

California Department of Fish and Game
Resources Building, 1416 Ninth Street
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REPORT OF THE 1967 GAME TAKE HUNTER SURVEY

Hunter game take questionnaires were mailed to 11,880 hunting licensees on January 4, 1968. This was a sample of about one and one-half percent (1.6%) of the hunting licensees and was selected randomly.

A total of 6,163 usable questionnaires was returned, a response of 52 percent.

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 in their indication of game bag trends. It would indicate a comparison between 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 1967-68 hunting season calculations was $759,000 \div 6,163 = 123.1$.

<u>HUNTING LICENSE SALES</u>	<u>1966</u>	<u>1967*</u>	<u>Change from 1966</u>
Hunting Licenses	741,560	759,000	+ 2.4%
Deer Tags	440,955	425,000	- 3.6%
Pheasant Tags	202,269	214,000	+ 5.7%
Bear Tags	35,411	34,000	- 4.0%
Duck Stamps	152,000	Not available	-

*Estimated

HUNTING REGULATION CHANGES

1. PHEASANTS

- A. Regulations in 1967 provided for roosters only, except an either-sex season was in effect in the counties south of Monterey, Kings and Tulare counties and east of the Sierra Nevada in Inyo and Mono counties. The 1966 regulation which allowed one hen in the bag in most of the State was dropped.

2. SAGE GROUSE

- A. There was no sage grouse season in 1967.

3. SIERRA/RUFFED GROUSE

- A. A statewide standardized opening and closing date was put into effect. Mendocino County was added to the open portion of the State.

4. TREE SQUIRRELS

- A. Three different seasons were in effect with an early (August 5) opener in Sonoma and Napa counties and an early closure (December) in Butte County.

5. COTTONTAIL/BRUSH RABBITS

- A. An early (July 1) opening was prescribed for the counties south of a line starting in northern Mono County westward through parts of Alpine, Calaveras, San Joaquin and the southern boundaries of Solano, Napa and Marin counties, excepting San Bernardino, Riverside and Imperial counties which had a September 2 opening which corresponded with the opener in effect in Northern California.

6. DOVES

- A. The law was rescinded which required the retention of one fully feathered dove wing on doves in the bag.

7. DUCKS

- A. The general California season was extended an additional eleven days over the 1966 season. (75 days, 1966; 86 days, 1967)
- B. The daily duck limit was reduced from seven birds (1966) to six birds (1967).

8. GEESE

- A. The 1966 special extended white goose season was not in effect in 1967.

9. DEER

- A. In the late season, the northwestern two-buck area, the eastern Tehama County one-buck area and portions of Butte County closed October 29, two weeks earlier than the balance of the general late deer season.
- B. Self-validation of deer tags was authorized.

The following tables are appended to this report:

Table 1 - Mailing and Return of Questionnaires, By County of Residence
1967 Hunter Survey

Table 2 - Summary of Statewide Game Bag - 1967

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

Table 4 - Regional Game Bag, Major Species - 1967

Table 5 - Distribution of Hunter Effort, by Game Species - 1967

Table 6 - Hunter Success, Summary 1954-1967

Table 7 - Where Metropolitan Area Hunters Bag Their Game - 1967
(Expressed in Percent of Bag in the Counties Hunted)

Summary by Species:

- A. Pheasants
- B. Quail
- C. Doves
- D. Ducks
- E. Deer

BAG BY SPECIES

UPLAND GAME

<u>PHEASANTS</u>	<u>1966</u>	<u>1967</u>	<u>Change from 1966</u>
Statewide Bag	758,100 (total) 623,400 (cocks) 134,700 (hens)	794,500 (total) 794,500 (cocks) No Season	+ 5% + 27% -
Hunters Reported	221,700	245,500	+ 11%
Average Seasonal Bag	3.4	3.2	- 0.2
Total Days Hunted	788,000	870,300	+ 10%
Average Days Hunted	3.6	3.5	- 0.1

Department of Fish and Game preseason predictions for an excellent 1967 pheasant season were well founded. The regulation for the 1966 pheasant season which allowed one hen pheasant in the bag, was rescinded in 1967. The reported 27 percent increase in the cock pheasant bag over 1966 figures indicated that apparently no adverse effects resulted from shooting hen pheasants in 1966. In addition, excellent reproduction produced a bumper pheasant population which was available to pheasant hunters.

Fresno County was the leading single county in the pheasant bag with about 8 percent of the statewide kill. The combined counties in the Sacramento Valley with about 39 percent, produced the major portion of the 1967 statewide pheasant bag.

<u>QUAIL</u>	<u>1966</u>	<u>1967</u>	<u>Change from 1966</u>
Statewide Bag	2,017,200	2,584,000	+ 28%
Hunters Reported	195,100	234,900	+ 20%
Average Seasonal Bag	10.3	11.0	+ 0.7
Total Days Hunted	885,600	1,029,100	+ 16%
Average Days Hunted	4.5	4.4	- 0.1

The fine 1967 quail season reflected the conditions which contributed to high upland game populations statewide. Above usual rainfall resulted in better than average annual vegetative production. The ideal hatching conditions and the abundance of feed and water contributed to an excellent breeding season. Availability and abundance of quail apparently stimulated hunter interest as evidenced by the 20 percent increase in the number of quail hunters over 1966 figures.

<u>DOVES</u>	<u>1966</u>	<u>1967</u>	<u>Change from 1966</u>
Statewide Bag	4,019,900	5,128,300	+ 28%
Hunters Reported	236,200	277,800	+ 18%
Average Seasonal Bag	17.0	18.5	+ 1.5
Total Days Hunted	929,400	1,158,500	+ 25%
Average Days Hunted	3.9	4.2	+ 0.3

The 1967 dove season was marked by warm weather in much of northern California which held up dove migration away from these areas. As a result, concentrations of birds were made available to dove hunters over a longer period of time than would normally be expected. It is felt that this condition was a major contribution to the all-time high 1967 dove bag. The torrential rains which fell in the desert regions of Imperial and Riverside counties on the opening weekend of the dove season were the probable cause for the lowered seasonal bag in these traditional areas of dove hunting abundance.

<u>BAND-TAILED PIGEONS</u>	<u>1966</u>	<u>1967</u>	<u>Change from 1966</u>
Statewide Bag	321,600	260,100	- 19%
Hunters Reported	36,400	44,000	+ 21%
Average Seasonal Bag	8.8	5.9	- 2.9
Total Days Hunted	105,000	126,100	+ 20.0%
Average Days Hunted	2.9	2.9	-

Monterey County, which has consistently been among the leaders in the band-tailed pigeon bag, again led all other counties in the State. However, the 3 percent drop in the 1967 pigeon bag below 1966 figures which was experienced in Monterey County represented a significant portion of the 1967 decline. The other southern coastal counties which have usually produced a major part of the statewide band-tail bag also had a poor pigeon season. A shift of band-tail flights to foothills of the western Sierra Nevada was indicated by an increase in the kill of pigeons in Sierran counties. Concentrations of pigeons in the Sierra are not generally utilized as fully as they are in the coastal regions due to more difficult hunting conditions.

