

# UC San Diego

## Fish Bulletin

### Title

Fish Bulletin No. 63. The Commercial Fish Catch of California for the Years 1943 and 1944

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### Author

Staff of the Bureau of Marine Fisheries

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**STATE OF CALIFORNIA DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF FISH AND GAME BUREAU OF MARINE FISHERIES  
FISH BULLETIN No. 63  
The Commercial Fish Catch of California for the Years 1943 and 1944**



BY  
*THE STAFF OF THE  
BUREAU OF MARINE FISHERIES*  
1946



## **FOREWORD**

This is the ninth fish bulletin of a series begun in 1929 for the purpose of presenting detailed records of the commercial fish catch of California as well as other statistical information compiled by the Bureau of Marine Fisheries.

The cooperation of the Bureau of Patrol and Law Enforcement in the collection of the original material is gratefully acknowledged.

November, 1945

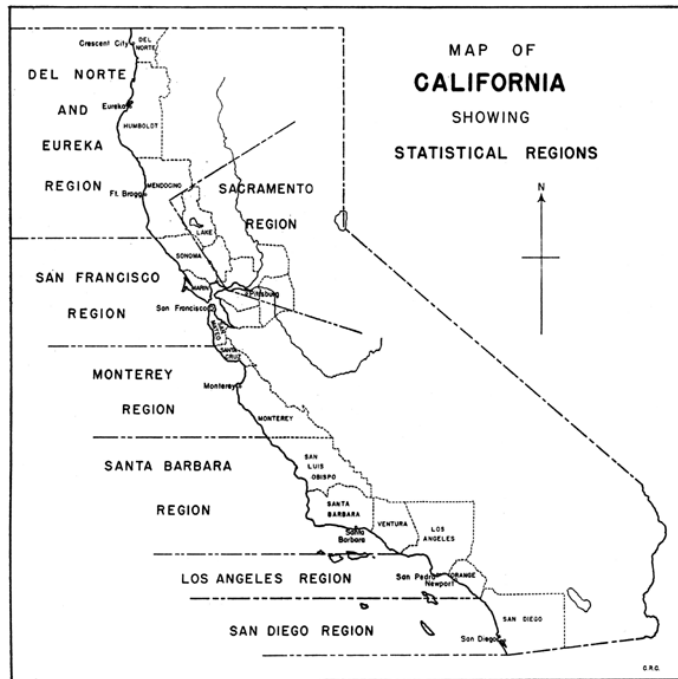


FIGURE 1

( 4 )

FIGURE 1

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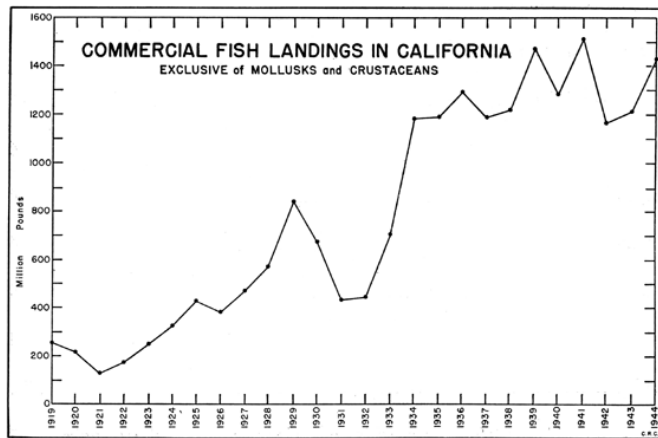


FIGURE 2

( 6 )

FIGURE 2

# 1. THE FISH CATCH OF CALIFORNIA

During the war years the fisheries of California underwent definite changes. The California catch is dominated by the species used for canning: Sardines, mackerel, the five tunas and yellowtail. In 1941 we were actually preparing for war, the draft was in effect, and high wages were attracting labor to the defense plants so that this year may be considered as one of the war years. In the accompanying table the catch of these cannery fish during the four years, 1941 through 1944, is contrasted with the catch in the four preceding years. The average annual catch is expressed in millions of pounds. The last column is the average total of pounds caught.

**AVERAGE ANNUAL CATCH FOR THE LAST FOUR YEARS CONTRASTED WITH THE PRECEDING FOUR YEARS**  
(Figures in Millions of Pounds)

|             | Sardine | Yellowfin Tuna | Pacific and Horse Mackerel | Skipjack | Albacore | Bluefin Tuna | Yellowtail | Bonito Tuna | Total   |
|-------------|---------|----------------|----------------------------|----------|----------|--------------|------------|-------------|---------|
| 1937-40.... | 1,030.0 | 98.4           | 89.0                       | 39.1     | 5.6      | 16.0         | 5.3        | 7.7         | 1,291.1 |
| 1941-44.... | 1,088.0 | 57.3           | 80.0                       | 30.8     | 13.9     | 13.0         | 5.1        | 3.7         | 1,291.8 |
| Change..    | +58.0   | -41.1          | -9.0                       | -8.3     | +8.3     | -3.0         | -0.2       | -4.0        | +7      |

For all species the catch in the second interval was only slightly in excess of the four prewar years. The sardine catch increased due to heavy landings in 1941 and 1944, but this increase was largely offset by a reduction in the take of yellowfin and skipjack. In normal times most of our catch of these two species comes from off the coasts of Central and South America. During the war the movements of our fishing boats in southern waters were curtailed or prohibited and the local catch of these two tunas could not maintain the prewar totals. Bluefin, yellowtail and bonito all experienced small decreases whereas albacore catches increased. This was due to exceptionally successful fishing in 1943 and better than average in 1944.

Some fishes of less importance than the cannery species showed an increased catch after we entered the war. As our shark catch sagged, vitamin production was aided by imported livers and also by heavier catches of local sablefish, especially for the two years 1943 and 1944 in which the catch quadrupled the prewar average for the species. The canning of local squid and of Pismo clams from Mexico led to spectacular increases in the take of these species for 1943 and 1944. The unforeseen use, beginning in November of 1943, of a light balloon net enabled otter trawl fishermen to capture rockfish in great quantities for the fresh fish trade. The prewar catch of rockfish was roughly 3,000,000 pounds but this dropped to 1,500,000 pounds in 1942 when price to the small boat fishermen was fixed by the office of Price Administration at a low level. Then the trawlers with the new balloon net turned to rockfish and the 1944 catch rose to 6,500,000 pounds.



Our chief fishing ports of San Francisco, Monterey, San Pedro and San Diego remained in the lead during 1943 and 1944 but because of wartime restrictions many of our small boats moved their operations to lesser ports. Eureka and Fort Bragg showed substantial increases in the amounts of fish landed. At Bodega Bay four new wholesale fish houses were built to receive the catches of additional small boats fishing in that area. Normally about four-fifths of the mackerel catch of the State is landed at the harbor of San Pedro but so many boats shifted their deliveries to Santa Monica that the 1944 catch of that port almost equaled the mackerel deliveries at San Pedro. Newport Bay, the most southerly of the small ports, became congested and sheltered more small fishing craft than any other port in the State.

Marine sport fishing continued through 1943 and 1944 but at a low ebb. Fishing barges were not allowed to anchor off shore and surf fishing was limited to daylight hours. Pier fishing continued on a reduced scale.

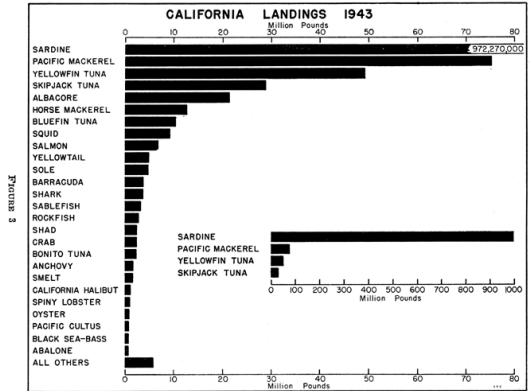


FIGURE 3

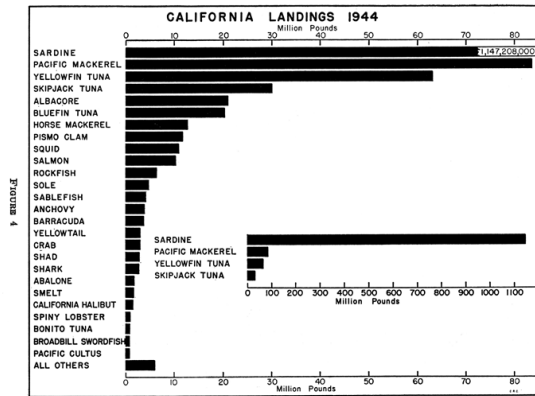


FIGURE 4

TABLE 1  
CALIFORNIA LANDINGS—1943

| <i>Species</i>   | <i>Pounds</i> |
|--|---------------|
| Sardine.....   | 972,270,000   |
| Pacific Mackerel.....                                    | 75,264,000    |
| Yellowfin Tuna.....                                      | 49,261,000    |
| Skipjack Tuna.....                                       | 28,894,000    |
| Albacore.....  | 21,385,000    |
| Horse Mackerel.....                                      | 12,699,000    |
| Bluefin Tuna.....  | 10,179,000    |
| Squid.....   | 9,164,000     |
| Salmon.....  | 6,581,000     |
| Yellowtail.....  | 4,935,000     |
| Sole.....  | 4,782,000     |
| Barracuda.....   | 3,775,000     |
| Shark.....   | 3,729,000     |
| Sablefish.....   | 3,205,000     |
| Rockfish.....  | 2,762,000     |
| Shad.....  | 2,348,000     |
| Crab.....  | 2,315,000     |
| Bonito Tuna.....   | 2,282,000     |
| Anchovy.....   | 1,571,000     |
| Smelt.....   | 1,566,000     |
| California Halibut.....                                  | 1,122,000     |
| Spiny Lobster.....                                       | 986,000       |
| Oyster.....  | 851,000       |
| Pacific Cultus.....                                      | 719,000       |
| Black Sea-bass.....                                      | 701,000       |
| Abalone.....   | 680,000       |
| All others.....  | 5,781,000     |
| Yearly total pounds.....                                 | 1,229,807,000 |
| Fish landings exclusive of mollusks and crustaceans..... | 1,214,879,510 |

\* This table includes actual landings at California ports by the commercial fishing fleet as well as shipments from other states and foreign countries by truck, rail and ocean liner to California canneries and fresh fish dealers. For detail see page 41.

TABLE 1  
CALIFORNIA LANDINGS—1943

TABLE 2  
CALIFORNIA LANDINGS—1944

| <i>Species</i>   | <i>Pounds</i> |
|--|---------------|
| Sardine.....   | 1,147,208,000 |
| Pacific Mackerel.....                                    | 83,657,000    |
| Yellowfin Tuna.....                                      | 63,144,000    |
| Skipjack Tuna.....                                       | 30,037,000    |
| Albacore.....  | 20,969,000    |
| Bluefin Tuna.....  | 20,344,000    |
| Horse Mackerel.....                                      | 12,777,000    |
| Pismo Clam.....  | 11,754,000    |
| Squid.....   | 10,937,000    |
| Salmon.....  | 10,286,000    |
| Rockfish.....  | 6,421,000     |
| Sole.....  | 4,700,000     |
| Sablefish.....   | 4,116,000     |
| Anchovy.....   | 3,891,000     |
| Barracuda.....   | 3,648,000     |
| Yellowtail.....  | 2,957,000     |
| Crab.....  | 2,935,000     |
| Shad.....  | 2,689,000     |
| Shark.....   | 2,613,000     |
| Abalone.....   | 1,630,000     |
| Smelt.....   | 1,541,000     |
| California Halibut.....                                  | 1,492,000     |
| Spiny Lobster.....                                       | 920,000       |
| Bonito Tuna.....   | 819,000       |
| Broadbill Swordfish.....                                 | 749,000       |
| Pacific Cultus.....                                      | 746,000       |
| All others.....  | 5,962,000     |
| Yearly total pounds.....                                 | 1,458,942,000 |
| Fish landings exclusive of mollusks and crustaceans..... | 1,429,689,379 |

This table includes actual landings at California ports by the commercial fishing fleet as well as shipments from other states and foreign countries by truck, rail and ocean liner to California canneries and to the fresh fish dealers. For detail see page 41.

TABLE 2  
CALIFORNIA LANDINGS—1944

## 2. VALUE OF COMMERCIAL FISH LANDINGS

The value of California's fisheries could be calculated from the price paid for the raw product or from the price received for the processed fish. To determine the latter would involve many adjustments and consequently in this, as in previous reports, the price received by the fishermen for fish in the round has been taken as the basic value. In a few instances fishermen market their own catch and therefore can not record sale in the round. In cases of missing sale price the average price obtained for the species in the locality and for the season of the year involved has been used.

Throughout the past six years the value of California fishes has steadily increased, whereas the poundage has shown no consistent trend upward or downward. For the entire State the poundage delivered in 1944 was 98 per cent of that for 1939. On the other hand, the value of the 1944 catch was 190 per cent when compared with 1939. The trend of values and poundages throughout the six years is indicated by the following figures:

|      | <i>Pounds</i> | <i>Change</i> | <i>Value</i> | <i>Increase</i> |
|------|---------------|---------------|--------------|-----------------|
| 1939 | 1,500,000,000 |               | \$19,000,000 |                 |
| 1940 | 1,300,000,000 | -200,000,000  | 20,400,000   | \$1,400,000     |
| 1941 | 1,500,000,000 | +200,000,000  | 22,500,000   | 2,100,000       |
| 1942 | 1,200,000,000 | -300,000,000  | 26,100,000   | 3,600,000       |
| 1943 | 1,200,000,000 | 0             | 31,900,000   | 5,800,000       |
| 1944 | 1,500,000,000 | +300,000,000  | 36,100,000   | 4,200,000       |

This continuous increase in value occurred in all regions of California, as shown in figure 5. This figure gives the value of the fishery products in millions of dollars, and indicates from year to year the relatively consistent increase in the dollar value of the fish landings. The outstanding region is Eureka where the 1944 value of the fishery products was \$1,300,000 greater than 1939, an increase of 360 per cent. This exceptional augmentation of the price paid for the Eureka fishery products resulted first from the demand for shark livers high in vitamin A content. The Eureka region is one of the major soupfin shark fishing areas, and the price paid for soupfin livers has been as much as \$10 per pound. By 1943 the catch of shark was falling off but the value of the Eureka fisheries was maintained by an increased catch of rockfish and salmon.

The smallest increase in any region occurred at San Francisco where the value of the 1944 catch was 128 per cent of that for 1939. In other regions in the State the increase varied from 170 to 220 per cent.

The relative importance of the various fishing areas is also indicated for the years 1939 to 1944 in figure 5. The seven regions fall into three groupings. In the Eureka, Sacramento and Santa Barbara regions, the annual value of the fisheries approximated \$1,000,000. In these areas, with the exception of the Sacramento area where some sardines are canned, most of the fishery products are sold fresh and the volume of business is correspondingly less than in a canning area. In the San Francisco and Monterey regions the annual value varied from two to

six million. Here a large volume of fresh fish is sold and in addition sardines are canned and reduced into meal and oil. The tonnage handled in these areas is large but the price per pound for sardines is low, varying from one-half to one cent during the six years. This brings the total value of the San Francisco and Monterey regions into an intermediate position in relation to other areas in the State.

The two outstanding regions are Los Angeles and San Diego. Here the annual value varied from five to thirteen million dollars. The poundage handled in the Los Angeles area corresponds closely with that of Monterey but in the Los Angeles region, in addition to sardines, tuna and mackerel are canned. The price for mackerel has been one to two cents per pound and for tunas, with the exception of albacore, from four to ten cents. Albacore has brought as much as 19 ½ cents per pound. Thus the mackerel and especially the tuna bring the Los Angeles region into first place in value for the State's fishery products.

The high value of the tuna fisheries is also shown by the San Diego data. In this region canning is confined to the tunas, the poundages handled are less than those for San Francisco, Monterey or Los Angeles, but the value is second only to Los Angeles.

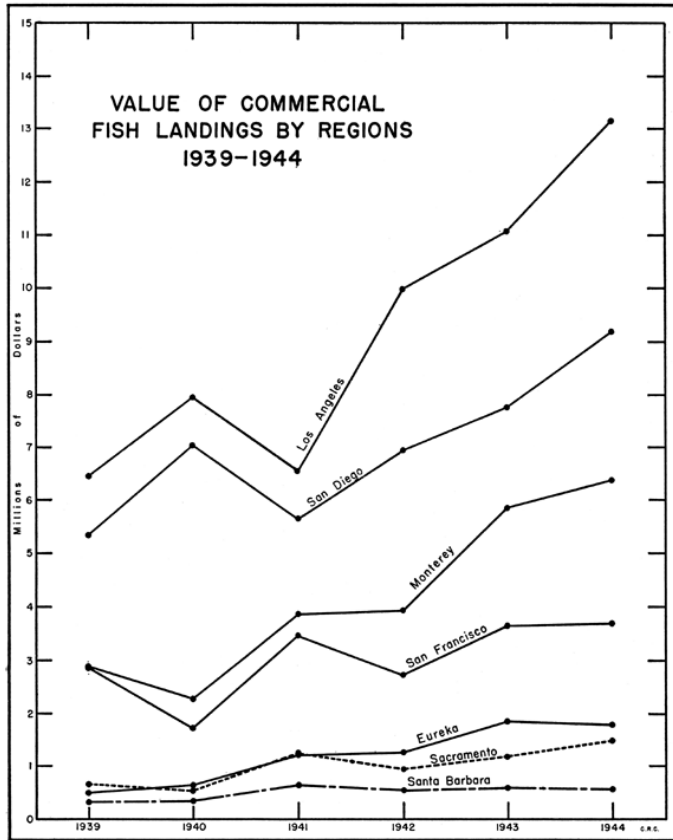


FIGURE 5

FIGURE 5



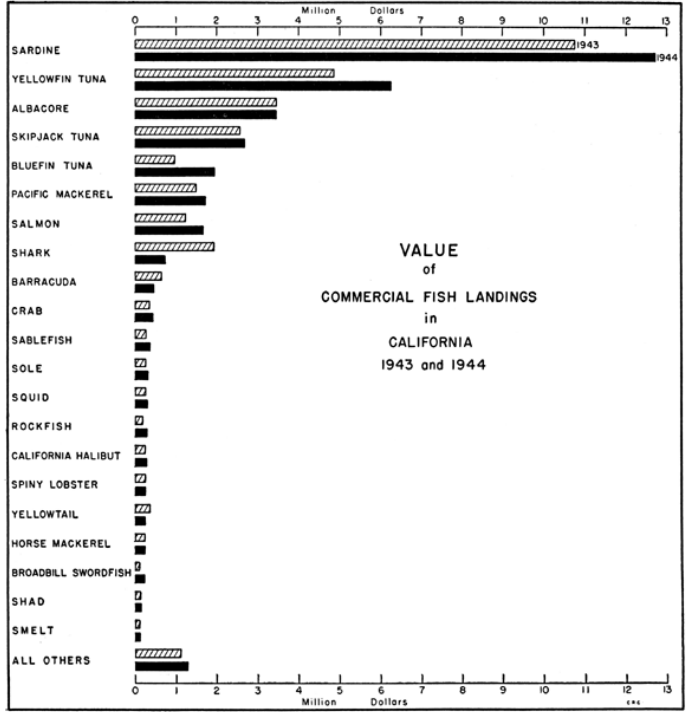


FIGURE 6

FIGURE 6

TABLE 3  
VALUE OF COMMERCIAL FISH LANDINGS—1943

| <i>Species</i>           | <i>Value</i> |
|--------------------------|--------------|
| Sardine.....             | \$10,782,000 |
| Yellowfin Tuna.....      | 4,881,000    |
| Albacore.....            | 3,477,000    |
| Skipjack Tuna.....       | 2,583,000    |
| Shark.....               | 1,933,000    |
| Pacific Mackerel.....    | 1,493,000    |
| Salmon.....              | 1,228,000    |
| Bluefin Tuna.....        | 968,000      |
| Barracuda.....           | 656,000      |
| Yellowtail.....          | 369,000      |
| Crab.....                | 353,000      |
| Sablefish.....           | 267,000      |
| Sole.....                | 265,000      |
| Squid.....               | 265,000      |
| Spiny Lobster.....       | 256,000      |
| California Halibut.....  | 238,000      |
| Horse Mackerel.....      | 236,000      |
| Rockfish.....            | 186,000      |
| Bonito Tuna.....         | 181,000      |
| Black Sea-bass.....      | 157,000      |
| White Sea-bass.....      | 123,000      |
| Shad.....                | 114,000      |
| Smelt.....               | 109,000      |
| Broadbill Swordfish..... | 102,000      |
| All others.....          | 639,000      |
| Total value, 1943.....   | \$31,861,000 |

