

California Department of Fish and Game  
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REPORT OF THE 1971 GAME TAKE HUNTER SURVEY

Hunter game take questionnaires were mailed to 12,193 hunting licensees in January 1972. This was a randomly selected sample of 1.7 percent of the estimated 714,000 hunting license purchasers in 1971.

A total of 6,067 usable questionnaires was returned; a response of about 50 percent. The sample indicates that there was hunting effort by about 624,500 hunting licensees who spent some 8,689,200 days in the field.

<u>HUNTING LICENSE SALES</u>	<u>1970</u>	<u>1971</u> <sup>1/</sup>	<u>Change From 1970</u>
Hunting Licenses	756,975	714,000	- 6%
Deer Tags	396,350	380,000	- 4%
Bear Tags	32,674	26,000	-20%
Pheasant Stamps	228,678	207,000	- 9%
Duck Stamps	188,861 <sup>2/</sup>	Not Available	
Mountain Lion Tags	4,750	200**	

<sup>1/</sup>Estimated

<sup>2/</sup>Federal duck stamp figures

\*\*Regulation changes apparently had a drastic effect on lion tag sales (see Hunting Regulation Changes below)

HUNTING REGULATION CHANGES

Deer

One week longer early season. Opened one week later and closed two weeks later. One week longer late season (added at end of season). A portion of San Diego County was closed to hunting.

Mountain Lion

The statewide season was reduced from all year open and no bag limit in 1970 to one adult lion per season. The season was November 15, 1971 through February 29, 1972 or until 50 lions had been taken.

Bear

The bear season opened 20 days later than in 1970.

Pheasant

The pheasant season was shortened to 23 days from the 30-day season in 1970.

Quail

The north coastal counties from San Francisco Bay north opened on September 25, 1971; in 1970 the opening date was October 31.

### Chukar Partridge

The daily bag limit was increased from 6 per day in 1970 to 8 per day in 1971.

### Ruffed/Sierra Grouse

The season length was increased by one week and opened September 4, 1971, three weeks earlier than in 1970.

### Tree Squirrels

Solano County was added to the north bay counties of Napa, Lake, Sonoma and Marin. These counties had an August 7, 1971 opener, this was one week later than the opener in 1970.

### Wild Turkeys

Shasta, Tehama and Trinity Counties were added to the counties open for the fall and spring seasons.

The following tables are appended to this report:

Table 1 - Mailing and Return of Questionnaires, by County of Residence  
1971 Hunter Survey.

Table 2 - Summary of Statewide Game Bag - 1971.

Table 3 - Game Bag, Ten Leading Counties - 1971 (Pheasants, Quail, Doves,  
Band-tailed Pigeons, Jackrabbits, Cottontail/Brush Rabbits,  
Ducks and Geese).

Table 4 - Regional Game Bag, Major Species - 1971.

Table 5 - Distribution of Hunter Effort, by Game Species - 1971.

Table 6 - Hunter Success, Summary 1954-71.

Table 7 - Where Metropolitan Area Hunters Bag Their Game - 1971  
(Expressed in Percent of Bag in the Counties Hunted.)

Summary of Species:   A. Pheasants  
                          B. Quail  
                          C. Doves  
                          D. Ducks  
                          E. Deer

It is of importance to realize that, due to the statistical bias inherent in surveys of this type, the principal value of the total bag figures included in this report is the indication of game bag trends. The respondents to this survey represent about one percent of the total hunting license buying public; consequently, those species of game which attract the smallest number of hunters tend to be more seriously affected by sampling bias and the results may or may not be valid from year to year. The primary use of these survey results is to compare this season with last season and with long-range trends.

The estimated total hunting license sales divided by the number of questionnaires returned, provided the projection factor for calculating total figures. The projection factor used for the 1971-72 hunting season calculations was  $714,000 \div 6,067 = 117.7$ .

#### BAG BY SPECIES

##### UPLAND GAME

<u>PHEASANTS</u>	<u>1970</u>	<u>1971</u>	<u>Change from 1970</u>
Statewide Bag	750,200	700,300	- 7%
Hunters Reported	253,800	227,900	- 10%
Average Seasonal Bag	3.0	3.1	+ 0.1
Total Days Hunted	909,000	804,700	- 11%
Average Days Hunted	3.6	3.5	- 0.1

Respondents to the 1971 hunter survey reported that the decline in the 1971 pheasant bag below 1970 figures was most pronounced in the principal pheasant producing counties of the northern San Joaquin Valley. The reported take for this section of the state in 1971 was about 26 percent lower than the bag they reported in 1970. The Sacramento Valley, the other major geographic area of pheasant abundance in the state sustained a very slight increase in the bag in 1971 over 1970 pheasant hunting results but the increase was so small it was not significant. Hunter effort in these two geographical areas was about equal on a percentage basis being down between 13 and 14 percent.

These results tend to confirm field reports that the pheasant population in the San Joaquin Valley had not experienced normal reproduction in 1971 due to extremely dry and generally adverse conditions.

<u>QUAIL</u>	<u>1970</u>	<u>1971</u>	<u>Change from 1970</u>
Statewide Bag	2,025,600	1,905,200	- 6%
Hunters Reported	211,400	181,500	- 14%
Average Seasonal Bag	9.6	10.5	+ 0.9
Total Days Hunted	837,300	796,400	- 5%
Average Days Hunted	4.0	4.4	+ 0.4

The areas of the Southern San Joaquin Valley and those south of the Tehachapi Mountains which have traditionally dominated the statewide quail bag did so again in 1971. However, their 1971 quail bag was lower by about 11 percent than was reported by survey respondents in 1970. In contrast the south coastal counties from Monterey to Santa Barbara reported 20 percent greater success than 1970 results. The percentage of the statewide quail bag for each of these geographic areas was respectively:

	<u>1970</u>	<u>1971</u>
Southern San Joaquin Valley	21%	20%
South of Tehachapi Mountains	19%	18%
South coastal counties	10%	13%

<u>DOVES</u>	<u>1970</u>	<u>1971</u>	<u>Change from 1970</u>
Statewide Bag	4,712,200	4,248,300	- 10%
Hunters Reported	276,400	242,600	- 12%
Average Seasonal Bag	17.0	17.5	+ 0.5
Total Days Hunted	1,187,000	985,400	- 17%
Average Days Hunted	4.3	4.1	- 0.2

In 1971 California dove hunters again reported a dove bag which though in excess of 4,000,000 birds was 10 percent lower than the reported bag in 1970. The drop in the dove kill was most apparent in the traditional areas of high dove populations, the southern San Joaquin Valley from Fresno County to Kern County and the counties south of the Tehachapi Mountains. Bag figures for the south San Joaquin Valley in 1971 were down by some 15 percent below 1970 results for the same area while south of the Tehachapi Mountains the 1971 decline was about 9 percent under 1970 bag figures for the corresponding section of the state.

The split dove season was again in effect statewide in 1971 with about 92 percent of the doves bagged in the September season and 8 percent in the December season.

<u>BAND-TAILED PIGEONS</u>	<u>1970</u>	<u>1971</u>	<u>Change from 1970</u>
Statewide Bag	181,100	285,800	+ 59%
Hunters Reported	33,000	38,000	+ 15%
Average Seasonal Bag	5.5	7.5	+ 2.0
Total Days Hunted	82,400	96,000	+ 17%
Average Days Hunted	2.5	2.5	No Change

<u>CHUKAR PARTRIDGE</u>	<u>1970</u>	<u>1971</u>	<u>Change from 1970</u>
Statewide Bag	77,200	57,400	- 26%
Hunters Reported	32,700	21,500	- 34%
Average Seasonal Bag	2.4	2.7	+ 0.3
Total Days Hunted	94,100	67,000	- 29%
Average Days Hunted	2.9	3.1	+ 0.2
<u>SAGE GROUSE</u>	<u>1970</u>	<u>1971</u>	<u>Change from 1970</u>
Statewide Bag	11,800	9,900	- 16%
Hunters Reported	10,100	10,100	No Change
Average Seasonal Bag	1.2	1.0	- 0.2
Total Days Hunted	13,500	15,300	+ 13%
Average Days Hunted	1.3	1.5	+ 0.2
<u>SIERRA/RUFFED GROUSE</u>	<u>1970</u>	<u>1971</u>	<u>Change from 1970</u>
Statewide Bag	2,700	4,700	+ 74%
Hunters Reported	4,200	4,700	+ 12%
Average Seasonal Bag	0.6	1.0	+ 0.4
Total Days Hunted	6,200	11,900	+ 91%
Average Days Hunted	1.5	2.5	+ 1.0
<u>JACKRABBITS</u>	<u>1970</u>	<u>1971</u>	<u>Change from 1970</u>
Statewide Bag	1,738,100	1,166,400	- 33%
Hunters Reported	149,900	120,100	- 20%
Average Seasonal Bag	11.6	9.7	- 1.9
Total Days Hunted	1,109,200	888,600	- 20%
Average Days Hunted	7.4	7.4	No Change
<u>COTTONTAIL/BRUSH RABBITS</u>	<u>1970</u>	<u>1971</u>	<u>Change from 1970</u>
Statewide Bag	727,100	570,300	- 22%
Hunters Reported	107,500	89,600	- 20%
Average Seasonal Bag	6.8	6.4	- 0.4
Total Days Hunted	546,800	447,100	- 18%
Average Days Hunted	5.1	5.0	- 0.1
<u>TREE SQUIRRELS</u>	<u>1970</u>	<u>1971</u>	<u>Change from 1970</u>
Statewide Bag	251,100	217,600	- 13%
Hunters Reported	65,100	58,700	- 10%
Average Seasonal Bag	3.9	3.7	- 0.2
Total Days Hunted	244,900	226,300	- 9%
Average Days Hunted	3.8	3.9	+ 0.1
<u>WILD TURKEY</u>	<u>1970</u>	<u>1971</u>	<u>Change from 1970</u>
Statewide Bag	500	1,100	+ 120%
Hunters Reported	1,900	3,900	+ 105%
Average Seasonal Bag	0.3	0.3	No Change

