0	0	0	0			
DEL NORTE	0	89	266	118	118	532	0	0	0			
EL DORADO	0	89	503	0	0	0	0	0	0			
FRESNO	0	148	296	0	0	0	0	0	0			
GLENN	0	0	0	0	0	0	0	0	0			
HUMBOLDT	857	473	2,720	650	414	3,696	0	0	0			
IMPERIAL	0	0	0	0	0	0	0	0	0			
INYO	0	89	266	0	0	0	0	0	0			
KERN	0	0	0	0	0	0	0	0	0			
KINGS	0	0	0	0	0	0	0	0	0			
LAKE	325	59	325	0	0	0	0	0	0			
LASSEN	237	414	1,508	0	0	0	0	0	0			
LOS ANGELES	0	0	0	0	0	0	0	0	0			
MADERA	30	30	30	0	0	0	0	0	0			
MARIN	0	0	0	0	0	0	0	0	0			
MARIPOSA	0	0	0	0	0	0	0	0	0			
MENDOCINO	148	118	355	0	0	0	0	0	0			
MERCED	0	0	0	0	0	0	0	0	0			
MODOC	444	266	1,005	0	0	0	0	0	0			
MONO	30	118	444	0	0	0	0	0	0			
MONTEREY	0	0	0	0	0	0	0	0	0			
NAPA	0	0	0	0	0	0	0	0	0			
NEVADA	414	118	444	0	0	0	0	0	0			
ORANGE	0	0	0	0	0	0	0	0	0			
PLACER	89	59	118	0	0	0	0	0	0			
PLUMAS	177	148	680	0	0	0	0	0	0			
RIVERSIDE	0	0	0	0	0	0	0	0	0			
SACRAMENTO	0	0	0	0	0	0	0	0	0			
SAN BENITO	0	0	0	0	0	0	0	0	0			
SAN BERNARDINO	0	0	0	0	0	0	0	0	0			
SAN DIEGO	0	0	0	0	0	0	0	0	0			
SAN FRANCISCO	0	0	0	0	0	0	0	0	0			
SAN JOAQUIN	0	0	0	0	0	0	0	0	0			
SAN LUIS OBISPO	0	0	0	0	0	0	0	0	0			
SAN MATEO	0	0	0	0	0	0	0	0	0			
SANTA BARBARA	0	0	0	0	0	0	0	0	0			
SANTA CLARA	0	0	0	0	0	0	0	0	0			
SANTA CRUZ	0	0	0	0	0	0	0	0	0			
SHASTA	59	30	296	30	30	207	0	0	0			
SIERRA	30	118	296	0	0	0	0	0	0			
SISKIYOU	1,360	739	3,814	1,981	769	4,080	0	0	0			
SOLANO	0	0	0	0	0	0	0	0	0			
SONOMA	0	0	0	0	0	0	0	0	0			
STANISLAUS	0	0	0	0	0	0	0	0	0			
SUTTER	0	1,981	3,932	0	0	0	0	0	0			
TEHAMA	89	89	650	0	0	0	0	0	0			
TRINITY	414	444	2,750	207	237	1,597	0	0	0			
TULARE	0	0	0	0	0	0	0	0	0			
TUOLUMNE	0	0	0	0	0	0	0	0	0			
VENTURA	0	0	0	0	0	0	0	0	0			
YOLO	0	0	0	0	0	0	0	0	0			
YUBA	0	0	0	0	0	0	0	0	0			
UNKNOWN	237	89	503	89	59	177	0	0	0			
TOTAL	5,145	5,884	21,821	3,075	1,626	10,290	0	30	59			

