

December 20, 1950

FROM: Frank M. Kozlik
TO: Ben Glading
SUBJECT: Report of the 1949 Game Take Post Card Survey

Following the procedure that was initiated by Henry Hjersman, Dale Jeffries and I have completed the 1949 game kill post card survey. The same procedure that was used in 1948 was again followed for the 1949 survey; namely, that a two per cent random sample of hunting licenses buyers was drawn, and each hunter that was selected was mailed a double post card questionnaire. A total of 8,642 post cards was mailed shortly after January 7, 1950, which was the closing date of waterfowl hunting--the season's last major hunting period. Of the cards mailed out, 3,078 or 35.6 per cent were answered and returned. Table I shows the post card mailing and return for each county. Only twenty additional post cards were returned by the postoffice or were unuseable for other reasons.

The hunting license sale in California for the 1949 season, as of the time this report was compiled, was 478,380. This figure divided by the 3,078 post card answers provided the correction factor that was needed to obtain the total kill figures for each game species. Tables II through XII show the total game kill by county of kill for each game species. In addition to the game kill, information was obtained (see Tables XIII through XX) to determine to what areas hunters travelled from the State's large population centers to bag their deer, pheasants, ducks and geese.

Listed below for comparison are the statewide game kill figures for 1948 and 1949.

	<u>1948</u>	<u>1949</u>
Deer	100,800	94,500
Pheasants	586,100	388,700
Doves	2,572,400	1,886,300
Band-tailed Pigeons	314,800	88,300
Geese	356,000	254,900
Ducks	3,077,000	2,282,800
Tree Squirrels	74,200	21,100
Bear	2,112	2,950
Jackrabbits	875,400	573,900
Cottontail & Brush Rabbits	597,300	357,900
Quail	1,714,391	1,132,800

It will be noted that the game take for 1949 falls below the 1948 kill for all species except bear. A small part (5 per cent) of this general decrease in 1949 could be accounted for by the difference in license sales between the two years. The 1948 game take was based on 504,450 licenses. For most species field reports noted a decrease in the 1949 game kill. These reports especially emphasized the decline in the pheasant kill, which is reflected in this report.

