

California Department of Fish and Game

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REPORT OF THE 1988 GAME TAKE HUNTER SURVEY

Hunter game take questionnaires were mailed to 14,236 randomly selected hunting licensees in January 1988. These individuals represent approximately 3.5 percent of the total number of licenses sold (411,204) in 1988. Two follow-up mailings were sent to nonrespondents; the first approximately four weeks, and the second approximately seven weeks after the initial mailing. There were 1,218 questionnaires returned undeliverable, which leaves a total of 13,018 possible respondents. A total of 10,234 persons returned the questionnaires, this represents approximately 2.5 percent of all hunting license buyers, and a response rate of 71.9 percent. It was determined through the analysis of the survey that there was a hunting effort of approximately 411,204 hunting licensees who spent 6,786,520 days in the field.

For the past several years, follow-up mailings to nonrespondents have significantly increased response to the questionnaires. The increase reduces nonresponse bias, the phenomenon of more successful individuals (e.g., hunters) being more inclined to return a questionnaire than unsuccessful or nonparticipating individuals. Nonresponse bias is one of the principal causes of inflated bag and hunter-use figures in surveys of this type. However, statistical analysis of survey data indicates high validity for species pursued by large numbers of hunters.

| <u>Hunters From License Sales*</u> | <u>1987</u> | <u>1988</u> | <u>Percent<br/>Change<br/>From 1987</u> |
|------------------------------------|-------------|-------------|-----------------------------------------|
| Hunting Licenses                   | 436,294     | 411,204     | -5.8                                    |
| Deer Hunters (applications)        | 232,118     | 219,412     | -5.5                                    |
| Deer Tags                          | 288,648     | 260,805     | -9.6                                    |
| Bear Tags                          | 12,350      | 12,561      | +1.7                                    |
| Federal Duck Stamps                | 89,893      | 72,631      | -19.2                                   |
| State Duck Stamps                  | 89,217      | 79,301      | -11.1                                   |

\* Estimates

## HUNTING REGULATION CHANGES

### Ducks and Geese

The season and bag limits were unchanged from 1987 for geese, but underwent severe modifications for ducks. Overall limit was reduced from five to four, mallard limit was reduced from four to three, pintail limit was reduced from four to one, canvasback season was closed, the season was shortened from 79 to 59 days and starting shoottime was changed from one-half hour before sunrise to sunrise. Steel-shot zones also continued to expand. All these changes contributed to a decline in duck stamp sales and a large reduction in duck harvest.

### Pheasants

The data regarding wild pheasant hunting are not comparable to the data from the years 1981-1987, and are grossly inflated. Unforeseen circumstances resulted in licensed pheasant club and wild pheasant hunting data being combined, as was done prior to 1981.

Due to a typographical error, data regarding all hunting in Monterey and Napa counties are unreliable. As a result of this error, the results for Monterey County are overestimated and the results for Napa County are underestimated.

### Deer

| <u>Zone or Hunt #</u> | <u>Change from 1987</u>                                                                                                                                               |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| B-3                   | One week was added to the end of the season.                                                                                                                          |
| D-5                   | One week was added to the end of the season, and the number of permits was reduced from 28,000 to 24,000.                                                             |
| D-6                   | One week was added to the end of the season.                                                                                                                          |
| X-2                   | Number of permits was reduced from 1,200 to 1,100.                                                                                                                    |
| X-4                   | Number of permits was reduced from 1,900 to 1,700.                                                                                                                    |
| X-5a(1)               | Number of permits was reduced from 70 to 60.                                                                                                                          |
| X-5a(2)               | Number of permits was reduced from 250 to 225.                                                                                                                        |
| X-5b(1)               | Number of permits was reduced from 80 to 70.                                                                                                                          |
| X-5b(2)               | Number of permits was reduced from 525 to 400.                                                                                                                        |
| X-5c(1)               | Number of permits was reduced from 90 to 65.                                                                                                                          |
| X-5c(2)               | Number of permits was reduced from 800 to 700.                                                                                                                        |
| X-6                   | Number of permits was increased from 3,000 to 3,200.                                                                                                                  |
| X-7a                  | Number of permits was reduced from 1,550 to 1,300.                                                                                                                    |
| X-7b                  | Number of permits was reduced from 510 to 425.                                                                                                                        |
| X-12                  | Number of permits was reduced from 1,500 to 1,000.                                                                                                                    |
| S-5                   | Number of permits was increased from 265 to 280, and a week was added to the beginning of the season.                                                                 |
| S-6                   | S-6 hunt was added to provide 60 permits to take antlerless deer during an 8-day season beginning the last Monday in August.                                          |
| S-10                  | Number of permits was increased from 180 to 500, changed the bag limit for military tags to either-sex deer, and two weeks were added to the beginning of the season. |

# SAGE GROUSE

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|                      |       |       |        |
|----------------------|-------|-------|--------|
| Statewide Bag        | 816   | 1,800 | 120.6% |
| Hunters Reported     | 816   | 1,480 | 81.4%  |
| Average Seasonal Bag | 1.0   | 1.2   | 20.0%  |
| Total Days Hunted    | 1,224 | 2,520 | 105.9% |
| Average Days Hunted  | 1.5   | 1.7   | 13.3%  |

# BLUE/RUFFED GROUSE

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|                      |        |        |        |
|----------------------|--------|--------|--------|
| Statewide Bag        | 8,024  | 7,120  | -11.3% |
| Hunters Reported     | 5,576  | 5,760  | 3.3%   |
| Average Seasonal Bag | 1.4    | 1.2    | -14.3% |
| Total Days Hunted    | 17,918 | 19,040 | 6.3%   |
| Average Days Hunted  | 3.2    | 3.3    | 3.1%   |

# JACK RABBITS

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|                      |         |         |       |
|----------------------|---------|---------|-------|
| Statewide Bag        | 234,362 | 349,520 | 49.1% |
| Hunters Reported     | 34,068  | 38,960  | 14.4% |
| Average Seasonal Bag | 6.9     | 9.0     | 30.4% |
| Total Days Hunted    | 232,628 | 359,720 | 54.6% |
| Average Days Hunted  | 6.8     | 9.2     | 35.3% |

# COTTONTAIL/BRUSH RABBITS

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|                      |         |         |       |
|----------------------|---------|---------|-------|
| Statewide Bag        | 244,324 | 249,040 | 1.9%  |
| Hunters Reported     | 39,406  | 40,080  | 1.7%  |
| Average Seasonal Bag | 6.2     | 6.2     | .0%   |
| Total Days Hunted    | 207,570 | 265,240 | 27.8% |
| Average Days Hunted  | 5.3     | 6.6     | 24.5% |

# TREE SQUIRRELS

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|                      |         |         |        |
|----------------------|---------|---------|--------|
| Statewide Bag        | 151,164 | 130,680 | -13.6% |
| Hunters Reported     | 34,680  | 30,400  | -12.3% |
| Average Seasonal Bag | 4.4     | 4.3     | -2.3%  |
| Total Days Hunted    | 168,844 | 174,240 | 3.2%   |
| Average Days Hunted  | 4.9     | 5.7     | 16.3%  |

# WILD TURKEY

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|                      |        |        |       |
|----------------------|--------|--------|-------|
| Statewide Bag        | 7,004  | 8,760  | 25.1% |
| Hunters Reported     | 17,347 | 22,840 | 31.7% |
| Average Seasonal Bag | .4     | .4     | .0%   |
| Total Days Hunted    | 54,230 | 78,920 | 45.5% |
| Average Days Hunted  | 3.1    | 3.5    | 12.9% |

## DUCKS

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|                      |           |         |        |
|----------------------|-----------|---------|--------|
| Statewide Bag        | 1,512,150 | 813,080 | -46.2% |
| Hunters Reported     | 91,858    | 68,800  | -25.1% |
| Average Seasonal Bag | 16.5      | 11.8    | -28.5% |
| Total Days Hunted    | 714,578   | 530,120 | -25.8% |
| Average Days Hunted  | 7.8       | 7.7     | -1.3%  |

## GEESE

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|                      |         |         |        |
|----------------------|---------|---------|--------|
| Statewide Bag        | 116,008 | 91,520  | -21.1% |
| Hunters Reported     | 38,794  | 31,400  | -19.1% |
| Average Seasonal Bag | 3.0     | 2.9     | -3.3%  |
| Total Days Hunted    | 269,926 | 298,480 | 10.6%  |
| Average Days Hunted  | 7.0     | 9.5     | 35.7%  |

## DEER (Hunter Survey)

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|                     |           |           |       |
|---------------------|-----------|-----------|-------|
| Statewide Bag       | 53,278    | 68,840    | 29.2% |
| Hunters Reported    | 254,728   | 312,520   | 22.7% |
| Total Days Hunted   | 1,646,280 | 2,181,280 | 32.5% |
| Average Days Hunted | 6.5       | 7.0       | 7.7%  |

## DEER (Tag Returns)

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|                |         |         |       |
|----------------|---------|---------|-------|
| Statewide Bag  | 25,864  | 25,112  | -2.9% |
| Deer Tag Sales | 277,116 | 260,805 | -5.9% |

## BEAR (Hunter Survey)

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|                     |        |         |       |
|---------------------|--------|---------|-------|
| Statewide Bag       | 1,666  | 1,960   | 17.6% |
| Hunters Reported    | 11,832 | 10,914  | -7.8% |
| Total Days Hunted   | 71,842 | 106,160 | 47.8% |
| Average Days Hunted | 6.1    | 9.7     | 59.0% |

## BEAR (Tag Returns)

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|                |        |        |       |
|----------------|--------|--------|-------|
| Statewide Bag  | 1,448  | 1,359  | -6.1% |
| Bear Tag Sales | 11,971 | 12,561 | 4.9%  |

## WILD PIGS

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|                     |         |         |       |
|---------------------|---------|---------|-------|
| Statewide Bag       | 41,310  | 59,360  | 43.7% |
| Hunters Reported    | 44,472  | 57,160  | 28.5% |
| Total Days Hunted   | 247,010 | 405,200 | 64.0% |
| Average Days Hunted | 5.6     | 7.1     | 26.8% |

| <u>Zone or Hunt #</u> | <u>Change from 1987</u>                                                                                                                 |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| S-16                  | Number of permits was reduced from 150 muzzle-loading and 50 archery to 140 muzzle-loading and 45 archery.                              |
| S-17                  | Bag and possession limit was changed from either-sex deer to one forked horn buck or better per season.                                 |
| S-22                  | Season was moved one week later.                                                                                                        |
| S-25                  | Hunt was repealed.                                                                                                                      |
| S-26                  | Hunt was repealed.                                                                                                                      |
| S-27                  | Hunt area was changed to align with more recognizable landmarks.                                                                        |
| S-29                  | S-29 hunt was added with 300 permits to take either-sex deer beginning the second Saturday in October and extending through January 31. |

