

California Department of Fish and Game

Resources Building  
1416 Ninth Street  
Sacramento, CA 95814

REPORT OF THE 1990 GAME TAKE HUNTER SURVEY

Hunter game take questionnaires were mailed to 18,662 randomly selected hunting licensees in January 1991. These individuals represented approximately 4.9 percent of the total number of licenses sold (376,935) in 1990. Two follow-up mailings were sent to nonrespondents; the first approximately four weeks, and the second approximately seven weeks after the initial mailing. There were 336 questionnaires returned undeliverable, which left a total of 17,990 possible respondents. A total of 13,828 persons returned the questionnaire, representing approximately 3.7 percent of all hunting license buyers, and a response rate of 75.4 percent. It was determined through the analysis of the survey that there was a hunting effort of approximately 376,935 hunting licensees who spent 6,035,715 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 indicates high validity for species pursued by large numbers of hunters.

Hunters From License Sales*	1989	1990	Percent Change From 1989
Hunting Licenses	384,096	376,935	-2
Deer Hunters (applications)	191,479	200,800	+5
Deer Tags	258,686	267,668	+3
Bear Tags	CLOSED	8,615	+100
Federal Duck Stamps	71,082	59,784	-16
State Duck Stamps	70,898	66,994	-5

\* Estimates

\*\* Not Applicable

## HUNTING REGULATION CHANGES

### Black Brant

Season changed from October 18 through November 30 to November 1 through November 30.

### Falconry Ducks (including Mergansers)

3 per day, 6 in possession singly or in the aggregate whenever birds are taken by means of falconry.

### Northeastern California

Area changed to lie east and north of a line beginning at the intersection of the Klamath River with the California-Oregon line; south and west along the Klamath River to the mouth of Shovel Creek; south along Shovel Creek to its intersection with Forest Service Road 46N10; south and east along Forest Service Road 46N10 to its junction with Forest Service Road 45N22; west and south along Forest Service Road 45N22 to its junction with Highway 97 at Grass Lake Summit; south and west along Highway 97 to its junction with Interstate 5 and the town of Weed.

### Ducks (including Mergansers), American Coot, and Common Moorhen

Season options were given:

- 1) A split season from the fourth Saturday in October extending for a period of 22 consecutive days and from the Saturday closest to December 1 extending for a period of 37 consecutive days.
- 2) A split season from the third Saturday in October extending for a period of 22 consecutive days and from the Saturday closest to December 1 extending for a period of 37 consecutive days.
- 3) Season opened on the Friday before the second Saturday of November [or the second Saturday of November] extending for a period of 59 [or 58] consecutive days.

### Sacramento Valley

Season for white-fronted geese shall end on November 30; except that in that portion of the area lying east of a line formed by Butte Creek from the Gridley-Colusa Highway south to the Cherokee Canal; easterly along the Cherokee Canal and North Butte Road to West Butte Road; southerly on West Butte Road to Pass Road; easterly on Pass Road to West Butte Road; southerly on West Butte Road to Highway 20; and westerly along Highway 20 to the Sacramento River, the take of Canada geese other than cackling and Aleutian Canada geese is allowed.

### San Joaquin Valley

Area changed from Highway 59 to Highway 165 in eastern and northern portions.

Zones Wherein Steel Shot is Required for Waterfowl, American Coot, and Common Moorhen Hunting

Added counties: Amador, Humboldt, Kern, Kings, Riverside, San Mateo, and Ventura.

Change in areas within counties: Portions of Lassen, Plumas, Shasta, Sierra, and Tehama counties lying north and east of the following line: Beginning at Highway 89, not I-5, at the Siskiyou-Shasta county border, and southeast on State Highway 89 to State Highway 70, east on State Highway 70 to U.S. 395, south on U.S. 395 to the Nevada border.

Quail

Additional season for mountain quail changed. Opened on the second Saturday in September extending through the Friday prior to the third Saturday in October in listed counties. Added counties were Inyo and Mono.

Sage Grouse

The season in Lassen County opened on the first Saturday in September and extended for a period of two days. The season in Mono and Inyo counties opened the second Saturday in October and extended for a period of two days.

- # of permits changed from 400 to 50-1,000 in Lassen County, 300 to 50-1,000 in North Mono area, and 250 to 50-1,000 in South Mono and Inyo area.

- Applications for all hunts mailed to: Department of Fish and Game  
License and Revenue Branch  
3211 S. Street  
Sacramento, CA 95816

White-tailed Ptarmigan

# of permits increased from 50 to 100.

Band-tailed Pigeons

The season in the counties of Alpine, Butte, Del Norte, Glenn, Humboldt, Lassen, Mendocino, Modoc, Plumas, Shasta, Sierra, Siskiyou, Tehama, and Trinity opened on the third Saturday in September and extended for a period of 16 consecutive days.

Use of Dogs in Pursuit and/or Hunting of Mammals

Central California: Tuolumne county added.

Southern Sierra: -Tuolumne county removed.

-Calaveras-Tuolumne line replaced by Mariposa-Tuolumne county line for beginning line.

-South line changed from Highway 49 to Highway 41 at Oakhurst.

General Nelson Bighorn Ram Hunting Permits

Applications had to be received by last Monday in June.

Elk

Klamath Elk Hunt and Big Lagoon Elk Hunt removed.

Bishop Tule Elk Hunt - # permits 10: period 1 - 5  
period 2 - 5

Lone Pine Tule Elk Hunt - # permits 30: period 1 - 15  
period 2 - 15

Cache Creek Tule Elk Hunt - # permits: bulls - 5  
cows - 10

Grizzly Island Tule Elk Hunt added.

Applicants needed to indicate bull or cow tag on application and successful applicants needed to attend a mandatory hunter orientation.

Bear

Guidelines set for how bears can be taken and distribution of bear tags defined.

Deer

Distribution of tags and permits redefined.

Deer(cont.)

<u>Zone/Hunt#</u>	<u>Changes from 1989</u>
A	Bag and possession limit dropped from two to one buck per tag.
B-1	Bag and possession limit from two to one buck per tag. # of tags: 18,000-26,000.
B-2	Bag and possession limit from two to one buck per tag. # of tags: 15,000-24,500.
B-3	Bag and possession limit to one buck per tag. # of tags: 2,500-3,500.
B-4	Bag and possession limit from two to one buck per tag. # of tags: 2,000-7,500.
D-1	Bag and possession limit to one buck per tag. # of tags: 5,000-6,000.
D-2a	Bag and possession limit to one buck per tag. # of tags: 2,000-3,500.
D-2b	Bag and possession limit to one buck per tag. # of tags: 2,000-3,500.
D-3	Bag and possession limit to one buck per tag. # of tags: 11,000-15,000.
D-4	Bag and possession limit to one buck per tag. # of tags: 3,000-5,000.
D-5	Bag and possession limit to one buck per tag. # of tags: 20,000-24,000.
D-6	Bag and possession limit to one buck per tag. # of tags: 12,000-21,000.
D-7	Bag and possession limit to one buck per tag. # of tags: 8,000-10,000.
D-8	Bag and possession limit to one buck per tag. # of tags: 10,000-14,000.
D-9	Bag and possession limit to one buck per tag. # of tags: 1,000-2,000.

