

California Department of Fish and Game

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REPORT OF THE 1987 GAME TAKE HUNTER SURVEY

Hunter game take questionnaires were mailed to 17,743 randomly selected hunting licensees in January 1988. These individuals represent approximately 4 percent of the total number of licenses sold (436,294) in 1987. 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 1,458 questionnaires returned undeliverable, which leaves a total of 16,285 possible respondents. A total of 12,439 persons returned the questionnaires, this represents approximately 3 percent of all hunting license buyers, and a response rate of 76.4 percent. It was determined through the analysis of the survey, that there was a hunting effort of approximately 436,294 hunting licensees who spent 5,288,700 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 an 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>1986</u>	<u>1987</u>	<u>Percent Change From 1986</u>
Hunting Licenses	456,681	436,294	- 4.7
Deer Hunters (applications)	210,933	232,118	9.1
Deer Tags	295,220	288,648	- 2.3
Bear Tags	9,864	12,350	20.1
Federal Duck Stamps	95,541	89,893	- 6.3
State Duck Stamps	91,598	89,217	- 2.7

\* Estimates

## HUNTING REGULATION CHANGES

### Sage Grouse

The Sage Grouse season was reopened in 1987 for Lassen, Mono, and Inyo counties. A restricted number of permits was issued by drawing. The season was split with one weekend in September in Lassen and another weekend in October in Mono and Inyo counties. The bag was reduced to one bird in Mono and Inyo counties.

### Pheasants

The bag and possession limit was reduced to two birds.

### Ducks and Geese

The season and bag limits were unchanged from 1986 but the area of the steel shot zones were greatly enlarged. Required use of steel shot is likely to have some depressing effect on the number of waterfowl hunters.

### Deer

- B-1 - Boundary modified to correspond with the deer herd boundaries.
- D-2b - The number of permits was decreased from 4,300 to 3,800.
- D-3 - The number of permits raised from 12,000 to 15,000.
- D-5 - One week was added to the season.
- D-18 - Boundary modified to correspond with the deer herd boundaries.
- X-4 - The number of permits was increased from 1,700 to 1,900.
- X-5a - The number of archery and general permits reduced from 80 (archery) and 290 (general) to 50 and 250 respectively.
- X-5c - The number of archery and general permits reduced from 100 (archery) and 1,080 (general), to 70 and 800 respectively.
- X-7a - The number of permits was increased from 1,000 to 1,500.
- X-8 - The number of permits was decreased from 700 to 500.
- X-9 - This zone was split into two, X-9a and X-9b, and the total number of permits reduced from 9,000 to 4,000 (1,500 for X-9a and 2,500 for X-9b).
- X-11 - A season is established beginning the second Saturday in September and extending for 51 days.
- X-12 - The number of permits reduced from 3,000 to 1,500.
- S-2 - The number of permits increased for Los Angeles Either Sex Archery Deer Hunt from 1,750 to 2,000.
- S-4 - The bag and possession limit from bucks only to one either sex deer per season for special hunts S-4 Fort Ord Deer Hunt.

- S-5 - Fort Hunter Liggett Antlerless Deer Hunt added.
- S-7 - The bag and possession limit from bucks only to one either sex deer per season for special hunts Monterey Archery Deer Hunt.
- S-8 - Monterey Private Lands Antlerless Deer Hunt added.
- S-13 - The number of permits are reduced from 30 archery and 20 shotgun to 15 shotgun only.
- S-14 - The bag and possession limit from bucks only to one either sex deer per season for special hunts Ventana Wilderness Deer Hunt.
- S-16 - The number of permits has been increased for Devil's Garden Muzzle-loading from 70 muzzle-loading and 30 archery to 150 muzzle-loading and 50 archery.
- S-21 - Monterey Antlerless Hunt added.
- S-24 - Shasta Lake Buck Hunt added to provide 200 permits.

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 - 1987.

Table 3 - Reported Hunting License and Tag Sales, Hunter Harvest and Effort - 1977-1987.

Table 4 - Statewide Hunters - 1977-1987.

Table 5 - Game Bag, Ten Leading Counties - 1987 (Pheasants, Quail, Dove, Band-tailed Pigeons, Jack Rabbits, Cottontail/Brush Rabbits, Ducks and Geese).

Table 6 - Regional Game Bag, Major Species - 1987.

Table 7 - Distribution of Hunter Effort by Game Species - 1987.

Table 8 - Hunter Success Summary - 1960-1987.

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 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 (436,294) divided by the number of questionnaires returned (12,439) provides the projection factor for calculating total figures. The projection factor used for the 1987 Hunter Survey calculations was 35.

TABLE 1  
BAG AND HUNTER EFFORT BY SPECIES

UPLAND GAME

	1986 -----	1987 -----	Change From 1986 -----
<b>PHEASANTS</b> -----			
Statewide Bag	241,128	260,950	
Hunters Reported	82,824	86,938	8.2%
Average Seasonal Bag	2.9	3.0	3.4%
Total Days Hunted	339,966	349,758	2.9%
Average Days Hunted	4.1	4.0	-2.4%
<b>QUAIL</b> -----			
Statewide Bag	1,095,072	923,270	-15.7%
Hunters Reported	108,018	103,666	-4.0%
Average Seasonal Bag	10.1	8.9	-11.3%
Total Days Hunted	484,857	477,292	-1.6%
Average Days Hunted	4.5	4.6	2.2%
<b>DOVES</b> -----			
Statewide Bag	2,018,376	1,935,586	-4.1%
Hunters Reported	138,669	134,776	-2.8%
Average Seasonal Bag	14.6	14.4	-1.4%
Total Days Hunted	469,404	485,520	3.4%
Average Days Hunted	3.4	3.6	5.9%
<b>BAND-TAILED PIGEONS</b> -----			
Statewide Bag	65,229	65,912	1.0%
Hunters Reported	14,790	14,755	-.2%
Average Seasonal Bag	4.4	4.5	2.3%
Total Days Hunted	39,831	39,542	-.7%
Average Days Hunted	2.7	2.7	.0%
<b>CHUKAR PARTRIDGE</b> -----			
Statewide Bag	38,709	32,402	-15.3%
Hunters Reported	14,382	12,240	-14.9%
Average Seasonal Bag	2.7	2.5	-7.7%
Total Days Hunted	49,623	46,206	-6.9%
Average Days Hunted	3.5	3.3	-5.6%

## DUCKS

Statewide Bag	1,202,529	1,512,160	25.7%
Hunters Reported	86,598	91,658	6.1%
Average Seasonal Bag	13.9	16.5	18.7%
Total Days Hunted	614,550	714,578	16.3%
Average Days Hunted	7.1	7.8	9.9%

## GEESE

Statewide Bag	91,086	116,008	27.4%
Hunters Reported	37,689	38,794	2.9%
Average Seasonal Bag	2.4	3.0	25.0%
Total Days Hunted	251,124	269,926	7.5%
Average Days Hunted	6.7	7.0	4.6%

## DEER (Hunter Survey)

Statewide Bag	65,484	53,278	-18.6%
Hunters Reported	300,543	254,728	-15.2%
Total Days Hunted	1,946,364	1,646,280	-15.4%
Average Days Hunted	6.5	6.5	.0%