FRANK M. KOZLIK

1949 POST CARD GAME TAKE SURVEY - TABLE I - MAILING AND RETURN BY COUNTY OF 1949 POST CARD QUESTIONNAIRES

	CARDS MAILED	USEABLE CARDS RETURNED TO S.F. OFFICE	% RETURN OF MAILED CARDS	% OF TOTAL CARDS RETURNED		CARDS MAILED	USEABLE CARDS RETURNED TO S.F. OFFICE	% RETURN OF MAILED CARDS	% OF TOTAL CARDS RETURNED
ALAMEDA	595	218	36.6	7.08	PLACER	97	34	35.1	1.11
ALPINE	35	1	2.9	.03	PLUMAS	45	16	35.6	.51
AMADOR	23	6	26.1	.19	RIVERSIDE	144	55	38.2	1.78
BUTTE	175	55	31.4	1.79	SACRAMENTO	391	146	37.3	4.74
CALAVERAS	61	9	14.8	.29	SAN BENITO	31	13	41.9	.42
COLUSA	47	14	29.8	.46	SAN BERNARDINO	156	56	35.9	1.82
CONTRA COSTA	329	128	38.9	4.16	SAN DIEGO	306	122	39.9	3.96
DEL NORTE	38	6	6.8	.19	SAN FRANCISCO	406	129	31.7	4.19
EL DORADO	38	10	26.3	.33	SAN JOAQUIN	252	90	35.7	2.92
FRESNO	318	117	36.8	3.80	SAN LUIS OBISPO	110	47	42.7	1.53
GLENN	66	21	31.8	.68	SAN MATEO	182	69	37.9	2.24
HUMBOLDT	202	68	33.6	2.21	SANTA BARBARA	92	41	44.6	1.33
IMPERIAL	95	22	23.2	.71	SANTA CLARA	151	101	66.9	3.28
INYO	54	17	31.5	.55	SANTA CRUZ	80	35	43.8	1.14
KERN	256	76	29.7	2.47	SHASTA	32	14	43.8	.46
KINGS	62	28	45.2	.91	SIERRA	49	3	61.2	.10
LAKE	50	19	38.0	.62	SISKIYOU	80	31	38.8	1.01
LASSEN	39	18	46.2	.59	SOLANO	152	64	42.1	2.08
LOS ANGELES	1436	537	37.4	17.45	SONOMA	221	75	33.9	2.44
MADERA	52	21	40.4	.68	STANISLAUS	193	78	40.4	2.53
MARIN	99	41	41.4	1.33	SUTTER	78	27	34.6	.88
MARIPOSA	51	5	9.8	.16	TEHAMA	20	10	50.0	.33
MENDOCINO	124	37	29.8	1.20	TRINITY	20	11	55.0	.36
MERCED	111	33	29.7	1.07	TULARE	190	64	33.7	2.08
MODOC	28	7	28.0	.23	TUOLUMNE	24	8	33.3	.26
MONO	50	7	14.0	.23	VENTURA	90	28	31.1	.91
MONTEREY	152	49	32.2	1.59	YOLO	90	31	34.4	1.01
NAPA	97	34	35.1	1.11	YUBA	53	12	22.6	.39
NEVADA	45	10	22.2	.33	NEVADA	14	8	57.1	.26
ORANGE	106	40	37.7	1.30	OREGON	6	5	83.3	.16
					OTHER STATES	3	1	33.3	.03
					TOTALS	8642	3078	35.6	100.00

TABLE VI

1949 GEESE KILL BY COUNTY

1949 POST CARD GAME TAKE SURVEY

	<u>REPORTED TAKE</u>	<u>STATEWIDE TAKE</u>
ALAMEDA	3	500
AMADOR	2	300
BUTTE	33	5,100
CALAVERAS	14	2,200
COLUSA	245	38,100
CONTRA COSTA	26	4,000
DEL NORTE	2	300
FRESNO	30	4,700
GLENN	143	22,200
HUMBOLDT	60	9,300
IMPERIAL	14	2,200
INYO	2	300
KERN	18	2,800
LASSEN	49	7,600
LOS ANGELES	1	200
MADERA	46	7,100
MARIN	18	2,800
MERCED	152	23,600
MODOC	112	17,400
MONO	12	1,900
MONTEREY	3	500
NAPA	1	200
ORANGE	2	300
PLACER	1	200
PLUMAS	5	800
RIVERSIDE	2	300
SACRAMENTO	76	11,800
SAN BENITO	2	300
SAN BERNARDINO	24	3,700
SAN DIEGO	15	2,300
SAN JOAQUIN	55	8,500
SAN LUIS OBISPO	19	3,000
SAN MATEO	1	200
SANTA BARBARA	2	300
SANTA CLARA	5	800
SHASTA	11	1,700
SISKIYOU	143	22,200
SOLANO	65	10,100
SONOMA	4	600
STANISLAUS	45	7,000
SUTTER	65	10,100
TEHAMA	7	1,100
TULARE	5	800
VENTURA	1	200
YOLO	73	11,300
YUBA	13	2,000
UNSPECIFIED	13	2,000
TOTALS	1,640	254,900