Deer(cont.)

<u>Zone/Hunt#</u>	<u>Changes from 1989</u>
D-10	Bag and possession limit to one buck per tag. # of tags: 500-1,500.
D-11	Bag and possession limit to one buck per tag. # of tags: 7,000-9,000.
D-12	Bag and possession limit to one buck per tag. # of tags: 1,000-1,300.
D-13	Bag and possession limit to one buck per tag. # of tags: 3,000-4,000.
D-14	Bag and possession limit to one buck per tag. # of tags: 2,000-3,000.
D-15	Bag and possession limit to one buck per tag. # of tags: 2,000-3,000.
D-16	Bag and possession limit to one buck per tag. # of tags: 4,000-7,000.
D-17	Bag and possession limit to one buck per tag. # of tags: 500- 1,000.
D-18	Bag and possession limit to one buck per tag. # of tags: 3,400-4,400.
X-1	Bag and possession limit to one buck per tag(forked horn). # of tags: 8,500-12,500.
X-2	Bag and possession limit to one buck per tag(forked horn). # of tags: 550-1,200.
X-3a	Bag and possession limit to one buck per tag(forked horn). # of tags: 1,275-2,550.
X-3b	Bag and possession limit to one buck per tag(forked horn). # of tags: 2,350-5,000.
X-4	Lassen county roads defined as 512, 510, and 506. Bag and possession limit to one buck per tag. # of tags: 1,500-2,500.
X-5a	Bag and possession limit to one buck per tag. # of tags: period 1 - 20-80. period 2 - 150-300.
X-5b	Lassen county roads defined as 506, 510, and 512. Bag and possession limit to one buck per tag. # of tags: period 1 - 20-80. period 2 - 200-700.
X-5c	Bag and possession limit to one buck per tag. # of tags: period 1 - 20-120. period 2 - 500-1,000.
X-6	Bag and possession limit to one buck per tag. # of tags: 2,000-4,000.
X-7a	Bag and possession limit to one buck per tag. # of tags: 800-1,800.
X-7b	Bag and possession limit to one buck per tag. # of tags: 300-750.
X-8	Bag and possession limit to one buck per tag. # of tags: 500-1,000.

Deer(cont.)

<u>Zone/Hunt#</u>	<u>Changes from 1989</u>
X-9a	Hunt boundary changed. Bag and possession limit to one buck per tag. # of tags: 850-2,000.
X-9b	Hunt boundary changed. Bag and possession limit to one buck per tag. # of tags: 800-2,500.
X-10	Bag and possession limit to one buck per tag for archery hunting and hunt periods one, two, three, and four. # of tags: 825-1,750 period 1 = 400-800 period 2 = 300-700 period 3 = 75-150 period 4 = 50-100
X-11	Bag and possession limit to one buck per tag. # of tags: 13,000-17,000. period 1 = 6,500-8,500. period 2 = 6,500-8,500.
X-12	Bag and possession limit to one buck per tag. # of tags: 800-1,500.
XS-1	Tags replaced permits.
XS-2	Bag and possession limit to one buck(forked horn) per tag. # of tags: 25-50.
S-1	Season opened on first Saturday in December instead of November. Tags replaced permits.
S-2	Tags replaced permits.
S-3	Tags replaced permits.
S-4	Tags replaced permits.
S-5	Tags replaced permits. # of tags: 295 - 125 military. - 170 general public.
S-6	Tags replaced permits.
S-7	Tags replaced permits.
S-8	Tags replaced permits.
S-9	Tags replaced permits.
S-10	Tags replaced permits. Season opened third Saturday in October, for 37 consecutive days. # of tags: 500 - 440 military. - 60 general public.
S-11	Tags replaced permits. # tags decreased to 170.
S-12	Tags replaced permits.
S-13	Tags replaced permits.
S-14	Tags replaced permits.
S-15	Tags replaced permits. # of tags: 40-100.

Deer(cont.)

Zone/Hunt#

Changes from 1989

S-16	Tags replaced permits. # of tags(applicant must specify): 70-150 muzzle-loading rifle(M). 23- 50 archery(A).
S-17	Tags replaced permits.
S-18	Tags replaced permits.
S-19	Tags replaced permits.
S-20	Tags replaced permits.
S-21	Tags replaced permits.
S-22	Tags replaced permits. # of tags: 40-100.
S-23	Tags replaced permits.
S-24	Tags replaced permits.
S-25	Area added.
S-26	Area added.
S-27	Tags replaced permits.
S-28	Tags replaced permits.
S-29	Tags replaced permits. Added special condition: Archery equipment only.

TABLE 1

## ESTIMATED BAG AND HUNTER EFFORT BY SPECIES

	UPLAND GAME		Percent Change
	1989	1990	
<u>PHEASANTS</u>			
Statewide Bag	215,500	242,136	+11
Hunters Reported	76,000	76,059	+1
Average Seasonal Bag	2.8	3.2	+12
Total Days Hunted	318,800	323,082	+1
Average Days Hunted	4.2	4.3	+2
<u>QUAIL</u>			
Statewide Bag	876,300	865,728	-1
Hunters Reported	107,400	100,683	-6
Average Seasonal Bag	8.2	8.2	+5
Total Days Hunted	591,800	577,962	-2
Average Days Hunted	5.5	5.7	+3
<u>DOVES</u>			
Statewide Bag	2,533,000	1,651,590	-35
Hunters Reported	164,900	111,807	-32
Average Seasonal Bag	15.4	14.8	-4
Total Days Hunted	651,300	427,437	-34
Average Days Hunted	3.9	3.8	-3
<u>BAND-TAILED PIGEONS</u>			
Statewide Bag	76,800	28,674	-63
Hunters Reported	15,100	10,152	-33
Average Seasonal Bag	5.1	2.8	-45
Total Days Hunted	44,900	26,595	-41
Average Days Hunted	3.0	2.6	-13
<u>CHUKAR PARTRIDGE</u>			
Statewide Bag	38,700	43,794	+12
Hunters Reported	10,000	12,312	+19
Average Seasonal Bag	3.9	3.6	-8
Total Days Hunted	39,600	43,443	+9
Average Days Hunted	4.0	3.5	-12

TABLE 1  
(continued)

