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REPORT OF THE 1977 GAME TAKE HUNTER SURVEY

Hunter game take questionnaires were mailed to 19,454 hunting licensees in January 1978. Two follow-up mailings were made to nonrespondents; the first approximately four weeks and the second approximately seven weeks after the initial mailing. One thousand two hundred thirty-four questionnaires were returned undelivered making a total possible response of 18,220. This was a randomly selected sample of 3.2 percent of the estimated 572,000 hunting license purchasers in 1977.

Fourteen thousand ninety-four usable questionnaires were returned; a response of 77 percent. The survey indicated that there was hunting effort by about 512,500 hunting licensees who spent some 8,357,900 days in the field.

For the past several years, follow-up mailings to nonrespondents have significantly increased response percentage. The increase in response alleviates nonresponse bias in the survey, a phenomenon based on the fact that individuals who were most successful (e.g. hunters) are more inclined to return a questionnaire than individuals who were not successful or did not participate. Nonresponse bias has been shown to be one of the principal causes of inflated bag and hunter use figures in surveys of this type. Statistical analysis of survey data now being gathered indicates a high degree of validity for species with large hunter participation.

<u>HUNTING LICENSE SALES*</u>	<u>1976</u>	<u>1977</u>	<u>Change from 1976</u>
Hunting Licenses	580,080	572,000	- 1%
Deer Tags	324,000	349,000	+ 8%
Bear Tags	29,395	26,150	-11%
Federal Duck Stamps	134,471	124,750	- 7%
State Duck Stamps	141,049	151,300	+ 7%

* Estimates

HUNTING REGULATION CHANGES

Quail

The opening date of archery and falconry quail season was advanced from August 23 to August 13 and ended on September 5 instead of September 10.

Sierra and Ruffed Grouse

The opening date of archery and falconry Sierra and ruffed grouse was advanced from August 23 to August 13.

Turkeys

The spring turkey season was lengthened two weeks, beginning one week earlier and ending one week later than the 1976 season.

Tree Squirrels

The archery and falconry tree squirrel season was lengthened one week, beginning on August 6 instead of August 14.

Bear

Both the early and late regular bear seasons were shortened three weeks from 1976. The three week reduction was taken from the end of the season.

Ducks

The duck season in northeastern California opened and closed one week later than in 1976. The "split" between the early and late portions of the Colorado River zone season was delayed two weeks from 1976.

Geese

The goose season in northeastern California opened and closed one week later than in 1976. The "split" between the early and late portions of the Colorado River zone season was delayed two weeks from 1976. Mendocino County was dropped from those counties with no open season on Canada geese or its subspecies, and the special closure for these geese was shortened three weeks in the San Joaquin Valley.

Coots, Gallinules and Jacksnipe

The coot, gallinule and jacksnipe seasons in northeastern California opened and closed one week later than in 1976. The "split" between the early and late portions of the Colorado River zone season was delayed two weeks from 1976.

The following tables are appended to this report:

Table 1 - Mailing and Return of Questionnaires, by County of Residence - 1977
Hunter Survey

Table 2 - Summary of Statewide Game Bag - 1977

Table 3 - Game Bag, Ten Leading Counties - 1977 (pheasants, quail, doves, band-tailed pigeons, jackrabbits, cottontail/brush rabbits, ducks and geese)

Table 4 - Regional Game Bag, Major Species - 1977

Table 5 - Distribution of Hunter Effort, by Game Species - 1977

Table 6 - Hunter Success, Summary 1954-77

Table 7 - Where Metropolitan Area Hunters Bag Their Game - 1977 (expressed in percent of bag in the counties hunted)

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

It is important to realize that there may still be statistical biases inherent in the hunter survey and the principal value of total bag figures in this report will be the indication of game bag trends. The respondents to this survey represent approximately 2.5 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. The primary use of this survey will be to compare this season with next season and in the future determination of 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 1977 hunter survey calculations was $572,000 \div 14,094 = 41$.

BAG AND HUNTER EFFORT BY SPECIES

UPLAND GAME

<u>PHEASANTS</u>	<u>1976</u>	<u>1977</u>	<u>Change from 1976</u>
Statewide Bag	528,200	490,600	- 7%
Hunters Reported	183,700	172,000	- 6%
Average Seasonal Bag	2.9	2.9	NONE
Total Days Hunted	714,700	660,100	- 8%
Average Days Hunted	3.9	3.8	-0.1

Continued loss of nesting and escape cover in the principal production areas of the central valley due to clean farming and urban expansion has further eroded statewide pheasant numbers. Nineteen seventy-seven brood counts indicated overall statewide production was equal to or better than 1976 in remaining habitat. The distribution of the bag between the Sacramento and San Joaquin valleys was nearly identical to last year. The total bag decreased in proportion to the number of hunters afield.

<u>QUAIL</u>	<u>1976</u>	<u>1977</u>	<u>Change from 1976</u>
Statewide Bag	1,553,400	1,607,900	+ 4%
Hunters Reported	152,800	151,200	- 1%
Average Seasonal Bag	10.2	10.6	+0.4
Total Days Hunted	736,500	801,500	+ 9%
Average Days Hunted	4.8	5.3	+0.5

The statewide quail bag was up slightly for all species. Late spring rains provided adequate food and cover over the majority of the state. Although water sources were reduced due to the drought, sufficient supplies remained to carry birds through the summer. Gambel's and mountain quail populations continue to remain relatively high following another good production year.

<u>DOVES</u>	<u>1976</u>	<u>1977</u>	<u>Change from 1976</u>
Statewide Bag	3,306,100	3,543,500	+ 7%
Hunters Reported	202,600	203,600	NONE
Average Seasonal Bag	16.3	17.4	+1.1
Total Days Hunted	867,900	909,300	+ 5%
Average Days Hunted	4.3	4.5	+0.2

Preseason dove populations were similar to 1976. The seven percent increase in statewide harvest can be attributed primarily to the 61 percent bag increase in the counties in the northcentral and northeastern portion of the state. Hunter success was good in Modoc, Lassen, Shasta, Tehama and Butte counties.

<u>BAND-TAILED PIGEONS</u>	<u>1976</u>	<u>1977</u>	<u>Change from 1976</u>
Statewide Bag	90,200	160,900	+78%
Hunters Reported	18,200	24,500	+35%
Average Seasonal Bag	5.0	6.6	+1.6
Total Days Hunted	50,700	66,700	+32%
Average Days Hunted	2.8	2.7	-0.1

The pigeon harvest in the coastal counties from Santa Cruz to San Diego County increased 264 percent from 1976, and was largely responsible for the 78 percent increase in statewide bag. Most Sierra Nevada counties reported bag figures below last year, probably due to the poor mast crop in that region. Pigeons were concentrated in areas with good feed, but unpredictable as usual.

<u>CHUKAR PARTRIDGE</u>	<u>1976</u>	<u>1977</u>	<u>Change from 1976</u>
Statewide Bag	44,400	51,300	+16%
Hunters Reported	16,400	17,500	+ 7%
Average Seasonal Bag	2.7	2.9	+0.2
Total Days Hunted	61,900	67,200	+ 9%
Average Days Hunted	3.8	3.8	NONE

<u>SAGE GROUSE</u>	<u>1976</u>	<u>1977</u>	<u>Change from 1976</u>
Statewide Bag	3,600	4,000	+11%
Hunters Reported	5,000	3,900	-24%
Average Seasonal Bag	0.7	1.0	+0.3
Total Days Hunted	8,000	5,900	-26%
Average Days Hunted	1.6	1.5	-0.1

<u>SIERRA/RUFFED GROUSE</u>	<u>1976</u>	<u>1977</u>	<u>Change from 1976</u>
Statewide Bag	8,600	9,100	+ 6%
Hunters Reported	5,900	5,900	NONE
Average Seasonal Bag	1.5	1.5	NONE
Total Days Hunted	20,700	21,000	+ 1%
Average Days Hunted	3.5	3.6	+0.1

<u>JACKRABBITS</u>	<u>1976</u>	<u>1977</u>	<u>Change from 1976</u>
Statewide Bag	711,000	710,500	NONE
Hunters Reported	84,800	83,400	- 2%
Average Seasonal Bag	8.4	8.5	+0.1
Total Days Hunted	566,300	620,400	+10%
Average Days Hunted	6.7	7.4	+0.7

<u>COTTONTAIL/BRUSH RABBITS</u>	<u>1976</u>	<u>1977</u>	<u>Change from 1976</u>
Statewide Bag	500,700	498,400	NONE
Hunters Reported	74,600	73,700	- 1%
Average Seasonal Bag	6.7	6.8	+0.1
Total Days Hunted	403,500	431,500	+ 7%
Average Days Hunted	5.4	5.9	+0.5

