

Sacramento, CA 95814

REPORT OF THE 1984 GAME TAKE HUNTER SURVEY

Hunter game take questionnaires were mailed to 20,195 hunting licensees in January 1985. Two follow-up mailings were made to nonrespondents; the first approximately four weeks, and second approximately eight weeks after the initial mailing. One thousand eighty-four questionnaires were returned undelivered making a total possible response of 19,111. This was a randomly selected sample of 4 percent of the estimated 509,000 hunting license purchasers in 1984.

Fourteen thousand one hundred eighty-one (14,181) usable questionnaires were returned, a response of 70 percent. The survey indicated that there was hunting effort by about 510,084 hunting licensees who spent about 7,090,560 days in the field.

For the past several years, follow-up mailings to nonrespondents have significantly increased response percentage. The increase in response 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 principal 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.

<u>Hunters From License Sales</u>	<u>1983</u>	<u>1984*</u>	<u>% Change From 1983</u>
Hunting Licenses	533,728	509,000	-5
Deer Hunters (applications)	278,906	241,771	-13
Deer Tags	355,581	317,855	-11
Bear Tags	14,378	9,173	-36
Federal Duck Stamps	110,546	107,090	-3
State Duck Stamps	106,806	86,522	-19

*Estimates

HUNTING REGULATION CHANGES

Sage Grouse

The sage grouse season was closed in 1984.

Sierra/Ruffed Grouse

Pistols and revolvers may be used during the rifle season.

Shooting hours - One day to sunset.

One turkey per day, one in possession, 30 season limit.

Bear

No early rifle season in Little River Drainage.

Bobcat

Season limit increased to five.

Deer

B4 - New zone.

D2 - Rifle season lengthened two weeks.

D7 - Rifle season shortened by one week.

D14 - Split season combined into one.
Rifle season shortened to 30 days.

X10 - Archery season established for Periods 2 and 3.

X11 - Previously zone D2x.

Special Hunts

Goodale hunt was held, Tejon Ranch was not.

S9 Tenaja - Permits reduced to 250.

S10 Camp Pendleton - Permits reduced to 60.

S13 Gray Lodge Archery - Permits reduced to 30.

S17 Santa Barbara muzzle-loading hunt type changed to either sex.

S18 Ventura County muzzle-loading hunt type changed to either sex.

S20 San Luis Obispo muzzle-loading hunt type changed to either sex.

New Hunts

S15 Bass Hill

S16 Sherwin Grade

S21 Monterey County

Ducks

Limit changed to five per day; ten in possession.

limit changed to three per day, three in possession in balance of state and northeastern California portions.

The following tables are contained in this report:

Table 1 - Bag and Hunter Effort by Species
Upland Game
Waterfowl
Big Game

Table 2 - Summary of Statewide Bag - 1984.

Table 3 - Reported Hunting License and Tag Sales, Hunter Harvest and Effort - 1970-1984.

Table 4 - Statewide Hunters - 1971-1984.

Table 5 - Game Bag, Ten Leading Counties - 1984 (Pheasants, Quail, Doves, Band-tailed Pigeons, Jack Rabbits, Cottontail/Brush Rabbits, Ducks and Geese).

Table 6 - Regional Game Bag, Major Species - 1984.

Table 7 - Distribution of Hunter Effort by Game Species - 1984.

Table 8 - Hunter Success Summary - 1960-1984.

Table 9 - Statewide Bag, Hunters, and Hunter Days
Upland Game
Upland Game/Other
Waterfowl
Big Game/Totals - All Species

Table 10- Mailing and Return of Questionnaires

It is important to note that statistical biases are inherent in this survey and that the principal value of its bag figures is trend indication. Total respondents represent only about 3.0 percent of all hunting license buyers; consequently, those species of game which attract smaller numbers of hunters can be greatly affected by sampling bias. For all species, the use of this survey should be limited to determining long-range trends in most cases.

The estimated total hunting license sales divided by the number of questionnaires returned provides the projection factor for calculating total figures. The projection factor used for the 1984 hunter survey calculations was 36.

BAG AND HUNTER EFFORT BY SPECIES

UPLAND GAME

<u>PHEASANTS</u>	<u>1983</u>	<u>1984</u>	<u>% Change from 1983</u>
Statewide Bag	442,200	379,440	-14.2
Hunters Reported	137,220	146,808	+7.0
Average Seasonal Bag	3.2	2.6	-18.8
Total Days Hunted	555,860	544,140	-2.1
Average Days Hunted	4.0	3.7	-7.5

QUAIL

Statewide Bag	1,410,220	1,004,436	-28.8
Hunters Reported	145,310	133,992	-7.8
Average Seasonal Bag	9.7	7.5	-22.7
Total Days Hunted	718,520	606,024	-15.7
Average Days Hunted	4.9	4.5	-8.2

DOVES

Statewide Bag	2,738,660	2,551,572	-6.9
Hunters Reported	175,350	173,160	-1.3
Average Seasonal Bag	15.6	14.7	-5.8
Total Days Hunted	757,800	675,720	-10.9
Average Days Hunted	3.6	3.9	+8.4

BAND-TAILED PIGEONS

Statewide Bag	153,590	125,892	-18.1
Hunters Reported	25,350	25,812	+1.9
Average Seasonal Bag	6.0	4.9	-18.4
Total Days Hunted	84,230	79,956	-5.1
Average Days Hunted	3.3	3.1	-6.1

CHUKAR PARTRIDGE

Statewide Bag	67,850	42,408	-37.5
Hunters Reported	19,230	19,260	+0.2
Average Seasonal Bag	3.5	2.2	-37.2
Total Days Hunted	78,110	62,244	-20.4
Average Days Hunted	4.1	3.2	-22.0

SAGE GROUSE

Statewide Bag	Season	Season
Hunters Reported	Closed	Closed
Average Seasonal Bag		
Total Days Hunted		
Average Days Hunted		

Statewide Bag	4,320	7,668	+77.5
Hunters Reported	5,200	5,727	+10.2
Average Seasonal Bag	1.2	1.3	+8.4
Total Days Hunted	18,120	19,188	+5.9
Average Days Hunted	3.5	3.4	-2.9

JACK RABBITS

Statewide Bag	569,850	527,616	-7.5
Hunters Reported	64,630	60,480	-6.5
Average Seasonal Bag	8.8	8.7	-1.2
Total Days Hunted	563,130	600,660	+6.3
Average Days Hunted	8.7	9.9	+13.8