	<u>1989</u>	<u>1990</u>	<u>Percent Change</u>
<u>SAGE GROUSE</u>			
Statewide Bag	200	1,944	+90
Hunters Reported	500	1,755	+71
Average Seasonal Bag	0.4	1.1	+64
Total Days Hunted	700	2,538	+72
Average Days Hunted	1.4	1.5	+7
<u>BLUE/RUFFED GROUSE</u>			
Statewide Bag	8,800	7,776	-12
Hunters Reported	5,300	6,183	+14
Average Seasonal Bag	1.7	1.3	-33
Total Days Hunted	23,400	23,166	-1
Average Days Hunted	4.4	3.8	-14
<u>JACK RABBITS</u>			
Statewide Bag	173,200	286,875	+40
Hunters Reported	26,400	31,482	+16
Average Seasonal Bag	6.6	9.1	+27
Total Days Hunted	198,700	290,628	+32
Average Days Hunted	7.5	9.2	+18
<u>COTTONTAIL/BRUSH RABBITS</u>			
Statewide Bag	138,600	170,964	+19
Hunters Reported	26,900	32,103	+16
Average Seasonal Bag	5.1	5.3	+4
Total Days Hunted	147,300	180,198	+18
Average Days Hunted	5.5	5.6	+2
<u>TREE SQUIRRELS</u>			
Statewide Bag	148,100	123,228	-17
Hunters Reported	34,600	29,214	-16
Average Seasonal Bag	4.3	4.2	-2
Total Days Hunted	185,200	161,487	-13
Average Days Hunted	5.3	5.5	+4
<u>WILD TURKEY</u>			
Statewide Bag	6,300	10,611	+41
Hunters Reported	17,900	25,839	+31
Average Seasonal Bag	0.4	0.4	0
Total Days Hunted	56,500	87,372	+35
Average Days Hunted	3.2	3.4	+6

TABLE 1  
(continued)

	<u>1989</u>	<u>1990</u>	<u>Percent Change</u>
<u>DUCKS</u>			
Statewide Bag	1,044,800	1,027,647	-2
Hunters Reported	75,300	73,710	-2
Average Seasonal Bag	13.9	13.9	0
Total Days Hunted	553,600	564,138	+2
Average Days Hunted	7.3	7.7	+5
<u>GEESE</u>			
Statewide Bag	102,200	109,674	+7
Hunters Reported	31,300	35,883	+13
Average Seasonal Bag	3.2	3.1	-3
Total Days Hunted	308,900	306,963	-1
Average Days Hunted	9.6	8.6	-10
<u>DEER (Hunter Survey)</u>			
Statewide Bag	39,600	64,017	+38
Hunters Reported	213,300	304,803	+30
Total Days Hunted	1,488,700	2,231,307	+33
Average Days Hunted	7.0	7.3	+4
<u>DEER (Tag Returns)</u>			
Statewide Bag	28,795	26,740	-7
Deer Tag Sales	258,686	267,668	+3
<u>BEAR (Hunter Survey)</u>			
Statewide Bag	0	1,755	+100*
Hunters Reported	0	12,150	+100*
Total Days Hunted	0	83,754	+100*
Average Days Hunted	0	6.9	+100*
<u>BEAR (Tag Returns)</u>			
Statewide Bag	0	1,187	+100*
Bear Tag Sales	0	8,615	+100*
<u>WILD PIGS</u>			
Statewide Bag	32,000	43,011	+26
Hunters Reported	36,500	54,729	+33
Average Seasonal Bag	0.9	0.8	-11
Total Days Hunted	197,800	367,848	+46
Average Days Hunted	5.4	6.7	+19
* 1989 Season Closed			

TABLE 2

## SUMMARY OF ESTIMATED STATEWIDE BAG - 1990

<u>Species</u>	<u>Average 1983-1988</u>	<u>1989</u>	<u>1990</u>	<u>Change from 1989</u>
Pheasant	326,513*	215,500	242,136	+11%
Quail	1,175,138	876,300	865,728	-1%
Dove	2,243,660	2,533,000	1,651,590	-35%
Chukar Partridge	52,894	38,700	43,794	+12%
Sage Grouse	1,308**	200	1,944	+90%
Blue/Ruffed Grouse	7,178	8,800	7,776	-12%
Band-tailed Pigeons	69,214	76,800	28,674	-63%
Wild Turkeys	7,799	6,300	10,611	+41%
Jack Rabbits	369,557	173,200	286,875	+40%
Cottontail Rabbits	296,818	138,600	170,964	+19%
Tree Squirrels	138,171	148,100	123,228	-17%
Ducks	1,178,070	1,044,800	1,027,647	-2%
Geese	117,206	102,200	109,674	+7%
Jacksnipe	24,282	18,100	22,842	+21%
Coots	60,044	19,700	11,691	-41%
Deer (Hunter Survey)	64,164	39,600	64,017	+38%
Deer (Tag Returns)***	27,241	28,795	26,740	-7%
Bear (Hunter Survey)	1,644	(SEASON CLOSED)	1,755	+100%
Bear (Tag Returns)	1,179	(SEASON CLOSED)	1,187	+100%
Wild Pigs	50,529	32,000	43,011	+26%

Note: 1989 numbers are rounded to nearest hundred.

\* 1988 pheasant data not comparable to previous years or 1989 data.

\*\* Sage grouse season closed from 1983-1986, data represents 1987-8.

\*\*\*Tag return numbers are not rounded because they are not estimates.