<u>TREE SQUIRRELS</u>	<u>1976</u>	<u>1977</u>	<u>Change from 1976</u>
Statewide Bag	254,200	346,500	+36%
Hunters Reported	54,900	63,900	+16%
Average Seasonal Bag	4.6	5.4	+0.8
Total Days Hunted	252,000	322,400	+28%
Average Days Hunted	4.6	5.0	+0.4

<u>WILD TURKEY</u>	<u>1976</u>	<u>1977</u>	<u>Change from 1976</u>
Statewide Bag	2,200	2,300	+ 5%
Hunters Reported	10,500	9,800	- 7%
Average Seasonal Bag	0.2	0.2	NONE
Total Days Hunted	26,500	28,200	+ 6%
Average Days Hunted	2.5	2.9	+0.4

WATERFOWL

<u>DUCKS</u>	<u>1976</u>	<u>1977</u>	<u>Change from 1976</u>
Statewide Bag	3,240,400	2,074,400	-36%
Hunters Reported	158,700	146,300	- 8%
Average Seasonal Bag	20.4	14.2	-6.2
Total Days Hunted	1,328,300	1,172,300	-12%
Average Days Hunted	8.4	8.0	-0.4

The 1977-78 duck harvest was the lowest in 15 years. Results of the annual federal wing survey indicated an unusually high percentage of adult birds in the bag. Poor nesting conditions on the northern breeding grounds due to the drought resulted in fewer than normal immature ducks wintering in California, which decreased hunter success (older, experienced birds are more difficult to bag). Also, population surveys indicated many ducks overflow California to winter in Mexico where habitat conditions were more favorable.

<u>GEESE</u>	<u>1976</u>	<u>1977</u>	<u>Change from 1976</u>
Statewide Bag	297,000	216,500	-27%
Hunters Reported	68,500	60,900	-11%
Average Seasonal Bag	4.3	3.6	-0.7

BIG GAME

<u>DEER (Hunter Survey)</u>	<u>1976</u>	<u>1977</u>	<u>Change from 1976</u>
Statewide Bag	74,700	90,700	+21%
Hunters Reported	334,700	337,400	+ 1%
Total Days Hunted	2,506,900	2,531,900	+ 1%
Average Days Hunted	7.5	7.5	NONE

<u>DEER (Tag Returns)</u>	<u>1976</u>	<u>1977</u>	<u>Change from 1976</u>
Statewide Bag	29,784	36,687	+23%
Deer Tag Sales	324,000	349,000	+ 8%

Improved fawn survival and good buck carry-over in most herds has increased deer numbers in much of the state. The 1977 season was the best in recent years, especially in the inland zones where the bag increased 40 percent from 1976. Ideal hunting conditions during the late seasons contributed to an excellent overall year.

<u>BEAR (Hunter Survey)</u>	<u>1976</u>	<u>1977</u>	<u>Change from 1976</u>
Statewide Bag	1,800	1,200	-33%
Hunters Reported	25,500	26,900	+ 5%
Total Days Hunted	137,200	144,500	+ 5%
Average Days Hunted	5.4	5.4	NONE

<u>BEAR (Tag Returns)</u>	<u>1976</u>	<u>1977</u>	<u>Change from 1976</u>
Statewide Bag	486	451	- 7%
Bear Tag Sales	26,200	26,200	NONE

<u>WILD PIGS</u>	<u>1976</u>	<u>1977</u>	<u>Change from 1976</u>
Statewide Bag	32,100	32,000	NONE
Hunters Reported	28,600	32,100	+12%
Total Days Hunted	176,800	188,000	+ 6%
Average Days Hunted	5.5	5.9	+0.4

TABLE 1
MAILING AND RETURN OF QUESTIONNAIRES BY COUNTY OF RESIDENCE - 1977 HUNTER SURVEY

COUNTY	QUESTIONNAIRES MAILED AND DELIVERABLE	PERCENT OF TOTAL MAILED	NUMBER RETURNED	PERCENT RETURNED
ALAMEDA	688	3.8	544	79.1
ALPINE	3	TRACE	2	66.7
AMADOR	55	0.3	41	74.5
BUTTE	503	2.8	386	76.7
CALAVERAS	57	0.3	42	73.7
COLUSA	66	0.4	50	75.8
CONTRA COSTA	668	3.7	529	79.2
DEL NORTE	74	0.4	57	77.0
EL DORADO	138	0.8	107	77.5
FRESNO	677	3.7	508	75.0
GLENN	119	0.7	96	80.7
HUMBOLDT	395	2.2	305	77.2
IMPERIAL	129	0.7	94	72.9
INYO	99	0.5	81	81.8
KERN	628	3.4	471	75.0
KINGS	139	0.8	102	73.4
LAKE	88	0.5	73	82.9
LASSEN	124	0.7	101	81.4
LOS ANGELES	2,213	12.1	1,683	76.0
MADERA	125	0.7	108	86.4
MARIN	182	1.0	152	83.5
MARIPOSA	23	0.1	18	78.3
MENDOCINO	223	1.2	177	79.4
MERCED	268	1.5	205	76.5
MODOC	76	0.4	58	76.3
MONO	30	0.2	25	83.3
MONTEREY	234	1.3	191	81.6
NAPA	154	0.9	114	74.0
NEVADA	118	0.7	97	82.2
ORANGE	695	3.8	542	78.0
PLACER	258	1.4	196	76.0
PLUMAS	95	0.5	68	71.6
RIVERSIDE	367	2.0	259	70.6
SACRAMENTO	1,080	5.9	847	78.4
SAN BENITO	61	0.3	46	75.4
SAN BERNARDINO	444	2.4	349	78.6
SAN DIEGO	702	3.9	566	80.6
SAN FRANCISCO	169	0.9	141	83.4
SAN JOAQUIN	522	2.9	392	75.1
SAN LUIS OBISPO	193	1.1	147	76.2
SAN MATEO	395	2.2	318	80.5
SANTA BARBARA	195	1.1	139	71.3
SANTA CLARA	848	4.6	661	77.9
SANTA CRUZ	128	0.7	100	78.1
SHASTA	590	3.2	442	74.9
SIERRA	14	0.1	9	64.3
SISKIYOU	297	1.6	237	79.8
SOLANO	278	1.5	220	79.1
SONOMA	393	2.2	308	78.4
STANISLAUS	497	2.7	376	75.6
SUTTER	204	1.1	163	79.9
TEHAMA	204	1.1	158	77.4
TRINITY	81	0.4	65	80.2
TULARE	408	2.2	301	73.8
TUOLUMNE	100	0.5	77	77.0
VENTURA	242	1.3	185	76.4
YOLO	246	1.4	195	79.3
YUBA	147	0.8	110	74.8
NONRESIDENT	71	0.4	60	84.5
TOTAL	18,220	100.0	14,094	77.3

TABLE 2

SUMMARY OF STATEWIDE GAME BAG - 1977

<u>Species</u>	<u>Yearly Average 1971-1975</u>	<u>1976</u>	<u>1977</u>	<u>% Change From 1976</u>
Pheasant	644,500	528,200	490,600	- 7
Quail	1,870,600	1,553,400	1,607,900	+ 4
Dove	4,230,300	3,306,100	3,543,500	+ 7
Chukar Partridge	61,700	44,400	51,300	+ 16
Sage Grouse	5,600	3,600	4,000	+ 11
Sierra and Ruffed Grouse	8,400	8,600	9,100	+ 6
Band-tailed Pigeons	287,300	90,200	160,900	+ 78
Wild Turkeys	1,860	2,200	2,300	+ 5
Jackrabbits	1,028,700	711,000	710,500	None
Cottontail/Brush Rabbits	654,400	500,700	498,400	None
Tree Squirrels	209,100	254,200	346,500	+ 36
Ducks	3,224,300	3,240,400	2,074,400	- 36
Geese	327,500	297,000	216,500	- 27
Jacksnipe	90,680	86,500	72,100	- 17
Coots	489,500	417,000	280,300	- 33
Buck Deer (Hunter Survey)	79,940	74,700	90,700	+ 21
Buck Deer (Tag Return)	31,246	29,784	36,687	+ 23
Bear (Hunter Survey)	1,800	1,800	1,200	- 33
Bear (Tag Return)	627	486	451	- 7
Wild Pigs	20,100	32,100	32,000	None

TABLE 3

MAJOR SPECIES GAME BAG - 1977*

(TEN LEADING COUNTIES)