<u>CHUKAR PARTRIDGE</u>	<u>1966</u>	<u>1967</u>	<u>Change from 1966</u>
Statewide Bag	88,500	74,200	- 16%
Hunters Reported	28,500	33,000	+ 16%
Average Seasonal Bag	3.1	2.2	- 0.9
Total Days Hunted	100,700	94,200	- 6%
Average Days Hunted	3.5	2.9	- 0.6

<u>SIERRA/RUFFED GROUSE</u>	<u>1966</u>	<u>1967</u>	<u>Change from 1966</u>
Statewide Bag	3,300	3,800	+ 15%
Hunters Reported	3,200	4,900	+ 53%
Average Seasonal Bag	1.0	0.8	- 0.2
Total Days Hunted	5,100	7,600	+ 49%
Average Days Hunted	1.6	1.6	-

<u>JACKRABBITS</u>	<u>1966</u>	<u>1967</u>	<u>Change from 1966</u>
Statewide Bag	2,108,000	2,650,700	+ 26%
Hunters Reported	147,600	175,900	+ 19%
Average Seasonal Bag	14.3	15.1	+ 0.8
Total Days Hunted	1,155,700	1,633,200	+ 41%
Average Days Hunted	7.8	9.3	+ 1.5

<u>COTTONTAIL/BRUSH RABBITS</u>	<u>1966</u>	<u>1967</u>	<u>Change from 1966</u>
Statewide Bag	732,200	1,152,700	+ 57%
Hunters Reported	103,800	132,600	+ 28%
Average Seasonal Bag	7.0	8.7	+ 1.7
Total Days Hunted	496,100	815,900	+ 64%
Average Days Hunted	4.8	6.2	+ 1.4

The July 1 season opening inaugurated in 1967 for counties south of mid-State (excepting San Bernardino, Riverside and Imperial counties) apparently had no special bearing on the increased bag recorded in 1967. The pattern of bag increases seemed to be related more nearly to the abundance and availability of rabbits than to hunting regulation changes.

<u>TREE SQUIRRELS</u>	<u>1966</u>	<u>1967</u>	<u>Change from 1966</u>
Statewide Bag	202,600	180,200	- 11%
Hunters Reported	54,800	59,400	+ 8%
Average Seasonal Bag	3.7	3.0	- 0.7
Total Days Hunted	228,700	232,200	+ 2%
Average Days Hunted	4.2	3.9	- 0.3

WATERFOWL

<u>DUCKS</u>	<u>1966</u>	<u>1967</u>	<u>Change from 1966</u>
Statewide Bag	2,688,700	3,369,200	+ 25%
Hunters Reported	175,300	191,200	+ 9%
Average Seasonal Bag	15.3	17.6	+ 2.3
Total Days Hunted	1,113,600	1,341,900	+ 21%
Average Days Hunted	6.4	7.0	+ 0.6

The 1967 duck season was the best season recorded in many (10) years. Higher than usual duck populations were concentrated in available habitat due to the extremely dry winter and a lack of extensive flooding.

The reduction in the daily bag limit from 7 ducks per day in 1966 to 6 ducks per day in 1967 apparently was compensated for by an 11-day extension of the

season (75 days in 1966, 86 days in 1967). The availability of ducks to the hunter provided excellent shooting over a longer period of time.

Duck hunting on State and Federal waterfowl areas reached record proportions in 1967 for both the number of hunters accommodated and the numbers of ducks killed. The 1967 hunter survey indicated an increase over 1966 survey figure of 13 percent in the duck bag and 11 percent in the number of hunters accommodated. An average of 2.8 days per season of duck hunting effort on these areas was reported by survey respondents.

About 41 percent of all ducks taken statewide were bagged on private or commercial gun clubs.

DISTRIBUTION OF DUCK HUNTERS BY AGE

ON PUBLIC SHOOTING AREAS AND PRIVATE/COMMERCIAL GUN CLUBS

(BY PERCENT)

<u>Public Shooting Areas</u>	<u>Age in Years</u>	<u>Private/Commercial Gun Club</u>
18%	1 - 16	11%
9%	17 - 19	7%
28%	20 - 29	19%
21%	30 - 39	19%
13%	40 - 49	23%
8%	50 - 59	12%
3%	60 and over	9%
100%		100%

<u>GEESE</u>	<u>1966</u>	<u>1967</u>	<u>Change from 1966</u>
Statewide Bag	413,100	339,100	- 18%
Hunters Reported	84,600	88,900	+ 5%
Average Seasonal Bag	4.9	3.8	- 1.1

Though the 1967 goose kill dropped 18 percent from 1966 figures it was still a very good season. In 1966 an extended special white goose season had contributed to the high kill at that time. Additionally, the breeding ground survey had indicated lower production in the white goose population, so that fewer young birds would be available for hunting in 1967.

BIG GAME

<u>DEER (Survey)</u>	<u>1966</u>	<u>1967</u>	<u>Change from 1966</u>
Statewide Bag	135,200	98,800	- 27%
Hunters Reported	412,200	449,100	+ 9%
Total Days Hunted	3,112,100	3,751,100	+ 21%
Average Days Hunted	7.5	8.4	+ 0.9

The 1967 deer kill of 98,800 reported by survey respondents represented a decrease of 27% below the 1966 deer kill of 135,200. The 40,000 deer kill report tags which were tabulated for 1967 had indicated a decline of 42% below the 1966 figure of 69,118.

A preseason prediction by Department of Fish and Game officials indicated that a decline in the deer kill in 1967 could be anticipated. Contributing factors in these forecasts were poor deer survival conditions in some areas and restrictive deer hunting regulations in some of the more productive deer hunting areas of the State.

There was considerable conjecture regarding the impact of self-validation of deer tags upon deer kill report tag returns. In the past, deer kill report tag totals have been about half as great as the reported deer kill calculated from the annual hunter survey. In 1967 deer kill report tags declined to 40 percent of the hunter survey results. This change in pattern may indicate that many hunters who succeeded in bagging deer in 1967 neglected to submit deer kill report tags to Department of Fish and Game Headquarters.

DEER KILL 1963-67

A comparison between deer kill report tag returns and Hunter Survey kill results.

<u>Reported Deer Kill</u>	<u>1963</u>	<u>1964</u>	<u>1965</u>	<u>1966</u>	<u>1967</u>
Tags	56,814	66,584	61,224	69,118	40,000
Survey	117,100	138,700	128,200	135,200	98,800
Tag return percentage of survey results	49%	48%	48%	51%	40%

A total of 36,400 archery deer hunters reported deer hunting effort in 1967.

Special antlerless deer hunts supplement the regular buck deer seasonal bag and provide an additional part of the total California deer kill. Comparative special antlerless deer kill figures for 1966 and 1967 are listed below:

	<u>1966</u>	<u>1967</u>
Antlerless Hunt Bag (tag count)	8,732	7,377
Special Antlerless Deer Hunt Tag Purchasers (License Section)	24,479	26,898

TABLE 1

MAILING AND RETURN OF QUESTIONNAIRES BY COUNTY OF RESIDENCE - 1967 HUNTER SURVEY

COUNTY	QUESTIONNAIRES MAILED	PERCENT OF TOTAL MAILED	NUMBER RETURNED	PERCENT RETURNED
ALAMEDA	552	4.7	299	54.2
ALPINE	-	-	-	-
AMADOR	21	0.2	11	52.4
BUTTE	244	2.1	127	52.0
CALVERAS	29	0.2	10	34.5
COLUSA	29	0.2	14	48.3
CONTRA COSTA	437	3.7	227	51.9
DEL NORTE	55	0.5	33	60.0
EL DORADO	68	0.6	36	52.9
FRESNO	469	3.9	241	51.4
GLENN	69	0.6	41	59.4
HUMBOLDT	256	2.2	132	51.6
IMPERIAL	81	0.7	39	40.7
INYO	42	0.4	25	59.5
KERN	351	3.0	165	47.0
KINGS	102	0.9	46	45.1
LAKE	38	0.3	20	52.6
LASSEN	68	0.6	38	55.9
LOS ANGELES	2,172	18.3	1,120	51.6
MADERA	76	0.6	37	48.7
MARIN	104	0.9	55	52.9
MARIPOSA	17	0.1	10	58.8
MENDOCINO	124	1.0	61	49.2
MERCED	178	1.5	87	48.9
MODOC	29	0.2	20	69.0
MONO	7	0.1	6	85.7
MONTEREY	163	1.4	75	46.0
NAPA	93	0.8	46	49.5
NEVADA	78	0.6	42	53.8
ORANGE	449	3.8	246	54.8
PLACER	110	0.9	61	55.5
PLUMAS	38	0.3	22	57.9
RIVERSIDE	207	1.7	103	49.8
SACRAMENTO	615	5.2	330	53.7
SAN BENITO	27	0.2	13	48.1
SAN BERNARDINO	309	2.6	159	51.5
SAN DIEGO	447	3.8	239	53.5
SAN FRANCISCO	150	1.3	72	48.0
SAN JOAQUIN	342	2.9	161	47.1
SAN LUIS OBISPO	124	1.0	78	62.9
SAN MATEO	326	2.7	169	51.8
SANTA BARBARA	136	1.1	73	53.7
SANTA CLARA	527	4.4	303	57.5
SANTA CRUZ	86	0.7	51	59.3
SHASTA	321	2.7	159	49.5
SIERRA	3	.7	2	66.7
SISKIYOU	150	1.3	89	59.3
SOLANO	184	1.6	96	52.2
SONOMA	225	1.9	119	52.9
STANISLAUS	266	2.2	119	44.7
SUTTER	120	1.0	64	53.3
TEHAMA	84	0.7	35	41.7
TRINITY	29	0.2	15	51.7
TULARE	212	1.8	100	47.2
TUOLUMNE	49	0.4	25	51.0
VENTURA	157	1.3	83	52.9
YOLO	144	1.2	79	54.9
YUBA	91	0.8	41	45.1
TOTAL	11,880	100.0	6,163	51.9