TABLE 3

## REPORTED HUNTING LICENSE AND TAG SALES, HUNTER HARVEST AND EFFORT 1982-1990

<u>LICENSE &amp; TAG SALES</u>	<u>1982</u>	<u>1983</u>	<u>1984</u>	<u>1985</u>	<u>1986</u>	<u>1987</u>	<u>1988</u>	<u>1989</u>	<u>1990</u>
Hunting license	532,000	533,728	487,804	488,770	456,681	421,289	411,204	384,096	376,935
Deer Hunters	306,768	278,906	253,725	260,262	210,933	254,728	312,520	213,300	249,129
Deer Tags	383,036	355,581	317,855	314,810	295,220	232,048	260,805	258,686	267,668
Bear Tags	25,856	14,378	11,077	11,944	9,864	11,971	12,561	CLOSED	8,615
Duck Stamps (Federal)	109,258	109,654	107,736	93,253	93,123	89,893	72,631	71,082	59,784
Duck Stamps (State)	105,144	106,806	98,785	97,021	91,377	89,158	79,301	70,898	66,994
<u>STATE-WIDE BAG</u>									
Deer (Buck Tag Returns)	32,520	26,886	32,190	31,651	30,253	25,864	25,112	28,795	26,740
Deer (Hunter Survey)	55,780	51,800	57,492	69,384	65,484	53,278	68,840	39,600	64,017
Bear (Tag Return)	783	601	770	1,138	1,035	1,448	1,359	CLOSED	1,187
Bear (Hunter Survey)	1,180	970	1,116	1,617	1,224	1,666	1,960	CLOSED	1,755
Wild Pigs	26,300	35,600	40,392	34,741	56,447	41,310	59,360	32,000	43,011
Pheasants	317,000	442,200	379,440	308,847	241,128	260,950	659,000	215,500	242,136
Quail	1,172,950	1,410,220	1,004,436	1,110,585	1,095,072	923,270	1,241,560	876,300	865,728
Doves	3,272,560	2,738,660	2,551,572	2,640,610	2,018,376	1,935,586	2,110,360	2,533,000	1,165,590
Chukar Partridge	32,720	67,850	42,408	50,764	38,709	32,402	59,360	38,700	43,794
Blue and Ruffed Grouse	7,790	4,320	7,668	9,947	6,222	8,024	7,120	8,800	7,776
Sage Grouse	3,190	CLOSED	CLOSED	CLOSED	CLOSED	816	1,800	200	1,944
Band-Tailed Pigeons	118,220	153,590	125,892	77,714	65,229	66,912	40,560	76,800	28,674
Jack Rabbits	568,560	569,850	527,616	365,981	250,155	234,362	349,520	173,200	286,875
Cottontail Rabbits	345,720	441,690	462,024	313,257	261,681	244,324	249,040	138,600	170,964
Tree Squirrels	165,340	141,400	116,064	188,356	131,325	151,164	130,680	148,100	123,228
Ducks	1,531,740	1,741,050	1,566,324	1,693,244	1,202,529	1,512,150	813,080	1,044,800	1,027,647
Geese	100,210	160,630	145,152	201,586	91,086	116,008	91,520	102,200	109,674
Coots	153,250	161,460	145,764	93,492	33,660	50,660	23,080	19,700	11,691
Jacksnipe	29,300	22,500	43,848	24,304	15,045	11,118	25,200	18,100	22,842
Wild Turkeys	4,830	4,050	5,652	7,791	9,690	7,004	8,760	6,300	10,611
NUMBER HUNTER DAYS	7,610,600	7,833,340	7,090,560	6,905,668	5,495,097	5,288,700	6,786,520	5,028,700	6,035,715

TABLE 4

## STATEWIDE HUNTERS 1982-1990

<u>GAME HUNTED</u>	<u>1982</u>	<u>1983</u>	<u>1984</u>	<u>1985</u>	<u>1986</u>	<u>1987</u>	<u>1988</u>	<u>1989</u>	<u>1990</u>
Deer (Applications Sold)	306,770	278,906	253,725	260,262	295,220	232,048	219,412	191,479	267,668
Deer (Hunter Survey)	364,000	361,330	286,884	323,596	300,543	254,728	312,520	213,300	304,803
Bear (Applications Sold)	25,859	14,378	11,077	11,944	9,864	11,971	12,561	CLOSED	8,615
Bear (Hunter Survey)	19,880	13,850	11,880	14,406	10,914	11,832	16,520	CLOSED	12,150
Wild Pigs	31,610	39,380	36,108	45,129	49,929	44,472	57,160	36,500	54,729
Pheasants	123,240	137,220	146,808	115,248	82,824	86,938	116,120	76,000	76,059
Quail	125,250	145,310	133,992	125,489	108,018	103,666	115,600	107,400	100,683
Doves	204,970	175,350	173,160	165,571	138,669	134,776	141,360	164,900	111,807
Chukar Partridge	13,870	19,230	19,260	15,925	14,382	12,240	14,960	10,000	12,312
Blue and Ruffed Grouse	5,850	5,200	5,724	6,958	4,947	5,576	5,760	5,300	6,183
Sage Grouse	4,370	CLOSED	CLOSED	CLOSED	CLOSED	816	1,480	500	1,755
Band-Tailed Pigeons	22,760	25,350	25,812	18,130	14,790	14,756	12,560	15,100	10,152
Jack Rabbits	61,670	64,630	60,680	42,581	32,589	34,068	38,960	26,400	31,482
Cottontail Rabbits	58,670	67,850	64,548	46,697	40,137	39,406	40,080	26,900	32,103
Tree Squirrels	42,140	38,360	32,940	40,376	32,742	34,680	30,400	34,600	29,214
Ducks	105,830	113,070	131,940	118,237	86,598	91,868	68,800	75,300	73,710
Geese	48,100	54,510	58,104	61,446	37,689	38,794	31,400	32,300	35,833
Coots	11,660	12,880	12,636	7,497	4,488	4,556	2,800	2,400	2,052
Jacksnipe	4,900	4,000	5,076	3,724	1,938	1,972	3,040	2,700	2,727
Wild Turkeys	13,790	13,110	16,092	16,023	16,524	17,374	22,840	17,900	25,899

TABLE 5  
TOP TEN COUNTIES FOR TAKE OF SELECTED GAME SPECIES - 1990

<u>PHEASANTS</u>	<u>% OF STATE TOTAL</u>	<u>JACK RABBITS</u>	<u>% OF STATE TOTAL</u>
1> COLUSA	13.3	1> LASSEN	13.4
2> BUTTE	10.6	2> KERN	8.6
3> YOLO	9.8	3> SISKIYOU	7.1
4> SUTTER	8.5	4> SAN BERNARDINO	5.8
5> SAN JOAQUIN	7.7	5> MODOC	5.3
6> GLENN	7.0	6> SONOMA	4.5
7> SOLANO	6.9	7> SAN JOAQUIN	3.8
8> SACRAMENTO	6.6	8> FRESNO	3.5
9> MERCED	3.8	9> MONTEREY	3.5
10> STANISLAUS	3.1	10> COLUSA	2.9
<u>QUAIL</u>		<u>COTTONTAIL RABBITS</u>	
1> KERN	8.6	1> SAN BERNARDINO	8.6
2> FRESNO	6.9	2> KERN	8.5
3> SAN LUIS OBISPO	5.2	3> FRESNO	8.5
4> MONTEREY	5.0	4> LASSEN	5.7
5> SAN BERNARDINO	4.6	5> RIVERSIDE	5.6
6> SHASTA	4.1	6> MONTEREY	4.8
7> RIVERSIDE	3.7	7> MADERA	4.8
8> SISKIYOU	3.5	8> MERCED	4.3
9> SANTA BARBARA	3.4	9> IMPERIAL	4.2
10> MENDOCINO	3.0	10> SAN LUIS OBISPO	3.8
<u>DOVES</u>		<u>DUCKS</u>	
1> KERN	10.5	1> COLUSA	14.2
2> FRESNO	10.5	2> MERCED	13.5
3> IMPERIAL	10.2	3> BUTTE	8.4
4> RIVERSIDE	6.2	4> SOLANO	7.9
5> TULARE	4.1	5> SUTTER	4.9
6> SAN BERNARDINO	3.6	6> FRESNO	4.1
7> SAN JOAQUIN	3.5	7> SISKIYOU	3.8
8> MERCED	3.3	8> SAN JOAQUIN	3.8
9> MADERA	2.9	9> IMPERIAL	3.3
10> KINGS	2.9	10> GLENN	2.7
<u>BAND-TAILED PIGEONS</u>		<u>GEESE</u>	
1> MONTEREY	12.9	1> COLUSA	14.1
2> SISKIYOU	8.8	2> LASSEN	10.5
3> MENDOCINO	8.3	3> SISKIYOU	9.9
4> SHASTA	6.3	4> MODOC	9.7
5> TULARE	5.5	5> BUTTE	8.6
6> SAN LUIS OBISPO	5.0	6> GLENN	5.9
7> SANTA CLARA	4.8	7> IMPERIAL	5.2
8> KERN	4.3	8> MERCED	4.0
9> SAN DIEGO	3.2	9> SUTTER	3.1
10> SONOMA	3.2	10> SHASTA	2.3