<u>PHEASANTS</u>			<u>JACKRABBITS</u>		
	<u>% OF STATE TOTAL</u>	<u>POSITION 1976</u>		<u>% OF STATE TOTAL</u>	<u>POSITION 1976</u>
1. BUTTE	8.0	1	1. KERN	12.2	1
2. SUTTER	7.8	2	2. SAN BERNARDINO	7.3	3
3. COLUSA	7.4	5	3. RIVERSIDE	5.0	4
4. SAN JOAQUIN	5.9	7	4. FRESNO	4.4	2
5. YOLO	5.9	4	5. INYO	4.3	15
6. SACRAMENTO	5.8	3	6. MERCED	4.3	10
7. IMPERIAL	5.6	6	7. SAN JOAQUIN	4.1	6
8. SOLANO	5.4	8	8. SAN DIEGO	3.4	5
9. MERCED	5.1	10	9. LASSEN	3.3	11
10. FRESNO	5.0	9	10. LOS ANGELES	3.3	9
ALL OTHERS	38.1		ALL OTHERS	48.4	
TOTAL	100.0		TOTAL	100.0	
<u>QUAIL</u>			<u>RABBITS (COTTONTAIL/BRUSH)</u>		
1. RIVERSIDE	7.9	1	1. SAN BERNARDINO	10.9	4
2. KERN	6.8	3	2. RIVERSIDE	10.9	2
3. SAN DIEGO	6.3	2	3. KERN	10.8	3
4. SAN BERNARDINO	5.1	7	4. SAN DIEGO	9.6	1
5. FRESNO	4.8	4	5. MONTEREY	5.6	5
6. SHASTA	4.3	6	6. FRESNO	4.5	8
7. TULARE	3.7	8	7. LASSEN	3.9	18
8. IMPERIAL	3.4	11	8. LOS ANGELES	3.7	9
9. MONTEREY	3.2	5	9. IMPERIAL	3.6	7
10. MENDOCINO	3.2	10	10. INYO	3.1	6
ALL OTHERS	51.3		ALL OTHERS	33.4	
TOTAL	100.0		TOTAL	100.0	
<u>DOVES</u>			<u>DUCKS</u>		
1. IMPERIAL	10.3	1	1. MERCED	14.8	1
2. KERN	8.9	4	2. COLUSA	10.1	2
3. FRESNO	8.5	2	3. BUTTE	7.0	4
4. TULARE	7.7	5	4. SOLANO	6.0	3
5. RIVERSIDE	7.6	3	5. IMPERIAL	5.6	7
6. MERCED	3.6	6	6. SISKIYOU	4.8	8
7. BUTTE	3.4	9	7. SUTTER	3.4	5
8. TEHAMA	3.3	14	8. GLENN	2.9	12
9. SAN JOAQUIN	3.1	10	9. FRESNO	2.8	6
10. STANISLAUS	2.8	11	10. YUBA	2.8	14
ALL OTHERS	40.8		ALL OTHERS	39.8	
TOTAL	100.0		TOTAL	100.0	
<u>BAND-TAILED PIGEONS</u>			<u>GEESE</u>		
1. MONTEREY	14.0	2	1. COLUSA	18.7	1
2. KERN	7.5	19	2. SISKIYOU	13.5	2
3. SAN LUIS OBISPO	7.4	12	3. BUTTE	8.5	5
4. SANTA BARBARA	6.9	31	4. GLENN	8.1	6
5. SANTA CRUZ	6.6	11	5. MERCED	8.0	3
6. SHASTA	6.5	1	6. MODOC	8.0	4
7. SAN DIEGO	5.1	9	7. IMPERIAL	5.6	7
8. TRINITY	5.1	10	8. LASSEN	3.8	12
9. BUTTE	4.2	4	9. SUTTER	2.9	8
10. MENDOCINO	3.7	7	10. YOLO	2.9	13
ALL OTHERS	33.0		ALL OTHERS	20.0	
TOTAL	100.0		TOTAL	100.0	

*See annual deer report for deer statistics
5/78

TABLE 4

DISTRIBUTION OF MAJOR GAME SPECIES BY ADMINISTRATIVE REGION*
1976-77
(Percentage of State Bag)

	<u>Pheasants</u>		<u>Quail</u>		<u>Doves</u>		<u>Jackrabbits</u>		<u>Cottontail</u>		<u>Ducks</u>	
	<u>1976</u>	<u>1977</u>	<u>1976</u>	<u>1977</u>	<u>1976</u>	<u>1977</u>	<u>1976</u>	<u>1977</u>	<u>1976</u>	<u>1977</u>	<u>1976</u>	<u>1977</u>
Region 1	7	7	15	15	5	8	10	12	5	7	9	14
Region 2	54	54	14	14	16	18	18	18	5	4	45	43
Region 3	5	4	17	16	9	9	13	10	13	13	8	10
Region 4	23	24	21	22	36	37	32	30	23	26	29	22
Region 5	<u>11</u>	<u>11</u>	<u>33</u>	<u>33</u>	<u>34</u>	<u>28</u>	<u>27</u>	<u>30</u>	<u>54</u>	<u>50</u>	<u>9</u>	<u>11</u>
TOTALS	100	100	100	100	100	100	100	100	100	100	100	100

*See annual deer report for deer statistics.

TABLE 5

DISTRIBUTION OF HUNTER EFFORT BY GAME SPECIES - 1977

Species	NUMBER OF TOTAL INDIVIDUAL HUNTERS			PERCENT OF TOTAL INDIVIDUAL HUNTERS		
	Successful Hunters	Unsuccessful Hunters	Total Hunters	Successful Hunters	Unsuccessful Hunters	Total Hunters
Deer	79,000	258,400	337,400	15	51	66
Doves	187,600	16,000	203,600	37	3	40
Pheasants	118,100	54,000	172,000	23	11	34
Ducks	116,900	29,400	146,300	23	6	29
Quail	123,000	28,200	151,200	24	6	30
Jackrabbits	75,100	8,200	83,400	14	2	17
Cottontail/ Brush Rabbits	64,500	9,200	73,700	12	2	14
Geese	43,600	17,300	60,900	9	3	12
Tree Squirrels	54,400	9,500	63,900	11	2	13
Band-tailed Pigeons	19,900	4,600	24,500	4	1	5
Coots	18,200	800	19,100	4	<0.5	4
Wild Pigs	13,300	18,900	32,100	2	4	6
Bear	1,000	25,900	26,900	<0.5	5	5
Chuckar Partridges	9,100	8,400	17,500	2	1	3
Jacksnipe	7,500	1,200	8,700	1	<0.5	2
Wild Turkeys	1,800	7,900	9,800	<0.5	2	2
Sierra/Ruffed Grouse	4,100	1,800	5,900	1	<0.5	1
Sage Grouse	2,500	1,400	3,900	<0.5	<0.5	1

Total Individual Hunters - 512,500

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
1968	10	22	68
1969	10	21	69
1970	11	22	67
1971	13	23	64
1972	12	23	65
1973	10	25	65
1974	10	22	68
1975	12	23	65
1976	11	25	64
1977	11	25	64

TABLE 7-A

WHERE METROPOLITAN AREA PHEASANT HUNTERS BAGGED THEIR PHEASANTS - 1977

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

(STATEWIDE BAG 490,600)

PERCENTAGE OF STATE BAG	(13%) BAY AREA	(7%) CHICO AREA	(3%) FRESNO AREA	(<1%) EUREKA AREA	(3%) BKSFLD. AREA	(10%) L.A. AREA	(9%) SACTO. AREA	(3%) S.DIEGO AREA	(4%) STOCKTON AREA	(4%) SAN JOSE AREA	(2%) REDDING AREA
	ALAMEDA S.F. CON.COSTA COUNTIES	BUTTE COUNTY	FRESNO COUNTY	HUM- BOLDT COUNTY	KERN COUNTY	L.A. ORGE. COUN.	SACRA- MENTO COUNTY	SAN DIEGO COUNTY	SAN JOAQUIN COUNTY	SANTA CLARA COUNTY	SHASTA COUNTY
ALAMEDA	2	-	-	-	-	-	-	-	-	1	-
AMADOR	1	-	-	-	-	-	1	-	-	-	-
BUTTE	3	79	-	6	-	1	3	-	1	6	4
CALAVERAS	-	-	-	-	-	-	-	-	-	1	-
COLUSA	16	8	-	-	1	1	6	-	1	7	4
CONTRA COSTA	10	-	-	-	-	1	-	2	-	1	-
EL DORADO	1	-	-	-	-	-	1	-	-	-	-
FRESNO	1	-	80	-	6	11	-	-	-	8	-
GLENN	5	6	-	6	-	1	4	-	-	2	16
HUMBOLDT	1	-	-	-	-	-	-	-	-	-	-
IMPERIAL	-	-	-	-	-	18	-	78	-	-	-
INYO	-	-	-	-	6	2	-	-	-	-	-
KERN	1	-	1	3	40	12	-	4	-	1	-
KINGS	-	-	2	-	10	3	-	-	-	-	-
LAKE	1	-	-	-	-	-	-	-	-	-	-
LASSEN	-	-	-	-	-	-	-	-	-	1	3
LOS ANGELES	-	-	-	-	3	2	-	-	-	-	-
MADERA	1	-	4	-	-	1	-	-	-	-	-
MERCED	5	-	2	6	2	3	1	-	1	20	-
MODOC	1	-	-	-	-	1	-	-	1	1	3
ORANGE	-	-	-	-	-	4	-	3	-	-	-
PLACER	-	-	-	-	-	-	2	-	-	1	-
RIVERSIDE	-	-	-	-	-	11	-	3	-	-	-
SACRAMENTO	7	-	-	-	-	3	35	2	5	7	-
SAN BENITO	1	-	-	-	-	-	-	-	-	-	-
SAN BERNARDINO	-	-	-	-	-	10	-	4	-	-	-
SAN DIEGO	-	-	-	-	-	1	-	4	-	-	-
SAN JOAQUIN	8	1	-	3	1	1	2	-	86	7	2
SAN LUIS OBISPO	-	-	-	-	1	1	-	-	-	-	-
SAN MATEO	1	-	-	-	-	-	-	-	-	1	-
SANTA CLARA	1	-	-	-	-	-	-	-	-	6	-
SHASTA	1	-	-	15	-	-	-	-	-	3	34
SISKIYOU	1	-	-	18	4	1	1	1	-	3	9
SOLANO	16	1	-	-	3	-	1	-	2	7	-
SONOMA	1	-	-	-	-	-	-	-	-	-	-
STANISLAUS	2	-	1	-	2	1	1	-	4	7	1
SUTTER	8	3	-	6	-	1	17	-	-	7	4
TEHAMA	1	2	-	-	-	-	1	-	-	-	12
TULARE	-	-	10	-	19	5	-	-	1	2	-
VENTURA	-	-	-	-	-	-	-	-	-	-	-
YOLO	7	-	-	-	1	-	22	-	1	4	-
YUBA	2	1	-	37	-	1	2	-	-	2	6
ALL OTHERS	3	1	1	-	2	7	1	-	1	1	2
TOTAL	100	100	100	100	100	100	100	100	100	100	100