EXTRAPOLATED

TABLE 8: STATEWIDE BAG, HUNTER NUMBERS, AND DAYS HUNTED BY COUNTY AND SPECIES - 1999

	Badger			Raccoon			Marmot			Gray Fox		
	BAG	HUNTERS	DAYS	BAG	HUNTERS	DAYS	BAG	HUNTERS	DAYS	BAG	HUNTERS	DAYS
0.03382084692683												
ALAMEDA	0	0	0	0	0	0	0	0	0	0	0	0
ALPINE	0	0	0	0	0	0	0	0	0	0	0	0
AMADOR	0	0	0	0	0	0	0	0	0	0	0	0
BUTTE	0	0	0	0	30	30	0	0	0	0	30	296
CALAVERAS	0	0	0	89	30	237	0	0	0	0	0	0
COLUSA	0	0	0	0	0	0	0	0	0	0	0	0
CONTRA COSTA	0	0	0	30	30	30	0	0	0	0	0	0
DEL NORTE	0	0	0	0	0	0	0	0	0	0	0	0
EL DORADO	0	0	0	59	59	89	0	0	0	89	89	414
FRESNO	59	30	30	473	89	3,873	0	0	0	0	30	887
GLENN	0	0	0	177	30	444	0	0	0	0	0	0
HUMBOLDT	0	0	0	0	30	30	0	0	0	148	30	296
IMPERIAL	0	0	0	0	0	0	0	0	0	0	0	0
INYO	0	0	0	0	0	0	177	30	177	0	0	0
KERN	0	0	0	30	30	59	0	0	0	0	59	89
KINGS	0	0	0	0	0	0	0	0	0	0	0	0
LAKE	0	0	0	0	0	0	0	0	0	0	0	0
LASSEN	0	0	0	1,301	30	769	0	0	0	89	30	325
LOS ANGELES	0	0	0	0	30	59	0	0	0	0	59	680
MADERA	0	0	0	0	0	0	0	0	0	0	0	0
MARIN	0	30	296	0	0	0	0	0	0	0	0	0
MARIPOSA	0	0	0	0	30	473	0	0	0	177	89	2,543
MENDOCINO	0	0	0	0	0	0	0	0	0	0	0	0
MERCED	0	0	0	444	89	414	0	0	0	0	0	0
MODOC	0	30	355	0	0	0	503	59	148	0	0	0
MONO	0	0	0	0	0	0	0	0	0	0	0	0
MONTEREY	0	0	0	0	0	0	0	0	0	0	0	0
NAPA	0	0	0	0	0	0	0	0	0	0	0	0
NEVADA	0	0	0	148	59	296	0	0	0	0	0	0
ORANGE	0	0	0	0	0	0	0	0	0	0	0	0
PLACER	0	0	0	0	0	0	0	0	0	0	0	0
PLUMAS	0	0	0	0	0	0	0	0	0	0	0	0
RIVERSIDE	0	0	0	0	0	0	0	0	0	0	0	0
SACRAMENTO	0	0	0	0	0	0	0	0	0	0	0	0
SAN BENITO	0	0	0	0	0	0	0	0	0	0	0	0
SAN BERNARDINO	0	0	0	0	0	0	0	0	0	118	89	946
SAN DIEGO	0	0	0	0	0	0	0	0	0	59	59	207
SAN FRANCISCO	0	0	0	0	0	0	0	0	0	0	0	0
SAN JOAQUIN	0	0	0	1,242	89	1,124	0	0	0	0	0	0
SAN LUIS OBISPO	0	0	0	30	30	59	0	0	0	0	0	0
SAN MATEO	0	0	0	0	0	0	0	0	0	0	0	0
SANTA BARBARA	0	0	0	0	0	0	0	0	0	0	0	0
SANTA CLARA	0	0	0	0	0	0	0	0	0	0	0	0
SANTA CRUZ	0	0	0	0	0	0	0	0	0	0	0	0
SHASTA	0	0	0	0	30	89	0	0	0	148	89	325
SIERRA	0	0	0	0	0	0	0	30	89	0	0	0
SISKIYOU	0	0	0	296	30	444	177	89	444	0	30	118
SOLANO	0	0	0	89	30	59	0	0	0	0	0	0
SONOMA	0	0	0	89	59	266	0	0	0	0	30	148
STANISLAUS	0	0	0	89	30	237	0	0	0	0	0	0
SUTTER	0	0	0	444	30	887	0	0	0	0	0	0
TEHAMA	0	0	0	1,390	177	7,421	0	0	0	414	89	946
TRINITY	0	0	0	0	0	0	0	0	0	591	30	1,478
TULARE	0	0	0	118	30	237	30	30	30	59	30	207
TUOLUMNE	0	0	0	89	30	59	0	0	0	89	89	857
VENTURA	0	0	0	0	0	0	0	0	0	0	30	59
YOLO	0	0	0	148	30	2,661	0	0	0	0	0	0
YUBA	0	0	0	177	30	887	0	0	0	0	0	0
UNKNOWN	0	0	0	59	30	296	0	0	0	0	0	0
TOTAL	59	89	680	7,008	1,212	21,525	887	237	887	1,981	976	10,822

Total Number of Respondents=9275; Total Number of Hunters=39275; Extrapolation Rate=.03

EXTRAPOLATED

TABLE 9: AGE, GENDER, AND FIRST YEAR HUNTER DATA 1999

0.03382084692683							
AGE COHORTS	**0-16**	**17-21**	**22-30**	**31-40**	**41-50**	**51 AND OVER**	**TOTAL**
MALE	33,944	10,910	22,264	56,001	68,242	104,610	**295,971**
FEMALE	3,134	710	1,212	2,957	3,371	3,282	**14,666**
DID NOT HUNT	3,814	946	2,602	6,594	8,870	17,120	**39,946**
FIRST YEAR HUNTING - MALE	10,142	828	1,597	1,715	1,212	857	**16,351**
FIRST YEAR HUNTING - FEMALE	1,242	148	355	325	414	59	**2,543**
TOTALS	**52,275**	**13,542**	**28,030**	**67,591**	**82,109**	**125,928**	**369,476**