TABLE 7

## DISTRIBUTION OF HUNTER EFFORT BY GAME SPECIES - 1990

<u>Species</u>	<u>Number of Hunters</u>		<u>Total</u>	<u>Percent of Hunters Per Species</u>		<u>Percent of All Hunters Per Species</u>
	<u>Successful</u>	<u>Unsuccessful</u>		<u>Successful</u>	<u>Unsuccessful</u>	
Deer	84,321	220,482	304,803	27.7	72.3	80.1
Bear	2,605	9,545	12,150	21.4	78.6	3.2
Wild Pig	22,774	31,955	54,729	41.6	58.4	14.5
Coyote	13,581	10,503	24,084	56.4	43.6	6.4
Bobcat	688	1,364	2,052	33.5	66.5	0.5
Crow	3,618	729	4,347	83.2	16.8	1.2
Pheasant	53,662	22,397	76,059	70.5	29.5	20.2
Chukar Partridge	7,141	5,171	12,312	58.0	42.0	3.3
Quail	74,115	26,568	100,683	73.6	26.4	26.7
Doves	99,373	12,434	111,807	88.9	11.1	29.7
Band-tailed Pigeon	6,034	4,118	10,152	59.4	40.6	2.7
Sage Grouse	1,269	486	1,755	72.3	27.7	0.5
Blue/Ruffed Grouse	3,402	2,781	6,183	55.0	45.0	1.6
Jack Rabbits	25,002	6,480	31,482	79.4	20.6	8.4
Tree Squirrels	22,531	6,683	29,214	77.1	22.9	7.8
Cottontail Rabbits	25,069	7,034	32,103	78.1	21.9	8.5
Wild Turkeys	8,734	17,105	25,839	33.8	66.2	6.9
Ducks	60,223	13,487	73,710	81.7	18.3	19.6
Geese	24,084	11,799	35,883	67.1	32.9	9.5
Jack Snipe	2,376	351	2,727	87.1	12.9	0.7
Coots	1,633	419	2,052	79.6	20.4	0.5

All Hunters = 376,935

Due to one hunter often hunting more than one species, the percent of All Hunters per species totals to more than 100% and the number of hunter per species exceeds the total number of hunters reported (376,935).

TABLE 8

## HUNTER SUCCESS 1960-90

As Reported by Hunter Survey Respondents  
(Percentage)

	<u>Did Not Hunt</u>	<u>Hunted Unsuccessfully</u>	<u>Hunted Successfully</u>
1960	7	28	65
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

TABLE 9

## STATEWIDE BAG, HUNTERS, DAYS - 1990

	DOVES		PIGEONS		BLUE/RUFFED GROUSE		TURKEY	
	BAG	HUNTERS	BAG	HUNTERS	BAG	HUNTERS	BAG	HUNTERS
ALAMEDA	6,696	675	0	0	0	0	54	54
ALPINE	0	0	0	0	0	0	0	0
AMADOR	14,094	810	378	189	378	54	405	702
BUTTE	38,610	2,754	675	270	459	81	108	1,161
CALAVARAS	14,067	702	162	81	216	81	27	540
COLUSA	28,215	2,592	189	54	162	0	0	81
CONTRA COSTA	10,071	1,080	0	0	0	0	0	0
DEL NORTE	432	81	135	81	189	81	108	0
EL DORADO	4,104	459	729	135	324	54	0	1,161
FRESNO	173,556	8,667	135	108	891	81	108	648
GLENN	24,813	2,241	162	108	216	135	108	297
HUMBOLDT	324	54	756	216	864	621	972	226
IMPERIAL	167,616	10,287	27	27	27	0	0	0
INYO	35,181	1,647	0	0	0	108	135	27
KERN	173,772	10,044	1,242	459	864	0	0	243
KINGS	48,141	2,538	81	27	27	0	0	0
LAKE	9,801	945	0	54	405	81	27	540
LASSEN	15,633	2,160	0	0	0	297	27	324
LOS ANGELES	14,769	1,296	513	270	621	0	0	27
MADERA	48,276	2,430	0	27	27	189	0	189
MARIN	2,781	243	0	0	0	0	0	0
MARIPOSA	2,052	243	162	81	135	0	0	108
MENOCINO	1,836	270	2,376	513	3,078	270	756	1,620
MERCED	54,783	3,753	270	27	54	0	54	162
MODOC	7,452	621	0	0	0	729	27	108
MONO	2,970	297	0	0	0	513	0	0
MONTEREY	37,530	2,889	3,699	1,485	4,077	0	432	1,350
MAPA	8,316	675	0	0	0	0	108	324
NEVADA	3,348	324	162	108	108	0	135	864
ORANGE	2,052	135	54	135	108	0	0	0

