

California Department of Fish and Game  
722 Capitol Avenue  
Sacramento 14, California

June, 1958

TO: Chief, Game Management Branch

FR: Game Management Branch Staff Members:  
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SJ: Report of 1957 Game Take Hunter Questionnaire

The 1957 hunting license sales are estimated at 648,000. This represents a decrease of 3 percent from the 1956 record sales of 668,164.

As in the past a 2 percent random sample of the licensed buyers were mailed questionnaires. The questionnaire is the same as has been in use since 1954 when a new improved form was devised.

Response has averaged 46.2 percent the past four years; the 1957 return being 46.1 percent.

As usual a number of respondents reported that they did not hunt and a number hunted unsuccessfully. The following table gives these data from 1954 expressed in percent:

	<u>1954</u>	<u>1955</u>	<u>1956</u>	<u>1957</u>
Did not hunt	7.7	10.0	11.3	12.0
Hunted unsuccessfully	<u>25.6</u>	<u>22.9</u>	<u>21.9</u>	<u>21.6</u>
Totals	33.3	32.9	33.2	33.6

By tallying the species that respondents indicated that they hunted, an indication of the popularity of the various species of game was derived. Results are as follows:

<u>Species</u>	<u>Percent of Respondents Indicating Hunting Effort</u>
1. Deer	58
2. Pheasants	41
3. Ducks	35
4. Doves	33
5. Quail	31
6. Jackrabbits	15
7. Cottontail/brush rabbits	14
8. Band-tailed pigeons	6
9. Tree squirrels	5
10. Bear	4

The following tables are included in this report:

1. Summary of Statewide Game Bag - 1957
2. Ten Leading Counties in Bag of Quail, Pheasants, Doves, Pigeons, Ducks, Geese, Cottontail/Brush Rabbits and Jackrabbits
3. Where Bay Area Hunters Bag Their Game
4. Where Los Angeles Area Hunters Bag Their Game
5. Where San Diego Area Hunters Bag Their Game
6. Where Bakersfield Area Hunters Bag Their Game
7. Where Fresno Area Hunters Bag Their Game
8. Where Sacramento Area Hunters Bag Their Game
9. Where Chico Area Hunters Bag Their Game
10. Where Stockton Area Hunters Bag Their Game
11. Mailing and Return by County of Residence - 1957 Hunter Questionnaire

QUAIL - 1957 Bag - 1,648,800

An increase of 43 percent in the bag was reported for the past season. This follows three years in which each season a smaller bag was reported than in the previous year. Increases were noted for most of the major quail producing counties as well as many of the counties which were formerly less productive for quail hunters.

An average of 3.2 days were spent quail hunting. This was a slight increase from the 2.6 average in 1956.

PHEASANTS - 1957 Bag - 775,500

The bag reported for the 1957 season shows a slight increase over the 1956 totals. In the Sacramento Valley, increases were reported in Butte, Yuba, and Yolo Counties; the balance of the valley reported less birds in the bag. Merced County was the lone major pheasant producing county in the northern San Joaquin Valley in which the bag decreased.

Male pheasants comprised 81.3 percent of the take and hens 18.7 percent; this compares with the 1956 ratio of 82.5 percent males and 17.5 percent females.

Pheasant hunters reported spending an average of 3.2 days in the field.

DOVES - 1957 Bag - 3,233,900

A substantial gain of 15.1 percent in the dove bag was reported for 1957. With a few exceptions, the areas which have traditionally produced good dove harvests showed higher returns in 1957 than were reported for 1956.

An increase of hunting effort was reported for 1957. Average days hunted were 3.2 compared with 2.8 in 1956.

BAND-TAILED PIGEONS - 1957 Bag - 255,000

An excellent pigeon season was experienced in 1957 (164.1% increase in bag). The band-tailed pigeon being dependent upon the availability of

a highly selective food crop, makes for an unstable distribution from year to year. Ideal conditions in 1957 enabled larger numbers of band-tails to return to preferred areas which had been highly productive for pigeon hunters in former years.

The average number of days reported for band-tailed pigeon hunting, 2.6 days.

DUCKS - 1957 Bag - 4,025,000

An excellent duck kill was reported for the 95-day straight season (October 12, 1957 to January 14, 1958) (14.1% over 1956). The sale of duck stamps showed a 17 percent increase over the 1956 sale, indicating an increased hunting pressure. Apparently, the long season, a larger number of available birds and increased hunting pressure, all contributed to the successful season.

The reported bag on private and commercial duck clubs represented approximately 52 percent of all ducks bagged in 1957.

The State-operated Waterfowl Management Areas reflected the general trend and exceeded the record for total kill on these areas which was established in 1956.

COOTS - 1957 Bag - 488,700

The 1957 reported kill is approximately 25 percent higher than reported in 1956.