COTTONTAIL/BRUSH RABBITS

Statewide Bag	441,690	462,024	+4.6
Hunters Reported	67,850	64,548	-4.9
Average Seasonal Bag	6.5	7.2	+10.8
Total Days Hunted	429,590	383,544	-10.8
Average Days Hunted	6.3	5.9	-6.4

TREE SQUIRRELS

Statewide Bag	141,400	116,064	-18.0
Hunters Reported	38,360	32,940	-14.2
Seasonal Bag	3.7	3.5	-5.4
Total Days Hunted	199,090	176,940	-11.2
Average Days Hunted	5.2	5.4	+3.9

WILD TURKEY

Statewide Bag	4,050	5,652	+39.6
Hunters Reported	13,110	16,092	+22.8
Average Seasonal Bag	0.3	0.4	+33.4
Total Days Hunted	46,090	53,280	+15.6
Average Days Hunted	3.5	3.3	-5.8

WATERFOWL

<u>DUCKS</u>	<u>1983</u>	<u>1984</u>	<u>% Change From 1983</u>
Statewide Bag	1,741,050	1,566,324	-10.1
Hunters Reported	113,070	131,940	+16.7
Average Seasonal Bag	15.4	11.9	-22.8
Total Days Hunted	902,240	883,764	-2.1
Average Days Hunted	8.0	6.7	-16.3

Statewide Bag	160,630	145,152	-9.7
Hunters Reported	54,510	58,104	+6.6
Average Seasonal Bag	3.0	2.5	-16.7
Total Days Hunted	394,820	352,440	-10.8
Average Days Hunted	7.3	6.1	-16.5

BIG GAME

<u>DEER (Hunter Survey)</u>	<u>1983</u>	<u>1984</u>	<u>% Change From 1983</u>
Statewide Bag	51,800	57,492	+11.0
Hunters Reported	361,330	286,884	-20.6
Total Days Hunted	2,320,100	1,851,768	-20.2
Average Days Hunted	6.4	6.5	+1.6

DEER (Tag Returns)

Statewide Bag	26,886	32,190	+19.8
Deer Tag Sales	350,731	317,855	-9.4

The statewide deer and bear take is estimated both by tag returns and by the Hunter Survey Questionnaire. Actual kill should fall between the two estimates.

<u>BEAR (Hunter Survey)</u>	<u>1983</u>	<u>1984</u>	<u>% Change From 1983</u>
Statewide Bag	970	1,116	+15.1
Hunters Reported	13,850	11,880	-14.3
Total Days Hunted	70,660	60,372	-14.6
Average Days Hunted	5.1	5.1	None

BEAR (Tag Returns)

Statewide Bag	601	770	+28.2
Bear Tag Sales	11,332	9,173	-19.1

WILD PIGS

Statewide Bag	35,600	40,392	+13.5
Hunters Reported	39,380	36,108	-8.3
Total Days Hunted	224,340	252,648	+12.6
Average Days Hunted	5.7	7.0	+22.8

Species	Yearly Average 1976-1980	1983	1984	% Change From 1983
Pheasant	532,350	442,200	379,440	-14
Quail	1,799,010	1,410,220	1,004,440	-29
Dove	3,361,600	2,738,660	2,551,570	-7
Chukar Partridge	88,070	67,850	42,410	-38
Sage Grouse	4,580	Season	Closed	
Sierra/Ruffed Grouse	9,240	4,320	7,670	+78
Band-Tailed Pigeons	140,750	153,590	125,890	-18
Wild Turkeys	2,600	4,050	5,650	+40
Jack Rabbits	807,330	569,850	527,620	-8
Cottontail/Brush Rabbits	544,110	441,690	462,020	+5
Tree Squirrels	240,190	141,400	116,060	-18
Ducks	2,955,290	1,741,050	1,566,320	-10
Geese	185,330	160,630	145,150	-10
Jacksnipe	68,600	22,500	43,850	+95
Coots	309,060	161,460	145,760	+10
Deer (Hunter Survey)	73,170	51,800	57,490	+11
Deer (Tag Returns)	33,230	26,886	32,190	+20
Bear (Hunter Survey)	2,090	970	1,120	+15
Bear (Tag Returns)	600	601	770	+28
Wild Pigs	28,460	35,600	40,390	+14

REPORTED HUNTING LICENSE AND TAG SALES, HUNTER HARVEST AND EFFORT - 1970-1984

1975 - This was the first year that follow-up questionnaires were sent. This resulted in smaller, but more accurate estimates of kill from this year forward.

1978 - This was the first year that the deer tag option was established.

TABLE 4
STATEWIDE HUNTERS

	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982		1984
Deer (Applications Sold)	380,000	353,300	387,400	352,426	322,413	324,000	349,000	287,900	283,897	294,400	299,217	306,770	2	184
Deer (Hunter Survey)	375,200	337,100	382,700	361,500	326,000	334,700	337,400	295,100	291,100	304,950	385,500	364,000	3	1,771
Bear (Applications Sold)	26,000	24,300	30,528	30,273	27,322	29,395	26,150	16,745	21,847	27,347	31,486	25,859		1,884
Bear (Hunter Survey)	20,600	20,200	32,500	31,000	25,700	25,500	26,900	19,600	19,500	20,810	22,530	19,880		1,173
Wild Pigs	22,400	23,700	29,300	32,200	30,500	28,600	32,100	27,800	23,900	27,900	32,780	31,610		1,880
Pheasants	227,900	197,200	212,900	228,900	205,400	183,700	172,000	155,500	144,500	146,760	132,200	123,240	1	1,108
Quail	181,500	156,400	173,700	189,400	175,300	152,800	151,200	141,400	147,100	150,580	151,330	125,250		1,808
Doves	242,600	226,300	252,100	255,100	236,600	202,600	203,600	184,200	187,400	189,030	206,020	204,970	1	1,992
Chukar Partridge	21,500	15,900	20,600	28,300	22,900	16,300	17,500	19,900	26,100	26,920	16,280	13,870	1	1,160
Sierra and Ruffed Grouse	4,700	4,800	8,400	8,500	6,300	5,900	5,900	6,600	6,600	7,050	6,330	5,850		1,260
Sage Grouse	10,100	7,600	5,500	6,000	4,600	5,000	3,900	4,400	5,000	5,670	5,770	4,370		1,724
Band-tailed Pigeons	38,000	50,900	39,400	38,600	26,800	18,300	24,500	22,000	25,400	24,510	29,970	22,760		1,850
Jack Rabbits	120,100	105,500	112,200	114,500	100,800	84,900	83,400	76,300	80,400	79,380	73,300	61,670		1,812
Cottontail/Brush Rabbit	89,600	76,700	89,200	104,200	93,300	74,600	73,700	64,300	78,000	79,980	72,780	58,670		1,548
Tree Squirrels	58,700	58,800	59,000	55,600	49,700	54,900	63,900	52,400	43,800	43,690	52,610	42,140		2,940
Ducks	204,000	176,200	196,100	204,700	174,300	158,600	146,300	131,200	124,200	114,590	119,990	105,830	1	1,940
Geese	86,300	79,300	93,600	87,200	67,900	68,500	60,900	56,900	48,100	48,890	49,000	48,100		3,104
Coots	31,000	29,800	36,100	38,300	33,800	25,000	19,100	19,800	18,700	17,540	14,210	11,660		2,636
Jacksnipe	11,400	10,200	11,300	14,700	13,900	11,100	8,700	10,100	9,600	7,570	5,250	4,900		5,076
Wild Turkey	3,900	5,500	7,300	9,900	9,300	10,500	9,800	7,100	6,000	10,240	12,730	13,790		5,092