TABLE 11

1949 DEER KILL BY COUNTY

1949 POST CARD GAME TAKE SURVEY

	<u>REPORTED TAKE</u>	<u>STATEWIDE TAKE</u>
ALAMEDA	3	500
ALPINE	14	2,200
AMADOR	5	800
BUTTE	7	1,100
CALAVERAS	7	1,100
COLUSA	8	1,200
CONTRA COSTA	1	200
EL DORADO	8	1,200
FRESNO	24	3,700
GLENN	11	1,700
HUMBOLDT	35	5,400
INYO	5	800
KERN	8	1,200
KINGS	2	300
LAKE	27	4,200
LASSEN	29	4,500
LOS ANGELES	8	1,200
MADERA	5	800
MARIN	11	1,700
MARIPOSA	3	500
MENDOCINO	43	6,700
MERCED	2	300
MODOC	40	6,200
MONO	15	2,300
MONTEREY	16	2,500
NAPA	11	1,700
NEVADA	8	1,200
PLACER	8	1,200
PLUMAS	39	6,100
RIVERSIDE	3	500
SAN BENITO	3	500
SAN BERNARDINO	2	300
SAN DIEGO	7	1,100
SAN LUIS OBISPO	19	3,000
SAN MATEO	1	200
SANTA BARBARA	12	1,900
SANTA CLARA	7	1,100
SHASTA	15	2,300
SIERRA	15	2,300
SISKIYOU	24	3,700
SOLANO	1	200
SONOMA	10	1,600
STANISLAUS	8	1,200
SUTTER	1	200
TEHAMA	21	3,300
TRINITY	10	1,600
TULARE	6	900
TUOLUMNE	13	2,000
VENTURA	10	1,600
YOLO	3	500
UNSPECIFIED	13	2,000
TOTALS	607	94,500

TABLE III

1949 PHEASANT KILL BY COUNTY

1949 POST CARD GAME TAKE SURVEY

	<u>REPORTED TAKE</u>	<u>STATEWIDE TAKE</u>
ALAMEDA	19	3,000
AMADOR	4	600
BUTTE	209	32,500
CALAVERAS	8	1,200
COLUSA	336	52,200
CONTRA COSTA	48	7,500
EL DORADO	2	300
FRESNO	97	15,100
GLENN	232	36,100
HUMBOLDT	8	1,200
IMPERIAL	28	4,400
INYO	5	800
KERN	12	1,900
KINGS	13	2,000
LAKE	1	200
LASSEN	41	6,400
LOS ANGELES	7	1,100
MADERA	17	2,600
MENDOCINO	3	500
MERCED	95	14,800
MODOC	22	3,400
MONO	8	1,200
MONTEREY	3	500
NAPA	17	2,600
PLACER	29	4,500
PLUMAS	2	300
RIVERSIDE	6	900
SACRAMENTO	203	31,500
SAN BENITO	4	600
SAN BERNARDINO	15	2,300
SAN DIEGO	7	1,100
SAN JOAQUIN	147	22,800
SAN LUIS OBISPO	3	500
SANTA BARBARA	4	600
SANTA CLARA	8	1,200
SANTA CRUZ	6	900
SISKIYOU	35	5,400
SOLANO	58	9,000
SONOMA	31	4,800
STANISLAUS	123	19,100
SUTTER	200	31,100
TEHAMA	11	1,700
TULARE	15	2,300
TUOLUMNE	1	200
VENTURA	1	200
YOLO	221	34,300
YUBA	83	12,900
UNSPECIFIED	54	8,400
TOTALS	2,502	388,700