JACKRABBITS - 1957 Bag - 874,000

A decrease of almost 4 percent below the 1956 kill was reported for 1957. Apparently, a cyclic depletion of available jackrabbits was the main factor, since hunting effort increased from an average of 4.5 days in 1956 to 6.9 days in 1957, with approximately the same number of jackrabbit hunters reporting.

RABBITS (Cottontail and Brush) - 1957 Bag - 412,900

An increase of 16 percent was reported in the 1957 rabbit bag over the 1956 report of kill. Approximately 22 percent more respondents reported participating in cottontail hunting than in 1956.

Rabbit hunters reported spending an average of 3.6 days in the field.

TREE SQUIRRELS - 1957 Bag - 79,600

An increased bag (90.9%) was reported over the 1956 return. Numerous reports were received for counties which have no open season and these could be ground squirrels reported in error.

DEER - 1957 Bag - 127,600 (Tag count 65,214)

The 1957 season regulations brought a return to the bucks only season after our general either sex season.

The reported deer kill exceeded the tag count by 62,386, a difference of 95.7 percent. This continues the trend of former years when the figure reported in the questionnaire has been approximately double the tag count.

Some 28,500 or about 9 percent of all deer hunters hunted with bow and arrow. Of the archery deer hunters, 32 percent were members of organized archery groups.

BEARS - 1957 Bag - 3,600 (Tag count 920)

A true comparison between 1956 and 1957 tag and questionnaire figures is not feasible since bear tags were not required by law until September 11, 1957 and the first bear season of the year had opened on August 3, 1957.

An estimated 19,200 bear tags were sold in 1957.

TABLE 1  
SUMMARY OF STATEWIDE GAME BAG 1957

<u>Species</u>	<u>1957</u>	<u>1956</u>	<u>% Change</u>
Quail	1,648,800	1,153,400	+ 43.0
Pheasants (Cocks)	630,500	613,800	+ 2.7
Pheasants (Hens)	145,000	130,600	+ 11.0
Pheasants (Total)	775,500	740,400	+ 4.7
Chukar Partridge	7,400	3,800	+ 94.7
Sage Hens	3,700	2,200	+ 68.2
Sierra and Ruffed Grouse	1,900	600	+216.7
Doves	3,233,900	2,808,600	+ 15.1
Pigeons	255,000	96,500	+164.2
Ducks	4,025,000	3,526,300	+ 14.1
Geese	366,900	343,200	+ 6.9
Jack Snipes	43,600	44,300	- 1.6
Coots	488,800	389,900	+ 25.4
Deer (Bucks)            Tag Count	65,214	70,371	- 7.3
Deer (Antlerless)	No Season	38,081	
Bears	3,600	3,800	- 5.3
Wild Boar	800	500	+ 60.0
Jack Rabbits	874,200	908,000	- 3.7
Cottontail or Brush Rabbits	412,900	356,000	+ 16.0
Tree Squirrels	79,600	41,700	+ 90.9

TABLE 2  
 GAME BAG - 1957  
 (TEN LEADING COUNTIES)