WHERE METROPOLITAN AREA QUAIL HUNTERS BAGGED THEIR QUAIL - 1977
EXPRESSED IN PERCENT OF BAG BY METROPOLITAN AREA HUNTERS IN THE COUNTIES THEY HUNTED
(STATEWIDE BAG 1,607,900)

PERCENTAGE OF STATE BAG	(4%) BAY AREA	(2%) CHICO AREA	(5%) FRESNO AREA	(3%) EUREKA AREA	(6%) BKSFLD. AREA	(17%) L.A. AREA	(2%) SACTO. AREA	(7%) S.DIEGO AREA	(2%) STOCKTON AREA	(2%) SAN JOSE AREA	(5%) REDDING AREA
	ALAMEDA S.F. CON.COSTA COUNTIES	BUTTE COUNTY	FRESNO COUNTY	HUM- BOLDT COUNTY	KERN COUNTY	L.A. ORGE. COUN.	SACRA- MENTO COUNTY	SAN DIEGO COUNTY	SAN JOAQUIN COUNTY	SANTA CLARA COUNTY	SHASTA COUNTY
ALAMEDA	6	-	-	-	-	-	-	-	-	-	-
ALPINE	1	-	-	-	-	-	-	-	1	-	-
AMADOR	1	-	-	-	-	-	1	-	2	-	-
BUTTE	1	81	-	-	-	1	3	-	1	3	1
CALAVERAS	2	-	-	-	-	-	5	1	17	1	-
COLUSA	1	-	-	-	-	-	1	-	-	-	-
CONTRA COSTA	7	-	-	-	-	-	-	-	-	-	-
EL DORADO	1	-	-	-	-	1	24	-	1	5	-
FRESNO	4	-	77	-	1	2	-	1	-	1	-
GLENN	-	3	-	-	-	-	1	-	-	-	-
HUMBOLDT	1	-	-	75	2	1	-	-	2	-	-
IMPERIAL	-	1	-	1	-	10	-	11	-	-	-
INYO	-	-	-	-	2	2	-	-	-	-	-
KERN	1	-	2	-	75	12	-	1	-	-	-
KINGS	-	-	1	-	-	1	-	-	-	-	-
LAKE	7	-	-	-	-	-	1	-	-	3	-
LASSEN	4	1	-	-	-	-	-	-	-	-	6
LOS ANGELES	1	-	-	-	2	15	-	-	-	-	1
MADERA	1	-	13	-	-	1	2	-	-	2	-
MARIN	3	-	-	-	-	-	-	-	-	-	-
MARIPOSA	1	-	1	-	-	1	1	-	-	1	-
MENDOCINO	12	-	-	3	-	1	1	-	-	3	1
MERCED	1	-	-	-	-	1	-	-	1	1	-
MODOC	1	-	-	-	-	1	-	-	2	1	1
MONO	-	-	-	-	1	1	-	-	-	-	-
MONTEREY	3	1	-	-	1	1	2	-	1	19	-
NAPA	2	-	-	-	-	-	-	-	-	-	-
NEVADA	1	-	-	-	-	-	6	-	-	1	-
ORANGE	-	-	-	-	-	7	-	1	-	-	-
PLACER	1	-	-	-	-	-	21	-	-	-	-
PLUMAS	-	2	-	-	-	1	-	-	1	1	-
RIVERSIDE	-	-	-	-	-	23	-	6	-	-	-
SACRAMENTO	1	-	-	-	-	-	8	-	5	1	-
SAN BENITO	1	-	1	-	-	-	-	-	-	21	-
SAN BERNARDINO	1	-	-	-	1	13	-	2	-	-	-
SAN DIEGO	-	-	-	-	-	3	-	81	-	-	-
SAN JOAQUIN	2	2	-	-	-	-	1	-	61	1	-
SAN LUIS OBISPO	-	-	-	-	2	2	-	1	-	7	-
SAN MATEO	10	-	-	-	-	-	-	-	-	2	-
SANTA BARBARA	-	-	-	-	2	2	-	-	-	-	-
SANTA CLARA	-	-	-	-	-	-	-	-	-	21	-
SANTA CRUZ	1	-	-	-	-	-	-	-	-	-	-
SHASTA	1	-	-	-	-	1	1	-	-	1	70
SISKIYOU	2	-	-	-	-	1	1	-	2	1	5
SONOMA	3	-	-	-	-	1	-	-	-	2	-
STANISLAUS	1	-	-	-	-	-	-	-	1	2	-
SUTTER	1	-	-	-	-	-	5	-	-	-	-
TEHAMA	2	9	-	-	-	1	2	1	-	1	10
TRINITY	2	-	-	19	-	1	1	-	-	-	4
TULARE	1	-	5	1	11	1	-	-	-	-	-
TUOLUMNE	2	-	-	-	-	-	1	-	4	3	-
VENTURA	-	-	-	-	2	5	-	-	-	-	-
YOLO	13	1	-	-	-	-	9	-	-	-	-
YUBA	-	1	-	-	-	-	3	-	-	1	-
ALL OTHERS	3	1	1	2	1	1	4	1	1	1	1
TOTAL	100	100	100	100	100	100	100	100	100	100	100

TABLE 7-C

WHERE METROPOLITAN AREA DOVE HUNTERS BAGGED THEIR DOVES - 1977
 EXPRESSED IN PERCENT OF BAG BY METROPOLITAN AREA HUNTERS IN THE COUNTIES THEY HUNTED
 (STATEWIDE BAG 3,543,500)

