California Department of Fish and Game Resources Building, 9th and 0 Streets Sacramento, California 95814

REPORT OF THE 1964 GAME TAKE NUNTER SURVEY

Hunter game take questionnaires were mailed to 10,946 hunting licensees on January 7, 1965, immediately after the close of the 1964-65 general waterfowl season. This was a random sample of slightly less than 2 percent of all license holders.

Some 5,622 usable questionnaires were returned and represented more than a 51 percent response. This is the fourth consecutive year in which questionnaire response has exceeded 50 percent of the questionnaires mailed.

It is of importance to realize that the total bag figures contained in this report are subject to considerable statistical bias depending on several factors such as, (1) number of pieces of game allowed by state bag limit, (2) date of open season with respect to date of hunter questionnaire, (3) degree to which party hunting contributes in the harvest of the species. Therefore, since these biases exist, the chief value in total bag figures, contained herein, is their trend value; - how does this season compare with last 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 1964-65 hunting season calculations was $685,000 \div 5,622 = 121.8$.

HUNTING LICENSE SALES	1964	<u> 1963</u>	Change from 1963
Hunting Licenses	685,000	658,200	+ 4%
Deer Tags	407,400	390,009	+ 4%
Pheasant Tags	200,200	193,041	÷ 4%
Bear Tags	27,400	26,623	+ 3%
Duck Stamps (no estimate available 196		136,961	w w

HUNTING REGULATION CHANGES

1. DEER

- A. District 1-3/4 Modoc and Lassen counties and portions of Siskiyou, Shasta and Sierra counties had two different seasons:
 - (1) Opened Sept. 21 (Monday) Closed Oct. 13 (Tuesday) One buck, 3 points or better.
 - (2) Opened Sept. 21 (Monday) Closed Nov. 3 (Tuesday) One buck, 2 points or better.

B. Los Angeles County

(1) Removed the portion of Los Angeles County lying west of Highway 99 from the early season and placed all northern Los Angeles County in the late season.

C. Archery

(1) Early archery season opened July 18, one week later than the 1963 opener.

2. MOUNTAIN QUAIL

The length of the special mountain quail season was extended from 5 weeks in length to 6 weeks.

3. DOVES

- A. The counties of Ventura, Los Angeles, Orange, San Diego, Imperial, Riverside and San Bernardino were zoned for a Saturday opener; the season dates were September 5 October 14. Balance of the State September 1 October 10, with a Tuesday opening.
- B. Bag limit increased from 10 daily bag and 20 in possession to 12 daily bag and 24 in possession.
- C. Federal regulations required that one fully feathered wing be retained on field dressed doves.

4. COTTONTAIL/BRUSH RABBITS

A. The counties of Ventura, Los Angeles, Orange, San Diego, Imperial, Riverside and San Bernardino were zoned to coincide with the September 5 dove season opening.

5. DUCKS

- A. Shooting hours returned to one-half hour before sunrise starting time, statewide, for the opening day.
- B. Canvasback and redhead ducks were again allowed in the legal bag. Daily bag and possession limit could include 2 canvasbacks or 2 redheads or 1 of each.
- C. Federal regulations required that one fully feathered wing be retained on field-dressed birds.

The following tables are appended to this report:

- 1. Summary of Statewide Game Bag 1964
- 2. Ten Leading Counties in Bag of Pheasants, Quail, Doves, Band-tailed Pigeons, Jackrabbits, Cottontail/Brush Rabbits, Ducks and Geese
- 3. Major Game Species Bag, by Administrative Region 1963-64

- 4. Preferred Game Species as Indicated by Questionnaire Respondents 1964
- 5. Hunter Success 1964
- 6. Mailing and Return of Questionnaires by County of Residence 1964

BAG BY SPECIES

UPLAND GAME

PHEASANTS	1964	<u> 1963</u>	Change from 1963
Statewide Bag	783,500	817,900	<u> </u>
Hunters Reported	227,800	209,400	+ 9%
Average Seasonal Bag	3.4	3.9	- 0.5
Total Days Hunted	773,000	No Data	30g, 66s
Average Days Hunted	3.2	it ti	NO the

In northern California and the Sacramento Valley, 1964 pheasant reproduction was lower than 1963 but a good carryover of adult birds from 1963 and ideal weather conditions provided fair to good hunting.

The San Joaquin Valley had an excellent reproduction year and produced a good huntable pheasant population. Hunter success in this area was very good.

Pheasant range and populations in the San Joaquin Valley have been steadily increasing in recent years due to changes in crops and agricultural lands, and the pheasant's importance as a prized game bird has risen accordingly in this area.

In the Imperial Valley, Owens Valley and Mono County a better-than-average pheasant season was experienced for this section of the State.

QUAIL	1964	<u> 1963</u>	Change from 1963
Statewide Bag	2,747,700	2,658,400	+ 3%
Hunters Reported	205,500	195,700	+ 5%
Average Seasonal Bag	13.4	13.6	- 0.2

Quail reproduction was fair to good statewide with late nesting and a good carryover of adult birds contributing to a successful quail season.

Traditional areas of past quail abundance and high hunter success continued to dominate the statewide quail bag.

DOVES	<u> 1964</u>	<u> 1963</u>	Change from 1963
Statewide Bag	4,911,800	4,766,300	+ 3%
Hunters Reported	249,100	220,800	+ 13%
Average Seasonal Bag	19.7	21.6	- 1.9
Total Days Hunted	882,400	No Data	м 19
Average Days Hunted	3.5	11 11	954 944

The opening of the dove season which is traditionally the highest success period of the season, was marred by rain in some parts of the State and cold weather in other parts. These conditions contributed to a rather unsuccessful dove opener statewide. In addition, it was felt by field personnel that the September 1 opener in Arizona, predating the California opening by 5 days, moved many birds out of the Colorado River area. Hunting conditions improved as the season progressed and apparently an acceleration of hunting effort contributed to the increased bag.

