

California Department of Fish and Game
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REPORT OF THE 1968 GAME TAKE HUNTER SURVEY

Hunter game take questionnaires were mailed to 13,395 hunting licensees on January 9, 1969. This was a sample of 1.8 percent of the estimated hunting licensees and was selected randomly.

A total of 6,916 usable questionnaires was returned, a response of about 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. Their primary use 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 1968-69 hunting season calculations was $752,500 \div 6,916 = 108.1$.

<u>HUNTING LICENSE SALES</u>	<u>1967</u>	<u>1958*</u>	<u>Change from 1967</u>
Hunting Licenses	751,000	752,500	+ 0.2%
Deer Tags	425,500	426,000	+ T
Pheasant Tags	215,970	218,500	+ 1.2%
Bear Tags	34,470	33,500	- 2.8%
Duck Stamps	153,053	Not available	-

*Estimated

HUNTING REGULATION CHANGES

Doves

A split season was in effect in 1968. The early season was September 1-30 and the late season, November 30 through December 8, statewide.

The daily bag limit was reduced from 12 doves per day to 10 per day.

Deer

The late season two (2) buck areas of Del Norte, Siskiyou, Shasta, Trinity, Humboldt, Tehama and Glenn counties and the one (1) buck portions of Shasta, Tehama, Lassen, Plumas and Butte counties, which had an early closing in 1967 was extended in 1968 to conform with the general November 3, 1968 season closing date.

Bear

Southern California was closed to bear hunting.

Chukar Partridge

Tehama County was added to the general chukar season.

Tree Squirrels

Santa Cruz County was added to the general tree squirrel season.

Turkey

The first turkey season in California was opened for one day in San Luis Obispo County.

The following tables are appended to this report:

Table 1 - Mailing and Return of Questionnaires, By County of Residence
1968 Hunter Survey

Table 2 - Summary of Statewide Game Bag - 1968

Table 3 - Game Bag, Ten Leading Counties - 1968 (Pheasants, Quail,
Doves, Band-tailed Pigeons, Jackrabbits, Cottontail/
Brush Rabbits, Ducks and Geese)

Table 4 - Regional Game Bag, Major Species - 1968

Table 5 - Distribution of Hunter Effort, by Game Species - 1968

Table 6 - Hunter Success, Summary 1954-1968

Table 7 - Where Metropolitan Area Hunters Bag Their Game - 1968
(Expressed in Percent of Bag in the Counties Hunted)

Summary by Species:

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

BAG BY SPECIESUPLAND GAME

<u>PHEASANTS</u>	<u>1967</u>	<u>1968</u>	<u>Change from 1967</u>
Statewide Bag	794,500	662,200	- 17%
Hunters Reported	245,500	246,700	Trace
Average Seasonal Bag	3.2	2.7	- 0.5
Total Days Hunted	870,300	816,800	- 6%
Average Days Hunted	3.5	3.3	- 0.2

The 17 percent decrease in the 1968 pheasant bag from the reported kill in 1967 was attributed in part to a lower 1968 pheasant population. Preseason pheasant brood counts in 1968 had indicated poor pheasant production. It was felt that the long dry spring of 1968 was the most important contributing factor to this production decline.

The most pronounced drop in the 1968 pheasant bag was recorded in the principal pheasant producing counties of the San Joaquin Valley. Among the ten leading counties in the 1968 pheasant season take Fresno, Merced and Stanislaus Counties registered a combined total bag of 27 percent below the reported kill for 1967, while the leading counties in the Sacramento Valley; namely, Butte, San Joaquin, Sacramento, Yolo, Sutter and Colusa registered a decline of about 9 percent below their 1967 kill.

In 1967 the aforementioned San Joaquin Valley counties provided 20 percent of the statewide bag--in 1968 it was 18 percent. The Sacramento Valley counties in 1967 had 36 percent of the statewide bag while in 1968 it was 40 percent.

<u>QUAIL</u>	<u>1967</u>	<u>1968</u>	<u>Change from 1967</u>
Statewide Bag	2,584,000	2,392,700	- 7%
Hunters Reported	234,900	233,200	- 1%
Average Seasonal Bag	11.0	10.3	- 0.7
Total Days Hunted	1,029,100	995,600	- 3%
Average Days Hunted	4.4	4.3	- 0.1

In spite of good quail production in 1968 in most areas of the state, the quail bag for 1968 dropped 7 percent below 1967.

Minor declines from 1967 figures were noted in the number of quail hunters afield and in the hunting effort expended by these hunters during the 1968 quail season.

The south coastal counties of San Luis Obispo, Santa Barbara and Ventura, which have been traditionally among the ten leading counties in the statewide quail bag experienced a disappointing season in 1968 due to a poor hatch. The 1968 quail bag in these three counties combined to drop 45 percent below their reported kill in 1967.

<u>DOVES</u>	<u>1967</u>	<u>1968</u>	<u>Change from 1967</u>
Statewide Bag	5,128,300	4,461,900	- 13%
Hunters Reported	277,800	263,300	- 5%
Average Seasonal Bag	18.5	16.9	- 1.6
Total Days Hunted	1,158,500	1,076,500	- 7%
Average Days Hunted	4.2	4.1	- 0.1

The decreased 1968 dove bag which fell 13 percent below the record kill reported in 1967 was attributed in part to the reduction of the daily dove bag limit from 12 birds in the bag in 1967 to 10 in 1968.

Imperial County, the perennial leader in the statewide dove bag, registered an increase of about 14 percent over its 1967 kill. A generally reduced kill was recorded in most other parts of the state.

Preseason rainfall in northern California scattered dove concentrations and started an early southward migration of doves, which resulted in fewer birds available to hunters in most of northern California.

A 39-day split season was in effect in 1968. The first portion of 30 days was from September 1-30; the second of 9 days duration, was November 30-December 8. A similar split season was in effect in 1965. Listed below are the comparative proportions of the dove bag reported for September and December during 1965 and 1968.

SUCCESSFUL DOVE HUNTERS BY SEASON - 1965 and 1968

	<u>1965</u>		<u>1968</u>	
	<u>Hunters</u>	<u>Bag</u>	<u>Hunters</u>	<u>Bag</u>
September	89%	94%	85%	92%
December	11%	6%	15%	8%
	100%	100%	100%	100%

<u>BAND-TAILED PIGEONS</u>	<u>1967</u>	<u>1968</u>	<u>Change from 1967</u>
Statewide Bag	260,100	307,000	+ 18%
Hunters Reported	44,000	44,300	+ Trace
Average Seasonal Bag	5.9	6.9	+ 1.0
Total Days Hunted	126,100	130,300	+ 3%
Average Days Hunted	2.9	2.9	--

In 1968 the coastal counties from San Luis Obispo in the south to Sonoma in the north and the northwest counties of Humboldt, Shasta, Trinity and Siskiyou provided the major portion of the 1968 band-tailed pigeon bag.

Monterey County generally among the leaders in band-tail kill had an 11 percent increase over their 1967 bag figures and was responsible for about 21 percent of the statewide band-tailed pigeon bag in 1968.