TABLE 5

<u>PHEASANTS</u>	<u>% OF STATE TOTAL</u>	<u>POSITION 1983</u>	<u>JACK RABBITS</u>	<u>% OF STATE TOTAL</u>	<u>POSITION 1983</u>
1. Yolo	8.8	1	1. Kern	19.8	1
2. Butte	8.6	2	2. San Bernardino	10.4	2
3. Colusa	8.5	4	3. Lassen	7.8	3
4. San Joaquin	8.5	9	4. Riverside	5.8	6
5. Sutter	7.1	3	5. San Joaquin	4.4	4
6. Solano	6.8	8	6. Fresno	3.9	8
7. Sacramento	6.3	5	7. Los Angeles	3.6	7
8. Stanislaus	5.8	11	8. Merced	3.5	9
9. Merced	4.9	6	9. Monterey	3.3	19
10. Glenn	4.6	7	10. Siskiyou	2.5	15
All Others	30.1		All Others	35.0	
<u>QUAIL</u>			<u>RABBITS (COTTONTAIL/BRUSH)</u>		
1. Kern	9.3	1	1. Kern	17.6	1
2. Riverside	7.7	2	2. San Bernardino	11.6	2
3. San Bernardino	6.7	3	3. Riverside	10.4	3
4. San Diego	4.4	9	4. Ventura	9.3	6
5. Los Angeles	4.4	8	5. San Diego	7.5	4
6. San Luis Obispo	4.1	5	6. Santa Barbara	5.3	8
7. Monterey	4.1	4	7. Los Angeles	4.1	3
8. Santa Barbara	4.0	6	8. Monterey	3.8	5
9. Shasta	3.9	13	9. Imperial	3.2	13
10. Imperial	3.3	10	10. San Luis Obispo	2.5	10
All Others	48.1		All Others	24.7	
<u>DOVES</u>			<u>DUCKS</u>		
1. Imperial	12.3	1	1. Merced	14.2	1
2. Kern	9.9	2	2. Colusa	11.3	2
3. Fresno	8.8	3	3. Solano	7.5	5
4. Riverside	6.9	4	4. Butte	6.9	3
5. Tulare	5.7	5	5. Sutter	4.5	4
6. Merced	3.4	9	6. Glenn	4.1	6
7. San Bernardino	3.3	7	7. Fresno	3.9	10
8. Butte	3.2	10	8. Imperial	3.8	8
9. Stanislaus	2.7	11	9. Siskiyou	3.3	7
10. Kings	2.5	8	10. San Joaquin	3.3	11
All Others	41.3		All Others	37.2	
<u>BAND-TAILED PIGEONS</u>			<u>GEESE</u>		
1. Monterey	17.2	1	1. Colusa	18.8	1
2. San Luis Obispo	15.3	3	2. Glenn	12.2	4
3. Shasta	13.1	2	3. Imperial	10.1	7
4. Siskiyou	7.2	4	4. Lassen	7.5	9
5. Santa Barbara	3.7	19	5. Modoc	7.5	5
6. Trinity	3.7	7	6. Butte	6.6	3
7. Mendocino	3.7	5	7. Siskiyou	6.2	6
8. San Diego	3.6	9	8. Merced	3.4	2
9. Humboldt	3.0	20	9. Shasta	3.2	22
10. Santa Cruz	2.6	15	10. Sutter	3.1	8
All Others	26.9		All Others	21.4	

(Percentage of State Bag)

	<u>Pheasants</u>		<u>Quail</u>		<u>Doves</u>		<u>Jack Rabbits</u>		<u>Cottontail</u>		<u>Ducks</u>	
	<u>1983</u>	<u>1984</u>	<u>1983</u>	<u>1984</u>	<u>1983</u>	<u>1984</u>	<u>1983</u>	<u>1984</u>	<u>1983</u>	<u>1984</u>	<u>1983</u>	<u>1984</u>
Region 1	9	5	13	15	5	6	14	14	6	3	12	10
Region 2	61	65	11	10	18	19	16	14	5	4	46	46
Region 3	4	4	19	18	9	9	8	10	10	8	7	9
Region 4	22	20	23	20	38	35	33	32	31	28	25	23
Region 5	3	5	33	35	29	29	28	27	46	55	10	10
Unknown	<u>1</u>	<u>1</u>	<u>1</u>	<u>2</u>	<u>1</u>	<u>2</u>	<u>1</u>	<u>3</u>	<u>2</u>	<u>2</u>	<u>-</u>	<u>1</u>
	100	100	100	100	100	100	100	100	100	100	100	100

*See annual deer report for deer statistics.