TABLE 1  
BAG AND HUNTER EFFORT BY SPECIES

| UPLAND GAME          |           |           |                     |
|----------------------|-----------|-----------|---------------------|
|                      | 1987      | 1988      | Change<br>From 1987 |
| -----                | ----      | ----      | -----               |
| PHEASANTS            |           |           |                     |
| -----                |           |           |                     |
| Statewide Bag        | 260,950   | 659,000   | 152.5%              |
| Hunters Reported     | 86,938    | 116,120   | 33.6%               |
| Average Seasonal Bag | 3.0       | 5.7       | 90.0%               |
| Total Days Hunted    | 349,758   | 562,440   | 60.8%               |
| Average Days Hunted  | 4.0       | 4.8       | 20.0%               |
| QUAIL                |           |           |                     |
| -----                |           |           |                     |
| Statewide Bag        | 923,270   | 1,241,560 | 34.5%               |
| Hunters Reported     | 103,666   | 115,600   | 11.5%               |
| Average Seasonal Bag | 8.9       | 10.7      | 20.2%               |
| Total Days Hunted    | 477,292   | 690,440   | 44.7%               |
| Average Days Hunted  | 4.6       | 6.0       | 30.4%               |
| DOVES                |           |           |                     |
| -----                |           |           |                     |
| Statewide Bag        | 1,935,586 | 2,110,360 | 9.0%                |
| Hunters Reported     | 134,776   | 141,360   | 4.9%                |
| Average Seasonal Bag | 14.4      | 14.9      | 3.5%                |
| Total Days Hunted    | 485,520   | 588,120   | 21.1%               |
| Average Days Hunted  | 3.6       | 4.2       | 16.7%               |
| BAND-TAILED PIGEONS  |           |           |                     |
| -----                |           |           |                     |
| Statewide Bag        | 66,912    | 40,560    | -39.4%              |
| Hunters Reported     | 14,756    | 12,560    | -14.9%              |
| Average Seasonal Bag | 4.5       | 3.2       | -28.9%              |
| Total Days Hunted    | 39,542    | 34,560    | -12.6%              |
| Average Days Hunted  | 2.7       | 2.8       | 3.7%                |
| CHUKAR PARTRIDGE     |           |           |                     |
| -----                |           |           |                     |
| Statewide Bag        | 32,402    | 59,360    | 83.2%               |
| Hunters Reported     | 12,240    | 14,960    | 22.2%               |
| Average Seasonal Bag | 2.6       | 4.0       | 53.8%               |
| Total Days Hunted    | 46,206    | 67,440    | 46.0%               |
| Average Days Hunted  | 3.8       | 4.5       | 18.4%               |

TABLE 2  
SUMMARY OF STATEWIDE BAG - 1988

| Species<br>-----         | Yearly Average<br>1976-1980<br>----- | 1987<br>---- | 1988<br>---- | Change<br>From<br>1987<br>----- |
|--------------------------|--------------------------------------|--------------|--------------|---------------------------------|
| Pheasant                 | 532,350                              | 260,950      | 659,000      | 152.5%                          |
| Quail                    | 1,799,010                            | 923,270      | 1,241,560    | 34.5%                           |
| Dove                     | 3,361,600                            | 1,935,586    | 2,110,360    | 9.0%                            |
| Chukar Partridge         | 88,070                               | 32,402       | 59,360       | 83.2%                           |
| Sage Grouse              | 4,580                                | 816          | 1,800        | 120.6%                          |
| Blue/Ruffed Grouse       | 9,240                                | 8,024        | 7,120        | -11.3%                          |
| Band-Tailed Pigeons      | 140,750                              | 66,912       | 40,560       | -39.4%                          |
| Wild Turkeys             | 2,600                                | 7,004        | 8,760        | 25.1%                           |
| Jack Rabbits             | 807,330                              | 234,362      | 349,520      | 49.1%                           |
| Cottontail/Brush Rabbits | 544,110                              | 244,324      | 249,040      | 1.9%                            |
| Tree Squirrels           | 240,190                              | 151,164      | 130,680      | -13.6%                          |
| Ducks                    | 2,955,290                            | 1,512,150    | 813,080      | -46.2%                          |
| Geese                    | 185,330                              | 116,008      | 91,520       | -21.1%                          |
| Jacksnipe                | 68,600                               | 11,118       | 25,200       | 126.7%                          |
| Coots                    | 309,060                              | 50,660       | 23,080       | -54.4%                          |
| Deer (Hunter Survey)     | 73,170                               | 53,278       | 68,840       | 29.2%                           |
| Deer (Tag Returns)       | 33,230                               | 25,864       | 25,112       | -2.9%                           |
| Bear (Hunter Survey)     | 2,090                                | 1,666        | 1,960        | 17.6%                           |
| Bear (Tag Returns)       | 600                                  | 1,448        | 1,359        | -6.1%                           |
| Wild Pigs                | 28,460                               | 41,310       | 59,360       | 43.7%                           |

TABLE 3

## REPORTED HUNTING LICENSE AND TAG SALES, HUNTER HARVEST AND EFFORT - 1978-1988

| LICENSE & TAG SALES      | 1978*     | 1979      | 1980      | 1981      | 1982      | 1983      | 1984      | 1985      | 1986      | 1987      | 1988      |
|--------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Hunting License          | 532,000   | 522,443   | 553,124   | 540,000   | 532,000   | 533,728   | 487,804   | 488,770   | 456,681   | 421,289   | 411,204   |
| Deer Hunters             | 287,900   | 283,897   | 294,400   | 303,251   | 306,768   | 278,906   | 253,725   | 260,262   | 210,933   | 254,728   | 312,520   |
| Deer Tags                | 377,300   | 361,500   | 377,300   | 380,216   | 383,036   | 355,581   | 317,855   | 314,810   | 295,220   | 232,048   | 260,805   |
| Bear Tags                | 16,745    | 21,847    | 27,347    | 31,486    | 25,859    | 14,378    | 11,077    | 11,944    | 9,864     | 11,971    | 12,561    |
| Duck Stamps (Federal)    | 124,191   | 122,764   | 114,825   | 108,367   | 109,258   | 109,654   | 107,736   | 93,253    | 93,123    | 89,893    | 72,631    |
| Duck Stamps (State)      | 127,234   | 114,028   | 111,786   | 102,853   | 105,144   | 106,806   | 98,785    | 97,021    | 91,377    | 89,158    | 79,301    |
| STATE-WIDE BAG           |           |           |           |           |           |           |           |           |           |           |           |
| Deer (Buck Tag Returns)  | 30,889    | 36,415    | 32,377    | 42,231    | 32,520    | 26,886    | 32,190    | 31,651    | 30,253    | 25,864    | 25,112    |
| Deer (Hunter Survey)     | 69,300    | 70,100    | 61,060    | 83,030    | 55,780    | 51,800    | 57,492    | 69,384    | 65,484    | 53,278    | 68,840    |
| Bear (Tag Return)        | 655       | 731       | 655       | 766       | 783       | 601       | 770       | 1,138     | 1,035     | 1,448     | 1,359     |
| Bear (Hunter Survey)     | 1,700     | 2,800     | 2,970     | 1,440     | 1,180     | 970       | 1,116     | 1,617     | 1,224     | 1,666     | 1,960     |
| Wild Pigs                | 27,300    | 21,200    | 29,710    | 36,670    | 26,300    | 35,600    | 40,392    | 34,741    | 56,447    | 41,310    | 59,360    |
| Pheasants                | 493,700   | 562,600   | 586,650   | 375,330   | 317,000   | 442,200   | 379,440   | 308,847   | 241,128   | 260,950   | 659,000   |
| Quail                    | 1,781,100 | 2,021,900 | 2,030,760 | 1,151,490 | 1,172,950 | 1,410,220 | 1,004,436 | 1,110,585 | 1,095,072 | 923,270   | 1,241,560 |
| Doves                    | 3,326,600 | 3,369,400 | 3,262,410 | 3,336,920 | 3,272,560 | 2,738,660 | 2,551,572 | 2,640,610 | 2,018,376 | 1,935,586 | 2,110,360 |
| Chukar Partridge         | 96,800    | 136,300   | 111,540   | 45,990    | 32,720    | 67,850    | 42,408    | 50,764    | 38,709    | 32,402    | 59,360    |
| Blue and Ruffed Grouse   | 9,200     | 9,300     | 10,020    | 9,250     | 7,790     | 4,320     | 7,668     | 9,947     | 6,222     | 8,024     | 7,120     |
| Sage Grouse              | 4,000     | 5,000     | 6,280     | 4,660     | 3,190     |           | CLOSED    |           |           | 816       | 1,800     |
| Band-tailed Pigeons      | 136,500   | 183,300   | 132,830   | 213,860   | 118,220   | 153,590   | 125,892   | 77,714    | 65,229    | 66,912    | 40,560    |
| Jack Rabbits             | 757,100   | 956,300   | 901,750   | 726,680   | 568,560   | 569,850   | 527,616   | 365,981   | 250,155   | 234,382   | 349,520   |
| Cottontail/Brush Rabbits | 463,400   | 621,300   | 636,740   | 477,370   | 345,720   | 441,690   | 462,024   | 313,257   | 261,681   | 244,324   | 249,040   |
| Free Squirrels           | 241,600   | 191,300   | 167,360   | 246,830   | 165,340   | 141,400   | 116,064   | 188,356   | 131,325   | 151,164   | 130,680   |
| Ducks                    | 267,300   | 2,376,800 | 2,038,850 | 1,623,740 | 1,531,740 | 1,741,050 | 1,566,324 | 1,693,244 | 1,202,529 | 1,512,150 | 813,080   |
| Geese                    | 188,600   | 115,700   | 108,830   | 137,750   | 100,210   | 160,630   | 145,152   | 201,586   | 91,086    | 116,008   | 91,520    |
| Coots                    | 274,600   | 322,000   | 251,420   | 172,570   | 153,250   | 161,460   | 145,764   | 93,492    | 33,660    | 50,660    | 23,080    |
| Jacksnipe                | 72,700    | 61,000    | 50,700    | 33,520    | 29,300    | 22,500    | 43,848    | 24,304    | 15,045    | 11,118    | 25,200    |
| Wild Turkeys             | 2,800     | 1,600     | 4,085     | 4,550     | 4,830     | 4,050     | 5,652     | 7,791     | 9,690     | 7,004     | 8,760     |
| Mountain Lion            |           |           |           |           |           |           |           |           |           |           |           |
| (Tag Returns)            |           |           |           |           |           |           |           |           |           |           |           |
| NUMBER HUNTER DAYS       | 6,941,800 | 7,380,900 | 7,256,680 | 8,145,920 | 7,610,600 | 7,833,340 | 7,090,560 | 6,905,668 | 5,495,097 | 5,288,700 | 6,786,520 |

\*1978 - This was the first year that the deer tag option was established.



## STATEWIDE HUNTERS

|                          | 1978    | 1979    | 1980    | 1981    | 1982    | 1983    | 1984    | 1985    | 1986    | 1987    | 1988    |
|--------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Deer (Applications Sold) | 287,900 | 283,897 | 294,400 | 299,217 | 306,770 | 278,906 | 253,725 | 260,262 | 295,220 | 232,048 | 219,412 |
| Deer (Hunter Survey)     | 295,100 | 291,100 | 304,950 | 385,500 | 384,000 | 361,330 | 286,884 | 323,596 | 300,543 | 254,728 | 312,520 |
| Bear (Applications Sold) | 16,745  | 21,847  | 27,347  | 31,486  | 25,859  | 14,378  | 11,077  | 11,944  | 9,864   | 11,971  | 12,561  |
| Bear (Hunter Survey)     | 19,600  | 19,500  | 20,810  | 22,530  | 19,880  | 13,850  | 11,880  | 14,406  | 10,914  | 11,832  | 16,520  |
| Wild Pigs                | 27,800  | 23,900  | 27,900  | 32,780  | 31,610  | 39,380  | 36,108  | 45,129  | 49,929  | 44,472  | 57,160  |
| Pheasants                | 155,500 | 144,500 | 146,760 | 132,200 | 123,240 | 137,220 | 146,808 | 115,248 | 82,824  | 86,938  | 116,120 |
| Quail                    | 141,400 | 147,100 | 150,580 | 151,330 | 125,250 | 145,310 | 133,992 | 125,439 | 108,018 | 103,666 | 115,600 |
| Dove                     | 184,200 | 187,400 | 189,030 | 206,020 | 204,970 | 175,350 | 173,160 | 165,571 | 138,669 | 134,776 | 141,360 |
| Chukar Partridge         | 19,900  | 26,100  | 26,920  | 16,280  | 13,870  | 19,230  | 19,260  | 15,925  | 14,382  | 12,240  | 14,960  |
| Blue and Ruffed Grouse   | 6,600   | 6,600   | 7,050   | 6,330   | 5,850   | 5,200   | 5,724   | 6,958   | 4,947   | 5,576   | 5,760   |
| Sage Grouse              | 4,400   | 5,000   | 5,670   | 5,770   | 4,370   | -----   | -----   | -----   | -----   | 816     | 1,480   |
| Band-tailed Pigeon       | 22,000  | 25,400  | 24,510  | 29,970  | 22,760  | 25,350  | 25,812  | 18,130  | 14,790  | 14,756  | 12,560  |
| Jack Rabbits             | 76,300  | 80,400  | 79,380  | 73,300  | 61,670  | 64,630  | 60,480  | 42,581  | 32,589  | 34,068  | 38,960  |
| Cottontail/Brush Rabbit  | 64,300  | 78,000  | 79,980  | 72,780  | 58,670  | 67,850  | 64,548  | 46,697  | 40,137  | 39,406  | 40,080  |
| Tree Squirrels           | 52,400  | 43,800  | 43,690  | 52,610  | 42,140  | 38,360  | 32,940  | 40,376  | 32,742  | 34,680  | 30,400  |
| Ducks                    | 131,200 | 124,200 | 114,590 | 119,990 | 105,830 | 113,070 | 131,940 | 118,237 | 86,598  | 91,868  | 68,800  |
| Geese                    | 56,900  | 48,100  | 48,890  | 49,000  | 48,100  | 54,510  | 58,104  | 61,446  | 37,689  | 38,794  | 31,400  |
| Coots                    | 19,800  | 18,700  | 17,540  | 14,210  | 11,660  | 12,880  | 12,636  | 7,497   | 4,488   | 4,556   | 2,800   |
| Jacksnipe                | 10,100  | 9,600   | 7,570   | 5,250   | 4,900   | 4,000   | 5,076   | 3,724   | 1,938   | 1,972   | 3,040   |
| Wild Turkey              | 7,100   | 6,000   | 10,240  | 12,730  | 13,790  | 13,110  | 16,092  | 16,023  | 16,524  | 17,374  | 22,840  |