TABLE IV

1949 DOVE KILL BY COUNTY

1949 POST CARD GAME TAKE SURVEY

	<u>REPORTED TAKE</u>	<u>STATEWIDE TAKE</u>
ALAMEDA	99	15,400
AMADOR	38	5,900
BUTTE	118	18,300
CALAVERAS	21	3,300
COLUSA	283	44,000
CONTRA COSTA	121	18,800
EL DORADO	57	8,900
FRESNO	1,266	196,800
GLENN	153	23,800
IMPERIAL	1,798	279,400
INYO	48	7,500
KERN	466	72,400
KINGS	285	44,300
LAKE	74	11,500
LASSEN	64	9,900
LOS ANGELES	486	75,500
MADERA	249	38,700
MARIN	18	2,800
MARIPOSA	20	3,100
MENDOCINO	3	500
MERCED	290	45,100
MODOC	32	5,000
MONO	45	7,000
MONTEREY	291	45,200
NAPA	81	12,600
NEVADA	10	1,600
ORANGE	130	20,200
PLACER	48	7,500
PLUMAS	7	1,100
RIVERSIDE	798	124,000
SACRAMENTO	183	28,400
SAN BENITO	75	11,700
SAN BERNARDINO	285	44,300
SAN DIEGO	886	137,700
SAN JOAQUIN	359	55,800
SAN LUIS OBISPO	464	72,100
SAN MATEO	30	4,700
SANTA BARBARA	178	27,700
SANTA CLARA	146	22,700
SANTA CRUZ	37	5,800
SHASTA	13	2,000
SIERRA	22	3,400
SISKIYOU	47	7,300
SOLANO	64	9,900
SONOMA	132	20,500
STANISLAUS	350	54,400
SUTTER	48	7,500
TEHAMA	27	4,200
TULARE	878	136,500
VENTURA	153	23,800
YOLO	128	19,900
YUBA	45	7,000
UNSPECIFIED	186	28,900
TOTALS	12,135	1,886,300

TABLE V

1949 PIGEON KILL BY COUNTY

1949 POST CARD GAME TAKE SURVEY

	<u>REPORTED TAKE</u>	<u>STATEWIDE TAKE</u>
ALAMEDA	9	1,400
AMADOR	9	1,400
BUTTE	8	1,200
FRESNO	15	2,300
GLENN	1	200
HUMBOLDT	2	300
KERN	1	200
LAKE	1	200
LOS ANGELES	3	500
MADERA	9	1,400
MARIPOSA	10	1,600
MONTEREY	99	15,400
NAPA	1	200
NEVADA	2	300
SACRAMENTO	5	800
SAN BENITO	30	4,700
SAN BERNARDINO	28	4,400
SAN DIEGO	28	4,400
SAN JOAQUIN	12	1,900
SAN LUIS OBISPO	169	26,300
SANTA CLARA	22	3,400
SANTA CRUZ	1	200
SHASTA	12	1,900
SIERRA	4	600
SISKIYOU	4	600
SOLANO	7	1,100
STANISLAUS	5	800
SUTTER	1	200
TRINITY	25	3,900
TULARE	6	900
YOLO	14	2,200
YUBA	5	800
UNSPECIFIED	17	2,600
TOTALS	565	88,300

TABLE VII

1949 DUCK KILL BY COUNTY

1949 POST CARD GAME TAKE SURVEY

	<u>REPORTED TAKE</u>	<u>STATEWIDE TAKE</u>
ALAMEDA	811	126,000
AMADOR	32	5,000
BUTTE	346	53,800
CALAVERAS	121	18,800
COLUSA	783	121,700
CONTRA COSTA	675	104,900
DEL NORTE	25	3,900
FRESNO	443	68,900
GLENN	488	75,800
HUMBOLDT	666	103,500
IMPERIAL	621	96,500
INYO	45	7,000
KERN	616	95,700
KINGS	78	12,100
LAKE	57	8,900
LASSEN	113	17,600
LOS ANGELES	58	9,000
MADERA	397	53,900
MARIN	264	41,000
MENDOCINO	79	11,500
MERCED	1,104	171,600
MODOC	242	37,600
MONO	83	12,900
MONTEREY	166	25,800
NAPA	112	17,400
ORANGE	173	26,900
PLACER	31	4,800
PLUMAS	28	4,400
RIVERSIDE	321	49,500
SACRAMENTO	369	57,400
SAN BERNARDINO	131	20,400
SAN DIEGO	482	74,900
SAN JOAQUIN	780	121,200
SAN LUIS OBISPO	90	14,000
SAN MATEO	230	35,700
SANTA BARBARA	89	13,800
SANTA CLARA	206	32,000
SANTA CRUZ	1	200
SHASTA	39	6,100
SISKIYOU	304	47,200
SOLANO	758	117,800
SONOMA	291	45,200
STANISLAUS	461	71,600
SUTTER	371	57,700
TEHAMA	17	2,600
TULARE	39	6,100
VENTURA	93	14,500
YOLO	604	93,900
YUBA	147	22,800
UNSPECIFIED	263	40,900
TOTALS	14,688	2,282,800