	BAG	% OF STATE TOTAL	POSITION 1956		BAG	% OF STATE TOTAL	POSITION 1956
<b>QUAIL</b>				<b>DOVES</b>			
1. RIVERSIDE	115,400	7.0	2	1. IMPERIAL	394,000	12.2	1
2. KERN	109,500	6.6	1	2. RIVERSIDE	259,700	8.0	4
3. FRESNO	107,400	6.5	3	3. TULARE	246,900	7.6	3
4. LOS ANGELES	73,500	4.5	15	4. FRESNO	212,700	6.6	2
5. IMPERIAL	72,000	4.4	5	5. KERN	171,000	5.3	5
6. TULARE	66,900	4.1	4	6. SAN DIEGO	126,000	3.9	8
7. MONTEREY	59,800	3.6	9	7. STANISLAUS	105,400	3.3	7
8. SAN DIEGO	59,300	3.6	6	8. SAN JOAQUIN	91,200	2.9	10
9. SHASTA	52,700	3.2	27	9. MERCED	88,500	2.7	6
10. EL DORADO	52,000	3.1	18	10. LOS ANGELES	88,300	2.7	14
ALL OTHERS	880,300	53.4		ALL OTHERS	1,450,200	44.8	
TOTAL	1,648,800	100.0		TOTAL	3,233,900	100.0	
<b>PHEASANTS (Cocks)</b>				<b>PIGEONS</b>			
1. YOLO	62,900	9.9	2	1. RIVERSIDE	49,300	19.3	15
2. SUTTER	56,700	9.0	3	2. MONTEREY	48,700	19.1	1
3. COLUSA	53,700	8.5	1	3. SAN LUIS OBISPO	43,400	17.0	12
4. SACRAMENTO	45,900	7.3	4	4. SAN BERNARDINO	19,100	7.5	-
5. BUTTE	45,200	7.2	5	5. NAPA	14,500	5.7	20
6. FRESNO	37,300	5.9	6	6. NEVADA	10,100	4.0	21
7. SAN JOAQUIN	32,300	5.2	9	7. HUMBOLDT	7,400	2.9	9
8. MERCED	31,000	4.9	7	8. PLACER	5,400	2.1	19
9. STANISLAUS	31,000	4.9	10	9. SHASTA	4,500	1.8	24
10. GLENN	30,200	4.8	8	10. SONOMA	4,400	1.7	8
ALL OTHERS	204,300	32.4		ALL OTHERS	48,200	18.9	
TOTAL	630,500	100.0		TOTAL	255,000	100.0	
<b>PHEASANTS (HENS)</b>				<b>DUCKS</b>			
1. COLUSA	11,400	7.9	1	1. MERCED	652,300	16.2	1
2. FRESNO	11,200	7.7	5	2. SOLANO	450,500	11.2	2
3. YOLO	9,400	6.5	2	3. COLUSA	323,500	8.0	3
4. SUTTER	9,100	6.3	3	4. SISKIYOU	170,000	4.2	6
5. SACRAMENTO	9,000	6.2	4	5. KERN	158,300	3.9	5
6. SAN JOAQUIN	7,900	5.4	9	6. IMPERIAL	158,100	3.9	7
7. BUTTE	7,400	5.1	6	7. YOLO	151,000	3.8	10
8. STANISLAUS	6,900	4.8	10	8. YUBA	136,900	3.4	17
9. SAN BERNARDINO	6,000	4.1	12	9. BUTTE	128,000	3.2	8
10. GLENN	5,000	3.4	7	10. SUTTER	124,200	3.1	4
ALL OTHERS	61,700	42.6		ALL OTHERS	1,572,200	39.1	
TOTAL	145,000	100.0		TOTAL	4,025,000	100.0	
<b>PHEASANTS (TOTAL)</b>				<b>GEESE</b>			
1. YOLO	72,300	9.3	2	1. COLUSA	63,300	17.3	2
2. SUTTER	65,800	8.5	3	2. SISKIYOU	50,300	13.7	1
3. COLUSA	65,100	8.4	1	3. MODOC	37,000	10.1	3
4. SACRAMENTO	54,900	7.1	4	4. GLENN	32,500	8.9	7
5. BUTTE	52,600	6.8	5	5. MERCED	30,200	8.2	4
6. FRESNO	48,500	6.3	6	6. BUTTE	26,800	7.3	5
7. SAN JOAQUIN	40,200	5.2	9	7. SUTTER	16,800	4.6	6
8. STANISLAUS	37,900	4.9	10	8. YOLO	16,500	4.5	9
9. MERCED	35,600	4.6	7	9. YUBA	11,700	3.2	18
10. GLENN	35,200	4.5	8	10. LASSEN	8,700	2.3	8
ALL OTHERS	267,400	34.4		ALL OTHERS	73,100	19.9	
TOTAL	775,500	100.0		TOTAL	366,900	100.0	

TABLE 2 (Continued)

	<u>TOTAL BAG</u>	<u>% OF STATE TOTAL</u>	<u>POSITION 1956</u>		<u>TOTAL BAG</u>	<u>% OF STATE TOTAL</u>	<u>POSITION 1956</u>
<u>RABBITS (COTTONTAIL &amp; BRUSH)</u>				<u>JACK RABBITS</u>			
1. RIVERSIDE	75,100	18.2	1	1. KERN	104,400	11.9	1
2. SAN DIEGO	53,700	13.0	2	2. FRESNO	76,600	8.8	7
3. KERN	32,700	7.9	5	3. SAN JOAQUIN	69,400	7.9	5
4. LOS ANGELES	30,500	7.4	4	4. RIVERSIDE	56,800	6.5	12
5. VENTURA	30,200	7.3	6	5. LOS ANGELES	52,600	6.0	3
6. IMPERIAL	18,400	4.5	7	6. MADERA	47,700	5.5	25
7. SAN BERNARDINO	16,500	4.0	3	7. MERCED	41,400	4.7	6
8. MONTEREY	13,600	3.3	8	8. VENTURA	37,900	4.3	19
9. ORANGE	13,200	3.2	9	9. TULARE	35,800	4.1	22
10. SISKIYOU	7,700	1.9	14	10. SAN BERNARDINO	30,400	3.5	2
ALL OTHERS	121,300	29.3		ALL OTHERS	321,200	36.8	
TOTAL	412,900	100.0		TOTAL	874,200	100.0	