WATERFOWL

<u>DUCKS</u>	<u>1970</u>	<u>1971</u>	<u>Change from 1970</u>
Statewide Bag	3,513,000	3,401,300	- 3%
Hunters Reported	223,100	204,000	- 9%
Average Seasonal Bag	15.7	16.7	+ 1.0
Total Days Hunted	1,636,500	1,410,300	- 14%
Average Days Hunted	7.3	6.9	- 0.4

Though 1971 hunter survey respondents reported a slight decrease in the duck bag compared with 1970 results, it did not indicate a significant change. With almost three and one-half million ducks in the bag the 1971 duck season was very successful.

Survey results confirmed field reports which indicated that duck hunting was excellent in the Sacramento Valley, good in the Suisun-Delta area, good in the southern San Joaquin Valley and poorer than usual in northeastern California, northern San Joaquin Valley and south of the Tehachapi Mountains.

It was felt that the 1971 hunter success could be attributed to good duck populations and relatively dry fall weather which tended to concentrate ducks in the available marshland habitat.

State operated public shooting areas were productive, according to survey respondents, with an increase of 18 percent in the bag compared with 1970 results and a 1971 increase in hunter use to some 170,300 hunter days, from the 157,200 reported in 1970. The average duck hunter use days were 3.3 days per hunter in 1971 and 3.0 days per hunter in 1970, on the public shooting areas.

Private and commercial gun club hunters bagged about 43 percent of the ducks bagged statewide in 1971 which is a significant drop below the 49 percent reported in 1970. The decrease in the bag was accompanied by a 25 percent drop in hunter use on these areas compared with 1970.

<u>GEESE</u>	<u>1970</u>	<u>1971</u>	<u>Change from 1970</u>
Statewide Bag	377,700	373,900	- 1%
Hunters Reported	91,600	86,300	- 6%
Average Seasonal Bag	4.1	4.3	+ 0.2

BIG GAME

<u>DEER (Hunter Survey)</u>	<u>1970</u>	<u>1971</u>	<u>Change from 1970</u>
Statewide Bag	92,200	93,300	+ 1%
Hunters Reported	390,400	375,200	- 4%
Total Days Hunted	3,002,900	2,740,400	- 9%
Average Days Hunted	7.7	7.3	- 0.4

<u>DEER (Tag Returns)</u>	<u>1970</u>	<u>1971</u>	<u>Change from 1970</u>
Statewide Bag	38,645	38,907	+ 1%
Deer Tag Sales	396,350	380,000	- 4%

A very slight increase in the deer take was recorded in 1971 over the 1970 figures for both the hunter survey and deer tag returns. This was accompanied by a decrease in the number of hunters in the field and these hunters reported that they spent less time in the field hunting deer in 1971 than they had in 1970. Presumably the restricted hunting regulations, instituted in 1970 and continued in 1971, achieved the desired result, a curtailment of deer hunter pressure on critical deer ranges.

There were about 31,000 archery deer hunters reported for 1971 which was about 11 percent less than the 35,000 reported in 1970.

<u>BEAR (Hunter Survey)</u>	<u>1970</u>	<u>1971</u>	<u>Change from 1970</u>
Statewide Bag	2,300	1,200	- 48%
Hunters Reported	28,400	20,600	- 27%
Total Days Hunted	168,900	123,600	- 27%
Average Days Hunted	5.9	6.0	+ 0.1

<u>BEAR (Tag Returns)</u>	<u>1970</u>	<u>1971</u>	<u>Change from 1970</u>
Statewide Bag	555	559	+ 1%

<u>WILD PIGS</u>	<u>1970</u>	<u>1971</u>	<u>Change from 1970</u>
Statewide Bag	14,200	15,100	+ 6%
Hunters Reported	22,100	22,400	+ 1%
Total Days Hunted	106,800	76,200	- 29%
Average Days Hunted	4.8	3.4	- 1.4

TABLE 1

## MAILING AND RETURN OF QUESTIONNAIRES BY COUNTY OF RESIDENCE - 1971 HUNTER SURVEY

COUNTY	QUESTIONNAIRES MAILED	PERCENT OF TOTAL MAILED	NUMBER RETURNED	PERCENT RETURNED
ALAMEDA	511	4.2	251	49
ALPINE	1	.1	-	-
AMADOR	27	0.2	17	63
BUTTE	288	2.4	139	48
CALAVERAS	38	0.3	22	58
COLUSA	51	0.4	18	35
CONTRA COSTA	511	4.2	256	50
DEL NORTE	41	0.3	12	29
EL DORADO	76	0.6	39	51
FRESNO	515	4.2	243	47
GLENN	68	0.6	29	43
HUMBOLDT	267	2.2	139	52
IMPERIAL	82	0.7	41	50
INYO	61	0.5	30	49
KERN	406	3.3	192	47
KINGS	88	0.7	43	49
LAKE	58	0.5	26	45
LASSEN	67	0.6	42	63
LOS ANGELES	1,857	15.3	941	51
MADERA	77	0.6	34	44
MARIN	133	1.1	78	59
MARIPOSA	15	0.1	11	73
MENDOCINO	154	1.3	64	42
MERCED	167	1.4	70	42
MODOC	36	0.3	22	61
MONO	16	0.1	8	50
MONTEREY	152	1.2	78	51
NAPA	102	0.8	51	50
NEVADA	49	0.4	23	47
ORANGE	455	3.7	236	52
PLACER	148	1.2	71	48
PLUMAS	45	0.4	27	60
RIVERSIDE	189	1.6	91	48
SACRAMENTO	734	6.0	354	48
SAN BENITO	27	0.2	18	67
SAN BERNARDINO	283	2.3	144	51
SAN DIEGO	404	3.3	210	52
SAN FRANCISCO	172	1.4	85	49
SAN JOAQUIN	357	2.9	177	50
SAN LUIS OBISPO	129	1.1	77	60
SAN MATEO	297	2.4	147	49
SANTA BARBARA	143	1.2	71	50
SANTA CLARA	558	4.6	289	52
SANTA CRUZ	86	0.7	48	56
SHASTA	319	2.6	150	47
SIERRA	11	0.1	6	55
SISKIYOU	175	1.4	97	55
SOLANO	204	1.7	108	53
SONOMA	240	2.0	107	45
STANISLAUS	284	2.3	137	48
SUTTER	115	1.0	60	52
TEHAMA	125	1.0	59	47
TRINITY	39	0.3	18	46
TULARE	249	2.0	113	45
TUOLUMNE	64	0.5	30	47
VENTURA	166	1.4	81	49
YOLO	140	1.2	80	57
YUBA	110	0.9	51	46
NONRESIDENT	11	0.1	6	55
TOTAL	12,193	100.0	6,067	50



TABLE 2

## SUMMARY OF STATEWIDE GAME BAG - 1971

<u>Species</u>	<u>Yearly Average 1965-69</u>	<u>1970</u>	<u>1971</u>	<u>% Change From 1970</u>
Pheasant	724,500	750,200	700,300	- 7
Quail	2,324,400	2,025,600	1,905,200	- 6
Dove	4,548,300	4,712,200	4,248,300	- 10
Chukar Partridge	78,500	77,200	57,400	- 26
Sage Grouse*	4,400	11,800	9,900	- 16
Sierra and Ruffed Grouse	3,700	2,700	4,700	+ 74
Band-tailed Pigeons	262,200	181,100	285,800	+ 59
Jackrabbits	2,239,800	1,738,100	1,166,400	- 33
Cottontail/Brush Rabbits	840,400	727,100	570,300	- 22
Tree Squirrels	205,900	251,100	217,600	- 13
Ducks	2,942,300	3,513,000	3,401,300	- 3
Geese	337,700	377,700	373,900	- 1
Jacksnipes	71,200	59,500	92,000	+ 55
Coots	499,500	566,200	420,000	- 26
Buck Deer (Hunter Survey)	119,500	92,200	93,300	+ 1
Buck Deer (Tag Count)	54,067	38,645	38,907	+ 1
Bears (Hunter Survey)	2,500	2,300	1,200	- 48
Bears (Tag Count)	950	555	559	+ 1
Wild Pigs	12,500	14,200	15,100	+ 6
Wild Turkeys**	400	500	1,100	+120

\*Sage Grouse, 3 year average, no season 1967 and 1968.