TABLE 5  
TABLE 5 - MAJOR SPECIES GAME BAG - 1988  
(Ten Leading Counties)

| PHEASANTS           | % OF<br>STATE<br>TOTAL | POSITION<br>1987 | JACK RABBITS               | % OF<br>STATE<br>TOTAL | POSITION<br>1987 |
|---------------------|------------------------|------------------|----------------------------|------------------------|------------------|
| 1. Solano           | 14.9                   | 9                | 1. San Bernardino          | 14.1                   | 2                |
| 2. Butte            | 9.3                    | 3                | 2. Kern                    | 12.4                   | 1                |
| 3. Riverside        | 7.9                    | 11               | 3. Monterey                | 7.4                    | 14               |
| 4. Sutter           | 6.7                    | 8                | 4. Modoc                   | 7.0                    | 25               |
| 5. Colusa           | 6.0                    | 1                | 5. San Joaquin             | 5.3                    | 5                |
| 6. San Joaquin      | 5.5                    | 4                | 6. Siskiyou                | 4.7                    | 16               |
| 7. Sacramento       | 5.3                    | 7                | 7. Lassen                  | 3.7                    | 8                |
| 8. Yolo             | 4.1                    | 2                | 8. San Diego               | 3.6                    | 11               |
| 9. Stanislaus       | 3.6                    | 10               | 9. Riverside               | 3.4                    | 3                |
| 10. Merced          | 3.3                    | 5                | 10. Tulare                 | 2.9                    | 4                |
| Total 10 counties   | 66.6                   |                  | Total 10 counties          | 64.5                   |                  |
| All All Others      | 33.4                   |                  | All Others                 | 35.5                   |                  |
| QUAIL               |                        |                  | RABBITS (COTTONTAIL/BRUSH) |                        |                  |
| 1. Kern             | 13.5                   | 1                | 1. Kern                    | 17.0                   | 1                |
| 2. Santa Barbara    | 6.6                    | 6                | 2. San Bernardino          | 10.6                   | 2                |
| 3. San Bernardino   | 5.8                    | 2                | 3. San Diego               | 10.6                   | 5                |
| 4. San Luis Obispo  | 5.6                    | 4                | 4. Riverside               | 6.9                    | 3                |
| 5. Monterey         | 5.3                    | 8                | 5. Santa Barbara           | 6.4                    | 11               |
| 6. Fresno           | 4.6                    | 7                | 6. Los Angeles             | 5.0                    | 4                |
| 7. Riverside        | 4.1                    | 3                | 7. Monterey                | 4.2                    | 8                |
| 8. Imperial         | 3.7                    | 12               | 8. Imperial                | 3.9                    | 12               |
| 9. Tulare           | 3.6                    | 5                | 9. Tulare                  | 3.7                    | 6                |
| 10. San Diego       | 3.5                    | 43               | 10. San Luis Obispo        | 3.6                    | 14               |
| Total 10 counties   | 56.3                   |                  | Total 10 counties          | 71.9                   |                  |
| All Others          | 43.7                   |                  | All Others                 | 28.1                   |                  |
| DOVES               |                        |                  | DUCKS                      |                        |                  |
| 1. Kern             | 12.3                   | 1                | 1. Merced                  | 16.5                   | 1                |
| 2. Imperial         | 12.1                   | 2                | 2. Colusa                  | 12.7                   | 2                |
| 3. Fresno           | 8.2                    | 4                | 3. Butte                   | 6.0                    | 3                |
| 4. Tulare           | 7.4                    | 3                | 4. Fresno                  | 4.5                    | 7                |
| 5. Riverside        | 7.0                    | 5                | 5. Solano                  | 4.2                    | 4                |
| 6. San Joaquin      | 4.0                    | 7                | 6. Sutter                  | 3.3                    | 6                |
| 7. Butte            | 3.0                    | 13               | 7. Sacramento              | 3.3                    | 8                |
| 8. Merced           | 2.9                    | 6                | 8. Glenn                   | 3.2                    | 9                |
| 9. San Luis Obispo  | 2.8                    | 16               | 9. Yolo                    | 3.1                    | 57               |
| 10. San Bernardino  | 2.5                    | 9                | 10. Siskiyou               | 3.0                    | 47               |
| Total 10 counties   | 62.2                   |                  | Total 10 counties          | 59.8                   |                  |
| All Others          | 37.8                   |                  | All Others                 | 40.2                   |                  |
| BAND-TAILED PIGEONS |                        |                  | GEESE                      |                        |                  |
| 1. Monterey         | 16.2                   | 1                | 1. Colusa                  | 17.4                   | 1                |
| 2. Butte            | 8.3                    | 13               | 2. Modoc                   | 14.3                   | 3                |
| 3. Shasta           | 8.2                    | 4                | 3. Imperial                | 12.3                   | 10               |
| 4. Siskiyou         | 8.1                    | 3                | 4. Siskiyou                | 7.6                    | 7                |
| 5. Mendocino        | 6.1                    | 8                | 5. Lassen                  | 6.0                    | 5                |
| 6. San Diego        | 5.1                    | 5                | 6. Butte                   | 5.6                    | 4                |
| 7. Kern             | 3.8                    | 21               | 7. Glenn                   | 5.5                    | 2                |
| 8. Trinity          | 3.5                    | 20               | 8. Merced                  | 4.6                    | 6                |
| 9. San Luis Obispo  | 3.2                    | 2                | 9. Riverside               | 2.7                    | 15               |
| 10. Tehama          | 2.7                    | 39               | 10. Shasta                 | 2.3                    | 17               |
| Total 10 counties   | 65.2                   |                  | Total 10 counties          | 78.3                   |                  |
| All others          | 34.8                   |                  | All others                 | 21.7                   |                  |

DISTRIBUTION OF MAJOR GAME SPECIES BY ADMINISTRATIVE REGION\*

(Percentage of State Bag)

[illegible]

TABLE 7  
DISTRIBUTION OF HUNTER EFFORT BY GAME SPECIES - 1988

| Species                      | Number of Individual Hunters |             |         | Percent Of<br>Total Individual Hunters |             |       |
|------------------------------|------------------------------|-------------|---------|----------------------------------------|-------------|-------|
|                              | Sucessful                    | Unsucessful | Total   | Sucessful                              | Unsucessful | Total |
| Deer                         | 63,000                       | 249,520     | 312,520 | 15.0%                                  | 59.6%       | 74.6% |
| Bear                         | 1,960                        | 14,560      | 16,520  | .5%                                    | 3.5%        | 3.9%  |
| Wild Pig                     | 23,040                       | 34,120      | 57,160  | 5.5%                                   | 8.1%        | 13.6% |
| Coyote                       | 15,560                       | 10,440      | 26,000  | 3.7%                                   | 2.5%        | 6.2%  |
| Bobcat                       | 880                          | 1,200       | 2,080   | .2%                                    | .3%         | .5%   |
| Crow                         | 5,640                        | 1,320       | 6,960   | 1.3%                                   | .3%         | 1.7%  |
| Pheasant                     | 90,280                       | 25,840      | 116,120 | 21.6%                                  | 6.2%        | 27.7% |
| Chukar Partridge             | 8,920                        | 6,040       | 14,960  | 2.1%                                   | 1.4%        | 3.6%  |
| Quail                        | 89,600                       | 26,000      | 115,600 | 21.4%                                  | 6.2%        | 27.6% |
| Doves                        | 126,960                      | 14,400      | 141,360 | 30.3%                                  | 3.4%        | 33.7% |
| Band-tailed<br>Pigeons       | 7,280                        | 5,280       | 12,560  | 1.8%                                   | 1.3%        | 3.1%  |
| Blue/Ruffed<br>Grouse        | 3,360                        | 2,400       | 5,760   | .8%                                    | .6%         | 1.4%  |
| Jack Rabbits                 | 32,320                       | 6,640       | 38,960  | 7.9%                                   | 1.6%        | 9.6%  |
| Tree Squirrels               | 24,440                       | 5,960       | 30,400  | 6.0%                                   | 1.5%        | 7.5%  |
| Cottontail/<br>Brush Rabbits | 33,440                       | 6,640       | 40,137  | 8.2%                                   | 1.6%        | 9.9%  |
| Wild Turkeys                 | 6,880                        | 15,960      | 22,840  | 1.7%                                   | 3.9%        | 5.6%  |
| Ducks                        | 57,560                       | 11,240      | 68,800  | 14.2%                                  | 2.8%        | 16.9% |
| Geese                        | 19,920                       | 11,480      | 31,400  | 4.9%                                   | 2.8%        | 7.7%  |
| Jack Snipe                   | 2,600                        | 440         | 3,040   | .6%                                    | .1%         | .7%   |
| Coots                        | 2,360                        | 440         | 2,800   | .6%                                    | .1%         | .7%   |

Total Individual Hunters - 406,720

Due to one hunter often hunting multiple species, percent total exceed 100% and hunter numbers exceed the total number of individual hunters reported.