<u>CHUKAR PARTRIDGE</u>	<u>1967</u>	<u>1968</u>	<u>Change from 1967</u>
Statewide Bag	74,200	83,800	+ 13%
Hunters Reported	33,000	32,600	- 1%
Average Seasonal Bag	2.2	2.6	+ 0.4
Total Days Hunted	94,200	102,200	+ 8%
Average Days Hunted	2.9	3.1	+ 0.2

<u>SIERRA/RUFFED GROUSE</u>	<u>1967</u>	<u>1968</u>	<u>Change from 1967</u>
Statewide Bag	3,800	4,500	+ 18%
Hunters Reported	4,900	4,200	- 14%
Average Seasonal Bag	0.8	1.1	+ 0.3
Total Days Hunted	7,600	5,440	- 8%
Average Days Hunted	1.6	1.3	- 0.3

<u>JACKRABBITS</u>	<u>1967</u>	<u>1968</u>	<u>Change from 1967</u>
Statewide Bag	2,650,700	2,440,700	- 8%
Hunters Reported	175,900	172,800	- 2%
Average Seasonal Bag	15.1	14.1	- 1.0
Total Days Hunted	1,633,200	1,590,300	- 3%
Average Days Hunted	9.3	9.2	- 0.1

<u>COTTONTAIL/BRUSH RABBITS</u>	<u>1967</u>	<u>1968</u>	<u>Change from 1967</u>
Statewide Bag	1,152,700	891,000	- 23%
Hunters Reported	132,600	119,200	- 10%
Average Seasonal Bag	8.7	7.5	- 1.2
Total Days Hunted	815,900	648,100	- 21%
Average Days Hunted	6.2	5.4	- 0.8

The key to the 1968 decline in the 1968 cottontail bag was provided in the traditional southern California areas of cottontail abundance. The four principal cottontail producing counties of Riverside, San Bernardino, San Diego and Los Angeles combined in 1968 to drop 31 percent below their combined total take in 1967.

The extremely dry springtime experienced statewide in 1968 had curtailed cottontail production and less rabbits were available to hunters.

<u>TREE SQUIRRELS</u>	<u>1967</u>	<u>1968</u>	<u>Change from 1967</u>
Statewide Bag	180,200	240,600	+ 34%
Hunters Reported	59,400	66,400	+ 12%
Average Seasonal Bag	3.0	3.6	+ 0.6
Total Days Hunted	232,200	282,000	+ 21%
Average Days Hunted	3.9	4.2	+ 0.3

WATERFOWL

<u>DUCKS</u>	<u>1967</u>	<u>1968</u>	<u>Change from 1967</u>
Statewide Bag	3,369,200	2,566,000	- 24%
Hunters Reported	191,200	185,800	- 3%
Average Seasonal Bag	17.6	13.8	- 3.8
Total Days Hunted	1,341,900	1,339,900	- Trace
Average Days Hunted	7.0	7.2	+ 0.2

The 24 percent decline in the 1968 duck bag from 1967 figures can be attributed to several conditions. Throughout the 86-day season, there was very little good duck hunting weather. Excessive rainfall was accompanied by a great deal of flooding. With the abundance of water the birds left their usual haunts and utilized the newly created habitat making the ducks unavailable to hunters. But probably the most important factor was the poor duck production experienced during the breeding season. Preseason banding samples, in-season bag checks and postseason wing analysis showed a very low incidence of young ducks.

About 31 percent of the state's duck hunters reported hunting effort on private or commercial gun clubs and accounted for about 41 percent of the statewide duck bag.

<u>GEESE</u>	<u>1967</u>	<u>1968</u>	<u>Change from 1967</u>
Statewide Bag	339,100	312,900	- 8%
Hunters Reported	88,900	85,000	- 4%
Average Seasonal Bag	3.8	3.7	- 0.1

The 1968 goose kill was down 8 percent from the 1967 bag in spite of the fact that goose populations were again at high levels. Undoubtedly the geese took advantage of the abundance of newly created habitat and were not available to the hunters.

BIG GAME

<u>DEER (Survey)</u>	<u>1967</u>	<u>1968</u>	<u>Change from 1967</u>
Statewide Bag	98,800	121,000	+ 23%
Hunters Reported	449,100	415,700	- 7%
Total Days Hunted	3,751,100	3,215,300	- 14%
Average Days Hunted	8.4	7.7	- 0.7

The 1968 deer kill of 121,000, as calculated from hunter questionnaire respondents, indicated an increase of 23 percent over the 98,800 deer kill reported in the 1967 hunter survey. The 51,706 deer kill report tags received in 1968 had indicated an increase of 29 percent over the 40,000 tags returned in 1967.

In 1967 the program for self-validation of deer kill report tags was initiated. At the conclusion of the 1967 deer season the 40,000 deer kill report tags indicated a 42 percent decline in the kill from the 69,118 report tags received in 1966. Hunter survey calculations for this same period had indicated a drop in the deer kill of 27 percent.

Prior to 1967 the total deer kill report tags received each year had consistently maintained an average of about half the number that were calculated in the hunter survey. In 1967 this proportion dropped to 40 percent. It was concluded from comparison of the records at that time that many successful buck hunters had neglected to submit deer kill report tags in 1967. This conclusion was confirmed the following year. In 1968 Department personnel checked more than 2,400 tagged deer in locker plants statewide. This sample indicated that an average of 45 percent of the tagged deer checked did not return deer kill report tags.

In 1968, with self-validation still in effect, a comparison between deer tag returns and hunter survey results indicated a slight change. Deer tag returns represented about 43 percent of the 121,100 deer kill calculated from 1968 hunter questionnaire respondents.

A comparison between deer kill report tag returns and hunter survey kill results is shown below:

<u>Reported Deer Kill</u>	<u>1963</u>	<u>1964</u>	<u>1965</u>	<u>1966</u>	<u>1967</u>	<u>1968</u>
Tags	56,814	66,584	61,224	69,118	40,000	51,706
Survey	117,100	138,700	128,200	135,200	98,800	121,100
Tag return percentage of survey results	49%	48%	48%	51%	40%	43%

A total of 35,000 archery deer hunters reported deer hunting effort in 1968. About 20 percent of the successful deer hunters took two deer.

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 1967 and 1968 are listed below:

	<u>1967</u>	<u>1968</u>
Antlerless Hunt Bag (tag count)	7,377	3,222
Special Antlerless Deer Hunt Tag Purchasers (License Section)	26,898	10,712

TABLE 1

MAILING AND RETURN OF QUESTIONNAIRES BY COUNTY OF RESIDENCE - 1968 HUNTER SURVEY

COUNTY	QUESTIONNAIRES MAILED	PERCENT OF TOTAL MAILED	NUMBER RETURNED	PERCENT RETURNED
ALAMEDA	586	4.4	303	51.7
ALPINE	1	.7	1	100.0
AMADOR	28	0.2	15	53.6
BUTTE	279	2.1	165	59.1
CALAVERAS	46	0.3	29	63.0
COLUSA	43	0.3	18	41.9
CONTRA COSTA	546	4.1	270	49.5
DEL NORTE	50	0.4	26	52.0
EL DORADO	77	0.6	34	44.2
FRESNO	507	3.8	268	52.9
GLENN	73	0.5	42	57.5
HUMBOLDT	279	2.1	145	52.0
IMPERIAL	96	0.7	45	46.9
INYO	47	0.4	24	51.1
KERN	403	3.0	207	51.4
KINGS	102	0.8	53	52.0
LAKE	54	0.4	21	38.9
LASSEN	79	0.6	41	51.9
LOS ANGELES	2,363	17.7	1,175	49.7
MADERA	81	0.6	38	46.9
MARIN	131	1.0	74	56.5
MARIPOSA	15	0.1	4	26.7
MENDOCINO	155	1.2	80	51.6
MERCED	187	1.4	88	47.1
MODOC	31	0.2	16	51.6
MONO	11	0.1	5	45.5
MONTEREY	193	1.4	104	53.9
NAPA	108	0.8	54	50.0
NEVADA	67	0.5	38	56.7
ORANGE	544	4.1	290	53.3
PLACER	171	1.3	87	50.9
PLUMAS	62	0.5	32	51.6
RIVERSIDE	221	1.6	110	49.8
SACRAMENTO	659	4.9	362	54.9
SAN BENITO	32	0.2	15	46.9
SAN BERNARDINO	327	2.4	174	53.2
SAN DIEGO	486	3.6	276	56.8
SAN FRANCISCO	187	1.4	86	46.0
SAN JOAQUIN	379	2.8	173	45.6
SAN LUIS OBISPO	148	1.1	68	45.9
SAN MATEO	346	2.6	194	56.1
SANTA BARBARA	153	1.1	72	47.1
SANTA CLARA	660	4.9	360	54.5
SANTA CRUZ	99	0.7	58	58.6
SHASTA	311	2.3	155	49.8
SIERRA	12	0.1	7	58.3
SISKIYOU	156	1.2	79	50.6
SOLANO	205	1.5	109	53.2
SONOMA	254	1.9	150	59.1
STANISLAUS	309	2.3	162	52.4
SUTTER	110	0.8	54	49.1
TEHAMA	89	0.7	43	48.3
TRINITY	27	0.2	15	55.6
TULARE	298	2.2	137	46.0
TUOLUMNE	62	0.5	31	50.0
VENTURA	174	1.3	84	48.3
YOLO	156	1.2	86	55.1
YUBA	120	0.9	64	53.3
TOTAL	13,395	100.0	6,916	51.6