CHUKAR PARTRIDGE	1964	<u> 1963</u>	Change from 1963
Statewide Bag	61,500	60,100	+ 2%
Hunters Reported	22,000	19,200	+ 15%
Average Seasonal Bag	2.8	3.1	- 0.3

Chukar reproduction was fair in 1964 with good carryover populations. An appreciable increase in the number of hunters was apparent though the individual bag decreased.

SAGE GROUSE	1964	<u> 1963</u>	Change from 1963
Statewide Bag	10,400	9,900	+ 5%
Hunters Reported	8,100	6,200	+ 30%
Average Seasonal Bag	1.3	1.6	~ 0.3
STERRA AND RUFFED GROUSE	1964	1963	Change from 1963
Statewide Bag	2,600	4,100	- 37%
RAND-TAILED PIGEONS	1964	<u> 1963</u>	Change from 1963
Statewide Bag	242,500	248,500	- 2%
Hunters Reported	36,700	33,700	+ 9%
Average Seasonal Bag	6.6	7.4	- 0.8
Total Days Hunted	82,000	No Data	
Average Days Hunted	2,2	1 1 1 1	Man anio

The unstable distribution of band-tailed pigeon populations was again in evidence in 1964 as it had been in previous years. Excellent acorn crops statewide contributed to a dispersion of birds. Though the south central coast areas continued to provide a large percentage of the statewide pigeon bag, the band-tail harvest in the balance of the State showed a very diversified geographical pattern.

JACKRABBITS	1964	1963	Change from 1963
Statewide Bag	3,232,500	1,870,200	+ 73%
Hunters Reported	163,700	116,300	+ 41%
Average Seasonal Bag	19.7	16.1	+ 3.6

Field reports had indicated phenomenally high jackrabbit populations statewide. The abundance of jackrabbits and their accessibility to hunters apparently attracted more hunters than usual with a high rate of hunter success.

COTTONTAIL/BRUSH RABBITS	1964	<u> 1963</u>	Change from 1963
Statewide Bag	1,231,900	779,200	+ 58%
Hunters Reported	138,200	95,600	+ 45%
Average Seasonal Bag	8.9	8.2	+ 0.7
Total Days Hunted	592,700	No Data	
Average Days Hunted	¹ 4•3	f1 f1	w m

The combination of high rabbit populations and increased hunter pressure were felt to be the contributing factors in the record-breaking rabbit harvest.

TREE SQUIRRELS	1964	<u> 1963</u>	Change from 1963
Statewide Bag	119,000	75,900	+ 57%
Hunters Reported	37,500	27,300	+ 37%
Average Seasonal Bag	3.2	2.8	+ 0.4

Excellent tree squirrel populations had been reported by field personnel prior to the squirrel season. The abundance of squirrels probably helped to attract hunters resulting in an increase in kill.

Each year some equirrels are reported bagged in counties in which there is no open season and probably some are ground squirrels reported in error.

UPLAND GAME SUMMARY

Despite lower reproduction in 1964 for some of the upland game populations, most of the hunting seasons produced favorable results.

The adaptability of pheasants to a changing environment has been indicated in the San Joaquin Valley where changing agricultural practices and crops seem to have provided favorable pheasant habitat and increased the importance of the San Joaquin Valley as a pheasant producing area.

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Upland game hunting effort statewide has been on the rise with sportsmen's interesting this recreational pursuit continuing to accommodate a large number of hunters. The abundance and relatively easy accessibility to good quail, jackrabbit and cottontail hunting may have contributed to the increased hunting effort on these species.

	WATERFO	<u>II</u>	
DUCKS	1964	<u> 1963</u>	Change from 1963
Statewide Bag	2,359,900	2,342,700	+ 1%
Hunters Reported	169,400	155,400	+ 9%
Average Seasonal Bag	13.9	15.1	- 1.2
Total Days Hunted	1,158,000	No Data	₩ W
Average Days Hunted	6.8	11 11	ber ko

The 1964-65 season duck kill showed very little change from the kill reported for 1963-64.

Good duck populations were available at the opening of the 1964-65 season but after a fine season opener, heavy rains occurred which flooded out much of the duck hunting area which has traditionally supplied a major portion of the duck kill. The consequent dispersion of ducks to other feeding areas and the multitude of "potholes" was an asset to "unattached hunters" who found more ducks available to them than might normally be expected.

GEESE	<u>1964</u>	<u> 1963</u>	Change from 1963
Statewide Bag	387,000	369,300	+ 5%
Hunters Reported	84,400	75,600	+ 11%
Average Seasonal Bag	4.6	4.9	~ 0.3

Populations of geese were about the same as they were in 1963-64 but the flooding conditions made more habitat available to them and the geese were widely dispersed In general, the hunting conditions pertaining to ducks were also applicable to geese.

WATERFOWL SUMMARY

At season opening, duck populations were at about the same level as last year. The first part of the waterfowl season was very good. Storms which began about two weeks after the season opener produced flooding conditions. These flood conditions established more and different waterfowl habitat, moved waterfowl from their usual haunts and made them more available to a larger number of "unattached hunters" than was normally to be expected.

BIG GAME

DEER (Survey)	<u> 1964</u>	1963	Change from 1963
Statewide Bag	138,700	117,100	+ 18%
Hunters Reported	438,700	397,500	+ 10%
Total Days Hunted	3,524,500	No Data	met foo
Average Days Hunted	8.0	ft tt	

Survey respondents reported a deer kill which exceeded by 18 percent the reported 1963 hunter survey kill of 117,100. The deer kill in 1964 from hunter-submitted deer tags was 66,584 or 17 percent over the 56,814 reported in 1963.