TABLE 3  
VALUE OF COMMERCIAL FISH LANDINGS—1943

TABLE 4  
VALUE OF COMMERCIAL FISH LANDINGS—1944

| <i>Species</i>           | <i>Value</i> |
|--------------------------|--------------|
| Sardine.....             | \$12,716,000 |
| Yellowfin Tuna.....      | 6,269,000    |
| Albacore.....            | 3,484,000    |
| Skipjack Tuna.....       | 2,694,000    |
| Bluefin Tuna.....        | 1,939,000    |
| Pacific Mackerel.....    | 1,707,000    |
| Salmon.....              | 1,665,000    |
| Shark.....               | 757,000      |
| Barracuda.....           | 470,000      |
| Crab.....                | 428,000      |
| Sablefish.....           | 375,000      |
| Pismo Clam.....          | 317,000      |
| Sole.....                | 303,000      |
| Squid.....               | 299,000      |
| Rockfish.....            | 287,000      |
| California Halibut.....  | 286,000      |
| Spiny Lobster.....       | 252,000      |
| Yellowtail.....          | 234,000      |
| Horse Mackerel.....      | 229,000      |
| Broadbill Swordfish..... | 226,000      |
| Abalone.....             | 145,000      |
| Shad.....                | 121,000      |
| Smelt.....               | 108,000      |
| Catfish.....             | 80,000       |
| All others.....          | 738,000      |
| Total value, 1944.....   | \$36,129,000 |

TABLE 4  
VALUE OF COMMERCIAL FISH LANDINGS—1944

TABLE 5  
 CALIFORNIA COMMERCIAL FISH LANDINGS—1943  
 Values for Eureka Region, Indicating Leading Ports and Species

|                      |             |                       |           |
|----------------------|-------------|-----------------------|-----------|
| EUREKA REGION.....   | \$1,829,970 | 12,465,008 pounds     |           |
| Eureka.....          | \$1,146,100 | Shark.....            | \$560,600 |
|                      |             | Sole.....             | 184,500   |
|                      |             | Salmon.....           | 159,500   |
|                      |             | Rockfish.....         | 56,900    |
|                      |             | Northern Halibut..... | 50,800    |
|                      |             | Sablefish.....        | 41,400    |
|                      |             | Pacific Cultus.....   | 25,600    |
|                      |             | Sand Dab.....         | 17,900    |
|                      |             | Crab.....             | 14,300    |
|                      |             | Starry Flounder.....  | 13,700    |
|                      |             | Whitebait.....        | 7,900     |
|                      |             | All other.....        | 13,000    |
| Fort Bragg.....      | \$532,100   | Salmon.....           | 189,600   |
|                      |             | Sablefish.....        | 125,300   |
|                      |             | Shark.....            | 113,600   |
|                      |             | Albacore.....         | 77,400    |
|                      |             | Pacific Cultus.....   | 13,400    |
|                      |             | Whitebait.....        | 6,000     |
|                      |             | All other.....        | 6,800     |
| Crescent City.....   | \$149,700   | Salmon.....           | 66,800    |
|                      |             | Shark.....            | 49,400    |
|                      |             | Crab.....             | 13,400    |
|                      |             | Whitebait.....        | 5,900     |
|                      |             | Pacific Cultus.....   | 5,700     |
|                      |             | All other.....        | 8,500     |
| All other ports..... | \$2,070     |                       |           |

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TABLE 5  
 CALIFORNIA COMMERCIAL FISH LANDINGS—1943  
 Values for Eureka Region, Indicating Leading Ports and Species

TABLE 6  
 CALIFORNIA COMMERCIAL FISH LANDINGS—1943  
 Values for Sacramento Region, Indicating Leading Ports and Species

|                      |             |                   |           |
|----------------------|-------------|-------------------|-----------|
| SACRAMENTO REGION... | \$1,175,375 | 77,916,080 pounds |           |
| Pittsburg.....       | \$499,900   | Sardine.....      | \$278,600 |
|                      |             | Salmon.....       | 112,100   |
|                      |             | Shad.....         | 82,800    |
|                      |             | Catfish.....      | 25,600    |
|                      |             | All other.....    | 800       |
| Benicia.....         | \$316,600   | Sardine.....      | 316,600   |
| Port Chicago.....    | \$168,300   | Sardine.....      | 159,300   |
|                      |             | Shad.....         | 9,000     |
| Martinez.....        | \$95,400    | Sardine.....      | 55,400    |
|                      |             | Salmon.....       | 27,200    |
|                      |             | Shad.....         | 12,800    |
| Collinsville.....    | \$50,100    | Salmon.....       | 38,400    |
|                      |             | Shad.....         | 10,000    |
|                      |             | Catfish.....      | 1,700     |
| Sacramento.....      | \$31,800    | Salmon.....       | 23,400    |
|                      |             | Catfish.....      | 7,600     |
|                      |             | All other.....    | 800       |
| Stockton.....        | \$12,400    | Catfish.....      | 11,400    |
|                      |             | Salmon.....       | 1,000     |
| All other ports..... | \$875       |                   |           |

TABLE 6  
 CALIFORNIA COMMERCIAL FISH LANDINGS—1943  
 Values for Sacramento Region, Indicating Leading Ports and Species

TABLE 7  
 CALIFORNIA COMMERCIAL FISH LANDINGS—1943  
 Values for San Francisco Region, Indicating Leading Ports and Species

| SAN FRANCISCO REGION. \$3,619,202 |             | 180,963,255 pounds   |           |
|-----------------------------------|-------------|----------------------|-----------|
| San Francisco.....                | \$1,410,300 | Sardine.....         | \$540,100 |
|                                   |             | Shark.....           | 523,700   |
|                                   |             | Crab.....            | 159,600   |
|                                   |             | Smelt.....           | 62,700    |
|                                   |             | Sole.....            | 47,800    |
|                                   |             | Pacific Herring..... | 13,300    |
|                                   |             | Salmon.....          | 12,300    |
|                                   |             | Sand Dab.....        | 9,700     |
|                                   |             | All other.....       | 41,100    |
| Richmond.....                     | \$1,192,700 | Sardine.....         | 1,190,700 |
|                                   |             | Shrimp.....          | 2,000     |
| Point Reyes.....                  | \$511,900   | Salmon.....          | 269,900   |
|                                   |             | Shark.....           | 90,100    |
|                                   |             | Crab.....            | 64,800    |
|                                   |             | Albacore.....        | 60,600    |
|                                   |             | Rockfish.....        | 8,800     |
|                                   |             | Eastern Oyster.....  | 7,500     |
|                                   |             | All other.....       | 10,200    |
| Bay.....                          | \$217,400   | Shark.....           | 87,400    |
|                                   |             | Salmon.....          | 53,400    |
|                                   |             | Crab.....            | 47,200    |
|                                   |             | Sole.....            | 9,000     |
|                                   |             | Albacore.....        | 6,200     |
|                                   |             | All other.....       | 14,200    |
| McNear's Point.....               | \$170,500   | Sardine.....         | 166,100   |
|                                   |             | Shrimp.....          | 4,400     |
| Menlo Park.....                   | \$76,500    | Salmon.....          | 34,100    |
|                                   |             | Crab.....            | 17,200    |
|                                   |             | Shark.....           | 14,400    |
|                                   |             | Albacore.....        | 9,600     |
|                                   |             | All other.....       | 1,200     |
| Oakland.....                      | \$27,800    | Crab.....            | 26,400    |
|                                   |             | All other.....       | 1,400     |
| Hamlet.....                       | \$6,000     | Japanese Oyster..... | 6,000     |
| All other ports.....              | \$6,102     |                      |           |

TABLE 7  
 CALIFORNIA COMMERCIAL FISH LANDINGS—1943  
 Values for San Francisco Region, Indicating Leading Ports and Species

## DIVISION OF FISH AND GAME

TABLE 8  
**CALIFORNIA COMMERCIAL FISH LANDINGS—1943**  
 Values for Monterey Region, Indicating Leading Ports and Species

|                      |             |                       |             |
|----------------------|-------------|-----------------------|-------------|
| MONTEREY REGION..... | \$5,836,892 | 458,159,474 pounds    |             |
| Monterey.....        | \$5,096,600 |                       |             |
|                      |             | Sardine.....          | \$4,373,000 |
|                      |             | Squid.....            | 260,900     |
|                      |             | Salmon.....           | 171,800     |
|                      |             | Pacific Mackerel..... | 83,900      |
|                      |             | Rockfish.....         | 42,000      |
|                      |             | Shark.....            | 37,400      |
|                      |             | Albacore.....         | 37,300      |
|                      |             | Sablefish.....        | 25,400      |
|                      |             | Smelt.....            | 16,500      |
|                      |             | Kingfish.....         | 10,300      |
|                      |             | All other.....        | 38,100      |
| Moss Landing.....    | \$525,900   | Sardine.....          | 519,500     |
|                      |             | Crab.....             | 4,900       |
|                      |             | All other.....        | 1,500       |
| Santa Cruz.....      | \$214,300   | Sablefish.....        | 68,500      |
|                      |             | Salmon.....           | 66,900      |
|                      |             | Shark.....            | 28,100      |
|                      |             | Rockfish.....         | 13,000      |
|                      |             | White Sea-bass.....   | 12,200      |
|                      |             | Albacore.....         | 11,500      |
|                      |             | All other.....        | 14,100      |
| All other ports..... | \$92        |                       |             |

TABLE 8  
**CALIFORNIA COMMERCIAL FISH LANDINGS—1943**  
 Values for Monterey Region, Indicating Leading Ports and Species

TABLE 9  
 CALIFORNIA COMMERCIAL FISH LANDINGS—1943  
 Values for Santa Barbara Region, Indicating Leading Ports and Species

|                        |           |                          |           |
|------------------------|-----------|--------------------------|-----------|
| SANTA BARBARA REGION.. | \$591,462 | 4,037,382 pounds         |           |
| Santa Barbara.....     | \$497,400 |                          |           |
|                        |           | Shark.....               | \$169,900 |
|                        |           | California Halibut.....  | 55,100    |
|                        |           | Broadbill Swordfish..... | 41,200    |
|                        |           | Barracuda.....           | 39,200    |
|                        |           | Spiny Lobster.....       | 35,100    |
|                        |           | Albacore.....            | 33,900    |
|                        |           | Bonito Tuna.....         | 28,500    |
|                        |           | Bluefin Tuna.....        | 26,100    |
|                        |           | Abalone.....             | 19,700    |
|                        |           | Sole.....                | 11,500    |
|                        |           | White Sea-bass.....      | 10,100    |
|                        |           | Sheepshead.....          | 8,400     |
|                        |           | All other.....           | 18,700    |
| Morro.....             | \$50,500  | Abalone.....             | 30,900    |
|                        |           | Japanese Oyster.....     | 18,200    |
|                        |           | All other.....           | 1,400     |
| Avila.....             | \$39,000  | Shark.....               | 20,800    |
|                        |           | Albacore.....            | 14,000    |
|                        |           | California Halibut.....  | 2,600     |
|                        |           | All other.....           | 1,600     |
| Pismo.....             | \$3,200   | Pismo Clam.....          | 2,800     |
|                        |           | All other.....           | 400       |
| All other ports.....   | \$1,362   |                          |           |

TABLE 9  
 CALIFORNIA COMMERCIAL FISH LANDINGS—1943  
 Values for Santa Barbara Region, Indicating Leading Ports and Species



TABLE 10  
**CALIFORNIA COMMERCIAL FISH LANDINGS—1943**  
 Values for Los Angeles Region, Indicating Leading Ports and Species

| LOS ANGELES REGION....\$11,062,168 |             | 420,950,453 pounds       |             |
|------------------------------------|-------------|--------------------------|-------------|
| Terminal Island.....               | \$5,830,500 | Sardine.....             | \$2,279,300 |
|                                    |             | Yellowfin Tuna.....      | 1,021,400   |
|                                    |             | Albacore.....            | 839,100     |
|                                    |             | Pacific Mackerel.....    | 511,500     |
|                                    |             | Bluefin Tuna.....        | 493,100     |
|                                    |             | Skipjack Tuna.....       | 334,800     |
|                                    |             | Yellowtail.....          | 166,800     |
|                                    |             | Horse Mackerel.....      | 129,600     |
|                                    |             | Bonito Tuna.....         | 54,300      |
|                                    |             | All other.....           | 600         |
| Long Beach.....                    | \$1,740,000 | Sardine.....             | 520,100     |
|                                    |             | Yellowfin Tuna.....      | 455,300     |
|                                    |             | Bluefin Tuna.....        | 266,100     |
|                                    |             | Pacific Mackerel.....    | 130,900     |
|                                    |             | Skipjack Tuna.....       | 113,900     |
|                                    |             | Albacore.....            | 66,400      |
|                                    |             | Yellowtail.....          | 66,200      |
|                                    |             | Horse Mackerel.....      | 55,800      |
|                                    |             | Pismo Clam.....          | 19,800      |
|                                    |             | Bonito Tuna.....         | 17,500      |
|                                    |             | Shark.....               | 14,000      |
|                                    |             | All other.....           | 14,000      |
| Wilmington.....                    | \$1,171,500 | Yellowfin Tuna.....      | 410,700     |
|                                    |             | Sardine.....             | 307,200     |
|                                    |             | Skipjack Tuna.....       | 170,300     |
|                                    |             | Albacore.....            | 88,200      |
|                                    |             | Bluefin Tuna.....        | 62,900      |
|                                    |             | Yellowtail.....          | 42,700      |
|                                    |             | Pacific Mackerel.....    | 41,600      |
|                                    |             | Horse Mackerel.....      | 29,400      |
|                                    |             | Bonito Tuna.....         | 15,800      |
|                                    |             | Sablefish.....           | 2,700       |
| Newport.....                       | \$915,600   | Pacific Mackerel.....    | 384,900     |
|                                    |             | Albacore.....            | 185,900     |
|                                    |             | Barracuda.....           | 134,700     |
|                                    |             | Shark.....               | 90,300      |
|                                    |             | California Halibut.....  | 24,200      |
|                                    |             | Broadbill Swordfish..... | 19,800      |
|                                    |             | Sardine.....             | 14,800      |
|                                    |             | Anchovy.....             | 13,100      |
|                                    |             | Rock Bass.....           | 10,800      |
|                                    |             | Rockfish.....            | 8,800       |
|                                    |             | All other.....           | 28,300      |

TABLE 10  
**CALIFORNIA COMMERCIAL FISH LANDINGS—1943**  
 Values for Los Angeles Region, Indicating Leading Ports and Species

TABLE 10—Continued  
 CALIFORNIA COMMERCIAL FISH LANDINGS—1943  
 Values for Los Angeles Region, Indicating Leading Ports and Species

|                      |           |                          |           |
|----------------------|-----------|--------------------------|-----------|
| San Pedro.....       | \$763,600 | Barracuda.....           | \$281,900 |
|                      |           | Black Sea-bass.....      | 103,300   |
|                      |           | California Halibut.....  | 54,100    |
|                      |           | White Sea-bass.....      | 53,800    |
|                      |           | Shark.....               | 51,000    |
|                      |           | Bluefin Tuna.....        | 31,400    |
|                      |           | Pacific Mackerel.....    | 22,900    |
|                      |           | Cabrilla.....            | 22,000    |
|                      |           | Yellowtail.....          | 20,800    |
|                      |           | Smelt.....               | 20,600    |
|                      |           | Bonito Tuna.....         | 16,800    |
|                      |           | Albacore.....            | 16,000    |
|                      |           | Broadbill Swordfish..... | 14,800    |
|                      |           | Kingfish.....            | 8,700     |
|                      |           | Rockfish.....            | 8,600     |
|                      |           | Grouper.....             | 8,400     |
|                      |           | All other.....           | 28,500    |
| Santa Monica.....    | \$436,500 | Pacific Mackerel.....    | 221,600   |
|                      |           | Barracuda.....           | 63,500    |
|                      |           | Shark.....               | 51,300    |
|                      |           | California Halibut.....  | 33,400    |
|                      |           | Albacore.....            | 27,100    |
|                      |           | White Sea-bass.....      | 9,200     |
|                      |           | Anchovy.....             | 5,500     |
|                      |           | Rockfish.....            | 5,100     |
|                      |           | All other.....           | 19,800    |
| Redondo Beach.....   | \$74,200  | Pacific Mackerel.....    | 69,200    |
|                      |           | Spiny Lobster.....       | 1,500     |
|                      |           | All other.....           | 3,500     |
| Los Angeles.....     | \$70,100  | Spiny Lobster.....       | 47,900    |
|                      |           | Cabrilla.....            | 7,800     |
|                      |           | White Sea-bass.....      | 4,800     |
|                      |           | All other.....           | 9,600     |
| Avalon.....          | \$39,700  | Albacore.....            | 18,400    |
|                      |           | Broadbill Swordfish..... | 15,600    |
|                      |           | All other.....           | 5,700     |
| Costa Mesa.....      | \$16,200  | Shark.....               | 10,000    |
|                      |           | Spiny Lobster.....       | 5,500     |
|                      |           | All other.....           | 700       |
| All other ports..... | \$4,268   |                          |           |

TABLE 10  
 CALIFORNIA COMMERCIAL FISH LANDINGS—1943  
 Values for Los Angeles Region, Indicating Leading Ports and Species

TABLE 11  
 CALIFORNIA COMMERCIAL FISH LANDINGS—1943  
 Values for San Diego, Indicating Leading Ports and Species

|                       |             |                         |             |
|-----------------------|-------------|-------------------------|-------------|
| SAN DIEGO REGION..... | \$7,746,354 | 75,315,274 pounds       |             |
| San Diego.....        | \$6,690,200 | Yellowfin Tuna.....     | \$2,680,000 |
|                       |             | Skipjack Tuna.....      | 1,749,100   |
|                       |             | Albacore.....           | 1,538,500   |
|                       |             | Spiny Lobster.....      | 142,500     |
|                       |             | Barracuda.....          | 127,700     |
|                       |             | California Halibut..... | 62,600      |
|                       |             | Yellowtail.....         | 59,100      |
|                       |             | Black Sea-bass.....     | 51,500      |
|                       |             | Bluefin Tuna.....       | 48,400      |
|                       |             | Bonito Tuna.....        | 39,600      |
|                       |             | Sardine.....            | 38,500      |
|                       |             | Pismo Clam.....         | 34,600      |
|                       |             | White Sea-bass.....     | 22,600      |
|                       |             | Rockfish.....           | 19,800      |
|                       |             | Shark.....              | 17,100      |
|                       |             | Rock Bass.....          | 10,700      |
|                       |             | All other.....          | 47,900      |
| Point Loma.....       | \$1,053,900 | Albacore.....           | 441,300     |
|                       |             | Yellowfin Tuna.....     | 313,000     |
|                       |             | Skipjack Tuna.....      | 214,500     |
|                       |             | Bluefin Tuna.....       | 35,100      |
|                       |             | Sardine.....            | 19,500      |
|                       |             | Pacific Mackerel.....   | 13,000      |
|                       |             | Yellowtail.....         | 11,900      |
|                       |             | Bonito Tuna.....        | 5,600       |
| All other ports.....  | \$2,254     |                         |             |

TABLE 11  
 CALIFORNIA COMMERCIAL FISH LANDINGS—1943  
 Values for San Diego, Indicating Leading Ports and Species