TABLE 8  
HUNTER SUCCESS 1960-1988  
As Reported by Hunter Survey Respondents  
(In Percent)

|      | Did Not Hunt<br>----- | Hunted<br>Unsuccessfully<br>----- | Hunted<br>Successfully<br>----- |
|------|-----------------------|-----------------------------------|---------------------------------|
| 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                              |
| 1978 | 14                    | 24                                | 62                              |
| 1979 | 14                    | 22                                | 63                              |
| 1980 | 11                    | 26                                | 64                              |
| 1981 | 13                    | 29                                | 58                              |
| 1982 | 12                    | 32                                | 56                              |
| 1983 | 12                    | 31                                | 57                              |
| 1984 | 14                    | 27                                | 59                              |
| 1985 | 13                    | 28                                | 59                              |
| 1986 | 13                    | 30                                | 57                              |
| 1987 | 17                    | 26                                | 57                              |
| 1988 | 10                    | 29                                | 61                              |

TABLE 9

STATEWIDE BAG, HUNTERS, AND HUNTER DAYS - UPLAND GAME  
BLUE/RUFFED GROUSE

## DOVES

## PIGEON

## TURKEY

| COUNTY          | BAG     | HUNTERS | DAYS   | BAG   | HUNTERS | DAYS  | BAG   | HUNTERS | DAYS  | BAG   | HUNTERS | DAYS   |
|-----------------|---------|---------|--------|-------|---------|-------|-------|---------|-------|-------|---------|--------|
| ALAMEDA         | 10,560  | 560     | 1,840  | 0     | 0       | 0     | 0     | 0       | 0     | 0     | 160     | 1,520  |
| ALPINE          | 1,880   | 160     | 480    | 0     | 0       | 0     | 0     | 0       | 0     | 0     | 40      | 40     |
| AMADOR          | 8,800   | 760     | 1,720  | 160   | 80      | 160   | 160   | 40      | 160   | 80    | 240     | 1,200  |
| BUTTE           | 63,600  | 5,160   | 21,360 | 3,360 | 640     | 2,040 | 0     | 40      | 40    | 560   | 1,760   | 8,080  |
| CALAVARAS       | 10,560  | 1,080   | 3,960  | 1,000 | 160     | 520   | 0     | 40      | 200   | 360   | 1,360   | 4,240  |
| COLUSA          | 35,600  | 2,800   | 7,080  | 120   | 40      | 80    | 0     | 0       | 0     | 0     | 0       | 0      |
| CONTRA COST     | 21,120  | 1,160   | 4,880  | 800   | 40      | 400   | 0     | 0       | 0     | 0     | 0       | 0      |
| DEL NORTE       | 1,320   | 120     | 760    | 360   | 200     | 760   | 240   | 200     | 680   | 0     | 0       | 0      |
| EL DORADO       | 11,520  | 800     | 3,640  | 720   | 120     | 320   | 40    | 80      | 200   | 240   | 720     | 2,200  |
| FRESNO          | 173,760 | 8,400   | 36,880 | 480   | 160     | 240   | 40    | 80      | 80    | 80    | 280     | 1,000  |
| GLENN           | 36,400  | 2,360   | 9,880  | 0     | 0       | 0     | 0     | 40      | 40    | 40    | 240     | 440    |
| HUMBOLDT        | 0       | 0       | 0      | 880   | 200     | 760   | 1,040 | 560     | 1,680 | 40    | 80      | 400    |
| IMPERIAL        | 256,080 | 15,320  | 65,320 | 240   | 40      | 80    | 0     | 0       | 0     | 0     | 40      | 400    |
| INYO            | 17,040  | 1,960   | 5,920  | 0     | 0       | 0     | 0     | 80      | 120   | 0     | 0       | 0      |
| KERN            | 259,520 | 13,880  | 60,480 | 1,520 | 720     | 1,480 | 0     | 0       | 0     | 40    | 280     | 680    |
| KINGS           | 42,960  | 2,680   | 8,520  | 680   | 80      | 120   | 0     | 0       | 0     | 0     | 0       | 0      |
| LAKE            | 9,880   | 760     | 3,720  | 40    | 120     | 80    | 0     | 0       | 0     | 80    | 520     | 1,600  |
| LASSEN          | 19,840  | 1,880   | 5,240  | 160   | 40      | 80    | 520   | 280     | 1,120 | 0     | 280     | 1,080  |
| LOS ANGELES     | 19,400  | 2,200   | 8,520  | 160   | 200     | 320   | 0     | 0       | 0     | 0     | 40      | 40     |
| MADERA          | 42,000  | 2,680   | 9,240  | 560   | 80      | 160   | 40    | 40      | 40    | 40    | 160     | 120    |
| MARIN           | 920     | 120     | 680    | 0     | 0       | 0     | 0     | 0       | 0     | 0     | 80      | 80     |
| MARIPOSA        | 7,720   | 560     | 1,880  | 0     | 80      | 120   | 0     | 0       | 0     | 0     | 40      | 40     |
| MENDOCINO       | 5,480   | 640     | 2,040  | 2,480 | 600     | 3,480 | 240   | 280     | 400   | 560   | 1,280   | 4,200  |
| MERCED          | 60,400  | 5,200   | 17,680 | 0     | 0       | 0     | 0     | 0       | 0     | 0     | 120     | 160    |
| MODOC           | 8,640   | 600     | 3,520  | 0     | 0       | 0     | 800   | 320     | 1,040 | 0     | 0       | 0      |
| MONO            | 760     | 80      | 560    | 0     | 0       | 0     | 0     | 40      | 160   | 0     | 0       | 0      |
| MONTEREY        | 44,640  | 3,960   | 10,560 | 6,560 | 1,840   | 4,400 | 0     | 0       | 0     | 320   | 1,160   | 3,000  |
| NAPA            | 320     | 40      | 80     | 0     | 0       | 0     | 0     | 0       | 0     | 0     | 0       | 0      |
| NEVADA          | 2,680   | 280     | 680    | 0     | 80      | 80    | 560   | 280     | 960   | 440   | 840     | 2,240  |
| ORANGE          | 3,960   | 200     | 2,960  | 0     | 0       | 0     | 0     | 0       | 0     | 0     | 0       | 0      |
| PLACER          | 19,240  | 1,320   | 5,400  | 560   | 240     | 800   | 80    | 120     | 480   | 720   | 1,600   | 6,480  |
| PLUMAS          | 7,000   | 440     | 3,200  | 720   | 240     | 680   | 200   | 280     | 1,320 | 0     | 80      | 240    |
| RIVERSIDE       | 146,640 | 8,480   | 48,120 | 680   | 280     | 520   | 0     | 0       | 0     | 0     | 0       | 0      |
| SACRAMENTO      | 26,880  | 1,640   | 7,400  | 320   | 80      | 640   | 0     | 0       | 0     | 40    | 80      | 160    |
| SAN BENITO      | 12,000  | 1,000   | 3,120  | 0     | 0       | 0     | 0     | 0       | 0     | 320   | 480     | 1,320  |
| SAN BERNARDINO  | 52,560  | 4,760   | 20,880 | 400   | 280     | 1,240 | 0     | 0       | 0     | 0     | 40      | 160    |
| SAN DIEGO       | 25,200  | 2,080   | 9,640  | 2,080 | 880     | 1,720 | 0     | 0       | 0     | 0     | 0       | 0      |
| SAN FRANCISCO   | 0       | 0       | 0      | 0     | 0       | 0     | 0     | 0       | 0     | 0     | 0       | 0      |
| SAN JOAQUIN     | 84,560  | 6,240   | 25,480 | 120   | 120     | 720   | 0     | 0       | 0     | 0     | 0       | 0      |
| SAN LUIS OBISPO | 59,120  | 4,320   | 16,440 | 1,280 | 720     | 1,160 | 0     | 0       | 0     | 1,200 | 1,800   | 5,720  |
| SAN MATEO       | 7,640   | 280     | 1,880  | 520   | 80      | 440   | 0     | 0       | 0     | 0     | 0       | 0      |
| SANTA BARBARA   | 42,920  | 2,480   | 11,880 | 880   | 600     | 1,040 | 0     | 0       | 0     | 0     | 120     | 480    |
| SANTA CLARA     | 9,760   | 800     | 2,720  | 120   | 160     | 320   | 0     | 0       | 0     | 40    | 400     | 1,560  |
| SANTA CRUZ      | 6,040   | 280     | 1,400  | 80    | 80      | 80    | 0     | 0       | 0     | 40    | 40      | 40     |
| SHASTA          | 14,880  | 1,080   | 5,200  | 3,320 | 640     | 2,080 | 320   | 160     | 240   | 920   | 2,200   | 11,200 |
| SIERRA          | 200     | 80      | 160    | 640   | 80      | 400   | 0     | 440     | 1,320 | 0     | 120     | 320    |
| SISKIYOU        | 14,440  | 1,480   | 4,840  | 3,280 | 480     | 1,400 | 1,000 | 1,000   | 3,720 | 40    | 320     | 800    |
| SOLANO          | 12,400  | 880     | 4,000  | 640   | 80      | 240   | 0     | 0       | 0     | 40    | 80      | 240    |
| SONOMA          | 11,760  | 920     | 4,840  | 640   | 280     | 560   | 0     | 0       | 0     | 280   | 400     | 1,360  |
| STANISLAUS      | 48,160  | 4,160   | 16,600 | 0     | 0       | 0     | 0     | 0       | 0     | 80    | 240     | 400    |
| SUTTER          | 24,560  | 2,240   | 8,160  | 0     | 0       | 0     | 0     | 0       | 0     | 0     | 0       | 0      |
| TEHAMA          | 42,880  | 3,240   | 11,640 | 1,080 | 240     | 520   | 0     | 0       | 0     | 1,160 | 2,400   | 7,480  |
| TRINITY         | 3,000   | 280     | 2,560  | 1,400 | 360     | 1,920 | 1,120 | 760     | 3,480 | 0     | 200     | 640    |
| TULARE          | 156,440 | 7,520   | 37,480 | 640   | 400     | 560   | 0     | 80      | 80    | 80    | 240     | 800    |
| TUOLUMNE        | 6,680   | 640     | 2,840  | 600   | 280     | 640   | 440   | 240     | 760   | 40    | 200     | 480    |
| VENTURA         | 21,400  | 1,480   | 6,560  | 200   | 280     | 280   | 0     | 0       | 0     | 0     | 0       | 0      |
| YOLO            | 33,240  | 2,720   | 9,360  | 0     | 0       | 0     | 0     | 0       | 0     | 80    | 120     | 240    |
| YUBA            | 25,960  | 2,040   | 6,720  | 0     | 0       | 0     | 0     | 0       | 0     | 760   | 1,520   | 5,240  |
| UNKNOWN         | 17,440  | 2,080   | 9,520  | 80    | 160     | 920   | 0     | 40      | 80    | 40    | 440     | 720    |