The deer kill as reported by survey respondents was higher by 94 percent than the total calculated from hunter-submitted deer tags. This follows the pattern established in the past when the kill reported by survey respondents was about double the results obtained from deer tag returns.

BEAR - 1964 Bag 2,200 (Tag count 670)

The bear kill as reported by survey respondents represented an increase of about 38 percent over the 1963 estimated survey kill of 1,600. The hunter-submitted bear tag kill in 1964 was less than the 1963 kill of 685 by 2 percent.

BIG GAME SUMMARY

A good deer season was experienced in 1964 in spite of hot, dry weather which prevailed during the early season and throughout all but the last two weeks of the late season. A storm during the last week of October and the first of November greatly reduced fire danger and improved deer hunting conditions.

Archery

A total of 32,200 deer hunters indicated deer hunting effort with bow and arrow. This number of archers represents about 7 percent of all respondents who had indicated deer hunting effort.

Opinion on Antlerless Deer Hunting

Survey respondents were asked to express an opinion of their feelings toward antlerless deer hunting. For the most unbiased results it was decided that the wording of the question should be identical with the wording used in 1948 and 1958, namely, "Would you favor or oppose some kind of open season on does in California?"

In addition to those respondents who expressed an interest in this question with an unqualified ballot marked "Favor", "Oppose", or "No Opinion", another group expressed qualified approval of some sort of open season on does.

The comparative results of this ballot follows. It is expressed in percentage of the total number of respondents who marked the ballot.

	1948	1958	<u>1961</u> ₊
Favor	29	34	50
Favor with qualifications	19	2.0 MARGONIA, 1849	13
4 con 7 7 7 C 6 0 7 0 1 1 2	48	5^{l_1}	63
Opposed	<u>1</u> , 1,	33	27
No Opinion	8	13	10
	100	100	100

MISCELLANEOUS

In 1948 a hunter survey was conducted for the Department by the Opinion Research Center of the University of Denver. For the first time since that survey was conducted the California Department of Fish and Game in 1964 included some of the same requests that were incorporated in the 1948 survey, specifically, the sex and age of hunter questionnaire recipients was asked.

The following percentages were calculated from the response to these questions:

<u>Sex</u> Men Women	1948 93.7 6.3 100.0	1964 94.8 5.2 100.0
Age	1948	<u> 1964</u>
Under 16 years 16-19 20-29 30-39 40-49 50-59 60-69 70 and over	2.9 6.2 21.3 29.3 21.4 11.8 5.7 1.4	0.4 8.8 23.5 21.9 22.0 14.1 7.0 2.3

Of the 5,228 survey respondents who indicated some hunting effort, 1,279 or 24 percent hunted deer only, 120 or 2 percent hunted pheasants exclusively, 61 or 1 percent hunted ducks only and 610 or 11 percent hunted upland game species, other than pheasants, to the exclusion of any other form of hunting.

TABLE I
SUMMARY OF STATEWIDE GAME BAG - 1964

Species	Yearly Avg. 1958-62	<u> 1963</u>	1964	% Change From 1963
Pheasants Quail Doves Chukar Partridge Sierra & Ruffed Grouse Sage Grouse Band-tailed Pigeons	650,800 1,795,600 3,956,200 35,400 2,500 6,200 246,500	817,900 2,658,400 4,766,300 60,100 4,100 9,900 248,500	783,500 2,747,700 4,911,800 61,500 2,600 10,400	- 4 + 3 + 3 + 2 + 37 + 5
Jackrabbits Cottontail/Brush Rabbits Tree Squirrels Ducks Geese Jacksnipes Coots Buck Deer (Hunter Survey) Buck Deer (Tag Count) Bears (Hunter Survey) Bears (Tag Count)	1,294,300 518,700 81,000 2,608,900 325,800 49,300 308,400 123,700 66,352 1,800	1,870,200 779,200 75,900 2,342,700 369,300 35,000 235,800 117,100 56,814 1,600	242,500 3,232,500 1,231,900 119,000 2,359,900 387,000 57,400 341,500 138,700 66,584 2,200	- 2 + 73 + 58 + 57 + 64 + 45 + 18 + 17 + 38
European Wild Pig	915 3,100	685 4,700	670 7,300	- 2 + 55

TABLE 11

GAME BAG - 1964

(TEN LEADING COUNTIES)