TABLE 3

WHERE BAY AREA (S.F., ALAMEDA, CONTRA COSTA COUNTIES) HUNTERS  
BAG THEIR GAME. EXPRESSED IN PERCENT. 1957 SEASON

<u>County</u>	<u>Deer (Bucks)</u>	<u>Pheasants</u>	<u>Ducks</u>	<u>Doves</u>	<u>Quail</u>
Alameda	7	4	6	11	22
Alpine	3				
Butte		5	3	4	
Calaveras	2				
Colusa		18	15	8	3
Contra Costa	2	13	11	23	19
Eldorado					5
Fresno				6	4
Glenn		7	4		
Humboldt	3				
Lake	9			3	4
Lassen	6				
Marin	2		2		
Mendocino	9				5
Merced		4	8	5	5
Modoc	15				
Mono	2				
Monterey					3
Napa	6		2		
Nevada	2				
Plumas	4				
Sacramento		7			
San Joaquin		4		5	
Shasta	2		2		3
Sierra	2				
Siskiyou	2		2		
Solano		6	25	5	
Sonoma	6				7
Stanislaus		5	2	10	10
Sutter		7	3		
Tehama	4			5	
Trinity	2				
Tulare					2
Tuolumne	2				
Yolo		11	9	2	2
Yuba		5			
All Others	<u>8</u>	<u>4</u>	<u>6</u>	<u>13</u>	<u>6</u>
Total	100	100	100	100	100



TABLE 4  
 WHERE LOS ANGELES AREA (L.A., ORANGE COUNTIES) HUNTERS  
 BAG THEIR GAME. EXPRESSED IN PERCENT. 1957 SEASON

<u>County</u>	<u>Deer (Bucks)</u>	<u>Pheasants</u>	<u>Ducks</u>	<u>Doves</u>	<u>Quail</u>
Butte		7			
Colusa		4	2		
Fresno	6	8	3		2
Glenn		5			
Imperial		3	18	30	10
Inyo	6				2
Kern	6	3	20	5	11
Lake					
Lassen		2	2		
Los Angeles	12	3	9	15	28
Madera	2				
Merced		4	6		
Modoc	2	2	3		
Mono	20		2		
Orange		10	11	7	3
Riverside	3	15	4	28	28
Sacramento		2			
San Bernardino	3	11	2	3	4
San Diego			2	3	2
San Joaquin					
San Luis Obispo	3			3	
Santa Barbara	7				2
Siskiyou	3	5	7		
Solano			2		
Stanislaus		2			
Tehama	2	2			
Tulare	4			2	
Ventura	5	2		2	4
Yuba		4			
All Others	<u>16</u>	<u>6</u>	<u>7</u>	<u>2</u>	<u>4</u>
Total	100	100	100	100	100

TABLE 5  
 WHERE SAN DIEGO AREA (SAN DIEGO COUNTY) HUNTERS BAG THEIR GAME  
 EXPRESSED IN PERCENT. 1957 SEASON

<u>County</u>	<u>Deer (Bucks)</u>	<u>Pheasants</u>	<u>Ducks</u>	<u>Doves</u>	<u>Quail</u>
Imperial		16	31	34	17
Lassen	5				
Mono	10				
Riverside	5		2		
San Bernardino			2		2
San Diego	80	70	63	64	79
Siskiyou			2		
Yolo		14			
All others				2	2
TOTALS	<u>100</u>	<u>100</u>	<u>100</u>	<u>100</u>	<u>100</u>

TABLE 6  
 WHERE BAKERSFIELD AREA (KERN COUNTY) HUNTERS BAG THEIR GAME  
 EXPRESSED IN PERCENT. 1957 SEASON

<u>County</u>	<u>Deer (Bucks)</u>	<u>Pheasants</u>	<u>Ducks</u>	<u>Doves</u>	<u>Quail</u>
Butte		5			
Colusa		7	2		
Fresno		9			
Inyo	8	2			
Kern	46	38	88	69	73
Kings		7			
Los Angeles					3
Madera		2			
Modoc	4	8			
Mono	4		2		
Monterey	4				2
Sacramento		9			
San Luis Obispo	4			3	2
Siskiyou		8			
Tehama	8				
Tulare	17	5		22	13
All others	5		8	6	7
TOTALS	<u>100</u>	<u>100</u>	<u>100</u>	<u>100</u>	<u>100</u>

TABLE 7  
 WHERE FRESNO AREA (FRESNO COUNTY) HUNTERS BAG THEIR GAME.  
 EXPRESSED IN PERCENT. 1957 SEASON

<u>County</u>	<u>Deer (Bucks)</u>	<u>Pheasants</u>	<u>Ducks</u>	<u>Doves</u>	<u>Quail</u>
Fresno	57	75	42	75	78
Kern	3		2		
Kings		3	3	6	
Lake	2				
Lassen	8				
Madera	15	12	11	6	18
Mendocino	2				
Merced		3	36		
Modoc	2				
Monterey	5				
Sacramento		3			
San Benito	3				
Tulare	3			11	
All Others		4	6	2	4
Total	100	100	100	100	100