TABLE 12  
**CALIFORNIA COMMERCIAL FISH LANDINGS—1944**  
 Values for Eureka Region, Indicating Leading Ports and Species

|                      |             |                       |           |
|----------------------|-------------|-----------------------|-----------|
| EUREKA REGION.....   | \$1,779,785 | 17,255,829 pounds     |           |
| Eureka.....          | \$1,197,900 | Salmon.....           | \$337,400 |
|                      |             | Rockfish.....         | 243,300   |
|                      |             | Sole.....             | 209,700   |
|                      |             | Shark.....            | 161,100   |
|                      |             | Sablefish.....        | 90,000    |
|                      |             | Northern Halibut..... | 38,400    |
|                      |             | Pacific Cultus.....   | 34,300    |
|                      |             | Whitebait.....        | 23,300    |
|                      |             | Sand Dab.....         | 15,800    |
|                      |             | Crab.....             | 15,400    |
|                      |             | Starry Flounder.....  | 10,500    |
|                      |             | Albacore.....         | 9,300     |
|                      |             | All other.....        | 9,400     |
| Fort Bragg.....      | \$409,900   | Salmon.....           | 267,700   |
|                      |             | Sablefish.....        | 102,600   |
|                      |             | Shark.....            | 10,100    |
|                      |             | Pacific Cultus.....   | 9,500     |
|                      |             | Albacore.....         | 5,400     |
|                      |             | Northern Halibut..... | 3,700     |
|                      |             | All other.....        | 10,900    |
| Crescent City.....   | \$166,500   | Salmon.....           | 114,000   |
|                      |             | Crab.....             | 24,700    |
|                      |             | Whitebait.....        | 7,600     |
|                      |             | Pacific Cultus.....   | 6,700     |
|                      |             | Shark.....            | 4,200     |
|                      |             | All other.....        | 9,300     |
| All other ports..... | \$5,485     |                       |           |

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TABLE 12  
**CALIFORNIA COMMERCIAL FISH LANDINGS—1944**  
 Values for Eureka Region, Indicating Leading Ports and Species

TABLE 13  
**CALIFORNIA COMMERCIAL FISH LANDINGS—1944**  
 Values for Sacramento Region, Indicating Leading Ports and Species

|                      |             |                   |           |
|----------------------|-------------|-------------------|-----------|
| SACRAMENTO REGION... | \$1,460,489 | 82,825,602 pounds |           |
| Pittsburg.....       | \$660,200   | Sardine.....      | \$278,600 |
|                      |             | Salmon.....       | 238,900   |
|                      |             | Shad.....         | 96,000    |
|                      |             | Catfish.....      | 45,700    |
|                      |             | All other.....    | 1,000     |
| Benicia.....         | \$356,500   | Sardine.....      | 356,500   |
| Martinez.....        | \$157,700   | Salmon.....       | 78,800    |
|                      |             | Sardine.....      | 68,700    |
|                      |             | Shad.....         | 10,200    |
| Port Chicago.....    | \$144,100   | Sardine.....      | 137,800   |
|                      |             | Salmon.....       | 3,800     |
|                      |             | Shad.....         | 2,500     |
| Sacramento.....      | \$64,600    | Salmon.....       | 47,500    |
|                      |             | Catfish.....      | 16,200    |
|                      |             | All other.....    | 900       |
| Collinsville.....    | \$55,500    | Salmon.....       | 43,500    |
|                      |             | Shad.....         | 12,000    |
| Stockton.....        | \$21,300    | Catfish.....      | 17,800    |
|                      |             | Salmon.....       | 3,500     |
| All other ports..... | \$589       |                   |           |

TABLE 13  
**CALIFORNIA COMMERCIAL FISH LANDINGS—1944**  
 Values for Sacramento Region, Indicating Leading Ports and Species

TABLE 14  
 CALIFORNIA COMMERCIAL FISH LANDINGS—1944  
 Values for San Francisco Region, Indicating Leading Ports and Species

| SAN FRANCISCO REGION_ \$3,683,230 |             | 218,162,866 pounds   |             |
|-----------------------------------|-------------|----------------------|-------------|
| Richmond.....                     | \$1,441,300 | Sardine.....         | \$1,437,500 |
|                                   |             | Shrimp.....          | 3,800       |
| San Francisco.....                | \$1,309,300 | Sardine.....         | 649,500     |
|                                   |             | Shark.....           | 270,100     |
|                                   |             | Crab.....            | 176,500     |
|                                   |             | Smelt.....           | 78,900      |
|                                   |             | Sole.....            | 49,900      |
|                                   |             | Salmon.....          | 34,900      |
|                                   |             | Sand Dab.....        | 11,200      |
|                                   |             | All other.....       | 38,300      |
| Point Reyes.....                  | \$377,900   | Salmon.....          | 278,800     |
|                                   |             | Crab.....            | 78,200      |
|                                   |             | Eastern Oyster.....  | 10,600      |
|                                   |             | All other.....       | 10,300      |
| Bay.....                          | \$251,300   | Salmon.....          | 103,300     |
|                                   |             | Crab.....            | 68,200      |
|                                   |             | Shark.....           | 29,100      |
|                                   |             | Sole.....            | 18,100      |
|                                   |             | Abalone.....         | 15,400      |
|                                   |             | All other.....       | 17,200      |
| McNears Point.....                | \$209,900   | Sardine.....         | 206,900     |
|                                   |             | Shrimp.....          | 3,000       |
| Menlo Park.....                   | \$36,900    | Salmon.....          | 20,400      |
|                                   |             | Crab.....            | 9,200       |
|                                   |             | Abalone.....         | 6,900       |
|                                   |             | All other.....       | 400         |
| Oakland.....                      | \$34,200    | Crab.....            | 31,200      |
|                                   |             | All other.....       | 3,000       |
| Hamlet.....                       | \$11,700    | Japanese Oyster..... | 11,700      |
| All other ports.....              | \$10,730    |                      |             |

TABLE 14  
 CALIFORNIA COMMERCIAL FISH LANDINGS—1944  
 Values for San Francisco Region, Indicating Leading Ports and Species

## DIVISION OF FISH AND GAME

TABLE 15  
**CALIFORNIA COMMERCIAL FISH LANDINGS—1944**  
 Values for Monterey Region, Indicating Leading Ports and Species

|                      |             |                    |   |
|----------------------|-------------|--------------------|---|
| MONTEREY REGION..... | \$6,352,114 | 517,393,136 pounds |   |
| Monterey.....        | \$5,383,800 |                    | Sardine..... \$4,877,600<br>Squid..... 297,000<br>Salmon..... 50,700<br>Albacore..... 35,600<br>Sablefish..... 33,800<br>Pacific Mackerel..... 17,100<br>Kingfish..... 11,100<br>Shark..... 11,000<br>Rockfish..... 10,100<br>Smelt..... 8,600<br>All other..... 31,200 |
| Moss Landing.....    | \$700,200   |                    | Sardine..... 694,200<br>Crab..... 3,200<br>All other..... 2,800   |
| Santa Cruz.....      | \$267,400   |                    | Sablefish..... 142,600<br>Salmon..... 39,700<br>Shark..... 21,300<br>Rockfish..... 19,200<br>Crab..... 14,600<br>Sole..... 10,800<br>Kingfish..... 5,500<br>All other..... 13,700   |
| All other ports..... | \$714       |                    |   |

TABLE 15  
**CALIFORNIA COMMERCIAL FISH LANDINGS—1944**  
 Values for Monterey Region, Indicating Leading Ports and Species

TABLE 16  
**CALIFORNIA COMMERCIAL FISH LANDINGS—1944**  
 Values for Santa Barbara Region, Indicating Leading Ports and Species

| SANTA BARBARA REGION | \$549,914 | 4,391,389 pounds         |          |
|----------------------|-----------|--------------------------|----------|
| Santa Barbara.....   | \$445,100 | California Halibut.....  | \$93,400 |
|                      |           | Abalone.....             | 88,800   |
|                      |           | Albacore.....            | 68,700   |
|                      |           | Shark.....               | 48,500   |
|                      |           | Broadbill Swordfish..... | 41,700   |
|                      |           | Spiny Lobster.....       | 34,700   |
|                      |           | Bluefin Tuna.....        | 14,900   |
|                      |           | Barracuda.....           | 12,900   |
|                      |           | Sheepshead.....          | 9,000    |
|                      |           | White Sea-bass.....      | 8,400    |
|                      |           | All other.....           | 24,100   |
| Morro.....           | \$41,500  | Japanese Oyster.....     | 24,000   |
|                      |           | Abalone.....             | 17,300   |
|                      |           | Pismo Clam.....          | 200      |
| San Simeon.....      | \$29,700  | Albacore.....            | 29,700   |
| Avila.....           | \$19,900  | Albacore.....            | 7,400    |
|                      |           | Shark.....               | 5,800    |
|                      |           | California Halibut.....  | 3,600    |
|                      |           | All other.....           | 3,100    |
| Cambria.....         | \$6,700   | Abalone.....             | 6,700    |
| Pismo Beach.....     | \$3,500   | Pismo Clam.....          | 2,500    |
|                      |           | All other.....           | 1,000    |
| All other ports..... | \$3,514   |                          |          |

TABLE 16  
**CALIFORNIA COMMERCIAL FISH LANDINGS—1944**  
 Values for Santa Barbara Region, Indicating Leading Ports and Species



## DIVISION OF FISH AND GAME

TABLE 17  
**CALIFORNIA COMMERCIAL FISH LANDINGS—1944**  
 Values for Los Angeles Region, Indicating Leading Ports and Species

| LOS ANGELES REGION....\$13,136,001 |             | 533,597,774 pounds       |             |
|------------------------------------|-------------|--------------------------|-------------|
| Terminal Island.....               | \$7,394,100 | Sardine.....             | \$2,874,800 |
|                                    |             | Yellowfin Tuna.....      | 1,366,300   |
|                                    |             | Bluefin Tuna.....        | 1,307,700   |
|                                    |             | Albacore.....            | 780,000     |
|                                    |             | Skipjack Tuna.....       | 467,000     |
|                                    |             | Pacific Mackerel.....    | 389,800     |
|                                    |             | Horse Mackerel.....      | 130,100     |
|                                    |             | Yellowtail.....          | 64,400      |
|                                    |             | Bonito Tuna.....         | 8,000       |
|                                    |             | All other.....           | 6,000       |
| Long Beach.....                    | \$2,345,600 | Sardine.....             | 725,500     |
|                                    |             | Bluefin Tuna.....        | 428,600     |
|                                    |             | Yellowfin Tuna.....      | 409,300     |
|                                    |             | Pismo Clam.....          | 313,700     |
|                                    |             | Pacific Mackerel.....    | 187,100     |
|                                    |             | Skipjack Tuna.....       | 126,600     |
|                                    |             | Horse Mackerel.....      | 61,200      |
|                                    |             | Albacore.....            | 30,700      |
|                                    |             | Yellowtail.....          | 22,500      |
|                                    |             | Anchovy.....             | 15,300      |
|                                    |             | Spiny Lobster.....       | 9,200       |
|                                    |             | All other.....           | 15,900      |
| Wilmington.....                    | \$1,185,000 | Yellowfin Tuna.....      | 503,500     |
|                                    |             | Sardine.....             | 346,200     |
|                                    |             | Skipjack Tuna.....       | 150,000     |
|                                    |             | Bluefin Tuna.....        | 68,500      |
|                                    |             | Pacific Mackerel.....    | 39,600      |
|                                    |             | Yellowtail.....          | 28,900      |
|                                    |             | Horse Mackerel.....      | 22,500      |
|                                    |             | Albacore.....            | 11,500      |
|                                    |             | Anchovy.....             | 10,100      |
|                                    |             | Mullet.....              | 4,200       |
| Newport.....                       | \$779,600   | Pacific Mackerel.....    | 462,000     |
|                                    |             | Barracuda.....           | 78,000      |
|                                    |             | Shark.....               | 74,400      |
|                                    |             | Albacore.....            | 43,500      |
|                                    |             | California Halibut.....  | 34,200      |
|                                    |             | Broadbill Swordfish..... | 24,900      |
|                                    |             | Sardine.....             | 17,300      |
|                                    |             | Anchovy.....             | 17,200      |
|                                    |             | Rock Bass.....           | 8,100       |
|                                    |             | All other.....           | 20,000      |
| Santa Monica.....                  | \$619,500   | Pacific Mackerel.....    | 454,700     |
|                                    |             | Barracuda.....           | 57,600      |
|                                    |             | Shark.....               | 45,700      |
|                                    |             | California Halibut.....  | 40,100      |
|                                    |             | Anchovy.....             | 4,200       |
|                                    |             | All other.....           | 17,200      |

TABLE 17  
**CALIFORNIA COMMERCIAL FISH LANDINGS—1944**  
 Values for Los Angeles Region, Indicating Leading Ports and Species

TABLE 17—Continued  
**CALIFORNIA COMMERCIAL FISH LANDINGS—1944**  
 Values for Los Angeles Region, Indicating Leading Ports and Species

|                      |           |                          |           |
|----------------------|-----------|--------------------------|-----------|
| San Pedro.....       | \$594,800 | Barracuda.....           | \$226,500 |
|                      |           | California Halibut.....  | 58,500    |
|                      |           | Black Sea-bass.....      | 43,600    |
|                      |           | Yellowtail.....          | 34,400    |
|                      |           | Shark.....               | 32,700    |
|                      |           | White Sea-bass.....      | 30,200    |
|                      |           | Cabrilla.....            | 27,200    |
|                      |           | Spiny Lobster.....       | 25,000    |
|                      |           | Pacific Mackerel.....    | 24,300    |
|                      |           | Smelt.....               | 14,700    |
|                      |           | Bluefin Tuna.....        | 13,800    |
|                      |           | Bonito Tuna.....         | 10,700    |
|                      |           | Albacore.....            | 10,400    |
|                      |           | All other.....           | 42,800    |
| Redondo Beach.....   | \$132,200 | Pacific Mackerel.....    | 123,600   |
|                      |           | Barracuda.....           | 4,000     |
|                      |           | Spiny Lobster.....       | 2,900     |
|                      |           | All other.....           | 1,700     |
| Avalon.....          | \$61,900  | Broadbill Swordfish..... | 58,700    |
|                      |           | All other.....           | 3,200     |
| Costa Mesa.....      | \$10,000  | Shark.....               | 7,300     |
|                      |           | All other.....           | 2,700     |
| All other ports..... | \$13,301  |                          |           |

TABLE 17  
**CALIFORNIA COMMERCIAL FISH LANDINGS—1944**  
 Values for Los Angeles Region, Indicating Leading Ports and Species

TABLE 18  
**CALIFORNIA COMMERCIAL FISH LANDINGS—1944**  
 Values for San Diego Region, Indicating Leading Ports and Species

|                       |             |                          |             |
|-----------------------|-------------|--------------------------|-------------|
| SAN DIEGO REGION..... | \$9,167,912 | 85,315,045 pounds        |             |
| San Diego.....        | \$7,838,300 | Yellowfin Tuna.....      | \$3,499,800 |
|                       |             | Albacore.....            | 1,949,300   |
|                       |             | Skipjack.....            | 1,677,800   |
|                       |             | Spiny Lobster.....       | 162,200     |
|                       |             | Broadbill Swordfish..... | 92,600      |
|                       |             | Barracuda.....           | 86,300      |
|                       |             | Yellowtail.....          | 75,500      |
|                       |             | Bluefin Tuna.....        | 67,600      |
|                       |             | California Halibut.....  | 50,200      |
|                       |             | Bonita Tuna.....         | 35,100      |
|                       |             | Black Sea-bass.....      | 29,100      |
|                       |             | Sardine.....             | 25,000      |
|                       |             | Shark.....               | 23,500      |
|                       |             | Grouper.....             | 14,600      |
|                       |             | Mullet.....              | 10,800      |
|                       |             | Rock Bass.....           | 8,800       |
|                       |             | All other.....           | 30,100      |
| Point Loma.....       | \$1,326,500 | Albacore.....            | 498,600     |
|                       |             | Yellowfin Tuna.....      | 489,200     |
|                       |             | Skipjack.....            | 272,800     |
|                       |             | Bluefin Tuna.....        | 37,300      |
|                       |             | Sardine.....             | 14,800      |
|                       |             | Yellowtail.....          | 8,500       |
|                       |             | Bonito Tuna.....         | 5,300       |
| All other ports.....  | \$3,112     |                          |             |

TABLE 18  
**CALIFORNIA COMMERCIAL FISH LANDINGS—1944**  
 Values for San Diego Region, Indicating Leading Ports and Species

### 3. COMMERCIAL FISHERMEN

The commercial fishing license season in California is from April 1st of one year through March 31st of the following calendar year. Although there was considerable turnover in the personnel of the fleet as a result of the war, the tables of number of licenses sold show a rather steady increase from season to season. Many fishermen entered the armed services or defense plants and were replaced by new men, but such changes do not appear in a table of totals. The elimination of alien fishermen from the fleet after Pearl Harbor Day resulted only in a small drop in the total number of fishermen in the season 1942-1943. The increased number in 1943-1944 probably is to be partially explained by the fact that some operators of sport fishing and pleasure boats were attracted to commercial trolling by the large albacore catch of 1942 and the record catch of 1943. Also many pleasure boat operators purchased licenses and registered their boats with the Division of Fish and Game in the hope that the United States Coast Guard would give them clearance from port as commercial fishermen. In other cases the license was purchased so that it could be used to influence local boards in draft classification and gasoline allotments. As a result, several hundred license holders did not deliver fish. It is probable that the number of commercial licenses sold in future years will more closely indicate the number of active fishermen.

**NUMBER OF COMMERCIAL FISHING LICENSES SOLD IN CALIFORNIA**

|                 |        |
|-----------------|--------|
| 1937-1938 ..... | 7,665  |
| 1938-1939 ..... | 7,793  |
| 1939-1940 ..... | 8,724  |
| 1940-1941 ..... | 9,047  |
| 1941-1942 ..... | 9,344  |
| 1942-1943 ..... | 9,043  |
| 1943-1944 ..... | 11,804 |
| 1944-1945 ..... | 10,871 |

**TABLE 19**  
**NATIVITY OF LICENSED FISHERMEN**  
License Year 1943-1944

|                               | <i>Number of<br/>fishermen</i> |
|-------------------------------|--------------------------------|
| United States.....            | 7,880                          |
| Italy.....                    | 1,374                          |
| Jugoslavia.....               | 909                            |
| Norway.....                   | 360                            |
| Portugal.....                 | 341                            |
| Great Britain.....            | 245                            |
| Sweden.....                   | 94                             |
| Russia.....                   | 64                             |
| Mexico.....                   | 63                             |
| Denmark.....                  | 61                             |
| Spain.....                    | 59                             |
| Finland.....                  | 56                             |
| Germany.....                  | 54                             |
| Greece.....                   | 51                             |
| Netherlands.....              | 28                             |
| France.....                   | 23                             |
| All others.....               | 142                            |
| Total licensed fishermen..... | 11,804                         |

*TABLE 19*  
*NATIVITY OF LICENSED FISHERMEN*  
*License Year 1943-1944*

**TABLE 20**  
**NATIVITY OF LICENSED FISHERMEN**  
License Year 1944-1945

|                               | <i>Number of<br/>fishermen</i> |
|-------------------------------|--------------------------------|
| United States.....            | 6,836                          |
| Italy.....                    | 1,400                          |
| Jugoslavia.....               | 896                            |
| Norway.....                   | 460                            |
| Portugal.....                 | 348                            |
| Great Britain.....            | 211                            |
| Sweden.....                   | 107                            |
| Mexico.....                   | 74                             |
| Spain.....                    | 63                             |
| Denmark.....                  | 62                             |
| Germany.....                  | 55                             |
| Finland.....                  | 52                             |
| Russia.....                   | 52                             |
| Greece.....                   | 48                             |
| Austria.....                  | 44                             |
| France.....                   | 27                             |
| Netherlands.....              | 22                             |
| All others.....               | 114                            |
| Total licensed fishermen..... | 10,871                         |

*TABLE 20*  
*NATIVITY OF LICENSED FISHERMEN*  
*License Year 1944-1945*

**TABLE 21**  
**CITIZENSHIP**

**1943-1944 Licensed Commercial Fishermen**

|   |        |
|---|--------|
| Citizens:   |        |
| United States born.....   | 7,880  |
| Foreign-born United States citizens.....  | 13     |
| Naturalized citizens.....   | 2,625  |
| Noncitizens:  |        |
| First naturalization papers.....  | 758    |
| Aliens.....   | 411    |
| Nativity not given.....   | 28     |
| Citizenship not given.....  | 89     |
| <hr/>   |        |
| Total licensed commercial fishermen, license year April 1,<br>1943, through March 31, 1944..... | 11,804 |

*TABLE 21*  
*CITIZENSHIP*  
*1943-1944 Licensed Commercial Fishermen*

**TABLE 22**  
**CITIZENSHIP**

**1944-1945 Licensed Commercial Fishermen**

|   |        |
|---|--------|
| Citizens:   |        |
| United States born.....   | 6,836  |
| Foreign-born United States citizens.....  | 7      |
| Naturalized citizens.....   | 2,901  |
| Noncitizens:  |        |
| First naturalization papers.....  | 553    |
| Aliens.....   | 471    |
| Nativity not given.....   | 26     |
| Citizenship not given.....  | 77     |
| <hr/>   |        |
| Total licensed commercial fishermen, license year April 1,<br>1944, through March 31, 1945..... | 10,871 |