TABLE 9

| COUNTY          | CROW     |         |        |         | STATEWIDE BAG, HUNTERS, AND HIRERS DAYS - UPLAND GAME |         |           |         | CHUKAR PARTRIDGE |        |         |        |
|-----------------|----------|---------|--------|---------|-------------------------------------------------------|---------|-----------|---------|------------------|--------|---------|--------|
|                 | PHEASANT |         |        |         | QUAIL                                                 |         |           |         |                  |        |         |        |
|                 | BAG      | HUNTERS | DAYS   | BAG     | HUNTERS                                               | DAYS    | BAG       | HUNTERS | DAYS             | BAG    | HUNTERS | DAYS   |
| ALAMEDA         | 80       | 40      | 80     | 640     | 480                                                   | 1,000   | 5,960     | 720     | 2,640            | 0      | 0       | 0      |
| ALPINE          | 720      | 80      | 440    | 120     | 80                                                    | 1,280   | 1,480     | 480     | 2,880            | 0      | 0       | 0      |
| AMADOR          | 0        | 0       | 0      | 4,080   | 400                                                   | 2,040   | 6,240     | 880     | 5,160            | 120    | 80      | 4,000  |
| BUTTE           | 1,040    | 200     | 720    | 61,480  | 8,760                                                 | 49,280  | 11,560    | 2,000   | 11,480           | 0      | 0       | 0      |
| CALAVARAS       | 0        | 0       | 0      | 3,920   | 520                                                   | 1,560   | 14,000    | 1,520   | 10,520           | 240    | 40      | 40     |
| COLUSA          | 0        | 0       | 0      | 39,560  | 8,200                                                 | 38,560  | 5,320     | 840     | 1,800            | 160    | 120     | 160    |
| CONTRA COST     | 120      | 40      | 80     | 11,480  | 2,240                                                 | 7,120   | 1,960     | 240     | 840              | 0      | 0       | 0      |
| DEL NORTE       | 0        | 0       | 0      | 0       | 0                                                     | 0       | 1,200     | 360     | 2,200            | 0      | 0       | 0      |
| EL DORADO       | 0        | 0       | 0      | 800     | 120                                                   | 120     | 13,840    | 1,560   | 8,720            | 480    | 40      | 80     |
| FRESNO          | 1,480    | 320     | 1,680  | 9,400   | 3,720                                                 | 12,360  | 56,920    | 4,000   | 23,720           | 1,760  | 520     | 1,840  |
| GLENN           | 1,920    | 160     | 1,280  | 19,160  | 4,400                                                 | 22,360  | 6,960     | 880     | 5,120            | 80     | 40      | 80     |
| HUMBOLDT        | 0        | 40      | 40     | 800     | 160                                                   | 480     | 16,320    | 1,800   | 9,200            | 0      | 0       | 0      |
| IMPERIAL        | 0        | 0       | 0      | 2,480   | 2,120                                                 | 10,040  | 45,440    | 4,040   | 26,680           | 240    | 80      | 120    |
| INYO            | 120      | 40      | 80     | 440     | 280                                                   | 960     | 11,800    | 2,080   | 13,680           | 4,440  | 1,720   | 9,920  |
| KERN            | 6,760    | 520     | 3,440  | 17,400  | 4,280                                                 | 15,920  | 167,360   | 10,560  | 76,560           | 15,400 | 4,000   | 22,000 |
| KINGS           | 600      | 160     | 360    | 1,480   | 1,120                                                 | 3,160   | 2,120     | 400     | 1,240            | 0      | 40      | 0      |
| LAKE            | 0        | 0       | 0      | 80      | 40                                                    | 120     | 15,160    | 1,760   | 10,520           | 0      | 0       | 0      |
| LASSEN          | 0        | 0       | 0      | 3,560   | 1,000                                                 | 3,240   | 16,160    | 1,640   | 10,400           | 12,600 | 2,240   | 8,000  |
| LOS ANGELES     | 280      | 120     | 480    | 7,080   | 880                                                   | 2,280   | 36,040    | 3,880   | 27,400           | 400    | 240     | 680    |
| MADERA          | 800      | 240     | 1,120  | 1,800   | 1,360                                                 | 4,280   | 12,920    | 1,680   | 5,320            | 0      | 0       | 0      |
| MARIN           | 0        | 0       | 0      | 6,560   | 600                                                   | 3,400   | 9,400     | 960     | 7,080            | 240    | 40      | 40     |
| MARTINEZA       | 0        | 0       | 0      | 280     | 120                                                   | 400     | 35,440    | 4,040   | 25,240           | 800    | 40      | 400    |
| MENDOCINO       | 160      | 80      | 5,040  | 1,120   | 200                                                   | 1,400   | 8,600     | 920     | 3,400            | 1,040  | 240     | 800    |
| MERCED          | 720      | 200     | 960    | 22,000  | 6,080                                                 | 27,840  | 11,240    | 1,320   | 4,960            | 2,280  | 360     | 2,000  |
| MODOC           | 0        | 0       | 0      | 1,920   | 1,040                                                 | 4,320   | 3,320     | 520     | 1,080            | 120    | 240     | 240    |
| MONO            | 0        | 0       | 0      | 0       | 0                                                     | 0       | 65,720    | 5,680   | 31,120           | 920    | 200     | 520    |
| MONTEREY        | 320      | 40      | 40     | 9,840   | 1,160                                                 | 4,840   | 40        | 40      | 320              | 0      | 0       | 0      |
| NAPA            | 0        | 0       | 0      | 0       | 0                                                     | 0       | 3,400     | 560     | 3,720            | 160    | 40      | 80     |
| NEVADA          | 0        | 0       | 0      | 800     | 120                                                   | 320     | 3,000     | 240     | 680              | 0      | 0       | 0      |
| ORANGE          | 0        | 80      | 5,000  | 2,040   | 240                                                   | 1,880   | 10,920    | 960     | 5,040            | 400    | 40      | 200    |
| PLACER          | 40       | 40      | 40     | 14,320  | 1,960                                                 | 13,800  | 16,600    | 1,640   | 12,040           | 0      | 40      | 600    |
| PLUMAS          | 0        | 0       | 0      | 800     | 80                                                    | 1,120   | 51,400    | 5,400   | 26,720           | 1,280  | 280     | 1,080  |
| RIVERSIDE       | 2,000    | 240     | 3,280  | 52,160  | 4,760                                                 | 21,560  | 32,640    | 680     | 3,840            | 1,440  | 120     | 760    |
| SACRAMENTO      | 360      | 80      | 2,200  | 35,080  | 5,880                                                 | 4,440   | 14,360    | 1,280   | 4,920            | 480    | 400     | 1,560  |
| SAN BENITO      | 40       | 40      | 40     | 6,560   | 680                                                   | 4,400   | 72,160    | 7,720   | 46,400           | 6,960  | 1,840   | 6,920  |
| SAN BERNARDINO  | 2,800    | 360     | 1,720  | 12,080  | 1,000                                                 | 4,480   | 43,600    | 3,680   | 23,680           | 0      | 0       | 0      |
| SAN DIEGO       | 360      | 240     | 2,320  | 3,640   | 360                                                   | 1,680   | 0         | 0       | 0                | 0      | 0       | 0      |
| SAN FRANCISCO   | 0        | 0       | 0      | 0       | 0                                                     | 0       | 9,880     | 1,720   | 8,840            | 1,720  | 120     | 680    |
| SAN JOAQUIN     | 11,280   | 720     | 4,480  | 36,040  | 8,360                                                 | 40,880  | 69,320    | 4,880   | 27,040           | 600    | 320     | 1,280  |
| SAN LUIS OBISPO | 320      | 80      | 80     | 2,680   | 320                                                   | 1,600   | 82,320    | 4,440   | 35,200           | 0      | 0       | 0      |
| SAN MATEO       | 0        | 0       | 0      | 0       | 0                                                     | 0       | 4,080     | 800     | 2,000            | 120    | 40      | 40     |
| SANTA BARBARA   | 1,400    | 360     | 1,840  | 4,360   | 400                                                   | 1,520   | 30,040    | 2,000   | 15,920           | 0      | 0       | 0      |
| SANTA CLARA     | 0        | 0       | 0      | 4,200   | 680                                                   | 3,320   | 34,640    | 3,280   | 23,480           | 0      | 80      | 160    |
| SANTA CRUZ      | 0        | 0       | 0      | 80      | 40                                                    | 800     | 6,680     | 840     | 3,480            | 1,600  | 240     | 320    |
| SHASTA          | 40       | 40      | 40     | 1,240   | 360                                                   | 920     | 10,760    | 1,320   | 5,800            | 560    | 160     | 360    |
| SIERRA          | 0        | 80      | 40     | 0       | 0                                                     | 0       | 6,080     | 680     | 4,320            | 240    | 40      | 80     |
| SISKIYOU        | 0        | 0       | 0      | 4,680   | 2,080                                                 | 7,640   | 23,760    | 2,800   | 10,360           | 0      | 0       | 0      |
| SOLANO          | 0        | 0       | 0      | 98,080  | 9,880                                                 | 56,200  | 24,400    | 2,240   | 23,000           | 200    | 40      | 40     |
| SONOMA          | 160      | 80      | 400    | 15,000  | 1,320                                                 | 7,920   | 44,600    | 3,960   | 21,560           | 40     | 120     | 240    |
| STANISLAUS      | 15,360   | 880     | 4,560  | 23,600  | 5,040                                                 | 22,080  | 44,200    | 2,040   | 11,600           | 400    | 120     | 160    |
| SUTTER          | 6,720    | 280     | 1,920  | 44,200  | 6,400                                                 | 42,840  | 23,760    | 2,800   | 10,360           | 560    | 80      | 280    |
| TEHAMA          | 1,880    | 200     | 720    | 8,280   | 2,200                                                 | 10,240  | 24,400    | 2,240   | 23,000           | 240    | 40      | 40     |
| TRINITY         | 1,000    | 80      | 800    | 440     | 40                                                    | 120     | 44,600    | 3,960   | 21,560           | 600    | 80      | 280    |
| TULARE          | 1,280    | 400     | 1,600  | 6,920   | 3,720                                                 | 15,600  | 32,960    | 3,360   | 16,600           | 280    | 40      | 40     |
| TUOLUMNE        | 0        | 0       | 0      | 360     | 240                                                   | 520     | 32,960    | 3,360   | 16,600           | 240    | 40      | 40     |
| VENTURA         | 920      | 120     | 4,360  | 1,040   | 5,240                                                 | 26,560  | 6,560     | 1,040   | 5,640            | 280    | 240     | 200    |
| YOLO            | 120      | 80      | 80     | 26,960  | 2,160                                                 | 7,960   | 15,240    | 1,320   | 690,440          | 59,360 | 14,960  | 67,440 |
| YUBA            | 400      | 120     | 400    | 17,200  | 2,960                                                 | 15,240  | 1,241,560 | 115,600 | 690,440          | 280    | 240     | 200    |
| UNKNOWN         | 0        | 80      | 440    | 659,000 | 116,120                                               | 562,440 | 0         | 0       | 0                | 0      | 0       | 0      |
| TOTAL           | 61,600   | 6,960   | 52,200 | 659,000 | 116,120                                               | 562,440 | 1,241,560 | 115,600 | 690,440          | 59,360 | 14,960  | 67,440 |