## DEER (Tag Returns)

Statewide Bag	30,253	25,864	-14.5%
Deer Tag Sales	291,974	277,116	-5.1%

## BEAR (Hunter Survey)

Statewide Bag	1,224	1,666	36.1%
Hunters Reported	10,914	11,832	8.4%
Total Days Hunted	58,752	71,842	22.3%
Average Days Hunted	5.4	6.1	13.0%

## BEAR (Tag Returns)

Statewide Bag	1,035	1,442	39.9%
Bear Tag Sales	9,864	11,971	21.4%

## WILD PIGS

Statewide Bag	56,447	41,310	-26.8%
Hunters Reported	49,929	44,472	-10.9%
Total Days Hunted	296,371	247,010	-16.5%
Average Days Hunted	5.9	5.6	-5.1%

SAGE GROUSE  
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Statewide Bag	SEASON	816	n/a
Hunters Reported	CLOSED	816	n/a
Average Seasonal Bag		1.0	n/a
Total Days Hunted		1,224	n/a
Average Days Hunted		1.5	n/a

BLUE/RUFFED GROUSE  
-----

Statewide Bag	6,222	8,024	29.0%
Hunters Reported	4,947	5,576	12.7%
Average Seasonal Bag	1.3	1.4	7.7%
Total Days Hunted	15,300	17,918	17.1%
Average Days Hunted	3.1	3.2	3.2%

JACK RABBITS  
-----

Statewide Bag	250,155	234,362	-5.3%
Hunters Reported	32,589	34,068	4.5%
Average Seasonal Bag	7.7	6.9	-10.4%
Total Days Hunted	225,930	232,628	3.0%
Average Days Hunted	6.9	6.8	-1.4%

COTTONTAIL/BRUSH RABBITS  
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Statewide Bag	261,681	244,324	-6.0%
Hunters Reported	40,137	39,406	-1.8%
Average Seasonal Bag	6.5	6.2	-4.6%
Total Days Hunted	233,631	207,570	-11.2%
Average Days Hunted	5.8	5.3	-8.6%

TREE SQUIRRELS  
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Statewide Bag	131,325	151,164	15.1%
Hunters Reported	32,742	34,680	5.3%
Average Seasonal Bag	4.0	4.4	10.0%
Total Days Hunted	148,563	168,844	13.7%
Average Days Hunted	4.5	4.9	9.9%

WILD TURKEY  
-----

Statewide Bag	9,690	7,004	-27.7%
Hunters Reported	16,524	17,347	5.0%
Average Seasonal Bag	.6	.4	-33.3%
Total Days Hunted	57,477	54,230	-5.6%
Average Days Hunted	3.5	3.1	-11.4%

TABLE 2  
SUMMARY OF STATEWIDE BAG - 1987

Species	Yearly Average 1976-1980	1986	1987	Change From 1986
Pheasant	532,350	241,123	260,950	8.2%
Quail	1,799,010	1,095,072	923,270	-15.7%
Dove	3,361,600	2,018,376	1,935,586	-4.1%
Chukar Partridge	88,070	38,709	32,402	-16.3%
Sage Grouse	4,580	Closed	816	n/a
Blue/Ruffed Grouse	9,240	6,222	8,024	29.0%
Band-Tailed Pigeons	140,750	65,229	66,912	2.6%
Wild Turkeys	2,600	9,690	7,004	-27.7%
Jack Rabbits	807,330	250,155	234,362	-6.3%
Cottontail/Brush Rabbits	544,110	261,681	244,324	-6.6%
Tree Squirrels	240,190	131,325	151,164	15.1%
Ducks	2,955,290	1,202,529	1,512,150	25.7%
Geese	185,330	91,086	116,008	27.4%
Jacksnipe	68,600	15,045	11,118	-26.1%
Coots	309,060	33,660	50,660	50.5%
Deer (Hunter Survey)	73,170	65,484	53,278	-18.6%
Deer (Tag Returns)	33,230	30,253	25,864	-14.5%
Bear (Hunter Survey)	2,090	1,224	1,666	36.1%
Bear (Tag Returns)	600	1,035	1,448	39.9%
Wild Pigs	28,460	56,447	41,310	-26.8%



TABLE 3

REPORTED HUNTING LICENSE AND TAG SALES, HUNTER HARVEST AND EFFORT - 1977-1987

LICENSE & TAG SALES	1977	1978*	1979	1980	1981	1982	1983	1984	1985	1986	1987
Hunting License	572,000	532,000	522,443	553,124	540,000	532,000	533,728	487,804	488,770	456,681	421,289
Deer Hunters	349,000	287,900	283,897	294,400	303,251	306,768	278,906	253,725	260,262	210,933	254,728
Deer Tags	---	377,300	361,500	377,300	380,216	383,036	355,581	317,855	314,810	295,220	232,048
Bear Tags	26,150	16,745	21,847	27,347	31,486	25,859	14,378	11,077	11,944	9,864	11,971
Pheasant Tags	---	---	---	---	---	---	---	---	---	---	---
Duck Stamps (Federal)	128,280	124,191	122,764	114,825	105,367	105,258	109,654	107,736	93,253	93,123	89,893
Duck Stamps (State)	151,300	127,234	114,028	111,786	102,853	105,144	106,806	98,785	97,021	91,377	89,158
STATE-WIDE BAG	---	---	---	---	---	---	---	---	---	---	---
Deer (Buck Tag Returns)	36,687	30,889	36,415	32,377	42,231	32,520	26,886	32,190	31,651	30,253	25,664
Deer (Hunter Survey)	90,700	69,300	70,100	61,060	83,030	55,780	51,800	57,492	69,384	65,484	53,278
Bear (Tag Return)	451	655	731	655	766	783	601	770	1,138	1,035	1,448
Bear (Hunter Survey)	1,200	1,700	2,800	2,970	1,440	1,180	970	1,116	1,617	1,224	1,666
Wild Pigs	32,000	27,300	21,200	29,710	36,670	26,300	35,600	40,392	34,741	56,447	41,310
Pheasants	490,600	493,700	562,600	586,650	375,330	317,000	442,200	379,440	308,847	241,128	260,950
Quail	1,607,900	1,781,100	2,021,900	2,030,760	1,151,490	1,172,950	1,410,220	1,004,436	1,110,585	1,095,072	923,270
Doves	3,543,500	3,326,600	3,369,400	3,262,410	3,336,920	3,272,860	2,738,660	2,551,572	2,640,610	2,018,376	1,935,586
Chukar Partridge	51,300	96,800	136,300	111,540	45,990	32,720	67,850	42,408	50,764	38,709	32,402
Blue and Ruffed Grouse	9,100	9,200	9,300	10,020	9,250	7,790	4,320	7,668	9,947	6,222	8,024
Sage Grouse	4,000	4,000	5,000	6,280	4,660	3,190	4,660	---	---	---	---
Band-tailed Pigeons	160,900	136,500	183,300	132,830	213,860	118,220	153,590	125,892	77,714	65,229	816
Jack Rabbits	710,500	757,100	956,300	901,750	726,680	568,560	569,850	527,616	365,981	250,155	66,912
Cottontail/Brush Rabbits	498,400	463,400	621,300	636,740	477,370	345,720	441,690	462,024	313,257	261,681	234,362
Tree Squirrels	346,500	241,600	191,300	167,360	246,630	165,340	141,400	116,064	188,356	131,325	244,324
Ducks	2,074,400	267,300	2,376,800	2,038,850	1,623,740	1,531,740	1,741,050	1,566,324	1,693,244	1,202,529	1,512,150
Geese	216,500	188,600	115,700	108,830	137,750	100,210	160,630	145,152	201,586	91,086	116,036
Coots	280,300	274,600	322,000	251,420	172,570	153,250	161,460	145,764	93,492	33,660	50,660
Jacksnipe	72,100	72,700	61,000	50,700	33,520	29,300	22,500	43,848	24,304	15,045	11,118
Wild Turkeys	2,300	2,800	1,600	4,085	4,550	4,830	4,050	5,652	7,791	9,690	7,004
Mountain Lion (Tag Returns)	---	---	---	---	---	---	---	---	---	---	---
NUMBER HUNTER DAYS	6,357,900	6,941,800	7,380,900	7,256,680	8,145,920	7,610,600	7,833,340	7,090,560	6,905,668	5,495,097	5,288,700