*TABLE 22*  
*CITIZENSHIP*  
*1944-1945 Licensed Commercial Fishermen*

TABLE 23  
CALIFORNIA COMMERCIAL FISHERMEN, LICENSE YEAR 1943-1944

| <i>Region of residence</i>  | <i>Nativity</i>    | <i>Number of fishermen</i> | <i>Total</i> |
|---|--------------------|----------------------------|--------------|
| Eureka.....   | United States..... | 205                        | 315          |
|   | Finland.....       | 32                         |              |
|   | Denmark.....       | 13                         |              |
|   | Norway.....        | 13                         |              |
|   | Sweden.....        | 13                         |              |
|   | All others.....    | 39                         |              |
| Sacramento.....   | United States..... | 277                        | 442          |
|   | Italy.....         | 119                        |              |
|   | Greece.....        | 22                         |              |
|   | All others.....    | 24                         |              |
| San Francisco.....  | United States..... | 732                        | 1,347        |
|   | Italy.....         | 381                        |              |
|   | Norway.....        | 81                         |              |
|   | Jugoslavia.....    | 32                         |              |
|   | Great Britain..... | 27                         |              |
|   | Sweden.....        | 24                         |              |
|   | All others.....    | 70                         |              |
| Monterey.....   | United States..... | 477                        | 968          |
|   | Italy.....         | 374                        |              |
|   | Spain.....         | 37                         |              |
|   | Portugal.....      | 18                         |              |
|   | All others.....    | 62                         |              |
| Santa Barbara.....  | United States..... | 227                        | 276          |
|   | Italy.....         | 11                         |              |
|   | All others.....    | 38                         |              |
| Los Angeles.....  | United States..... | 4,955                      | 6,537        |
|   | Jugoslavia.....    | 819                        |              |
|   | Italy.....         | 235                        |              |
|   | Great Britain..... | 170                        |              |
|   | Norway.....        | 59                         |              |
|   | Russia.....        | 45                         |              |
|   | All others.....    | 254                        |              |
| San Diego.....  | United States..... | 894                        | 1,552        |
|   | Portugal.....      | 280                        |              |
|   | Italy.....         | 245                        |              |
|   | Mexico.....        | 31                         |              |
|   | All others.....    | 102                        |              |
| Alaska, Washington and Oregon fishermen licensed in California...               | Norway.....        | 181                        | 354          |
|   | United States..... | 113                        |              |
|   | Jugoslavia.....    | 32                         |              |
|   | All others.....    | 28                         |              |
| Mexican fishermen licensed in California.....                                   | Mexico.....        | 13                         | 13           |
| Total licensed commercial fishermen, April 1, 1943, through March 31, 1944..... |                    |                            | 11,804       |

TABLE 23  
CALIFORNIA COMMERCIAL FISHERMEN, LICENSE YEAR 1943-1944

TABLE 24  
CALIFORNIA COMMERCIAL FISHERMEN, LICENSE YEAR 1944-1945.

| <i>Region of residence</i>  | <i>Nativity</i>    | <i>Number of fishermen</i> | <i>Total</i> |
|---|--------------------|----------------------------|--------------|
| Eureka.....   | United States..... | 252                        | 365          |
|   | Finland.....       | 30                         |              |
|   | Denmark.....       | 17                         |              |
|   | Sweden.....        | 16                         |              |
|   | Norway.....        | 14                         |              |
|   | All others.....    | 36                         |              |
| Sacramento.....   | United States..... | 329                        | 501          |
|   | Italy.....         | 125                        |              |
|   | Greece.....        | 19                         |              |
|   | All others.....    | 28                         |              |
| San Francisco.....  | United States..... | 824                        | 1,469        |
|   | Italy.....         | 390                        |              |
|   | Norway.....        | 82                         |              |
|   | Jugoslavia.....    | 37                         |              |
|   | Sweden.....        | 26                         |              |
|   | Great Britain..... | 24                         |              |
| All others.....   | 86                 |                            |              |
| Monterey.....   | United States..... | 507                        | 1,007        |
|   | Italy.....         | 375                        |              |
|   | Spain.....         | 43                         |              |
|   | Portugal.....      | 15                         |              |
|   | All others.....    | 67                         |              |
| Santa Barbara.....  | United States..... | 293                        | 347          |
|   | Italy.....         | 14                         |              |
|   | All others.....    | 40                         |              |
| Los Angeles.....  | United States..... | 3,503                      | 4,978        |
|   | Jugoslavia.....    | 788                        |              |
|   | Italy.....         | 228                        |              |
|   | Great Britain..... | 131                        |              |
|   | Norway.....        | 55                         |              |
|   | Austria.....       | 33                         |              |
|   | Russia.....        | 33                         |              |
|   | Finland.....       | 27                         |              |
|   | Sweden.....        | 27                         |              |
|   | All others.....    | 153                        |              |
| San Diego.....  | United States..... | 963                        | 1,648        |
|   | Portugal.....      | 279                        |              |
|   | Italy.....         | 259                        |              |
|   | Great Britain..... | 29                         |              |
|   | Mexico.....        | 28                         |              |
|   | Sweden.....        | 23                         |              |
|   | All others.....    | 67                         |              |
| Alaska, Washington and Oregon fishermen licensed in California.....             | Norway.....        | 279                        | 522          |
|   | United States..... | 165                        |              |
|   | Jugoslavia.....    | 45                         |              |
|   | All others.....    | 33                         |              |
| Mexican fishermen licensed in California.....                                   | Mexico.....        | 34                         | 34           |
| Total licensed commercial fishermen, April 1, 1944, through March 31, 1945..... |                    |                            | 10,871       |

TABLE 24  
CALIFORNIA COMMERCIAL FISHERMEN, LICENSE YEAR 1944-1945

## 4. COMMERCIAL FISHING FLEET

Commercial fishing boats are registered with the California Division of Fish and Game by the license season which is April 1st through the following March 31st. The total figures showing the number of boats registered each season do not fully explain the changes that have occurred in the fleet. In order to contrast small and large boats in the accompanying table the boats are divided into those under 40 feet in length and those 40 feet and over.

| Season    | Under 40 feet | 40 feet and over | Total |
|-----------|---------------|------------------|-------|
| 1939-1940 | 2253          | 857              | 3110  |
| 1940-1941 | 2510          | 944              | 3454  |
| 1941-1942 | 2331          | 871              | 3202  |
| 1942-1943 | 2264          | 701              | 2965  |
| 1943-1944 | 2929          | 797              | 3726  |
| 1944-1945 | 2852          | 930              | 3782  |

The 1943-1944 increase of 665 small boats over the previous season probably was due largely to the increased registration of pleasure and sport fishing boats. The small boat totals for the last two seasons are abnormally high and do not represent the boats of this class that were actively engaged in full time commercial fishing.

The registration of large fishing boats, as contrasted with boats under 40 feet, represents active units of the fishing fleet. The numbers registered during the last two seasons show an increase over the early war years and almost equal the numbers registered during the prewar seasons. In the first years of the war roughly 95 purse seine boats and 38 tuna vessels were taken over by our armed services. When the government small boat building program began to catch up with our war needs, the fishing vessels which had been used by the government as substitutes were gradually relinquished to their original owners. The increase in numbers of the large boats registered during the last two seasons may be accounted for by the return of these vessels to commercial fishing together with the construction of new boats during the war period and the transfer of some boats to this State from Washington and Oregon.

**TABLE 25**  
**COMMERCIAL FISHING FLEET—1943-1944**

| Region of home port                 | Number of boats, grouped by length |               |               |               |                  | Total number of boats for each region |
|-------------------------------------|------------------------------------|---------------|---------------|---------------|------------------|---------------------------------------|
|                                     | Up to 24 feet                      | 25 to 39 feet | 40 to 64 feet | 65 to 84 feet | 85 feet and over |                                       |
| Eureka .....                        | 23                                 | 210           | 53            | -----         | -----            | 286                                   |
| Sacramento .....                    | 108                                | 140           | 4             | -----         | -----            | 252                                   |
| San Francisco .....                 | 43                                 | 399           | 77            | 22            | 2                | 543                                   |
| Monterey .....                      | 119                                | 187           | 23            | 30            | -----            | 359                                   |
| Santa Barbara .....                 | 31                                 | 73            | 25            | -----         | -----            | 129                                   |
| Los Angeles .....                   | 382                                | 950           | 238           | 94            | 14               | 1,678                                 |
| San Diego .....                     | 81                                 | 178           | 78            | 40            | 27               | 404                                   |
| Alaska, Washington and Oregon ..... | -----                              | 5             | 15            | 51            | 4                | 75                                    |
| Total number of boats .....         | 787                                | 2,142         | 513           | 237           | 47               | 3,726                                 |

*TABLE 25*  
*COMMERCIAL FISHING FLEET—1943-1944*



**TABLE 26**  
**COMMERCIAL FISHING FLEET—1944-1945**

| Region of home port                 | Number of boats, grouped by length |               |               |               |                  | Total number of boats for each region |
|-------------------------------------|------------------------------------|---------------|---------------|---------------|------------------|---------------------------------------|
|                                     | Up to 24 feet                      | 25 to 39 feet | 40 to 64 feet | 65 to 84 feet | 85 feet and over |                                       |
| Eureka .....                        | 30                                 | 225           | 55            | -----         | -----            | 310                                   |
| Sacramento .....                    | 129                                | 150           | 4             | -----         | -----            | 283                                   |
| San Francisco .....                 | 68                                 | 471           | 92            | 22            | 2                | 655                                   |
| Monterey .....                      | 98                                 | 203           | 21            | 56            | 1                | 379                                   |
| Santa Barbara .....                 | 38                                 | 63            | 26            | -----         | -----            | 127                                   |
| Los Angeles .....                   | 204                                | 815           | 266           | 107           | 15               | 1,467                                 |
| San Diego .....                     | 80                                 | 212           | 89            | 37            | 37               | 455                                   |
| Alaska, Washington and Oregon ..... | -----                              | 6             | 40            | 55            | 5                | 106                                   |
| Total number of boats.....          | 707                                | 2,145         | 593           | 277           | 60               | 3,782                                 |

*TABLE 26*  
*COMMERCIAL FISHING FLEET—1944-1945*

## 5. FISHING-PARTY VESSELS

Every person operating a fishing-party vessel for profit in this State must first obtain from the Division of Fish and Game a permit good for one calendar year. A record of these party-permit boats is included with the regular commercial fishing fleet because they draw upon the same supply of fish. The majority of the owners and operators hold commercial fishing licenses and sell the excess catch to the fresh fish markets and canneries.

The number of party vessels under permit has dropped steadily from 553 in 1941 to 235 in 1944. During this four-year period ocean sport fishing was so curtailed that many of the party boats turned to commercial fishing and some were tied up in port awaiting a happier day when Coast Guard restrictions and gasoline rationing could be lifted.

**TABLE 27**  
**FISHING PARTY VESSELS**

|   | 1943 | 1944 |
|---|------|------|
| Boat owners with market fishermen's licenses..... | 202  | 173  |
| Boat owners with party permits only.....          | 79   | 62   |
| Total party-permit or "sport" boats.....          | 281  | 235  |

*TABLE 27*  
*FISHING PARTY VESSELS*

## 6. SHIPMENTS INTO CALIFORNIA

The primary object of this bulletin is to record the fish delivered by commercial fishing boats to California ports. In addition shipments of fresh fish by truck, rail or cargo vessel to California from outside the State are included. Shipments of frozen, processed or canned fish to our markets and wholesalers are not included.

1943 shipments included in the state-wide tables are as follows:

|  | <i>Pounds</i> |
|--|---------------|
| To canneries from south of the international boundary, Pismo clam only | 565,764       |
| To fresh fish markets from south of the international boundary—        |               |
| Spiny lobster  | 218,692       |
| Miscellaneous fish   | 284,249       |

1944 shipments included in the state-wide tables are as follows:

|   | <i>Pounds</i> |
|---|---------------|
| To canneries from north of the State line, albacore only        | 2,535,547     |
| To canneries from south of the international boundary—          |               |
| Yellowfin tuna  | 899,862       |
| Skipjack tuna   | 72,859        |
| Pismo clam  | 11,719,792    |
| To fresh fish markets from south of the international boundary— |               |
| Spiny lobster   | 147,878       |
| Miscellaneous fish  | 10,740        |

## 7. STATISTICAL REGIONS

The boundaries of the regions of landings shown in the tables are as follows:

- Eureka region: Del Norte, Humboldt and Mendocino counties. .
- Sacramento region: Sacramento and San Joaquin river systems with the delta areas, including Suisun Bay and Lake County.
- San Francisco region: Sonoma, Marin, San Francisco and San Mateo counties, including San Francisco and San Pablo bays; Alameda and Contra Costa counties to Carquinez Straits.
- Monterey region: Santa Cruz and Monterey counties. .
- Santa Barbara region: San Luis Obispo, Santa Barbara and Ventura counties.
- Los Angeles region: Los Angeles and Orange counties. .
- San Diego region: San Diego and Imperial counties. .

## 8. CONVERSION FACTORS

The following conversion factors are used when shellfish are reported in numbers rather than in pounds; or cleaned weight instead of round weight: “Crabs, 2 pounds each; abalones, 50 pounds per dozen; gaper clams, 2 pounds each; Pismo clams, 24 pounds per limit of 15; Mexican Pismo clams, 8 pounds for each 1 pound cleaned weight; Washington claims, 7 pounds per dozen; eastern oysters, 30 pounds per hundred; Japanese oysters, 50 pounds per hundred or 8 pounds per gallon cleaned.”



TABLE 28  
ORIGIN OF COMMERCIAL FISH LANDINGS IN CALIFORNIA DURING 1943

| Species                   | California    | North of the State Boundary | South of the International Boundary | Total pounds  |
|---------------------------|---------------|-----------------------------|-------------------------------------|---------------|
| Anchovy.....              | 1,570,803     |                             |                                     | 1,570,803     |
| Barracuda.....            | 2,382,824     |                             | 1,392,454                           | 3,775,278     |
| Cabezone.....             | 7,519         |                             |                                     | 7,519         |
| Cabrilla.....             |               |                             | 233,886                             | 233,886       |
| Carp.....                 | 17,241        |                             |                                     | 17,241        |
| Catfish.....              | 209,435       |                             |                                     | 209,435       |
| Corbina, Mexican.....     |               |                             | 5,106                               | 5,106         |
| Cultus, Pacific.....      | 718,703       | 425                         | 190                                 | 719,318       |
| Flounder, Starry.....     | 504,391       | 1,008                       |                                     | 505,399       |
| Flying Fish.....          | 2,271         |                             |                                     | 2,271         |
| Grouper.....              |               |                             | 81,887                              | 81,887        |
| Hake.....                 | 10,499        |                             |                                     | 10,499        |
| Halibut, California.....  | 710,894       |                             | 410,779                             | 1,121,673     |
| Halibut, Northern.....    | 270,881       | 565                         |                                     | 271,446       |
| Hardhead.....             | 2,796         |                             |                                     | 2,796         |
| Herring, Pacific.....     | 630,358       |                             |                                     | 630,358       |
| Kingfish.....             | 395,606       |                             | 27                                  | 395,633       |
| Mackerel, Horse.....      | 12,698,931    |                             |                                     | 12,698,931    |
| Mackerel, Pacific.....    | 75,249,954    |                             | 13,628                              | 75,263,582    |
| Mackerel, Spanish.....    |               |                             | 18,652                              | 18,652        |
| Mullet.....               | 69,063        |                             | 7,218                               | 73,281        |
| Perch.....                | 112,822       |                             |                                     | 112,822       |
| Pike.....                 | 273           |                             |                                     | 273           |
| Pompano, California.....  | 5,168         |                             |                                     | 5,168         |
| Rock Bass.....            | 144,203       |                             | 53,929                              | 198,132       |
| Rockfish.....             | 2,555,556     | 346                         | 206,290                             | 2,762,192     |
| Sablefish.....            | 3,293,905     |                             | 1,469                               | 3,295,374     |
| Salmon.....               | 6,580,034     |                             |                                     | 6,580,034     |
| Sand Dab.....             | 504,329       | 1,009                       |                                     | 505,338       |
| Sardine.....              | 972,269,390   |                             | 525                                 | 972,269,915   |
| Sculpin.....              | 35,983        |                             | 6,567                               | 42,550        |
| Sea-bass, Black.....      | 19,271        |                             | 631,594                             | 700,865       |
| Sea-bass, White.....      | 379,178       |                             | 121,005                             | 500,183       |
| Shad.....                 | 2,348,047     |                             |                                     | 2,348,047     |
| Shark.....                | 3,680,481     | 36,319                      | 12,534                              | 3,729,334     |
| Sheepshead.....           | 124,698       |                             | 26,350                              | 151,048       |
| Skate.....                | 80,909        |                             | 200                                 | 81,109        |
| Smelt.....                | 1,565,059     |                             | 1,214                               | 1,566,273     |
| Sole.....                 | 4,759,757     | 22,420                      | 202                                 | 4,782,379     |
| Split-tail.....           | 10,925        |                             |                                     | 10,925        |
| Swordfish, Broadbill..... | 317,628       |                             | 18,758                              | 336,386       |
| Tuna, Albacore.....       | 11,885,815    |                             | 9,499,049                           | 21,384,864    |
| Tuna, Bluefin.....        | 7,663,887     |                             | 2,514,881                           | 10,178,768    |
| Tuna, Bonito.....         | 801,535       |                             | 1,480,764                           | 2,282,299     |
| Tuna, Skipjack.....       | 17,904        |                             | 28,875,880                          | 28,893,784    |
| Tuna, Yellowfin.....      | 2,058         |                             | 49,259,270                          | 49,261,328    |
| Turbot.....               | 38,047        |                             |                                     | 38,047        |
| Whitebait.....            | 141,397       |                             |                                     | 141,397       |
| Whitefish, Ocean.....     | 42,015        |                             | 55,419                              | 97,434        |
| Yellowtail.....           | 33,346        |                             | 4,901,620                           | 4,934,966     |
| Miscellaneous Fish.....   | 158,698       |                             | 2,261                               | 160,959       |
| Crustacean:               |               |                             |                                     |               |
| Crab.....                 | 2,315,338     |                             |                                     | 2,315,338     |
| Lobster, Spiny.....       | 298,377       |                             | 687,148                             | 985,525       |
| Shrimp.....               | 253,258       |                             |                                     | 253,258       |
| Mollusk:                  |               |                             |                                     |               |
| Abalone.....              | 680,274       |                             | 170                                 | 680,444       |
| Clam, Gaper.....          | 120           |                             |                                     | 120           |
| Clam, Pismo.....          | 45,870        |                             | 565,764                             | 611,634       |
| Clam, Soft-shell.....     | 46,557        |                             |                                     | 46,557        |
| Clam, Washington.....     | 728           |                             |                                     | 728           |
| Octopus.....              | 18,020        |                             |                                     | 18,020        |
| Oyster, Eastern.....      | 79,878        |                             |                                     | 79,878        |
| Oyster, Japanese.....     | 741,105       |                             |                                     | 741,105       |
| Oyster, Native.....       | 30,448        |                             |                                     | 30,448        |
| Squid.....                | 9,164,361     |                             |                                     | 9,164,361     |
| Total pounds.....         | 1,128,607,741 | 62,092                      | 101,137,093                         | 1,229,806,926 |

This table includes actual landings at California ports by the commercial fishing fleet as well as shipments from other states and foreign countries by truck, rail and ocean liner to California canneries and to the fresh fish dealers. For detail see page 41.