\*\*Wild Turkeys, 2 year average, the first season held in 1968.

TABLE 4

DISTRIBUTION OF MAJOR GAME SPECIES BY ADMINISTRATIVE REGION - 1970-71  
(Percentage of State Bag)

	<u>Pheasants</u>		<u>Quail</u>		<u>Doves</u>		<u>Jackrabbits</u>		<u>Cottontail</u>		<u>Ducks</u>	
	<u>1970</u>	<u>1971</u>	<u>1970</u>	<u>1971</u>	<u>1970</u>	<u>1971</u>	<u>1970</u>	<u>1971</u>	<u>1970</u>	<u>1971</u>	<u>1970</u>	<u>1971</u>
Region 1	5	4	12	12	6	7	12	18	8	5	10	10
Region 2	47	50	15	16	17	18	18	19	5	3	45	47
Region 3	7	7	19	19	12	12	10	8	12	15	8	7
Region 4	35	30	27	28	38	35	40	33	32	30	26	26
Region 5	<u>6</u>	<u>9</u>	<u>27</u>	<u>25</u>	<u>27</u>	<u>28</u>	<u>20</u>	<u>22</u>	<u>43</u>	<u>47</u>	<u>11</u>	<u>10</u>
TOTALS	100	100	100	100	100	100	100	100	100	100	100	100

TABLE 3

GAME BAG - 1970

(TEN LEADING COUNTIES)

<u>PHEASANTS</u>			<u>JACKRABBITS</u>		
	<u>% OF STATE TOTAL</u>	<u>POSITION 1969</u>		<u>% OF STATE TOTAL</u>	<u>POSITION 1969</u>
1. FRESNO	9.0	4	1. KERN	17.8	2
2. STANISLAUS	7.1	8	2. SAN BERNARDINO	7.6	1
3. MERCED	7.1	2	3. FRESNO	7.6	7
4. YOLO	6.3	3	4. LASSEN	6.4	15
5. SUTTER	6.2	6	5. TULARE	4.5	12
6. COLUSA	5.8	5	6. SACRAMENTO	3.9	16
7. BUTTE	5.5	1	7. SAN JOAQUIN	3.4	5
8. SAN JOAQUIN	5.3	7	8. MERCED	3.3	3
9. SACRAMENTO	5.1	9	9. LOS ANGELES	3.0	6
10. SOLANO	5.0	10	10. STANISLAUS	3.0	14
ALL OTHERS	<u>37.6</u>		ALL OTHERS	<u>39.5</u>	
TOTAL	100.0		TOTAL	100.0	
<u>QUAIL</u>			<u>RABBITS (COTTONTAIL/BRUSH)</u>		
1. KERN	9.6	1	1. KERN	15.2	1
2. FRESNO	7.8	5	2. RIVERSIDE	10.9	3
3. RIVERSIDE	5.0	2	3. SAN DIEGO	7.8	4
4. SAN DIEGO	4.7	6	4. FRESNO	6.1	8
5. LOS ANGELES	3.7	4	5. SAN BERNARDINO	5.9	2
6. TULARE	3.4	7	6. LOS ANGELES	5.0	6
7. SAN BERNARDINO	3.1	3	7. LASSEN	4.2	11
8. IMPERIAL	3.0	17	8. VENTURA	3.9	5
9. MONTEREY	2.9	16	9. MERCED	2.7	12
10. LASSEN	2.8	32	10. TULARE	2.7	13
ALL OTHERS	<u>54.0</u>		ALL OTHERS	<u>35.6</u>	
TOTAL	100.0		TOTAL	100.0	
<u>DOVES</u>			<u>DUCKS</u>		
1. IMPERIAL	9.2	2	1. MERCED	16.9	1
2. FRESNO	9.2	1	2. SOLANO	11.6	3
3. KERN	9.0	3	3. COLUSA	8.0	2
4. TULARE	7.9	4	4. YOLO	5.5	12
5. RIVERSIDE	5.2	5	5. BUTTE	4.9	4
6. MERCED	3.8	6	6. IMPERIAL	4.5	7
7. STANISLAUS	3.1	9	7. SISKIYOU	4.0	8
8. SAN DIEGO	3.0	12	8. GLENN	3.7	5
9. BUTTE	2.5	8	9. FRESNO	2.7	11
10. KINGS	2.5	13	10. KERN	2.6	6
ALL OTHERS	<u>44.6</u>		ALL OTHERS	<u>35.6</u>	
TOTAL	100.0		TOTAL	100.0	
<u>BAND-TAILED PIGEONS</u>			<u>GEESE</u>		
1. MONTEREY	15.1	7	1. COLUSA	19.3	1
2. SHASTA	12.5	2	2. SISKIYOU	11.8	3
3. SAN LUIS OBISPO	6.5	4	3. GLENN	11.5	2
4. AMADOR	5.3	26	4. BUTTE	8.3	4
5. SANTA BARBARA	5.3	31	5. MODOC	8.1	5
6. EL DORADO	5.1	21	6. MERCED	7.3	7
7. SANTA CRUZ	5.1	8	7. IMPERIAL	6.1	10
8. PLACER	4.8	25	8. SACRAMENTO	3.7	9
9. FRESNO	3.9	18	9. SUTTER	3.3	8
10. MENDOCINO	3.5	1	10. YOLO	3.2	11
ALL OTHERS	<u>32.9</u>		ALL OTHERS	<u>17.4</u>	
TOTAL	100.0		TOTAL	100.0	

TABLE 5

## DISTRIBUTION OF HUNTER EFFORT, BY GAME SPECIES - 1971

Species	Percent			Number		
	Successful Hunters	Unsuccessful Hunters	Total Hunters	Successful Hunters	Unsuccessful Hunters	Total Hunters
Deer	13	47	60	82,100	293,100	375,200
Doves	36	3	39	224,600	18,000	242,600
Pheasants	26	10	36	164,100	63,800	227,900
Quail	23	6	29	144,900	36,600	181,500
Ducks	28	5	33	172,300	31,700	204,000
Jackrabbits	17	2	19	107,700	12,400	120,100
Cottontail						
Brush Rabbits	12	2	14	78,200	11,400	89,600
Geese	10	4	14	63,300	23,000	86,300
Tree Squirrels	8	1	9	48,200	10,500	58,700
Band-tailed						
Pigeons	5	1	6	30,100	7,900	38,000
Bears	T	3	3	1,200	19,400	20,600
Coots	5	T	5	29,600	1,400	31,000
Chukar						
Partridges	1	2	3	9,200	12,300	21,500
Wild Pigs	1	2	3	7,900	14,500	22,400
Jacksnipes	2	T	2	10,500	900	11,400
Sage Grouse	1	1	2	5,900	4,200	10,100
Sierra/Ruffed						
Grouse	T	T	1	2,300	2,400	4,700
Wild Turkeys	T	T	1	800	3,100	3,900

Total Individual Hunters - 624,500

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

TABLE 6

## HUNTER SUCCESS

As Reported by Hunter Survey Respondents

(In Percent)

	<u>Did Not Hunt</u>	<u>Hunted Unsuccessfully</u>	<u>Hunted Successfully</u>
1954	8	26	66
1955	10	23	67
1956	11	22	67
1957	12	22	66
1958	8	23	69
1959	7	27	66
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

TABLE 7-A

WHERE METROPOLITAN AREA PHEASANT HUNTERS BAGGED THEIR PHEASANTS - 1971  
 EXPRESSED IN PERCENT OF BAG BY METROPOLITAN AREA HUNTERS IN THE COUNTIES THEY HUNTED

(STATEWIDE BAG 700,300)