PERCENTAGE OF STATE BAG	(7%) BAY AREA	(3%) CHICO AREA	(8%) FRESNO AREA	(1) EUREKA AREA	(8%) BKSFLD. AREA	(15%) L.A. AREA	(3%) SACTO. AREA	(6%) S.DIEGO AREA	(3%) STOCKTON AREA	(2%) SAN JOSE AREA	(2%) REDDING AREA
	ALAMEDA S.F. CON.COSTA COUNTIES	BUTTE COUNTY	FRESNO COUNTY	HUM- BOLDT COUNTY	KERN COUNTY	L.A. ORGE. COUN.	SACRA- MENTO COUNTY	SAN DIEGO COUNTY	SAN JOAQUIN COUNTY	SANTA CLARA COUNTY	SHASTA COUNTY
ALAMEDA	5	-	-	-	-	-	-	-	-	1	-
AMADOR	1	-	-	-	-	-	3	-	1	-	-
BUTTE	2	84	-	1	-	1	3	1	1	1	-
CALAVERAS	2	-	-	-	-	-	-	-	1	-	-
COLUSA	5	-	-	-	-	1	4	-	1	1	-
CONTRA COSTA	15	-	-	-	-	-	-	-	-	2	-
EL DORADO	1	-	-	-	-	-	2	-	-	3	-
FRESNO	8	-	85	-	1	3	1	-	-	13	-
GLENN	1	4	-	-	-	-	1	-	-	2	1
HUMBOLDT	1	-	-	34	-	1	-	-	-	-	-
IMPERIAL	1	-	-	-	-	31	-	56	-	-	-
INYO	-	-	-	-	1	1	-	-	-	-	-
KERN	2	-	1	-	83	10	1	1	-	2	-
KINGS	1	-	2	-	1	2	1	-	-	1	-
LAKE	3	-	-	-	-	-	2	-	-	1	-
LASSEN	1	1	-	-	-	-	1	-	-	1	2
LOS ANGELES	-	-	-	-	1	8	-	-	-	-	1
MADERA	4	-	5	-	1	1	-	-	-	2	-
MARIN	-	-	-	-	-	-	-	-	-	-	-
MENDOCINO	1	-	-	7	-	-	-	-	1	1	1
MERCED	12	-	1	6	1	1	1	-	1	12	-
MODOC	-	-	-	22	-	1	-	-	1	-	-
MONTEREY	1	-	-	-	1	1	-	-	-	8	-
NAPA	1	-	-	-	-	-	-	-	-	-	-
ORANGE	-	-	-	-	-	4	-	-	-	-	-
PLACER	1	-	-	-	-	-	7	-	-	1	-
RIVERSIDE	-	-	-	-	-	23	2	2	-	-	-
SACRAMENTO	1	-	-	-	-	-	30	1	2	2	-
SAN BENITO	1	-	-	-	-	-	-	-	-	4	-
SAN BERNARDINO	-	-	-	-	1	8	-	-	-	-	-
SAN DIEGO	-	-	-	-	-	2	-	38	-	-	-
SAN JOAQUIN	4	-	-	-	-	1	8	-	90	1	-
SAN LUIS OBISPO	-	-	-	-	1	1	-	-	-	-	-
SAN MATEO	3	-	-	-	-	-	-	-	-	1	-
SANTA CLARA	1	-	-	-	-	-	-	-	-	23	-
SANTA CRUZ	1	-	-	-	-	-	-	-	-	1	-
SHASTA	1	1	1	-	-	1	-	-	-	1	77
SISKIYOU	1	-	-	-	1	1	-	-	-	-	3
SOLANO	1	-	-	-	-	-	1	-	-	-	-
SONOMA	1	-	-	-	-	-	-	-	-	1	-
STANISLAUS	6	-	-	-	-	1	1	-	1	4	-
SUTTER	2	1	-	-	-	1	9	-	-	-	-
TEHAMA	3	4	-	27	-	1	3	-	-	4	15
TRINITY	1	-	-	3	1	1	-	-	-	-	-
TULARE	2	-	4	-	8	3	-	1	1	4	-
YOLO	6	2	-	-	-	-	18	-	1	4	-
YUBA	1	-	-	-	-	1	1	-	-	1	-
ALL OTHERS	5	4	2	-	4	4	2	2	2	3	2
TOTAL	100	100	100	100	100	100	100	100	100	100	100

TABLE 7-D

WHERE METROPOLITAN AREA DUCK HUNTERS BAGGED THEIR DUCKS - 1977

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

(STATEWIDE BAG 2,074,400)

PERCENTAGE OF STATE BAG	(19%) BAY AREA	(5%) CHICO AREA	(2%) FRESNO AREA	(3%) EUREKA AREA	(1%) BKSFLD. AREA	(8%) L.A. AREA	(6%) SACTO. AREA	(2%) S.DIEGO AREA	(3%) STOCKTON AREA	(8%) SAN JOSE AREA	(2%) REDDING AREA
	ALAMEDA S.F. CON.COSTA COUNTIES	BUTTE COUNTY	FRESNO COUNTY	HUM- BOLDT COUNTY	KERN COUNTY	L.A. ORGE. COUN.	SACRA- MENTO COUNTY	SAN DIEGO COUNTY	SAN JOAQUIN COUNTY	SANTA CLARA COUNTY	SHASTA COUNTY
ALAMEDA	4	-	-	-	-	-	-	-	-	1	2
BUTTE	6	82	1	1	1	1	9	-	1	1	1
CALAVERAS	1	-	-	-	-	-	1	-	-	1	-
COLUSA	20	3	2	-	1	1	18	2	1	7	6
CONTRA COSTA	12	-	-	-	-	-	1	-	-	1	-
DEL NORTE	-	-	-	1	-	-	-	-	-	-	-
EL DORADO	-	-	-	-	-	-	1	-	-	-	-
FRESNO	1	-	55	-	4	6	2	1	1	2	-
GLENN	6	8	1	-	-	1	-	-	1	2	5
HUMBOLDT	-	-	-	71	-	1	-	-	-	1	-
IMPERIAL	-	-	-	1	5	41	-	65	-	-	-
INYO	-	-	-	-	4	2	-	-	-	-	-
KERN	-	-	-	-	68	15	-	1	-	-	-
KINGS	-	-	-	-	1	1	-	-	-	-	-
LASSEN	1	2	-	3	-	-	1	-	-	1	8
LOS ANGELES	-	-	-	-	-	7	-	-	-	-	-
MADERA	1	-	3	-	-	1	-	-	-	1	-
MERCED	10	1	36	1	-	2	1	1	20	54	-
MODOC	1	-	-	7	1	1	1	-	1	1	5
MONO	-	-	-	-	1	-	-	-	-	-	-
PLUMAS	1	-	-	-	-	-	-	-	-	-	-
RIVERSIDE	-	-	-	-	-	11	-	-	-	-	-
SACRAMENTO	4	-	1	2	1	1	12	-	9	3	-
SAN BENITO	1	-	-	-	-	-	-	-	-	1	-
SAN BERNARDINO	-	-	-	-	-	4	-	1	-	-	-
SAN DIEGO	-	-	-	-	-	1	-	21	-	-	-
SAN JOAQUIN	2	-	-	-	1	1	1	-	61	1	-
SAN MATEO	2	-	-	-	-	-	-	-	-	1	-
SANTA CLARA	1	-	-	-	-	-	-	-	-	14	-
SHASTA	1	-	-	-	-	-	1	-	-	1	34
SISKIYOU	2	1	1	7	1	1	1	4	-	2	22
SOLANO	18	-	-	-	1	1	2	-	1	3	-
STANISLAUS	1	-	-	-	4	-	-	-	1	1	-
SUTTER	2	1	-	2	-	1	24	3	-	1	1
TEHAMA	1	1	-	-	-	-	1	-	-	-	16
TRINITY	-	-	-	1	-	-	-	-	-	-	1
TULARE	-	-	1	-	7	1	-	-	-	-	-
VENTURA	-	-	-	-	-	1	-	1	-	-	-
YOLO	3	-	-	1	-	-	16	-	1	2	-
YUBA	2	1	-	2	-	-	5	-	1	-	-
ALL OTHERS	4	1	1	2	1	5	10	2	6	5	2
TOTAL	100	100	100	100	100	100	100	100	100	100	100

TABLE 7-1

WHERE METROPOLITAN AREA DEER HUNTERS BAGGED THEIR DEER - 1977
 EXPRESSED IN PERCENT OF BAG BY METROPOLITAN AREA HUNTERS IN THE COUNTIES THEY HUNTED
 (STATEWIDE BAG 90,700)