TABLE 8  
 WHERE SACRAMENTO AREA (SACRAMENTO COUNTY) HUNTERS BAG  
 THEIR GAME. EXPRESSED IN PERCENT. 1957 SEASON

<u>County</u>	<u>Deer (Bucks)</u>	<u>Pheasants</u>	<u>Ducks</u>	<u>Doves</u>	<u>Quail</u>
Alpine	9				
Amador				3	8
Butte		5	7	10	5
Calaveras	2				
Colusa	2		6		
Eldorado	16				19
Fresno					2
Lake	2				
Lassen	2				
Mendocino	7		2		
Modoc	9				3
Mono	2				
Nevada	5				7
Placer	12	4		12	25
Plumas	2				
Sacramento	2	34	35	53	17
Shasta	2				
Sierra	5				
Siskiyou	7				
Solano		3	8	3	
Sutter		22	19		
Tehama	7			3	4
Trinity	5				
Yolo		22	10	11	2
All Others	2	10	13	5	8
Total	100	100	100	100	100

TABLE 9  
 WHERE CHICO AREA (BUTTE COUNTY) HUNTERS BAG THEIR GAME.  
 EXPRESSED IN PERCENT. 1957 SEASON

<u>County</u>	<u>Deer (Bucks)</u>	<u>Pheasants</u>	<u>Ducks</u>	<u>Doves</u>	<u>Quail</u>
Butte	30	93	83	87	96
Colusa			2		
Glenn	11	6	5	13	4
Lassen	15				
Plumas	7				
Santa Clara	4				
Sutter			8		
Tehama	33				
All Others		1	2		
Total	<u>100</u>	<u>100</u>	<u>100</u>	<u>100</u>	<u>100</u>

TABLE 10  
 WHERE STOCKTON AREA (SAN JOAQUIN COUNTY) HUNTERS BAG  
 THEIR GAME. EXPRESSED IN PERCENT. 1957 SEASON

<u>County</u>	<u>Deer (Bucks)</u>	<u>Pheasants</u>	<u>Ducks</u>	<u>Doves</u>	<u>Quail</u>
Alpine	5				
Calaveras	21				30
Colusa		3			
Eldorado					6
Fresno			7		
Lake	21			3	
Lassen	11				
Mariposa				6	15
Mendocino	5				
Merced			3		
Modoc	11				
Mono	5				
Sacramento		6	7	4	4
San Joaquin		86	76	79	44
Siskiyou	5				
Solano			2	3	
Sonoma	5				
Stanislaus				5	
Sutter		4			
Tehama	5				
Tuolumne	5				
All Others	1	1	5		1
Total	<u>100</u>	<u>100</u>	<u>100</u>	<u>100</u>	<u>100</u>

TABLE 11  
MAILING AND RETURN BY COUNTY OF RESIDENCE - 1957 HUNTER QUESTIONNAIRE

County	Questionnaires Mailed	Percent of Total Mailed	No. Returned	Percent Returned
Alameda	641	5.7	308	48.0
Alpine	1	Trace	1	100.0
Amador	18	0.1	10	55.6
Butte	244	2.1	105	43.0
Calaveras	17	0.1	8	47.1
Colusa	30	0.3	6	20.0
Contra Costa	407	3.6	199	48.9
Del Norte	37	0.3	11	29.7
Eldorado	53	0.5	30	56.6
Fresno	500	4.4	224	44.8
Glenn	62	0.5	24	38.7
Humboldt	276	2.5	125	45.3
Imperial	94	0.8	42	44.7
Inyo	53	0.5	26	49.1
Kern	412	3.7	174	42.2
Kings	76	0.7	34	44.7
Lake	44	0.4	15	34.1
Lassen	58	0.5	20	34.5
Los Angeles	2,064	18.4	991	48.0
Madera	76	0.7	40	52.6
Marin	123	1.1	50	40.7
Mariposa	19	0.1	8	42.1
Mendocino	148	1.3	59	39.9
Merced	168	1.5	61	36.3
Modoc	25	0.2	11	44.0
Mono	18	0.1	14	77.8
Monterey	181	1.6	90	49.7
Napa	90	0.8	43	47.8
Nevada	56	0.6	32	48.5
Orange	213	1.9	107	50.2
Placer	113	1.0	55	48.7
Plumas	35	0.3	19	54.3
Riverside	175	1.6	68	38.9
Sacramento	590	5.2	286	48.5
San Benito	33	0.3	12	36.4
San Bernardino	255	2.3	131	51.4
San Diego	405	3.6	179	44.2
San Francisco	320	2.8	134	41.9
San Joaquin	286	2.5	143	50.0
San Luis Obispo	119	1.1	58	48.7
San Mateo	285	2.5	138	48.4
Santa Barbara	100	0.9	49	49.0
Santa Clara	367	3.3	165	45.0
Santa Cruz	86	0.8	40	46.5
Shasta	197	1.8	99	50.3
Sierra	5	Trace	2	40.0
Siskiyou	149	1.3	70	47.0
Solano	173	1.5	63	36.4
Sonoma	223	2.0	104	46.6
Stanislaus	254	2.3	109	42.9
Sutter	104	0.9	51	49.0
Tehama	97	0.8	46	47.4
Trinity	33	0.3	14	42.4
Tulare	265	2.4	110	41.5
Tuolumne	43	0.4	23	53.5
Ventura	120	1.1	57	47.5
Yolo	143	1.3	70	49.0
Yuba	72	0.6	27	37.5
Out-of-State	14	0.1	10	71.4
<b>TOTAL</b>	<b>11,275</b>	<b>100.0</b>	<b>5,200</b>	<b>46.1</b>