% OF STATE	POSITION	MOVEMENT	% OF STATE	POSITICN
9.9 8.4 7.3 7.3 7.2 5.8 4.9 4.5 4.1 4.0 36.6	4 3 1 5 2 8 6 12 7	1. KERN 2. FRESNO 3. MADERA 4. LASSEN 5. MERCED 6. SAN BERNARDINO 7. RIVERSIDE 8. LOS ANGELES 9. TULARE 10. SAH DIEGO ALL OTHERS	11.8 8.6 7.6 6.4 6.2 4.5 4.5 4.0 3.0 3.0 40.4	1963 1 2 16 7 3 9 11 12 6
10.6 7.9 5.7 5.4 5.1 4.5 3.9 3.8 3.7 3PO 3.5 45.9	1 3 2 4 9 6 12 11 5	1. RIVERSIDE 2. SAN BERNARDINO 3. SAN DIEGO 4. KERN 5. VENTURA 6. LOS ANGELES 7. FRESNO 8. TULARE 9. GRANGE 10. LASSEN ALL OTHERS	15.9 12.1 12.0 6.7 6.2 6.1 3.6 3.1 2.8 2.5 27.0	2 4 1 3 5 10 8 16 9
100,0			100.0	
12.4 9.5 6.4 6.0 5.7 4.3 3.6 3.4 3.4 3.0 42.3	1 2 4 5 3 8 9 7 15	DUCKS 1. MERCED 2. COLUSA 3. (SOLAMO (IMPERIAL 5. BUTTE 6. YOLD 7. FRESNO 8. SUTTER 9. SISKLYOU 10. GLENN ALL OTHERS	13,5 12,1 6,0 6,0 5,6 4,0 3,8 3,7 3,6 3,1 38,6	1 3 2 6 4 11 8 7 5
		TOTAL	100,0	
		GEESE GRUMAA TI GREEN		
24,2 12,1 7,1 6,7 6,2 4,5 4,5 4,1 4,0 0 3,7 22,9	2 19 10 37 7 5 29 16 3	1. COLUSA 2. SISKIYGU 3. GLENN 4. BUTTE 5. MERCED 6. MODOC 7. YOLO 8. SUTTER 9. SACRAMENTO 10. IMPERIAL ALL OTHERS TOTAL	21.8 13.3 9.3 9.0 5.2 5.1 4.9 4.3 3.1 2.9 21.1	1 2 7 3 4 5 10 6 12
	TOTAL 9.9 8.4 7.3 7.3 7.2 5.8 4.9 4.5 4.1 4.0 36.6 100.0 10.6 7.9 5.7 5.4 5.1 4.5 3.9 3.6 3.7 5.4 5.1 4.5 9.5 6.4 6.0 5.7 4.3 3.6 3.4 3.6 3.4 3.6 3.4 3.6 3.4 3.6 3.4 3.6 3.4 3.6 3.4 3.6 3.7 6.7 6.2 4.5 4.5 4.5 4.1 0 3.7 22.9	TOTAL 1963 9.9 4 8.4 3 7.3 1 7.3 5 7.2 2 5.8 8 4.9 6 4.5 12 4.1 7 4.0 10 36.6 1 100.0 1 10.6 7.9 3 5.7 2 5.4 4 5.1 9 4.5 6 3.9 12 3.8 11 3.7 5 3.8 11 3.7 5 3.8 11 3.7 5 3.6 6 4.9 6 4.5 9 100.0 1 12.4 1 9.5 6 6.4 4 6.0 5 5.7 3 4.3 8 3.6 9 3.4 7 3.6 9 3.4 7 3.6 9 3.4 7 3.6 9 3.6 9 3.4 7 3.6 9 3.6 9 3.4 7 3.6 9 3.6 9 3.6 9 3.6 9 3.7 1 100.0 1 45.9 100.0 11 42.3 11 42.3 11 42.3 100.0 11 42.3 11 42.3 100.0 11 42.3 11 42.3 11 42.3 100.0 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 42.3 11 43.0 11 44.0 11 44.0 11 45.0 11 46.0 11 46.0 11 46.0 11 46.0 11 46.0 11 46.0 11 46.0 11 46.0 11 46.0 11 46.0 11 46.0 11 46.0 11 46.0 11 46.0 11 46.0 11 46.0 11 46.0 11 46.0 11 46.0 11 46.0 11 46.0 11 46.0 11 46.0 11 46.0 11 46.0 11 46.0 11 46.0 11 46.0 11 46.0 11 46.0 11 46.0 11 46.0 11 46.0 11 46.0 11 46.0 11 46.0 11 46.0 11 46.0 11 46.0 11 46.0 11 46.0 11 46.0 11 46.0 11 46.0 11 46.0 11 46.0 11 46.0 11 46.0 11 46.0 11 46.0 11 46.0 11 46.0 11 46.0 11 46.0 11 46.0 11 46.0 11 46.0 11 46.0 11 46.0 11 46.0 11 46.0 11 46.0 11 46.0 11 46.0 11 46.0 11 46.0 11 46.0 11 46.0 11 46.0 11 46.0 11 46.0 11 46.0	TOTAL 1963 JACKRABBITS 9,9 4 1. KERN 6.4 3 2. FRESNO 7.3 1 3. MADERA 7.3 1 3. MADERA 7.3 1 3. MADERA 7.2 2 5. MERCED 5.8 8 6. SAM GERNARDINO 4.9 6 7. RIVERSIDE 4.5 12 8. LOS ANGELES 4.1 7 9. TULARE 4.0 10 36.6 10 10. SAM DIEGO ALL OTHERS 100,0 TOTAL RABBITS (COTTONTALL A 10.6 1 1. RIVERSIDE 2. SAM GERNARDINO 3.6 6. LOS ANGELES 1.0 4.5 6. 6. LOS ANGELES 1.0 4.5 9. GRANGE 3.3 11 8. TULARE 3.7 5 9. GRANGE 3.5 7 10. LASSEN ALL OTHERS TOTAL 1. MERCED 4.5 9. SISKI YOU 3.4 7 8. SUTTER 3.6 9 7. FRESNO 3.4 15 9. SISKI YOU 3.4 7 8. SUTTER 3.6 9 7. FRESNO 3.4 15 9. SISKI YOU 3.4 7 8. SUTTER 3.6 9 7. FRESNO 3.4 15 9. SISKI YOU 3.0 11 10. GLENN ALL OTHERS TOTAL 10 3. GLENN ALL OTHERS TOTAL 10 3. GLENN ALL OTHERS TOTAL 10 3. GLENN ALL OTHERS 4.5 5 6. MODOC 4.5 5. 5. MODOC 4.5 5. MODOC 4.5 5. MODOC 4.5 5. MODOC 4.5 5. MODOC 4.0 3.7 1.0 MIPERIAL ALL OTHERS 22.9 MODOC 4.0 3.7 1.0 MIPERIAL ALL OTHERS 4.0 4.0 3. SACRAMENTO MIPERIAL ALL OTHERS 4.0 4.0 3. SACRAMENTO MIPERIAL ALL OTHERS 4.0 4.0 3. SACRAMENTO MIPERIAL ALL OTHERS 4.0 4.0 3. MIPERIAL ALL OTHERS 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0	TOTAL 1963 JAGMABBUITS TOTAL 1. KERN 11.8 8.4 3 2. FRESNO 8.6 6.6 7.3 1 3. MADERA 7.6 7.5 7.2 2 5. MERCED 6.2 5.8 8 6. SAN BERMARDINO 4.5 4.5 4.5 12 6. CS ANGELES 4.0 4.1 7 9. TULARE 3.0 3.0 3.6 4.0 4.1 7 9. TULARE 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0