PERCENTAGE OF STATE BAG	(13%) BAY AREA	(4%) CHICO AREA	(2%) FRESNO AREA	(6%) EUREKA AREA	(2%) BKSFLD. AREA	(5%) L.A. AREA	(5%) SACTO. AREA	(1%) S.DIEGO AREA	(2%) STOCKTON AREA	(5%) SAN JOSE AREA	(5%) REDDING AREA
	ALAMEDA S.F. CON.COSTA COUNTIES	BUTTE COUNTY	FRESNO COUNTY	HUM- BOLDT COUNTY	KERN COUNTY	L.A. ORGE. COUN.	SACRA- MENTO COUNTY	SAN DIEGO COUNTY	SAN JOAQUIN COUNTY	SANTA CLARA COUNTY	SHASTA COUNTY
ALAMEDA	8	-	-	-	-	-	-	-	-	-	-
ALPINE	2	-	-	-	-	2	5	-	29	3	-
AMADOR	-	-	-	-	-	-	1	-	6	1	-
BUTTE	-	33	-	-	-	1	2	-	-	1	-
CALAVERAS	3	-	-	-	-	-	3	-	15	1	-
COLUSA	1	1	-	-	-	1	-	-	2	-	-
CONTRA COSTA	5	-	-	-	-	-	-	-	-	-	-
EL DORADO	1	-	-	-	-	2	19	-	4	3	-
FRESNO	-	-	40	-	4	2	-	-	-	1	-
GLENN	-	1	-	-	-	1	3	-	-	-	1
HUMBOLDT	3	-	-	62	4	-	1	-	4	-	-
INYO	-	-	-	-	-	3	-	6	-	-	-
KERN	-	-	2	-	56	10	-	-	2	-	-
LAKE	4	1	-	-	-	-	2	-	-	3	-
LASSEN	3	10	2	-	-	2	5	-	2	2	13
LOS ANGELES	-	-	-	-	-	8	-	-	-	-	-
MADERA	-	-	19	-	-	2	-	-	2	-	-
MARIPOSA	1	-	2	-	-	-	-	-	-	3	-
MENDOCINO	17	5	-	3	-	2	6	3	4	8	2
MODOC	2	1	4	2	-	-	5	-	-	5	5
MONO	2	-	-	-	4	15	1	3	-	3	-
MONTEREY	1	-	2	-	10	3	1	-	-	4	-
NAPA	1	-	-	-	-	-	-	-	-	-	-
NEVADA	1	-	-	-	-	-	7	3	-	-	-
ORANGE	-	-	-	-	-	7	-	-	-	-	-
PLACER	1	-	-	-	-	1	8	-	-	-	-
PLUMAS	4	9	2	1	-	1	7	-	2	2	1
RIVERSIDE	-	-	-	-	-	1	-	3	-	-	-
SACRAMENTO	-	-	-	-	-	-	1	-	2	-	-
SAN BENITO	1	-	9	1	-	3	-	-	-	3	-
SAN BERNARDINO	-	-	2	-	-	3	-	-	-	-	-
SAN DIEGO	-	-	-	-	-	2	-	70	-	-	-
SAN JOAQUIN	-	-	-	-	-	-	-	-	-	-	-
SAN LUIS OBISPO	-	-	4	-	6	6	-	-	-	-	-
SAN MATEO	1	-	-	-	-	-	-	-	-	-	-
SANTA BARBARA	-	-	-	-	6	4	-	-	-	-	-
SANTA CLARA	2	1	2	-	-	-	-	-	2	39	-
SHASTA	2	-	-	1	-	-	1	3	2	-	36
SIERRA	2	-	-	-	-	-	5	-	-	2	-
SISKIYOU	6	6	-	2	-	2	2	-	2	3	15
SONOMA	5	1	-	-	-	-	-	-	-	1	-
STANISLAUS	1	-	-	-	-	-	1	-	5	2	-
TEHAMA	9	26	-	1	-	-	7	-	2	3	8
TRINITY	5	2	-	26	-	2	2	-	2	3	17
TULARE	-	1	4	-	10	7	-	9	-	-	-
TUOLUMNE	3	-	4	-	-	1	-	-	7	3	-
VENTURA	-	-	-	-	-	4	-	-	-	-	-
YOLO	-	1	-	-	-	-	-	-	-	-	-
YUBA	-	-	-	-	-	-	2	-	-	-	-
ALL OTHERS	3	1	2	1	-	2	3	-	4	1	2
TOTAL	100	100	100	100	100	100	100	100	100	100	100

Pheasants				Quail		Dove	
		Bag	Hunters	Bag	Hunters	Bag	Hunters
1	Alameda	1,599	738	4,141	697	13,899	1,353
2	Alpine			1,353	123		
3	Amador	820	369	9,881	902	17,835	1,148
4	Butte	39,319	10,537	34,645	4,715	120,212	6,355
5	Calaveras	205	123	23,821	2,050	10,742	697
6	Colusa	36,080	10,660	2,665	1,025	52,726	3,321
7	Contra Costa	6,806	2,706	4,223	820	37,310	2,870
8	Del Norte			2,255	369	164	41
9	El Dorado	656	123	21,402	2,665	15,334	1,148
10	Fresno	24,313	12,997	77,490	7,503	302,047	15,129
11	Glenn	16,277	6,027	7,708	984	44,936	2,911
12	Humboldt	123	205	38,581	3,813	2,337	287
13	Imperial	27,675	14,186	55,063	7,175	366,499	23,616
14	Inyo	4,018	2,583	19,680	2,214	26,158	2,091
15	Kern	13,981	7,052	109,675	12,382	316,151	17,507
16	Kings	7,175	4,018	3,116	533	62,115	4,305
17	Lake	574	246	32,021	2,952	36,080	2,214
18	Lassen	2,501	1,312	17,671	2,583	32,513	2,214
19	Los Angeles	1,394	451	43,870	6,560	44,649	4,182
20	Madera	5,781	3,690	29,807	2,993	78,679	4,346
21	Marin	738	328	6,437	533	4,141	451
22	Mariposa	-	41	15,621	2,337	7,175	697
23	Mendocino	287	205	50,799	4,838	12,505	1,353
24	Merced	24,805	10,496	9,594	1,722	127,920	8,077
25	Modoc	5,412	2,337	14,022	1,312	17,958	1,230
26	Mono	410	205	1,230	287	10,824	697
27	Monterey	2,091	697	51,619	4,920	52,398	4,059
28	Napa	1,394	328	8,938	943	20,254	1,435
29	Nevada	205	82	15,949	2,255	3,977	656
30	Orange	2,583	410	19,803	1,189	21,771	1,066
31	Placer	4,346	1,927	21,320	2,337	25,010	2,706
32	Plumas	123	41	11,111	1,599	5,945	574
33	Riverside	8,159	2,911	126,444	11,070	268,140	14,227
34	Sacramento	28,577	11,193	5,371	984	43,173	4,223
35	San Benito	328	410	16,892	1,312	8,528	861
36	San Bernardino	7,298	1,763	81,508	9,184	89,708	6,519
37	San Diego	615	410	102,090	8,487	94,054	5,371
38	San Francisco	-	41				
39	San Joaquin	29,151	10,906	21,648	2,296	109,429	7,298
40	San Luis Obispo	410	164	41,779	3,772	48,749	2,911
41	San Mateo	492	123	7,134	451	8,651	451
42	Santa Barbara	82	123	46,740	3,690	26,937	2,132
43	Santa Clara	1,230	779	8,241	1,107	22,550	1,517
44	Santa Cruz	205	164	5,945	861	9,266	779
45	Shasta	5,043	1,599	68,634	6,396	65,518	4,510
46	Sierra			1,476	328	287	82
47	Siskiyou	13,694	4,469	25,584	3,116	25,543	1,968
48	Solano	26,322	7,544	3,075	369	32,021	2,583
49	Sonoma	2,870	1,312	22,017	2,378	32,390	2,214
50	Stanislaus	19,188	7,995	17,548	2,460	97,785	6,027
51	Sutter	38,212	10,906	8,856	1,599	52,480	3,649
52	Tehama	6,068	2,706	39,647	3,936	115,825	5,535
53	Trinity	-	41	30,504	3,034	4,428	369
54	Tulare	20,910	9,758	58,835	5,453	274,003	11,357
55	Tuolumne			22,878	2,747	3,198	533
56	Ventura	-	41	33,620	3,198	35,260	2,050
57	Yolo	28,864	9,225	18,204	1,517	77,162	5,371
58	Yuba	13,161	4,469	11,767	1,271	30,094	2,378
	Unknown	8,077	8,938	15,908	5,904	78,105	7,831
	Total	490,647	193,110	1,607,856	174,250	3,543,548	221,482

		Bag	Hunters	Bag	Hunters	Bag	Hunters
1	Alameda						
2	Alpine			-	41	410	205
3	Amador	820	82			41	41
4	Butte						
5	Calaveras						
6	Colusa	164	41				
7	Contra Costa						
8	Del Norte					328	123
9	El Dorado	123	41	82	41	-	82
10	Fresno	1,763	492	123	41	533	164
11	Glenn	164	41			246	82
12	Humboldt	164	82	164	41	902	574
13	Imperial	492	164				
14	Inyo	4,141	1,763	82	41	-	41
15	Kern	16,646	4,961	41	82		
16	Kings	246	82				
17	Lake	82	41				
18	Lassen	7,421	2,460	1,804	1,722	533	246
19	Los Angeles	451	451				
20	Madera	82	41			123	82
21	Marin						
22	Mariposa	-	41				
23	Mendocino					533	369
24	Merced	82	205				
25	Modoc	1,927	533	410	533	861	492
26	Mono	451	287	861	1,066	123	287
27	Monterey	533	123				
28	Napa						
29	Nevada					246	205
30	Orange	451	82				
31	Placer	246	82			-	82
32	Plumas	123	82	82	41	902	492
33	Riverside	697	328				
34	Sacramento	-	41				
35	San Benito	1,681	492				
36	San Bernardino	8,979	3,403				
37	San Diego						
38	San Francisco						
39	San Joaquin	82	41				
40	San Luis Obispo	-	82				
41	San Mateo	82	41				
42	Santa Barbara	-	41				
43	Santa Clara						
44	Santa Cruz						
45	Shasta	82	123			246	82
46	Sierra	-	41			451	369
47	Siskiyou	-	41			1,435	820
48	Solano	41	41				
49	Sonoma	-	41				
50	Stanislaus	451	82	164	41		
51	Sutter	82	82				
52	Tehama	-	41			41	82
53	Trinity	-	41			492	615
54	Tulare	410	369			246	205
55	Tuolumne	-	41			-	82
56	Ventura	-	41				
57	Yolo	-	41				
58	Yuba						
	Unknown	2,132	1,066	164	205	410	369
	Total	51,291	18,737	3,977	3,895	9,102	6,191