PERCENTAGE OF STATE BAG	(13%) BAY AREA ALAMEDA S.F. CON.COSTA COUNTIES	(5%) SAN JOSE AREA SANTA CLARA COUNTY	(5%) STOCKTON AREA SAN JOAQUIN COUNTY	(9%) SACTO. AREA SACRA- MENTO COUNTY	(4%) CHICO AREA BUTTE COUNTY	(1%) REDDING AREA SHASTA COUNTY	(1%) EUREKA AREA HUM- BOLDT COUNTY	(5%) FRESNO AREA FRESNO COUNTY	(2%) BKSFLD. AREA KERN COUNTY	(10%) L.A. AREA L.A. ORGE. COUN.	(2%) S. DIEGO AREA SAN DIEGO COUNTY
ALAMEDA	4	-	-	-	-	-	-	-	-	-	-
AMADOR	-	-	8	-	-	-	-	-	-	-	-
BUTTE	4	2	-	-	83	9	43	2	-	-	-
COLUSA	12	9	-	4	-	5	-	-	-	-	-
CONTRA COSTA	8	-	-	-	-	-	-	-	-	-	-
FRESNO	3	8	-	-	-	-	-	77	3	13	2
GLENN	5	2	-	-	7	13	24	-	-	-	3
IMPERIAL	-	-	-	-	-	-	-	-	-	11	62
INYO	-	-	-	-	-	-	-	-	-	4	-
KERN	-	-	-	-	-	-	-	-	34	15	-
KINGS	-	3	-	-	-	-	-	3	17	-	-
LASSEN	-	-	-	-	-	-	7	-	-	-	-
LOS ANGELES	-	-	-	-	-	-	-	-	-	4	-
MADERA	2	-	-	-	-	-	-	4	2	3	-
MERCED	5	27	-	-	-	-	-	7	11	3	-
MODOC	-	-	-	-	-	28	13	-	-	-	-
ORANGE	-	-	-	-	-	-	-	-	-	2	-
PLACER	-	-	-	7	-	-	-	-	-	-	-
RIVERSIDE	-	-	-	-	-	-	-	-	8	6	3
SACRAMENTO	7	16	-	42	2	-	-	-	3	4	3
SAN BERNARDINO	-	-	-	-	-	-	-	-	-	10	-
SAN DIEGO	-	-	-	-	-	-	-	-	-	2	22
SAN JOAQUIN	8	3	83	2	-	-	4	-	-	-	-
SAN MATEO	-	5	-	-	-	-	-	-	-	-	-
SANTA CLARA	-	14	-	-	-	-	-	-	-	-	-
SHASTA	-	-	-	-	-	15	-	-	-	-	-
SISKIYOU	-	-	-	-	-	-	4	-	-	-	-
SOLANO	16	-	3	5	-	-	-	-	-	-	-
STANISLAUS	4	3	3	-	-	-	-	-	2	-	-
SUTTER	6	3	-	15	4	-	-	-	-	3	2
TEHAMA	-	-	-	-	2	29	-	-	-	-	-
TULARE	-	-	-	-	-	-	-	3	18	7	3
VENTURA	-	-	-	-	-	-	-	-	-	2	-
YOLO	7	-	-	20	-	-	-	-	-	-	-
YUBA	-	-	-	2	2	-	4	-	2	-	-
ALL OTHERS	9	5	3	3	-	1	1	4	-	11	-
TOTAL	100	100	100	100	100	100	100	100	100	100	100

TABLE 7-B

## WHERE METROPOLITAN AREA QUAIL HUNTERS BAGGED THEIR QUAIL - 1971

EXPRESSED IN PERCENT OF BAG BY METROPOLITAN AREA HUNTERS IN THE COUNTIES THEY HUNTED

(STATEWIDE BAG 1,905,200)

PERCENTAGE OF STATE BAG	(6%) BAY AREA ALAMEDA S.F. CON.COSTA COUNTIES	(3%) SAN JOSE AREA SANTA CLARA COUNTY	(3%) STOCKTON AREA SAN JOAQUIN COUNTY	(2%) SACTO. AREA SACRA- MENTO COUNTY	(2%) CHICO AREA BUTTE COUNTY	(3%) REDDING AREA SHASTA COUNTY	(2%) EUREKA AREA HUM- BOLDT COUNTY	(6%) FRESNO AREA FRESNO COUNTY	(7%) BRSFLD. AREA KERN COUNTY	(14%) L.A. AREA L.A. ORGE. COUN.	(6%) S. DIEGO AREA SAN DIEGO COUNTY
ALAMEDA	12	6	-	-	-	-	-	-	-	-	-
AMADOR	-	-	3	9	-	-	-	-	-	-	-
BUTTE	-	-	-	4	62	-	-	-	-	-	2
CALAVERAS	-	-	14	-	2	-	-	-	-	-	-
CONTRA COSTA	4	-	-	-	-	-	-	-	-	-	-
EL DORADO	-	-	-	10	-	-	-	-	-	-	-
FRESNO	2	-	-	-	-	-	-	70	-	-	-
HUMBOLDT	-	2	-	-	-	-	86	-	-	-	-
IMPERIAL	8	-	-	-	-	-	-	-	-	7	14
INYO	-	-	-	-	-	-	-	-	-	3	-
KERN	-	-	2	2	-	-	-	-	80	25	-
KINGS	-	6	-	-	-	-	-	-	-	-	-
LAKE	5	-	-	-	-	-	-	-	-	-	-
LASSEN	-	-	-	7	-	7	-	-	-	-	3
LOS ANGELES	2	-	-	-	-	-	-	-	-	21	-
MADERA	-	-	-	-	-	-	-	22	-	-	-
MENDOCINO	9	2	-	-	-	-	-	-	-	-	-
MERCED	-	2	-	-	-	-	-	-	-	-	-
MODOC	-	-	-	-	3	-	-	-	-	-	-
MONTEREY	-	15	-	-	-	-	-	-	-	-	-
NAPA	2	-	-	-	-	-	-	-	-	-	-
NEVADA	3	-	-	6	-	-	-	-	-	-	-
PLACER	-	-	-	8	-	-	-	-	-	-	-
PLUMAS	-	-	-	3	9	-	-	-	-	-	-
RIVERSIDE	-	-	-	-	-	-	-	-	-	13	-
SACRAMENTO	-	-	-	14	-	-	-	-	-	-	-
SAN BENITO	5	4	-	-	-	-	-	-	-	-	-
SAN BERNARDINO	-	-	-	-	-	-	-	-	-	8	3
SAN DIEGO	-	-	-	-	-	-	-	-	-	4	76
SAN JOAQUIN	2	3	69	9	-	-	-	-	-	-	-
SAN MATEO	5	-	-	-	-	-	-	-	-	-	-
SANTA BARBARA	-	-	-	-	-	-	-	-	2	-	-
SANTA CLARA	-	51	-	2	-	-	-	-	-	-	-
SANTA CRUZ	-	2	-	-	-	-	-	-	-	-	-
SHASTA	-	-	-	-	2	82	2	-	-	-	-
SIERRA	-	-	-	4	3	-	-	-	-	-	-
SONOMA	3	-	-	-	-	-	-	-	-	-	-
STANISLAUS	11	-	4	-	-	-	-	-	-	-	-
SUTTER	-	-	-	14	-	-	-	-	-	-	-
TEHAMA	-	-	-	-	7	4	-	-	-	-	-
TRINITY	-	-	-	-	-	6	6	-	-	-	-
TULARE	-	-	6	3	12	-	-	-	17	4	-
TUOLUMNE	2	-	-	-	-	-	-	-	-	-	-
VENTURA	-	-	-	-	-	-	-	-	-	5	-
YUBA	9	-	-	-	-	-	-	-	-	-	-
ALL OTHERS	16	7	2	5	-	1	6	8	1	10	2
TOTAL	100	100	100	100	100	100	100	100	100	100	100

TABLE 7-C

WHERE METROPOLITAN AREA DOVE HUNTERS BAGGED THEIR DOVES -- 1971

EXPRESSED IN PERCENT OF BAG BY METROPOLITAN AREA HUNTERS IN THE COUNTIES THEY HUNTED

(STATEWIDE BAG 4,248,300)

PERCENTAGE OF STATE BAG	(8%) BAY AREA ALAMEDA S.F. CON.COSTA COUNTIES	(3%) SAN JOSE AREA SANTA CLARA COUNTY	(3%) STOCKTON AREA SAN JOAQUIN COUNTY	(4%) SACTO. AREA SACRA- MENTO COUNTY	(3%) CHICO AREA BUTTE COUNTY	(2%) REDDING AREA SHASTA COUNTY	(1) EUREKA AREA HUM- BOLDT COUNTY	(8%) FRESNO AREA FRESNO COUNTY	(7%) BKSFLD. AREA KERN COUNTY	(16%) L.A. AREA L.A. ORGE. COUN.	(5%) S. DIEGO AREA SAN DIEGO COUNTY
ALAMEDA	12	-	-	-	-	-	-	-	-	-	-
AMADOR	-	-	-	2	-	-	-	-	-	-	-
BUTTE	-	-	-	2	84	-	-	-	-	-	-
COLUSA	9	-	-	11	-	-	-	-	-	-	-
CONTRA COSTA	16	-	-	-	-	-	-	-	-	-	-
FRESNO	7	2	-	5	-	-	-	81	-	2	-
HUMBOLDT	-	-	-	-	-	-	51	-	-	-	-
IMPERIAL	-	-	-	-	-	-	-	-	-	26	41
KERN	3	-	-	-	-	-	-	-	76	14	-
KINGS	-	-	-	-	-	-	-	6	7	-	-
LAKE	-	-	-	-	-	-	26	-	-	-	-
LASSEN	-	-	-	3	-	15	-	-	-	-	-
LOS ANGELES	-	-	-	-	-	-	-	-	-	15	-
MADERA	6	-	-	-	-	-	-	5	-	-	-
MERCED	4	7	-	-	-	-	-	-	-	-	-
MODOC	-	-	-	-	2	12	-	-	-	-	-
MONTEREY	3	4	-	-	-	-	-	-	-	-	-
NAPA	2	-	-	-	-	-	-	-	-	-	-
ORANGE	-	-	-	-	-	-	-	-	-	4	-
PLACER	-	-	-	9	-	-	-	-	-	-	-
RIVERSIDE	-	-	-	-	-	-	-	-	-	17	-
SACRAMENTO	-	-	-	34	-	-	-	-	-	-	-
SAN BENITO	-	8	-	-	-	-	-	-	-	-	-
SAN BERNARDINO	-	-	-	-	-	-	-	-	-	6	-
SAN DIEGO	-	-	-	-	-	-	-	-	-	2	53
SAN JOAQUIN	5	-	86	2	-	-	-	-	-	-	-
SAN LUIS OBISPO	3	3	-	-	-	-	-	-	-	-	-
SANTA CLARA	2	67	-	-	-	-	3	-	-	-	-
SHASTA	-	-	-	2	3	47	7	-	-	-	-
SISKIYOU	-	-	-	-	-	-	3	-	-	-	-
SOLANO	2	-	-	2	-	-	-	-	-	-	-
STANISLAUS	5	-	2	5	-	-	-	-	-	-	-
SUTTER	-	-	-	5	-	-	-	-	-	-	-
TEHAMA	4	-	-	2	6	19	-	-	-	-	-
TRINITY	-	-	-	-	-	7	-	-	-	-	-
TULARE	3	4	8	2	3	-	-	3	15	4	-
VENTURA	-	-	-	-	-	-	-	-	-	4	-
YOLO	3	-	-	8	-	-	-	-	-	-	-
YUBA	-	-	-	2	-	-	-	-	-	-	-
ALL OTHERS	11	5	4	4	2	-	10	5	2	6	6
TOTAL	100	100	100	100	100	100	100	100	100	100	100