MAJOR CAME SPECIES BAG - 1963-64 (By Administrative Region)

	1964	10	42	72	21	15	100
	Ducks 1963 1	10	42	∞	27	13	100
	1964 1964	ſζ	4	0/	20	62	100
	Cottontai 1963 1962	m	9	16	19	56	100
සිකුදු වෙන	Jackrabbits 1963 1964	7.7	8	Φ	†1	22	100
of State Bag	Jackre 1963	ω	28	10	37	17	100
Percentage c	es 1964	5	13	10	34	33	700
Perc	Doves 1963 19	m	A	23	3	30	8
	1364	ထ	13	91	5.2	36	100
	Quail 1963	9	J	27	56	32	100
	ants 1964	5	52	4	28		100
	Phea.sants 1963 1964	4	55	τ̈	56	The state of the s	100
		Region 1	Region 2	Region 3	Region 4	Region 5	Totals

TABLE IV

PREFERRED GAME SPECIES AS REPORTED BY QUESTIONNAIRE RESPONDENTS - 1964

		cent		Num	ber	
	Successful	Unsuccessful	Total	Successful	Unsuccessful	Total
	Hunters	Hunters	Hunters	Hunters	Hunters	Hunters
Deer Doves Pheasants Quail Ducks Jackrabbits Cottontail/ Brush Rabbits	19	50	69	118,600	320,100	438,700
	36	3	39	232,500	16,600	249,100
	28	8	36	176,600	51,200	227,800
	28	4	32	180,600	24,900	205,500
	23	4	27	143,700	25,700	169,400
	25	1	26	157,900	5,800	163,700
	20	2	22	127,600	10,600	138,200
Geese Tree Squirrels Band-tailed Pigeons	10	3	13	65,600	18,800	84,400
	5	1	6	32,500	5,000	37,500
	5	1	6	28,300	8,400	36,700
Bears Coots Chukar Partric Wild Pigs Sage Grouse Jacksnipe Sierra/Ruffed Grouse	T H H H H H H H H H H H H H	4 T 1 T T	4 3 2 1 T	1,800 22,900 13,500 3,500 5,700 7,100 1,400	23,900 600 8,500 9,100 2,400 900 1,400	25,700 23,500 22,000 12,600 8,100 8,000 2,800

Of the estimated 685,000 license buyers in 1964, 636,800 indicated some degree of hunting effort.

Due to the multiple hunting effort by individual hunters, percentage figures exceed 100 percent and numerical figures exceed the individual hunters reported.

TABLE V

HUNTER SUCCESS

As Reported by Hunter Survey Respondents

(In	Percent)
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	Did Not Hunt	Hunted Unsuccessfully	Hunted Successfully
1954	7.7	25.6	66.7
1955	10.0	22.9	67.1
1956	11.2	21.9	66.9
1957	12.0	21.6	68.1
1958	8.0	23.0	69.0
1959	7.4	27.3	65.3
1960	7.2	27.9	64.8
1961	8.2	27.7	64.1
1962	8.4	27.7	63.9
1963	8.6	25.0	66.4
1964	7.0	22.7	70.3

TABLE VI

MAILING AND RETURN OF QUESTIONNAIRES BY COUNTY OF RESIDENCE - 1964 HUNTER SURVEY

COUNTY	QUESTIONNAIRES MAILED	PERCENT OF TOTAL MAILED	NUMBER RETURNED	PERCENT RETURNED
ALAMEDA	489	4.5	254	51.9
ALPINE	1	T	-	- U 1 6 U
AMADOR	25	0.2	10	40,0
BUTTE	2 66	2,4	139	52.2
CA LA VERAS COLUSA	35	0.3	17	48.6
COLUSA CONTRA COSTA	40	0,4	17	42.5
DEL NORTE	3 96 39	3.6	212	53.5
EL DORADO	84	0,4 0,8	17 32	43,6
FRESHO	443	4.0	32 236	38.0 53.3
GLENN	58	0.5	31	53,4
HUMBOLOT	251	2.3	1 28	50, 2
IMPER IA L	72	0.7	31	43,1
INYO	51	0.5	25	49.,0
KERN	360	3.3	175	48.6
K INGS LAKE	86	0.8	41	47.7
LASSEN	45 61	0.4	30	66.7
LOS ANGELES	1,911	0.6 17.5	38	62.3
MADERA	90	0.8	1, 003 45	52,5 50,0
MAR IN	115	1.0	52	45 . 2
MARIPOSA	12	0.1	7	58,3
MEHDOGINO	128	1.2	63	49,2
MERCED	160	1,5	79	49.4
MODOC	30	0,3	18	60.0
MONO MONTEREY	17	0.1	12	70,6
NA PA	163 84	1.5	78	47.9
NE VADA	62	0,8 0,6	48 29	57.1
ORANGE	366	3,3	176	46.8 48.1
PLACER	130	1,2	70	53,8
PLUMAS	44	0.4	22	50,0
RIVERSIDE	157	1,4	80	51.0
SACRAMENTO	609	5,6	334	54.8
SAN BENITO SAN BERNARDINO	18	0,,2	8	44.4
SAM DEGO	23 0 3 86	2.1	140	60,9
SAN FRANCISCO	221	3.5 2.0	210	54.4
SAN JOAQUIN	307	2.8	108 145	48,9 47,2
SAN LUIS OBISPO	120	1.1	71	59,2
SAN MATEO	278	2.5	1 43	51,4
SANTA BARBARA	155	1,4	89	57.4
SAMTA CLARA	450	4.1	218	48.4
SANTA CRUZ SHASTA	82	0.7	39	47.6
SIERRA	245 7	2,2	128	52,2
813K1YOU	145	0.1 1.3	6	85.7
SOLANO	164	1.5	67 78	46.2 47.6
SONCI1A	211	1,9	111	52,6
STANISLAUS	209	1,9	94	45.0
SUTTER	88	0.8	38	43,2
TE HAMA	83	0.8	46	55.4
TRINITY	35	0.3	18	51,4
TULARE TUOLUMNE	217	2.0	106	48.8
VENTURA	43 1 54	0.4 1.4	15	34.9
YOLO	120	1,4 1,1	84 62	54.5
YUBA	92	0.8	02 47	51.7 51.1
OUT OF STATE	Salatany Sport correcting Mary	0.1	4	66.7
TOTAL				
IVIAL	10,946	100,0	5,622	51.4