TABLE VIII

1949 TREE SQUIRREL KILL BY COUNTY

1949 POST CARD GAME TAKE SURVEY

	<u>REPORTED TAKE</u>	<u>STATEWIDE TAKE</u>
BUTTE	24	3,700
CALAVERAS	21	3,300
EL DORADO	24	3,700
HUMBOLDT	1	200
KINGS	1	200
LASSEN	2	300
LOS ANGELES	1	200
MARIPOSA	6	900
MONTEREY	1	200
NAPA	1	200
NEVADA	1	200
PLACER	8	1,200
PLUMAS	1	200
SHASTA	1	200
SIERRA	2	300
SISKIYOU	9	1,400
SONOMA	5	800
STANISLAUS	3	500
TEHAMA	2	300
TRINITY	8	1,200
TUOLUMNE	10	1,600
UNSPECIFIED	2	300
TOTALS	134	21,100

TABLE IX

1949 BEAR KILL BY COUNTY

1949 POST CARD GAME TAKE SURVEY

	<u>REPORTED TAKE</u>	<u>STATEWIDE TAKE</u>
BUTTE	1	155
CALAVERAS	1	155
EL DORADO	1	155
FRESNO	1	155
HUMBOLDT	2	311
KERN	1	155
LAKE	1	155
LASSEN	2	311
LOS ANGELES	1	155
PLUMAS	2	311
SAN BERNARDINO	1	155
SHASTA	2	311
TEHAMA	1	155
TUOLUMNE	2	311
TOTALS	19	2,950

TABLE X

1949 JACKRABBIT KILL BY COUNTY

1949 POST CARD GAME TAKE SURVEY

	<u>REPORTED TAKE</u>	<u>STATEWIDE TAKE</u>
ALAMEDA	18	2,800
BUTTE	46	7,100
CALAVERAS	5	800
COLUSA	71	11,000
CONTRA COSTA	28	4,400
EL DORADO	23	3,600
FRESNO	157	24,400
GLENN	115	17,900
HUMBOLDT	7	1,100
IMPERIAL	50	7,800
KERN	236	36,700
KINGS	102	15,900
LAKE	33	5,100
LASSEN	125	19,400
LOS ANGELES	150	23,300
MADERA	36	5,600
MARIN	28	4,400
MENDOCINO	44	6,800
MERCED	181	28,100
MODOC	44	6,800
MONO	12	1,900
MONTEREY	19	3,000
NAPA	26	4,000
ORANGE	17	2,600
PLACER	66	10,300
PLUMAS	14	2,200
RIVERSIDE	213	33,100
SACRAMENTO	137	21,300
SAN BENITO	27	4,200
SAN BERNARDINO	96	14,900
SAN DIEGO	66	10,300
SAN JOAQUIN	184	28,600
SAN LUIS OBISPO	61	9,500
SANTA BARBARA	26	4,000
SANTA CLARA	18	2,800
SANTA CRUZ	28	4,400
SHASTA	5	800
SIERRA	6	900
SISKIYOU	156	24,200
SOLANO	78	12,100
SONOMA	78	12,100
STANISLAUS	267	41,500
SUTTER	78	12,100
TEHAMA	11	1,700
TULARE	260	40,400
VENTURA	24	3,700
YOLO	130	20,200
YUBA	36	5,600
UNSPECIFIED	55	8,500
TOTALS	3,693	573,900