TABLE 2
SUMMARY OF STATEWIDE GAME BAG - 1968

Species	Yearly Average		% Change From 1967
	1962-66	1967	
Pheasants	723,100	794,500	- 17
Quail	2,377,100	2,584,000	- 7
Doves	4,602,700	5,128,300	+ 13
Chukar Partridge	63,500	74,200	+ 13
Sierra & Ruffed Grouse	2,800	3,800	+ 18
Band-tailed Pigeons	271,400	260,100	- 8
Jackrabbits	2,195,500	2,650,700	+ 18
Cottontail/Brush Rabbits	815,500	1,152,700	+ 23
Tree Squirrels	125,900	180,200	+ 34
Ducks	2,314,400	3,369,200	+ 24
Geese	346,500	339,100	- 8
Jacksnipes	45,100	102,300	+ 31
Coots	311,000	543,700	+ 6
Buck Deer (Hunter Survey)	126,300	98,800	- 23
Buck Deer (Tag Count)	61,700	40,000	+ 29
Bears (Hunter Survey)	2,500	2,100	+ 24
Bears (Tag Count)	850	935	- 32
European Wild Pig	7,600	14,800	+ 11
Wild Turkey	No Season	No Season	-
		400	

TABLE 3

GAME BAG - 1968

(TEN LEADING COUNTIES)

<u>PHEASANTS</u>	<u>% OF STATE TOTAL</u>	<u>POSITION 1967</u>	<u>JACKRABBITS</u>	<u>% OF STATE TOTAL</u>	<u>POSITION 1967</u>
1. BUTTE	7.7	2	1. SAN BERNARDINO	14.6	2
2. SAN JOAQUIN	7.5	7	2. KERN	12.7	1
3. SACRAMENTO	7.3	9	3. LOS ANGELES	7.5	3
4. FRESNO	7.2	1	4. FRESNO	6.7	6
5. YOLO	6.4	8	5. MADERA	5.7	9
6. SUTTER	5.8	3	6. TULARE	4.1	19
7. IMPERIAL	5.6	10	7. RIVERSIDE	3.6	5
8. STANISLAUS	5.3	5	8. YOLO	2.9	20
9. MERCED	5.3	6	9. KINGS	2.9	23
10. COLUSA	5.0	4	10. MERCED	2.5	4
ALL OTHERS	<u>36.9</u>		ALL OTHERS	<u>36.8</u>	
TOTAL	100.0		TOTAL	100.0	
<u>QUAIL</u>			<u>RABBITS (COTTONTAIL/BRUSH)</u>		
1. KERN	9.2	4	1. RIVERSIDE	12.9	1
2. SAN DIEGO	7.2	2	2. SAN BERNARDINO	12.3	3
3. RIVERSIDE	5.9	1	3. SAN DIEGO	11.9	2
4. FRESNO	4.8	3	4. KERN	9.8	5
5. LOS ANGELES	4.6	5	5. LOS ANGELES	9.0	4
6. SAN BERNARDINO	4.3	6	6. VENTURA	4.8	6
7. MONTEREY	3.7	10	7. FRESNO	3.6	9
8. MADERA	3.6	12	8. MONTEREY	3.6	11
9. IMPERIAL	2.9	14	9. INYO	2.9	16
10. TULARE	2.9	16	10. MERCED	2.7	15
ALL OTHERS	<u>50.9</u>		ALL OTHERS	<u>26.5</u>	
TOTAL	100.0		TOTAL	100.0	
<u>DOVES</u>			<u>DUCKS</u>		
1. IMPERIAL	12.3	1	1. MERCED	15.9	1
2. FRESNO	8.8	2	2. COLUSA	11.3	3
3. TULARE	6.8	5	3. SOLANO	7.9	2
4. KERN	6.5	4	4. BUTTE	5.3	4
5. RIVERSIDE	5.3	3	5. KERN	5.0	11
6. SAN DIEGO	4.1	8	6. FRESNO	4.8	8
7. MERCED	3.4	7	7. SISKIYOU	4.4	7
8. BUTTE	3.3	16	8. SUTTER	4.4	9
9. YOLO	3.0	18	9. IMPERIAL	4.0	6
10. STANISLAUS	2.8	9	10. GLENN	4.0	5
ALL OTHERS	<u>43.7</u>		ALL OTHERS	<u>33.0</u>	
TOTAL	100.0		TOTAL	100.0	
<u>BAND-TAILED PIGEONS</u>			<u>GEESE</u>		
1. MONTEREY	21.1	1	1. SISKIYOU	16.3	3
2. SAN LUIS OBISPO	13.1	9	2. COLUSA	15.8	1
3. SHASTA	12.7	4	3. MODOC	9.5	7
4. SONOMA	4.3	6	4. BUTTE	8.3	4
5. HUMBOLDT	4.3	19	5. GLENN	7.3	2
6. SISKIYOU	3.5	7	6. MERCED	6.2	5
7. SANTA CRUZ	3.3	22	7. SUTTER	4.3	6
8. PLACER	2.8	25	8. SAN JOAQUIN	4.2	12
9. SAN DIEGO	2.7	5	9. SACRAMENTO	4.1	9
10. TRINITY	2.5	23	10. IMPERIAL	3.9	8
ALL OTHERS	<u>29.7</u>		ALL OTHERS	<u>20.1</u>	
TOTAL	100.0		TOTAL	100.0	

TABLE 4
DISTRIBUTION OF MAJOR GAME SPECIES BAG BY REGION - 1967-68
(Percentage of State Bag)

	Pheasants		Quail		Doves		Jackrabbits		Cottontail		Ducks	
	1967	1968	1967	1968	1967	1968	1967	1968	1967	1968	1967	1968
Region 1	6	6	9	8	5	5	5	5	1	3	10	11
Region 2	51	52	11	16	19	20	16	15	2	3	41	42
Region 3	5	6	20	18	15	12	11	9	12	11	10	8
Region 4	29	28	22	26	32	34	34	37	16	21	27	28
Region 5	— <u>9</u>	<u>8</u>	<u>38</u>	<u>32</u>	<u>29</u>	<u>29</u>	<u>34</u>	<u>34</u>	<u>69</u>	<u>62</u>	<u>12</u>	<u>11</u>
TOTALS	100	100	100	100	100	100	100	100	100	100	100	100