TABLE 9

STATEWIDE BAG, HUNTERS, AND HUNTER DAYS - UPLAND/OTHER GAME

JACKRABBIT

COTTONTAIL

TREE SQUIRREL

COYOTE

BOBCAT

| COUNTY          | BAG     | HUNTERS | DAYS    | BAG     | HUNTERS | DAYS    | BAG     | HUNTERS | DAYS    | BAG    | HUNTERS | DAYS    | BAG   | HUNTERS | DAYS   |
|-----------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|---------|---------|-------|---------|--------|
| ALAMEDA         | 640     | 280     | 4,640   | 1,560   | 160     | 680     | 0       | 40      | 160     | 120    | 160     | 480     | 0     | 0       | 0      |
| ALPINE          | 0       | 80      | 640     | 1,000   | 120     | 600     | 800     | 200     | 1,040   | 440    | 80      | 6,000   | 0     | 0       | 0      |
| AMADOR          | 120     | 40      | 200     | 1,000   | 120     | 920     | 1,480   | 720     | 3,440   | 80     | 120     | 1,240   | 0     | 0       | 0      |
| BUTTE           | 2,600   | 720     | 17,400  | 1,000   | 320     | 1,800   | 6,600   | 1,680   | 7,120   | 240    | 440     | 15,240  | 0     | 0       | 0      |
| CALAVARAS       | 160     | 80      | 600     | 440     | 120     | 720     | 3,480   | 1,000   | 5,440   | 1,480  | 480     | 3,680   | 40    | 40      | 40     |
| COLUSA          | 4,240   | 840     | 3,520   | 320     | 160     | 240     | 0       | 0       | 0       | 280    | 240     | 2,960   | 0     | 0       | 0      |
| CONTRA COST     | 280     | 80      | 200     | 0       | 0       | 0       | 0       | 0       | 0       | 360    | 280     | 1,200   | 0     | 0       | 0      |
| DEL NORTE       | 0       | 0       | 0       | 360     | 40      | 3,600   | 0       | 200     | 1,560   | 40     | 80      | 680     | 40    | 40      | 40     |
| EL DORADO       | 7,400   | 200     | 5,440   | 360     | 160     | 840     | 5,800   | 1,120   | 4,560   | 1,280  | 240     | 6,240   | 0     | 0       | 0      |
| FRESNO          | 7,400   | 1,080   | 5,440   | 5,280   | 920     | 3,840   | 6,880   | 1,360   | 8,040   | 2,120  | 880     | 7,040   | 40    | 40      | 160    |
| GLENN           | 3,200   | 520     | 2,080   | 240     | 80      | 200     | 1,080   | 400     | 1,760   | 40     | 280     | 320     | 0     | 40      | 80     |
| HUMBOLDT        | 1,960   | 240     | 960     | 360     | 200     | 600     | 1,640   | 560     | 2,520   | 80     | 80      | 1,400   | 0     | 0       | 0      |
| IMPERIAL        | 4,480   | 1,160   | 9,640   | 8,800   | 1,640   | 11,320  | 0       | 0       | 0       | 560    | 400     | 1,680   | 0     | 0       | 0      |
| INYO            | 8,440   | 1,080   | 9,480   | 5,800   | 1,240   | 9,160   | 0       | 0       | 0       | 960    | 520     | 2,680   | 0     | 0       | 0      |
| KERN            | 43,160  | 4,000   | 30,920  | 35,520  | 4,800   | 31,480  | 9,400   | 2,120   | 8,320   | 2,840  | 1,440   | 8,200   | 160   | 160     | 1,760  |
| KINGS           | 4,440   | 640     | 4,200   | 2,200   | 280     | 1,200   | 1,160   | 160     | 920     | 160    | 320     | 2,280   | 0     | 0       | 0      |
| LAKE            | 2,520   | 240     | 5,040   | 520     | 160     | 640     | 4,000   | 680     | 5,320   | 200    | 240     | 4,880   | 0     | 0       | 0      |
| LASSEN          | 12,880  | 1,320   | 8,640   | 5,800   | 1,360   | 6,280   | 1,840   | 480     | 3,320   | 3,120  | 1,200   | 8,960   | 80    | 120     | 400    |
| LOS ANGELES     | 8,400   | 1,440   | 12,080  | 14,040  | 1,920   | 15,040  | 0       | 0       | 0       | 440    | 520     | 2,040   | 0     | 0       | 0      |
| MADERA          | 2,200   | 360     | 1,840   | 1,120   | 520     | 2,440   | 1,960   | 640     | 5,480   | 400    | 240     | 680     | 0     | 0       | 0      |
| MARIN           | 40      | 40      | 40      | 0       | 0       | 0       | 120     | 40      | 80      | 200    | 80      | 920     | 0     | 0       | 0      |
| MARIPOSA        | 400     | 40      | 400     | 1,440   | 200     | 680     | 2,920   | 760     | 4,640   | 400    | 240     | 1,880   | 0     | 40      | 40     |
| MENDOCINO       | 2,400   | 680     | 3,560   | 680     | 280     | 1,040   | 5,680   | 1,280   | 5,320   | 960    | 720     | 21,520  | 0     | 40      | 3,600  |
| MERCED          | 3,080   | 1,000   | 5,560   | 5,800   | 1,000   | 5,640   | 0       | 40      | 160     | 3,320  | 600     | 9,880   | 0     | 0       | 0      |
| MODOC           | 24,440  | 1,000   | 9,160   | 4,040   | 760     | 5,240   | 1,920   | 360     | 2,280   | 1,920  | 920     | 3,520   | 200   | 120     | 1,400  |
| MONO            | 5,800   | 200     | 2,200   | 1,440   | 320     | 2,000   | 0       | 0       | 0       | 880    | 360     | 800     | 0     | 40      | 80     |
| MONTEREY        | 25,720  | 1,120   | 21,280  | 9,280   | 1,680   | 8,880   | 4,120   | 1,040   | 5,840   | 800    | 680     | 7,840   | 0     | 80      | 160    |
| NAPA            | 0       | 40      | 160     | 0       | 0       | 0       | 2,880   | 640     | 4,440   | 0      | 40      | 800     | 0     | 0       | 0      |
| NEVADA          | 320     | 120     | 880     | 0       | 0       | 0       | 0       | 0       | 0       | 0      | 0       | 0       | 0     | 0       | 0      |
| ORANGE          | 200     | 80      | 40      | 80      | 120     | 80      | 0       | 0       | 0       | 0      | 0       | 0       | 0     | 0       | 0      |
| PLACER          | 960     | 200     | 9,000   | 520     | 120     | 240     | 5,560   | 760     | 4,000   | 1,680  | 240     | 12,560  | 0     | 40      | 320    |
| PLUMAS          | 480     | 160     | 840     | 440     | 200     | 360     | 2,480   | 680     | 4,680   | 1,040  | 520     | 21,640  | 0     | 0       | 0      |
| RIVERSIDE       | 11,800  | 1,600   | 11,000  | 20,080  | 2,720   | 21,680  | 0       | 0       | 0       | 3,280  | 1,000   | 21,640  | 80    | 160     | 3,120  |
| SACRAMENTO      | 1,840   | 400     | 3,480   | 1,280   | 240     | 1,280   | 1,600   | 160     | 440     | 200    | 120     | 240     | 0     | 0       | 0      |
| SAN BENITO      | 320     | 80      | 760     | 1,560   | 560     | 1,600   | 1,080   | 120     | 440     | 600    | 320     | 1,280   | 40    | 40      | 40     |
| SAN BERNARDINO  | 49,400  | 4,760   | 39,000  | 31,960  | 4,280   | 24,920  | 0       | 0       | 0       | 4,560  | 1,960   | 13,400  | 0     | 40      | 40     |
| SAN DIEGO       | 12,560  | 1,680   | 15,600  | 20,440  | 2,600   | 22,360  | 0       | 0       | 0       | 1,400  | 1,280   | 10,720  | 40    | 200     | 2,080  |
| SAN FRANCISCO   | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0      | 0       | 0       | 0     | 0       | 0      |
| SAN JOAQUIN     | 18,480  | 1,480   | 25,240  | 4,040   | 640     | 4,800   | 6,440   | 240     | 6,680   | 1,280  | 400     | 1,680   | 0     | 0       | 0      |
| SAN LUIS OBISPO | 7,240   | 600     | 5,280   | 7,480   | 1,240   | 6,200   | 1,880   | 320     | 1,680   | 600    | 560     | 2,560   | 120   | 80      | 120    |
| SAN MATEO       | 0       | 0       | 0       | 5,600   | 360     | 2,640   | 0       | 0       | 0       | 240    | 40      | 200     | 0     | 0       | 0      |
| SANTA BARBARA   | 4,320   | 840     | 8,360   | 14,360  | 1,360   | 17,440  | 0       | 0       | 0       | 11,200 | 760     | 17,640  | 80    | 80      | 520    |
| SANTA CLARA     | 680     | 160     | 840     | 680     | 120     | 760     | 400     | 200     | 360     | 200    | 280     | 1,160   | 80    | 80      | 200    |
| SANTA CRUZ      | 280     | 40      | 0       | 760     | 160     | 720     | 160     | 80      | 600     | 200    | 80      | 440     | 0     | 0       | 0      |
| SHASTA          | 1,520   | 320     | 2,040   | 240     | 120     | 240     | 7,760   | 1,400   | 11,800  | 800    | 440     | 3,320   | 0     | 0       | 0      |
| SIERRA          | 240     | 80      | 80      | 320     | 120     | 160     | 2,080   | 440     | 2,840   | 240    | 240     | 520     | 0     | 40      | 0      |
| SISKIYOU        | 16,400  | 920     | 10,640  | 2,400   | 520     | 2,120   | 8,280   | 1,840   | 10,280  | 1,920  | 1,000   | 7,560   | 0     | 80      | 560    |
| SOLANO          | 7,480   | 920     | 2,920   | 80      | 120     | 400     | 40      | 40      | 40      | 240    | 40      | 400     | 0     | 0       | 0      |
| SONOMA          | 2,800   | 400     | 4,320   | 120     | 40      | 120     | 1,000   | 360     | 6,360   | 400    | 360     | 2,960   | 160   | 120     | 160    |
| STANISLAUS      | 4,920   | 1,000   | 5,920   | 7,400   | 1,120   | 4,600   | 2,280   | 360     | 1,840   | 840    | 360     | 2,320   | 0     | 0       | 0      |
| SUTTER          | 7,920   | 720     | 5,240   | 3,160   | 520     | 2,080   | 480     | 120     | 400     | 440    | 200     | 880     | 0     | 0       | 0      |
| TEHAMA          | 4,960   | 520     | 3,880   | 0       | 40      | 40      | 6,480   | 1,880   | 7,680   | 1,560  | 720     | 4,200   | 0     | 0       | 0      |
| TRINITY         | 1,120   | 320     | 2,880   | 80      | 40      | 80      | 3,520   | 1,160   | 9,280   | 560    | 200     | 14,960  | 80    | 40      | 1,600  |
| TULARE          | 9,960   | 1,000   | 14,720  | 7,680   | 1,400   | 14,720  | 4,640   | 2,000   | 8,280   | 1,440  | 840     | 19,120  | 120   | 160     | 560    |
| TUOLUMNE        | 640     | 240     | 2,040   | 360     | 160     | 1,360   | 6,760   | 1,680   | 8,960   | 1,200  | 440     | 19,560  | 0     | 0       | 0      |
| VENTURA         | 2,040   | 680     | 11,480  | 7,160   | 1,480   | 14,000  | 0       | 0       | 0       | 4,720  | 560     | 19,280  | 40    | 40      | 40     |
| YOLO            | 2,240   | 440     | 4,720   | 1,120   | 240     | 1,600   | 0       | 40      | 400     | 8,200  | 280     | 7,400   | 0     | 0       | 0      |
| YUBA            | 80      | 80      | 80      | 400     | 240     | 1,600   | 2,760   | 520     | 3,880   | 240    | 200     | 1,160   | 0     | 40      | 400    |
| UNKNOWN         | 1,920   | 560     | 3,120   | 1,360   | 640     | 0       | 360     | 400     | 1,160   | 160    | 640     | 6,120   | 0     | 80      | 1,280  |
| TOTAL           | 348,520 | 38,960  | 359,720 | 249,040 | 40,080  | 265,240 | 130,680 | 30,400  | 174,240 | 73,160 | 26,000  | 921,040 | 1,400 | 1,800   | 18,800 |