TABLE 3  
1957 HUNTER QUESTIONNAIRE - CALCULATED BAG BY COUNTY

County	Quail	Chukar Partridge
Alameda	14,700	-
Alpine	3,500	-
Amador	12,300	-
Butte	21,100	-
Calaveras	15,700	-
Colusa	8,700	-
Contra Costa	12,800	-
Del Norte	600	-
Eldorado	52,000	-
Fresno	107,400	500
Glenn	7,100	-
Humboldt	35,900	-
Imperial	72,000	-
Inyo	16,000	800
Kern	109,500	3,900
Kings	14,100	-
Lake	24,700	-
Lassen	10,500	-
Los Angeles	73,500	1,000
Madera	50,700	-
Marin	5,200	-
Mariposa	14,700	-
Mendocino	40,400	-
Merced	19,600	-
Modoc	17,700	-
Mono	2,900	-
Monterey	59,800	-
Napa	9,000	-
Nevada	30,500	-
Orange	10,100	-
Placer	37,600	-
Plumas	2,600	-
Riverside	115,400	300
Sacramento	12,500	-
San Benito	26,900	-
San Bernardino	47,900	800
San Diego	59,300	-
San Joaquin	18,400	-
San Luis Obispo	37,900	100
San Mateo	12,000	-
Santa Barbara	34,400	-
Santa Clara	14,800	-
Santa Cruz	12,000	-
Shasta	52,700	-
Sierra	1,100	-
Siskiyou	32,800	-
Solano	6,000	-
Sonoma	35,900	-
Stanislaus	30,000	-
Sutter	1,000	-
Tehama	22,400	-
Trinity	4,500	-
Tulare	66,900	-
Tuolumne	25,300	-
Ventura	32,900	-
Yolo	12,200	-
Yuba	14,300	-
Not Given	6,400	300
TOTAL	<u>1,648,800</u>	<u>7,400</u>

TABLE 4  
1957 HUNTER QUESTIONNAIRE - CALCULATED BAG BY COUNTY

County	Pheasants (Cocks)	Pheasants (Hens)	Pheasants (Total)
Alameda	4,100	1,000	5,100
Alpine	300	None Reported	300
Amador	300	100	400
Butte	45,200	7,400	52,600
Calaveras	None Reported	None Reported	None Reported
Colusa	53,700	11,400	65,100
Contra Costa	15,200	4,400	19,600
Del Norte	None Reported	None Reported	None Reported
Eldorado	None Reported	None Reported	None Reported
Fresno	37,300	11,200	48,500
Glenn	30,200	5,000	35,200
Humboldt	None Reported	None Reported	None Reported
Imperial	4,200	2,900	7,100
Inyo	2,500	1,000	3,500
Kern	3,400	3,400	6,800
Kings	3,700	1,200	4,900
Lake	900	100	1,000
Lassen	6,100	1,400	7,500
Los Angeles	1,200	1,000	2,200
Madera	14,500	2,700	17,200
Marin	None Reported	None Reported	None Reported
Mariposa	None Reported	None Reported	None Reported
Mendocino	None Reported	None Reported	None Reported
Merced	31,000	4,600	35,600
Modoc	12,800	2,500	15,300
Mono	None Reported	100	100
Monterey	2,100	1,700	3,800
Napa	500	100	600
Nevada	None Reported	None Reported	None Reported
Orange	3,700	3,000	6,700
Placer	11,100	2,200	13,300
Plumas	None Reported	None Reported	None Reported
Riverside	12,200	2,000	14,200
Sacramento	45,900	9,000	54,900
San Benito	300	300	600
San Bernardino	7,100	6,000	13,100
San Diego	1,600	2,200	3,800
San Francisco	None Reported	None Reported	None Reported
San Joaquin	32,300	7,900	40,200
San Luis Obispo	None Reported	None Reported	None Reported
San Mateo	500	None Reported	500
Santa Barbara	100	100	200
Santa Clara	1,900	800	2,700
Santa Cruz	300	None Reported	300
Shasta	3,700	1,100	4,800
Sierra	None Reported	None Reported	None Reported
Siskiyou	18,900	2,700	21,600
Solano	16,200	4,600	20,800
Sonoma	8,700	1,700	10,400
Stanislaus	31,000	6,900	37,900
Sutter	56,700	9,100	65,800
Tehama	7,900	2,500	10,400
Trinity	None Reported	None Reported	None Reported
Tulare	3,200	2,200	5,400
Tuolumne	1,500	500	2,000
Ventura	2,400	1,500	3,900
Yolo	62,900	9,400	72,300
Yuba	22,100	4,600	26,700
Not Given	9,100	1,500	10,600
TOTAL	630,500	145,000	775,500