Species	Number of Individual Hunters			Percent of		
	Successful	Unsuccessful	Total	Successful	Unsuccessful	Total
Deer	53,380	233,500	286,880	10	46	56
Bear	1,120	10,760	11,880	0.3	2	2
Wild Pig	14,010	22,100	36,110	3	4	7
Coyote	15,590	13,790	29,380	3	3	6
Bobcat	1,330	2,630	3,960	0.3	0.6	1
Crow	8,420	1,300	9,720	2	0.3	2
Pheasant	92,880	53,930	146,810	18	11	29
Chukar Partridge	8,350	10,910	19,260	2	2	4
Quail	98,000	36,000	134,000	19	7	26
Doves	153,070	20,090	173,160	30	4	34
Band-tailed Pigeons	18,030	7,780	25,810	4	2	5
Sierra/Ruffed Grouse	3,090	2,630	5,720	0.6	0.8	1
Jack Rabbits	52,160	8,320	60,480	10	2	12
Tree Squirrels	26,100	6,840	32,940	5	1	7
Cottontail/ Brush Rabbits	53,810	11,740	65,550	11	2	13
Wild Turkeys	4,750	11,340	16,090	1	2	3
Ducks	106,440	25,500	131,940	21	5	26
Geese	32,500	25,600	58,100	6	5	11
Jack Snipe	4,540	540	5,080	1	0.1	1
Coots	11,780	860	12,640	2	0.2	3

Total Individual Hunters - 510,084

Due to one hunter often hunting multiple species, percent totals exceed 100% and hunter numbers exceed the total number of individual hunters reported.

As Reported by Hunter Survey Respondents
(In Percent)

	<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

TABLE 9

STATEWIDE BAG, HUNTERS, AND HUNTER DAYS-UPLAND GAME

COUNTY	DOVES			PIGEON			RUFFED GROUSE			TURKEY		
	BAG	HUNTERS	DAYS	BAG	HUNTERS	DAYS	BAG	HUNTERS	DAYS	BAG	HUNTERS	DAYS
ALAMEDA	19,296	1,224	4,572	216	36	72	216	144	540	36	216	
ALPINE		36	36									
AMADOR	7,668	1,008	2,556	1,080	144	1,080						
BUTTE	80,640	5,364	24,552	1,440	612	3,456						
CALAVARAS	12,132	756	5,292	144	72	1,080				144	36	180
COLUSA	41,724	3,060	13,248	180	36	1,080				180	720	2,340
CONTRA COSTA	19,512	2,052	7,884	108	36	36					432	3,492
DEL NORTE		36	72	1,080	180	900					108	216
EL DORADO	6,624	792	2,340	1,224	576	1,224						
FRESNO	223,452	11,052	48,960	1,188	288	1,404				108	792	3,708
GLENN	51,696	3,420	13,824	756	180	576				36	72	144
HUMBOLDT	1,872	180	432	3,780	756	4,356				216	36	72
IMPERIAL	313,632	17,136	60,660							2,052	36	36
INYO	23,868	1,980	9,360	216	36	180				144	180	396
KERN	252,504	15,984	60,264	2,628	1,512	3,744						
KINGS	62,100	3,060	9,900									
LAKE	10,620	1,008	3,204	396	216	288						
LASSEN	20,916	1,548	5,760	684	72	180				36	108	252
LOS ANGELES	31,140	3,672	11,808	1,260	792	1,152				252	108	72
MADERA	52,992	3,204	9,576	1,332	252	864						
MARIN	2,988	252	756	144	36	72				36	36	72
MARIPOSA	5,004	360	1,260	4,608	792	2,304				612	360	684
MENDOCINO	12,960	504	2,340	324	108	180				216	144	252
MERCED	85,032	6,192	20,268							504	36	180
MODOC	7,164	684	4,500							144	288	540
MONO	396	252	504									
MONTREY	39,528	3,240	11,844	21,600	3,924	11,304				72	216	468
NAPA	17,280	1,008	4,500	468	36	108					36	36
NEVADA	1,872	288	648	936	108	432				504	1,368	4,716
ORANGE	5,724	720	2,916									
PLACER	22,140	1,548	5,184	2,772	468	2,412						
PLUMAS	3,528	396	2,196	396	180	396				36	216	432
RIVERSIDE	174,456	12,780	45,548	360	468	1,116				468	1,008	3,024
SACRAMENTO	44,496	3,492	14,796	144	144	216						
SAN BENITO	12,636	1,152	3,708	72	108	72				180	216	72
SAN BERNARDINO	83,592	6,444	25,452	864	252	360						
SAN DIEGO	51,696	3,240	15,444	4,428	1,440	2,700						
SAN JOAQUIN	83,952	6,264	27,432	900	216	1,116				72	72	648
SAN LUIS OBISPO	43,236	2,880	10,044	19,152	2,232	7,200				612	1,332	3,492
SAN MATEO	684	144	468	108	36	36						
SANTA BARBARA	23,580	2,088	9,252	4,644	864	4,788						
SANTA CLARA	18,252	1,152	3,672	504	72	360				144	144	180
SANTA CRUZ	8,640	720	3,420	3,276	468	1,368						
SHASTA	33,840	3,528	13,680	16,416	2,268	8,388				72	3,456	12,852
SIERRA				720	144	828				288	36	108
SISKIYOU	28,080	1,908	6,228	9,000	864	3,492				864	108	504
SOLANO	24,696	2,124	12,888	216	72	216						
SONOMA	22,104	1,404	6,012	1,224	324	576						
STANISLAUS	66,744	4,680	21,708	2,376	288	1,908				36	144	324
SUTTER	36,720	2,880	8,964							36	36	108
TEHAMA	55,692	3,600	14,184	1,044	360	684				720	2,340	6,300
TRINITY	576	252	1,440	4,644	1,044	2,484				900	108	468
TULARE	144,936	7,272	29,916	576	216	216				36	144	324
TUOLUMNE	5,256	540	1,656	1,656	288	864				360	144	252
VENTURA	22,824	2,016	8,892	1,296	1,080	1,656				36	72	792
YOLO	50,580	4,176	13,212	108	72	72						
YUBA	26,028	2,268	9,360	396	144	576						
UNKNOWN	52,272	4,140	16,128	2,772	792	1,980				792	36	72
TOTAL	2,551,572	173,150	675,720	125,892	25,812	79,956				7,668	5,724	19,188
										5,652	16,092	53,280