TABLE 9

## STATEWIDE BAG INTERS, AND HUNTER DAYS - WATERFOWL

## GESE

## DUCKS

## JACK SNIPES

## GOTS

| COUNTY          | BAG     | HUNTERS | DAYS    | BAG    | HUNTERS | DAYS    | BAG    | HUNTERS | DAYS   | BAG    | HUNTERS | DAYS   |
|-----------------|---------|---------|---------|--------|---------|---------|--------|---------|--------|--------|---------|--------|
| ALAMEDA         | 9,520   | 840     | 7,560   | 160    | 160     | 920     | 160    | 40      | 40     | 2,160  | 80      | 40     |
| ALPINE          | 1,040   | 120     | 1,960   | 240    | 40      | 1,520   | 0      | 0       | 0      | 0      | 0       | 0      |
| AMADOR          | 360     | 80      | 40      | 320    | 120     | 120     | 0      | 0       | 0      | 0      | 0       | 0      |
| BUTTE           | 49,400  | 4,480   | 39,200  | 5,160  | 2,280   | 31,280  | 560    | 80      | 280    | 960    | 80      | 80     |
| CALAVARAS       | 5,600   | 320     | 1,760   | 720    | 200     | 1,040   | 0      | 0       | 0      | 0      | 0       | 0      |
| COLUSA          | 103,000 | 7,880   | 62,600  | 15,880 | 4,480   | 51,640  | 2,320  | 280     | 1,040  | 3,880  | 360     | 2,800  |
| CONTRA COST     | 21,880  | 1,400   | 12,240  | 280    | 240     | 5,200   | 0      | 40      | 1,520  | 80     | 40      | 1,480  |
| DEL NORTE       | 2,360   | 240     | 1,880   | 0      | 0       | 0       | 0      | 0       | 0      | 0      | 0       | 0      |
| EL DORADO       | 40      | 160     | 200     | 0      | 40      | 0       | 0      | 0       | 0      | 0      | 0       | 0      |
| FRESNO          | 36,640  | 2,640   | 18,920  | 400    | 400     | 5,320   | 760    | 40      | 0      | 0      | 0       | 0      |
| GLENN           | 25,680  | 1,720   | 14,800  | 5,040  | 1,080   | 15,560  | 600    | 200     | 640    | 800    | 80      | 360    |
| HUMBOLDT        | 8,680   | 520     | 4,280   | 120    | 120     | 440     | 4,440  | 200     | 1,280  | 1,600  | 80      | 640    |
| IMPERIAL        | 23,720  | 3,240   | 14,400  | 11,240 | 2,400   | 22,280  | 360    | 120     | 240    | 1,200  | 200     | 560    |
| INYO            | 3,120   | 840     | 5,800   | 440    | 480     | 4,680   | 0      | 0       | 0      | 0      | 0       | 0      |
| KERN            | 23,480  | 2,760   | 17,360  | 440    | 440     | 3,840   | 80     | 80      | 80     | 1,800  | 240     | 1,360  |
| KINGS           | 1,440   | 320     | 1,480   | 200    | 200     | 760     | 0      | 0       | 0      | 120    | 40      | 120    |
| LAKE            | 2,040   | 320     | 1,840   | 0      | 80      | 800     | 80     | 40      | 200    | 80     | 40      | 200    |
| LASSEN          | 8,840   | 1,280   | 9,120   | 5,520  | 1,560   | 10,600  | 0      | 0       | 0      | 40     | 40      | 40     |
| LOS ANGELES     | 4,960   | 160     | 3,120   | 160    | 120     | 2,960   | 80     | 40      | 40     | 0      | 0       | 0      |
| MADERA          | 2,720   | 480     | 2,520   | 320    | 240     | 2,280   | 0      | 0       | 0      | 0      | 0       | 0      |
| MARIN           | 2,800   | 320     | 1,800   | 0      | 0       | 0       | 0      | 0       | 0      | 0      | 0       | 0      |
| MARIPOSA        | 1,400   | 160     | 880     | 160    | 80      | 320     | 0      | 0       | 0      | 0      | 0       | 0      |
| MENDOCINO       | 5,760   | 360     | 2,800   | 0      | 0       | 0       | 0      | 0       | 0      | 0      | 0       | 0      |
| MERCED          | 134,120 | 6,880   | 60,880  | 4,240  | 2,080   | 24,960  | 5,000  | 520     | 3,680  | 4,920  | 240     | 3,160  |
| MODOC           | 16,040  | 2,040   | 12,240  | 13,040 | 2,960   | 18,400  | 240    | 40      | 640    | 40     | 40      | 40     |
| MONO            | 1,040   | 160     | 520     | 0      | 40      | 120     | 120    | 40      | 40     | 0      | 0       | 0      |
| MONTEREY        | 8,160   | 1,160   | 6,160   | 40     | 40      | 480     | 320    | 40      | 600    | 0      | 40      | 400    |
| NAPA            | 0       | 0       | 0       | 80     | 40      | 0       | 0      | 0       | 0      | 0      | 0       | 0      |
| NEVADA          | 1,920   | 280     | 2,320   | 40     | 160     | 1,320   | 0      | 0       | 0      | 0      | 0       | 0      |
| ORANGE          | 0       | 0       | 0       | 40     | 40      | 40      | 0      | 0       | 0      | 0      | 0       | 0      |
| PLACER          | 4,600   | 400     | 3,760   | 320    | 280     | 2,320   | 680    | 160     | 320    | 0      | 0       | 0      |
| PLUMAS          | 4,120   | 600     | 3,760   | 640    | 560     | 1,320   | 160    | 80      | 80     | 120    | 40      | 40     |
| RIVERSIDE       | 21,160  | 1,680   | 13,160  | 2,440  | 920     | 8,680   | 0      | 0       | 0      | 40     | 40      | 40     |
| SACRAMENTO      | 26,440  | 2,040   | 18,560  | 1,720  | 840     | 7,960   | 0      | 0       | 0      | 80     | 80      | 1,480  |
| SAN BENITO      | 680     | 80      | 1,080   | 0      | 40      | 640     | 0      | 0       | 0      | 0      | 0       | 0      |
| SAN BERNARDINO  | 3,920   | 480     | 2,560   | 320    | 280     | 680     | 0      | 0       | 0      | 0      | 0       | 0      |
| SAN DIEGO       | 6,200   | 720     | 4,160   | 920    | 320     | 1,680   | 0      | 0       | 0      | 0      | 0       | 0      |
| SAN FRANCISCO   | 0       | 0       | 0       | 0      | 0       | 0       | 0      | 0       | 0      | 0      | 0       | 0      |
| SAN JOAQUIN     | 22,360  | 2,400   | 15,880  | 1,040  | 560     | 5,920   | 0      | 0       | 0      | 280    | 240     | 400    |
| SAN LUIS OBISPO | 5,080   | 440     | 1,520   | 320    | 40      | 0       | 0      | 40      | 40     | 0      | 0       | 0      |
| SAN MATEO       | 2,160   | 200     | 1,880   | 240    | 40      | 120     | 0      | 0       | 0      | 0      | 0       | 0      |
| SANTA BARBARA   | 9,880   | 480     | 9,000   | 480    | 160     | 1,320   | 1,720  | 80      | 280    | 320    | 40      | 160    |
| SANTA CLARA     | 5,600   | 680     | 4,080   | 0      | 0       | 0       | 0      | 40      | 40     | 0      | 0       | 0      |
| SANTA CRUZ      | 0       | 0       | 0       | 0      | 0       | 0       | 0      | 0       | 0      | 0      | 0       | 0      |
| SHASTA          | 7,680   | 600     | 3,200   | 2,080  | 680     | 3,320   | 320    | 80      | 80     | 1,240  | 80      | 240    |
| SIERRA          | 960     | 320     | 1,040   | 320    | 280     | 1,080   | 0      | 0       | 0      | 0      | 0       | 0      |
| SISKIYOU        | 24,240  | 2,480   | 23,400  | 6,920  | 2,160   | 14,960  | 640    | 40      | 400    | 120    | 40      | 40     |
| SOLANO          | 33,960  | 3,000   | 22,520  | 1,240  | 560     | 3,880   | 40     | 80      | 200    | 400    | 120     | 560    |
| SONOMA          | 6,160   | 840     | 7,240   | 120    | 120     | 1,920   | 1,600  | 40      | 800    | 0      | 0       | 0      |
| STANISLAUS      | 15,880  | 1,360   | 13,280  | 1,840  | 600     | 9,600   | 840    | 160     | 400    | 320    | 120     | 280    |
| SUTTER          | 27,120  | 2,520   | 17,840  | 1,840  | 1,000   | 7,200   | 360    | 120     | 240    | 240    | 80      | 280    |
| TEHAMA          | 9,280   | 760     | 4,880   | 360    | 240     | 960     | 2,560  | 40      | 320    | 0      | 0       | 0      |
| TRINITY         | 2,160   | 240     | 3,280   | 0      | 0       | 0       | 0      | 0       | 0      | 0      | 0       | 0      |
| TULARE          | 3,240   | 440     | 1,800   | 520    | 440     | 3,640   | 0      | 0       | 0      | 160    | 120     | 600    |
| TUOLUMNE        | 1,720   | 240     | 1,040   | 160    | 80      | 80      | 0      | 0       | 0      | 0      | 0       | 0      |
| VENTURA         | 5,880   | 440     | 3,960   | 40     | 80      | 2,800   | 680    | 80      | 480    | 600    | 40      | 80     |
| YOLO            | 24,760  | 1,640   | 15,320  | 1,640  | 360     | 6,120   | 0      | 40      | 80     | 40     | 40      | 80     |
| YUBA            | 22,320  | 1,680   | 18,720  | 1,320  | 320     | 2,120   | 40     | 80      | 200    | 200    | 40      | 120    |
| UNKNOWN         | 9,760   | 880     | 4,520   | 400    | 320     | 3,280   | 440    | 80      | 360    | 1,240  | 80      | 240    |
| TOTAL           | 813,080 | 68,800  | 530,120 | 91,520 | 31,400  | 298,480 | 25,200 | 3,040   | 14,640 | 23,080 | 2,800   | 15,420 |