Pigeons

Jackrabbits

Cottontail-Brush Rabbit

3

		Bag	Hunters	Bag	Hunters	Bag	Hunters
1	Alameda	410	82	3,772	697	2,214	410
2	Alpine			410	41	328	41
3	Amador	492	205	246	123	574	164
4	Butte	6,724	1,025	7,093	1,640	287	246
5	Calaveras	533	164	2,460	328	697	246
6	Colusa			3,198	861	123	123
7	Contra Costa	328	205	2,214	738	984	164
8	Del Norte	1,025	123			369	123
9	El Dorado	4,182	615	3,772	410	2,911	779
10	Fresno	943	697	31,037	4,223	22,304	3,608
11	Glenn	41	82	7,667	1,025	615	123
12	Humboldt	3,772	492	3,813	1,025	1,599	451
13	Imperial	820	82	14,965	2,173	17,835	3,444
14	Inyo			30,914	1,845	15,580	1,845
15	Kern	12,095	2,255	86,797	8,979	53,874	8,897
16	Kings	615	123	5,740	1,025	2,747	820
17	Lake	697	164	8,241	1,558	1,025	574
18	Lassen	246	82	23,821	2,255	19,311	2,706
19	Los Angeles	1,927	574	23,370	2,993	18,696	3,485
20	Madera	410	41	13,489	1,148	5,576	1,271
21	Marin	1,230	41	902	410		
22	Mariposa	-	41	984	164	3,772	451
23	Mendocino	6,027	779	11,398	1,681	1,230	533
24	Merced	902	123	30,422	2,993	14,227	2,583
25	Modoc			13,858	1,066	6,929	1,394
26	Mono			5,412	697	4,797	984
27	Monterey	22,591	2,870	16,851	2,050	28,167	3,198
28	Napa	574	82	4,674	779		
29	Nevada	328	205	1,845	492	533	164
30	Orange	164	82	2,296	615	7,134	1,025
31	Placer	328	287	6,396	902	246	205
32	Plumas	410	287	779	205	861	205
33	Riverside	2,132	574	35,793	5,904	54,243	8,036
34	Sacramento	205	123	10,988	2,419	3,690	738
35	San Benito	2,009	164	3,157	533	6,642	1,025
36	San Bernardino	3,485	574	52,111	6,806	54,530	7,708
37	San Diego	8,241	1,558	24,231	4,018	47,929	6,027
38	San Francisco						
39	San Joaquin	1,107	123	28,864	3,321	4,182	820
40	San Luis Obispo	11,890	1,886	7,790	1,066	12,136	1,394
41	San Mateo			-	41	5,576	410
42	Santa Barbara	11,070	779	16,031	943	11,808	1,148
43	Santa Clara	3,198	533	1,394	574	1,968	492
44	Santa Cruz	10,660	1,107	82	41	902	410
45	Shasta	10,455	1,517	7,790	1,312	615	451
46	Sierra	1,066	164	984	164	369	164
47	Siskiyou	4,879	779	20,213	1,353	4,305	1,189
48	Solano	164	41	12,669	1,886	574	205
49	Sonoma	3,690	410	8,610	1,763	164	164
50	Stanislaus	246	123	19,352	2,665	9,102	1,353
51	Sutter			12,095	1,927	1,681	533
52	Tehama	1,230	369	10,496	1,640	615	123
53	Trinity	8,159	861	656	328	492	205
54	Tulare	2,460	492	21,402	3,034	13,489	2,583
55	Tuolumne	41	123	369	164	1,722	287
56	Ventura	2,460	615	7,544	1,230	13,120	1,968
57	Yolo	123	41	17,794	2,296	1,927	492
58	Yuba	1,271	246	6,068	1,025	1,763	369
	Unknown	2,870	738	15,170	3,936	9,266	3,362
	Total	160,925	25,748	710,489	95,530	498,355	81,918

Squirrel

Turkey

		Bag	Hunters	Bag	Hunters		
1	Alameda	656	246				
2	Alpine	1,230	492	41	41		
3	Amador	6,929	1,107				
4	Butte	24,313	4,633	41	410		
5	Calaveras	19,680	1,845	205	123		
6	Colusa	328	287	41	41		
7	Contra Costa	123	123				
8	Del Norte	492	82				
9	El Dorado	16,892	3,157	123	451		
10	Fresno	10,578	3,444	-	205		
11	Glenn	3,731	738	-	41		
12	Humboldt	8,118	1,640	-	41		
13	Imperial						
14	Inyo	246	205	-	41		
15	Kern	23,452	4,551	-	82		
16	Kings						
17	Lake	15,375	2,214	-	41		
18	Lassen	2,706	1,107	82	164		
19	Los Angeles	4,100	82				
20	Madera	7,790	1,640	-	41		
21	Marin	287	123				
22	Mariposa	10,168	1,927	-	41		
23	Mendocino	12,054	2,747	41	410		
24	Merced	1,435	287				
25	Modoc	1,025	328				
26	Mono						
27	Monterey	3,977	1,025	41	164		
28	Napa	1,968	492				
29	Nevada	3,895	1,148	287	1,025		
30	Orange						
31	Placer	10,660	2,255	-	574		
32	Plumas	7,380	1,804	-	82		
33	Riverside	82	41				
34	Sacramento	246	123				
35	San Benito	82	41	-	123		
36	San Bernardino	574	205				
37	San Diego	205	123				
38	San Francisco						
39	San Joaquin	2,747	369	41	41		
40	San Luis Obispo	615	246	205	861		
41	San Mateo						
42	Santa Barbara						
43	Santa Clara	1,640	328	-	123		
44	Santa Cruz	1,025	123	-	41		
45	Shasta	32,103	5,289	615	2,009		
46	Sierra	2,583	492				
47	Siskiyou	11,644	2,091	-	41		
48	Solano	574	287				
49	Sonoma	2,296	820	-	41		
50	Stanislaus	2,583	656	41	41		
51	Sutter	1,394	287				
52	Tehama	18,163	3,772	164	820		
53	Trinity	11,890	3,116	41	164		
54	Tulare	22,304	4,387	-	205		
55	Tuolumne	21,361	4,018	-	123		
56	Ventura	246	82	41	41		
57	Yolo	287	82	-	82		
58	Yuba	4,264	1,271	205	615		
	Unknown	8,036	2,870	41	861		
	Total	346,532	70,848	2,296	10,250		

Jacksnipe

Coots

		Bag	Hunters	Bag	Hunters
1	Alameda	164	82	1,148	82
2	Alpine				
3	Amador	1,312	41	492	41
4	Butte	7,011	902	12,300	1,353
5	Calaveras			1,025	41
6	Colusa	2,296	369	17,548	1,558
7	Contra Costa	-	41	2,091	369
8	Del Norte	656	123	4,838	287
9	El Dorado	82	41	984	82
10	Fresno	1,681	369	12,587	779
11	Glenn	1,230	164	8,118	779
12	Humboldt	8,036	779	12,833	697
13	Imperial	943	287	6,970	1,353
14	Inyo	164	41	12,095	205
15	Kern	1,968	287	9,020	1,025
16	Kings			656	82
17	Lake	1,230	123	1,722	164
18	Lassen	492	41	1,394	246
19	Los Angeles			615	123
20	Madera			2,296	164
21	Marin	287	123	1,025	164
22	Mariposa			246	41
23	Mendocino	2,993	205	-	41
24	Merced	6,806	820	29,274	1,763
25	Modoc	779	82	164	123
26	Mono	205	41	902	164
27	Monterey			3,977	328
28	Napa	82	41		
29	Nevada				
30	Orange			3,157	82
31	Placer	287	41	328	41
32	Plumas	410	41	11,480	205
33	Riverside	1,271	123	1,312	328
34	Sacramento	4,797	328	6,560	574
35	San Benito			82	41
36	San Bernardino	82	41	1,353	205
37	San Diego	41	41	3,403	410
38	San Francisco				
39	San Joaquin	1,394	246	29,725	574
40	San Luis Obispo			5,002	123
41	San Mateo				
42	Santa Barbara	164	41		
43	Santa Clara	820	82	2,952	164
44	Santa Cruz			123	41
45	Shasta	1,271	164	10,742	533
46	Sierra				
47	Siskiyou	3,116	287	4,141	328
48	Solano	3,403	492	8,282	820
49	Sonoma	1,517	123	738	205
50	Stanislaus	2,337	246	4,059	574
51	Sutter	3,403	451	12,464	902
52	Tehama	1,517	82	451	164
53	Trinity			6,232	123
54	Tulare	1,066	123	1,558	205
55	Tuolumne				
56	Ventura	1,394	123	3,526	205
57	Yolo	656	164	7,216	492
58	Yuba	1,394	287	7,995	574
	Unknown	3,321	615	3,116	328
	Total	72,078	9,143	280,317	20,295