TABLE 2

SUMMARY OF STATEWIDE GAME BAG - 1967

Species	Yearly Avg. 1961-65	1966	1967	% Change From 1966
Pheasants (total)	719,200	758,100	794,500	+ 5
Pheasants (cocks)	719,200	623,400	794,500	+ 27
Pheasants (hens)	-	134,700	(No Season)	-
Quail	2,305,500	2,017,200	2,584,000	+ 28
Doves	4,580,100	4,019,900	5,128,300	+ 28
Chukar Partridge	49,700	88,500	74,200	- 16
Sierra & Ruffed Grouse	2,700*	3,300	3,800	+ 15
Sage Grouse	9,200**	2,700	(No Season)	-
Band-tailed Pigeons	253,700	321,600	260,100	- 19
Jackrabbits	2,160,000	2,108,000	2,650,700	+ 26
Cottontail/Brush Rabbits	761,500	732,200	1,152,700	+ 57
Tree Squirrels	101,000	202,600	180,200	- 11
Ducks	2,196,400	2,688,700	3,369,200	+ 25
Geese	327,100	413,400	339,100	- 18
Jacksnipes	45,700	45,800	102,300	+123
Coots	288,500	375,900	543,700	+ 45
Buck Deer (Hunter Survey)	124,500	135,200	98,800	- 27
Buck Deer (Tag Count)	61,730	69,118	40,000	- 42
Bears (Hunter Survey)	2,400	1,900	2,100	+ 10
Bears (Tag Count)	814	1,024	935	- 9
European Wild Pig	7,300	5,500	14,800	+169

* Four-year average

** Three-year average

TABLE 3
GAME BAG - 1967
(TEN LEADING COUNTIES)

<u>PHEASANTS (COCKS)</u>	<u>% OF STATE TOTAL</u>	<u>POSITION* 1966</u>	<u>JACKRABBITS</u>	<u>% OF STATE TOTAL</u>	<u>POSITION 1966</u>
1. FRESNO	8.2	1	1. KERN	15.6	1
2. BUTTE	7.5	2	2. SAN BERNARDINO	12.3	2
3. SUTTER	6.7	6	3. LOS ANGELES	5.6	7
4. COLUSA	6.6	5	4. MERCED	5.5	6
5. STANISLAUS	6.2	9	5. RIVERSIDE	5.5	4
6. MERCED	6.0	4	6. FRESNO	4.7	3
7. SAN JOAQUIN	5.3	3	7. SAN JOAQUIN	4.5	5
8. YOLO	5.2	7	8. MONTEREY	3.6	23
9. SACRAMENTO	5.1	8	9. MADERA	2.7	8
10. IMPERIAL	4.4	12	10. SISKIYOU	2.6	-
ALL OTHERS	38.8		ALL OTHERS	37.4	
TOTAL	100.0		TOTAL	100.0	

*1966 STANDING IS FOR COCKS ONLY.

<u>QUAIL</u>			<u>RABBITS (COTTONTAIL/BRUSH)</u>		
1. RIVERSIDE	8.5	1	1. RIVERSIDE	18.2	1
2. SAN DIEGO	7.3	2	2. SAN DIEGO	14.2	2
3. FRESNO	5.6	3	3. SAN BERNARDINO	9.7	4
4. KERN	5.6	4	4. LOS ANGELES	9.7	6
5. LOS ANGELES	5.4	6	5. KERN	8.4	3
6. SAN BERNARDINO	4.6	5	6. VENTURA	6.0	7
7. SANTA BARBARA	4.6	9	7. SAN LUIS OBISPO	5.2	20
8. SAN LUIS OBISPO	3.8	10	8. ORANGE	5.0	5
9. VENTURA	3.6	7	9. FRESNO	2.9	8
10. MONTEREY	2.7	10	10. SANTA BARBARA	2.7	10
ALL OTHERS	48.3		ALL OTHERS	18.0	
TOTAL	100.0		TOTAL	100.0	

<u>DOVES</u>			<u>DUCKS</u>		
1. IMPERIAL	9.4	1	1. MERCED	16.5	1
2. FRESNO	9.0	2	2. SOLANO	9.1	3
3. RIVERSIDE	6.6	3	3. COLUSA	8.6	2
4. KERN	6.4	5	4. BUTTE	5.8	7
5. TULARE	5.4	4	5. GLENN	3.9	11
6. SAN JOAQUIN	3.7	7	6. IMPERIAL	3.8	9
7. MERCED	3.6	8	7. SISKIYOU	3.7	5
8. SAN DIEGO	3.5	6	8. FRESNO	3.5	10
9. STANISLAUS	3.4	9	9. SUTTER	3.3	8
10. KINGS	2.4	14	10. SAN JOAQUIN	2.8	15
ALL OTHERS	46.6		ALL OTHERS	39.0	
TOTAL	100.0		TOTAL	100.0	

<u>BAND-TAILED PIGEONS</u>			<u>GEESE</u>		
1. MONTEREY	21.9	1	1. COLUSA	17.6	1
2. KERN	8.8	16	2. GLENN	12.5	4
3. MENDOCINO	7.4	17	3. SISKIYOU	12.3	2
4. SHASTA	6.1	4	4. BUTTE	10.9	3
5. SAN DIEGO	4.8	9	5. MERCED	6.3	8
6. SONOMA	3.9	11	6. SUTTER	5.7	6
7. SISKIYOU	3.7	13	7. MODOC	5.3	5
8. VENTURA	3.7	10	8. IMPERIAL	4.2	7
9. TEHAMA	2.5	-	9. SACRAMENTO	3.4	9
10. BUTTE	2.5	14	10. YOLO	2.8	10
ALL OTHERS	34.7		ALL OTHERS	19.0	
TOTAL	100.0		TOTAL	100.0	

TABLE 4

DISTRIBUTION OF MAJOR GAME SPECIES BAG BY REGION - 1966-67
(Percentage of State Bag)

	<u>Pheasants</u>		<u>Quail</u>		<u>Doves</u>		<u>Jackrabbits</u>		<u>Cottontail</u>		<u>Ducks</u>	
	<u>1966</u>	<u>1967</u>	<u>1966</u>	<u>1967</u>	<u>1966</u>	<u>1967</u>	<u>1966</u>	<u>1967</u>	<u>1966</u>	<u>1967</u>	<u>1966</u>	<u>1967</u>
Region 1	3	6	5	9	4	5	6	5	2	1	10	10
Region 2	57	51	16	11	19	19	18	16	2	2	44	41
Region 3	4	5	14	20	9	15	9	11	4	12	8	10
Region 4	32	29	22	22	35	32	38	34	20	16	27	27
Region 5	<u>4</u>	<u>9</u>	<u>43</u>	<u>38</u>	<u>33</u>	<u>29</u>	<u>29</u>	<u>34</u>	<u>72</u>	<u>69</u>	<u>11</u>	<u>12</u>
TOTALS	100	100	100	100	100	100	100	100	100	100	100	100