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

TABLE 4

## STATEWIDE HUNTERS

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Deer (Applications Sold)	349,000	287,900	283,897	294,400	299,217	306,770	278,906	253,725	260,262	295,220	232,048
Deer (Hunter Survey)	337,400	295,100	291,100	304,950	385,500	364,000	361,330	286,884	323,596	300,543	254,728
Bear (Applications Sold)	26,150	16,745	21,847	27,347	31,486	25,859	14,378	11,077	11,944	9,864	11,971
Bear (Hunter Survey)	26,900	19,600	19,500	20,810	22,530	19,880	13,850	11,860	14,406	10,914	11,832
Wild Pigs	32,100	27,800	23,900	27,900	32,780	31,610	39,380	36,108	45,129	49,929	44,472
Pheasants	172,000	155,500	144,500	146,760	132,200	123,240	137,220	146,808	115,248	82,824	86,938
Quail	151,200	141,400	147,100	150,580	151,330	125,250	145,310	133,992	125,489	108,018	103,666
Dove	203,600	184,200	187,400	189,030	206,020	204,970	175,350	173,160	165,571	138,669	134,776
Chukar Partridge	17,500	19,900	26,100	26,920	16,280	13,870	19,230	19,260	15,925	14,382	12,240
Blue and Ruffed Grouse	5,900	6,600	6,600	7,050	6,330	5,850	5,200	5,724	6,958	4,947	5,576
Sage Grouse	3,900	4,400	5,000	5,670	5,770	4,370	5,200	5,724	6,958	4,947	5,576
Band-tailed Pigeon	3,900	4,400	5,000	5,670	5,770	4,370	5,200	5,724	6,958	4,947	5,576
Jack Rabbits	24,500	22,000	25,400	24,510	29,970	22,760	25,350	25,812	18,130	14,790	14,756
Cottontail/Brush Rabbit	83,400	76,300	80,400	79,380	73,300	61,670	64,630	60,480	42,581	32,589	34,068
Tree Squirrels	73,700	64,300	78,000	79,980	72,780	58,670	67,850	64,548	46,697	40,137	39,406
Ducks	63,900	52,400	43,800	43,690	52,610	42,140	38,360	32,940	40,376	32,742	34,680
Geese	146,300	131,200	124,200	114,590	119,990	105,830	113,070	131,940	118,237	86,598	91,868
Coots	60,900	56,900	48,100	48,890	49,000	48,100	54,510	58,104	61,446	37,659	38,794
Jacksnipe	19,100	19,800	18,700	17,540	14,210	11,660	12,880	12,636	7,497	4,488	4,556
Wild Turkey	8,700	10,100	9,600	7,570	5,250	4,900	4,000	5,076	3,724	1,938	1,972
	9,800	7,100	6,000	10,240	12,730	13,790	13,110	16,092	16,023	16,524	17,374
								Closed Season			

TABLE 5 - MAJOR SPECIES BAME BAG - 1987  
(Ten Leading Counties)

PHEASANTS	% OF STATE POSITION		JACK RABBITS	% OF STATE POSITION	
	TOTAL	1986		TOTAL	1986
1. Colusa	12.8	3	1. Kern	19.2	1
2. Yolo	10.3	2	2. San Bernardino	14.2	2
3. Butte	8.6	1	3. Riverside	5.1	7
4. San Joaquin	8.2	7	4. Tulare	4.6	25
5. Merced	6.5	8	5. San Joaquin	3.7	15
6. Glenn	5.9	4	6. Fresno	3.7	18
7. Sacramento	5.8	10	7. Los Angeles	3.5	3
8. Sutter	5.6	5	8. Lassen	2.9	6
9. Solano	4.9	6	9. Solano	2.6	23
10. Stanislaus	3.9	9	10. Yolo	2.6	27
Total 10 counties	72.5		Total 10 counties	62.1	
All Others	27.5		All Others	37.9	
QUAIL			RABBITS (COTTONTAIL/BRUSH)		
1. Kern	10.5	1	1. Kern	17.0	1
2. San Bernardino	7.6	3	2. San Bernardino	10.6	2
3. Riverside	5.6	2	3. Riverside	10.6	3
4. San Luis Obispo	4.5	5	4. Los Angeles	6.9	5
5. Tulare	4.5	14	5. San Diego	6.4	4
6. Santa Barbara	4.0	6	6. Tulare	5.0	14
7. Fresno	3.9	9	7. Fresno	4.2	9
8. Monterey	3.9	4	8. Monterey	3.9	10
9. Los Angeles	3.1	8	9. Merced	3.7	13
10. Mendocino	3.0	16	10. Ventura	3.6	6
Total 10 counties	50.6		Total 10 counties	71.9	
All Others	49.4		All Others	28.1	
DOVES			DUCKS		
1. Kern	11.1	1	1. Merced	15.3	1
2. Imperial	10.6	2	2. Colusa	10.1	2
3. Tulare	9.4	4	3. Butte	9.1	3
4. Fresno	8.1	5	4. Solano	7.1	4
5. Riverside	7.9	3	5. Imperial	5.1	6
6. Merced	4.0	7	6. Sutter	4.1	8
7. San Joaquin	3.1	10	7. Fresno	4.0	10
8. Kings	3.0	14	8. Sacramento	3.6	12
9. San Bernardino	2.9	6	9. Glenn	3.5	5
10. Madera	2.9	24	10. Kern	3.3	11
Total 10 counties	63.0		Total 10 counties	66.2	
All Others	37.0		All Others	33.8	
BAND-TAILED PIGEONS			GEESE		
1. Monterey	16.9	1	1. Colusa	20.2	1
2. San Luis Obispo	14.5	8	2. Glenn	8.9	2
3. Siskiyou	8.2	5	3. Modoc	7.8	3
4. Shasta	7.3	2	4. Butte	7.7	5
5. San Diego	6.6	3	5. Lassen	7.3	8
6. Amador	6.6	6	6. Merced	6.7	6
7. Sonoma	4.2	17	7. Siskiyou	5.7	7
8. Mendocino	4.2	7	8. Sacramento	4.8	15
9. Calaveras	3.6	37	9. Solano	4.1	12
10. Santa Cruz	3.1	14	10. Imperial	3.2	4
Total 10 counties	75.2		Total 10 counties	76.4	
All others	24.8				