PLACER	14,472	1,431	4,239	54	162	189	297	1,323	432	1,431	4,617
PLUMAS	2,592	270	1,323	702	135	405	567	2,916	0	27	27
RIVERSIDE	102,465	5,589	24,138	189	270	621	0	0	0	27	54
SACRAMENTO	24,030	2,241	6,561	0	0	0	0	0	81	162	378
SAN BENITO	7,857	837	2,376	891	54	135	0	0	27	135	918
SAN BERNARDINO	59,589	3,780	16,470	432	270	729	0	0	216	729	2,376
SAN DIEGO	19,386	1,593	5,535	918	567	864	0	0	0	0	0
SAN JOAQUIN	57,672	4,833	19,359	540	135	405	0	0	0	0	0
SAN LUIS OBISPO	43,254	3,132	11,502	1,431	1,107	2,025	0	0	1,016	2,160	5,400
SAN MATEO	1,4404	135	432	0	0	0	0	0	0	27	54
SANTA BARBARA	25,164	1,512	5,832	864	324	540	0	0	54	108	162
SANTA CLARA	21,033	1,053	5,508	1,377	162	486	0	0	324	756	1,728
SANTA CRUZ	2,673	216	729	594	81	297	0	0	0	0	0
SHASTA	24,867	2,187	6,939	1,809	594	1,377	108	297	2,214	4,536	22,032
SIERRA	270	27	0	0	27	27	378	1,215	27	81	513
STIKIYOU	15,714	1,593	6,345	2,511	594	1,944	1,134	4,050	54	143	432
SOLANO	9,504	1,080	3,240	594	54	81	0	0	108	135	486
SONOMA	8,937	621	2,214	918	243	675	0	0	189	594	1,215
STANISLAUS	33,237	2,592	9,666	0	0	0	0	0	27	108	216
SUTTER	15,174	1,566	4,833	0	0	0	0	0	54	135	108
TEHAMA	38,205	2,862	8,748	432	108	243	27	27	864	1,890	7,695
TRINITY	675	216	324	378	297	702	540	2,241	54	135	189
TULARE	67,500	3,348	16,470	1,566	81	594	108	162	162	378	810
TUOLUMNE	4,212	405	1,188	0	108	108	54	189	81	270	540
VENTURA	11,340	891	3,348	54	81	108	0	0	0	27	54
YOLO	39,150	3,510	11,097	0	0	0	0	0	81	216	459
YUBA	9,936	999	3,078	162	27	108	0	0	486	756	2,349
UNKNOWN	39,987	2,376	10,017	351	216	702	108	216	0	270	783
TOTAL	1,651,590	111,807	427,437	28,674	10,152	26,595	6,183	23,166	10,611	25,839	87,372

\* San Francisco not listed because no hunting allowed in county.

TABLE 9 (continued)

STATEWIDE BAG, HUNTERS, DAYS - 1990

	PHEASANT		QUAIL		CHUKAR PARTRIDGE		CROW	
	BAG	HUNTERS	BAG	HUNTERS	BAG	HUNTERS	BAG	HUNTERS
ALAMEDA	27	54	5,751	459	0	0	0	0
ALPINE	108	27	1,836	270	0	0	0	0
AMADOR	324	81	11,691	1,080	351	135	27	27
BUTTE	25,731	5,427	16,254	1,917	594	54	162	108
CALAVARAS	837	135	14,499	1,431	162	54	81	27
COLUSA	32,211	1,830	3,213	810	1,954	189	216	324
CONTRA COSTA	4,617	1,215	1,620	216	0	0	1,350	27
DEL NORTE	54	27	1,242	162	0	0	0	0
EL DORADO	54	54	11,610	1,755	135	27	0	0
FRESNO	5,535	3,537	59,751	5,184	1,566	486	972	621
GLENN	16,848	4,185	3,321	783	0	0	2,430	54
HUMBOLDT	0	0	12,906	1,242	0	0	27	27
IMPERIAL	2,916	2,241	17,847	2,457	54	27	0	0
INYO	162	189	8,127	1,458	1,674	1,134	0	0
KERN	3,942	2,187	74,655	7,722	3,969	1,863	189	1,161
KINGS	1,809	1,026	4,077	567	27	27	135	54
LAKE	27	81	12,987	1,539	0	0	27	81
LASSEN	3,429	1,161	16,578	1,944	10,989	2,700	135	243
LOS ANGELES	432	108	23,949	3,321	621	297	13,257	189
MADERA	891	567	21,519	1,485	243	54	675	27
MARIN	540	81	2,268	297	0	0	0	0
MARIPOSA	0	0	12,771	1,269	162	27	0	0
MENDOCINO	108	81	26,352	3,321	0	0	0	81
MERCED	9,072	3,780	4,266	891	406	135	4,725	1,215
MODOC	2,727	1,242	10,909	1,053	1,431	297	135	27
MONO	0	0	2,727	594	216	243	0	0
MONTEREY	486	54	43,038	4,239	756	135	162	162
NAPA	0	0	7,047	891	0	0	108	27
NEVADA	189	54	5,806	972	216	54	0	0
ORANGE	54	27	216	108	0	0	0	0

PLACER	5,758	1,728	8,694	7,668	1,512	7,425	810	81	729	27	27	27
PLUMAS	108	54	27	11,070	1,755	11,151	513	162	513	270	27	135
RIVERSIDE	1,755	432	918	32,238	3,996	17,928	2,511	216	1,107	5,724	297	1,107
SACRAMENTO	15,849	5,427	20,088	2,052	378	999	270	54	108	81	54	54
SAN BENITO	243	162	216	11,799	1,269	5,481	1,971	324	1,242	0	0	0
SAN BERNARDINO	162	108	297	40,014	5,508	31,347	2,214	1,782	5,562	17,145	243	3,051
SAN DIEGO	0	27	81	16,956	2,592	14,121	0	0	0	81	135	1,161
SAN JOAQUIN	18,657	5,670	25,812	5,886	1,026	3,510	1,620	162	486	7,614	486	4,860
SAN LUIS OBISPO	54	54	54	45,360	3,969	22,248	324	135	216	1,242	216	2,160
SAN MATEO	0	0	0	4,698	243	1,026	0	0	0	0	0	0
SANTA BARBARA	108	27	54	28,944	2,727	16,254	594	162	189	594	81	54
SANTA CLARA	432	189	864	10,422	891	5,427	702	81	216	0	0	0
SANTA CRUZ	0	0	0	3,051	270	1,620	0	0	0	0	0	0
SHASTA	459	378	1,026	35,073	3,807	24,894	162	27	27	162	54	54
SIERRA	54	27	27	3,942	756	2,916	162	54	108	0	0	0
SISKIYOU	3,807	2,187	6,480	30,402	3,672	29,241	810	108	216	162	54	270
SOLANO	16,767	4,455	16,983	864	189	405	1,566	189	243	0	0	0
SONOMA	702	405	1,188	7,155	810	3,186	405	54	135	135	81	216
STANISLAUS	7,452	2,997	14,337	9,531	1,026	4,698	216	108	216	21,978	567	3,942
SUTTER	20,655	5,508	27,270	2,511	459	1,080	378	54	135	540	27	270
TEHAMA	1,404	918	2,565	22,194	2,565	9,477	0	0	0	675	108	594
TRINITY	0	27	216	17,307	2,025	20,365	0	0	0	27	27	27
TULARE	2,997	1,620	6,075	19,575	2,187	11,826	0	54	54	2,241	135	3,618
TUOLUMNE	216	135	81	19,251	2,322	19,278	216	27	54	270	27	0
VENTURA	216	54	135	19,143	2,241	19,224	729	135	270	270	81	135
YOLO	23,706	15,616	31,266	3,483	729	3,780	0	0	0	594	54	405
YUBA	4,995	1,296	5,535	3,645	621	2,187	0	0	0	0	0	0
UNKNOWN	2,430	1,107	3,024	12,501	1,701	8,829	2,025	405	1,215	513	54	189
TOTAL	242,136	76,059	323,082	865,728	100,683	577,962	43,794	12,312	43,443	85,158	4,347	31,995

\* San Francisco not listed because no hunting allowed in county.