TABLE 5
DISTRIBUTION OF HUNTER EFFORT, BY GAME SPECIES - 1967

Species	Percent			Number		
	Successful Hunters	Unsuccessful Hunters	Total Hunters	Successful Hunters	Unsuccessful Hunters	Total Hunters
Deer	12	53	65	84,800	364,300	449,100
Dove	38	2	40	260,800	17,000	277,800
Pheasant	27	9	36	185,500	60,000	245,500
Quail	28	6	34	191,800	43,100	234,900
Duck	25	3	28	168,400	22,800	191,200
Jackrabbit	24	2	26	163,400	12,500	175,900
Cottontail/Brush Rabbit	17	2	19	117,900	14,700	132,600
Goose	10	3	13	70,100	18,800	88,900
Tree Squirrel	7	2	9	45,400	14,000	59,400
Band-tailed Pigeon	5	2	7	31,400	12,600	44,000
Bear	T	6	6	1,700	37,700	39,400
Coot	5	T	5	33,200	1,100	34,300
Chukar Partridge	2	3	5	14,800	18,200	33,000
Wild Pig	1	3	4	6,000	18,000	24,000
Jacksnipe	2	T	2	11,100	700	11,800
Sierra/Ruffed Grouse	T	T	T	2,600	2,300	4,900

Total Individual Hunters - 686,300

Due to multiple game species hunter 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

TABLE 7-A

WHERE METROPOLITAN AREA PHEASANT HUNTERS BAGGED THEIR PHEASANTS - 1967

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

(STATE BAG 794,500)

PERCENTAGE OF
STATE BAG

PERCENTAGE OF STATE BAG	(15%)	(4%)	(4%)	(9%)	(5%)	(2%)	(1%)	(6%)	(2%)	(8%)	(2%)
	BAY AREA	SAN JOSE	STOCKTON	SACTO.	CHICO	REDDING	EUREKA	FRESNO	SKSFLO.	L. A.	S. DIEGO
	ALAMEDA	AREA	AREA	AREA	AREA	AREA	AREA	AREA	AREA	AREA	AREA
	S.F.	SANTA	SAN	SACRA-	BUTTE	SHASTA	HUMB-	FRESNO	KERN	L.A. &	SAN
	CON.COSTA	CLARA	JOAQUIN	MENTO	COUNTY	COUNTY	BOLDT	COUNTY	COUNTY	ORANGE	DIEGO
	COUNTIES	COUNTY	COUNTY	COUNTY	COUNTY	COUNTY	COUNTY	COUNTY	COUNTY	COUNTIES	COUNTY
ALAMEDA	5	"	"	"	"	"	"	"	"	"	"
BUTTE	8	"	3	"	76	15	42	"	"	"	"
COLUSA	16	5	"	2	3	8	4	3	"	3	"
CONTRA COSTA	8	8	"	"	"	"	"	"	"	"	"
FRESNO	"	7	4	"	"	"	"	81	6	16	"
GLENN	4	3	"	3	6	5	"	"	"	"	"
IMPERIAL	"	"	"	"	"	"	"	"	"	16	84
INYO	"	"	"	"	"	"	"	"	2	2	"
KERN	"	"	"	"	"	"	"	"	35	6	"
KINGS	"	"	"	"	"	"	"	"	14	"	"
LASSEN	"	"	"	"	"	8	"	"	"	"	"
LOS ANGELES	"	"	"	"	"	"	"	"	"	2	"
MADERA	"	9	"	"	"	"	"	5	"	2	"
MERCED	4	20	"	"	"	"	"	4	"	8	"
MODOC	"	"	"	"	"	18	"	"	"	"	"
ORANGE	"	"	"	"	"	"	"	"	"	2	"
PLACER	"	"	"	10	"	7	"	"	"	"	"
RIVERSIDE	"	"	"	"	"	"	"	"	"	2	"
SACRAMENTO	5	4	"	39	"	"	"	"	"	4	3
SAN BERNARDINO	"	"	"	"	"	"	"	"	"	9	"
SAN DIEGO	"	"	"	"	"	"	"	"	"	"	2
SAN JOAQUIN	5	11	83	"	"	"	"	2	"	"	"
SANTA CLARA	"	17	"	"	"	"	"	"	"	"	"
SHASTA	"	"	"	"	"	18	"	"	"	"	"
SISKIYOU	"	"	"	"	"	6	33	"	"	"	"
SOLANO	11	"	"	"	"	"	"	"	"	"	8
SONOMA	2	"	"	"	"	"	"	"	"	"	"
STANISLAUS	6	5	5	"	"	"	"	"	"	2	"
SUTTER	4	4	"	20	12	4	4	3	"	2	"
TEHAMA	"	"	"	"	3	15	"	"	"	"	"
TULARE	"	"	"	"	"	"	"	"	33	2	2
VENTURA	"	"	"	"	"	"	"	"	"	4	"
YOLO	5	3	"	14	"	"	"	"	"	"	"
YUBA	2	2	"	5	"	"	17	"	5	3	"
ALL OTHERS	15	2	5	7	"	1	"	2	5	13	1
TOTAL	100	100	100	100	100	100	100	100	100	100	100

TABLE 7-B

WHERE METROPOLITAN AREA QUAIL HUNTERS BAGGED THEIR QUAIL - 1967

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

(STATE BAG 2,584,000)

PERCENTAGE OF STATE BAG	(8%)	(2%)	(2%)	(2%)	(1%)	(3%)	(1%)	(5%)	(4%)	(21%)	(6%)
	BAY AREA	SAN JOSE	STOCKTON	SACTO.	CHICO	REDDING	EUREKA	FRESNO	BKSFLD.	L. A.	S. DIEGO
	ALAMEDA	AREA	AREA	AREA	AREA	AREA	AREA	AREA	AREA	AREA	AREA
	S.F.	SANTA	SAN	SACRA-	BUTTE	SHASTA	HUM-	FRESNO	KERN	L.A. &	SAN
	CON. COSTA	CLARA	JOAQUIN	MENTO	COUNTY	COUNTY	BOLDT	COUNTY	COUNTY	ORANGE	DIEGO
	COUNTIES	COUNTY	COUNTY	COUNTY	COUNTY	COUNTY	COUNTY	COUNTY	COUNTY	COUNTIES	COUNTY
ALAMEDA	15										
AMADOR	7		6	5							
BUTTE					71						
CALAVERAS	4		21								
CONTRA COSTA	11										
EL DORADO				28							
FRESNO		7	12					82			
HUMBOLDT							79				
IMPERIAL										8	4
INYO									9	2	
KERN									70	14	
LAKE	11										
LASSEN						5					
LOS ANGELES	2									24	
MADERA	2	4						10		2	
MARIPOSA				17							
MENDOCINO	6						2				
MERCED		3									
MODOC						5					
NAPA	3										
NEVADA	2										
ORANGE										2	
PLACER				8							
PLUMAS						2					
RIVERSIDE				3						21	3
SACRAMENTO		5		18							
SAN BENITO		8						4			
SAN BERNARDINO										6	
SAN DIEGO				3						5	91
SAN JOAQUIN	6		50								
SAN LUIS OBISPO		2			12				2	2	
SAN MATEO	5										
SANTA BARBARA									2		
SANTA CLARA	5	63									
SANTA CRUZ				2							
SHASTA						80					
SISKIYOU	2					2	2				
SONOMA	3										
STANISLAUS	2										
SUTTER		5		2							
TEHAMA					7	5					
TRINITY							7				
TULARE									11		
TUOLUMNE			9								
VENTURA							7		2	9	
YOLO				6							
ALL OTHERS	14	3	2	11	8	1	3	4	4	5	2
TOTAL	100	100	100	100	100	100	100	100	100	100	100

TABLE 7-C

WHERE METROPOLITAN AREA DOVE HUNTERS BAGGED THEIR DOVES - 1967

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

(STATE BAG 5,125,300)