TABLE 7

## DISTRIBUTION OF HUNTER EFFORT BY GAME SPECIES - 1987

Species	Number of Individual Hunters			Percent Of Total Individual Hunters		
	Successful	Unsuccessful	Total	Successful	Unsuccessful	Total
Deer	49,504	205,224	254,728	11.8%	49.0%	60.8%
Bear	1,666	10,166	11,832	.4%	2.4%	2.8%
Wild Pig	17,714	26,758	44,472	4.2%	6.4%	10.6%
Coyote	12,886	9,656	22,542	3.1%	2.3%	5.4%
Bobcat	1,156	1,700	2,856	.3%	.4%	.7%
Crow	5,730	918	6,698	1.4%	.2%	1.6%
Pheasant	58,480	28,458	86,938	14.0%	6.8%	20.8%
Chukar Partridge	5,950	6,290	12,240	1.4%	1.5%	2.9%
Quail	80,852	22,814	103,666	19.3%	5.4%	24.8%
Doves	121,278	13,498	134,776	29.0%	3.2%	32.2%
Band-tailed Pigeons	10,166	4,590	14,756	2.4%	1.1%	3.5%
Blue/Ruffed Grouse	4,046	2,346	6,392	1.0%	.6%	1.5%
Jack Rabbits	29,308	4,760	34,068	7.0%	1.1%	8.1%
Tree Squirrels	27,812	6,868	34,680	6.6%	1.6%	8.3%
Cottontail/ Brush Rabbits	33,184	6,222	40,137	7.9%	1.5%	9.4%
Wild Turkeys	5,542	11,832	17,374	1.3%	2.8%	4.1%
Ducks	80,580	11,288	91,868	19.2%	2.7%	21.9%
Geese	25,160	13,634	38,794	6.0%	3.3%	9.3%
Jack Snipe	1,734	238	1,972	.4%	.1%	.5%
Coots	4,216	340	4,556	1.0%	.1%	1.1%

Total Individual Hunters - 436,294

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

TABLE 8  
HUNTER SUCCESS 1960-1987  
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
1985	13	28	59
1986	13	30	57
1987	17	26	57

TABLE 10

## MAILING AND RETURN OF QUESTIONNAIRES BY COUNTY OF RESIDENCE

1987 HUNTER SURVEY

COUNTY	Questionnaires Mailed And Deliverable	Percent of Total Mailed	Number Responded Returned	Percent Responded Returned
ALAMEDA	604	3.4%	436	2.5%
ALPINE	4	.0%	3	.0%
AMADOR	87	.5%	64	.4%
BUTTE	463	2.6%	306	1.7%
CALAVARAS	94	.5%	73	.4%
CONTRA COSTA	100	.6%	69	.4%
DEL NORTE	615	3.5%	435	2.5%
EL DORADO	66	.4%	44	.2%
FRESNO	125	.7%	95	.5%
GLENN	587	3.3%	395	2.2%
HUMBOLDT	156	.9%	113	.6%
IMPERIAL	227	1.3%	171	1.0%
INYO	133	.7%	81	.5%
KERN	99	.6%	67	.4%
KINGS	864	4.9%	573	3.2%
LAKE	149	.8%	102	.6%
LASSEN	123	.7%	86	.5%
LOS ANGELES	112	.6%	64	.4%
MADERA	1,889	10.6%	1,297	7.3%
MARIN	156	.9%	99	.6%
MARIPOSA	183	1.0%	129	.7%
MENDOCINO	24	.1%	18	.1%
MERCED	235	1.3%	168	.9%
MODOC	354	2.0%	245	1.4%
MONO	73	.4%	60	.3%
MONTEREY	30	.2%	26	.1%
NAPA	180	1.0%	125	.7%
NEVADA	94	.5%	67	.4%
ORANGE	129	.7%	94	.5%
PLACER	524	3.0%	375	2.1%
PLUMAS	256	1.4%	190	1.1%
RIVERSIDE	104	.6%	80	.5%
SACRAMENTO	500	2.8%	320	1.8%
SAN BENITO	717	4.0%	513	2.9%
SAN BERNARDINO	56	.3%	33	.2%
SAN DIEGO	537	3.0%	367	2.1%
SAN FRANCISCO	613	3.5%	438	2.5%
SAN JOAQUIN	102	.6%	73	.4%
SAN LUIS OBISPO	604	3.4%	418	2.4%
SAN MATEO	280	1.6%	203	1.1%
SANTA BARBARA	295	1.7%	221	1.2%
SANTA CLARA	296	1.7%	228	1.3%
SANTA CRUZ	738	4.2%	523	2.9%
SHASTA	141	.8%	102	.6%
SIERRA	356	2.0%	246	1.4%
SISKIYOU	10	.1%	5	.0%
SOLANO	396	2.2%	302	1.7%
SONOMA	318	1.8%	225	1.3%
STANISLAUS	499	2.8%	382	2.2%
SUTTER	575	3.2%	391	2.2%
TEHAMA	160	.9%	111	.6%
TRINITY	199	1.1%	143	.8%
TULARE	75	.4%	54	.3%
TUOLUMNE	493	2.8%	333	1.9%
VENTURA	119	.7%	82	.5%
YOLO	273	1.5%	185	1.0%
YUBA	273	1.5%	189	1.1%
Out of State	140	.8%	92	.5%
Invalid	88	.5%	73	.4%
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TOTAL	17,743	100.0%	12,439	65.3