TABLE 7-D

WHERE METROPOLITAN AREA DUCK HUNTERS BAGGED THEIR DUCKS - 1971

EXPRESSED IN PERCENT OF BAG BY METROPOLITAN AREA HUNTERS IN THE COUNTIES THEY HUNTED

(STATEWIDE BAG 3,401,300)

PERCENTAGE OF STATE BAG	(23%) BAY AREA ALAMEDA S.F. CON.COSTA COUNTIES	(7%) SAN JOSE AREA SANTA CLARA COUNTY	(3%) STOCKTON AREA SAN JOAQUIN COUNTY	(7%) SACTO. AREA SACRA- MENTO COUNTY	(3%) CHICO AREA BUTTE COUNTY	(2%) REDDING AREA SHASTA COUNTY	(2%) EUREKA AREA HUM- BOLDT COUNTY	(4%) FRESNO AREA FRESNO COUNTY	(2%) BKSFLD. AREA KERN COUNTY	(9%) L.A. AREA L.A. ORNG. COUN.	(2%) S. DIEGO AREA SAN DIEGO COUNTY
ALAMEDA	9	-	-	-	-	-	-	-	-	-	-
BUTTE	10	2	2	6	67	3	-	-	-	-	-
COLUSA	12	12	-	24	-	7	-	-	-	-	-
CONTRA COSTA	4	-	-	-	-	-	-	3	-	-	-
FRESNO	-	2	-	-	-	-	-	40	-	6	-
GLENN	5	-	4	5	26	-	-	-	-	-	-
HUMBOLDT	-	-	-	-	-	-	76	-	-	-	-
IMPERIAL	-	-	-	-	-	-	-	-	-	21	47
INYO	-	-	-	-	-	-	-	-	-	3	-
KERN	-	-	-	-	-	-	-	-	79	28	-
KINGS	-	-	-	-	-	-	-	2	-	-	-
LASSEN	-	-	-	-	-	13	-	-	-	-	4
LOS ANGELES	-	-	-	-	-	-	-	-	2	8	-
MADERA	-	-	-	-	-	-	-	4	-	-	-
MERCED	12	55	2	3	-	-	-	45	7	3	-
MODOC	-	-	-	-	-	12	2	2	3	2	-
ORANGE	-	-	-	-	-	-	-	-	-	3	-
PLACER	-	-	-	3	-	-	-	-	-	-	-
RIVERSIDE	-	-	-	-	-	-	-	-	-	4	-
SACRAMENTO	2	2	4	10	-	-	-	-	-	-	-
SAN BERNARDINO	-	-	-	-	-	-	-	-	-	4	-
SAN DIEGO	-	-	-	-	-	-	-	-	-	-	44
SAN JOAQUIN	2	-	76	-	-	-	-	-	-	-	-
SAN MATEO	3	-	-	-	-	-	-	-	-	-	-
SANTA CLARA	-	10	-	-	-	-	-	-	-	-	-
SHASTA	-	-	-	-	-	48	9	-	-	-	-
SISKIYOU	-	-	-	-	-	12	7	-	-	4	-
SOLANO	24	2	7	14	-	-	-	-	-	-	-
STANISLAUS	-	3	2	-	-	-	-	-	-	-	-
SUTTER	-	-	-	13	-	-	-	-	-	-	-
TEHAMA	-	-	-	-	2	3	-	-	-	-	-
TULARE	-	-	-	-	-	-	-	-	7	3	-
VENTURA	-	-	-	-	-	-	-	-	-	2	-
YOLO	3	2	-	12	-	-	-	-	-	-	-
YUBA	4	-	-	2	-	-	-	-	-	-	-
ALL OTHERS	10	10	3	8	5	2	6	4	2	9	5
TOTAL	100	100	100	100	100	100	100	100	100	100	100

TABLE 7-E

## WHERE METROPOLITAN AREA DEER HUNTERS BAGGED THEIR DEER - 1971

EXPRESSED IN PERCENT OF BAG BY METROPOLITAN AREA HUNTERS IN THE COUNTIES THEY HUNTED

(STATEWIDE BAG 93,300)

PERCENTAGE OF STATE BAG	(10%) BAY AREA ALAMEDA S.F. CON.COSTA COUNTIES	(5%) SAN JOSE AREA SANTA CLARA COUNTY	(2%) STOCKTON AREA SAN JOAQUIN COUNTY	(4%) SACTO. AREA SACRA- MENTO COUNTY	(4%) CHICO AREA BUTTE COUNTY	(4%) REDDING AREA SHASTA COUNTY	(6%) EUREKA AREA HUM- BOLDT COUNTY	(3%) FRESNO AREA FRESNO COUNTY	(3%) BKSFLD. AREA KERN COUNTY	(6%) L.A. AREA L.A. ORNG. COUN.	(2%) S.DIEGO AREA SAN DIEGO COUNTY
ALAMEDA	14	3	-	-	-	-	-	-	-	-	-
ALPINE	-	3	33	-	-	-	-	4	-	-	-
AMADOR	-	-	-	7	-	-	-	-	-	-	-
BUTTE	-	-	-	3	17	-	-	-	-	-	-
CALAVERAS	-	-	17	3	-	-	-	-	-	-	-
CONTRA COSTA	6	-	-	-	-	-	-	-	-	-	-
EL DORADO	2	3	5	16	-	-	-	-	-	-	-
FRESNO	-	-	-	-	-	-	-	64	-	2	-
GLENN	2	-	-	-	3	-	-	-	-	-	-
HUMBOLDT	-	5	5	3	-	-	80	-	-	-	-
INYO	-	-	-	-	-	-	-	-	-	4	-
KERN	-	-	-	-	-	-	-	-	48	8	-
LAKE	7	3	5	-	-	-	-	-	-	-	-
LASSEN	4	3	5	19	7	13	2	4	-	-	5
LOS ANGELES	-	-	-	-	-	-	-	-	-	28	-
MADERA	-	-	-	-	-	-	-	8	-	-	-
MARIPOSA	-	3	-	-	-	-	-	4	-	-	-
MENDOCINO	12	-	-	-	7	-	4	4	-	4	-
MODOC	5	3	-	-	7	9	-	-	-	-	5
MONO	-	-	-	-	-	3	-	4	-	6	10
MONTEREY	-	11	-	-	-	-	-	4	-	-	-
NEVADA	4	-	-	7	-	-	-	-	-	-	-
ORANGE	-	-	-	-	-	-	-	-	-	6	-
PLACER	4	3	5	7	-	-	-	-	-	2	-
PLUMAS	4	5	-	3	17	-	-	-	4	4	5
RIVERSIDE	-	-	-	-	-	-	-	-	-	4	5
SAN BERNARDINO	-	-	-	-	-	-	-	-	-	2	-
SAN DIEGO	-	-	-	-	-	-	-	-	-	-	55
SAN LUIS OBISPO	2	-	-	-	-	-	-	4	4	2	-
SANTA BARBARA	-	-	-	-	-	-	-	-	-	2	-
SANTA CLARA	-	27	-	3	-	-	-	-	-	-	-
SHASTA	4	5	-	-	3	57	-	-	-	-	-
SIERRA	-	-	-	7	-	-	-	-	-	2	-
SISKIYOU	4	-	-	3	3	3	-	-	-	-	5
SONOMA	4	-	-	-	7	-	-	-	-	2	5
STANISLAUS	-	3	-	-	-	-	-	-	-	-	-
TEHAMA	8	14	5	10	29	6	-	-	-	6	-
TRINITY	-	3	-	3	-	9	14	-	4	2	-
TULARE	-	-	-	3	-	-	-	-	40	2	5
TUOLUMNE	-	3	17	-	-	-	-	-	-	2	-
VENTURA	-	-	-	-	-	-	-	-	-	10	-
ALL OTHERS	14	-	3	3	-	-	-	-	-	-	-
TOTAL	100	100	100	100	100	100	100	100	100	100	100