TABLE XI 1949 COTTONTAIL AND BRUSH RABBIT KILL BY COUNTY 1949 POST CARD GAME TAKE SURVEY

	<u>REPORTED TAKE</u>	<u>STATEWIDE TAKE</u>
ALAMEDA	9	1,400
BUTTE	4	600
CALAVERAS	16	2,500
COLUSA	1	200
CONTRA COSTA	3	500
EL DORADO	6	900
FRESNO	42	6,500
GLENN	33	5,100
HUMBOLDT	31	4,800
IMPERIAL	114	17,700
INYO	4	600
KERN	72	11,200
KINGS	7	1,100
LAKE	6	900
LASSEN	16	2,500
LOS ANGELES	186	28,900
MADERA	67	10,400
MARIN	24	3,700
MARIPOSA	4	600
MENDOCINO	10	1,600
MERCED	25	3,900
MODOC	11	1,700
MONO	5	800
MONTEREY	68	10,600
NAPA	3	500
ORANGE	72	11,200
PLACER	15	2,300
RIVERSIDE	384	59,700
SACRAMENTO	16	2,500
SAN BENITO	17	2,600
SAN BERNARDINO	149	23,200
SAN DIEGO	370	57,500
SAN JOAQUIN	28	4,400
SAN LUIS OBISPO	118	18,300
SAN MATEO	67	10,400
SANTA BARBARA	23	3,600
SANTA CLARA	15	2,300
SANTA CRUZ	41	6,400
SHASTA	3	500
SISKIYOU	35	5,400
SOLANO	6	900
SONOMA	16	2,500
STANISLAUS	23	3,600
TEHAMA	1	200
TRINITY	1	200
TULARE	36	5,600
TUOLUMNE	7	1,100
VENTURA	32	5,000
YOLO	11	1,700
UNSPECIFIED	49	7,600
TOTALS	2,302	357,900

TABLE XIII

MIGRATION OF SUCCESSFUL HUNTERS FROM SAN FRANCISCO BAY AREA

(SAN FRANCISCO, ALAMEDA, CONTRA COSTA COUNTIES) -- 1949 HUNTING SEASON

<u>COUNTY OF KILL</u>	<u>DEER</u>	<u>PHEASANTS</u>	<u>DUCKS</u>	<u>GEESE</u>
ALAMEDA	3.9%	2.7%	20.3%	1.2%
BUTTE		8.1		
COLUSA		26.6	11.6	40.5
CONTRA COSTA	1.3	7.5	20.5	7.8
GLENN	7.9	12.4	4.5	11.3
LAKE	9.2			
MENDOCINO	21.1			
MERCED			6.0	7.4
MODOC	7.9			
PLUMAS	7.9			
SACRAMENTO		6.2	3.5	5.4
SOLANO			10.9	9.7
SUTTER		10.7		
TEHAMA	6.6			
YOLO		7.8	4.2	3.5
ALL OTHER COUNTIES	<u>34.2</u>	<u>18.0</u>	<u>18.5</u>	<u>13.2</u>
	100.0	100.0	100.0	100.0

TABLE XIV

MIGRATION OF SUCCESSFUL HUNTERS FROM LOS ANGELES AREA

(LOS ANGELES AND ORANGE COUNTIES) -- 1949 HUNTING SEASON

<u>COUNTY OF KILL</u>	<u>DEER</u>	<u>PHEASANTS</u>	<u>DUCKS</u>	<u>GEESE</u>
BUTTE		17.1%		
COLUSA		12.4		6.5%
FRESNO	7.5%			
GLENN				9.7
IMPERIAL			23.1	5.7
INYO	5.7			
KERN			23.9	
LASSEN	9.4			
LOS ANGELES	13.2	6.7	3.6	.8
MERCED		5.7		
MODOC	7.5			12.1
MONO	13.2			
ORANGE	1.9	1.0	10.6	1.6
PLUMAS	5.7			
RIVERSIDE			9.5	
SACRAMENTO		6.7		5.7
SAN BERNARDINO			4.5	
SAN DIEGO			8.7	
SISKIYOU				29.8
TULARE	5.7			
VENTURA			3.9	
YOLO		6.7		
YUBA		21.0		
ALL OTHER COUNTIES	<u>30.2</u>	<u>22.7</u>	<u>12.3</u>	<u>28.1</u>
	100.0	100.0	100.0	100.0