WYOM

COUNTY	PHEASANT			QUAIL			CHUKAR PARTRIDG		
	BAG	HUNTERS	DAYS	BAG	HUNTERS	DAYS	BAG	HUNTERS	DAYS
ALAMEDA	68	34	34	5,236	714	3,570	0	0	0
ALPINE	0	0	0	1,462	238	510	0	34	0
AMADOR	0	0	0	12,104	918	5,202	170	34	34
BUTTE	1,462	204	782	9,384	1,258	9,316	0	0	0
CALAVARAS	0	0	0	12,988	1,598	7,922	0	0	0
COLUSA	2,142	170	1,462	5,406	714	2,448	0	0	0
CONTRA COSTA	1,350	68	204	986	136	612	0	0	0
DEL NORTE	170	68	170	748	102	510	0	0	0
EL DORADO	34	34	34	8,670	1,224	4,488	0	0	0
FRESNO	1,632	170	850	36,210	3,978	17,918	1,054	340	1,156
GLENN	2,006	136	2,448	4,692	510	2,584	68	34	34
HUMBOLDT	136	34	34	17,762	1,700	8,636	0	0	0
IMPERIAL	102	34	0	21,930	3,162	9,486	0	0	0
INYO	4,386	476	2,414	10,472	1,768	8,942	0	0	0
KERN	680	102	374	97,376	10,064	46,036	2,482	1,564	4,726
KINGS	340	34	34	4,556	578	1,666	5,882	3,672	14,110
LAKE	0	0	0	7,922	1,428	5,950	0	0	0
LASSEN	578	340	340	22,032	1,836	9,316	0	0	0
LOS ANGELES	3,808	272	1,700	28,954	4,046	20,502	10,132	1,530	7,196
MADERA	0	0	0	13,328	1,258	4,284	374	204	660
MARIN	0	0	0	1,802	102	1,394	0	0	0
MARIPOSA	578	204	544	9,520	884	3,876	0	0	0
MENDOCINO	1,802	306	1,700	27,880	3,162	14,212	238	68	68
MERCED	0	0	0	7,718	952	4,216	578	204	1,292
MODOC	0	0	0	15,130	1,190	6,868	136	136	340
MONO	0	0	0	36,006	3,298	12,954	1,836	374	2,278
MONTEREY	0	34	34	7,582	646	3,910	204	34	34
NAPA	0	0	0	8,738	986	3,910	0	0	0
NEVADA	0	0	0	408	306	918	0	0	0
ORANGE	170	34	0	7,344	986	4,862	34	34	68
PLACER	102	34	34	7,072	1,326	6,120	340	68	374
PLUMAS	0	34	34	51,340	5,306	22,270	884	272	680
RIVERSIDE	3,638	408	68	3,740	612	3,128	0	34	68
SACRAMENTO	68	68	2,108	12,070	918	5,236	782	204	1,054
SAN BENITO	0	34	238	70,380	8,092	37,706	4,590	2,720	9,418
SAN BERNARDINO	1,870	374	1,326	29,546	3,230	16,728	272	68	340
SAN DIEGO	8,602	306	1,836	8,466	1,462	6,358	0	0	0
SAN FRANCISCO	0	0	0	41,718	3,910	17,102	340	34	68
SAN JOAQUIN	2,346	272	1,666	1,666	136	952	136	136	408
SAN LUIS OBISPO	204	34	34	37,196	3,196	22,032	0	0	0
SAN MATEO	0	0	0	7,616	782	3,026	1,632	102	1,190
SANTA BARBARA	918	68	714	374	170	544	0	0	0
SANTA CLARA	0	0	0	18,734	2,346	10,404	0	0	0
SANTA CRUZ	0	0	0	952	272	646	0	0	0
SHASTA	68	68	34	26,112	2,754	15,810	0	0	0
SIERRA	136	34	68	2,516	340	986	0	0	0
SISKIYOU	0	0	0	9,350	748	3,128	0	0	0
SOLANO	0	0	0	5,508	1,224	6,426	0	34	34
SONOMA	782	170	340	2,006	374	1,566	0	0	0
STANISLAUS	9,112	714	4,386	15,980	1,904	6,450	0	34	34
SUTTER	272	102	306	2,108	2,108	15,674	0	0	0
TEHAMA	714	102	816	13,770	4,828	13,872	68	204	510
TRINITY	136	102	102	2,244	7,140	7,140	0	0	0
TULARE	5,336	748	2,856	27,472	3,094	15,776	0	0	0
TUOLUMNE	0	0	0	7,174	884	4,146	68	34	68
VENTURA	102	34	34	4,692	714	4,146	102	34	68
YOLO	544	238	952	3,366	510	2,312	0	0	0
YUBA	204	68	136	103,666	477,292		32,402	12,240	46,206
UNKNOWN	0	0	0						
TOTAL	56,610	6,698	31,314	86,938	349,758	923,270	103,666	477,292	