TABLE 28  
ORIGIN OF COMMERCIAL FISH LANDINGS IN CALIFORNIA DURING 1943

TABLE 29  
POUNDS AND VALUE OF COMMERCIAL FISH LANDINGS IN CALIFORNIA DURING 1943

| Species              | Eureka Region |          | Sacramento Region |         | San Francisco Region |           | Monterey Region |           |
|----------------------|---------------|----------|-------------------|---------|----------------------|-----------|-----------------|-----------|
|                      | Pounds        | Value    | Pounds            | Value   | Pounds               | Value     | Pounds          | Value     |
| Anchovy              |               |          |                   |         | 78,793               | \$2,533   | 168,432         | \$3,460   |
| Barracuda            |               |          |                   |         |                      |           |                 |           |
| Cabezon              |               |          |                   |         | 140                  | 6         | 7,279           | 194       |
| Carp                 |               |          | 16,715            | \$501   |                      |           |                 |           |
| Catfish              |               |          | 299,485           | 46,925  |                      |           |                 |           |
| Carlin, Marine       |               |          |                   |         |                      |           |                 |           |
| Cod, Pacific         | 478,785       | \$44,713 |                   |         | 151,410              | 12,712    | 84,802          | 7,159     |
| Cod, Atlantic        | 311,135       | 13,889   |                   |         | 100,003              | 8,278     | 14,279          | 926       |
| Flounder, Starry     |               |          |                   |         |                      |           |                 |           |
| Frying Fish          |               |          |                   |         |                      |           |                 |           |
| Grouper              | 6,427         | 528      |                   |         | 3,037                | 57        | 1,615           | 11        |
| Hake                 | 270,274       | 52,116   |                   |         | 10,859               | 1,612     | 15,211          | 3,106     |
| Halibut, California  |               |          |                   |         | 1,679                | 138       |                 |           |
| Halibut, Northern    |               |          | 2,796             | 512     |                      |           |                 |           |
| Hardhead             | 125,534       | 3,085    |                   |         | 495,132              | 13,899    | 6,150           | 188       |
| Herring, Pacific     |               |          |                   |         | 4,829                | 381       | 293,529         | 14,332    |
| Kingfish             |               |          | 155,590           | *16     |                      |           | 152,758         | 10,678    |
| Mackerel, Hong       |               |          | 231,500           | *23     | 151,191              | 2,505     | 4,430,090       | 84,103    |
| Mackerel, Pacific    |               |          |                   |         |                      |           |                 |           |
| Mackerel, Spanish    |               |          |                   |         |                      |           |                 |           |
| Mullet               | 24,267        | 1,980    |                   |         | 28,694               | 3,818     | 13,879          | 1,223     |
| Perch                |               |          | 273               | 20      |                      |           |                 |           |
| Pike                 |               |          |                   |         | 168                  | 162       | 396             | 271       |
| Pompano, California  |               |          |                   |         |                      |           |                 |           |
| Rock Bass            | 1,275,468     | 62,334   |                   |         | 202,731              | 17,920    | 684,754         | 55,067    |
| Rockfish             | 1,997,694     | 169,509  |                   |         | 36,901               | 3,135     | 1,221,734       | 93,900    |
| Sablefish            | 2,162,368     | 418,710  | 1,295,424         | 202,140 | 2,021,208            | 369,007   | 1,101,634       | 238,817   |
| Salmon               | 280,565       | 15,129   |                   |         | 143,522              | 10,154    | 75,653          | 7,469     |
| Sand Dab             | 402           | 14       | 73,945,540        | 909,801 | 171,030,277          | 1,597,467 | 439,702,334     | 4,593,073 |
| Sardine              |               |          |                   |         |                      |           |                 |           |
| Scupin               |               |          |                   |         |                      |           |                 |           |
| Sea-bass, Black      |               |          |                   |         |                      |           |                 |           |
| Sea-bass, White      | 3,114         | 567      |                   |         | 15,948               | 2,832     | 62,897          | 12,607    |
| Shad                 |               |          | 2,247,002         | 114,633 |                      |           | 145             | 10        |
| Shark                | 1,070,856     | 738,615  |                   |         | 1,094,882            | 716,825   | 326,788         | 65,540    |
| Shrewsbury           |               |          |                   |         |                      |           |                 |           |
| Skate                | 16,695        | 213      |                   |         | 34,116               | 520       | 16,777          | 431       |
| Stickle              | 66,351        | 5,911    |                   |         | 989,619              | 63,332    | 252,011         | 16,650    |
| Sole                 | 3,449,278     | 188,352  |                   |         | 995,257              | 56,594    | 86,134          | 6,075     |
| Spillfish            |               |          | 10,525            | 614     |                      |           |                 |           |
| Swordfish, Broadbill |               |          |                   |         |                      |           |                 |           |

TABLE 29  
POUNDS AND VALUE OF COMMERCIAL FISH LANDINGS IN CALIFORNIA DURING 1943

|                             |            |             |            |             |             |             |             |             |
|-----------------------------|------------|-------------|------------|-------------|-------------|-------------|-------------|-------------|
| Tuna, Albacore.....         | 488,891    | 79,364      |            |             | 474,332     | 77,008      | 300,549     | 48,831      |
| Tuna, Bluefin.....          |            |             |            |             | 43,182      | 4,102       |             | 18          |
| Tuna, Bonito.....           |            |             |            |             |             |             | 112         |             |
| Tuna, Skipjack.....         |            |             |            |             |             |             |             |             |
| Tuna, Yellowfin.....        |            |             |            |             |             |             |             |             |
| Turbot.....                 | 8,601      | 390         |            |             | 13,198      | 894         | 705         | 45          |
| Whitefish.....              | 137,350    | 18,850      |            |             | 3,457       | 494         |             |             |
| Whitefish, Ocean.....       |            |             |            |             |             |             |             |             |
| Yellowtail.....             |            |             |            |             |             |             |             |             |
| Miscellaneous Fish.....     | 46,150     | 2,563       |            |             | 26,174      | 1,458       | 2,229       | 73          |
| Crustaceans:                |            |             |            |             |             |             |             |             |
| Crab.....                   | 229,058    | 27,940      |            |             | 2,021,568   | 315,498     | 54,724      | 9,840       |
| Lechter, Spiny.....         |            |             |            |             |             |             |             |             |
| Shrimp.....                 |            |             |            |             | 250,215     | 9,956       | 43          | 12          |
| Mollusk:                    |            |             |            |             |             |             |             |             |
| Alaskan.....                |            |             |            |             | 5,891       | 707         | 100         | 12          |
| Clam, Gaper.....            |            |             |            |             | 120         | 3           |             |             |
| Clam, Furrow.....           |            |             |            |             |             |             |             |             |
| Clam, Soft-shelled.....     |            |             |            |             | 46,537      | 2,794       |             | 186         |
| Clam, Washington.....       |            |             |            |             |             |             |             |             |
| Ostracod.....               | 125        | 36          |            |             |             |             |             |             |
| Oyster.....                 | 3,494      | 221         |            |             | 4,932       | 346         | 9,582       | 1,150       |
| Oyster, Eastern.....        |            |             |            |             | 79,378      | 7,463       |             |             |
| Oyster, Japanese.....       |            |             |            |             | 301,454     | 11,424      |             |             |
| Oyster, Native.....         |            |             |            |             | 30,448      | 424         |             |             |
| Squid.....                  |            |             |            |             | 39,090      | 1,475       | 9,065,688   | 201,166     |
| Total pounds and value..... | 12,465,098 | \$1,829,970 | 77,616,080 | \$1,175,375 | 189,963,255 | \$3,619,202 | 458,159,474 | \$5,836,862 |

\* The fishermen are not paid for Pacific and horse mackerel caught incidentally in the sardine fishery and delivered to canneries in this region.

COMMERCIAL FISH CATCH OF CALIFORNIA

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TABLE 29 [continued]

TABLE 29—Continued  
POUNDS AND VALUE OF COMMERCIAL FISH LANDINGS IN CALIFORNIA DURING 1943

| Species             | Santa Barbara Region |          | Los Angeles Region |           | San Diego Region |         | Total       |            |
|---------------------|----------------------|----------|--------------------|-----------|------------------|---------|-------------|------------|
|                     | Pounds               | Value    | Pounds             | Value     | Pounds           | Value   | Pounds      | Value      |
| Anchovy             |                      |          | 1,263,463          | \$23,179  | 85               | \$3     | 1,270,803   | \$29,185   |
| Barracuda           | 190,540              | \$39,208 | 2,254,299          | 499,271   | 759,842          | 127,793 | 3,773,278   | 628,372    |
| Cabonise            |                      |          |                    |           |                  |         | 7,519       | 200        |
| Cabelia             |                      |          | 186,639            | 29,249    | 46,656           | 6,129   | 233,886     | 33,599     |
| Carp                |                      |          |                    |           |                  |         | 17,241      | 642        |
| Clupea              |                      |          |                    |           |                  |         | 209,485     | 46,195     |
| Corbina, Mexican    |                      |          | 5,076              | 339       | 30               | 10      | 5,106       | 349        |
| Cultas, Pacific     | 1,587                | 176      | 1,273              | 129       | 1,221            | 139     | 719,318     | 63,030     |
| Flounder, Starry    | 15,043               | 747      | 1,639              | 251       |                  |         | 505,299     | 24,091     |
| Flying Fish         |                      |          | 2,271              | 139       |                  |         | 2,271       | 139        |
| Groper              |                      |          | 38,772             | 8,374     | 43,115           | 7,202   | 81,887      | 15,576     |
| Hake                |                      |          |                    |           |                  |         | 10,499      | 896        |
| Halibut, California | 352,263              | 57,781   | 606,199            | 113,543   | 239,659          | 62,628  | 1,121,673   | 238,870    |
| Halibut, Northern   |                      |          |                    |           |                  |         | 271,446     | 52,292     |
| Harrow              |                      |          |                    |           |                  |         | 2,796       | 512        |
| Herring, Pacific    | 482                  | 26       |                    |           |                  |         | 630,358     | 17,239     |
| Kiuh                | 268                  | 15       | 153,534            | 10,533    | 2,246            | 151     | 399,623     | 25,444     |
| Mackerel, Horse     |                      |          | 12,370,785         | 226,128   | 883              | 23      | 12,998,931  | 236,875    |
| Mackerel, Pacific   | 92,780               | 3,669    | 69,698,308         | 1,394,247 | 639,316          | 18,419  | 72,395,882  | 1,492,164  |
| Mackerel, Spanish   |                      |          | 6,043              | 774       | 12,699           | 711     | 18,552      | 1,485      |
| Mullet              |                      |          |                    |           |                  |         | 7,281       | 512        |
| Perch               | 20,244               | 1,199    | 25,621             | 3,461     |                  |         | 113,055     | 11,011     |
| Pike                |                      |          |                    |           |                  |         | 273         | 20         |
| Pompano, California |                      |          | 4,549              | 1,263     | 25               | 8       | 4,574       | 1,271      |
| Rock Bass           | 15,794               | 1,971    | 119,096            | 18,513    | 63,252           | 10,994  | 198,132     | 31,448     |
| Rockfish            | 83,139               | 6,997    | 222,659            | 23,350    | 191,459          | 18,873  | 3,792,162   | 183,541    |
| Sablefish           | 3,409                | 303      | 34,147             | 3,331     | 1,469            | 168     | 3,200,374   | 267,636    |
| Salmon              |                      |          |                    |           |                  |         | 6,969,984   | 1,227,694  |
| Sand Dab            |                      |          | 6,083              | 948       |                  |         | 506,338     | 26,691     |
| Sardine             | 262                  | 49       | 282,710,040        | 3,129,291 | 8,100,969        | 57,962  | 972,299,915 | 10,701,888 |
| Sculpin             | 1,689                | 76       | 29,372             | 3,078     | 11,498           | 1,324   | 42,550      | 4,478      |
| Sea-bass, Black     | 1,822                | 266      | 437,732            | 106,562   | 291,221          | 51,489  | 709,653     | 157,298    |
| Sea-bass, White     | 55,837               | 10,440   | 284,652            | 78,420    | 79,735           | 22,941  | 500,183     | 122,797    |
| Shad                |                      |          |                    |           |                  |         | 2,948,047   | 114,646    |
| Shark               | 478,869              | 192,112  | 674,678            | 217,627   | 213,270          | 17,133  | 3,729,354   | 1,083,182  |
| Sheepshead          | 96,683               | 8,416    | 27,635             | 2,872     | 29,760           | 2,953   | 181,048     | 13,941     |
| Shole               | 4,962                | 129      | 3,928              | 397       |                  |         | 81,109      | 1,681      |
| Smelt               | 10,107               | 793      | 226,319            | 21,927    | 1,366            | 115     | 1,566,273   | 109,048    |
| Sole                | 229,947              | 11,729   | 13,662             | 1,580     | 49               | 6       | 4,762,279   | 265,203    |

DIVISION OF FISH AND GAME

TABLE 29 [continued]

|                             |           |           |             |              |            |             |               |              |           |
|-----------------------------|-----------|-----------|-------------|--------------|------------|-------------|---------------|--------------|-----------|
| Split-tail.....             |           |           |             |              |            |             |               | 10,925       | 614       |
| Swordfish, Broadbill.....   |           |           |             |              |            |             |               | 335,355      | 102,433   |
| Tuna, Albacore.....         | 134,833   | 41,171    | 174,562     | 53,099       | 26,889     | 5,269       |               | 21,384,864   | 3,477,417 |
| Tuna, Bluefin.....          | 224,675   | 47,854    | 7,556,638   | 1,544,559    | 12,150,309 | 1,970,731   |               | 10,175,768   | 995,552   |
| Tuna, Bonita.....           | 273,899   | 28,085    | 8,981,401   | 882,855      | 873,286    | 83,458      |               | 2,825,259    | 181,354   |
| Tuna, Skipjack.....         | 397,637   | 28,472    | 1,359,112   | 107,070      | 555,438    | 45,188      |               | 28,593,794   | 2,382,850 |
| Tuna, Yellowfin.....        |           |           | 10,050,273  | 1,887,917    | 30,300,035 | 3,965,023   |               | 40,201,323   | 4,380,140 |
| Turbot.....                 | 17,745    | 708       |             |              |            |             |               | 38,947       | 2,037     |
| Whitefish.....              |           |           |             |              |            |             |               | 141,267      | 23,353    |
| Whitefish, Ocean.....       | 22,412    | 2,061     | 22,763      | 2,885        | 52,239     | 5,892       |               | 97,494       | 10,999    |
| Yellowtail.....             |           |           | 4,035,039   | 297,735      | 893,227    | 70,997      |               | 4,694,956    | 305,722   |
| Miscellaneous Fish.....     | 20,071    | 1,850     | 62,349      | 6,602        | 1,085      | 102         |               | 160,959      | 12,355    |
| Crustaceans:                |           |           |             |              |            |             |               |              |           |
| Crab.....                   |           |           |             |              |            |             |               | 2,315,338    | 333,297   |
| Lobster, Spiny.....         | 155,538   | 35,111    | 209,283     | 77,207       | 500,614    | 143,835     |               | 983,523      | 256,133   |
| Shrimp.....                 |           |           |             |              |            |             |               | 253,238      | 9,968     |
| Mollusk:                    |           |           |             |              |            |             |               |              |           |
| Abalone.....                | 631,558   | 50,525    | 42,725      | 3,503        | 170        | 39          |               | 650,444      | 54,788    |
| Clam, Gaper.....            |           |           |             |              |            |             |               | 120          | 2         |
| Clam, Pismo.....            | 44,111    | 3,304     | 356,849     | 10,788       | 208,915    | 34,633      |               | 611,534      | 57,911    |
| Clam, Soft-shell.....       |           |           |             |              |            |             |               | 46,257       | 2,794     |
| Clam, Washington.....       |           |           |             |              |            |             |               | 723          | 35        |
| Octopus.....                |           |           | 72          | 23           |            |             |               | 18,029       | 1,749     |
| Oyster, Eastern.....        |           |           |             |              |            |             |               | 79,373       | 7,452     |
| Oyster, Japanese.....       | 459,651   | 18,232    |             |              |            |             |               | 741,103      | 29,656    |
| Oyster, Native.....         |           |           | 27,213      | 1,472        | 32,490     | 915         |               | 30,448       | 474       |
| Squid.....                  |           |           |             |              |            |             |               | 9,164,261    | 205,023   |
| Total pounds and value..... | 4,037,382 | \$591,462 | 420,950,453 | \$11,092,168 | 75,315,274 | \$7,746,354 | 1,229,806,926 | \$31,861,423 |           |

This table includes actual landings at California ports by the commercial fishing fleet as well as shipments from other states and foreign countries by truck, rail and ocean liner to California canneries and to the fresh fish dealers. For detail see page 41.

COMMERCIAL FISH CATCH OF CALIFORNIA

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TABLE 29 [continued]