PERCENTAGE OF
STATE BAG

	(10%)	(3%)	(4%)	(4%)	(2%)	(1%)	(7)	(8%)	(8%)	(17%)	(5%)
	BAY AREA	SAN JOSE	STOCKTON	SACTO.	CHICO	REDDING	EUREKA	FRESNO	BKSFLD.	L. A.	S.DIEGO
	ALAMEDA	AREA	AREA	AREA	AREA	AREA	AREA	AREA	AREA	AREA	AREA
	S.F.	SANTA	SAN	SACRA-	BUTTE	SHASTA	HUM-	FRESNO	KERN	L.A. &	SAN
	CON.COSTA	CLARA	JOAQUIN	MENTO	COUNTY	COUNTY	BOLDY	COUNTY	COUNTY	ORANGE	DIEGO
	COUNTIES	COUNTY	COUNTY	COUNTY	COUNTY	COUNTY	COUNTY	COUNTY	COUNTY	COUNTIES	COUNTY
ALAMEDA	9										
AMADOR				8							
BUTTE					78						
CALAVERAS			7								
COLUSA	6				6						
CONTRA COSTA	19	2		2							
EL DORADO				4							
FRESNO	5	13	7					83		3	
GLENN	2			2							
HUMBOLDT							13				
IMPERIAL										28	35
KERN									83	9	
KINGS								5	2		
LAKE	6										
LASSEN						2					
LOS ANGELES										12	
MADERA		3						3			
MENDOCINO	2										
MERCED	6	17						3			
MODOC				4							
MONTEREY	2	3									
NAPA	2										
ORANGE										4	
PLACER				6							
RIVERSIDE										24	7
SACRAMENTO				42							
SAN BENITO		8									
SAN BERNARDINO										4	
SAN DIEGO										3	57
SAN JOAQUIN	6	2	78								
SAN MATEO	2										
SANTA CLARA	2	33									
SHASTA						71					
SISKIYOU						7	47				
SOLANO	2										
SONOMA	2										
STANISLAUS	7	4	4	3							
SUTTER	2				2						
TEHAMA					5	17					
TRINITY							9				
TULARE		6					31	2	15	3	
VENTURA										3	
YOLO	3	2		13							
YUBA				2	2						
ALL OTHERS	15	7	3	14	7	3		4		7	1
TOTAL	100	100	100	100	100	100	100	100	100	100	100

TABLE 7-D

WHERE METROPOLITAN AREA DUCK HUNTERS BAGGED THEIR DUCKS - 1967

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

(STATE BAG 3,369,200)

PERCENTAGE OF STATE BAG	(25%) BAY AREA ALAMEDA S.F. CON. COSTA COUNTIES	(9%) SAN JOSE AREA SANTA CLARA COUNTY	(2%) STOCKTON AREA SAN JOAQUIN COUNTY	(5%) SACTO. AREA SACRA- MENTO COUNTY	(4%) CHICO AREA BUTTE COUNTY	(1%) REDDING AREA SHASTA COUNTY	(2%) EUREKA AREA HUM- BOLDT COUNTY	(3%) FRESNO AREA FRESNO COUNTY	(2%) BKSFLD. AREA KERN COUNTY	(10%) L. A. AREA L.A. & ORANGE COUNTIES	(2%) S.DIEGO AREA SAN DIEGO COUNTY
ALAMEDA	8										
BUTTE	3			7	77						
COLUSA	16	2		16	11	13					
CONTRA COSTA	5	3									
FRESNO		7						55		8	
GLENN	4			2	4	11					
HUMBOLDT							83				
IMPERIAL										23	16
INYO										5	
KERN									41	13	
KINGS									45		
LASSEN						8					
LOS ANGELES										2	
MADERA								6			
MARIN	2										
MERCED	14	63	3					36		4	
MONO											2
ORANGE										8	
PLACER				6							
RIVERSIDE										14	
SACRAMENTO	2		16	17							
SAN BERNARDINO										2	
SAN DIEGO										2	79
SAN JOAQUIN	2	3	74								
SAN MATEO	4										
SANTA CLARA		10									
SHASTA						34					
SISKIYOU	2					31	17			7	
SOLANO	28										
STANISLAUS			2								
SUTTER	2	3	3	21	5						
TEHAMA					2						
TULARE									12		
VENTURA										3	
YOLO	2			20							
YUBA	3			2							
ALL OTHERS	3	9	2	9	1	3		1	2	9	3
TOTAL	100	100	100	100	100	100	100	100	100	100	100

TABLE 7-E

WHERE METROPOLITAN AREA DEER HUNTERS BAGGED THEIR DEER - 1967

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

(STATE BAG 98,800)

PERCENTAGE OF STATE BAG	(10%)	(6%)	(2%)	(4%)	(1%)	(4%)	(3%)	(3%)	(2%)	(8%)	(2%)
	BAY AREA	SAN JOSE AREA	STOCKTON AREA	SACTO. AREA	CHICO AREA	REDDING AREA	EUREKA AREA	FRESNO AREA	BKSFLD. AREA	L. A. AREA	S.DIEGO AREA
	ALAMEDA S.F. CON. COSTA COUNTIES	SANTA CLARA COUNTY	SAN JOAQUIN COUNTY	SACRA- MENTO COUNTY	BUTTE COUNTY	SHASTA COUNTY	HUMB- BOLDT COUNTY	FRESNO COUNTY	KERN COUNTY	L.A. & ORANGE COUNTIES	SAN DIEGO COUNTY
ALAMEDA	15	4	8								
ALPINE	4	4	23								
AMADOR		4	8								
BUTTE				3	17						
CALAVERAS	4		15					4			
COLUSA	2										
CONTRA COSTA	5										
EL DORADO				21				4		2	
FRESNO		2						61		3	
GLENN						3					
HUMBOLDT							69			2	
KERN									63	11	
LAKE	4										
LASSEN	4			7		13					
LOS ANGELES										27	
MADERA	5	2						9		3	
MENDOCINO	15	7		14	16		7	9			
MODOC	2	4			17	7					
MONO	2	2							5	6	
MONTEREY		4								5	
NAPA			15								
NEVADA		2		3							
ORANGE										3	
PLACER				3							
PLUMAS		2		14		3		4		3	
RIVERSIDE											15
SAN BENITO	2	2							11		
SAN BERNARDINO										2	
SAN DIEGO										3	60
SAN JOAQUIN			23								
SAN LUIS OBISPO									5		
SAN MATEO	4	2									
SANTA BARBARA										2	
SANTA CLARA	5	47									
SANTA CRUZ								4			
SHASTA	4					47				2	20
SIERRA				10							
SISKIYOU	5	2	8	14	25	20				3	5
SONOMA	2	4									
TEHAMA	4				25					2	
TRINITY				3		3	19	4		2	
TULARE									16	6	
TUOLUMNE		2								2	
VENTURA										11	
YOLO				3							
ALL OTHERS	12	4		5		4	5	1			
TOTAL	100	100	100	100	100	100	100	100	100	100	100