STATEWIDE BAG, HUNTERS, AND HUNTER DAYS - UPLAND GAME

COUNTY	CROW			PHEASANT			QUAIL			CHUKAR PARTRIDGE		
	BAG	HUNTERS	DAYS	BAG	HUNTERS	DAYS	BAG	HUNTERS	DAYS	BAG	HUNTERS	DAYS
ALAMEDA	36	36	36	1,476	828	2,124	8,244	720	2,736	180	36	108
ALPINE							828	108	288			
AMADOR	2,052	324	1,404	1,152	216	1,080	4,608	684	2,556	144	36	72
BUTTE				32,544	9,360	40,032	10,152	1,980	7,524			
CALAVARAS	612	36	108	72	36	72	14,508	1,296	8,964			
COLUSA	1,044	108	144	32,112	10,152	32,508	4,536	936	2,556			
CONTRA COSTA				4,968	2,088	9,648	2,844	396	1,080			
DEL NORTE				144	108	252	2,052	288	1,260			
EL DORADO				720	108	252	8,424	1,872	7,056		36	288
FRESNO	2,232	396	2,052	12,168	7,848	23,796	28,368	4,356	19,836	468	540	1,368
GLENN	1,548	216	2,016	17,388	6,012	24,084	5,436	720	2,664			
HUMBOLDT	540	108	360	72	108	288	21,600	2,232	18,468			
IMPERIAL	36	36	36	3,564	2,952	12,348	32,544	4,536	22,932	324	72	72
INYO				72	360	828	13,824	2,088	16,452	4,068	2,016	8,712
KERN	3,888	612	6,696	4,932	4,932	14,724	92,844	12,456	49,500	10,332	5,220	17,100
KINGS	468	72	468	3,456	2,196	6,264	4,896	612	2,844		72	324
LAKE		36		144	108	396	11,916	1,836	6,444			
LASSEN				1,728	864	2,088	16,632	1,764	7,956	4,212	1,404	3,564
LOS ANGELES	3,852	432	2,088	1,656	504	576	43,632	7,416	33,012	1,152	576	936
MADERA	324	180	216	4,572	2,556	7,200	11,484	1,260	3,528			
MARIN				3,060	216	1,656	1,620	180	1,008			
MARIPOSA				468	72	576	4,932	864	2,808	288	72	396
MENDOCINO	1,152	216	972	504	108	180	24,012	2,664	13,212		36	72
MERCED	2,160	432	9,756	18,324	8,928	29,628	6,624	1,548	4,068	216	180	252
MODOC				3,420	1,620	6,516	16,200	1,368	6,624	1,620	396	1,008
MONO							1,332	468	1,116	324	288	612
MONTREY	7,920	216	4,680	720	432	1,152	40,572	5,004	19,188			
NAPA	144	72	396	216	216	324	7,560	972	4,680		36	216
NEVADA	360	36	36		36	72	5,976	828	3,960	36	36	72
ORANGE	36	36	36	612	252	396	4,788	720	3,492		36	504
PLACER	108	36	72	12,168	2,484	12,024	10,080	1,512	6,300			
PLUMAS				144	72	324	5,220	936	4,536		36	72
RIVERSIDE	12,132	720	3,492	8,532	1,872	4,644	77,320	10,116	37,224	2,304	648	1,908
SACRAMENTO	1,332	216	504	23,688	9,720	36,648	9,468	1,080	7,560			
SAN BENITO				396	396	792	13,356	1,152	4,572	1,260	252	1,224
SAN BERNARDINO	7,956	576	2,592	1,656	612	1,872	67,176	10,836	47,412	9,972	5,400	16,452
SAN DIEGO	2,880	432	2,700	144	216	432	44,244	5,040	25,812		36	540
SAN JOAQUIN	2,448	468	1,728	32,004	10,296	40,716	7,740	1,692	7,884	720	108	1,152
SAN LUIS OBISPO	504	144	288	72	144	324	41,184	3,708	14,616	360	144	324
SAN MATEO				324	144		1,368	324	1,512	36	36	36
SANTA BARBARA	1,980	216	504	144	108	180	39,276	3,780	25,704		72	36
SANTA CLARA	72	36	36	1,764	612	1,980	6,948	1,044	3,816			
SANTA CRUZ							6,480	468	2,844			
SHASTA	900	144	540	2,016	1,224	4,572	38,556	4,824	23,868	72	36	36
SIERRA							864	288	1,188			
SISKIYOU	324	144	396	5,724	2,952	9,612	18,864	2,772	14,112	180	72	252
SOLANO	972	144	576	25,560	9,144	31,608	324	360	1,872		36	72
SONOMA	216	36	108	2,160	540	2,052	9,360	1,080	4,500			
STANISLAUS	7,848	936	7,848	21,996	8,064	36,612	11,232	1,440	5,580	720	444	432
SUTTER	10,404	540	2,916	26,676	9,000	37,044	2,340	720	1,656	36	36	36
TEHAMA	5,616	144	1,008	5,256	2,700	10,368	23,940	2,808	10,692			
TRINITY	72	36	180				14,760	2,160	13,752			
TULARE	5,220	432	1,152	8,712	5,184	15,696	30,240	2,916	9,612	180	144	360
TUOLUMNE				72	108	684	10,692	1,404	9,648		72	144
VENTURA				864	180	684	27,828	4,104	16,632	324	108	252
YOLO	1,332	288	360	33,192	11,340	51,840	5,184	1,080	3,564		36	540
YUBA	3,240	180	4,860	8,820	3,456	14,328	4,248	1,080	4,860	2,880	756	2,700
UNKNOWN	864	180	1,512	4,788	3,024	9,720	23,256	3,096	16,884			
TOTAL	94,896	9,720	66,168	379,440	146,808	544,140	1,004,436	133,992	606,024	42,408	19,260	62,244