TABLE 5
DISTRIBUTION OF HUNTER EFFORT, BY GAME SPECIES - 1968

Species	Percent		Number		Total Hunters	
	Successful Hunters	Unsuccessful Hunters	Total Hunters	Successful Hunters	Unsuccessful Hunters	
Deer	15	47	62	100,600	315,100	415,700
Dove	36	3	39	243,000	20,300	263,300
Pheasant	26	11	37	175,800	70,900	246,700
Quail	28	7	35	188,800	44,400	233,200
Duck	23	5	28	153,000	32,800	185,800
Jackrabbit	24	2	26	160,400	12,400	172,800
Cottontail/Brush Rabbit	16	2	18	106,900	12,300	119,200
Goose	9	3	12	62,800	22,200	85,000
Tree Squirrel	8	2	10	55,800	10,600	66,400
Band-tailed Pigeon	5	2	7	33,200	11,100	44,300
Bear	T	4	4	1,300	28,600	29,900
Coot	4	T	4	30,000	900	30,900
Chukar Partridge	3	2	5	16,800	15,800	32,600
Wild Pig	1	2	3	6,400	13,100	19,500
Jacksnipe	2	T	2	9,800	1,200	11,000
Sierra/Ruffed Grouse	T	T	1	2,600	1,600	4,200

Total Individual Hunters - 675,000

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	25	67
1966	11	23	66
1967	10	22	68
1968	10	22	68

TABLE 7-A

WHERE METROPOLITAN AREA PHEASANT HUNTERS BAGGED THEIR PHEASANTS - 1968

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

(STATE BAG 662,200)

PERCENTAGE OF STATE BAG	(14%)	(5%)	(6%)	(10%)	(6%)	(1%)	(T)	(5%)	(2%)	(9%)	(3%)
	BAY AREA ALAMEDA S.F. Con.COSTA COUNTIES	SAN JOSE AREA SANTA CLARA COUNTY	STOCKTON AREA SAN JOAQUIN COUNTY	SACRA- MENTO COUNTY	CHICO AREA BUTTE COUNTY	REDDING AREA SHASTA COUNTY	EUREKA AREA HUM- BOLDT COUNTY	FRESNO AREA FRESNO COUNTY	BKSFLD. AREA KERN COUNTY	L.A. AREA L.A. & ORANGE COUNTIES	S. DIEGO AREA SAN DIEGO COUNTY
ALAMEDA	4	-	-	-	-	-	-	-	-	-	-
BUTTE	5	3	2	6	84	15	-	-	-	2	2
COLUSA	14	8	-	4	-	-	33	4	-	2	-
CONTRA COSTA	10	8	-	-	-	-	-	-	-	-	-
FRESNO	-	6	2	-	-	-	-	75	8	15	-
GLENN	6	-	-	-	-	7	15	-	-	2	-
IMPERIAL	-	-	-	-	-	-	-	-	-	17	82
KERN	-	-	-	-	-	-	-	-	6	13	-
KINGS	-	-	-	-	-	-	-	2	32	3	-
LASSEN	-	-	-	-	-	-	4	-	5	-	-
LOS ANGELES	-	-	-	-	-	-	-	-	-	2	-
MADERA	-	2	-	-	-	-	-	-	7	-	-
MARIN	2	-	-	-	-	-	-	-	-	-	-
MARIPOSA	-	-	-	-	-	-	-	-	2	-	-
MERCED	4	15	-	-	-	-	-	-	4	2	7
MODOC	-	-	-	-	-	-	-	-	8	3	3
ORANGE	-	-	-	-	-	-	-	-	-	-	-
PLACER	-	-	-	-	-	-	-	-	-	-	-
RIVERSIDE	-	-	-	-	-	-	-	-	-	5	2
SACRAMENTO	13	6	-	40	-	-	4	-	-	2	3
SAN BENITO	-	6	-	-	-	-	-	-	-	-	-
SAN BERNARDINO	-	-	-	-	-	-	-	-	-	6	5
SAN DIEGO	-	-	-	-	-	-	-	-	-	2	5
SAN JOAQUIN	8	3	84	3	-	-	-	17	-	-	-
SANTA CLARA	-	11	-	-	-	-	23	-	-	-	-
SHASTA	-	-	-	-	-	-	11	-	-	-	-
SISKIYOU	-	-	-	-	-	-	-	-	-	-	-
SOLANO	9	4	-	3	-	-	-	-	-	-	-
STANISLAUS	4	10	6	-	-	-	-	-	-	-	-
SUTTER	5	5	-	17	2	-	-	17	2	-	-
TEHAMA	-	3	-	-	4	7	-	-	-	-	-
TULARE	-	-	-	-	-	-	-	-	39	4	-
YOLO	6	2	-	18	-	7	-	-	2	-	-
YUBA	2	2	-	3	-	-	33	-	-	-	-
ALL OTHERS	8	6	6	2	3	-	-	2	-	10	6
TOTAL	100	100	100	100	100	100	100	100	100	100	100

TABLE 7-B
 WHERE METROPOLITAN AREA QUAIL HUNTERS BAGGED THEIR QUAIL - 1968
 EXPRESSED IN PERCENT OF BAG BY METROPOLITAN AREA HUNTERS IN THE COUNTIES THEY HUNTED
 (STATE BAG 2,392,700)

PERCENTAGE OF STATE BAG	(6%) BAY AREA	(2%) SAN JOSE AREA	(2%) STOCKTON AREA	(3%) SACRO. AREA	(1%) CHICO AREA	(2%) REDDING AREA	(2%) EUREKA AREA	(7%) FRESNO AREA	(6%) BKSFLD. AREA	(20%) L. A. AREA	(7%) S. DIEG AREA
	ALAMEDA S. F. Cox. COSTA COUNTIES	SANTA CLARA COUNTY	SAN JOAQUIN COUNTY	SACRA- MENTO COUNTY	BUTTE COUNTY	SHASTA COUNTY	HUM- BOLDT COUNTY	FRESNO COUNTY	KERN COUNTY	L.A. & ORANGE COUNTIES	SAN DIEGO COUNTY
ALAMEDA	8	-	-	-	-	-	-	-	-	-	-
AMADOR	2	-	-	10	-	-	-	-	-	-	-
BUTTE	13	-	-	-	68	-	-	-	-	-	-
CALAVERAS	2	-	7	2	-	-	-	-	-	-	-
COLUSA	3	-	3	-	2	-	-	-	-	-	-
CONTRA COSTA	12	-	-	-	-	-	-	-	-	-	-
EL DORADO	-	-	-	31	-	-	-	-	-	-	-
FRESNO	-	10	-	-	-	-	-	56	-	-	-
HUMBOLDT	-	-	-	2	-	-	87	-	-	-	-
IMPERIAL	-	-	-	-	-	-	-	-	-	-	7
INYO	-	-	-	-	-	-	-	-	-	3	2
KERN	-	4	-	-	-	-	-	-	-	81	21
KINGS	-	-	-	-	-	-	-	-	2	-	-
LAKE	5	-	3	-	-	-	-	-	-	-	-
LASSEN	-	5	-	-	-	-	-	-	-	-	-
LOS ANGELES	-	-	-	2	-	-	-	-	-	2	22
MADERA	3	3	3	-	-	-	-	-	34	-	-
MARIPOSA	-	3	-	-	-	-	-	-	-	-	-
MENDOCINO	11	-	-	2	-	-	-	2	-	-	-
MONTEREY	-	12	-	-	-	-	-	-	-	-	-
NAPA	-	-	-	-	-	-	-	-	-	-	-
NEVADA	7	-	-	-	-	-	-	-	-	-	-
PLACER	-	5	-	-	20	-	-	-	-	-	-
PLUMAS	-	-	-	-	-	5	-	-	-	-	-
RIVERSIDE	-	-	-	-	-	-	-	-	-	-	21
SACRAMENTO	-	-	-	15	-	-	-	-	-	-	-
SAN BENITO	-	9	-	-	-	-	-	-	-	-	-
SAN BERNARDINO	-	-	-	-	-	-	-	-	-	-	-
SAN DIEGO	-	-	-	-	-	-	-	-	-	-	3
SAN JOAQUIN	2	-	73	-	2	-	-	-	-	-	89
SAN LUIS OBISPO	-	4	-	-	-	-	-	-	-	4	-
SAN MATEO	4	-	-	-	-	-	-	-	-	-	-
SANTA CLARA	-	36	-	-	-	-	-	-	-	-	-
SHASTA	-	-	-	-	6	91	-	-	-	-	-
SONOMA	4	-	-	-	-	-	-	-	-	-	-
TEHAMA	3	-	-	-	17	7	-	-	-	-	-
TRINITY	-	-	-	-	-	-	-	7	-	-	-
TULARE	-	-	12	-	-	-	-	-	6	8	-
TUOLUMNE	-	-	-	-	-	-	-	-	-	3	-
VENTURA	-	-	-	-	-	-	-	4	-	4	-
VOLO	3	-	-	10	-	-	-	-	-	-	-
ALL OTHERS	18	9	2	6	-	2	-	2	2	8	4
TOTAL	100	100	100	100	100	100	100	100	100	100	100