1971 Hunter Survey	Pheasant s		Quail		Doves	
	Bag	Hunters	Bag	Hunters	Bag	Hunters
1 ALAMEDA	3,300	1,600	17,300	1,100	39,000	2,200
2 ALPINE	-	-	1,800	400	100	100
3 AMADOR	3,500	400	11,800	2,200	18,000	1,500
4 BUTTE	43,600	11,100	34,300	5,300	113,200	7,100
5 CALAVERAS	800	200	46,100	3,200	20,600	1,400
6 COLUSA	35,100	10,600	3,100	900	73,000	4,800
7 CONTRA COSTA	9,500	4,100	4,200	1,200	56,100	4,400
8 DEL NORTE	-	-	1,400	200	-	-
9 EL DORADO	-	-	15,700	2,700	12,400	1,500
10 FRESNO	49,400	21,800	91,600	8,900	340,500	18,400
11 GLENN	20,800	8,400	8,900	1,200	34,000	2,500
12 HUMBOLDT	-	100	37,200	4,400	4,100	700
13 IMPERIAL	29,200	14,800	63,900	7,400	390,500	24,200
14 INYO	5,300	2,900	17,900	3,500	24,800	2,600
15 KERN	18,800	10,700	195,500	21,100	336,900	19,300
16 KINGS	15,100	6,100	9,900	1,200	145,800	5,200
17 LAKE	-	200	19,800	3,200	22,800	1,800
18 LASSEN	3,100	1,900	24,300	2,700	57,200	4,100
19 LOS ANGELES	2,700	700	59,900	7,300	103,500	6,100
20 MADERA	14,800	5,300	50,900	3,800	71,700	4,000
21 MARIN	11,700	800	8,900	800	800	400
22 MARIPOSA	-	-	14,400	1,600	15,100	600
23 MENDOCINO	-	100	36,800	5,400	10,200	900
24 MERCED	43,100	15,700	29,900	2,100	106,400	7,400
25 MODOC	8,200	2,600	14,700	1,400	23,700	1,600
26 MONO	700	900	2,600	800	18,400	1,400
27 MONTEREY	1,600	900	77,000	5,200	82,000	4,700
28 NAPA	1,900	900	5,500	800	21,700	1,900
29 NEVADA	-	-	17,400	2,000	1,200	100
30 ORANGE	1,400	400	3,400	600	25,800	2,000
31 PLACER	13,100	4,200	40,500	3,500	37,700	3,600
32 PLUMAS	-	-	8,000	1,600	2,800	600
33 RIVERSIDE	7,400	2,200	72,700	12,000	218,900	14,900
34 SACRAMENTO	48,300	16,600	11,900	2,100	69,400	5,200
35 San BENITO	3,200	800	42,700	2,700	46,600	2,400
36 San BERNARDINO	9,300	2,000	60,000	8,200	108,400	7,800
37 San DIEGO	4,100	900	88,000	7,300	117,700	7,900
38 San FRANCISCO	-	-	-	-	-	-
39 San JOAQUIN	40,700	15,200	49,200	4,500	143,700	9,200
40 San LUIS OBISPO	-	200	65,700	4,500	96,800	4,900
41 San MATEO	2,200	400	7,100	800	2,400	500
42 Santa BARBARA	800	100	53,100	4,700	59,900	3,400
43 Santa CLARA	4,300	2,100	30,100	3,200	82,500	4,400
44 Santa CRUZ	800	400	6,200	900	8,600	800
45 SHASTA	1,500	900	54,500	6,400	44,000	3,900
46 SIERRA	100	100	2,800	400	2,500	100
47 SISKIYOU	6,700	3,900	38,800	3,100	49,100	2,700
48 SOLANO	39,300	11,100	19,100	500	56,300	2,900
49 SONOMA	8,800	3,300	32,500	3,400	43,300	2,800
50 STANISLAUS	37,000	12,000	38,100	3,900	97,300	6,900
51 SUTTER	44,800	12,400	9,100	1,800	68,700	4,100
52 TEHAMA	10,600	3,800	42,400	3,600	97,700	4,200
53 TRINITY	-	-	13,500	1,800	6,500	400
54 TULARE	28,400	13,100	89,800	6,800	316,600	15,900
55 TUOLUMNE	-	-	19,700	2,400	13,500	900
56 VENTURA	2,600	600	45,400	4,400	83,300	4,600
57 YOLO	39,100	13,300	4,700	1,100	75,900	5,800
58 YUBA	16,400	4,800	21,300	2,400	46,000	3,900
Unknown	7,200	10,300	12,200	7,000	82,700	7,700
TOTAL	700,300		1,905,200		4,248,300	

1971  
HUNTING SURVEY

(2)

	Chukar		Sage Grouse		Ruff Grouse	
	Bag	Hunters	Bag	Hunters	Bag	Hunters
1 ALAMEDA						
2 ALPINE	400	200			100	200
3 AMADOR	200	100			-	100
4 BUTTE						
5 CALAVERAS	-	100				
6 COLUSA						
7 CONTRA COSTA						
8 DEL NORTE						
9 EL DORADO						
10 FRESNO	500	1,300				
11 GLENN					100	100
12 HUMBOLDT					400	500
13 IMPERIAL						
14 INYO	800	1,600	100	200	400	400
15 KERN	20,200	7,400				
16 KINGS						
17 LAKE						
18 LASSEN	4,700	3,200	3,800	3,400	100	400
19 LOS ANGELES	-	200				
20 MADERA	500	100				
21 MARIN						
22 MARIPOSA						
23 MENDOCINO					700	500
24 MERCED	3,300	200				
25 MODOC	-	100	600	1,300	200	100
26 MONO	-	200	4,200	4,000	700	200
27 MONTEREY						
28 NAPA						
29 NEVADA					-	100
30 ORANGE	600	100				
31 PLACER						
32 PLUMAS		200			100	500
33 RIVERSIDE	2,200	700				
34 SACRAMENTO						
35 San BENITO	2,600	700				
36 San BERNARDINO	7,600	3,700				
37 San DIEGO	2,400	100				
38 San FRANCISCO						
39 San JOAQUIN	900	100			100	100
40 San LUIS OBISPO	-	100				
41 San MATEO						
42 Santa BARBARA						
43 Santa CLARA						
44 Santa CRUZ						
45 SHASTA	-	100			-	100
46 SIERRA					200	100
47 SISKIYOU					1,200	800
48 SOLANO	500	100				
49 SONOMA						
50 STANISLAUS	1,600	100				
51 SUTTER	1,200	200				
52 TEHAMA						
53 TRINITY					400	400
54 TULARE	4,500	200				
55 TUOLUMNE						
56 VENTURA	2,600	600				
57 YOLO						
58 YUBA						
Unknown	100	1,400	1,200	1,200	-	300
TOTAL	57,400		9,900		4,700	