COUNTY	RABBIT			COTTONTAIL			TREE SQUIRREL			COYOTE			BOBCAT		
	BAG	HUNTERS	DAYS	BAG	HUNTERS	DAYS	BAG	HUNTERS	DAYS	BAG	HUNTERS	DAYS	BAG	HUNTERS	DAYS
ALAMEDA	2,710	272	3,944	918	238	2,074	1,020	68	1,938	136	272	3,978	0	0	0
ALPINE	34	102	1,734	408	68	238	170	204	680	0	34	34	0	0	0
AMADOR	170	58	170	578	238	578	1,836	510	1,972	714	506	1,830	0	0	0
BUTTE	1,496	544	2,618	1,258	204	646	7,922	1,326	11,356	442	236	1,394	0	34	1,020
CALAVARAS	374	338	1,564	204	136	272	3,876	918	6,188	238	238	1,938	0	0	0
COLUSA	2,584	408	1,632	204	102	238	680	238	714	102	204	544	0	34	68
CONTRA COSTA	406	136	1,496	170	102	1,462	68	34	34	136	136	1,122	0	34	272
DEL NORTE	0	0	0	170	34	170	34	34	34	0	0	0	0	0	0
EL DORADO	918	170	1,088	850	68	238	3,162	34	4,828	272	578	2,244	0	34	1,088
FRESNO	6,704	1,564	10,370	10,302	1,700	7,650	9,588	1,768	8,262	1,462	816	3,128	0	34	340
GLENN	3,910	442	4,692	0	34	34	2,074	442	2,516	238	204	1,292	0	102	1,292
HUMBOLDT	510	136	1,036	272	136	1,258	7,616	1,358	5,202	680	374	544	0	34	0
IMPERIAL	4,216	782	3,378	7,616	1,358	5,202	3,502	680	3,842	374	272	1,122	0	34	0
INYO	4,046	782	3,978	2,652	884	5,168	0	0	0	170	476	1,588	0	102	0
KERN	45,050	4,420	27,166	4,548	4,998	22,236	12,376	3,638	13,396	2,622	1,632	9,928	0	170	0
KINGS	3,910	442	1,802	5,542	510	3,774	1,292	68	732	272	340	1,632	0	0	0
LASSEN	2,108	476	4,556	374	204	442	4,080	986	6,358	306	204	1,130	0	0	0
LOS ANGELES	6,902	646	5,502	4,352	986	3,740	2,142	544	2,244	1,734	680	2,958	0	34	0
MADERA	8,262	1,462	11,866	16,966	2,074	14,886	2,652	0	0	1,462	918	10,030	0	102	0
MARIN	4,365	374	1,700	1,564	408	1,224	2,652	952	4,726	762	340	7,412	0	0	0
MARIPOSA	0	0	0	0	0	0	170	102	238	34	34	1,156	0	0	0
MENDOCINO	68	34	68	612	136	884	5,100	1,088	4,386	238	66	136	0	58	544
MERCED	850	340	748	102	204	306	6,732	1,292	5,236	1,530	680	1,496	0	34	0
MODOC	4,488	986	3,536	9,112	1,564	7,174	306	68	272	986	408	4,352	0	66	374
MONO	2,822	374	5,814	1,666	340	5,950	1,564	476	2,312	1,292	612	1,564	0	68	272
MONTEREY	1,768	306	1,292	2,822	476	1,632	0	0	0	204	306	4,692	0	34	340
MONTREY	4,862	680	2,380	9,452	1,360	8,160	1,700	680	1,360	136	204	1,802	0	0	0
NAPA	2,686	476	3,468	476	68	714	816	374	1,564	170	102	578	0	68	374
NEVADA	272	136	1,088	102	102	170	1,598	306	1,836	204	238	1,394	0	0	0
ORANGE	170	34	680	0	68	782	0	0	0	34	34	0	0	0	0
PLACER	646	238	680	408	170	884	3,026	918	4,794	612	272	9,146	0	34	170
PLUMAS	170	136	340	782	272	782	2,822	918	4,488	272	408	3,060	0	34	102
RIVERSIDE	12,002	1,530	9,860	25,840	3,162	15,946	0	0	0	1,292	918	4,556	0	136	916
SACRAMENTO	3,366	544	1,938	2,586	340	1,938	204	0	170	306	306	510	0	0	0
SAN BERNITO	714	204	306	1,904	374	1,768	0	68	68	0	272	4,352	0	0	0
SAN BERNARDINO	33,286	4,250	25,330	25,874	4,896	27,574	0	0	0	0	1,802	10,540	0	238	1,496
SAN DIEGO	5,882	918	6,766	15,708	2,006	16,592	0	0	0	6,290	1,020	8,228	0	170	2,278
SAN FRANCISCO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAN JOAQUIN	8,772	1,326	10,744	2,992	714	2,890	1,972	238	986	170	306	1,122	0	0	0
SAN LUIS OBISPO	5,168	442	7,004	4,760	1,122	4,046	374	238	408	748	374	4,794	0	0	0
SAN MATEO	306	102	306	1,190	204	1,394	68	34	408	0	0	0	0	0	0
SANTA BARBARA	1,292	408	1,836	7,990	1,156	6,630	0	0	0	0	0	0	0	0	0
SANTA CLARA	34	34	34	952	170	476	272	102	136	782	238	2,278	0	0	0
SANTA CRUZ	0	0	0	102	102	136	102	68	68	170	136	476	0	68	272
SHASTA	476	306	782	578	272	612	8,874	2,040	10,540	850	544	3,128	0	0	0
SIERRA	204	34	2,108	136	68	272	2,108	170	1,224	272	204	2,346	0	34	0
SISKIYOU	4,420	714	6,120	1,666	442	1,632	7,208	1,700	8,874	2,516	646	18,836	0	0	0
SOLANO	6,052	748	2,958	2,448	136	578	680	68	272	1,870	204	2,754	0	34	340
SONOMA	1,802	442	2,074	476	238	646	884	374	476	1,870	374	2,244	0	34	34
STANISLAUS	2,856	612	5,508	3,774	918	5,508	2,856	544	3,162	1,054	612	3,570	0	34	68
SUTTER	544	238	748	340	204	340	408	136	408	34	68	34	0	0	0
TEHAMA	2,924	408	3,332	136	68	476	10,098	1,734	8,874	1,802	680	5,066	0	0	0
TRINITY	544	170	1,122	510	170	1,088	12,920	1,394	10,778	714	238	2,788	0	68	170
TULARE	10,812	1,326	10,098	1,496	8,738	9,350	2,516	2,516	8,772	1,394	646	5,848	0	34	680
TUOLUMNE	306	170	714	170	374	9,078	612	408	2,788	170	272	1,020	0	0	0
VENTURA	5,576	544	3,366	8,704	1,326	6,596	0	0	0	0	408	2,788	0	0	0
YOLC	6,018	850	16,252	952	238	816	476	102	1,870	1,870	340	3,264	0	0	0
YUBA	1,496	374	3,060	306	170	1,496	0	544	3,672	204	238	918	0	34	204
YUCLA	510	170	476	408	102	340	48	136	340	204	136	510	0	0	0
TOTAL	234,362	34,068	232,628	244,324	39,406	207,570	151,164	34,680	168,844	44,982	22,542	177,004	2,278	0	0

COUNTY	DUCKS			GEESE			JACK SNIPES			COOTS		
	BAG	HUNTERS	DAYS	BAG	HUNTERS	DAYS	BAG	HUNTERS	DAYS	BAG	HUNTERS	DAYS

ALAMEDA	6,302	476	2,890	0	68	510	0	0	0	68	34	34
ALPINE	402	102	306	0	0	0	0	0	0	0	0	0
AMADOR	3,768	306	2,958	102	236	3,094	0	0	0	0	0	0
BUTTE	138,108	6,426	59,058	8,908	2,618	21,998	578	68	374	1,938	374	34
CALAVARAS	850	170	748	102	68	442	0	0	0	68	1,054	34
COLUSA	153,476	8,908	74,324	23,460	5,780	43,418	1,666	136	986	3,468	272	34
CONTRA COSTA	19,652	1,122	8,602	374	238	986	0	0	0	340	1,490	34
DEL NORTE	14,520	510	5,610	136	34	170	0	0	0	0	0	0
EL DORADO	1,156	170	1,836	0	102	782	170	0	0	6,358	68	34
FRESNO	60,350	4,386	20,672	1,122	714	4,624	170	34	68	1,530	34	68
GLENN	52,190	2,516	29,410	10,370	1,734	18,462	170	170	238	952	170	986
HUMBOLDT	14,110	918	7,616	136	88	374	850	170	238	238	68	34
IMPERIAL	77,554	5,168	30,872	3,706	2,312	13,294	102	68	646	1,734	306	34
INYO	5,746	1,054	5,508	340	578	3,638	0	0	0	136	68	782
KERN	50,422	3,468	25,772	578	272	2,176	2,244	238	918	7,004	340	1,700
KINGS	7,310	476	4,386	0	68	544	0	0	0	340	102	102
LAKE	2,822	374	2,176	0	0	0	0	0	0	0	0	0
LASSEN	16,694	1,394	11,050	8,500	1,326	9,316	68	68	68	0	0	0
LOS ANGELES	11,118	476	4,760	340	204	1,190	0	0	0	34	34	34
MADERA	2,414	408	1,530	170	102	748	0	0	0	0	0	0
MARIN	16,524	986	5,474	102	102	748	0	0	0	68	34	34
MARIPOSA	884	68	0	0	0	0	0	0	0	0	0	0
MENDOCINO	2,142	136	1,904	0	0	0	0	0	0	0	0	0
MERCED	246,024	10,132	89,250	7,718	3,434	26,112	578	34	34	0	0	0
MODOC	24,582	2,312	19,822	9,078	2,584	15,878	0	102	612	6,868	408	1,122
MORO	2,958	476	3,264	646	374	2,074	0	0	0	1,020	68	136
MONTEREY	8,296	578	3,842	0	0	0	0	0	0	0	0	0
NAPA	4,046	476	2,822	170	102	238	0	0	0	1,190	102	782
NEVADA	884	204	408	0	68	0	0	0	0	68	34	34
ORANGE	170	34	34	0	0	0	0	0	0	0	0	0
PLACER	6,392	714	4,624	1,190	408	1,564	0	0	0	0	0	0
PLUMAS	5,474	816	5,508	306	510	2,312	0	0	0	170	34	102
RIVERSIDE	41,514	2,244	16,796	1,870	1,190	7,820	170	68	102	340	34	170
SACRAMENTO	54,400	3,026	26,192	5,610	1,598	11,288	1,258	102	340	1,224	170	2,006
SAN BENITO	204	68	68	34	34	34	0	0	0	3,536	136	918
SAN BERNARDINO	10,880	884	4,794	102	340	1,020	0	0	0	0	0	0
SAN DIEGO	14,620	1,088	5,780	476	272	1,224	0	0	0	0	0	0
SAN FRANCISCO	0	0	0	0	0	0	0	0	0	0	0	0
SAN JOAQUIN	28,966	1,938	15,130	3,128	748	8,942	34	34	0	272	102	102
SAN LUIS OBISPO	6,426	748	3,706	680	68	884	578	170	442	0	0	0
SAN MATEO	2,584	272	1,292	0	0	0	0	0	0	170	68	204
SANTA BARBARA	1,734	442	1,700	34	68	576	0	0	0	68	34	34
SANTA CLARA	4,828	408	2,278	0	0	0	0	0	0	0	0	0
SANTA CRUZ	0	0	0	0	0	0	0	0	0	0	0	0
SHASTA	7,174	884	7,004	1,224	748	3,026	0	0	0	306	68	136
SIERRA	1,938	136	1,258	714	136	1,088	0	0	0	680	34	170
SISKIYOU	39,746	3,128	18,938	6,596	2,346	11,934	170	34	1,020	374	34	34
SOLANO	106,760	6,018	55,114	4,726	1,122	8,942	0	0	0	0	0	0
SONOMA	14,008	1,224	9,214	0	34	510	374	102	170	0	0	0
STANISLAUS	29,306	1,768	13,090	2,584	748	5,032	68	34	306	3,196	204	374
SUTTER	62,186	3,536	28,628	3,434	1,462	9,044	238	102	136	714	68	1,054
TEHAMA	10,608	918	5,440	850	442	2,550	0	0	0	2,040	170	646
TRINITY	612	170	646	0	0	0	0	0	0	1,530	272	1,122
TULARE	9,656	1,122	5,712	1,598	442	2,278	0	0	0	170	68	102
TUOLUMNE	442	136	680	0	34	340	374	102	170	0	0	0
VENTURA	16,524	646	6,120	0	0	0	0	0	0	238	136	748
YOLO	46,818	2,992	23,358	2,550	1,360	10,234	1,088	34	0	0	0	0
YUBA	35,768	1,700	19,040	1,054	544	2,652	0	0	0	680	34	170
UNKNOWN	6,698	612	4,964	884	340	1,836	0	0	0	238	102	238
TOTAL	1,512,150	91,868	714,578	116,008	38,794	269,926	11,118	1,972	7,956	306	68	884
										50,660	4,556	18,376