TABLE 7-C

WHERE METROPOLITAN AREA DOVE HUNTERS BAGGED THEIR DOVES - 1968

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

(STATE BAG 4,461,900)

PERCENTAGE OF STATE BAG	(8%) BAY AREA	(3%) SAN JOSE AREA	(2%) STOCKTON AREA	(5%) SACRO. MENTO AREA	(3%) CHICO AREA	(1%) REDDING AREA	(T) EUREKA AREA	(8%) FRESNO AREA	(5%) BKSFLD. AREA	(18%) L. A. AREA	(7%) S. DIEG AREA
	ALAMEDA COUNTIES	S. F. CON. COSTA COUNTIES	SANTA CLARA COUNTY	SAN JOAQUIN COUNTY	SACRA- MENTO COUNTY	BUTTE COUNTY	SHASTA COUNTY	HUM- BOLDT COUNTY	FRESNO COUNTY	KERN COUNTY	L.A. & ORANGE COUNTIES
ALAMEDA	9	-	-	-	-	-	-	-	-	-	-
AMADOR	-	-	-	-	4	-	-	-	-	-	-
BUTTE	5	-	-	-	-	85	-	-	-	-	-
CALAVERAS	-	-	5	-	-	-	-	-	-	-	-
COLUSA	5	3	-	3	-	-	-	-	-	-	-
CONTRA COSTA	19	-	-	-	-	-	-	-	-	-	-
EL DORADO	-	-	-	3	-	-	-	-	-	-	-
FRESNO	3	7	2	-	2	-	-	-	82	-	2
GLENN	2	-	-	-	5	-	-	-	-	-	-
HUMBOLDT	-	-	-	-	-	-	-	100	-	-	-
IMPERIAL	-	-	-	-	-	-	-	-	-	38	45
KERN	4	6	-	-	-	-	-	-	-	84	10
KINGS	-	-	-	-	-	-	-	-	4	-	-
LAKE	2	-	-	-	-	-	-	-	-	-	-
LOS ANGELES	-	-	-	-	-	-	-	-	-	-	7
MADERA	2	-	-	-	-	-	-	-	-	-	-
MARIPOSA	-	2	-	-	-	-	-	-	-	7	-
MERCED	8	9	3	-	-	-	-	-	2	-	-
MONTEREY	2	8	-	-	-	-	-	-	-	-	-
NAPA	2	-	-	-	-	-	-	-	-	-	-
ORANGE	-	-	-	-	-	-	-	-	-	3	-
PLACER	-	-	-	-	11	-	-	-	-	-	-
RIVERSIDE	-	-	-	-	-	-	-	-	-	18	-
SACRAMENTO	4	-	-	38	-	-	-	-	-	-	-
SAN BENITO	-	12	-	-	-	-	-	-	-	-	-
SAN BERNARDINO	-	-	-	-	-	-	-	-	-	-	7
SAN DIEGO	-	-	-	-	-	-	-	-	-	-	3
SAN JOAQUIN	3	-	85	-	-	-	-	-	-	-	-
SAN LUIS OBISPO	-	-	-	-	-	-	-	-	-	6	-
SAN MATEO	2	-	-	-	-	-	-	-	-	-	-
SANTA CLARA	-	40	-	-	-	-	-	-	-	-	-
SHASTA	-	-	-	-	-	-	76	-	-	-	-
SOLANO	3	-	-	-	-	-	-	-	-	-	-
SONOMA	2	-	-	-	-	-	-	-	-	-	-
STANISLAUS	4	5	2	-	-	5	-	-	-	-	-
SUTTER	2	2	-	-	-	5	18	-	-	-	-
TEHAMA	2	2	-	-	-	5	2	-	-	-	-
TRINITY	-	-	-	-	-	-	-	-	-	-	-
TULARE	-	-	-	-	-	-	-	-	4	8	4
TUOLUMNE	-	-	2	-	-	-	-	-	-	-	-
VENTURA	-	-	-	-	-	-	-	-	-	2	-
YOLO	4	-	-	27	-	2	-	-	-	-	-
YUBA	-	-	-	3	-	-	-	-	-	-	-
ALL OTHERS	11	2	3	6	3	2	-	1	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 - 1968
 EXPRESSED IN PERCENT OF BAG BY METROPOLITAN AREA HUNTERS IN THE COUNTIES THEY HUNTED
 (STATE BAG 2,566,000)

PERCENTAGE OF STATE BAG	(19%) BAY AREA ALAMEDA S. F. Con. COSTA COUNTIES	(8%) SAN JOSE AREA COUNTY	(1%) STOCKTON AREA COUNTY	(6%) SACTO. AREA COUNTY	(3%) CHICO AREA COUNTY	(2%) REDDING AREA COUNTY	(2%) EUREKA AREA COUNTY	(5%) FRESNO AREA COUNTY	(1%) BKSFLD. AREA COUNTY	(9%) L. A. AREA COUNTIES	(3%) S. DIEG AREA COUNTY
ALAMEDA	7	3	-	-	-	-	-	-	-	-	-
BUTTE	5	2	-	12	77	12	-	-	-	-	-
CALAVERAS	-	-	6	-	-	-	-	-	-	-	-
COLUSA	28	7	5	7	3	7	-	-	-	-	-
CONTRA COSTA	7	4	-	-	-	-	-	-	-	-	-
DEL NORTE	-	-	-	-	-	-	3	-	-	-	-
FRESNO	-	-	-	-	-	-	-	68	2	6	-
GLENN	3	3	-	-	3	13	-	-	-	-	-
HUMBOLDT	-	-	-	-	-	-	-	87	-	-	-
IMPERIAL	-	-	-	-	-	-	-	-	4	24	24
KERN	-	-	-	-	-	-	-	-	79	25	25
KINGS	-	-	-	-	-	-	-	-	-	-	-
LASSEN	-	-	-	-	-	-	-	-	-	2	-
LOS ANGELES	-	-	-	-	-	-	6	-	-	2	-
MADERA	-	-	-	-	-	-	-	-	-	-	12
MARIN	-	-	-	2	-	-	-	-	-	-	-
MERCED	6	63	9	3	-	-	-	-	27	-	3
MODOC	-	-	-	-	-	-	-	-	-	-	2
RIVERSIDE	-	-	-	-	-	-	-	-	-	-	-
SACRAMENTO	3	2	-	-	16	-	-	-	-	-	4
SAN BERNARDINO	-	-	-	-	-	-	-	-	-	-	3
SAN DIEGO	-	-	-	-	-	-	-	-	-	-	5
SAN JOAQUIN	-	-	63	-	-	-	-	-	-	-	63
SAN MATEO	2	-	-	-	-	-	-	-	-	-	-
SANTA CLARA	-	8	-	-	-	-	-	-	-	-	-
SHASTA	-	-	-	-	-	-	44	-	-	-	-
SISKIYOU	2	2	-	-	2	-	-	8	-	-	4
SOLANO	19	-	3	15	-	-	-	-	-	-	2
STANISLAUS	-	-	6	-	-	-	-	-	-	-	-
SUTTER	9	-	-	13	4	-	-	-	-	-	-
TEHAMA	-	-	-	-	-	-	4	-	-	-	-
TUOLUMNE	-	-	-	-	-	-	-	-	-	7	-
VENTURA	-	-	-	-	-	-	-	-	-	2	-
YOLO	-	-	-	23	-	-	5	-	-	-	-
YUBA	-	-	-	-	3	-	-	-	2	2	-
ALL OTHERS	9	6	3	6	3	2	2	1	2	12	3
TOTAL	100	100	100	100	100	100	100	100	100	100	100