1967 Hunter Survey	Pheasants		Quail		Doves	
	Bag	Hunters	Bag	Hunters	Bag	Hunters
1 ALAMEDA	6,300	2,600	24,400	2,200	46,400	3,200
2 ALPINE	-	-	1,000	200	-	-
3 AMADOR	600	100	32,300	2,000	32,500	1,700
4 BUTTE	59,300	14,600	31,400	4,800	84,600	6,400
5 CALAVERAS	-	-	26,300	2,100	20,400	1,100
6 COLUSA	52,200	13,300	4,400	1,000	75,600	4,200
7 CONTRA COSTA	13,700	5,400	16,700	1,400	103,900	6,400
8 DEL NORTE	-	-	2,100	500	600	100
9 EL DORADO	-	-	32,300	2,700	23,500	1,700
10 FRESNO	65,300	25,900	145,100	12,900	460,900	21,200
11 GLENN	33,900	10,200	11,200	2,700	84,600	4,300
12 HUMBOLDT	-	-	27,000	3,600	1,000	200
13 IMPERIAL	35,000	15,600	63,000	9,200	480,500	29,100
14 INYO	6,400	3,100	25,000	4,400	44,300	3,200
15 KERN	10,600	6,300	144,500	22,900	330,300	19,100
16 KINGS	16,000	7,500	14,500	1,500	123,800	5,900
17 LAKE	1,600	600	63,800	3,600	80,900	2,800
18 LASSEN	6,200	2,700	30,800	2,700	53,900	2,600
19 LOS ANGELES	1,200	200	140,300	18,700	103,400	10,600
20 MADERA	19,100	6,400	64,900	4,200	72,100	3,800
21 MARIN	3,800	1,400	6,300	1,100	16,300	1,400
22 MARIPOSA	-	-	32,300	3,400	4,800	900
23 MENDOCINO	-	100	46,800	5,700	24,900	1,200
24 MERCED	47,300	19,400	35,100	3,700	182,800	10,000
25 MODOC	8,500	3,900	23,000	1,800	28,600	1,600
26 MONO	600	500	4,100	700	11,300	1,100
27 MONTEREY	1,200	900	71,000	6,400	113,000	5,700
28 NAPA	700	1,200	24,700	2,700	29,800	2,500
29 NEVADA	200	100	25,900	2,200	14,300	1,100
30 ORANGE	1,500	500	8,900	2,200	42,000	3,000
31 PLACER	13,500	3,900	31,600	3,700	34,000	3,200
32 PLUMAS	-	-	4,900	1,400	900	400
33 RIVERSIDE	6,200	2,300	218,500	21,000	339,300	23,000
34 SACRAMENTO	40,400	15,500	12,100	3,000	89,000	7,300
35 San BENITO	1,400	500	27,600	2,200	43,800	2,500
36 San BERNARDINO	14,200	1,800	118,600	15,500	110,200	10,200
37 San DIEGO	1,100	1,100	188,000	14,000	180,000	10,800
38 San FRANCISCO	-	-	-	-	-	-
39 San JOAQUIN	42,300	17,700	32,600	3,800	189,900	11,200
40 San LUIS OBISPO	-	-	97,000	6,500	115,000	6,400
41 San MATEO	-	-	8,000	1,100	9,000	1,100
42 Santa BARBARA	-	-	117,800	5,900	92,600	3,700
43 Santa CLARA	5,800	3,100	41,700	4,600	71,200	6,000
44 Santa CRUZ	1,500	500	23,600	1,800	41,600	2,000
45 SHASTA	2,600	1,800	61,300	7,300	72,400	4,800
46 SIERRA	-	-	400	100	3,900	500
47 SISKIYOU	15,100	4,700	47,400	4,400	47,500	2,300
48 SOLANO	27,700	8,500	5,400	700	60,900	3,900
49 SONOMA	5,900	2,800	68,900	5,500	68,900	4,100
50 STANISLAUS	49,400	13,300	24,400	3,300	175,400	9,500
51 SUTTER	53,200	14,200	5,500	1,500	81,700	4,300
52 TEHAMA	10,200	4,300	22,500	2,300	53,200	3,200
53 TRINITY	-	-	13,500	2,200	4,900	600
54 TULARE	18,800	8,200	57,000	7,100	276,700	12,600
55 TUOLUMNE	100	100	33,600	3,000	13,200	1,000
56 VENTURA	2,300	900	94,000	7,800	62,000	4,900
57 YOLO	41,000	14,300	10,800	2,600	84,400	5,400
58 YUBA	25,200	6,800	23,800	2,000	65,000	3,000
Not Given	25,500	11,100	14,400	7,300	50,700	6,000
TOTAL	794,500		2,584,000		5,128,300	

1967		Chukar		Grouse		Pigeons	
Hunter Survey		Bag	Hunters	Bag	Hunters	Bag	Hunters
1	ALAMEDA	---	---	---	---	400	100
2	ALPINE	---	---	---	---	---	---
3	AMADOR	---	---	---	---	1,900	100
4	BUTTE	---	200	---	---	6,400	1,600
5	CALAVERAS	---	---	---	---	1,100	500
6	COLUSA	---	---	---	---	3,700	100
7	CONTRA COSTA	---	100	---	---	200	100
8	DEL NORTE	---	---	---	---	3,200	600
9	EL DORADO	---	---	400	400	4,700	1,100
10	FRESNO	3,800	2,100	---	400	4,800	1,200
11	GLENN	---	---	---	---	600	500
12	HUMBOLDT	---	---	1,000	900	3,600	600
13	IMPERIAL	400	200	---	---	700	100
14	INYO	5,300	3,100	---	---	---	---
15	KERN	29,700	13,300	---	---	22,900	4,600
16	KINGS	---	---	---	---	---	---
17	LAKE	---	---	---	---	500	400
18	LASSEN	1,500	1,800	---	100	---	---
19	LOS ANGELES	1,700	1,400	---	---	2,700	900
20	MADERA	300	200	---	100	2,300	700
21	MARTIN	---	---	---	---	---	---
22	MARIPOSA	---	---	---	---	1,000	200
23	MENDOCINO	---	---	---	---	19,300	1,500
24	MERCED	300	200	---	---	---	100
25	MODOC	---	---	---	200	---	---
26	MONO	600	200	---	100	---	---
27	MONTREY	9,600	200	---	---	57,000	6,000
28	NAPA	---	---	---	---	700	100
29	NEVADA	---	---	100	100	5,900	700
30	ORANGE	---	100	---	---	200	100
31	PLACER	---	---	200	100	2,500	500
32	PLUMAS	---	100	---	100	---	200
33	RIVERSIDE	300	500	---	---	3,700	200
34	SACRAMENTO	---	---	---	---	1,900	100
35	San BENITO	100	200	---	---	---	100
36	San BERNARDINO	13,400	8,100	---	---	100	500
37	San DIEGO	---	100	---	---	12,600	1,400
38	San FRANCISCO	---	---	---	---	---	---
39	San JOAQUIN	---	---	---	---	2,300	700
40	San LUIS OBISPO	---	100	---	---	8,000	1,200
41	San MATEO	---	---	---	---	3,000	500
42	Santa BARBARA	900	100	---	---	1,500	1,400
43	Santa CLARA	---	---	---	---	6,300	1,200
44	Santa CRUZ	---	---	---	---	2,800	1,400
45	SHASTA	400	200	---	---	15,900	2,200
46	SIERRA	500	100	---	---	700	200
47	SISKIYOU	---	---	600	600	9,600	1,600
48	SOLANO	---	---	---	---	600	100
49	SONOMA	2,500	100	---	---	10,200	1,600
50	STANISLAUS	---	---	200	100	500	500
51	SUTTER	---	---	---	---	700	400
52	TEHAMA	---	---	---	---	6,400	900
53	TRINITY	---	---	900	600	2,800	1,000
54	TULARE	400	200	100	500	1,600	400
55	TUOLUMNE	---	---	---	---	4,400	1,400
56	VENTURA	1,000	500	---	---	9,500	2,200
57	YOLO	---	---	---	---	---	---
58	YUBA	---	---	---	---	6,000	500
NOT GIVEN		1,900	1,800	300	500	2,700	2,200
TOTAL		74,600		3,800		260,100	