TABLE 5  
1957 HUNTER QUESTIONNAIRE - CALCULATED BAG BY COUNTY

<u>County</u>	<u>Doves</u>	<u>Pigeons</u>
Alameda	27,000	None Reported
Alpine	None Reported	None Reported
Amador	11,100	3,600
Butte	66,400	100
Calaveras	1,300	None Reported
Colusa	36,800	None Reported
Contra Costa	49,800	None Reported
Del Norte	None Reported	3,700
Eldorado	13,600	3,400
Fresno	212,700	None Reported
Glenn	34,100	None Reported
Humboldt	3,200	7,400
Imperial	394,000	2,400
Inyo	17,300	None Reported
Kern	171,000	2,000
Kings	74,600	800
Lake	32,700	None Reported
Lassen	11,000	500
Los Angeles	88,300	500
Madera	58,700	100
Marin	3,900	None Reported
Mariposa	17,000	None Reported
Mendocino	1,900	1,600
Merced	88,500	600
Modoc	8,000	None Reported
Mono	8,100	None Reported
Monterey	70,800	48,700
Napa	23,200	14,500
Nevada	7,500	10,100
Orange	39,500	None Reported
Placer	51,300	5,400
Plumas	7,500	None Reported
Riverside	259,700	49,300
Sacramento	66,500	2,200
San Benito	18,800	1,700
San Bernardino	82,200	19,100
San Diego	126,000	3,500
San Joaquin	91,200	100
San Luis Obispo	72,200	43,400
San Mateo	800	1,500
Santa Barbara	51,600	800
Santa Clara	38,500	900
Santa Cruz	16,100	3,700
Shasta	43,200	4,500
Sierra	1,300	300
Siskiyou	27,900	2,500
Solano	43,700	None Reported
Sonoma	39,800	4,400
Stanislaus	105,400	None Reported
Sutter	28,000	None Reported
Tehama	65,000	None Reported
Trinity	2,100	600
Tulare	246,900	600
Tuolumne	5,900	1,300
Ventura	35,100	2,900
Yolo	77,400	300
Yuba	27,900	1,300
Not Given	30,200	5,000
TOTALS	3,233,900	255,000



TABLE 6  
1957 HUNTER QUESTIONNAIRE - CALCULATED BAG BY COUNTY

County	Ducks	Geese
Alameda	68,200	300
Alpine	500	None Reported
Amador	2,500	500
Butte	128,000	26,800
Calaveras	300	500
Colusa	323,500	63,300
Contra Costa	111,700	2,200
Del Norte	13,100	300
Eldorado	1,500	None Reported
Fresno	91,700	3,000
Glenn	86,500	32,500
Humboldt	53,200	1,500
Imperial	158,100	2,100
Inyo	16,600	100
Kern	158,300	1,100
Kings	26,900	3,200
Lake	11,600	300
Lassen	52,700	8,700
Los Angeles	32,400	-
Madera	45,100	4,400
Marin	39,400	500
Mariposa	600	None Reported
Mendocino	8,800	None Reported
Merced	652,300	30,200
Modoc	70,300	37,000
Mono	19,200	900
Monterey	31,100	300
Napa	37,400	500
Nevada	4,200	2,900
Orange	40,100	None Reported
Placer	13,800	300
Plumas	9,100	400
Riverside	34,100	3,100
Sacramento	103,000	5,900
San Benito	10,300	300
San Bernardino	23,900	500
San Diego	45,500	300
San Joaquin	113,400	4,500
San Luis Obispo	2,500	2,100
San Mateo	37,300	1,400
Santa Barbara	7,000	100
Santa Clara	25,400	None Reported
Santa Cruz	1,500	None Reported
Shasta	41,700	7,400
Sierra	2,000	None Reported
Siskiyou	170,000	50,300
Solano	450,500	8,600
Sonoma	57,100	600
Stanislaus	57,800	3,700
Sutter	124,200	16,800
Tehama	9,600	3,400
Trinity	None Reported	None Reported
Tulare	9,700	None Reported
Tuolumne	100	None Reported
Ventura	13,800	None Reported
Yolo	151,000	16,500
Yuba	136,900	11,700
Not Given	87,900	5,900
TOTAL	4,025,000	366,900