TABLE 9 (continued)

STATEWIDE BAG, HUNTERS, DAYS - 1990

	JACKRABBIT		COTTONTAIL		TREE SQUIRREL		DUCKS	
	BAG	HUNTERS	BAG	HUNTERS	BAG	HUNTERS	BAG	HUNTERS
ALAMEDA	216	81	108	108	0	0	9,936	378
ALPINE	27	54	0	54	459	216	1,026	81
AMADOR	1,404	189	108	108	1,269	324	1,990	135
BUTTE	5,238	675	405	108	5,724	1,188	86,454	5,184
CALAVARAS	1,053	135	891	162	3,348	864	1,242	135
COLUSA	8,181	783	405	243	1,350	405	146,313	9,180
CONTRA COSTA	648	81	0	0	189	54	25,326	1,350
DEL NORTE	0	0	27	27	189	135	7,128	648
EL DORADO	189	81	297	81	6,642	1,323	135	54
FRESNO	10,017	1,188	14,499	1,728	9,234	1,728	41,688	3,375
GLENN	4,860	513	270	162	1,917	432	27,675	2,214
HUMBOLDT	675	270	54	54	1,161	432	16,011	918
IMPERIAL	3,483	648	7,128	1,053	162	27	33,939	3,402
INYO	1,917	567	2,376	675	351	27	6,183	1,080
KERN	24,651	2,970	14,553	3,321	6,372	2,025	13,581	1,782
KINGS	1,647	324	2,997	432	0	0	4,239	459
LAKE	1,674	351	162	162	3,348	891	2,295	351
LASSEN	38,421	1,620	9,774	1,782	1,755	567	15,903	1,809
LOS ANGELES	3,429	1,053	3,564	1,053	81	54	1,431	162
MADERA	3,861	216	8,154	567	918	432	7,695	702
MARIN	1,593	135	54	27	108	54	2,376	270
MARIPOSA	702	135	1,998	270	2,700	702	0	0
MENDOCINO	1,269	513	81	162	4,293	1,134	4,455	432
MERCED	7,047	1,026	7,371	1,296	0	27	138,672	6,831
MOODOC	15,147	1,080	4,941	810	1,134	324	27,135	2,943
MONO	5,130	297	1,566	216	0	27	3,915	621
MONTEREY	9,930	729	8,181	1,674	3,078	972	7,236	540
MAPA	8,181	324	81	27	1,134	324	4,104	378
NEVADA	54	81	351	135	810	378	783	324
ORANGE	54	27	162	81	0	0	0	0

PLACER	810	324	1,026	270	162	2,376	2,592	891	4,968	8,829	540	6,102
PLUMAS	1,161	108	999	459	162	945	2,106	594	2,187	4,752	621	5,157
RIVERSIDE	6,480	1,296	9,261	9,558	1,863	13,554	27	27	27	20,655	1,485	11,340
SACRAMENTO	2,268	513	2,673	702	216	594	162	162	432	22,626	1,971	14,499
SAN BENITO	729	135	567	2,295	432	1,809	5,670	108	540	1,674	54	567
SAN BERNARDINO	16,524	2,754	18,954	14,742	2,862	17,334	567	189	459	594	216	648
SAN DIEGO	2,592	891	4,752	5,751	1,431	7,101	0	27	54	6,237	432	1,998
SAN JOAQUIN	10,989	1,161	20,979	3,348	621	3,726	567	135	1,134	39,312	2,619	21,600
SAN LUIS OBISPO	2,646	432	837	6,507	1,377	6,426	1,107	297	972	1,620	405	1,836
SAN MATEO	216	27	81	1,134	108	594	54	27	81	3,753	216	2,106
SANTA BARBARA	1,134	297	1,161	3,456	864	5,265	0	54	135	2,619	162	1,836
SANTA CLARA	837	162	2,187	2,403	243	4,968	540	216	891	9,396	513	3,267
SANTA CRUZ	0	0	0	27	27	81	0	0	0	0	0	0
SHASTA	5,373	486	4,833	594	270	1,188	14,256	2,565	19,602	13,743	1,161	9,504
SIERRA	540	81	189	108	27	54	891	243	2,835	594	135	729
SISKIYOU	20,250	999	19,629	2,754	810	3,861	3,915	1,026	7,533	39,501	2,997	25,002
SOLANO	3,321	702	2,268	324	54	135	837	108	243	81,027	4,104	33,777
SOKOMA	12,825	567	7,722	0	0	0	1,809	351	2,214	4,698	513	3,132
STANISLAUS	4,806	567	5,724	3,537	729	4,320	2,943	459	3,186	9,936	999	6,318
SUTTER	5,319	513	6,048	4,108	605	3,726	648	135	675	50,065	2,943	22,491
TEHAMA	4,806	513	5,319	0	0	0	6,318	1,647	6,102	4,374	486	1,323
TRINITY	378	108	594	270	54	162	4,671	1,080	8,073	891	135	648
TULARE	4,968	378	2,997	4,482	513	2,484	4,725	1,215	4,212	2,592	297	1,134
TUOLUMNE	540	108	81	162	162	486	6,334	1,485	7,560	945	81	810
VENTURA	1,485	486	1,377	5,049	837	5,481	81	54	297	2,646	324	1,215
YOLO	7,020	729	5,292	1,890	324	1,620	297	108	432	26,136	1,647	13,446
YUBA	4,050	216	945	1,620	216	378	1,674	297	1,431	21,087	1,593	8,343
UNKNOWN	4,077	783	7,263	4,779	756	5,265	2,511	648	4,860	8,451	1,323	6,345
TOTAL	286,875	31,482	290,628	170,964	32,103	180,198	123,228	29,214	161,487	1,027,647	73,710	564,138

\* San Francisco not listed because no hunting allowed in county.