TABLE XV

MIGRATION OF SUCCESSFUL HUNTERS FROM SAN DIEGO AREA

(SAN DIEGO COUNTY) -- 1949 HUNTING SEASON

<u>COUNTY OF KILL</u>	<u>DEER</u>	<u>PHEASANTS</u>	<u>DUCKS</u>	<u>GEESE</u>
IMPERIAL		46.7%	27.1%	15.4%
INYO	9.1%			
MODOC	9.1			
SAN DIEGO	54.5	46.7	71.3	57.7
SHASTA	9.1			
SISKIYOU	9.1			23.1
ALL OTHER COUNTIES	<u>9.1</u>	<u>6.6</u>	<u>1.6</u>	<u>3.8</u>
	100.0	100.0	100.0	100.0

TABLE XVI

MIGRATION OF SUCCESSFUL HUNTERS FROM THE FRESNO AREA

(FRESNO COUNTY) -- 1949 HUNTING SEASON

<u>COUNTY OF KILL</u>	<u>DEER</u>	<u>PHEASANTS</u>	<u>DUCKS</u>	<u>GEESE</u>
BUTTE		6.2%		
COLUSA		5.1		
FRESNO	63.1%	79.5	42.9%	33.8%
KINGS		1.0	3.5	
MADERA	15.8		32.9	51.3
MERCED			15.8	1.3
MODOC	5.3			
SACRAMENTO				4.1
SAN LUIS OBISPO			1.2	
SOLANO		4.1		
TULARE		1.0		
YOLO				6.8
ALL OTHER COUNTIES	<u>15.8</u>	<u>3.1</u>	<u>3.7</u>	<u>2.7</u>
	100.0	100.0	100.0	100.0

TABLE XVII

MIGRATION OF SUCCESSFUL HUNTERS FROM THE CHICO AREA

(BUTTE COUNTY) -- 1949 HUNTING SEASON

<u>COUNTY OF KILL</u>	<u>DEER</u>	<u>PHEASANTS</u>	<u>DUCKS</u>	<u>GEESE</u>
BUTTE	31.5%	86.5%	76.6%	73.1%
GLENN	10.5	12.6	16.1	
PLUMAS	21.1			
SHASTA			4.1	15.4
TEHAMA	15.8			
ALL OTHER COUNTIES	<u>21.1</u>	<u>.9</u>	<u>3.2</u>	<u>11.5</u>
	100.0	100.0	100.0	100.0