TABLE 3
STATEWIDE BAG, HUNTERS, AND HUNTER DAYS - UPLAND/OTHER GAME

COUNTY	JACKRABBIT				COTTONTAIL				TREE SQUIRREL				COYOTE			
	BAG	HUNTERS	DAYS	BAG	HUNTERS	DAYS	BAG	HUNTERS	DAYS	BAG	HUNTERS	DAYS	BAG	HUNTERS	DAYS	BAG
ALAMEDA	1,080	216	2,916	1,332	360	756							540	252	2,088	
ALPINE	144	72	144		36	36							72	180	612	
AMADOR	324	144	324	684	144	756							720	216	1,116	
BUTTE	9,828	1,188	11,592	1,188	288	1,116							3,924	396	900	
CALAVARAS	972	36	216	144	144	360							252	216	396	
COLUSA	3,708	504	4,212	216	108	144							216	144	576	
CONTRA COSTA	1,800	396	1,044	252	180	252							216	108	864	
DEL NORTE					36	36							36	72	36	
EL DORADO	1,476	108	792	396	216	1,764							792	540	2,988	
FRESNO	20,376	2,376	25,812	10,980	1,980	10,944							3,564	1,116	10,152	
GLENN	3,168	468	4,932	252	108	360							468	180	1,692	
HUMBOLDT	1,656	468	2,736	540	216	1,152							288	468	3,780	
IMPERIAL	8,316	1,404	5,904	14,688	2,376	10,944							648	432	6,048	
INYO	5,436	972	8,424	7,020	1,620	8,784							180	360	1,260	
KERN	104,184	7,848	63,756	81,072	8,136	61,020							2,988	1,584	12,744	
KINGS	4,248	684	3,456	5,076	540	3,816							36	72	36	
LAKE	1,080	324	1,116	576	288	1,188							180	504	2,340	
LASSEN	40,896	1,656	8,208	6,624	1,584	5,760							2,160	1,116	5,076	
LOS ANGELES	18,576	3,096	18,216	18,648	4,284	21,348							972	1,368	7,092	
MADERA	5,112	828	4,464	5,472	936	4,572							792	468	3,960	
MARIN	252	108	180	72	36	36							36	72	108	
MARIPOSA	396	144	144		36	360							432	180	1,296	
MENDOCINO	3,672	576	2,340	252	324	2,052							360	540	1,872	
MERCED	18,180	1,620	49,068	10,908	1,800	8,820							324	396	13,608	
MODOC	7,534	756	7,452	1,908	756	3,240							1,440	900	2,592	
MONO	2,484	540	2,304	4,464	648	3,492							216	396	1,116	
MONTEREY	17,208	1,260	9,756	17,352	2,196	15,696							756	612	3,672	
NAPA	4,212	360	3,636										792	108	216	
NEVADA	360	108	144	288	108	288							252	360	1,800	
ORANGE	252	72	576	4,032	756	3,780							432	144	972	
PLACER	1,404	432	28,116	324	180	576							432	252	1,944	
PLUMAS	576	252	1,224	612	252	972							360	252	1,224	
RIVERSIDE	30,528	4,212	51,552	48,060	6,408	34,560							1,620	1,548	6,372	
SACRAMENTO	6,552	864	17,748	2,520	288	9,108							108	108	1,008	
SAN BENITO	8,640	360	2,288	2,628	540	2,376							540	216	972	
SAN BERNARDINO	54,900	6,696	53,856	53,388	8,100	44,424							2,808	2,196	13,680	
SAN DIEGO	12,168	2,016	14,616	34,668	3,456	23,724							4,932	1,620	19,312	
SAN JOAQUIN	23,220	2,412	26,172	3,924	1,188	5,472							900	396	9,288	
SAN JOE	11,016	1,008	38,772	11,160	1,476	12,816							432	324	26,784	
SAN LUIS OBISPO	144	36	252	684	252	396							108	838		
SAN MATEO	4,752	612	18,468	24,444	1,512	13,896							432	288	2,304	
SANTA BARBARA	1,800	216	1,080	2,448	468	2,880							36	144	1,476	
SANTA CLARA	36	36	108	900	288	576							540	144	14,616	
SANTA CRUZ	6,984	972	6,480	1,224	396	1,800							1,440	1,080	5,760	
SHASTA	288	36	72	180	72	108							36	108	360	
SIERRA	12,960	1,008	9,648	3,276	756	4,284							756	864	7,344	
SISKIYOU	10,836	1,224	23,508	1,188	252	1,152							72	252	504	
SOLANO	2,916	784	8,856	1,944	108	900							684	288	2,052	
SONOMA	3,456	576	2,196	1,944	288	1,584							828	144	4,104	
STANISLAUS	2,664	720	2,880	216	144	540							936	1,044	3,420	
TEHAMA	2,124	144	1,872	288	108	324							828	468	1,440	
TRINITY	8,136	1,116	6,516	10,872	1,584	8,928							2,664	648	20,376	
TULARE	1,404	144	2,484	864	216	1,692							1,008	576	10,656	
TUOLUMNE	5,076	1,080	42,840	2,376	2,376	17,640							1,440	648	24,984	
VENTURA	4,176	1,188	6,336	2,628	396	3,132							72	180	864	
YOLO	1,728	432	1,332	252	180	432							36	180	576	
YUBA	14,328	2,160	19,908	10,764	1,980	10,260							1,800	1,080	32,004	
UNKNOWN																
TOTAL	527,616	60,480	600,660	462,024	64,548	383,544							45,612	29,376	305,496	