TABLE 9

## STATEWIDE BAG, HUNTERS, AND HUNTER DAYS - BIG GAME AND TOTALS ALL SPECIES

| COUNTY          | DEER   |         |           | BEAR  |         |         | WILD PIG |         |         | TOTAL     |         |           |
|-----------------|--------|---------|-----------|-------|---------|---------|----------|---------|---------|-----------|---------|-----------|
|                 | BAG    | HUNTERS | DAYS      | BAG   | HUNTERS | DAYS    | BAG      | HUNTERS | DAYS    | BAG       | HUNTERS | DAYS      |
| ALAMEDA         | 1,360  | 2,500   | 18,160    | 0     | 0       | 0       | 280      | 476     | 3,760   | 22,440    | 4,796   | 36,040    |
| ALPINE          | 1,080  | 6,400   | 34,320    | 40    | 204     | 1,080   | 0        | 0       | 240     | 4,760     | 7,044   | 39,160    |
| AMADOR          | 440    | 3,640   | 23,640    | 0     | 68      | 1,600   | 40       | 34      | 80      | 9,760     | 4,622   | 27,280    |
| BUTTE           | 800    | 6,240   | 45,320    | 40    | 306     | 1,320   | 240      | 170     | 1,600   | 117,720   | 17,276  | 126,920   |
| CALAVARAS       | 800    | 5,600   | 39,960    | 0     | 102     | 720     | 240      | 68      | 2,440   | 17,360    | 7,250   | 49,440    |
| COLUSA          | 360    | 1,160   | 9,160     | 0     | 0       | 0       | 600      | 918     | 3,040   | 143,800   | 13,598  | 85,400    |
| CONTRA COSTA    | 360    | 800     | 6,960     | 0     | 0       | 0       | 0        | 68      | 160     | 43,760    | 3,548   | 24,520    |
| DEL NORTE       | 320    | 1,160   | 10,720    | 80    | 170     | 2,520   | 80       | 0       | 4,200   | 4,160     | 1,690   | 20,080    |
| EL DORADO       | 1,120  | 8,120   | 57,480    | 80    | 374     | 2,360   | 0        | 34      | 0       | 20,160    | 9,688   | 69,120    |
| FRESNO          | 800    | 5,080   | 34,840    | 40    | 476     | 2,680   | 1,600    | 2,312   | 17,840  | 221,720   | 20,308  | 118,280   |
| GLENN           | 520    | 3,080   | 20,440    | 0     | 238     | 240     | 400      | 272     | 2,040   | 68,120    | 8,350   | 50,760    |
| HUMBOLDT        | 1,720  | 4,800   | 36,520    | 160   | 374     | 3,360   | 800      | 408     | 3,680   | 13,320    | 6,382   | 48,840    |
| IMPERIAL        | 0      | 1,360   | 6,520     | 0     | 0       | 0       | 0        | 0       | 0       | 284,280   | 21,080  | 95,880    |
| INYO            | 600    | 6,120   | 36,200    | 0     | 170     | 760     | 0        | 0       | 0       | 29,320    | 10,210  | 58,240    |
| KERN            | 1,600  | 10,400  | 63,000    | 80    | 646     | 7,400   | 400      | 680     | 2,600   | 335,000   | 32,886  | 185,200   |
| KINGS           | 120    | 480     | 4,520     | 0     | 0       | 0       | 1,400    | 952     | 8,640   | 50,960    | 5,232   | 27,720    |
| LAKE            | 1,520  | 5,560   | 49,360    | 40    | 136     | 1,480   | 720      | 1,020   | 17,160  | 16,720    | 8,036   | 78,600    |
| LASSSEN         | 3,360  | 15,120  | 93,520    | 40    | 68      | 1,400   | 0        | 170     | 400     | 44,960    | 19,838  | 118,320   |
| LOS ANGELES     | 800    | 7,240   | 59,040    | 0     | 340     | 1,200   | 440      | 476     | 1,280   | 34,280    | 11,976  | 85,720    |
| MADERA          | 280    | 2,720   | 13,960    | 0     | 238     | 3,480   | 0        | 272     | 160     | 48,000    | 6,990   | 32,320    |
| MARIN           | 680    | 1,760   | 13,360    | 0     | 0       | 0       | 80       | 68      | 640     | 4,520     | 2,308   | 16,520    |
| MARIPOSA        | 360    | 2,520   | 15,680    | 80    | 340     | 1,360   | 40       | 102     | 200     | 10,000    | 3,722   | 20,400    |
| MENDOCINO       | 5,920  | 16,240  | 126,840   | 160   | 1,054   | 7,400   | 7,960    | 3,978   | 43,360  | 27,840    | 23,032  | 191,040   |
| MERCED          | 280    | 1,040   | 8,080     | 0     | 34      | 0       | 1,120    | 986     | 5,680   | 199,720   | 15,340  | 98,840    |
| MODOC           | 2,880  | 18,760  | 124,680   | 40    | 68      | 1,040   | 40       | 34      | 120     | 52,080    | 22,502  | 150,760   |
| MONO            | 1,760  | 7,440   | 40,480    | 0     | 170     | 1,160   | 0        | 0       | 0       | 9,360     | 8,050   | 44,920    |
| MONTEREY        | 4,360  | 10,920  | 81,720    | 0     | 0       | 0       | 14,120   | 8,942   | 88,960  | 97,320    | 26,142  | 208,720   |
| NAPA            | 80     | 160     | 1,600     | 0     | 0       | 0       | 40       | 238     | 160     | 440       | 478     | 2,000     |
| NEVADA          | 760    | 5,680   | 31,040    | 0     | 204     | 1,240   | 80       | 102     | 560     | 5,760     | 6,666   | 36,720    |
| ORANGE          | 40     | 160     | 280       | 0     | 0       | 0       | 0        | 34      | 0       | 4,200     | 554     | 8,280     |
| PLACER          | 480    | 3,240   | 21,000    | 0     | 306     | 1,440   | 0        | 68      | 40      | 25,320    | 5,574   | 40,680    |
| PLUMAS          | 2,560  | 15,680  | 102,480   | 200   | 408     | 7,520   | 0        | 34      | 0       | 14,360    | 17,322  | 117,800   |
| RIVERSIDE       | 440    | 2,120   | 12,120    | 0     | 102     | 0       | 0        | 0       | 0       | 182,040   | 14,222  | 87,680    |
| SACRAMENTO      | 0      | 240     | 600       | 40    | 0       | 40      | 0        | 0       | 80      | 55,560    | 4,400   | 32,360    |
| SAN BENITO      | 640    | 2,120   | 13,120    | 0     | 0       | 0       | 5,240    | 3,638   | 29,920  | 18,920    | 6,958   | 48,040    |
| SAN BERNARDINO  | 640    | 5,920   | 34,440    | 0     | 374     | 3,720   | 40       | 238     | 1,320   | 109,360   | 16,892  | 103,640   |
| SAN DIEGO       | 960    | 4,520   | 39,920    | 0     | 0       | 0       | 0        | 0       | 400     | 45,280    | 9,240   | 72,040    |
| SAN FRANCISCO   | 0      | 0       | 0         | 0     | 0       | 0       | 0        | 0       | 0       | 0         | 0       | 0         |
| SAN JOAQUIN     | 120    | 280     | 1,240     | 0     | 0       | 400     | 120      | 102     | 440     | 136,920   | 11,222  | 73,160    |
| SAN LUIS OBISPO | 2,960  | 8,720   | 61,440    | 0     | 0       | 0       | 4,600    | 4,012   | 23,000  | 79,320    | 18,172  | 107,760   |
| SAN MATEO       | 320    | 720     | 6,720     | 0     | 0       | 0       | 0        | 0       | 120     | 10,120    | 1,200   | 10,600    |
| SANTA BARBARA   | 1,960  | 7,520   | 80,520    | 0     | 204     | 400     | 5,240    | 2,312   | 33,360  | 65,720    | 14,196  | 145,360   |
| SANTA CLARA     | 1,080  | 2,760   | 19,040    | 0     | 0       | 0       | 1,240    | 2,176   | 13,480  | 18,360    | 6,576   | 40,160    |
| SANTA CRUZ      | 80     | 400     | 4,080     | 0     | 0       | 0       | 200      | 340     | 640     | 6,600     | 1,060   | 6,120     |
| SHASTA          | 1,960  | 9,760   | 68,720    | 200   | 748     | 7,880   | 280      | 646     | 1,840   | 26,560    | 13,194  | 88,920    |
| SIERRA          | 840    | 7,160   | 46,560    | 0     | 136     | 680     | 280      | 34      | 0       | 61,520    | 25,420  | 200,400   |
| SISKIYOU        | 6,120  | 19,520  | 154,440   | 320   | 918     | 7,080   | 280      | 102     | 0       | 2,520     | 7,890   | 48,560    |
| SOLANO          | 160    | 400     | 4,040     | 0     | 0       | 0       | 40       | 204     | 600     | 54,040    | 5,404   | 34,080    |
| SONOMA          | 2,480  | 5,800   | 47,800    | 0     | 0       | 0       | 8,560    | 4,352   | 47,800  | 31,920    | 12,432  | 112,400   |
| STANISLAUS      | 600    | 3,920   | 24,600    | 0     | 68      | 320     | 280      | 646     | 4,800   | 85,200    | 12,034  | 70,080    |
| SUTTER          | 0      | 80      | 80        | 0     | 0       | 0       | 200      | 68      | 520     | 66,520    | 5,908   | 33,760    |
| TEHAMA          | 2,840  | 12,320  | 76,400    | 80    | 340     | 6,080   | 640      | 1,462   | 7,880   | 62,560    | 18,842  | 111,480   |
| TRINITY         | 2,760  | 8,280   | 58,960    | 0     | 782     | 7,840   | 40       | 68      | 520     | 10,080    | 10,050  | 76,840    |
| TULARE          | 640    | 6,240   | 40,720    | 120   | 850     | 8,200   | 680      | 544     | 19,600  | 172,360   | 16,994  | 124,120   |
| TUOLUMNE        | 1,160  | 9,960   | 72,400    | 0     | 408     | 4,600   | 0        | 0       | 40      | 10,200    | 11,488  | 82,960    |
| VENTURA         | 880    | 4,560   | 27,280    | 0     | 238     | 2,440   | 280      | 204     | 760     | 31,400    | 7,722   | 56,840    |
| YOLO            | 280    | 1,280   | 10,320    | 0     | 136     | 200     | 80       | 102     | 320     | 60,720    | 6,262   | 40,320    |
| YUBA            | 240    | 2,320   | 16,800    | 80    | 136     | 3,240   | 40       | 170     | 880     | 49,120    | 6,546   | 46,8      |
| UNKNOWN         | 560    | 4,320   | 28,040    | 40    | 3       | 280     | 560      | 136     | 7,840   | 30,280    | 8,090   | 53,       |
| TOTAL           | 68,840 | 312,520 | 2,181,280 | 1,960 | 11,832  | 106,160 | 59,360   | 44,472  | 405,200 | 3,464,720 | 624,904 | 4,999,811 |

TABLE 10

## MAILING AND RETURN OF QUESTIONNAIRES BY COUNTY OF RESIDENCE

1988 HUNTER SURVEY

| COUNTY          | Questionnaires<br>Mailed and<br>Deliverable | Percent<br>Of Total<br>Mailed | Number<br>Returned | Percent<br>Returned |
|-----------------|---------------------------------------------|-------------------------------|--------------------|---------------------|
| ALAMEDA         | 457                                         | 3.21%                         | 344                | 3.36%               |
| ALPINE          | 5                                           | .04%                          | 3                  | .03%                |
| AMADOR          | 59                                          | .41%                          | 43                 | .42%                |
| BUTTE           | 476                                         | 3.34%                         | 346                | 3.38%               |
| CALAVARAS       | 72                                          | .51%                          | 53                 | .52%                |
| COLUSA          | 51                                          | .36%                          | 36                 | .35%                |
| CONTRA COST     | 486                                         | 3.41%                         | 375                | 3.66%               |
| DEL NORTE       | 71                                          | .50%                          | 53                 | .52%                |
| EL DORADO       | 120                                         | .84%                          | 97                 | .95%                |
| FRESNO          | 390                                         | 2.74%                         | 271                | 2.65%               |
| GLENN           | 120                                         | .84%                          | 86                 | .84%                |
| HUMBOLDT        | 179                                         | 1.26%                         | 127                | 1.24%               |
| IMPERIAL        | 111                                         | .78%                          | 64                 | .63%                |
| INYO            | 84                                          | .59%                          | 61                 | .60%                |
| KERN            | 677                                         | 4.76%                         | 440                | 4.30%               |
| KINGS           | 103                                         | .72%                          | 73                 | .71%                |
| LAKE            | 85                                          | .60%                          | 67                 | .65%                |
| LASSEN          | 107                                         | .75%                          | 77                 | .75%                |
| LOS ANGELES     | 1,391                                       | 9.77%                         | 977                | 9.55%               |
| MADERA          | 100                                         | .70%                          | 71                 | .69%                |
| MARIN           | 139                                         | .98%                          | 100                | .98%                |
| MARIPOSA        | 18                                          | .13%                          | 17                 | .17%                |
| MENDOCINO       | 252                                         | 1.77%                         | 174                | 1.70%               |
| MERCED          | 257                                         | 1.81%                         | 177                | 1.73%               |
| MODOC           | 94                                          | .66%                          | 65                 | .64%                |
| MONO            | 35                                          | .25%                          | 23                 | .22%                |
| MONTEREY        | 194                                         | 1.36%                         | 142                | 1.39%               |
| NAPA            | 78                                          | .55%                          | 56                 | .55%                |
| NEVADA          | 103                                         | .72%                          | 79                 | .77%                |
| ORANGE          | 429                                         | 3.01%                         | 307                | 3.00%               |
| PLACER          | 202                                         | 1.42%                         | 162                | 1.58%               |
| PLUMAS          | 92                                          | .65%                          | 75                 | .73%                |
| RIVERSIDE       | 383                                         | 2.69%                         | 258                | 2.52%               |
| SACRAMENTO      | 448                                         | 3.15%                         | 333                | 3.25%               |
| SAN BENITO      | 60                                          | .42%                          | 44                 | .43%                |
| SAN BERNARDINO  | 427                                         | 3.00%                         | 308                | 3.01%               |
| SAN DIEGO       | 529                                         | 3.72%                         | 388                | 3.79%               |
| SAN FRANCISCO   | 98                                          | .69%                          | 72                 | .70%                |
| SAN JOAQUIN     | 442                                         | 3.10%                         | 330                | 3.22%               |
| SAN LUIS OBISPO | 313                                         | 2.20%                         | 210                | 2.05%               |
| SAN MATEO       | 269                                         | 1.89%                         | 209                | 2.04%               |
| SANTA BARBARA   | 289                                         | 2.03%                         | 198                | 1.93%               |
| SANTA CLARA     | 558                                         | 3.92%                         | 419                | 4.09%               |
| SANTA CRUZ      | 96                                          | .67%                          | 64                 | .63%                |
| SHASTA          | 255                                         | 1.79%                         | 184                | 1.80%               |
| SIERRA          | 23                                          | .16%                          | 16                 | .16%                |
| SISKIYOU        | 323                                         | 2.27%                         | 240                | 2.35%               |
| SOLANO          | 237                                         | 1.66%                         | 167                | 1.63%               |
| SONOMA          | 448                                         | 3.15%                         | 344                | 3.36%               |
| STANISLAUS      | 467                                         | 3.28%                         | 307                | 3.00%               |
| SUTTER          | 139                                         | .98%                          | 102                | 1.00%               |
| TEHAMA          | 214                                         | 1.50%                         | 149                | 1.46%               |
| TRINITY         | 53                                          | .37%                          | 46                 | .45%                |
| TULARE          | 368                                         | 2.58%                         | 247                | 2.41%               |
| TUOLUMNE        | 114                                         | .80%                          | 88                 | .86%                |
| VENTURA         | 262                                         | 1.84%                         | 193                | 1.89%               |
| YOLO            | 184                                         | 1.29%                         | 136                | 1.33%               |
| YUBA            | 131                                         | .92%                          | 86                 | .84%                |
| NONRESIDENT     | 5                                           | .04%                          | 4                  | .04%                |
| INVALID         | 64                                          | .45%                          | 51                 | .50%                |
| TOTAL           | 14,236                                      | 100.00%                       | 10,234             | 100.00%             |