TABLE 9 (continued)

STATEWIDE BAG, HUNTERS, DAYS - 1990

	GEESE		JACKSNIPES		COOTS		COYOTES	
	BAG	HUNTERS	BAG	HUNTERS	BAG	HUNTERS	BAG	HUNTERS
ALAMEDA	1,323	108	0	0	0	0	2,430	189
ALPINE	27	27	0	0	0	0	54	81
ANADOR	297	81	0	0	0	0	270	270
BUTTE	9,396	2,727	2,862	243	648	81	81	216
CALAVARAS	27	27	0	0	0	27	243	243
COLUSA	15,498	4,779	2,808	378	999	81	351	189
CONTRA COSTA	621	243	54	27	54	27	567	216
DEL NORTE	0	0	0	0	0	54	0	54
EL DORADO	81	54	81	27	27	0	54	243
FRESNO	1,080	702	378	54	81	27	8,235	972
GLEN#	6,426	1,701	189	54	81	108	432	243
HUMBOLDT	351	162	1,539	135	594	54	54	243
IMPERIAL	5,751	2,160	270	54	378	162	351	270
INYO	1,944	729	270	108	972	27	513	459
KERN	1,188	297	297	81	324	135	2,754	1,485
KINGS	432	216	27	27	27	27	189	135
LAKE	0	0	0	0	0	0	243	324
LASSEN	11,502	1,890	783	27	405	27	2,646	1,323
LOS ANGELES	27	27	0	0	0	0	837	702
MADERA	1,296	216	0	0	0	0	1,242	189
MARIN	0	0	0	0	0	0	594	189
MARIPOSA	378	54	0	0	0	0	243	216
MENDOCINO	0	0	0	27	54	27	189	405
MERCED	4,428	2,511	3,132	297	2,160	351	729	351
MODOC	10,638	2,997	0	27	108	0	2,025	1,161
MONO	2,187	567	108	81	135	0	162	243
MONTEREY	0	27	1,026	54	1,161	0	432	459
MAPA	108	108	162	54	405	27	162	243
NEVADA	351	324	0	0	0	27	54	135
ORANGE	0	0	0	0	0	0	54	162

PLACER	1,620	378	4,023	189	27	27	0	0	0	594	297	1,944
PLUMAS	729	459	2,673	0	0	0	540	27	27	594	378	12,177
RIVERSIDE	1,755	1,134	5,211	243	27	81	1,647	189	486	1,890	8,371	15,795
SACRAMENTO	2,403	1,107	8,235	540	27	54	0	27	108	54	162	702
SAN BENITO	27	27	27	0	0	0	0	0	0	918	243	6,939
SAN BERNARDINO	1026	486	1,863	0	0	0	405	27	189	2,268	1,404	14,175
SAN DIEGO	108	135	405	81	27	81	1,134	81	135	756	675	4,050
SAN JOAQUIN	1,269	837	8,046	1,917	135	756	567	162	729	810	594	4,914
SAN LUIS OBISPO	81	54	594	216	81	135	0	0	0	1,053	378	11,907
SAN MATEO	0	27	378	0	0	0	0	0	0	216	27	189
SANTA BARBARA	324	81	216	0	0	0	0	0	0	1,026	486	3,294
SANTA CLARA	0	0	0	0	0	0	0	0	0	378	243	1,728
SANTA CRUZ	0	0	0	162	27	27	0	0	0	0	0	0
SHASTA	2,538	918	5,913	162	27	0	54	27	135	1,566	972	14,553
SIERRA	216	108	270	0	0	0	0	0	0	432	81	27
SISKIYOU	10,881	2,511	21,438	405	81	135	0	0	0	3,024	1,134	5,400
SOLANO	1,917	783	8,154	945	81	297	27	27	54	891	378	7,371
SONOMA	54	54	486	783	135	243	0	0	0	1,188	648	5,319
STANISLAUS	918	324	2,268	27	27	27	1,026	54	297	513	486	3,726
SUTTER	3,402	1,350	13,932	162	54	432	216	27	405	54	54	1,350
TEHAMA	406	216	270	270	54	54	0	0	0	648	648	3,618
TRINITY	0	0	0	0	0	0	0	27	54	351	270	1,998
TULARE	189	162	783	0	0	0	0	0	0	189	486	2,133
TUOLUMNE	81	27	81	0	0	0	0	0	0	810	432	2,403
VENTURA	0	27	108	540	27	108	0	0	0	486	378	2,322
YOLO	1,971	702	6,399	135	54	189	270	27	54	2,295	378	5,805
YUBA	972	540	3,699	0	27	81	135	54	108	0	108	540
UNKNOWN	1,431	702	3,645	2,079	54	432	27	27	27	324	297	13,662
TOTAL	109,674	35,883	306,963	22,842	2,727	11,772	11,691	2,052	10,233	49,518	24,084	272,349

\* San Francisco not listed because no hunting allowed in county.

TABLE 9 (continued)

STATEWIDE BAG, HUNTERS, DAYS - 1990

	BOBCAT		DEER		WILD PIG		BEAR	
	BAG	HUNTERS	BAG	HUNTERS	BAG	HUNTERS	BAG	HUNTERS
ALAMEDA	0	27	918	2,133	351	702	0	27
ALPINE	0	0	891	6,345	0	0	0	81
AMADOR	0	0	378	3,402	0	27	0	54
BUTTE	0	0	459	4,077	243	324	27	135
CALAVARAS	0	0	621	5,022	27	135	0	162
COLUSA	27	27	351	1,593	324	486	0	27
CONTRA COSTA	27	27	162	351	27	81	0	0
DEL NORTE	0	0	378	1,485	0	0	0	216
EL DORADO	0	0	1,026	10,179	0	27	0	351
FRESNO	216	108	891	7,938	486	2,646	27	567
GLENN	0	0	594	3,348	54	216	0	135
HUMBOLDT	0	27	1,917	4,293	729	675	27	513
IMPERIAL	0	0	0	486	0	0	0	0
INYO	0	81	378	4,725	0	27	54	243
KERN	0	162	1,161	8,019	459	459	27	621
KINGS	0	0	81	864	297	837	27	81
LAKE	0	0	1,350	6,129	675	1,998	27	1,809
LASSEN	0	0	3,051	15,282	54	54	27	162
LOS ANGELES	27	135	567	7,047	567	837	0	216
MADERA	27	27	216	2,889	54	270	0	324
MARIN	0	27	756	1,458	0	54	0	0
MARIPOSA	0	54	297	2,025	27	108	81	270
MENDOCINO	27	135	5,184	15,741	7,965	6,723	108	864
MERCED	0	0	0	675	216	459	0	0
MOCC	27	27	4,023	16,499	27	54	0	81
MONO	0	27	1,836	7,209	27	27	0	54
MONTEREY	0	54	2,700	8,154	7,641	9,207	0	0
NAPA	27	27	1,404	3,402	378	810	27	27
NEVADA	0	27	918	5,562	0	108	27	54
ORANGE	0	0	27	216	0	0	0	0
			783					