TABLE 9
STATEWIDE BAG, HUNTERS, AND HUNTER DAYS - WATERFOWL

COUNTY	DUCKS				GEESE				JACK SNIPES				COOTS				
	BAG	HUNTERS	DAYS	BAG	HUNTERS	DAYS	BAG	HUNTERS	BAG	HUNTERS	DAYS	BAG	HUNTERS	DAYS	BAG	HUNTERS	DAYS
ALAMEDA	19,692	1,404	11,592	962	108	1,728						1,080	72	180			
ALPINE		72	288		36	144											
AMADOR	1,188	180	1,980		72	36											
BUTTE	107,424	9,036	67,140	9,540	3,888	28,260			1,512	324	1,296	14,364	1,008	4,572			
CALAVARAS	2,268	288	936	72	88	432											
COLUSA	176,256	13,680	89,712	27,180	8,172	45,468			2,952	324	828	13,716	1,296	5,220			
CONTRA COSTA	32,580	1,980	17,784	108	252	3,744			36	36	36	432	108	396			
DEL NORTE	15,444	612	7,128	360	180	1,296			360	36	180	2,988	144	1,548			
EL DORADO	108	108	36	36	36	72											
FRESNO	60,768	5,544	32,076	216	756	3,024			2,304	288	936	5,040	540	2,160			
GLENN	64,224	4,896	44,424	17,640	3,636	33,156			792	144	612	7,380	468	2,592			
HUMBOLDT	24,444	1,656	18,936	684	396	1,584			9,684	648	4,356	3,168	252	5,076			
IMPERIAL	58,212	7,524	36,432	14,652	5,112	26,820			72	36	36	4,860	612	2,880			
INYO	7,488	1,152	9,072	648	468	4,500			540	144	216	144	108	252			
KERN	27,576	3,456	13,968	216	504	1,152			180	72	72	3,852	396	3,960			
KINGS	6,804	720	2,700	144	396	1,332			72	72		2,052	216	828			
LAKE	2,412	396	1,332		72	432											
LASSEN	25,452	2,340	15,300	10,836	2,160	14,076			432	72	252	1,044	180	432			
LOS ANGELES	4,320	468	1,296	108	144	288			36	36	36	1,080	72	216			
MADERA	4,428	504	1,728	180	72	216						1,080	72				
MARIN	7,632	540	2,448		36	252											
MARIPOSA		72	468	108	36	360											
MENDOCINO	1,476	432	720	108	72	108						540	36	216			
MERCED	221,328	11,952	88,452	4,932	3,708	23,112			5,688	648	3,528	6,552	1,260	4,356			
MODOC	31,752	3,132	23,364	10,752	3,528	17,964			648	72	108	864	72	36			
MONO	5,652	792	5,472	1,224	504	3,708						252	108	72			
MONTEREY	13,356	1,332	10,404	144	324	2,808			648	108	1,152	7,956	360	1,800			
NAPA	13,932	1,044	10,944	576	144	2,484											
NEVADA	2,952	396	1,368	72	72	612											
ORANGE	180	72	216									720	36	72			
PLACER	18,612	1,224	8,244	900	504	4,860			180	108	144	1,044	72	72			
PLUMAS	8,424	972	6,696	1,044	720	3,348			684	108	180	1,116	144	792			
RIVERSIDE	37,548	3,492	20,268	2,700	1,908	12,060			3,024	144	2,304	2,016	252	900			
SACRAMENTO	36,756	4,212	27,144	4,176	2,124	9,180			504	180	324	3,924	252	1,080			
SAN BENITO	14,292	540	3,456	288	180	2,088			4,356	72	576	1,728	72	1,044			
SAN BERNARDINO	17,100	1,836	9,000	1,224	576	3,276			36	36	36	1,620	216	540			
SAN DIEGO	11,520	1,800	10,728	684	684	2,484			108	36	72	468	108	252			
SAN JOAQUIN	50,508	3,420	28,944	3,312	1,476	13,068			1,404	180	576	5,004	540	3,096			
SAN LUIS OBISPO	2,268	828	1,800		72	144						252	36	36			
SAN MATEO	7,920	612	7,488	108	72	216											
SANTA BARBARA	1,908	252	1,692	72	36	108			108	36	72						
SANTA CLARA	17,172	1,044	7,848	36	36	36			108	36	36						
SANTA CRUZ	1,116	180	756														
SHASTA	13,860	1,872	9,288	4,572	1,080	6,552			252	108	216	4,284	36	72			
SIERRA	684	216	648	72	108	180							144	540			
SISKIYOU	50,580	4,500	33,912	8,928	3,888	20,880			2,232	144	972	3,240	252	2,376			
SOLANO	116,280	8,712	57,420	144	1,476	9,540			684	180	684	6,516	828	2,376			
SONOMA	9,144	1,188	5,904	72	144	612			1,404	108	504	10,980	144	684			
STANISLAUS	23,832	2,160	16,596	1,728	864	6,192			792	72	288	2,880	288	1,800			
SUTTER	70,272	5,364	34,812	4,428	2,268	15,192			720	180	360	12,420	612	1,980			
TEHAMA	5,148	792	4,572	252	288	1,224			468	36	72	540	72	180			
TRINITY	360	144	756						36	36	36						
TULARE	11,240	864	5,256	972	468	1,476			36	36	36	540	36	108			
TUOLUMNE	612	180	756	2	36	144											
VENTURA	8,100	756	2,628		180	720						72	72	144			
YOLO	41,472	3,564	25,056	3,420	1,656	7,416			612	108	324	4,392	360	900			
YUBA	32,832	2,772	21,996	1,296	1,188	7,668			72	36	36	1,728	216	2,052			
UNKNOWN	15,804	2,664	12,240	1,764	1,116	4,608			72	36	36	2,736	504	1,080			
TOTAL	1,566,324	131,940	883,764	145,152	58,104	352,440			5,076	21,528	145,764	12,636	59,004				