TABLE 7-E
 WHERE METROPOLITAN AREA DEER HUNTERS BAGGED THEIR DEER - 1968
 EXPRESSED IN PERCENT OF BAG BY THE METROPOLITAN AREA HUNTERS IN THE COUNTIES THEY HUNTED
 (STATE BAG 121,100)

PERCENTAGE OF STATE BAG	(1%)	(4%) SAN JOSE AREA	(1%) STOCKTON AREA	(4%) SACTO. AREA	(3%) CHICO AREA	(4%) REDDING AREA	(8%) EUREKA AREA	(3%) FRESNO AREA	(3%) BKSFLD. AREA	(8%) L. A. AREA	(1%) S. DIEG AREA	
	BAY AREA	S. F. CON. COSTA COUNTIES	SANTA CLARA COUNTY	SAN JOAQUIN COUNTY	SACRA-MENTO COUNTY	BUTTE COUNTY	SHASTA COUNTY	HUMBOLDT COUNTY	FRESNO COUNTY	KERN COUNTY	L.A. & ORANGE COUNTIES	SAN DIEGO COUNTY
ALAMEDA	6	2	-	-	-	-	-	-	-	-	-	-
ALPINE	3	9	20	-	-	-	-	-	-	-	-	-
AMADOR	-	-	-	2	-	-	-	-	-	-	-	-
BUTTE	-	-	-	5	31	-	-	-	-	-	-	-
CALAVERAS	2	7	6	-	-	-	-	-	-	-	-	-
COLUSA	2	-	6	5	-	-	-	-	-	-	-	2
CONTRA COSTA	3	-	-	-	-	-	-	-	-	-	-	2
EL DORADO	2	-	-	-	18	-	-	-	-	-	-	-
FRESNO	-	-	-	-	-	6	-	-	-	72	-	2
GLENN	-	-	-	-	-	-	-	-	-	-	-	-
HUMBOLDT	6	-	-	-	-	-	-	-	82	-	-	4
KERN	-	-	-	-	2	-	-	-	-	-	66	-
KINGS	-	-	-	-	-	-	-	-	-	-	-	2
LAKE	-	-	6	2	-	-	-	-	-	-	-	-
LASSEN	5	5	2	-	-	10	-	-	-	-	-	-
LOS ANGELES	-	-	-	-	-	-	-	-	-	-	-	15
MADERA	-	-	-	-	-	-	-	-	-	-	-	-
MARIN	-	-	-	-	-	-	-	-	-	-	-	-
MARIPOSA	-	-	-	-	-	-	-	-	-	-	-	-
MENDOCINO	13	2	-	-	16	6	3	2	6	-	-	-
MODOC	2	-	2	6	-	-	-	14	-	-	-	8
MONO	-	-	4	2	-	-	-	-	-	-	-	2
MONTEREY	-	-	4	-	-	-	-	-	-	-	-	2
NAPA	-	8	-	2	-	-	-	-	-	-	-	-
NEVADA	-	-	-	-	-	-	-	-	-	-	-	-
ORANGE	-	-	-	-	-	-	-	-	-	-	-	6
PLACER	-	-	-	-	-	-	-	-	-	-	-	-
PLUMAS	-	-	-	-	11	9	-	-	-	-	-	-
RIVERSIDE	-	-	-	-	-	2	-	-	-	-	-	-
SAN BENITO	-	-	-	-	-	-	-	-	-	-	-	-
SAN BERNARDINO	-	-	-	-	-	-	-	-	-	-	-	2
SAN DIEGO	-	-	-	-	-	-	-	-	-	-	-	-
SAN JOAQUIN	-	-	-	-	-	-	-	-	-	-	-	-
SAN LUIS OBISPO	-	-	-	-	-	-	-	-	-	-	-	-
SAN MATEO	-	-	-	-	-	-	-	-	-	-	-	-
SANTA BARBARA	-	-	-	-	-	-	-	-	-	-	-	-
SANTA CLARA	3	45	-	-	5	-	-	-	-	-	-	22
SHASTA	2	2	-	6	2	2	-	60	-	-	-	-
SIERRA	-	-	-	-	2	2	-	14	4	3	-	-
SISKIYOU	4	15	-	-	2	9	-	4	-	-	-	-
SONOMA	6	-	-	-	2	-	-	-	-	-	-	-
STANISLAUS	-	2	-	-	2	-	-	-	-	-	-	-
TEHAMA	3	4	-	6	2	20	4	-	-	-	-	7
TRINITY	2	-	-	-	5	-	4	-	-	-	-	2
TULARE	-	-	-	-	5	-	4	-	-	-	-	14
TUOLUMNE	-	-	-	26	-	-	-	-	-	-	-	3
VENTURA	-	-	-	-	5	-	-	-	-	-	-	3
YOLO	2	-	-	-	2	3	-	-	-	-	-	-
YUBA	-	-	-	-	-	-	-	-	6	-	-	-
ALL OTHERS	14	-	-	-	-	-	-	-	-	16	-	-
TOTAL	100	100	100	100	100	100	100	100	100	100	100	100