1 1 20	Secretaries " Secondaries	r i regione e T	were construction	The last of the la		
	344	HUNTERS	BAG	HONTERS	34 g	A- 62 N TESS 5
ALAMEDA	2.465	100	47,700	3,400	13,000	4,700
ALPINE			500	/ 02	alia -	200
AMADOR	1,200	Sea	11,000	900	2400	500
BUTTE	2300	400	28,100	4 100	1800	4/50
CALAVERAS	á,4×4	700	39,600		6,900	1300
COLUSA:			12,400	2,300		
CONTRA COSTA			25.200		\$100	600 255
DEL NORTE	***************************************	Marian Mitter Commission (1971)	, , , , , , , , , , , , , , , , , , ,	VERDI TANGGOVE, 5 -01493KHBVER-5 - H-1008 - 1.15	**************************************	704
EL DORADO		<u> </u>	2,600	700	100	7400
FRESNO		200	<u> </u>	12300	61 474 C. 40 144 CONTRACTOR SON S DE 9 4 5 1 1 1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
GLENN -				- 2200 - 2200	200	100
HUMBOLDT	1,840	600	<u> </u>	1,600		1,950 4,600
IMPERIAL		/ / / / / / / / / / / / / / / / / / / /	13,000	<u> </u>	1 24,000	2.460
INYO			26,800		4,299	16,200
KERN	29.400	5,000	380,700 _	11400	19633	
KINGS	***************************************	***************************************	24,200		9 9 0 6 	1500 200
LAKE	Apparatus anno maria i a campharatus constitutores	***************************************	34,300		<u> </u>	
LASSEN	***************************************	())	206,800	3.500	<u> </u>	71200
LOS ANGELES	3,300	500				***************************************
MADERA	3,100	Jan.	285,100	2.799	23,604	3,000
MARIN:	4007 45 200 4 1444 114 114 114 114 114 114 114 11		7,300	600	2,400	500 11°
MARIPOSA	2.790		227 P			្សី១១ សីខ១
MENDOCINO	. <u></u>	1600	7,800 199,400	1.100 7.400	<u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>	4800
MCRCED	/00	100	<u> </u>	7.700 7.700	20,700 9.000	1,500
MODOC				/152 /152		7 do o
MONO	58,760	1600	34,300 <u></u>	3500	21400	3400
MONTEREY	\$ 0,790		21,200	2,200		100
NAPA	A E.	***************				400
NEVADA	4.5 C.5	<u></u>	<u> 32800</u>	2700	34-200	3.700
ORANGE		COLUMN HAY LAW DAY TO BE STORED THE SECTION OF THE	12.146	2,200	in the second	1300
PLACER	7			1,100	eny majoritra e instrumental aportania. Il 400	600 25
PLUMAS	2600 1,700	600	27,200 144-190	14700	196. 800	Special - Practicality of the special
RIVERSIDE	7.200	500	<u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>	5,400	4 100	1,300
SACRAMENTO		***************************************		933	11 300	1,000
San BENITO	J,200	500	145.700	13,600	149 800	14.700
San BERNARDINO	4,500		97.400	6,700	148700	12,500
San DIEGO						
San FRANCISCO	3,900	400	76,100	1400	1.000	1,200
San JOAQUIN San LUIS OBISPO		2.40 °	48,800	3.740	20 200	3,000
San MATEO	200		760	/00	9,400	Zos
Santa BARBARA	2,400		36.200	<i>3200</i>	24,600	2000
Santa CLARA	4,600	7,300	12,400	1.60	<u> </u>	1300
	17,200	5 5 5 5		724	Ž 2a0	/ 266
Santa CRUZ	15,100	1800	2:700 29:500	1,900	1,940	405
SIERRA	700	100	33000	1000		500
SISKIYOU	70.860		32 000 32 800	1800		1300
SOLANO .			87500	3,700	INTERNATION OF THE CONTROL OF SPECIAL SPACES AND ADDRESS OF THE CONTROL OF THE CO	
SONOMA	16,300	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	22,000	1.000	<u> </u>	1,500
STANISLAUS			37,800	2, 855		4/22
SUTTER			42,900	1700	700	500
TEHAMA:	400		14,900	1		400
TRINITY	2 400	/aa'	4,800	500	<u> </u>	<u> </u>
TULARE	2 3 3 3		72000	1 200		4450
TUOLUMNE			£400.	<u> </u>		206
VENTURA	H. F20	2700	50,720	5,744	74.909.	
XOTO		MT 17 -00- 17 -07 - PRODUCT PRODUCTS	61,300	4800	1300	4,460
YUBA	2.000		7,722	<u></u>	1500	600 23 27
N.G.	/00	4600	37600	2 2 0 0 m	41800	7,900
TOTAL	242,500	38,600	3,232,500	198,700	1,231,900	758,000
10105 km	CE "7 My W W W	and the second		1		1