1967		Ducks		Geese		Jacksnipes	
Hunter Survey		Bag	Hunters	Bag	Hunters	Bag	Hunters
1	ALAMEDA	64,300	3,200	200	200	3,300	400
2	ALPINE	-	-	-	-	-	-
3	AMADOR	5,000	200	1,200	500	200	100
4	BUTTE	194,300	12,400	36,900	7,000	500	200
5	CALAVERAS	-	-	200	400	200	100
6	COLUSA	290,400	22,700	59,700	13,400	3,600	600
7	CONTRA COSTA	50,100	2,600	3,500	1,100	3,000	100
8	DEL NORTE	23,300	1,400	-	100	4,400	500
9	EL DORADO	700	100	100	100	-	-
10	FRESNO	116,300	10,300	2,000	2,000	-	-
11	GLENN	131,300	11,000	42,300	7,400	2,200	500
12	HUMBOLDT	50,800	3,600	1,400	700	2,500	200
13	IMPERIAL	128,500	17,000	14,300	8,900	600	400
14	INYO	23,900	3,600	500	700	-	-
15	KERN	90,600	7,900	500	500	2,000	100
16	KINGS	38,800	1,200	3,300	400	-	-
17	LAKE	10,200	1,400	-	100	-	-
18	LASSEN	43,800	5,800	8,000	3,700	400	200
19	LOS ANGELES	8,700	700	500	200	-	-
20	MADERA	24,300	2,200	2,200	900	4,300	200
21	MARIN	29,700	2,000	100	100	1,000	100
22	MARIPOSA	-	-	-	-	-	-
23	MENDOCINO	16,000	1,000	1,000	200	6,400	100
24	MERCED	556,200	22,300	21,500	8,500	8,700	1,100
25	MODOC	42,500	5,300	17,900	4,400	1,700	200
26	MONO	12,600	1,800	500	500	-	-
27	MONTEREY	11,900	1,400	100	400	1,000	200
28	NAPA	11,600	1,100	200	200	-	-
29	NEVADA	1,100	200	-	-	400	100
30	ORANGE	24,500	700	1,500	100	4,900	100
31	PLACER	11,200	900	600	200	-	-
32	PLUMAS	6,600	1,500	100	400	-	-
33	RIVERSIDE	75,100	5,300	1,200	1,700	3,000	200
34	SACRAMENTO	66,000	5,300	11,700	3,300	1,100	200
35	San BENITO	5,900	400	100	200	100	100
36	San BERNARDINO	20,700	3,100	700	400	-	-
37	San DIEGO	65,000	5,400	-	-	900	200
38	San FRANCISCO	-	-	-	-	-	-
39	San JOAQUIN	92,700	5,900	8,900	2,700	5,700	900
40	San LUIS OBISPO	27,600	2,100	2,000	700	500	100
41	San MATEO	33,700	1,100	-	-	-	-
42	Santa BARBARA	14,200	900	100	200	1,900	300
43	Santa CLARA	30,000	1,700	-	-	2,500	200
44	Santa CRUZ	1,800	200	-	100	700	100
45	SHASTA	21,800	3,200	2,700	1,500	500	200
46	SIERRA	2,200	400	100	100	700	100
47	SISKIYOU	127,200	12,100	41,600	9,400	1,200	400
48	SOLANO	308,100	15,100	9,100	4,600	6,500	600
49	SONOMA	30,800	2,700	900	400	14,900	500
50	STANISLAUS	27,800	3,200	2,700	1,200	900	400
51	SUTTER	109,600	10,600	19,300	5,300	1,000	400
52	TEHAMA	10,700	1,500	2,500	1,100	700	100
53	TRINITY	1,800	600	-	-	-	-
54	TULARE	27,700	1,700	400	200	-	-
55	TUOLUMNE	1,200	200	-	-	100	100
56	VENTURA	16,700	900	100	200	-	-
57	YOLO	86,000	5,000	9,400	2,800	500	100
58	YUBA	54,400	3,300	3,000	1,400	700	400
	Not Given	91,600	11,000	2,300	1,200	6,900	500
Total		3,369,200		339,100		102,300	

1967		Jackrabbits		Cottontail		Squirrels	
Hunter Survey		Bag	Hunters	Bag	Hunters	Bag	Hunters
1	ALAMEDA	19,000	3,100	6,300	1,200	-	-
2	ALPINE	700	400	500	400	1,700	400
3	AMADOR	2,200	500	500	200	2,200	1,400
4	BUTTE	36,600	3,700	1,000	400	8,700	2,300
5	CALAVERAS	4,800	500	1,700	500	6,700	2,000
6	COLUSA	20,700	2,700	100	100	-	-
7	CONTRA COSTA	21,200	1,800	1,000	400	-	-
8	DEL NORTE	-	-	200	100	200	100
9	EL DORADO	7,100	900	400	200	4,200	2,000
10	FRESNO	124,800	9,800	32,900	6,000	5,200	3,600
11	GLENN	10,100	2,100	200	100	1,600	700
12	HUMBOLDT	4,200	1,200	3,800	900	10,100	2,800
13	IMPERIAL	31,000	3,400	15,300	3,800	-	-
14	INYO	18,300	2,200	12,200	2,500	100	100
15	KERN	412,800	25,100	97,300	16,600	1,900	1,100
16	KINGS	27,100	2,800	2,500	1,100	200	100
17	LAKE	21,900	2,700	1,000	400	3,200	1,100
18	LASSEN	13,700	1,400	1,500	1,100	1,000	500
19	LOS ANGELES	149,000	15,000	112,000	15,400	-	-
20	MADERA	71,200	2,300	11,300	1,500	5,400	2,100
21	MARIN	5,700	600	100	100	-	-
22	MARIPOSA	1,200	500	1,100	400	3,300	1,600
23	MENDOCINO	16,900	1,600	1,100	500	7,500	2,300
24	MERCED	146,700	8,900	13,700	4,200	400	100
25	MODOC	11,300	700	1,600	700	-	-
26	MONO	3,900	500	1,000	200	-	-
27	MONTEREY	95,400	2,700	26,300	3,300	9,200	2,300
28	NAPA	6,500	1,400	400	100	3,800	600
29	NEVADA	500	100	-	-	5,100	1,800
30	ORANGE	25,100	2,700	57,600	3,700	-	-
31	PLACER	8,900	1,400	1,600	400	2,700	1,600
32	PLUMAS	7,900	400	600	200	1,400	900
33	RIVERSIDE	145,600	15,400	209,400	22,000	-	-
34	SACRAMENTO	40,900	4,700	3,500	600	-	-
35	San BENITO	4,200	900	3,900	700	-	-
36	San BERNARDINO	327,300	22,200	112,100	17,000	200	200
37	San DIEGO	77,600	9,600	164,100	14,200	200	100
38	San FRANCISCO	-	-	-	-	-	-
39	San JOAQUIN	118,400	8,000	4,800	1,400	700	400
40	San LUIS OBISPO	59,200	2,300	59,800	2,600	1,500	600
41	San MATEO	1,400	200	8,700	1,200	1,000	500
42	Santa BARBARA	55,600	2,300	30,900	3,100	700	100
43	Santa CLARA	16,400	1,800	9,500	1,400	1,700	700
44	Santa CRUZ	1,900	500	20,100	900	200	100
45	SHASTA	15,600	2,600	1,400	700	22,700	7,100
46	SIERRA	900	200	-	-	700	600
47	SISKIYOU	67,500	2,200	7,600	1,500	11,500	2,500
48	SOLANO	43,200	3,100	-	-	-	-
49	SONOMA	26,600	4,300	1,500	600	7,800	2,300
50	STANISLAUS	42,600	3,800	6,000	1,500	500	200
51	SUTTER	50,500	2,700	-	100	-	-
52	TEHAMA	18,000	1,700	-	100	5,900	1,800
53	TRINITY	2,600	400	-	-	13,800	2,700
54	TULARE	39,000	4,100	15,400	3,600	14,400	4,600
55	TUOLUMNE	3,100	700	100	500	6,500	2,300
56	VENTURA	50,600	5,300	68,700	8,100	200	200
57	YOLO	38,400	4,100	1,200	900	200	100
58	YUBA	22,800	1,000	2,200	700	1,500	700
Not Given		54,400	5,700	15,000	3,600	2,400	3,600
Total		2,650,700		1,152,700		180,200	