Hunter Survey	Pheasants		Quail		Doves	
	Bag	Hunters	Bag	Hunters	Bag	Hunters
1 ALAMEDA	3,400	2,500	10,800	2,100	33,500	3,300
2 ALPINE	-	-	-	-	-	-
3 AMADOR	100	100	24,800	2,100	21,000	1,700
4 BUTTE	50,900	15,000	42,800	4,600	146,900	7,400
5 CALAVERAS	100	300	23,800	3,400	9,900	1,000
6 COLUSA	32,900	13,200	10,900	1,500	67,600	4,400
7 CONTRA COSTA	13,000	4,100	16,100	2,100	67,200	5,300
8 DEL NORTE	-	-	1,500	300	-	-
9 EL DORADO	300	200	29,800	4,100	21,900	1,500
10 FRESNO	47,400	23,900	115,900	11,300	390,700	18,700
11 GLENN	27,900	10,900	6,300	1,300	49,500	3,000
12 HUMBOLDT	-	-	29,200	4,500	2,600	400
13 IMPERIAL	37,300	18,300	69,800	10,100	549,000	33,300
14 INYO	2,000	1,700	40,500	4,600	53,200	2,700
15 KERN	13,000	4,800	221,200	23,600	291,500	17,000
16 KINGS	13,800	6,900	15,000	2,400	112,900	6,200
17 LAKE	800	200	30,600	2,600	21,300	2,300
18 LASSEN	3,200	1,800	14,800	2,500	23,400	2,200
19 LOS ANGELES	1,400	800	110,600	18,200	56,500	8,100
20 MADERA	13,600	4,600	86,400	4,900	94,100	4,900
21 MARIN	2,200	800	7,500	900	9,000	400
22 MARIPOSA	700	100	24,900	2,100	19,100	800
23 MENDOCINO	100	200	58,900	6,500	19,300	1,500
24 MERCED	35,000	15,800	26,700	2,900	153,300	8,300
25 MODOC	12,900	3,500	12,900	2,000	14,000	800
26 MONO	1,100	500	5,100	800	4,400	700
27 MONTEREY	4,000	1,200	87,700	5,500	85,000	5,700
28 NAPA	2,000	1,300	33,100	3,000	27,900	2,700
29 NEVADA	200	100	20,300	2,300	1,300	200
30 ORANGE	1,700	400	7,700	1,700	26,800	2,200
31 PLACER	9,600	4,600	54,100	6,600	50,300	4,000
32 PLUMAS	-	-	10,400	1,400	2,500	400
33 RIVERSIDE	4,100	2,700	140,700	17,100	238,500	17,600
34 SACRAMENTO	48,600	18,100	14,000	3,400	98,000	6,500
35 San BENITO	2,600	1,000	37,500	2,500	42,500	2,100
36 San BERNARDINO	3,400	1,300	103,700	13,500	116,000	9,900
37 San DIEGO	1,800	800	173,000	13,600	183,700	10,200
38 San FRANCISCO	-	-	-	-	-	-
39 San JOAQUIN	50,000	19,000	39,000	4,800	112,200	9,100
40 San LUIS OBISPO	200	300	56,100	5,500	60,200	3,700
41 San MATEO	800	400	5,700	1,200	9,400	1,100
42 Santa BARBARA	200	100	53,500	3,600	26,500	2,100
43 Santa CLARA	3,800	2,500	17,100	3,300	51,400	4,500
44 Santa CRUZ	-	-	12,700	1,600	23,500	1,600
45 SHASTA	2,000	1,300	53,400	6,000	43,800	3,600
46 SIERRA	-	100	200	400	2,400	500
47 SISKIYOU	10,100	5,100	33,100	3,700	60,900	2,800
48 SOLANO	27,600	11,200	7,400	1,400	29,300	3,500
49 SONOMA	8,100	3,800	50,500	5,700	63,400	5,100
50 STANISLAUS	35,100	14,700	27,500	4,600	123,100	9,400
51 SUTTER	38,200	13,800	8,900	2,300	66,000	4,900
52 TEHAMA	7,800	4,500	32,200	4,100	63,300	4,100
53 TRINITY	-	-	8,500	1,200	1,200	200
54 TULARE	22,500	10,400	69,600	7,900	303,000	14,600
55 TUOLUMNE	-	-	25,800	3,400	6,300	700
56 VENTURA	700	300	60,200	8,600	44,100	3,700
57 YOLO	42,400	16,400	28,500	3,500	131,900	7,400
58 YUBA	13,300	5,500	23,000	2,600	40,000	3,400
Unknown	8,300	10,700	20,700	6,900	65,800	6,400
TOTAL	662,200	282,000	2,392,700	274,200	4,461,900	289,700

1968 Hunter Survey	Jackrabbits		Cottontails		Tree Squirrels	
	Bag	Hunters	Bag	Hunters	Bag	Hunters
1 ALAMEDA	15,100	2,100	4,600	1,400	-	-
2 ALPINE	-	-	-	-	1,400	300
3 AMADOR	2,000	500	1,400	400	6,500	1,600
4 BUTTE	46,600	2,900	700	400	10,700	3,500
5 CALAVERAS	13,500	800	2,100	1,000	13,000	2,500
6 COLUSA	14,100	2,900	100	100	-	-
7 CONTRA COSTA	16,200	2,500	1,000	300	100	100
8 DEL NORTE	-	-	-	-	1,300	300
9 EL DORADO	3,800	700	700	400	6,900	3,200
10 FRESNO	164,100	10,400	32,400	5,100	8,800	3,700
11 GLENN	14,800	2,400	-	-	3,800	700
12 HUMBOLDT	13,800	1,800	8,300	1,300	16,400	3,100
13 IMPERIAL	29,200	3,200	18,700	3,800	-	-
14 INYO	24,300	2,400	26,300	3,300	100	100
15 KERN	310,600	21,500	87,000	13,500	1,500	1,000
16 KINGS	69,500	2,900	6,300	1,400	2,200	100
17 LAKE	20,100	2,100	500	200	7,100	1,500
18 LASSEN	25,400	2,500	3,900	1,500	3,900	500
19 LOS ANGELES	183,300	14,100	80,100	12,600	1,000	300
20 MADERA	139,500	2,700	7,600	2,200	9,700	3,700
21 MARIN	3,600	800	-	-	1,200	200
22 MARIPOSA	200	100	700	300	9,500	2,400
23 MENDOCINO	10,000	2,100	3,200	700	7,800	2,800
24 MERCED	61,600	6,700	24,300	3,400	500	300
25 MODOC	18,800	1,100	3,400	900	800	100
26 MONO	7,500	1,000	3,200	300	100	100
27 MONTEREY	23,800	2,500	32,200	3,600	11,200	2,800
28 NAPA	27,400	2,300	1,300	300	3,600	1,300
29 NEVADA	3,300	400	700	200	6,800	2,000
30 ORANGE	10,600	1,500	21,100	2,800	-	-
31 PLACER	23,000	3,200	1,300	400	5,700	2,200
32 PLUMAS	1,800	300	-	-	4,200	1,000
33 RIVERSIDE	87,900	12,500	114,900	15,600	-	100
34 SACRAMENTO	42,800	4,500	2,600	500	-	-
35 San BENITO	22,000	1,600	3,600	800	-	-
36 San BERNARDINO	357,200	19,800	109,200	14,600	1,200	100
37 San DIEGO	60,200	6,400	105,600	10,200	300	100
38 San FRANCISCO	-	-	-	-	-	-
39 San JOAQUIN	52,200	6,200	7,700	1,800	100	100
40 San LUIS OBISPO	29,300	3,800	20,200	2,800	500	300
41 San MATEO	-	-	15,200	1,700	1,500	300
42 Santa BARBARA	14,900	1,600	18,600	2,000	-	-
43 Santa CLARA	25,200	2,200	5,500	1,700	5,400	1,200
44 Santa CRUZ	-	100	8,700	1,200	2,400	200
45 SHASTA	33,900	2,900	1,000	500	14,900	5,000
46 SIERRA	100	200	300	200	2,900	400
47 SISKIYOU	44,000	2,500	7,500	1,300	11,500	3,200
48 SOLANO	31,700	3,400	200	100	100	100
49 SONOMA	18,100	3,300	2,500	400	4,800	1,200
50 STANISLAUS	35,500	5,200	8,600	1,500	500	200
51 SUTTER	32,700	3,500	300	300	-	-
52 TEHAMA	6,400	1,500	-	-	5,800	1,900
53 TRINITY	1,300	700	200	200	7,100	3,100
54 TULARE	100,700	6,200	13,600	3,300	17,100	5,900
55 TUOLUMNE	900	500	2,200	800	12,800	3,000
56 VENTURA	36,600	3,700	42,700	5,500	900	200
57 YOLO	69,500	6,000	1,700	500	500	300
58 YUBA	12,300	1,600	3,100	500	1,600	900
Unknown	27,800	4,800	22,200	4,400	2,900	2,400
TOTAL	2,440,700	204,500	891,000	134,700	240,600	71,700