464		F Prop love day - Self 1863	to the law his south			Grant March Con State of The second	
1	Taglian and the same of the sa	Bucy	400000	BAG	HONTERS	Beg	HATERS
	A 7 77 4% &	Car		60,300	2,700		
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	LPINE	2420	100	2 2 2 1	200	240	160
	ADOR		1,100 3,600	3,000	11,800	35,000	6.600
•	JTTE	A 4200 -	1,200			100	200
•	ALAVERAS	2000		700 286.700	200 21200	34200	16, 200
	DLUSA:	At Sells to	e .	35,700		1,200	700
	ONTRA COSTA	<u></u>	200	10,600	<u> </u>	700	/ 20
	EL NORTE	750	200 2700		the transfer of the state of th	ENTRY COOKENSCHIPMENT MERINGEN CONTRACT OF SECOND SACE	
•	L DORADO	1 6800 2 8800	2700	89500	9300	\$ 900	1,004
	RESNO	200	700	24.700	9.500	35.900	6000
	LENN	3,800		29 000	2,000	6,000	7, C8 a
	JMBOLDT			142,000	15,500	17,750	7,700
_	MPERIAL			23,300	3,200	4.100	904
	MAO	80 Stabsen			7766	4.000	740
	ERN	<u> </u>		47,400.	;		
	INGS	***************************************		1,800		200	7.6.6
	AKE	2630	- 200 l	5 600	<u>, Jeel</u>	7,900	d los c
	ASSEN	40 244 (700)	.,	22,900	4000	500	900
-	OS ANGELES			7,200	<u> </u>		7)
	ADERA	<u> </u>	933	28 700	1300	8 200	700
	ARIN:	# 145 (BOQ	<i>!}</i> -}-	37,600	1350	<u> </u>	400
	ARIPOSA	/.000	<u> </u>			nganga Jimanganggan ayang yeng ng bada nabuntur ter	
23 M	ENDOCINO		200	5500	500	///	1.00
M 45	ERCED			319,100	19000	19.700	<u> 6759</u> £780
25 M	ODOC			<u> </u>	<u> </u>	- F	
	ONO			22,300	2.100	1,800	7,000 200
27 M	ONTEREY	<u> </u>	2,700	6,100	444	***********************************	200
28 N	APA	NO SOUS (200)		22,000	1700		*************************
29 N	EVADA	£ \$ 700		hadda pelitarania processor de la compansa de la co	21 house page		100
30 0	RANGE	torración papa a cito estata de la colonia d	apanus v., harrer - 160 pas - 111 va p b- J	11.900	4.00	specins toward properties consist a second s	
31 P	LACER	DIEMENORANO DE LE COMPONIDAD	4200			** *** ** ** ** ** ** ** ** ** ** ** **	90000000000000000000000000000000000000
	LUMAS	7 4300		11 4 10		1500	3 300
	IVERSIDE			14,500	6000	4300	4 100
34 S	ACRAMENTO		/00			<u> </u>	
	an BENITO			3,500	100		
	an BERNARDINO		***************************************	- 12 700		600	400
	San DIEGO			45,900	3,700	<u>&</u>	
	an FRANCISCO		********			(p. p.; s.) seedes a consent in the second s	
	an JOAQUIN			27 600	4490	<u>II god</u>	<u> </u>
	an LUIS OBISPO	3,700	1,300	14, 700	7. Geo. L	<u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>	452
	San MATEO	1.000		27,300	<u> </u>	****************	
	Santa BARBARA	We seed (Fogs	700			<u></u>	-790
γ	Santa CLARA	1,100	400	#3° #04	1.652	.,	
	Santa CRUZ	No 202 (700)	740	26,700	480	n pangalagan sangang pangan and p	7945
	SHASTA	1 /0 000	4700	26,200	3 7 3 3	4300	
	SIERRA	1,000	200	5,200		<u></u>	8 3 4 4
	SISKIYOU	3000	// 00	34000	/0.500	<u> </u>	
	SOLANO:		, , , , , , , , , , , , , , , , , , , 	142,000	13400	7.830	
	SONOMA	1,800	Jão	<i>33.970</i>	1 2 . Hos 1	200	400
	STANISLAUS	NO 3555 (750)	400	13 4.00	4 / 20	400	
-	SUTTER		144 Pri-4) (4 W. 1864 (4 4 přibří debug (+) p	26,900	<u> </u>	16600	-5500
	ГЕНАМА:	6 6,700	2200	11.600		<u></u>	
	TRINITY	\$ 4,7ee	2/05	many espaining and the and the same and the same			www.s. or blade case, miss resupers its Separate to complete of Finders
	PULARE	10 3 300		5.000	4300	******	100
	TUOLUMNE	11 3 450		Danas addad gabets of a property of a community design			
	VENTURA	**************************************	/5 Å	15.500	1.000		
	YOLO	0 3 (6 7 0 D)	400	94,200			
	YUBA	1200	600	44,600	d Koo j		
. در	NG		100	8.900	6,000 {	1.705	
	To the Land	119,000	40,100	2359 900	320,500	387,000	
	Christians and	Tables III			Direct //O		Paddingen
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A soft	Photo	E224 (2)	Ô.J.A.	1 har	Dove	7
	Beg .	NUNTERS	BA4	HONTERE	BAG	HONTERS
ali i a sa	1700	700	/6,700	1900	46.000	3,300
ALAMEDA		30151.1002.001	1,700	200	Table Parket and Parke	100
ALPINE			31,800	2/44	30,100	1,700
AMADOR		16,200	44 500	4.600	99 500	6200
BUTTE	<u> 56,600</u> t	Sanger A T & Grandstein agent	25,200	3,200		1300
CALAVERAS	***************************************			1,000	19.300	3,640
COLUSA	<u> </u>	14 400	5,100	2,200	100 000	6,000
CONTRA COSTA	7 600		22,000	400		/44
DEL NORTE	45. ;;)uzboquatioopagajvzocią,qjzanija, -4	Martines : - 4 Februar / Sprinters spakes - 5 14 14 14 14 14 14 14	3,700	3,500	11. 6.00	1,000
EL DORADO		-171	26,300	12 300	467,200 2	19,100
FRESNO	76,700		148200	900	47 200	2,960
GLENN	31,100	13,700	A	3,500	2.400	900
HUMBOLDT	1,100	200	34,100		1611,200	35.700
IMPERIAL	35,300		<u>6</u> 2_ <u>1</u> 00	8400	19,100	1,700
INYO	6,900	3,000	<u> 36,800 </u>	3,900	381,300	17,500
KERN	15,500	7100	292 600	22,700	*** ************	3,300
KINGS	14,400	5,700	12,700		76,100	
I.AKE	doo	200	00,700	2.720	27.000	1,900
	5.840	2,200	45,700	3,200	50300	2,400
	4,100	1300	141,300	13,500	39600	7,400
LOS ANGELES	21,300	57700	53200	3,000	94800	3,900
MADERA	2,700	400		1,700	11,100	700
MARIN :	· · · · · · · · · · · · · · · · · · ·		43.84	2,800	7,900	500
MARIPOSA	. @		30,100	3,000	1550	1,200
MENDOCINO	45200	14400	81300	3,000	210,000	2800
MERCED.	73,800	3,000	37 800	2,600	17.100	1100
MODOC		500	10,600	900	20,900	1,300
, MONO	2,000 300	300 300	59900	5,000	82 300	4800
MONTEREY		1 <u>00</u> 7 3 0 0	16.600	1500	29400	4,800
NAPA				2,300	3 22 2	100
MEVADA	negation than the comment of the state of th		20.300	2,800	A A A A A A A A A A A A A A A A A A A	3400
ORANGE		760	52,740	3,500	- 10 M O D	J. COC
PLACER	acronomica en Esperandona.		44,200.	****************	// / 00	
PLUMAS			16,200	3 3 6 6 10 10 10 10 10 10 10 10 10 10 10 10 10 1	292800	18,400
RIVERSIDE	9,700	400	2/2 000	18,400	144 900	7.860
+ SACRAMENTO	57,200	20,000	<u> </u>		***************************************	1,304
	600	500	21,700	/_2dd	44294	8,900
·	7400	1,600	108,500	12,900	164 800	10,000
	2400	1,200	155,400	11,000	178/00	
·	Anna de Alema de Anna de Caracter de la companya d	and the second s			**************************************	7,400
	37.400	18, 73 2.	24 800	4,600	142,500	4900
9 San JOAQUIN		100	44,900	6.00	62500	
San LUIS OBISPO	3,000	્રેંડ્ડ	16,000	1,000	13,300	1,700
l San MATEO			101,000	6,300	78,000	4,300
2 Santa BARBARA	Ž.100	1800	£\$.700.	3,000	1/1500	af 100
3 Santa CLARA			30800	2,200	// 700	1,700
4 Santa CRUZ	7,700			4900	63.40.0	4.300
5 SHASTA	1.190	***	4300	700	12700	200
6 SIERRA	13 400	4800	34 700	2 700	32,600	2,100
7 SISKIYOU	36000		6.100	1,300	49,000	3,400
8 SOLANO			18,300	5,400	46,560	5,000
9 SONOMA	8,300	# # # # # # # # # # # # # # # # # # #	30,900	2 200	164.630	7,940
O STANISLAUS	32200		3300	1,700	80,600	4,400
1 SUTTER	57400			2,300		3 800
2 TEHAMA:	10,600		19,600		5.140	400
3 TRINITY		****	N 506	600 9 Jan		5 11,700
4 TULARE	14 400	· per tot - 1-00 vere tot 1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	134,300	1.920	4 100	Jan
55 TUOLUMNE	200		18,500	8,800		4900
66 VENTURA	2900	1500	103 800 			3, 200
7 YOLO	38,700	14,000		2,300		2 900
58 YUBA	38.700 28.304	7,100				6,050
10 102/2	4300	5 . 2.500		1 100	. 2 15 7 Barthar	770 000
The same of the sa	785, (6)	765, 000	2,747, 700	247600	4911,800	
TOTAL	780, 100		or that I have			es e