1967 Hunter Survey	Coots		Deer		Bear		Boar	
	Bag	Hunters	Bag	Hunters	Bag	Hunters	Bag	Hunters
1 ALAMEDA	6,500	200	1,900	3,700	-	-	-	-
2 ALPINE	-	-	2,000	19,300	-	-	-	-
3 AMADOR	600	100	600	6,000	-	400	-	-
4 BUTTE	14,700	1,700	900	13,200	200	1,400	-	-
5 CALAVERAS	-	-	1,200	10,200	-	500	-	100
6 COLUSA	20,400	2,200	100	1,800	-	400	-	-
7 CONTRA COSTA	1,000	200	500	2,100	-	-	-	-
8 DEL NORTE	2,200	400	100	3,100	-	500	-	-
9 EL DORADO	700	100	1,700	20,900	-	1,800	-	-
10 FRESNO	18,000	1,700	2,700	20,400	-	2,600	-	-
11 GLENN	4,700	500	900	5,000	-	700	200	100
12 HUMBOLDT	5,300	700	6,800	15,000	-	1,400	100	500
13 IMPERIAL	26,200	3,300	-	500	-	-	-	-
14 INYO	500	200	-	8,900	-	600	-	-
15 KERN	21,900	2,800	2,500	19,200	-	2,200	-	-
16 KINGS	12,800	500	-	1,000	-	400	-	100
17 LAKE	5,500	200	1,400	11,300	-	200	-	200
18 LASSEN	1,200	400	2,600	25,100	-	400	-	-
19 LOS ANGELES	-	-	2,200	16,000	-	200	200	400
20 MADERA	36,600	900	1,100	11,900	-	1,500	-	-
21 MARIN	1,200	100	1,100	2,300	-	-	-	-
22 MARIPOSA	-	-	500	8,700	-	1,000	-	-
23 MENDOCINO	2,700	400	8,900	22,000	-	1,100	100	1,100
24 MERCED	95,300	3,100	500	2,100	-	100	-	-
25 MODOC	2,000	500	3,000	21,800	-	600	-	-
26 MONO	-	-	1,600	29,700	-	600	-	-
27 MONTEREY	5,400	700	3,300	10,700	-	100	2,600	11,200
28 NAPA	-	-	2,700	7,500	-	-	-	-
29 NEVADA	-	-	1,000	12,600	-	700	-	-
30 ORANGE	-	-	200	2,000	-	-	-	-
31 PLACER	3,400	200	600	10,800	-	1,200	-	-
32 PLUMAS	1,200	100	1,500	24,300	100	1,400	-	-
33 RIVERSIDE	1,000	500	700	6,200	-	200	-	-
34 SACRAMENTO	15,400	1,100	100	700	-	-	-	-
35 San BENITO	3,700	100	1,400	3,400	-	-	400	500
36 San BERNARDINO	9,100	1,200	400	10,800	-	900	-	-
37 San DIEGO	8,600	1,100	1,900	10,300	-	100	-	-
38 San FRANCISCO	-	-	-	-	-	-	-	-
39 San JOAQUIN	22,000	1,600	500	600	-	-	-	-
40 San LUIS OBISPO	7,800	400	3,000	9,700	-	-	100	1,000
41 San MATEO	100	100	600	1,500	-	-	-	-
42 Santa BARBARA	62,800	600	3,300	8,600	-	100	3,800	2,200
43 Santa CLARA	2,500	400	3,700	7,400	-	-	200	500
44 Santa CRUZ	6,200	100	500	2,300	-	-	-	-
45 SHASTA	6,500	600	3,700	22,800	600	3,200	-	100
46 SIERRA	-	-	1,000	10,300	-	1,500	-	-
47 SISKIYOU	10,000	1,000	8,000	22,200	500	3,100	-	-
48 SOLANO	19,700	2,000	200	1,500	-	-	-	-
49 SONOMA	10,600	500	3,500	8,900	-	-	5,600	2,300
50 STANISLAUS	6,800	600	100	3,100	100	400	-	-
51 SUTTER	18,300	1,600	100	100	-	-	-	-
52 TEHAMA	1,800	100	2,700	15,800	-	1,200	1,400	1,600
53 TRINITY	-	-	3,200	13,700	400	2,600	-	100
54 TULARE	2,600	200	1,900	15,100	-	2,800	-	-
55 TUOLUMNE	-	-	1,000	13,700	-	1,000	-	-
56 VENTURA	1,200	200	1,600	16,700	-	200	-	100
57 YOLO	12,200	900	700	2,300	-	-	-	-
58 YUBA	4,600	500	200	2,100	-	100	-	-
Not Given	20,200	900	700	68,400	200	7,000	100	2,600
Total	543,700		98,800		2,100		14,800	

1968		Chukar		Grouse		Pigeons	
Hunter Survey		Bag	Hunters	Bag	Hunters	Bag	Hunters
1	ALAMEDA	-	-	-	-	700	200
2	ALPINE	-	-	-	-	-	-
3	AMADOR	-	-	-	-	6,900	500
4	BUTTE	400	100	-	-	5,400	1,000
5	CALAVERAS	-	-	-	-	2,000	500
6	COLUSA	200	100	-	-	-	-
7	CONTRA COSTA	-	-	-	-	200	100
8	DEL NORTE	-	-	200	100	1,200	300
9	EL DORADO	-	-	-	-	7,300	1,300
10	FRESNO	1,100	1,500	300	300	2,900	900
11	GLENN	-	-	-	-	200	200
12	HUMBOLDT	-	-	1,600	1,000	13,200	1,400
13	IMPERIAL	-	300	-	-	-	-
14	INYO	9,800	2,900	-	-	-	-
15	KERN	36,800	14,700	-	-	300	1,100
16	KINGS	-	-	-	-	100	100
17	LAKE	-	-	-	-	1,100	100
18	LASSEN	1,900	1,400	-	200	-	-
19	LOS ANGELES	1,100	1,200	-	-	2,200	1,100
20	MADERA	-	-	-	100	4,100	800
21	MARIN	-	-	-	-	-	-
22	MARIPOSA	-	-	-	-	2,600	700
23	MENDOCINO	-	-	100	100	6,400	1,500
24	MERCED	300	200	-	-	-	-
25	MODOC	-	100	500	200	400	100
26	MONO	800	400	100	300	-	-
27	MONTEREY	1,100	100	-	-	64,700	6,200
28	NAPA	-	-	-	-	900	300
29	NEVADA	-	-	-	100	100	400
30	ORANGE	200	300	-	-	2,500	300
31	PLACER	-	-	-	100	8,500	1,000
32	PLUMAS	100	100	-	-	900	400
33	RIVERSIDE	2,900	1,000	-	-	7,000	1,000
34	SACRAMENTO	-	-	-	-	1,700	200
35	San BENITO	1,000	800	-	-	-	-
36	San BERNARDINO	24,300	7,700	-	-	300	200
37	San DIEGO	100	400	100	100	8,400	1,600
38	San FRANCISCO	-	-	-	-	-	-
39	San JOAQUIN	-	-	400	100	800	200
40	San LUIS OBISPO	-	-	-	-	40,100	4,600
41	San MATEO	-	-	-	-	1,700	300
42	Santa BARBARA	-	-	-	-	5,800	1,300
43	Santa CLARA	400	100	-	-	3,000	1,700
44	Santa CRUZ	-	-	-	-	10,200	1,700
45	SHASTA	-	-	-	100	39,000	2,700
46	SIERRA	200	200	300	300	500	200
47	SISKIYOU	-	-	500	300	10,800	1,600
48	SOLANO	-	-	-	-	400	200
49	SONOMA	-	-	-	-	13,200	1,200
50	STANISLAUS	-	-	-	-	1,100	200
51	SUTTER	-	-	-	-	2,800	200
52	TEHAMA	-	-	-	-	800	200
53	TRINITY	-	-	400	400	7,800	700
54	TULARE	100	300	-	-	2,100	900
55	TUOLUMNE	-	-	-	-	6,900	900
56	VENTURA	700	300	-	-	3,800	1,400
57	YOLO	-	-	-	-	-	300
58	YUBA	-	-	-	-	1,200	400
	Unknown	300	1,700	-	100	2,800	1,900
	Total	83,800	36,200	4,500	4,200	307,000	46,700