	Pigeons		Jackrabbits		Cottontails	
	Bag	Hunters	Bag	Hunters	Bag	Hunters
1 ALAMEDA	-	-	11,000	1,100	7,200	1,200
2 ALPINE	100	100	-	100	-	100
3 AMADOR	9,500	700	-	-	400	100
4 BUTTE	1,800	1,100	24,400	3,900	500	400
5 CALAVERAS	600	600	5,400	700	7,400	1,000
6 COLUSA	200	100	8,300	1,600	-	-
7 CONTRA COSTA	1,800	200	16,100	2,000	-	-
8 DEL NORTE	200	200	-	-	400	100
9 EL DORADO	9,300	400	3,000	200	500	500
10 FRESNO	7,100	900	131,900	9,200	44,400	6,400
11 GLENN	700	400	8,400	1,800	500	200
12 HUMBOLDT	1,700	200	10,300	2,000	3,500	1,600
13 IMPERIAL	-	-	12,700	2,500	16,900	3,600
14 INYO	-	-	11,000	1,800	13,600	2,700
15 KERN	500	1,000	310,000	20,300	110,200	16,800
16 KINGS	400	100	34,200	2,900	7,600	1,200
17 LAKE	-	-	7,600	2,700	600	200
18 LASSEN	-	-	111,300	5,800	30,700	5,400
19 LOS ANGELES	-	100	52,500	8,600	36,300	8,500
20 MADERA	1,800	200	12,300	2,300	5,600	1,200
21 MARIN	200	100	5,700	1,200	700	200
22 MARIPOSA	3,900	200	100	100	1,400	200
23 MENDOCINO	6,400	700	17,500	1,800	1,200	800
24 MERCED	700	200	57,200	5,400	19,800	3,400
25 MODOC	-	-	17,100	2,000	12,600	2,400
26 MONO	-	-	500	600	1,300	600
27 MONTEREY	27,400	4,300	23,900	2,200	15,300	2,800
28 NAPA	-	-	14,000	1,700	200	100
29 NEVADA	4,300	900	700	400	-	400
30 ORANGE	-	-	6,500	1,200	7,400	1,300
31 PLACER	8,600	1,300	17,900	2,400	6,500	800
32 PLUMAS	4,300	500	-	100	100	100
33 RIVERSIDE	100	100	48,600	9,200	78,900	11,200
34 SACRAMENTO	600	400	67,500	5,200	3,500	1,200
35 San BENITO	800	200	14,800	500	7,000	1,300
36 San BERNARDINO	200	600	131,900	15,000	43,100	10,700
37 San DIEGO	3,400	700	23,300	3,900	56,700	7,400
38 San FRANCISCO	-	-	-	-	-	-
39 San JOAQUIN	800	200	58,400	6,300	8,400	1,200
40 San LUIS OBISPO	11,800	2,700	21,500	2,900	17,600	2,200
41 San MATEO	2,200	500	500	200	14,500	1,300
42 Santa BARBARA	9,500	1,900	33,100	1,000	12,400	1,100
43 Santa CLARA	2,800	700	7,400	1,000	5,300	1,000
44 Santa CRUZ	9,200	1,900	-	-	11,700	1,300
45 SHASTA	22,700	2,500	16,300	2,800	500	200
46 SIERRA	100	100	100	100	-	-
47 SISKIYOU	3,400	900	23,500	2,800	9,400	2,200
48 SOLANO	1,900	700	39,200	4,200	2,100	400
49 SONOMA	4,000	1,000	35,800	2,500	1,900	500
50 STANISLAUS	3,800	500	52,400	4,500	12,700	2,200
51 SUTTER	-	-	19,200	2,900	600	400
52 TEHAMA	-	-	21,600	2,300	-	-
53 TRINITY	2,300	600	1,600	400	200	200
54 TULARE	2,400	700	78,000	5,200	19,800	3,000
55 TUOLUMNE	800	100	2,100	400	2,900	400
56 VENTURA	800	600	28,600	2,600	28,600	3,300
57 YOLO	1,300	200	43,800	3,600	1,800	600
58 YUBA	2,100	600	13,600	2,300	2,100	600
Unknown	2,200	1,100	23,800	4,600	32,600	3,900
TOTAL	181,100 189,700		1,738,100		727,100	

1971  
HUNTER COUNTEY

	Tree Squirrels		Wild Turkeys	
	Bag	Hunters	Bag	Hunters
1 ALAMEDA	400	100		
2 ALPINE	2,100	400		
3 AMADOR	6,000	1,400		
4 BUTTE	13,200	3,800		
5 CALAVERAS	10,800	2,500		
6 COLUSA	400	100		
7 CONTRA COSTA	400	200		
8 DEL NORTE	200	100		
9 EL DORADO	7,200	2,700		
10 FRESNO	10,200	2,500		
11 GLENN	2,000	700		
12 HUMBOLDT	8,400	1,500		
13 IMPERIAL	-	-		
14 INYO	-	-		
15 KERN	19,000	4,200	-	200
16 KINGS	500	100		
17 LAKE	4,700	2,500		
18 LASSEN	2,900	1,300		
19 LOS ANGELES	800	200		
20 MADERA	3,300	1,900		
21 MARIN	3,100	500		
22 MARIPOSA	4,800	1,300		
23 MENDOCINO	5,200	2,100	100	100
24 MERCED	500	400		
25 MODOC	100	100		
26 MONO	200	100		
27 MONTEREY	10,200	1,800	-	200
28 NAPA	1,900	500		
29 NEVADA	3,400	1,200		
30 ORANGE	-	-		
31 PLACER	5,800	1,900		
32 PLUMAS	3,500	1,300		
33 RIVERSIDE	-	-		
34 SACRAMENTO	100	100		
35 San BENITO	-	-		
36 San BERNARDINO	100	100		
37 San DIEGO	-	-		
38 San FRANCISCO	-	-		
39 San JOAQUIN	1,700	400		
40 San LUIS OBISPO	1,500	400	600	1,400
41 San MATEO	100	100		
42 Santa BARBARA	-	-	-	100
43 Santa CLARA	1,300	400		
44 Santa CRUZ	800	600		
45 SHASTA	15,500	4,000	100	400
46 SIERRA	400	400		
47 SISKIYOU	2,700	1,400		
48 SOLANO	900	400		
49 SONOMA	4,500	1,400		
50 STANISLAUS	800	500		
51 SUTTER	400	400		
52 TEHAMA	11,400	2,800	200	900
53 TRINITY	13,500	2,500		
54 TULARE	12,600	4,500	-	200
55 TUOLUMNE	8,000	2,100		
56 VENTURA	-	-		
57 YOLO	700	100		
58 YUBA	4,800	500		
Unknown	4,600	3,500	400	400
TOTAL	217,600		1,100	

		Ducks		Geese	
		Bag	Hunters	Bag	Hunters
1	ALAMEDA	72,300	3,200	500	400
2	ALPINE	100	100	-	-
3	AMADOR	500	500	-	100
4	BUTTE	254,500	15,400	46,000	6,900
5	CALAVERAS	6,000	900	-	200
6	COLUSA	301,700	20,700	61,800	11,100
7	CONTRA COSTA	39,400	4,400	2,400	800
8	DEL NORTE	11,500	900	500	100
9	EL DORADO	900	200	200	100
10	FRESNO	104,600	11,300	1,900	1,400
11	GLENN	147,400	10,900	38,000	6,400
12	HUMBOLDT	60,600	4,600	2,200	900
13	IMPERIAL	144,200	18,700	18,100	9,900
14	INYO	12,000	3,100	800	1,300
15	KERN	149,400	11,100	1,500	800
16	KINGS	18,700	2,200	800	600
17	LAKE	4,400	800	-	100
18	LASSEN	66,000	6,200	10,400	3,900
19	LOS ANGELES	24,500	800	500	200
20	MADERA	6,800	800	1,200	600
21	MARIN	6,200	1,100	2,000	100
22	MARIPOSA	1,100	400	-	-
23	MENDOCINO	7,300	500	-	-
24	MERCED	544,400	25,900	38,400	6,400
25	MODOC	54,500	6,500	24,500	6,900
26	MONO	6,900	2,000	-	700
27	MONTEREY	4,000	700	100	100
28	NAPA	20,600	1,300	600	500
29	NEVADA	500	200	-	-
30	ORANGE	8,500	900	100	100
31	PLACER	18,400	2,000	600	700
32	PLUMAS	17,700	1,800	800	500
33	RIVERSIDE	42,100	4,200	2,100	1,300
34	SACRAMENTO	66,500	6,800	12,700	3,400
35	San BENITO	5,500	200	1,200	100
36	San BERNARDINO	22,200	4,100	500	600
37	San DIEGO	25,100	2,700	1,100	200
38	San FRANCISCO	-	-	-	-
39	San JOAQUIN	96,900	7,400	16,600	3,900
40	San LUIS OBISPO	9,200	1,400	700	400
41	San MATEO	21,300	700	-	-
42	Santa BARBARA	3,400	900	-	-
43	Santa CLARA	28,900	1,500	-	-
44	Santa CRUZ	800	400	-	-
45	SHASTA	32,700	3,400	3,800	1,900
46	SIERRA	3,400	400	-	-
47	SISKIYOU	88,600	10,100	32,400	8,000
48	SOLANO	350,200	18,800	8,600	3,800
49	SONOMA	29,500	2,600	900	500
50	STANISLAUS	29,100	3,400	2,400	1,500
51	SUTTER	103,800	8,200	10,800	4,000
52	TEHAMA	21,700	2,200	2,900	1,100
53	TRINITY	2,300	200	-	-
54	TULARE	21,800	2,000	600	100
55	TUOLUMNE	1,300	200	-	-
56	VENTURA	30,400	2,400	-	-
57	YOLO	85,100	5,400	10,700	2,500
58	YUBA	95,200	4,700	4,700	2,000
	Unknown	68,700	10,400	7,300	800
	TOTAL	3,401,300		373,900	