TABLE 9

STATEWIDE BAG, HUNTERS, AND HUNTER DAYS - BIG GAME/TOTALS-ALL SPECIES

COUNTY	DEER			BEAR			WILD PIG			TOTALS - ALL SPECIES		
	BAG	HUNTERS	DAYS	BAG	HUNTERS	DAYS	BAG	HUNTERS	DAYS	BAG	HUNTERS	DAYS
ALAMEDA	288	1,152	8,676				36	108	900	54,468	6,588	38
ALPINE	756	4,572	23,760		180	648				2,088	5,580	26
AMADOR	288	2,628	18,720		72	180		36	36	19,188	6,048	32
BUTTE	468	5,544	31,140		288	1,908		72	504	275,688	41,796	232
CALAVARAS	468	4,068	24,300							32,724	7,992	52
COLUSA	288	1,332	13,392					288	2,592	304,812	40,680	211
CONTRA COSTA		612	5,364					36	180	64,116	8,424	48
DEL NORTE	252	936	7,884		180	1,116				23,292	3,060	22
EL DORADO	1,152	9,972	65,988		396	1,764		36	144	25,236	16,776	97
FRESNO	612	7,164	43,848		900	4,716		1,296	20,088	380,988	48,564	260
GLENN	684	2,628	19,044		180	468		36	36	173,772	24,084	153
HUMBOLDT	3,060	7,704	66,420		720	4,896		216	2,016	76,068	18,324	143
IMPERIAL	36	1,116	5,904							451,620	43,416	191
INYO	936	4,752	26,424		108	180				64,440	16,416	94
KERN	1,368	8,892	45,108		468	1,980		72	792	600,768	75,492	368
KINGS	72	360	1,080					216		90,288	9,504	34
LAKE	1,044	5,076	35,424		144	324		576	1,368	32,580	11,880	64
LASSEN	2,700	11,160	68,328		108	252		36	360	135,216	26,928	138
LOS ANGELES	792	7,200	45,756		252	1,080		360	1,080	126,648	30,852	146
MADERA	432	2,916	15,444		252	2,196		72	1,800	90,684	14,400	64
MARIN	792	1,224	11,484					36	144	16,668	2,844	18
MARIPOSA	216	2,772	14,400		144	468				13,392	5,472	24
MENDOCINO	3,528	11,088	77,508		612	3,528		3,204	18,396	61,704	23,220	132
MERCED	288	1,260	5,688					288	2,268	381,204	41,112	266
MODOC	2,124	10,692	66,924							86,688	24,624	143
MONO	1,980	10,188	52,848		180	1,800		36	720	18,468	14,436	72
MONTEREY	1,836	6,660	41,724		36	108		14,472	9,000	185,148	35,424	212
NAPA	684	2,196	19,116		36					45,900	6,480	47
NEVADA	576	3,744	22,392			72		180	288	15,480	8,208	38
ORANGE	180	1,224	6,516					36	72	17,028	4,248	20
PLACER	396	3,528	24,444		252	360		72	72	74,232	14,832	101
PLUMAS	2,412	9,360	60,552		396	2,268				26,424	15,012	89
RIVERSIDE	288	2,952	17,712		72	612		144	72	400,932	47,844	242
SACRAMENTO	72	288	1,872							133,740	23,040	127
SAN BENITO	1,116	2,448	15,120					5,184	20,592	67,932	11,340	59
SAN BERNARDINO	792	5,436	33,768		612	1,584		216	792	303,952	50,400	258
SAN DIEGO	684	5,904	34,020					108	756	168,876	26,388	154
SAN JOAQUIN	36	108	720							216,684	28,980	168
SAN LOUIS OBISPO	1,224	5,904	44,172					2,808	33,300	134,748	23,508	198
SAN MATEO	216	504	4,968							11,880	2,304	16
SANTA BARBARA	1,008	5,112	40,680		180	252		1,296	17,820	103,680	17,568	137
SANTA CLARA	1,044	2,160	16,812					1,620	7,488	53,064	8,676	50
SANTA CRUZ	108	504	3,708					108	324	22,608	3,384	28
SHASTA	3,312	13,716	106,632		972	4,032		216	1,836	143,604	39,816	222
SIERRA	576	3,456	17,748		144	1,260				4,860	4,932	23
SISKIYOU	4,572	15,084	115,380		720	4,824				155,700	38,628	245
SOLANG	36	684	3,132							188,820	25,596	145
SONOMA	972	3,096	21,204					2,160	216	64,512	11,556	65
STANISLAUS	432	2,916	20,556					504	2,268	156,168	26,136	143
SUTTER	108	360	1,116		144	576				171,720	23,364	109
TEHAMA	3,240	10,764	56,448					900	7,020	111,168	29,772	134
TRINITY	2,556	10,980	65,412		324	1,152				32,256	18,180	111
TULARE	504	5,436	29,736		504	2,808		36	288	232,992	29,520	145
TUOLONGNE	1,692	12,492	83,844		720	2,592		900	4,824	31,284	19,548	128
VENTURA	612	3,600	25,560		288	2,628		144	612	111,420	16,740	110
YOLO	324	1,512	11,304					72	72	147,816	26,208	126
YUBA	108	1,368	8,352		108	396		36	180	82,296	15,336	83
UNKNOWN	1,080	16,380	96,192		612	3,528		144	4,392	146,268	43,020	260
TOTAL	57,492	286,884	1,851,768		11,880	60,372		40,392	253,648	7,365,600	1,264,500	7,090

MAILING AND RETURN OF QUESTIONNAIRES BY COUNTY OF RESIDENCE

1984 HUNTER SURVEY

<u>County</u>	<u>Questionnaires Mailed And Deliverable</u>	<u>Percent of Total Mailed</u>	<u>Number Returned</u>	<u>Percent Returned</u>
ALAMEDA	672	3.5	498	70.5
ALPINE	1	<0.1	1	100.0
AMADOR	94	0.5	65	65.0
BUTTE	517	2.7	389	71.9
CALAVERAS	63	0.3	48	71.6
COLUSA	102	0.5	66	64.1
CONTRA COSTA	645	3.4	484	71.7
DEL NORTE	49	0.3	37	69.8
EL DORADO	125	0.7	97	70.8
FRESNO	636	3.3	481	71.7
GLENN	154	0.8	125	78.1
HUMBOLDT	322	1.7	251	74.5
IMPERIAL	120	0.6	78	60.0
INYO	81	0.4	67	76.1
KERN	673	3.5	474	64.8
KINGS	135	0.7	89	62.7
LAKE	68	0.4	51	69.9
LASSEN	117	0.6	91	72.2
LOS ANGELES	2,460	12.9	1,750	66.8
MADERA	133	0.7	100	74.1
MARIN	170	0.9	137	77.8
MARIPOSA	26	0.1	19	73.1
MENDOCINO	191	1.0	143	71.5
MERCED	232	1.2	162	64.0
MODOC	65	0.3	53	80.3
MONO	30	0.2	26	83.9
MONTEREY	299	1.6	232	73.7
NAPA	203	1.1	136	64.2
NEVADA	79	0.4	65	80.2
ORANGE	1,008	5.3	755	70.8
PLACER	235	1.2	186	75.6
PLUMAS	89	0.5	66	70.2
RIVERSIDE	430	2.3	309	66.3
SACRAMENTO	1,039	5.4	748	67.3
SAN BENITO	64	0.3	46	70.8
SAN BERNARDINO	582	3.1	420	67.3
SAN DIEGO	706	3.7	553	73.1
SAN FRANCISCO	121	0.6	88	65.7
SAN JOAQUIN	605	3.2	431	68.5
SAN LUIS OBISPO	225	1.2	168	70.6
SAN MATEO	376	2.0	283	72.6
SANTA BARBARA	245	1.3	193	74.5
SANTA CLARA	951	5.0	713	70.8
SANTA CRUZ	178	0.9	130	71.0
SHASTA	550	2.9	434	75.9
SIERRA	9	0.1	9	100.0
SISKIYOU	281	1.5	218	74.7
SOLANO	368	2.0	265	68.3
SONOMA	364	2.0	285	75.0
STANISLAUS	573	3.0	419	69.7
SUTTER	182	1.0	140	73.3
TEHAMA	191	1.0	148	73.3
TRINITY	70	0.4	55	77.5
TULARE	305	1.6	223	70.6
TUOLUMNE	67	0.4	54	70.1
VENTURA	296	1.6	221	72.5
YOLO	323	1.7	239	70.7
YUBA	122	0.6	88	68.2
NONRESIDENT	94	0.5	79	80.6
TOTAL	19,111	100.0	14,181	70.3