ALPINE	402	102	306	0	0	0	0	0	0	0	0	0
AMADOR	3,768	306	2,958	102	236	3,094	0	0	0	0	0	0
BUTTE	138,108	6,426	59,058	8,908	2,618	21,998	578	68	374	1,938	374	34
CALAVARAS	850	170	748	102	68	442	0	0	0	68	1,054	34
COLUSA	153,476	8,908	74,324	23,460	5,780	43,418	1,666	136	986	3,468	272	34
CONTRA COSTA	19,652	1,122	8,602	374	238	986	0	0	0	0	0	0
DEL NORTE	14,520	510	5,610	136	34	170	0	0	0	0	0	0
EL DORADO	1,156	170	1,836	0	102	782	170	0	0	6,358	68	34
FRESNO	60,350	4,386	20,672	1,122	714	4,624	170	34	68	1,530	34	68
GLENN	52,190	2,516	29,410	10,370	1,734	18,462	170	170	238	952	170	986
HUMBOLDT	14,110	918	7,616	136	88	374	850	170	238	238	68	34
IMPERIAL	77,554	5,168	30,872	3,706	2,312	13,294	102	68	646	1,734	306	34
INYO	5,746	1,054	5,508	340	578	3,638	0	0	0	136	68	782
KERN	50,422	3,468	25,772	578	272	2,176	2,244	238	918	7,004	340	1,700
KINGS	7,310	476	4,386	0	68	544	0	0	0	340	102	102
LAKE	2,822	374	2,176	0	0	0	0	0	0	0	0	0
LASSEN	16,694	1,394	11,050	8,500	1,326	9,316	68	68	68	0	0	0
LOS ANGELES	11,118	476	4,760	340	204	1,190	0	0	0	34	34	34
MADERA	2,414	408	1,530	170	102	748	0	0	0	0	0	0
MARIN	16,524	986	5,474	102	102	748	0	0	0	68	34	34
MARIPOSA	884	68	0	0	0	0	0	0	0	0	0	0
MENDOCINO	2,142	136	1,904	0	0	0	0	0	0	0	0	0
MERCED	246,024	10,132	89,250	7,718	3,434	26,112	578	34	34	0	0	0
MODOC	24,582	2,312	19,822	9,078	2,584	15,878	0	102	612	6,868	408	1,122
MORO	2,958	476	3,264	646	374	2,074	0	0	0	1,020	68	136
MONTEREY	8,296	578	3,842	0	0	0	0	0	0	0	0	0
NAPA	4,046	476	2,822	170	102	238	0	0	0	1,190	102	782
NEVADA	884	204	408	0	68	0	0	0	0	68	34	34
ORANGE	170	34	34	0	0	0	0	0	0	0	0	0
PLACER	6,392	714	4,624	1,190	408	1,564	0	0	0	0	0	0
PLUMAS	5,474	816	5,508	306	510	2,312	0	0	0	170	34	102
RIVERSIDE	41,514	2,244	16,796	1,870	1,190	7,820	170	68	102	340	34	170
SACRAMENTO	54,400	3,026	26,192	5,610	1,598	11,288	1,258	102	340	1,224	170	2,006
SAN BENITO	204	68	68	34	34	34	0	0	0	3,536	136	918
SAN BERNARDINO	10,880	884	4,794	102	340	1,020	0	0	0	0	0	0
SAN DIEGO	14,620	1,088	5,780	476	272	1,224	0	0	0	0	0	0
SAN FRANCISCO	0	0	0	0	0	0	0	0	0	0	0	0
SAN JOAQUIN	28,966	1,938	15,130	3,128	748	8,942	34	34	0	272	102	102
SAN LUIS OBISPO	6,426	748	3,706	680	68	884	578	170	442	0	0	0
SAN MATEO	2,584	272	1,292	0	0	0	0	0	0	170	68	204
SANTA BARBARA	1,734	442	1,700	34	68	576	0	0	0	68	34	34
SANTA CLARA	4,828	408	2,278	0	0	0	0	0	0	0	0	0
SANTA CRUZ	0	0	0	0	0	0	0	0	0	0	0	0
SHASTA	7,174	884	7,004	1,224	748	3,026	0	0	0	306	68	136
SIERRA	1,938	136	1,258	714	136	1,088	0	0	0	680	34	170
SISKIYOU	39,746	3,128	18,938	6,596	2,346	11,934	170	34	1,020	374	34	34
SOLANO	106,760	6,018	55,114	4,726	1,122	8,942	0	0	0	0	0	0
SONOMA	14,008	1,224	9,214	0	34	510	374	102	170	0	0	0
STANISLAUS	29,306	1,768	13,090	2,584	748	5,032	68	34	306	3,196	204	374
SUTTER	62,186	3,536	28,628	3,434	1,462	9,044	238	102	136	714	68	1,054
TEHAMA	10,608	918	5,440	850	442	2,550	0	0	0	2,040	170	