Ducks

Geese

		Bag	Hunters	Bag	Hunters
1	Alameda	17,548	1,435	164	82
2	Alpine				
3	Amador	3,157	328	697	328
4	Butte	144,976	11,972	18,409	4,674
5	Calaveras	1,886	246	205	123
6	Colusa	209,961	17,548	40,385	9,512
7	Contra Costa	51,045	2,583	574	574
8	Del Norte	11,849	943		
9	El Dorado	820	246	82	123
10	Fresno	58,015	7,749	1,189	984
11	Glenn	61,049	5,453	17,630	3,239
12	Humboldt	49,528	3,157	2,788	902
13	Imperial	116,481	12,874	12,095	6,929
14	Inyo	9,266	1,353	2,173	574
15	Kern	51,209	5,166	902	943
16	Kings	4,018	697	410	164
17	Lake	9,635	1,025	369	123
18	Lassen	38,827	3,608	8,323	2,583
19	Los Angeles	12,177	1,107	205	287
20	Madera	4,715	533	123	123
21	Marin	12,095	1,025	41	41
22	Mariposa	-	82		
23	Mendocino	6,765	738	82	82
24	Merced	306,803	17,999	17,425	5,330
25	Modoc	41,000	4,674	17,343	4,592
26	Mono	3,116	738	287	410
27	Monterey	11,070	1,148	246	123
28	Napa	11,562	1,066	1,394	205
29	Nevada	2,214	328	164	164
30	Orange	6,191	369	82	82
31	Placer	12,505	1,107	1,681	574
32	Plumas	10,660	1,271	1,927	820
33	Riverside	30,299	4,346	1,189	1,394
34	Sacramento	56,949	5,781	4,633	2,337
35	San Benito	1,763	287	-	41
36	San Bernardino	14,883	1,804	287	574
37	San Diego	12,915	1,353	984	287
38	San Francisco	1,558	82		
39	San Joaquin	57,687	4,879	5,945	2,173
40	San Luis Obispo	9,758	1,189	287	205
41	San Mateo	8,897	697	-	41
42	Santa Barbara	1,435	246	41	41
43	Santa Clara	26,199	1,353	123	82
44	Santa Cruz	369	123	-	41
45	Shasta	20,705	2,952	2,378	1,476
46	Sierra	902	246	41	82
47	Siskiyou	99,097	7,790	29,151	6,683
48	Solano	124,271	10,250	1,804	1,476
49	Sonoma	19,803	1,722	82	82
50	Stanislaus	17,343	2,296	1,025	533
51	Sutter	71,053	8,487	6,396	2,870
52	Tehama	21,730	1,435	2,624	533
53	Trinity	3,239	328	205	82
54	Tulare	6,232	1,025	328	369
55	Tuolumne	861	123	410	82
56	Ventura	20,541	1,189	369	123
57	Yolo	55,350	4,961	6,314	2,132
58	Yuba	57,728	3,526	2,747	1,517
	Unknown	52,726	111,111	1,722	492
	Total	2,074,436	188,149	216,480	70,438

			Bag	Hunters	Bag	Hunters	Bag	Hunters
1	Alameda		738	1,681			41	123
2	Alpine		1,886	10,332	-	656		
3	Amador		574	4,141	-	205		
4	Butte		1,804	10,578	-	820	-	82
5	Calaveras		1,476	6,806	-	574		
6	Colusa		492	1,722			-	82
7	Contra Costa		451	943				
8	Del Norte		287	1,148	-	287	-	82
9	El Dorado		2,050	13,571	123	984		
10	Fresno		2,132	12,546	41	1,517	1,435	1,681
11	Glenn		779	3,485	41	369		
12	Humboldt		4,305	9,020	41	697	1,353	779
13	Imperial		-	902			-	41
14	Inyo		615	6,970	-	451		
15	Kern		1,968	14,760	-	1,968	41	369
16	Kings		-	369	-	82	82	369
17	Lake		2,091	7,954	41	369	287	738
18	Lassen		3,485	14,596	-	246	-	164
19	Los Angeles		451	7,585	-	328	123	82
20	Madera		1,312	6,273	-	615		
21	Marin		820	1,353				
22	Mariposa		1,107	5,002	-	574		
23	Mendocino		8,323	20,336	-	779	5,822	3,567
24	Merced		205	902	-	82	287	492
25	Modoc		2,665	11,234	41	287		
26	Mono		1,845	10,988	-	328	-	41
27	Monterey		3,526	8,159	-	82	5,986	7,954
28	Napa		1,066	2,747			-	41
29	Nevada		1,148	8,077	-	574		
30	Orange		328	1,394				
31	Placer		1,271	8,651	164	984		
32	Plumas		2,952	16,482	-	1,066	-	82
33	Riverside		205	3,444	-	123		
34	Sacramento		82	328			-	41
35	San Benito		1,968	3,444			5,002	3,403
36	San Bernardino		656	5,043	-	738	123	123
37	San Diego		1,107	7,298				
38	San Francisco							
39	San Joaquin		-	246				
40	San Luis Obispo		2,583	6,888			738	1,476
41	San Mateo		82	779				
42	Santa Barbara		1,845	5,248	-	123	1,886	1,517
43	Santa Clara		2,419	3,690			1,845	1,517
44	Santa Cruz		205	574			82	41
45	Shasta		2,501	14,760	164	1,886	82	246
46	Sierra		984	6,970	-	451		
47	Siskiyou		5,699	15,539	-	1,312		
48	Solano		123	820				
49	Sonoma		1,763	4,961			4,141	2,747
50	Stanislaus		533	2,788	-	205	41	164
51	Sutter		123	492				
52	Tehama		5,084	14,842	-	820	1,107	2,829
53	Trinity		5,330	13,817	369	1,271	779	328
54	Tulare		1,271	10,988	205	2,214	164	246
55	Tuolumne		1,927	11,562	-	1,189		
56	Ventura		574	4,264	-	369	41	164
57	Yolo		369	1,476	-	123		
58	Yuba		410	2,788	-	205		
	Unknown		656	58,753	-	5,043	492	3,403
	Total		90,651	432,509	1,230	30,996	31,980	35,014

Coyote

Bobcat

			Bag	Hunters	Bag	Hunters		
	1	Alameda	492	246	-	41		
	2	Alpine	41	82	41	82		
	3	Amador	902	492	-	82		
	4	Butte	615	492	246	164		
	5	Calaveras	1,804	697	123	205		
	6	Colusa	246	123	-	41		
	7	Contra Costa	164	41				
	8	Del Norte	246	82				
	9	El Dorado	1,599	902	246	328		
	10	Fresno	2,296	1,394	410	369		
	11	Glenn	1,640	205				
	12	Humboldt	1,025	697	1,107	123		
	13	Imperial	1,722	738	246	205		
	14	Inyo	1,353	492	533	164		
	15	Kern	3,731	2,009	1,517	861		
	16	Kings	246	410				
	17	Lake	902	574	1,025	287		
	18	Lassen	2,870	1,394	205	205		
	19	Los Angeles	3,977	1,640	861	369		
	20	Madera	779	410	287	205		
	21	Marin			82	82		
	22	Mariposa	656	369	287	164		
	23	Mendocino	1,189	779	697	410		
	24	Merced	369	451	-	41		
	25	Modoc	4,387	1,722	123	205		
	26	Mono	779	369	82	41		
	27	Monterey	451	410	205	369		
	28	Napa	287	205	123	82		
	29	Nevada	656	410	-	164		
	30	Orange	1,066	410	41	82		
	31	Placer	533	369	328	123		
	32	Plumas	451	738	615	82		
	33	Riverside	2,419	1,722	861	492		
	34	Sacramento	1,681	246				
	35	San Benito	246	164	123	123		
	36	San Bernardino	3,321	1,722	492	492		
	37	San Diego	3,813	2,132	1,640	943		
	38	San Francisco						
	39	San Joaquin	328	410	-	41		
	40	San Luis Obispo	164	205	779	328		
	41	San Mateo	-	41	-	41		
	42	Santa Barbara	3,731	984	1,558	492		
	43	Santa Clara	205	205	41	41		
	44	Santa Cruz	-	41	41	82		
	45	Shasta	3,280	1,599	369	287		
	46	Sierra	492	246	41	41		
	47	Siskiyou	1,107	902	41	246		
	48	Solano	82	41	-	41		
	49	Sonoma	492	369	41	123		
	50	Stanislaus	1,107	697	-	82		
	51	Sutter	205	123				
	52	Tehama	3,403	1,025	123	82		
	53	Trinity	615	615	82	164		
	54	Tulare	533	697	328	492		
	55	Tuolumne	1,640	492	123	205		
	56	Ventura	1,066	779	82	328		
	57	Yolo	287	369	41	205		
	58	Yuba	533	451	205	164		
		Unknown	287	2,255	123	697		
		Total	68,511	37,884	16,564	11,808		