TABLE 30  
MONTHLY COMMERCIAL FISH LANDINGS IN CALIFORNIA DURING 1943

| Species                   | January     | February   | March     | April   | May       | June      | July      | August     | September   | October     | November    | December    | Total pounds |
|---------------------------|-------------|------------|-----------|---------|-----------|-----------|-----------|------------|-------------|-------------|-------------|-------------|--------------|
| Anchovy.....              | 103,440     | 12,105     | 22,159    | 94,835  | 156,457   | 197,335   | 105,410   | 65,308     | 306,897     | 382,993     | 111,322     | 3,140       | 3,179,893    |
| Barramundi.....           | 85,087      | 196,477    | 270,076   | 234,969 | 661,696   | 788,028   | 324,273   | 221,982    | 178,482     | 387,082     | 359,972     | 129,454     | 3,773,278    |
| Calamote.....             | 130         | 826        | 630       | 1,119   | 2,316     | 2,234     | 85        | 85         | 40          | 101         | 363         | 303         | 7,519        |
| California.....           | 51,427      | 62,838     | 10,842    | 12,234  | 3,959     | 1,022     | 17,270    | 12,671     | 16,700      | 71          | 10,857      | 32,294      | 233,886      |
| Carp.....                 | 307         | 4,109      | 3,154     | 2,990   | 1,853     | 220       | .....     | 627        | .....       | 4,481       | 1,546       | 899         | 17,341       |
| Catfish.....              | 9,301       | 8,308      | 30,348    | 32,469  | 757       | .....     | .....     | 20,185     | 29,312      | 45,000      | .....       | .....       | 209,456      |
| Corbina, Mexican.....     | .....       | 45,881     | 202       | .....   | 1,512     | .....     | .....     | .....      | .....       | 39          | .....       | .....       | 4,674        |
| Cultus Pacific.....       | 30,768      | .....      | 156,977   | 20,511  | 88,188    | 70,651    | 39,917    | 81,662     | 46,616      | 39,688      | 76,956      | 45,190      | 816,190      |
| Floounder, Starry.....    | 19,424      | 25,303     | 43,685    | 13,940  | 41,655    | 69,211    | 61,940    | 84,504     | 44,798      | 24,701      | 42,963      | 43,365      | 566,399      |
| Flying Fish.....          | .....       | .....      | .....     | .....   | 1,195     | 685       | 400       | .....      | .....       | .....       | .....       | .....       | 2,271        |
| Groupers.....             | 10,065      | 1,631      | 4,807     | .....   | 445       | 622       | .....     | 8,101      | .....       | .....       | 31,079      | 19,682      | 81,887       |
| Hake.....                 | .....       | 93         | .....     | 1,482   | 209       | 52        | 1,901     | .....      | 2,265       | 854         | 3,447       | 1,358       | 10,469       |
| Hallbut, California.....  | 75,270      | 110,943    | 150,309   | 68,811  | 67,269    | 41,370    | 41,154    | 63,330     | 110,700     | 155,036     | 135,134     | 63,037      | 1,121,673    |
| Hallbut, Northern.....    | 790         | 21         | 835       | 53,007  | 106,688   | 90,013    | 7,218     | 7,902      | 3,592       | 1,734       | 1,123       | 134         | 271,446      |
| Hardhead.....             | 1,077       | .....      | 709       | .....   | .....     | .....     | .....     | .....      | .....       | .....       | .....       | .....       | 383          |
| Herring, Pacific.....     | 79,162      | 899,977    | 55,015    | 13      | 285       | 2,122     | 2,600     | 5,135      | .....       | 24,332      | 20          | 82,939      | 630,338      |
| Kingfish.....             | 18,125      | 16,488     | 49,887    | 49,193  | 38,596    | 33,992    | 30,155    | 9,991      | 60,895      | 24,332      | 24,332      | 36,330      | 399,653      |
| Mackerel, Horse.....      | 4,203,646   | 395,659    | 37,872    | 52,235  | 12,848    | 9,948     | 10,762    | 1,429,730  | 1,014,805   | 306,490     | 4,933,788   | 263,208     | 12,298,581   |
| Mackerel, Pacific.....    | 3,777,797   | 1,839,913  | 633,915   | 56,881  | 138,190   | 539,053   | 239,201   | 3,387,356  | 11,690,954  | 17,684,831  | 25,393,987  | 10,536,192  | 75,298,882   |
| Mackerel, Spanish.....    | 230         | 1,851      | .....     | .....   | .....     | .....     | .....     | 1,637      | 11,838      | 2,497       | .....       | .....       | 18,552       |
| Mullet.....               | .....       | 9,795      | 30,394    | 8,854   | 1,185     | .....     | .....     | 691        | 2,493       | 11,993      | 8,116       | .....       | 72,281       |
| Perch.....                | 3,055       | 9,007      | 19,682    | 23,489  | 840       | 123       | 7,698     | 17,026     | 8,299       | 9,419       | 6,288       | 7,293       | 113,035      |
| Fluke.....                | 6           | .....      | 121       | 66      | 14        | .....     | .....     | 6          | 7           | 15          | .....       | .....       | 85           |
| Pompano, California.....  | 87          | 1,468      | 530       | 310     | 494       | 613       | 137       | 81         | 239         | 531         | 315         | 333         | 5,168        |
| Rock Bass.....            | 2,681       | 8,839      | 5,712     | 3,960   | 15,807    | 49,631    | 9,115     | 15,760     | 10,652      | 17,893      | 33,711      | 26,941      | 198,132      |
| Rockfish.....             | 200,544     | 232,185    | 920,857   | 161,029 | 255,478   | 291,945   | 228,813   | 166,696    | 287,722     | 197,796     | 279,839     | 137,130     | 2,782,192    |
| Sablefish.....            | 97,011      | 201,485    | 398,896   | 411,230 | 248,327   | 405,323   | 216,999   | 139,999    | 320,802     | 290,626     | 318,012     | 194,788     | 3,206,374    |
| Salmon.....               | 9,184       | 18,062     | 66,940    | 347,133 | 678,637   | 1,179,493 | 1,619,493 | 1,694,441  | 1,245,866   | 44,149      | 6,599       | 15,737      | 6,530,374    |
| Sand Dab.....             | 24,798      | 29,093     | 47,520    | 63,246  | 66,229    | 51,394    | 50,234    | 66,272     | 30,015      | 26,849      | 25,729      | 30,998      | 466,338      |
| Sea bass.....             | 103,158,994 | 74,898,935 | 1,336,182 | 979,240 | 344,469   | 601,918   | 2,376,327 | 65,779,848 | 239,134,239 | 158,504,855 | 144,313,933 | 150,669,335 | 979,299,915  |
| Sculpin.....              | 1,828       | 2,570      | 3,233     | 5,081   | 10,652    | 2,267     | 1,501     | 891        | 3,939       | 3,778       | 3,999       | 3,293       | 42,540       |
| Sea-bass, Black.....      | 22,745      | 29,568     | 37,162    | 32,622  | 23,879    | 37,414    | 104,080   | 123,043    | 155,353     | 83,869      | 22,520      | 19,207      | 799,888      |
| Sea-bass, White.....      | 12,988      | 3,998      | 2,395     | 7,688   | 31,895    | 31,211    | 38,629    | 179,207    | 88,727      | 64,841      | 45,919      | 21,707      | 569,183      |
| Shad.....                 | 864,112     | 156,374    | 163,333   | 166,780 | 174,322   | 375,355   | 184,996   | 178,637    | 146,694     | 218,699     | 978,219     | 749,683     | 3,729,334    |
| Shad,.....                | 18,129      | 20,991     | 21,245    | 4,105   | 1,131     | 4,421     | 195       | 31         | 10,894      | 42,270      | 21,415      | 151,048     | 151,048      |
| Sheepshead.....           | 8,280       | 14,180     | 6,067     | 6,270   | 10,083    | 2,363     | 3,547     | 1,821      | 3,332       | 8,302       | 8,187       | 8,748       | 81,109       |
| Snelt.....                | 23,805      | 104,841    | 212,949   | 147,017 | 174,201   | 183,838   | 139,969   | 170,288    | 208,029     | 92,675      | 87,394      | 60,610      | 1,597,473    |
| Sea.....                  | 197,874     | 188,770    | 236,452   | 470,028 | 626,969   | 611,483   | 647,590   | 629,067    | 421,652     | 320,546     | 323,915     | 270,224     | 4,782,379    |
| Spot-tail.....            | 263         | 1,156      | 335       | .....   | 355       | .....     | 40        | .....      | 348         | 3,673       | 2,663       | 1,800       | 11,028       |
| Speckfish, Broadbill..... | .....       | 159        | .....     | .....   | 638       | .....     | 20,138    | 48,380     | 101,050     | 62,063      | 74,999      | 24,469      | 338,889      |
| Tuna, Albacore.....       | 122,658     | 390        | .....     | .....   | .....     | 443       | 5,047,002 | 11,287,434 | 3,622,830   | 994,698     | 8,527       | 469         | 21,384,894   |
| Tuna, Bluefin.....        | .....       | 191,356    | 626,399   | 620,555 | 2,007,660 | 1,441,338 | 1,696,265 | 1,896,889  | 627,267     | 103,883     | 1,360,132   | 363,190     | 10,178,758   |
| Tuna, Bonito.....         | 115,925     | 75,896     | 23,900    | 88,294  | 187,897   | 49,741    | 129,269   | 811,341    | 343,368     | 806,799     | 130,994     | .....       | 2,282,299    |

DIVISION OF FISH AND GAME

TABLE 30  
MONTHLY COMMERCIAL FISH LANDINGS IN CALIFORNIA DURING 1943

|                           |                    |                   |                  |                   |                   |                   |                   |                    |                    |                    |                    |                    |                      |
|---------------------------|--------------------|-------------------|------------------|-------------------|-------------------|-------------------|-------------------|--------------------|--------------------|--------------------|--------------------|--------------------|----------------------|
| Tuna, Skipjack.....       | 77,337             | 815,949           | 1,336,257        | 1,838,802         | 1,731,261         | 1,735,737         | 3,600,582         | 5,081,294          | 3,173,899          | 4,458,440          | 3,021,991          | 2,009,190          | 28,803,794           |
| Tuna, Yellowfin.....      | 910,819            | 2,385,664         | 2,430,789        | 4,409,051         | 4,710,903         | 6,196,422         | 4,996,416         | 5,461,126          | 5,446,998          | 3,082,422          | 2,962,633          | 6,737,213          | 49,291,328           |
| Turbot.....               | 85                 | 5,007             | 374              | 1,558             | 4,361             | 7,171             | 5,495             | 4,111              | 1,926              | 2,221              | 1,299              | 1,299              | 58,087               |
| Whitefish.....            | 2,631              | 23,134            | 20,750           | 22,283            | 24,934            | 16,440            | 17,640            | 6,042              | 3,146              | 2,267              | 647                | 691                | 141,997              |
| Whitefish, Ocean.....     | 25,888             | 6,971             | 6,227            | 1,733             | 3,207             | 5,519             | 237               | 1,076              | 3,491              | 3,129              | 22,785             | 15,707             | 87,484               |
| Yellowtail.....           | 35,943             | 42,822            | 72,054           | 40,141            | 441,103           | 1,547,015         | 1,559,725         | 604,846            | 93,822             | 253,791            | 432,988            | 62,110             | 4,034,869            |
| Miscellaneous Fish.....   | 24,893             | 13,360            | 3,587            | 13,466            | 22,988            | 15,706            | 13,030            | 8,299              | 8,072              | 15,098             | 13,609             | 5,551              | 169,959              |
| Crustacean:               |                    |                   |                  |                   |                   |                   |                   |                    |                    |                    |                    |                    |                      |
| Crab.....                 | 191,756            | 259,540           | 308,240          | 164,186           | 214,784           | 171,778           | 108,486           | 46,382             | 44                 | 3,888              | 542,702            | 303,532            | 2,315,338            |
| Lobster, Spiny.....       | 191,344            | 192,043           | 150,965          | 12,790            | .....             | .....             | .....             | .....              | .....              | 75,895             | 141,164            | 221,624            | 985,525              |
| Shrimp.....               | 21,706             | 38,573            | 27,348           | 16,454            | 23,951            | 28,445            | 28,471            | 19,460             | 14,718             | 5,598              | 17,308             | 11,043             | 232,258              |
| Mollusk:                  |                    |                   |                  |                   |                   |                   |                   |                    |                    |                    |                    |                    |                      |
| Abalone.....              | 24,550             | .....             | 16,550           | 36,150            | 42,550            | 90,265            | 94,258            | 70,040             | 47,221             | 54,240             | 154,112            | 47,508             | 690,444              |
| Clam, Gaper.....          | .....              | 129               | .....            | .....             | .....             | .....             | .....             | .....              | .....              | .....              | .....              | .....              | 129                  |
| Clam, Pismo.....          | 22,829             | 59,992            | 65,872           | 33,166            | 49,423            | 62,620            | 94,500            | 66,229             | 87,827             | 10,994             | 48,211             | 1,864              | 611,634              |
| Clam, Soft-shell.....     | 5,629              | 5,974             | 7,462            | 6,316             | 3,805             | 2,483             | 2,241             | 3,144              | 2,742              | 2,276              | 2,037              | 2,461              | 46,557               |
| Clam, Washington.....     | .....              | 394               | 394              | .....             | .....             | .....             | .....             | .....              | .....              | .....              | .....              | .....              | 728                  |
| Octopus.....              | 345                | 815               | 1,551            | 1,333             | 1,837             | 6,732             | 4,237             | 784                | 391                | 57                 | 204                | 294                | 18,000               |
| Oyster, Eastern.....      | 10,013             | 9,232             | 8,195            | 7,943             | 5,949             | 4,712             | 3,943             | 2,399              | 4,106              | 4,901              | 7,712              | 11,574             | 78,378               |
| Oyster, Japanese.....     | 70,333             | 87,812            | 94,101           | 80,231            | 77,664            | 41,459            | 45,991            | 45,323             | 44,577             | 48,205             | 50,214             | 55,220             | 741,105              |
| Oyster, Native.....       | 158                | .....             | 29,570           | 9,529             | .....             | .....             | .....             | .....              | .....              | .....              | .....              | .....              | 30,448               |
| Squid.....                | 50,223             | 19,033            | 6,969            | 634,971           | 3,370,165         | 3,334,275         | 39,100            | 35,600             | 120,175            | 171,403            | 1,266,070          | 206,475            | 9,164,381            |
| <b>Total, pounds.....</b> | <b>114,126,701</b> | <b>82,438,900</b> | <b>9,721,365</b> | <b>12,179,451</b> | <b>18,048,995</b> | <b>20,462,333</b> | <b>23,243,889</b> | <b>129,764,295</b> | <b>259,556,620</b> | <b>188,639,318</b> | <b>187,852,488</b> | <b>174,034,571</b> | <b>1,229,806,626</b> |

This table includes actual landings at California ports by the commercial fishing fleet as well as shipments from other states and foreign countries by truck, rail and ocean liner to California canneries and to the fresh fish dealers. For details see page 41.

COMMERCIAL FISH CATCH OF CALIFORNIA

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TABLE 30 [continued]

TABLE 31  
 COMMERCIAL FISH LANDINGS IN THE EUREKA REGION DURING 1943  
 Fishing Boat Landings from California Waters

| Species            | January | February | March   | April   | May       | June      | July      | August    | September | October   | November  | December | Total pounds |
|--------------------|---------|----------|---------|---------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|--------------|
| Cod, Pacific       | 10,015  | 28,507   | 111,069 | 30,205  | 41,429    | 39,370    | 27,642    | 46,078    | 38,987    | 28,705    | 47,499    | 30,264   | 478,830      |
| Pounder, Starry    | 983     | 5,607    | 5,085   | 5,412   | 18,191    | 42,507    | 45,670    | 78,006    | 31,633    | 18,639    | 33,558    | 25,799   | 310,127      |
| Hake               | 771     | 90       | 1,122   | 1,122   | 300       | 401       | 601       | 871       | 907       | 3,277     | 439       | 1,122    | 4,837        |
| Hallbut, Northern  | 10,180  | 115,320  | 1,845   | 833     | 82,058    | 105,299   | 80,185    | 7,218     | 7,002     | 3,502     | 1,734     | 1,122    | 269,811      |
| Herring, Pacific   | 2,272   | 5,656    | 8,910   | 5,062   | 138       | 82        | 82        | 335       | 68        | 68        | 45        | 2,029    | 24,597       |
| Rockfish           | 12,286  | 19,778   | 47,615  | 30,156  | 79,488    | 118,307   | 176,458   | 149,884   | 243,207   | 162,666   | 221,281   | 104,616  | 1,375,122    |
| Sablefish          | 5,535   | 177,728  | 388,496 | 326,037 | 313,212   | 345,917   | 201,024   | 120,922   | 131,604   | 82,656    | 58,166    | 9,118    | 1,907,694    |
| Salmon             | 2,881   | 5,406    | 4,337   | 3,184   | 28,898    | 248,606   | 316,161   | 1,669,426 | 451,883   | 44,140    | .....     | .....    | 2,162,288    |
| Sand Dab           | .....   | .....    | 26,323  | 54,544  | 45,943    | 42,944    | .....     | .....     | 18,535    | 5,994     | 4,356     | 3,500    | 276,288      |
| Sardine            | 217     | 44       | 402     | 402     | .....     | .....     | .....     | .....     | .....     | .....     | .....     | .....    | 402          |
| Sea-bass, White    | 43,281  | 35,291   | 4,693   | 605     | 454       | 941       | 4,273     | 7,379     | 19,874    | 83,232    | 441,094   | 403,260  | 1,094,837    |
| Shark              | 460     | 5,001    | 1,616   | 130     | 2,715     | 858       | 377       | 697       | 1,170     | 3,120     | 662       | .....    | 16,696       |
| Slate              | 148     | 436      | 8,722   | 5,607   | 3,892     | 2,339     | 15,377    | 8,303     | 14,385    | 6,888     | .....     | 117      | 68,831       |
| Snail              | 84,514  | 41,468   | 91,702  | 296,335 | 338,757   | 613,391   | 603,345   | 610,887   | 319,141   | 294,692   | 366,616   | 128,067  | 3,426,558    |
| Sole               | .....   | .....    | .....   | .....   | .....     | .....     | .....     | 34,235    | 131,718   | 331,517   | .....     | .....    | 488,981      |
| Tuna, Albacore     | 2,031   | 23,295   | 113     | 104     | 184       | 3,489     | 1,850     | 174       | .....     | .....     | .....     | .....    | 8,601        |
| Turbot             | .....   | .....    | 20,713  | 21,895  | 24,224    | 15,440    | 17,540    | 6,642     | 2,688     | 2,307     | 591       | 126      | 137,880      |
| Whitefish          | 8,054   | 910      | 723     | 3,450   | 11,090    | 5,414     | 7,556     | 4,700     | 3,563     | 1,104     | 84        | 1,602    | 49,150       |
| Miscellaneous Fish | .....   | .....    | .....   | .....   | .....     | .....     | .....     | .....     | .....     | .....     | .....     | .....    | 49,150       |
| Crustacean:        | .....   | .....    | .....   | .....   | .....     | .....     | .....     | .....     | .....     | .....     | .....     | .....    | .....        |
| Cray               | 11,072  | 28,032   | 54,164  | 39,074  | 47,866    | 26,730    | 11,312    | 7,878     | .....     | .....     | .....     | .....    | 229,658      |
| Mollusk:           | .....   | .....    | .....   | .....   | .....     | .....     | .....     | .....     | .....     | .....     | .....     | .....    | .....        |
| Clam, Washington   | .....   | 394      | 394     | .....   | .....     | .....     | .....     | .....     | .....     | .....     | .....     | .....    | 728          |
| Octopus            | .....   | 317      | 192     | 418     | 480       | 1,968     | 519       | 227       | 89        | .....     | 66        | 18       | 3,404        |
| Total pounds       | 177,110 | 429,353  | 651,484 | 848,006 | 1,022,213 | 1,499,393 | 1,379,229 | 2,213,446 | 1,410,529 | 1,032,298 | 1,026,071 | 713,849  | 12,402,916   |

UNITED STATES FISH AND WILDLIFE SERVICE

TABLE 31  
 COMMERCIAL FISH LANDINGS IN THE EUREKA REGION DURING 1943  
 Fishing Boat Landings from California Waters

TABLE 31—Continued  
Fishing Boat Landings from Waters North of the State Boundary

| Species                       | January | February | March   | April   | May       | June      | July      | August    | September | October   | November  | December | Total pounds |
|-------------------------------|---------|----------|---------|---------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|--------------|
| Cultus, Pacific.....          |         |          |         |         | 22        | 76        |           | 90        |           |           | 199       | 38       | 425          |
| Floounder, Strary.....        |         |          |         |         | 102       | 66        |           | 810       |           |           |           |          | 1,038        |
| Haddock.....                  |         |          |         |         | 292       | 273       |           |           |           |           |           |          | 565          |
| Rockfish.....                 |         |          |         |         |           | 76        |           | 270       |           |           |           |          | 346          |
| Sand Dab.....                 |         |          |         |         | 105       |           |           | 900       |           |           |           |          | 1,005        |
| Shark.....                    |         |          |         |         |           |           |           |           |           |           | 30,203    | 6,116    | 36,319       |
| Sole.....                     |         |          |         |         | 13,407    | 3,343     |           | 5,670     |           |           |           |          | 22,420       |
| Total pounds.....             |         |          |         |         | 13,932    | 3,804     |           | 7,740     |           |           | 30,402    | 6,154    | 62,092       |
| Grand totals, Eureka Region.. | 177,110 | 429,383  | 651,484 | 848,006 | 1,036,145 | 1,503,257 | 1,379,229 | 2,221,186 | 1,410,526 | 1,032,206 | 1,056,473 | 720,003  | 12,465,006   |

TABLE 31 [continued]

TABLE 32  
COMMERCIAL FISH LANDINGS IN THE SACRAMENTO REGION DURING 1943  
Fishing Boat Landings from California Waters

| Species                              | January   | February | March   | April   | May       | June    | July | August     | September  | October   | November  | December  | Total pounds |
|--------------------------------------|-----------|----------|---------|---------|-----------|---------|------|------------|------------|-----------|-----------|-----------|--------------|
| Carp.....                            | 307       | 3,588    | 3,154   | 2,690   | 1,583     | 220     |      | 627        | 405        | 1,431     | 1,546     | 514       | 16,735       |
| Catfish.....                         | 9,801     | 8,508    | 30,848  | 32,466  | 757       |         |      |            | 20,153     | 23,812    | 45,693    | 37,237    | 209,485      |
| Haddock.....                         | 1,077     |          | 700     |         |           |         |      |            | 155,500    |           | 935       | 84        | 2,796        |
| Mackerel, Horse.....                 |           |          |         |         |           |         |      |            | 231,500    |           |           |           | 155,500      |
| Mackerel, Pacific.....               |           |          |         |         |           |         |      |            |            |           | 15        |           | 231,500      |
| Pike.....                            |           |          | 121     | 66      | 13        | 3       |      | 6          | 2          |           |           |           | 35           |
| Salmon.....                          | 9,184     | 18,662   | 56,649  | 63,957  | 223,650   | 97,819  |      | 170,010    | 633,408    |           | 6,540     | 15,536    | 1,295,424    |
| Sardine.....                         | 5,875,440 | 632,500  | 77,892  | 896,758 | 1,450,796 | 12,456  |      | 13,032,500 | 40,349,200 | 3,762,700 | 7,917,400 | 2,075,500 | 73,645,540   |
| Shad.....                            |           |          | 333     | 333     |           |         |      |            |            |           | 2,663     | 1,800     | 2,347,902    |
| Split-tail.....                      | 263       | 1,156    |         |         |           |         |      | 348        | 3,873      |           |           |           | 10,925       |
| Grand totals, Sacramento Region..... | 5,896,078 | 665,384  | 169,697 | 906,572 | 1,676,809 | 110,538 |      | 13,203,491 | 41,394,046 | 3,790,621 | 7,978,824 | 2,129,020 | 77,916,080   |

TABLE 32  
COMMERCIAL FISH LANDINGS IN THE SACRAMENTO REGION DURING 1943  
Fishing Boat Landings from California Waters