TABLE 7  
1957 HUNTER QUESTIONNAIRE - CALCULATED BAG BY COUNTY

County	Jack Snipes	Coots
Alameda	1,700	9,700
Alpine	None reported	None reported
Amador	None reported	None reported
Butte	None reported	17,400
Calaveras	None reported	None reported
Colusa	3,100	20,900
Contra Costa	300	2,400
Del Norte	900	14,000
El Dorado	None reported	None reported
Fresno	100	4,000
Glenn	2,000	10,600
Humboldt	6,200	8,100
Imperial	300	7,700
Inyo	None reported	300
Kern	2,000	44,900
Kings	None reported	2,900
Lake	100	12,500
Lassen	None reported	2,100
Los Angeles	None reported	2,000
Madera	None reported	10,800
Marin	1,600	1,900
Mariposa	None reported	None reported
Mendocino	None reported	1,000
Merced	4,200	42,100
Modoc	None reported	800
Mono	600	2,500
Monterey	None reported	1,700
Napa	None reported	3,600
Nevada	None reported	None reported
Orange	1,000	100
Placer	1,100	1,200
Plumas	500	5,000
Riverside	None reported	47,400
Sacramento	None reported	36,100
San Benito	None reported	None reported
San Bernardino	None reported	5,000
San Diego	500	8,500
San Francisco	None reported	None reported
San Joaquin	6,000	12,600
San Luis Obispo	300	None reported
San Mateo	None reported	1,000
Santa Barbara	None reported	None reported
Santa Clara	None reported	600
Santa Cruz	None reported	300
Shasta	300	3,000
Sierra	None reported	None reported
Siskiyou	1,600	5,100
Solano	1,200	31,200
Sonoma	1,600	100
Stanislaus	600	10,500
Sutter	400	5,200
Tehama	None reported	300
Trinity	None reported	None reported
Tulare	100	16,600
Tuolumne	None reported	None reported
Ventura	None reported	1,900
Yolo	3,600	46,500
Yuba	1,700	24,800
Not Given	-	1,900
TOTALS	43,600	488,800

TABLE 3  
1957 HUNTER QUESTIONNAIRE - CALCULATED BAG BY COUNTY

<u>County</u>	<u>Jackrabbits</u>	<u>Rabbits (Brush and Cottontail)</u>
Alameda	17,700	5,900
Alpine	None Reported	500
Amador	None Reported	100
Butte	9,400	100
Calaveras	None Reported	6,000
Colusa	14,200	900
Contra Costa	4,200	300
Del Norte	None Reported	None Reported
Eldorado	4,200	1,200
Fresno	76,600	6,400
Glenn	11,200	400
Humboldt	1,100	4,400
Imperial	4,500	18,400
Inyo	3,000	4,500
Kern	104,400	32,700
Kings	22,300	6,200
Lake	13,000	1,200
Lassen	11,100	3,600
Los Angeles	52,600	30,500
Madera	47,700	7,100
Marin	2,500	100
Mariposa	None Reported	900
Mendocino	3,500	600
Merced	41,400	6,400
Modoc	4,400	5,200
Mono	500	2,700
Monterey	5,500	13,600
Napa	14,300	None Reported
Nevada	2,200	800
Orange	7,400	13,200
Placer	3,500	2,300
Plumas	6,600	600
Riverside	56,800	75,100
Sacramento	20,700	2,900
San Benito	100	1,500
San Bernardino	30,400	16,500
San Diego	22,100	53,700
San Joaquin	69,400	1,100
San Luis Obispo	6,600	5,600
San Mateo	None Reported	6,200
Santa Barbara	11,500	3,700
Santa Clara	2,200	6,000
Santa Cruz	1,800	5,200
Shasta	10,700	900
Sierra	None Reported	400
Siskiyou	6,400	7,700
Solano	5,100	None Reported
Sonoma	13,500	2,400
Stanislaus	12,500	4,000
Sutter	8,900	100
Tehama	1,800	None Reported
Trinity	1,300	None Reported
Tulare	35,800	6,600
Tuolumne	7,000	900
Ventura	37,900	30,200
Yolo	12,500	600
Yuba	5,200	1,200
Not Given	5,200	3,900
TOTAL	874,200	412,900