Hunter Survey	Ducks		Geese		Jacksnipe		Coots	
	Bag	Hunters	Bag	Hunters	Bag	Hunters	Bag	Hunters
1 ALAMEDA	39,200	2,600	100	200	1,100	100	2,600	700
2 ALPINE	500	100	-	-	-	-	-	-
3 AMADOR	1,200	500	300	200	-	-	-	-
4 BUTTE	136,000	14,000	26,100	6,200	4,500	500	37,900	1,700
5 CALAVERAS	6,000	800	800	400	-	-	400	200
6 COLUSA	290,500	22,400	49,400	13,800	2,600	900	15,800	2,500
7 CONTRA COSTA	41,900	2,700	7,400	1,700	6,300	200	900	300
8 DEL NORTE	10,600	800	-	-	2,300	200	-	-
9 EL DORADO	2,400	700	-	-	-	-	600	100
10 FRESNO	123,600	10,100	2,200	1,900	6,600	800	29,100	2,600
11 GLENN	103,800	8,500	22,900	3,900	1,700	300	33,600	1,200
12 HUMBOLDT	40,300	3,600	1,200	800	13,800	500	7,500	500
13 IMPERIAL	103,800	13,700	12,300	6,600	800	400	47,300	2,600
14 INYO	15,900	2,200	1,300	700	600	300	1,200	500
15 KERN	126,900	9,400	1,000	1,200	1,500	200	14,000	1,400
16 KINGS	3,300	1,100	100	200	200	200	700	200
17 LAKE	700	300	200	200	-	-	200	100
18 LASSEN	28,200	3,300	3,200	1,900	200	100	900	100
19 LOS ANGELES	28,900	1,400	200	700	-	100	5,900	300
20 MADERA	9,000	1,400	300	500	-	-	5,400	300
21 MARIN	8,300	1,000	-	-	700	100	1,100	100
22 MARIPOSA	400	100	-	-	-	-	-	-
23 MENDOCINO	6,900	1,400	100	200	200	100	1,100	100
24 MERCED	406,800	21,800	19,300	7,000	5,900	1,000	57,000	2,900
25 MODOC	40,600	6,200	29,600	6,600	-	-	57,000	400
26 MONO	5,100	1,600	2,900	1,000	-	-	500	100
27 MONTEREY	15,400	900	500	200	-	100	2,700	300
28 NAPA	12,600	2,400	100	300	-	-	500	200
29 NEVADA	300	200	-	100	-	-	-	-
30 ORANGE	2,800	500	100	100	-	-	2,000	300
31 PLACER	4,600	1,500	300	400	-	-	4,900	100
32 PLUMAS	15,300	1,100	100	200	1,900	300	5,200	200
33 RIVERSIDE	17,700	3,900	2,100	1,600	-	-	6,000	400
34 SACRAMENTO	41,900	6,100	12,700	3,600	3,400	400	11,500	1,000
35 San BENITO	8,800	300	200	100	-	-	-	-
36 San BERNARDINO	11,900	2,500	1,000	800	300	100	17,200	900
37 San DIEGO	55,900	4,200	700	300	300	100	12,700	1,100
38 San FRANCISCO	-	-	-	-	-	-	-	-
39 San JOAQUIN	38,200	5,600	13,200	2,600	3,800	500	18,800	1,000
40 San LUIS OBISPO	7,800	1,400	200	300	400	100	1,700	300
41 San MATEO	9,900	500	-	-	1,100	100	8,100	300
42 Santa BARBARA	8,500	200	-	-	2,300	200	600	200
43 Santa CLARA	18,100	1,400	-	-	-	-	2,400	200
44 Santa CRUZ	-	-	-	-	-	-	-	-
45 SHASTA	22,600	2,800	1,800	1,100	200	200	4,500	300
46 SIERRA	2,500	400	-	100	-	-	-	-
47 SISKIYOU	113,900	11,100	50,900	10,600	100	100	10,000	700
48 SOLANO	202,000	16,700	8,500	3,300	1,700	400	12,100	1,600
49 SONOMA	22,400	2,400	100	300	5,300	700	8,300	400
50 STANISLAUS	33,400	2,700	4,800	1,000	1,100	100	15,100	900
51 SUTTER	112,000	12,300	13,600	6,000	600	300	7,900	900
52 TEHAMA	11,400	2,300	1,700	1,200	1,600	200	500	100
53 TRINITY	1,100	200	-	-	-	-	1,600	100
54 TULARE	15,800	1,400	800	400	100	100	300	100
55 TUOLUMNE	--	--	-	-	-	-	-	-
56 VENTURA	20,400	900	-	100	300	100	-	-
57 YOLO	69,300	6,000	10,000	3,400	4,500	700	16,000	1,000
58 YUBA	43,800	3,100	2,400	500	-	-	3,700	800
Unknown	44,900	12,100	6,200	1,200	2,600	200	16,900	800
	2,566,000	238,700	312,900	95,900	70,600	11,400	511,900	33,100

1968 Hunter Survey		Deer	
		Bag	Hunters
1	ALAMEDA	1,100	2,800
2	ALPINE	1,600	15,000
3	AMADOR	400	5,900
4	BUTTE	1,100	12,500
5	CALAVERAS	1,500	9,500
6	COLUSA	1,700	3,900
7	CONTRA COSTA	500	1,800
8	DEL NORTE	900	2,500
9	EL DORADO	3,200	16,200
10	FRESNO	3,300	15,700
11	GLENN	1,000	3,600
12	HUMBOLDT	9,500	14,500
13	IMPERIAL	-	800
14	INYO	100	8,700
15	KERN	3,600	18,900
16	KINGS	200	1,700
17	LAKE	2,500	11,800
18	LASSEN	3,800	25,500
19	LOS ANGELES	1,600	12,800
20	MADERA	800	10,700
21	MARIN	900	1,700
22	MARIPOSA	900	5,900
23	MENDOCINO	11,500	26,000
24	MERCED	100	1,500
25	MODOC	2,900	22,300
26	MONO	2,100	21,500
27	MONTEREY	4,200	10,100
28	NAPA	1,600	7,500
29	NEVADA	1,100	9,700
30	ORANGE	700	2,700
31	PLACER	700	10,700
32	PLUMAS	2,700	22,900
33	RIVERSIDE	700	5,800
34	SACRAMENTO	-	800
35	San BENITO	1,500	3,000
36	San BERNARDINO	400	7,000
37	San DIEGO	900	9,100
38	San FRANCISCO	-	-
39	San JOAQUIN	100	500
40	San LUIS OBISPO	3,500	8,500
41	San MATEO	500	1,000
42	Santa BARBARA	2,100	6,800
43	Santa CLARA	3,500	5,900
44	Santa CRUZ	200	2,600
45	SHASTA	1,100	18,700
46	SIERRA	1,300	8,800
47	SISKIYOU	9,000	24,000
48	SOLANO	400	1,000
49	SONOMA	1,600	7,500
50	STANISLAUS	900	3,000
51	SUTTER	-	300
52	TEHAMA	1,000	16,000
53	TRINITY	2,200	13,100
54	TULARE	1,500	15,900
55	TUOLUMNE	2,700	14,600
56	VENTURA	1,800	11,300
57	YOLO	1,500	3,200
58	YUBA	800	3,700
	Unknown	900	58,600
Total		121,100	