TABLE XII

1949 QUAIL KILL BY COUNTY

1949 POST CARD GAME TAKE SURVEY

	<u>REPORTED TAKE</u>	<u>STATEWIDE TAKE</u>
ALAMEDA	66	10,300
AMADOR	47	7,300
BUTTE	154	23,900
CALAVERAS	181	28,100
COLUSA	46	7,100
CONTRA COSTA	71	11,000
EL DORADO	49	7,600
FRESNO	392	60,900
GLENN	42	6,500
HUMBOLDT	232	36,100
IMPERIAL	296	46,000
INYO	54	8,400
KERN	391	60,800
KINGS	145	22,500
LAKE	51	7,900
LASSEN	51	7,900
LOS ANGELES	241	37,500
MADERA	214	33,300
MARIN	64	9,900
MARIPOSA	54	8,400
MENDOCINO	276	42,000
MERCED	87	13,500
MODOC	93	14,500
MONO	8	1,200
MONTEREY	190	29,500
NAPA	100	15,500
NEVADA	11	1,700
ORANGE	64	9,900
PLACER	96	14,900
PLUMAS	16	2,500
RIVERSIDE	317	49,300
SACRAMENTO	98	15,200
SAN BENITO	146	22,700
SAN BERNARDINO	74	11,500
SAN DIEGO	360	56,000
SAN JOAQUIN	125	19,400
SAN LUIS OBISPO	262	40,700
SAN MATEO	39	6,100
SANTA BARBARA	257	39,900
SANTA CLARA	74	11,500
SANTA CRUZ	129	20,100
SHASTA	58	9,000
SIERRA	10	1,600
SISKIYOU	132	20,500
SOLANO	24	3,700
SONOMA	235	36,500
STANISLAUS	152	23,600
SUTTER	49	7,600
TEHAMA	56	8,700
TRINITY	60	9,300
TULARE	311	48,300
TUOLUMNE	25	3,900
VENTURA	242	37,500
YOLO	59	9,200
YUBA	27	4,200
UNSPECIFIED	188	29,200
TOTALS	7,291	1,132,800

TABLE XVIII

MIGRATION OF SUCCESSFUL HUNTERS FROM THE BAKERSFIELD AREA

(KERN COUNTY) -- 1949 HUNTING SEASON

<u>COUNTY OF KILL</u>	<u>DEER</u>	<u>PHEASANTS</u>	<u>DUCKS</u>	<u>GEESE</u>
ALPINE	8.3%			
BUTTE		30.8%		
FRESNO	25.1			
IMPERIAL			2.6%	
KERN	33.4	30.8	83.3	40.0%
MONO	8.3		4.7	
SAN MATEO	8.3			
TULARE		23.1		40.0
VENTURA	8.3			
ALL OTHER COUNTIES	<u>8.3</u>	<u>15.3</u>	<u>9.4</u>	<u>20.0</u>
	100.0	100.0	100.0	100.0

TABLE XIX

MIGRATION OF SUCCESSFUL HUNTERS FROM THE STOCKTON AREA

(SAN JOAQUIN COUNTY)-- 1949 HUNTING SEASON

<u>COUNTY OF KILL</u>	<u>DEER</u>	<u>PHEASANTS</u>	<u>DUCKS</u>	<u>GEESE</u>
ALPINE	22.3%			
CALAVERAS			1.6%	6.8%
GLENN		2.6%		
PLUMAS	16.6			
SACRAMENTO			1.0	5.1
SAN JOAQUIN		81.2	85.9	71.2
SISKIYOU				10.1
STANISLAUS	11.1	5.4	11.2	5.1
TEHAMA	11.1			
TUOLUMNE	11.1			
YUBA		6.3		
ALL OTHER COUNTIES	<u>27.8</u>	<u>4.5</u>	<u>3</u>	<u>1.7</u>
	100.0	100.0	100.0	100.0

TABLE XX

MIGRATION OF SUCCESSFUL HUNTERS FROM THE SACRAMENTO AREA

(SACRAMENTO COUNTY) -- 1949 HUNTING SEASON

<u>COUNTY OF KILL</u>	<u>DEER</u>	<u>PHEASANTS</u>	<u>DUCKS</u>	<u>GEESE</u>
ALAMEDA			6.4%	
COLUSA		8.5%	13.5	22.7%
EL DORADO	8.0%			
NEVADA	16.0			
PLACER		2.8		
PLUMAS	16.0			
SACRAMENTO		48.9	22.3	26.8
SHASTA	12.0			
SIERRA	8.0			
SOLANO		2.8		
SUTTER		19.3	21.1	11.3
YOLO	8.0	10.2	23.3	28.9
ALL OTHER COUNTIES	<u>32.0</u>	<u>7.5</u>	<u>13.4</u>	<u>10.3</u>
	100.0	100.0	100.0	100.0