TABLE 33  
 COMMERCIAL FISH LANDINGS IN THE SAN FRANCISCO REGION DURING 1943  
 Fishing Boat Landings from California Waters

| Species              | January    | February  | March   | April   | May     | June      | July      | August     | September   | October   | November   | December  | Total pounds |
|----------------------|------------|-----------|---------|---------|---------|-----------|-----------|------------|-------------|-----------|------------|-----------|--------------|
| Anchovy              |            |           |         | 18,900  | 6,600   | 38,100    | 3,200     | 93         | 11,600      | 2,300     |            |           | 78,793       |
| Cabonose             |            |           | 69      |         |         | 12        |           |            |             |           | 55         |           | 17           |
| Carp                 |            | 161       |         |         |         |           |           |            |             |           |            |           | 161          |
| Clupea Pacifica      | 8,171      | 9,790     | 39,333  | 12,528  | 10,945  | 22,200    | 5,839     | 4,248      | 8,148       | 5,077     | 13,913     |           | 7,251        |
| Flounder, Sierr      | 17,001     | 21,059    | 34,372  | 7,475   | 17,465  | 13,725    | 10,850    | 8          | 10,211      | 4,127     | 6,288      |           | 151,410      |
| Hake                 |            |           |         | 350     |         | 32        | 609       |            | 1,809       | 137       |            |           | 3,057        |
| Hallbut, California  | 851        | 1,465     | 1,075   | 46      | 1,133   | 1,493     | 1,317     |            | 873         | 238       | 643        |           | 10,299       |
| Hallbut, Northern    | 19         | 21        |         | 49      | 287     | 655       |           |            |             |           |            |           | 29           |
| Herring, Pacific     | 69,917     | 295,025   | 33,170  |         |         | 2,909     | 2,900     |            |             |           |            |           | 82,460       |
| Kingfish             | 10         |           |         |         |         | 292       |           |            | 1,195       |           | 80         |           | 948          |
| Mackerel, Pacific    | 10         |           |         |         |         | 1,599     |           |            | 13,783      | 125       |            |           | 14,725       |
| Perch                | 116        | 2,336     | 6,023   | 854     |         |           | 3,094     | 2,007      | 1,574       | 4,482     | 2,708      |           | 25,994       |
| Pompano, California  |            |           |         |         |         |           |           |            |             |           |            |           | 1            |
| Rockfish             | 13,685     | 23,827    | 42,435  | 10,742  | 25      | 172       | 11,832    | 8,803      | 10,078      | 5,216     | 9,094      |           | 202,781      |
| Subfish              | 3,325      | 967       | 187     | 110     | 107     | 1,438     | 11,660    | 12,941     | 4,430       | 2,953     |            |           | 84           |
| Silurion             |            |           |         |         | 64,135  | 304,053   | 1,028,985 | 400,120    | 1,020,975   |           |            |           | 2,921,208    |
| Sand Dab             | 18,617     | 14,972    | 30,887  | 23,854  | 3,432   | 3,725     | 2,275     | 6,017      | 11,076      | 13,999    | 18,008     |           | 143,862      |
| Sardine              | 14,038,909 | 302,909   | 11,525  | 68,150  | 18,093  | 219,870   | 308,450   | 29,010,262 | 106,474,700 | 7,076,700 | 11,249,700 | 2,046,700 | 171,003,277  |
| Sea-bass, White      | 672        | 559       | 272     |         |         | 45        | 167       | 838        | 1,990       | 2,229     | 3,414      |           | 3,905        |
| Shark                | 211,329    | 35,751    | 9,508   | 1,911   | 160     | 147       | 13,162    | 87,593     | 57,653      | 68,698    | 378,479    |           | 210,781      |
| Skate                | 3,098      | 5,133     | 1,348   | 1,629   | 5,899   | 483       | 2,179     | 4,442      | 2,203       | 4,274     | 5,976      |           | 34,116       |
| Snook                | 7,579      | 91,330    | 190,993 | 111,025 | 187,695 | 159,889   | 70,993    | 81,469     | 11,919      | 185       |            |           | 699,919      |
| Sole                 | 98,867     | 65,995    | 153,237 | 112,333 | 65,178  | 62,391    | 33,834    | 662        | 75,675      | 47,998    | 108,217    |           | 138,534      |
| Tuna, Albacore       |            |           |         |         |         |           | 704       |            | 294,997     | 178,793   |            |           | 474,552      |
| Tuna, Bluefin        |            |           |         |         |         |           |           |            | 45,182      |           |            |           | 45,182       |
| Turbot               |            | 85        | 2,894   | 374     | 6,740   | 881       | 739       | 194        | 1,275       |           |            |           | 13,196       |
| Whiting              |            | 1,339     | 37      | 309     | 170     |           |           |            | 460         |           |            |           | 85           |
| Miscellaneous Fish   | 7,034      | 9,995     | 502     | 1,133   | 1,631   | 447       | 105       | 60         | 924         | 309       | 899        |           | 26,174       |
| Crustacean:          |            |           |         |         |         |           |           |            |             |           |            |           |              |
| Crab                 | 166,500    | 221,172   | 245,140 | 117,618 | 161,670 | 141,882   | 95,414    | 38,458     | 44          | 3,888     | 534,932    |           | 2,021,556    |
| Shrimp               | 21,709     | 38,373    | 27,348  | 16,454  | 23,826  | 28,437    | 28,471    | 19,460     | 14,718      | 5,568     | 17,308     |           | 233,215      |
| Mollusk:             |            |           |         |         |         |           |           |            |             |           |            |           |              |
| Abalone              |            |           |         |         |         |           |           |            | 5,241       |           |            |           | 650          |
| Clam, Gaper          |            |           | 130     |         |         |           |           |            |             |           |            |           | 130          |
| Clam, Softshell      | 5,026      | 5,974     | 7,432   | 6,218   | 3,805   | 2,433     | 2,241     | 3,144      | 2,742       | 2,270     | 2,207      |           | 46,357       |
| Ostrop               | 60         | 85        | 916     | 108     | 814     | 1,645     | 1,256     |            | 270         | 27        | 60         |           | 4,962        |
| Oyster, Eastern      | 10,013     | 9,232     | 8,195   | 7,243   | 5,649   | 4,712     | 5,945     | 2,360      | 4,106       | 4,601     | 7,712      |           | 79,878       |
| Oyster, Japanese     | 33,846     | 46,408    | 26,321  | 27,911  | 32,214  | 17,399    | 21,431    | 19,535     | 17,962      | 15,993    | 17,994     |           | 301,454      |
| Oyster, Native       | 158        |           | 20,370  | 9,620   |         |           |           |            |             |           |            |           | 30,488       |
| Squid                |            |           |         |         |         | 30,060    |           |            |             |           |            |           | 30,060       |
| Grand totals         |            |           |         |         |         |           |           |            |             |           |            |           |              |
| San Francisco Region | 14,781,486 | 1,320,420 | 918,119 | 664,508 | 603,875 | 1,166,499 | 1,769,336 | 29,687,854 | 107,439,778 | 7,448,474 | 12,376,751 | 2,886,155 | 180,963,255  |

DIVISION OF FISH AND GAME

TABLE 33  
 COMMERCIAL FISH LANDINGS IN THE SAN FRANCISCO REGION DURING 1943  
 Fishing Boat Landings from California Waters

TABLE 34  
 COMMERCIAL FISH LANDINGS IN THE MONTEREY REGION DURING 1943  
 Fishing Boat Landings from California Waters

| Species                               | January    | February   | March     | April     | May       | June      | July      | August     | September  | October    | November   | December   | Total<br>pounds |
|---------------------------------------|------------|------------|-----------|-----------|-----------|-----------|-----------|------------|------------|------------|------------|------------|-----------------|
| Anchovy.....                          |            |            | 11,680    | 43,430    | 10,000    | 4,970     |           | 1,732      | 26,750     | 99,870     |            |            | 198,432         |
| Cabezon.....                          | 130        | 326        | 498       | 1,119     | 2,212     |           | 85        |            | 40         | 97         | 368        |            | 7,279           |
| Calappa, Pacific.....                 | 12,371     | 7,594      | 15,040    | 7,685     | 4,654     | 8,181     | 2,087     | 1,126      | 458        | 4,570      | 13,534     |            | 84,802          |
| Flounder, Striped.....                | 1,370      | 571        | 3,186     | 946       | 5,038     | 682       | 340       | 601        | 277        | 233        | 207        |            | 14,278          |
| Hake.....                             | 554        | 907        | 2,283     | 1,268     | 193       | 516       | 1,315     | 1,757      | 28         | 2,525      |            |            | 10,111          |
| Hallibut, California.....             | 65         |            |           |           |           |           |           | 9,125      |            |            |            |            | 9,190           |
| Herring, Pacific.....                 | 4,812      | 6,510      | 7,347     | 14,824    | 10,850    | 18,712    | 23,374    | 7,512      | 62,349     | 10,845     | 12,443     |            | 205,656         |
| Kingfish.....                         | 2,110      | 1,422      | 5,735     | 10,875    | 9,174     | 9,947     | 42,711    | 34,815     | 30,221     | 2,415      | 3,467      |            | 162,793         |
| Macarel, Hong.....                    | 1,366      | 32,692     | 5,217     | 8,044     | 28,414    | 30,790    | 79,456    | 439,840    | 1,057,921  | 1,756,198  | 417,263    | 569,692    | 4,430,090       |
| Macarel, Pacific.....                 | 214        | 459        | 2,100     | 10,020    | 21        |           | 148       | 652        | 22         | 118        |            | 20         | 12,379          |
| Pompano, California.....              |            |            | 14        | 44        | 188       | 152       |           |            |            |            |            |            | 396             |
| Rockfish.....                         | 108,096    | 130,335    | 130,336   | 47,633    | 73,226    | 48,833    | 20,265    | 6,527      | 31,825     | 22,507     | 30,873     | 19,818     | 684,254         |
| Subfish.....                          | 84,749     | 70,834     | 74,715    | 83,201    | 24,917    | 38,475    | 13,191    | 6,790      | 177,057    | 203,548    | 290,272    | 183,834    | 1,221,784       |
| Salmon.....                           | 3,840      | 7,389      | 9,529     | 11,797    | 7,883     | 5,020     | 5,207     | 4,915      | 5,427      | 5,697      | 7,295      | 2,061      | 73,023          |
| Sand Dab.....                         | 28,310,302 | 47,688,378 | 1,642,599 | 875,105   | 193,656   | 370,985   | 1,873,677 | 83,683,839 | 91,670,137 | 46,755,256 | 81,043,829 | 85,614,653 | 439,702,334     |
| Sardine.....                          | 122        |            |           |           | 82        | 14        | 7,369     | 28,633     | 17,698     | 7,571      | 450        | 278        | 62,897          |
| Shad.....                             | 67,697     | 17,181     | 10,372    | 4,688     | 903       | 288       | 21,480    | 34,219     | 22,643     | 7,550      | 64,692     | 75,785     | 326,788         |
| Shark.....                            | 2,309      | 2,739      | 1,106     | 3,354     | 1,105     | 815       | 821       | 697        | 368        | 284        | 2,068      | 1,622      | 16,777          |
| Skate.....                            | 6,462      | 1,912      | 131       | 1,255     | 716       | 14,621    | 28,750    | 72,289     | 63,288     | 25,645     | 20,283     | 27,289     | 292,011         |
| Sole.....                             | 8,783      | 10,783     | 8,367     | 26,677    | 15,482    | 5,228     | 3,230     | 5,471      | 964        | 834        | 140        | 175        | 80,134          |
| Tuna, Albacore.....                   |            |            |           |           |           |           |           | 12,668     | 281,269    | 6,452      |            |            | 300,249         |
| Tuna, Bonito.....                     | 100        |            |           |           |           |           |           |            | 12         |            |            |            | 112             |
| Turbot.....                           | 205        |            |           | 175       | 705       |           | 23        |            |            | 738        | 968        |            | 785             |
| Miscellaneous Fish.....               |            |            |           |           |           |           |           |            |            |            |            |            | 2,229           |
| Crustaceans:                          |            |            |           |           |           |           |           |            |            |            |            |            |                 |
| Crab.....                             | 14,184     | 10,336     | 7,896     | 7,494     | 5,248     | 3,166     | 1,760     | 46         |            |            | 7,770      | 6,784      | 64,724          |
| Shrimp.....                           |            |            |           |           | 35        | 8         |           |            |            |            |            |            | 43              |
| Mollusk:                              |            |            |           |           |           |           |           |            |            |            |            |            |                 |
| Abalone.....                          |            |            |           |           |           |           |           | 100        |            |            |            |            | 100             |
| Clam, Furrow.....                     | 458        | 398        | 456       | 330       |           |           |           |            | 14         | 72         | 221        |            | 1,759           |
| Octopus.....                          | 183        | 416        | 433       | 592       | 593       | 4,018     | 2,462     | 547        | 22         | 26         | 52         | 198        | 5,282           |
| Squid.....                            | 23,280     | 18,965     | 6,739     | 534,971   | 3,379,195 | 3,205,215 | 30,190    | 33,900     | 120,175    | 163,740    | 1,242,272  | 206,478    | 9,065,688       |
| Grand totals,<br>Monterey Region..... | 28,650,795 | 47,688,378 | 1,641,434 | 1,670,099 | 4,032,682 | 4,320,832 | 2,222,502 | 54,421,068 | 93,604,694 | 49,117,517 | 83,134,247 | 85,748,567 | 458,159,474     |

COMMERCIAL FISH CATCH OF CALIFORNIA

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TABLE 34  
 COMMERCIAL FISH LANDINGS IN THE MONTEREY REGION DURING 1943  
 Fishing Boat Landings from California Waters

TABLE 35  
COMMERCIAL FISH LANDINGS IN THE SANTA BARBARA REGION DURING 1943  
Fishing Boat Landings from California Waters

| Species                                 | January | February | March   | April   | May     | June    | July    | August  | September | October | November | December | Total pounds |
|---|---------|----------|---------|---------|---------|---------|---------|---------|-----------|---------|----------|----------|--------------|
| Barracuda.....                          | 26,373  | 24,765   | 10,329  | 21,780  | 12,545  | 186     | 55      | 23,066  | 52,602    | 16,370  | 2,625    | 190,540  |              |
| Cultus, Pacific.....                    | 77      | 6        | 683     | 5       | 52      | 186     | 27      | 2,027   | 1,290     | 1,500   | 135      | 1,837    |              |
| Flounder, Slurry.....                   | 25,656  | 15,995   | 16,627  | 14,433  | 26,024  | 23,581  | 4,869   | 40,432  | 57,473    | 1,713   | 2,412    | 18,043   |              |
| Halibut, California.....                | 40      | 32       | 38      | 328     | 40      | 122     | 30,517  | 4,432   | 57,473    | 35,852  | 24,076   | 352,263  |              |
| Kingfish.....                           | 4,166   | 3,308    | 8,278   | 4       | 19      | 5,546   | 5,457   | 4,315   | 15,685    | 24,925  | 1,873    | 92,780   |              |
| Mackerel, Pacific.....                  | 100     | 3,387    | 70      | 2,075   | 225     | 829     | 4,735   | 3,680   | 4,136     | 2,800   | 1,534    | 20,244   |              |
| Perch.....                              | 3,957   | 3,642    | 36      | 38      | 138     | 138     | 809     | 79      | 40        | 961     | 1,553    | 15,784   |              |
| Rock Bass.....                          | 11,768  | 9,951    | 19,881  | 6,238   | 13,216  | 10,441  | 2,797   | 4,889   | 2,031     | 3,806   | 2,494    | 85,190   |              |
| Sablefish.....                          | 325     | 196      | 281     | 325     | 630     | 45      | 685     | 20      | 109       | 143     | 256      | 3,362    |              |
| Sardine.....                            | 33      | 65       | 196     | 196     | 390     | 45      | 49      | 123     | 100       | 631     | 1,680    | 1,680    |              |
| Sea-bass, Black.....                    | 32      | 65       | 196     | 196     | 390     | 229     | 314     | 123     | 8,738     | 1,371   | 1,796    | 1,009    |              |
| Sea-bass, White.....                    | 30,623  | 49,440   | 52,730  | 34,528  | 51,692  | 5,913   | 6,395   | 11,069  | 8,738     | 1,371   | 1,796    | 55,837   |              |
| Shark.....                              | 8,625   | 11,599   | 18,810  | 3,162   | 6,466   | 128,256 | 88      | 3,569   | 6,053     | 9,075   | 39,408   | 478,933  |              |
| Sheepshead.....                         | 1,473   | 431      | 1,562   | 80      | 2,273   | 2,594   | 215     | 219     | 100       | 2,253   | 206      | 4,292    |              |
| Skate.....                              | 25,478  | 34,473   | 27,859  | 32,767  | 35,539  | 22,033  | 1,221   | 5,000   | 22,355    | 6,306   | 9,331    | 232,947  |              |
| Snowfish, Broadbill.....                | 2,408   | 1,208    | 1,562   | 696     | 2,273   | 2,594   | 215     | 219     | 100       | 2,253   | 206      | 4,292    |              |
| Tuna, Albacore.....                     | 14,075  | 2,188    | 3,246   | 634     | 7       | 76      | 104,294 | 61,318  | 127,308   | 4,750   | 3,324    | 334,552  |              |
| Tuna, Bluefin.....                      | 3,195   | 1,448    | 1,356   | 2,811   | 2,925   | 1,334   | 1,579   | 1,232   | 882       | 1,156   | 902      | 275,899  |              |
| Tuna, Bonito.....                       | 12,213  | 10,308   | 5,639   | .....   | .....   | .....   | .....   | .....   | .....     | .....   | .....    | .....    |              |
| Whale, Ocean.....                       | .....   | .....    | .....   | .....   | .....   | .....   | .....   | .....   | .....     | .....   | .....    | .....    |              |
| Miscellaneous Fish.....                 | .....   | .....    | .....   | .....   | .....   | .....   | .....   | .....   | .....     | .....   | .....    | .....    |              |
| Crustacean:                             | .....   | .....    | .....   | .....   | .....   | .....   | .....   | .....   | .....     | .....   | .....    | .....    |              |
| Lobster, Spiny.....                     | .....   | .....    | .....   | .....   | .....   | .....   | .....   | .....   | .....     | .....   | .....    | .....    |              |
| Mollusk:                                | .....   | .....    | .....   | .....   | .....   | .....   | .....   | .....   | .....     | .....   | .....    | .....    |              |
| Abalone.....                            | 24,550  | 4,471    | 19,550  | 36,150  | 42,550  | 72,100  | 94,258  | 63,350  | 32,350    | 47,000  | 153,650  | 631,558  |              |
| Clam, Pismo.....                        | 4,152   | 5,227    | 5,227   | 3,006   | 5,038   | 5,134   | 4,008   | 2,844   | 1,723     | 2,688   | 3,232    | 44,111   |              |
| Oyster, Japanese.....                   | 36,457  | 38,344   | 64,590  | 52,320  | 45,450  | 24,090  | 24,480  | 26,070  | 27,015    | 32,340  | 32,220   | 439,651  |              |
| Grand totals, Santa Barbara Region..... | 236,151 | 212,247  | 255,899 | 218,068 | 254,068 | 311,186 | 345,207 | 687,192 | 555,549   | 332,693 | 393,595  | 298,927  | 4,037,332    |

TABLE 35  
COMMERCIAL FISH LANDINGS IN THE SANTA BARBARA REGION DURING 1943  
Fishing Boat Landings from California Waters