1971

## WINTER SURVEY

6

	Jacksnipes		Coots	
	Bag	Hunters	Bag	Hunters
1 ALAMEDA	4,100	200	5,300	200
2 ALPINE	-	-	-	-
3 AMADOR	-	-	600	100
4 BUTTE	8,700	1,100	23,000	1,500
5 CALAVERAS	-	-	-	-
6 COLUSA	2,000	500	25,300	2,200
7 CONTRA COSTA	4,500	500	600	200
8 DEL NORTE	-	-	4,400	400
9 EL DORADO	-	-	-	-
10 FRESNO	4,700	200	30,100	1,600
11 GLENN	3,500	600	17,000	1,100
12 HUMBOLDT	2,600	800	14,700	1,300
13 IMPERIAL	3,700	700	27,800	3,100
14 INYO	200	100	1,400	200
15 KERN	200	200	10,800	1,100
16 KINGS	-	-	800	400
17 LAKE	-	-	1,200	400
18 LASSEN	-	-	5,200	400
19 LOS ANGELES	-	-	500	100
20 MADERA	-	-	100	100
21 MARIN	6,000	600	7,400	500
22 MARIPOSA	-	-	200	100
23 MENDOCINO	-	-	2,800	200
24 MERCED	2,600	700	39,100	3,800
25 MODOC	-	-	700	100
26 MONO	-	-	1,200	100
27 MONTEREY	-	-	7,400	400
28 NAPA	500	100	800	200
29 NEVADA	-	-	-	-
30 ORANGE	-	-	16,500	200
31 PLACER	1,400	100	4,800	400
32 PLUMAS	-	-	4,400	500
33 RIVERSIDE	4,800	400	41,700	1,400
34 SACRAMENTO	4,700	500	11,500	1,100
35 San BENITO	-	-	-	-
36 San BERNARDINO	-	-	16,100	1,100
37 San DIEGO	-	-	4,000	500
38 San FRANCISCO	-	-	-	-
39 San JOAQUIN	6,800	900	10,800	600
40 San LUIS OBISPO	-	-	5,300	200
41 San MATEO	-	-	-	-
42 Santa BARBARA	-	-	4,400	400
43 Santa CLARA	800	100	2,100	400
44 Santa CRUZ	-	-	100	100
45 SHASTA	1,300	200	600	200
46 SIERRA	100	100	-	-
47 SISKIYOU	-	-	1,300	400
48 SOLANO	13,200	1,200	12,000	1,100
49 SONOMA	3,500	600	6,600	500
50 STANISLAUS	-	-	8,200	800
51 SUTTER	4,200	500	15,100	1,400
52 TEHAMA	500	100	100	100
53 TRINITY	-	-	200	100
54 TULARE	3,200	200	4,100	500
55 TUOLUMNE	-	-	-	-
56 VENTURA	100	100	3,500	500
57 YOLO	1,900	400	9,000	500
58 YUBA	1,400	400	5,900	600
Unknown	800	100	3,300	400
TOTAL	92,000		420,000	



197  
HUNTER SURVEY

	Deer		Bear		Boar	
	Bag	Hunters	Bag	Hunters	Bag	Hunters
1 ALAMEDA	1,600	2,700	-	-	-	-
2 ALPINE	1,300	11,800	-	100	-	-
3 AMADOR	600	5,400	100	200	-	-
4 BUTTE	900	11,900	-	600	-	-
5 CALAVERAS	1,800	9,300	-	200	-	-
6 COLUSA	1,100	2,000	-	-	-	-
7 CONTRA COSTA	600	1,800	-	-	-	-
8 DEL NORTE	100	1,300	-	100	-	-
9 EL DORADO	1,800	17,900	100	1,500	-	-
10 FRESNO	2,100	14,700	-	1,400	200	500
11 GLENN	1,400	3,600	-	500	-	-
12 HUMBOLDT	6,400	13,700	-	1,100	200	600
13 IMPERIAL	-	700	-	-	-	-
14 INYO	300	5,200	-	100	-	-
15 KERN	2,100	15,100	100	1,500	-	-
16 KINGS	-	400	-	-	-	-
17 LAKE	2,600	11,200	-	400	100	200
18 LASSEN	4,000	28,000	-	600	-	100
19 LOS ANGELES	1,900	11,700	-	100	-	-
20 MADERA	500	8,700	-	500	-	-
21 MARIN	700	2,500	-	-	-	-
22 MARIPOSA	500	4,800	100	400	-	-
23 MENDOCINO	7,400	16,900	-	700	2,800	1,600
24 MERCED	600	2,000	-	100	500	200
25 MODOC	2,800	25,500	-	200	-	-
26 MONO	1,500	11,300	-	200	-	-
27 MONTEREY	2,300	8,800	-	-	2,200	8,400
28 NAPA	1,600	3,300	-	-	-	-
29 NEVADA	1,100	9,400	-	500	-	-
30 ORANGE	400	1,600	-	-	-	-
31 PLACER	1,300	10,100	-	800	-	-
32 PLUMAS	2,700	18,900	-	600	-	-
33 RIVERSIDE	1,200	4,500	-	-	-	-
34 SACRAMENTO	-	200	-	-	-	100
35 San BENITO	1,500	2,100	-	-	1,900	1,300
36 San BERNARDINO	100	5,800	-	-	-	-
37 San DIEGO	1,300	6,200	-	-	-	-
38 San FRANCISCO	-	-	-	-	-	-
39 San JOAQUIN	-	400	-	-	-	-
40 San LUIS OBISPO	3,900	9,300	-	-	500	1,200
41 San MATEO	-	400	-	-	-	-
42 Santa BARBARA	2,300	5,300	-	-	1,900	1,800
43 Santa CLARA	1,900	4,200	-	-	900	1,200
44 Santa CRUZ	100	800	-	-	-	100
45 SHASTA	3,200	15,700	100	1,600	100	400
46 SIERRA	700	7,800	-	-	-	-
47 SISKIYOU	3,800	18,000	400	1,100	-	-
48 SOLANO	-	600	-	-	-	-
49 SONOMA	2,100	6,200	-	-	1,700	2,000
50 STANISLAUS	200	2,700	-	-	100	200
51 SUTTER	-	100	-	-	-	-
52 TEHAMA	7,100	19,000	-	1,200	1,700	1,300
53 TRINITY	2,500	11,700	200	2,000	-	100
54 TULARE	2,800	14,900	-	2,500	-	-
55 TUOLUMNE	1,300	12,600	-	700	-	-
56 VENTURA	1,500	6,400	-	-	-	200
57 YOLO	600	1,600	-	-	-	-
58 YUBA	800	4,800	-	-	-	-
Unknown	400	54,000	100	2,600	300	2,000
TOTAL	93,300		1,200		15,100	

	Coyotes		Bobcat	
	Bag	Hunters	Bag	Hunters
1 ALAMEDA	-	-	100	100
2 ALPINE	400	400	-	-
3 AMADOR	1,400	600	200	200
4 BUTTE	1,300	700	400	100
5 CALAVERAS	2,400	700	400	200
6 COLUSA	-	-	100	100
7 CONTRA COSTA	-	-	-	-
8 DEL NORTE	-	-	-	-
9 EL DORADO	800	600	500	500
10 FRESNO	1,100	600	800	700
11 GLENN	-	-	-	-
12 HUMBOLDT	2,500	900	1,500	1,100
13 IMPERIAL	400	400	200	200
14 INYO	3,500	900	200	100
15 KERN	4,200	1,600	1,200	500
16 KINGS	800	400	-	-
17 LAKE	1,200	500	400	200
18 LASSEN	3,400	1,300	200	200
19 LOS ANGELES	1,700	900	200	200
20 MADERA	1,100	600	500	400
21 MARIN	-	-	-	-
22 MARIPOSA	800	200	500	400
23 MENDOCINO	700	200	400	400
24 MERCED	-	-	100	100
25 MODOC	1,300	600	400	400
26 MONO	2,000	800	500	500
27 MONTEREY	4,000	500	700	500
28 NAPA	100	100	-	-
29 NEVADA	200	200	-	-
30 ORANGE	100	100	-	-
31 PLACER	1,800	700	400	400
32 PLUMAS	600	400	-	-
33 RIVERSIDE	3,500	1,200	400	200
34 SACRAMENTO	100	100	-	-
35 San BENITO	100	100	200	100
36 San BERNARDINO	5,100	2,200	1,800	400
37 San DIEGO	7,500	1,800	1,900	1,100
38 San FRANCISCO	-	-	-	-
39 San JOAQUIN	900	200	-	-
40 San LUIS OBISPO	700	400	700	600
41 San MATEO	-	-	-	-
42 Santa BARBARA	1,400	700	800	800
43 Santa CLARA	1,200	400	600	400
44 Santa CRUZ	100	100	-	-
45 SHASTA	3,300	1,300	100	100
46 SIERRA	1,400	100	-	-
47 SISKIYOU	4,600	900	800	400
48 SOLANO	-	-	-	-
49 SONOMA	-	-	-	-
50 STANISLAUS	-	-	100	100
51 SUTTER	-	-	-	-
52 TEHAMA	5,200	1,400	3,100	500
53 TRINITY	600	400	800	400
54 TULARE	2,200	800	2,800	800
55 TUOLUMNE	700	600	100	100
56 VENTURA	900	400	400	200
57 YOLO	100	100	-	-
58 YUBA	100	100	-	-
Unknown	1,800	400	900	200
TOTAL	79,300		25,400	