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***	and the state of t	_ English	HOMERS		4007866	269	40,4400		
	LAMEDA	annagagementers, editstics, etapina ang	MITETEL PROPERTY CANADASSES	· · · · · · · · · · · · · · · · · · ·	MARIN 44	100		********	
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		Class - *\$.1	100	r			4 1445-4-4 -1444		
	CALAVERAS	**************************************	100	, . sagggdaget w. problem - No. system (blace	. 3-57. haber 19.714444 (41.71 contitues of the		(* 1. m. 1. m. 1.	an De marie de care	
	COLUSA					***************************************	pr. 150594) 2 er - Vindend a - 1 Callinaesses d'a - 100 de - 1		
	CONTRA COSTA	unga ungangkyasuransa safiyasan bersettett		., .,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		200/	100		1
		en - 1 fans gog gene gwandigen, La cy Sar a da sing La	CONSIDER BARE GERMAN SERVENTER STORE : + <	eq (attackvenyspresszar Passorestită) (Ana	eden-encaneur; 1 1826 è épadrés no Royan croda	THE PARTY OF THE P	· 李沙丽· 4200年7月9日 4225日 122 1226年 1220年 1220	i demandent of a large	*
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4	BUTTE	4. Coo	700	- 420 	4000	2800	
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17	LAKE	199	100	900	100	4400	15,630
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