COUNTY	DEER			BEAR			WILD PIG			TOTALS		
	SAG	HUNTERS	DAYS	BAG	HUNTERS	DAYS	BAG	HUNTERS	DAYS	BAG	HUNTERS	DAYS
ALAMEDA	544	1,632	15,600	0	0	0	272	476	6,222	22,882	5,236	41,650
ALPINE	714	4,930	24,106	0	204	612	0	0	0	3,468	5,188	33,184
AMADOR	916	3,804	23,120	0	68	748	0	34	136	30,056	8,364	46,376
BUTTE	745	4,862	26,520	34	306	2,618	34	170	510	242,964	29,172	183,328
CALAVARAS	850	5,678	33,490	0	102	136	0	68	170	30,396	11,356	60,792
COLUSA	306	1,598	9,588	0	0	0	748	918	3,706	257,822	28,832	183,226
CONTRA COSTA	66	374	2,142	0	0	0	68	68	102	43,690	4,488	23,936
DEL NORTE	136	782	8,466	34	170	2,754	0	34	0	22,440	1,904	19,516
EL DORADO	1,122	9,554	60,826	34	374	1,564	0	34	68	23,528	15,402	83,062
FRESNO	646	6,256	29,716	102	476	3,332	952	2,312	14,416	296,752	38,182	170,612
GLENN	442	3,060	18,156	34	238	1,122	68	272	1,190	115,192	16,480	107,134
HUMBOLDT	2,040	4,216	33,014	68	374	1,394	884	408	2,516	42,636	10,438	66,334
IMPERIAL	68	850	5,372	0	0	0	0	0	0	324,428	30,226	120,802
INYO	442	4,046	24,888	0	170	1,020	0	0	0	43,962	13,090	65,994
KERN	1,768	9,554	55,182	102	646	3,162	340	680	2,448	493,408	62,492	294,814
KINGS	68	340	1,224	0	0	0	510	952	2,210	86,156	8,364	37,638
LAKE	1,122	4,624	31,348	0	136	1,020	340	1,020	7,888	23,868	10,676	64,634
LASSEN	2,482	9,724	59,092	0	68	68	68	170	306	90,678	21,930	117,810
LOS ANGELES	578	6,596	44,846	0	340	2,074	306	476	1,734	96,016	20,570	123,080
MADERA	238	3,196	17,102	34	238	1,632	34	272	1,088	90,100	13,566	63,104
MARIN	1,054	1,598	13,294	0	0	0	68	68	68	24,208	3,502	22,814
MARIPOSA	136	2,380	11,866	0	0	0	10,744	8,942	57,358	113,492	8,466	43,690
MENDOCINO	4,624	11,628	87,176	136	1,054	6,562	0	102	986	26,758	5,202	133,994
MERCED	68	476	1,870	0	0	0	4,182	238	816	14,960	9,112	44,234
MODOC	2,210	11,696	74,596	0	34	0	714	102	272	1,802	1,054	6,222
MONO	1,428	5,032	28,254	0	68	1,088	0	0	0	302,906	16,932	96,900
MONTGOMERY	2,414	6,426	33,116	0	170	918	0	0	0	124,712	14,416	81,770
NAPA	578	1,734	14,110	0	0	0	442	238	1,054	209,848	34,918	176,766
NEVADA	612	5,134	29,614	0	0	0	0	0	0	126,684	16,762	97,308
ORANGE	0	306	1,700	0	204	986	0	0	0	34	34	34
PLACER	748	4,182	24,310	0	0	0	102	102	544	139,842	19,346	102,204
PLUMAS	2,142	10,710	67,116	0	306	1,564	0	0	0	113,492	22,372	114,818
RIVERSIDE	340	2,448	13,974	68	408	2,754	0	34	238	8,126	1,224	7,854
SACRAMENTO	102	272	2,448	34	102	476	0	0	68	39,474	12,614	67,222
SAN BENITO	578	1,870	13,532	0	0	0	4,692	3,638	22,134	33,864	9,044	52,292
SAN BERNARDINO	952	5,236	34,374	0	0	0	0	238	1,054	209,848	34,918	176,766
SAN DIEGO	884	3,808	24,922	0	374	4,114	0	0	0	16,762	16,762	97,308
SAN FRANCISCO	0	0	0	0	0	0	0	0	0	0	0	0
SAN JOAQUIN	34	272	2,176	0	0	0	0	0	0	0	0	0
SAN LUIS OBISPO	1,394	6,086	40,630	0	0	0	0	0	0	0	0	0
SAN MATEO	136	272	2,448	0	0	0	102	102	544	139,842	19,346	102,204
SANTA BARBARA	952	5,168	51,408	0	0	0	3,094	4,012	15,946	113,492	22,372	114,818
SANTA CLARA	782	2,278	17,850	34	204	1,020	0	0	0	8,126	1,224	7,854
SANTA CRUZ	102	510	3,400	0	0	0	1,734	2,312	18,122	80,206	15,912	116,926
SHASTA	1,768	9,044	57,868	0	0	0	2,074	2,176	12,580	25,330	7,888	41,446
SIERRA	510	3,604	20,264	136	748	1,972	340	340	646	6,018	1,904	7,242
SISKIYOU	3,910	15,028	117,198	34	136	782	306	646	2,924	59,364	23,120	116,246
SOLANO	102	476	4,964	272	918	6,154	34	34	68	8,466	5,372	32,640
SONOMA	1,224	3,876	29,546	0	0	0	578	102	136	120,700	33,354	223,176
STANISLAUS	612	3,128	17,068	0	68	272	5,338	4,352	20,774	163,030	15,878	100,266
SUTTER	0	204	510	0	0	0	510	646	5,304	55,760	14,450	80,138
TEHAMA	2,380	9,894	55,318	68	340	2,074	476	68	68	122,502	20,468	109,174
TRINITY	1,734	8,024	53,992	136	782	5,202	0	68	476	116,076	12,988	67,150
TULARE	714	8,126	46,750	102	850	5,032	612	544	2,924	284,036	37,468	174,488
TUOLUMNE	1,428	11,322	72,250	102	408	1,636	0	0	0	31,994	18,564	101,762
VENTURA	612	3,672	26,112	102	238	2,278	0	0	0	80,614	11,934	71,434
YOLO	510	1,394	10,506	0	0	0	68	204	1,020	141,474	19,176	117,722
YUBA	272	1,802	12,240	102	34	1,632	68	68	408	72,284	10,402	580
YUCCA	34	136	5,712	0	0	1,224	0	0	0	19,958	3,300	3,018
YUBA	53,244	254,592	1,640,568	1,666	11,796	70,618	44,336	244,970	5,734,916	961,314	5,262,690	