TABLE 36  
 COMMERCIAL FISH LANDINGS IN THE LOS ANGELES REGION DURING 1943  
 Fishing Boat Landings from California Waters

| Species                   | January    | February   | March     | April     | May       | June      | July      | August    | September  | October     | November   | December   | Total pounds |
|---------------------------|------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|------------|-------------|------------|------------|--------------|
| Anchovy.....              | 103,440    | 12,105     | 20,478    | 32,505    | 130,772   | 156,565   | 102,410   | 63,483    | 268,456    | 280,068     | 111,322    | 3,159      | 1,263,463    |
| Barracuda.....            | 1,229      | 22,131     | 122,435   | 166,945   | 453,068   | 634,528   | 273,135   | 113,416   | 9,423      | 30,354      | 9,235      | 681        | 1,535,750    |
| Calico Pacific.....       | 50         | 88         | 26        | 20        | 45        | 933       | 50        | 23        | 53         | 69          | 698        | .....      | 1,273        |
| Flounder, Starry.....     | .....      | .....      | 159       | 102       | 569       | 200       | 301       | 618       | 60         | .....       | .....      | .....      | 1,639        |
| Flying Fish.....          | .....      | .....      | .....     | 1,186     | 683       | 490       | .....     | .....     | .....      | .....       | .....      | .....      | 2,359        |
| Hallibut, California..... | 4,202      | 62,079     | 91,533    | 65,994    | 11,727    | 13,793    | 7,949     | 4,521     | 5,518      | 5,548       | 8,022      | .....      | 267,096      |
| Kingfish.....             | 14,203     | 12,379     | 33,434    | 33,986    | 26,319    | 13,563    | 6,811     | 2,079     | 3,262      | 13,267      | 10,721     | .....      | 126,660      |
| Mackerel, Horse.....      | 4,202,735  | 391,249    | 36,450    | 46,230    | 1,472     | 774       | 815       | 1,387,919 | 824,250    | 266,969     | 4,911,273  | 288,801    | 12,279,755   |
| Mackerel, Pacific.....    | 3,369,963  | 1,544,880  | 638,203   | 22,094    | 79,560    | 223,664   | 149,612   | 2,503,076 | 10,189,727 | 15,820,659  | 24,894,355 | 9,581,232  | 69,698,455   |
| Porch.....                | 351        | 556        | 1,949     | 5,776     | 256       | 121       | 3,021     | 3,171     | 2,616      | 683         | 712        | .....      | 34,408       |
| Pompano, California.....  | 87         | 1,468      | 506       | 296       | 283       | 264       | 137       | 81        | 259        | 531         | 315        | 332        | 4,549        |
| Rock Bass.....            | 17,115     | 3,029      | 1,045     | 1,550     | 12,154    | 14,656    | 3,134     | 6,607     | 2,183      | 6,284       | 19,268     | 12,883     | 105,919      |
| Rockfish.....             | 21,013     | 31,654     | 32,517    | 36,223    | 42,078    | 19,461    | 3,690     | 69        | 301        | 1,941       | 5,584      | 1,696      | 196,574      |
| Sablefish.....            | 3,402      | 1,566      | 439       | 313       | 6,040     | 17,762    | 1,383     | 62        | .....      | 12          | 819        | 1,762      | 34,147       |
| Sand Dab.....             | 480        | 1,432      | 2,267     | 1,272     | 269       | 6         | 8         | 17        | 36         | 82          | 100        | .....      | 6,038        |
| Sardine.....              | 83,692,474 | 25,782,207 | 171,692   | 36,719    | 30,660    | 1,280     | .....     | 11,698    | 639,450    | 99,648,148  | 42,408,151 | 60,370,660 | 282,710,040  |
| Scupin.....               | 1,463      | 2,420      | 2,989     | 3,691     | 2,609     | 2,129     | 1,432     | 891       | 3,569      | 2,431       | 1,513      | 751        | 29,272       |
| Sea-bass, Black.....      | 88         | 63         | 756       | 322       | 427       | 743       | 609       | 1,287     | 345        | 1,708       | 53         | 297        | 7,280        |
| Sea-bass, White.....      | 421        | 214        | 2,662     | 14,618    | 18,678    | 22,328    | 112,716   | 17,265    | 22,011     | 4,832       | 128        | 215,244    | 128          |
| Shark.....                | 7,262      | 10,193     | 14,776    | 43,418    | 81,800    | 171,460   | 63,049    | 38,814    | 38,240     | 45,143      | 16,181     | 11,249     | 571,687      |
| Sheepshead.....           | 4,200      | 7,002      | 307       | 400       | 156       | 280       | 91        | 361       | 4,200      | 6,252       | 1,708      | .....      | 36,608       |
| Slate.....                | 809        | 1,266      | 2,697     | 885       | 454       | 437       | 570       | 7         | 165        | 240         | 747        | 1,350      | 9,028        |
| Snelt.....                | 8,795      | 10,999     | 12,359    | 26,942    | 9,258     | 6,178     | 6,755     | 13,069    | 15,665     | 47,575      | 36,299     | 31,116     | 295,168      |
| Sole.....                 | 171        | 1,050      | 1,120     | 2,273     | 4,646     | 4,477     | 1,073     | 487       | 717        | 713         | 311        | 216        | 17,856       |
| Sweetfish, Broadbill..... | .....      | .....      | .....     | 629       | 19,976    | 31,322    | 44,623    | 31,722    | 29,450     | 17,680      | .....      | .....      | 174,863      |
| Tuna, Albacore.....       | 200        | .....      | .....     | .....     | .....     | .....     | 3,398,354 | 2,764,659 | 388,776    | 126,717     | 6,739      | .....      | 6,665,745    |
| Tuna, Bluefin.....        | .....      | .....      | 345,436   | 1,263,387 | 799,154   | 948,455   | 1,243,014 | 396,569   | 133,553    | 1,300,071   | 320,160    | .....      | 6,753,690    |
| Tuna, Bonito.....         | 45,779     | 5,556      | 15,811    | 688       | 19,200    | 9,701     | 10,437    | 166,769   | 69,751     | 19,335      | 4,094      | 3,420      | 490,842      |
| Tuna, Skipjack.....       | 6          | .....      | .....     | .....     | .....     | .....     | .....     | 293       | 2,065      | 18,241      | 8          | .....      | 15,573       |
| Tuna, Yellowfin.....      | .....      | .....      | .....     | .....     | .....     | .....     | .....     | 167       | 60         | .....       | .....      | .....      | 385          |
| Whitefish, Ocean.....     | 2,215      | 559        | 257       | 458       | 2,638     | 4,442     | 42        | 181       | 938        | 482         | 3,445      | 2,208      | 17,862       |
| Yellowtail.....           | .....      | 337        | 6,280     | 648       | 897       | 2,104     | 2,042     | 850       | 329        | 2,225       | 631        | 700        | 17,043       |
| Miscellaneous Fish.....   | 4,202      | 906        | 1,306     | 5,897     | 7,440     | 7,712     | 3,334     | 2,125     | 2,543      | 14,370      | 9,893      | 1,074      | 61,072       |
| Crustacean:               | .....      | .....      | .....     | .....     | .....     | .....     | .....     | .....     | .....      | .....       | .....      | .....      | .....        |
| Lobster, Spiny.....       | 5,481      | 4,059      | 3,821     | .....     | .....     | .....     | .....     | .....     | .....      | 97,878      | 42,236     | 27,206     | 120,461      |
| Mollusk:                  | .....      | .....      | .....     | .....     | .....     | .....     | .....     | .....     | .....      | .....       | .....      | .....      | .....        |
| Abalone.....              | .....      | .....      | .....     | .....     | 18,165    | .....     | .....     | 6,525     | 6,620      | .....       | 462        | 1,708      | 42,725       |
| Octopus.....              | .....      | .....      | .....     | 26        | .....     | .....     | .....     | .....     | .....      | .....       | .....      | .....      | 26           |
| Squid.....                | 10,830     | 1,030      | 189       | .....     | .....     | .....     | .....     | .....     | .....      | 4           | .....      | .....      | 27,313       |
| Total pounds.....         | 61,408,169 | 27,925,382 | 1,215,435 | 888,567   | 2,263,636 | 2,141,902 | 4,975,892 | 8,888,375 | 12,895,725 | 116,560,929 | 73,889,814 | 71,635,103 | 384,686,469  |

COMMERCIAL FISH CATCH OF CALIFORNIA

1943

TABLE 36  
 COMMERCIAL FISH LANDINGS IN THE LOS ANGELES REGION DURING 1943  
 Fishing Boat Landings from California Waters



TABLE 36—Continued  
Fishing Boat Landings from Waters South of the International Boundary

| Species                          | January    | February   | March     | April     | May       | June      | July       | August     | September  | October     | November   | December   | Total pounds |
|----------------------------------|------------|------------|-----------|-----------|-----------|-----------|------------|------------|------------|-------------|------------|------------|--------------|
| Barracuda                        | 35,251     | 128,051    | 29,793    | 30,236    | 10,799    | 2,506     | 48,237     | 107,745    | 109,995    | 146,890     | 239,988    | 165,656    | 989,116      |
| Cabrilla                         | 43,131     | 60,525     | 10,160    | 1,121     | 3,350     | 2,534     | 17,270     | 9,855      | 16,790     | 11          | 2,268      | 18,475     | 198,930      |
| Cochina, Mexican                 | 7,280      | 763        | 202       | 153       | 445       | 395       | .....      | .....      | .....      | .....       | 15,641     | 4,574      | 5,078        |
| Groupers                         | 23,835     | 10,507     | 3,944     | 4,137     | .....     | .....     | 843        | 26,772     | 61,026     | 42,544      | .....      | .....      | 107,719      |
| Mackerel, Pacific                | 220        | 94         | 60        | .....     | .....     | .....     | .....      | 250        | .....      | .....       | 3,165      | 1,872      | 209,094      |
| Mackerel, Spanish                | .....      | 174        | 207       | 221       | 640       | 1,143     | 3,449      | 213        | .....      | 794         | 4,075      | 632        | 350          |
| Rock Bass                        | .....      | 6,830      | 415       | .....     | .....     | 11,484    | .....      | 26         | .....      | .....       | .....      | .....      | 6,043        |
| Rockfish                         | 14,633     | 12,721     | 12,940    | 1,270     | 18,866    | 8,092     | 42,537     | 106,160    | 152,668    | 41,228      | 12,976     | 4,411      | 20,255       |
| Sea-bass, Blue                   | 10,918     | 1,808      | .....     | .....     | 222       | .....     | 1,116      | 25,918     | 10,495     | 7,599       | 5,154      | .....      | 69,408       |
| Sea-bass, White                  | 15         | .....      | .....     | .....     | .....     | .....     | .....      | 1,953      | 590        | 130         | .....      | .....      | 2,891        |
| Shark                            | 383        | 232        | 140       | 86        | .....     | .....     | 73         | .....      | 330        | 416         | .....      | .....      | 2,027        |
| Sheepshead                       | .....      | .....      | .....     | .....     | .....     | .....     | .....      | .....      | 250        | .....       | .....      | .....      | 290          |
| Shrimp                           | .....      | .....      | .....     | .....     | .....     | .....     | .....      | .....      | .....      | .....       | 151        | .....      | 151          |
| Smelt                            | .....      | .....      | .....     | .....     | .....     | .....     | .....      | .....      | .....      | .....       | .....      | .....      | 167          |
| Sole                             | 12,616     | .....      | 167       | .....     | .....     | .....     | .....      | .....      | .....      | .....       | .....      | .....      | 1,100,893    |
| Tuna, Albacore                   | .....      | .....      | 191,556   | 174,594   | 448,343   | 444,178   | 3,649      | 558,181    | 523,493    | 2,806       | 148        | .....      | 2,217,911    |
| Tuna, Bluefin                    | .....      | .....      | 4,547     | 109       | 3,310     | 15,138    | 117,509    | 481,628    | 38,579     | 206,616     | 22,084     | .....      | 658,270      |
| Tuna, Bonito                     | 5,083      | 38,914     | .....     | .....     | .....     | .....     | .....      | .....      | .....      | .....       | .....      | .....      | 20,753       |
| Tuna, Skipjack                   | 32,431     | 248,941    | 91,485    | 578,644   | 714,233   | 338,901   | 968,210    | 1,234,209  | 1,094,012  | 594,470     | 290,243    | 361,627    | 6,991,375    |
| Tuna, Yellowfin                  | 392,668    | 829,484    | 704,571   | 2,901,440 | 2,973,833 | 3,294,105 | 1,292,483  | 1,568,654  | 1,383,279  | 774,462     | 426,758    | 1,780,872  | 10,668,888   |
| Whitefish, Ocean                 | 429        | 793        | 2,531     | 83        | .....     | .....     | .....      | 45         | 49         | 110         | .....      | .....      | 4,901        |
| Yellowtail                       | 5,945      | 19,743     | 40,096    | 5,894     | 197,538   | 1,404,638 | 1,237,506  | 595,061    | 55,913     | 78,138      | 26,540     | 46,888     | 4,043,666    |
| Miscellaneous Fish               | 13         | .....      | .....     | .....     | .....     | 127       | 433        | .....      | .....      | 304         | 300        | .....      | 1,177        |
| Crustaceans                      | .....      | .....      | .....     | .....     | .....     | .....     | .....      | .....      | .....      | .....       | .....      | .....      | .....        |
| Lobster, Spiny                   | 71,226     | 67,700     | 35,863    | .....     | .....     | .....     | .....      | .....      | .....      | .....       | 674        | 3,439      | 178,902      |
| Mollusk                          | .....      | .....      | .....     | .....     | .....     | .....     | .....      | .....      | .....      | .....       | .....      | .....      | .....        |
| Clam, Pismo                      | 17,886     | 52,113     | 35,500    | 33,818    | 19,954    | 10,690    | 72,166     | 30,329     | 36,222     | 14,204      | 33,877     | .....      | 356,849      |
| Total landings                   | 650,910    | 1,471,693  | 1,183,447 | 4,632,647 | 4,392,802 | 5,838,105 | 5,076,809  | 5,309,221  | 3,602,337  | 1,933,439   | 1,047,102  | 2,525,222  | 36,863,954   |
| Grand totals, Los Angeles Region | 62,069,079 | 20,397,075 | 2,298,482 | 4,918,514 | 6,656,798 | 7,980,127 | 10,032,611 | 14,197,696 | 16,498,062 | 118,494,398 | 74,936,916 | 73,360,323 | 420,950,433  |

DIVISION OF FISH AND GAME

TABLE 36 [continued]

TABLE 37  
COMMERCIAL FISH LANDINGS IN THE SAN DIEGO REGION DURING 1943

| Species                   | January   | February | March   | April  | May     | June    | July      | August    | September | October   | November  | December  | Total pounds |
|---------------------------|-----------|----------|---------|--------|---------|---------|-----------|-----------|-----------|-----------|-----------|-----------|--------------|
| Anchovy.....              |           |          | 65,772  | 3,607  | 84,711  | 145,822 | 487       | 363       | 5,637     | 13,242    | 8,212     | 1,791     | 355,848      |
| Barramundi.....           | 90        |          | 197     | 12     | 355     | 333     |           |           |           | 44        |           |           | 1,031        |
| Halibut, California.....  | 51        | 81       | 628     | 1,853  | 10,708  | 1,959   |           | 167       | 688       | 2,140     | 3,246     | 4,475     | 35,155       |
| Kingfish.....             |           | 99       | 76      | 435    | 1,022   | 12      | 189       |           |           | 122       | 244       |           | 2,319        |
| Mackerel, Home.....       | 883       |          |         |        |         |         |           |           |           |           |           |           | 883          |
| Mackerel, Pacific.....    | 2,194     | 33       | 2,217   | 17,334 | 77,433  | 298,317 | 191       |           | 59,438    | 80,095    | 63,691    | 74,793    | 645,528      |
| Mullet.....               |           | 9,799    | 30,204  | 9,854  | 1,188   |         |           |           | 661       | 1,947     | 4,330     | 8,116     | 66,063       |
| Pompano, California.....  |           |          |         |        |         | 23      |           |           |           |           |           |           | 23           |
| Rock Bass.....            | 1,637     | 1,444    | 26      | 25     | 1,308   | 2,554   | 23        | 847       | 499       | 1,297     | 5,909     | 5,871     | 21,899       |
| Rockfish.....             | 633       | 1,140    | 1,198   | 1,275  | 3,194   | 696     |           |           |           |           |           |           | 11,595       |
| Sardines.....             | 1,295,218 | 12,260   | 24,382  | 1,270  | 1,903   | 2,180   |           |           | 165       | 1,261,238 | 1,689,873 | 873,600   | 5,169,375    |
| Sculpin.....              | 333       |          |         |        |         |         |           |           |           | 210       | 1,665     |           | 4,951        |
| Sea-bass, Black.....      |           |          | 230     | 116    | 222     | 5,807   | 410       |           |           | 790       | 907       | 1,677     | 10,139       |
| Sea-bass, White.....      | 18        |          | 888     | 142    | 3,191   | 7,459   | 742       |           | 165       | 5,702     | 7,376     | 1,288     | 28,138       |
| Shark.....                | 3,423     | 15,485   | 11,214  | 25,465 | 40,061  | 73,890  | 13,281    | 1,268     |           | 7,002     | 5,924     | 2,631     | 203,627      |
| Sheepshead.....           | 131       | 217      | 184     | 159    |         |         | 10        |           |           | 490       | 838       |           | 2,437        |
| Smed.....                 | 60        |          | 119     |        | 106     |         |           |           |           |           |           |           | 303          |
| Sole.....                 |           |          |         |        |         | 5       |           |           |           |           |           |           | 5            |
| Swordfish, Broadbill..... |           |          |         |        |         |         | 4,341     |           |           | 1,375     | 2,515     |           | 8,231        |
| Tuna, Albacore.....       | 28        |          |         |        |         | 443     | 1,418,848 | 2,694,267 | 94,622    | 216,368   |           | 166       | 3,362,153    |
| Tuna, Bluefin.....        |           |          |         |        | 199,180 | 101,830 | 5,660     | 168,210   | 76,217    |           |           |           | 581,316      |
| Tuna, Bonito.....         |           |          | 863     | 27     | 1,867   | 15,917  | 1,090     | 310       | 350       | 2,172     | 8,130     | 2,228     | 32,944       |
| Tuna, Skipjack.....       |           |          |         |        |         |         |           | 1,131     | 397       | 733       |           |           | 2,251        |
| Tuna, Yellow Fin.....     |           |          |         |        |         | 266     | 1,263     |           |           | 14        |           |           | 1,473        |
| Whitefish, Ocean.....     | 242       |          |         |        |         |         |           |           |           | 174       | 888       | 437       | 1,741        |
| Yellowtail.....           |           |          |         |        | 138     | 650     | 7,533     | 488       |           | 4,033     | 3,121     |           | 16,308       |
| Miscellaneous Fish.....   |           |          |         |        | 2       |         |           |           |           |           |           |           | 2            |
| Crustaceans:              |           |          |         |        |         |         |           |           |           |           |           |           |              |
| Lobster, Spiny.....       | 3,402     | 1,832    | 2,210   |        |         |         |           |           |           | 4,134     | 9,245     | 31,435    | 52,368       |
| Mollusk:                  |           |          |         |        |         |         |           |           |           |           |           |           |              |
| Squid.....                | 16,213    |          |         |        |         |         |           |           |           |           | 16,087    |           | 32,400       |
| Total pounds.....         | 1,325,068 | 45,389   | 170,409 | 61,306 | 437,918 | 623,757 | 1,453,796 | 2,268,704 | 208,450   | 1,606,003 | 1,832,350 | 1,009,925 | 11,042,135   |

COMMERCIAL FISH CATCH OF CALIFORNIA

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TABLE 37  
COMMERCIAL FISH LANDINGS IN THE SAN DIEGO REGION DURING 1943  
Fishing Boat Landings from California Waters

TABLE 37—Continued  
Fishing Boat Landings from Waters South of the International Boundary

| Species                        | January   | February  | March     | April     | May       | June      | July      | August     | September | October   | November  | December  | Total pounds |
|--------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|-----------|-----------|-----------|-----------|--------------|
| Barracuda                      | 23,234    | 21,530    | 17,777    | 13,058    | 31,553    | 7,172     | 2,317     | 400        | 26,940    | 144,624   | 86,169    | 13,561    | 461,335      |
| Cabrilla                       | 8,246     | 2,013     | 282       | 11,403    |           | 108       |           | 2,716      |           | 60        | 8,319     | 13,609    | 46,956       |
| Cortina, Mexican               |           |           |           |           |           |           |           |            |           | 30        |           |           | 30           |
| Cultra, Pacific                | 8,785     | 638       | 432       |           | 184       | 27        | 6         | 8,101      |           |           |           |           | 43,115       |
| Groupers                       | 19,121    | 19,917    | 17,822    | 10,778    | 194       | 16        | 69        | 14,972     | 27,328    |           | 16,688    | 8,563     | 204,775      |
| Kingfish                       |           |           |           | 5,105     | 2,574     | 6,182     |           |            | 400       | 1,282     | 37        |           | 13,678       |
| Mackerel, Pacific              | 78        | 1,257     |           |           |           | 203       |           |            | 1,337     | 8,673     | 623       | 314       | 12,609       |
| Mackerel, Spanish              |           |           |           |           |           |           |           |            |           | 985       | 6,733     |           | 7,718        |
| Mullet                         | 642       | 788       | 692       | 1,428     | 1,290     | 2,110     |           | 8,302      | 7,330     | 8,303     | 2,606     | 8,531     | 41,732       |
| Rock Bass                      | 24,979    | 22,032    | 32,660    | 19,322    | 26,032    | 47,157    | 1,813     |            |           | 2,250     | 410       | 240       | 180,655      |
| Rockfish                       |           |           |           | 1,249     | 120       |           |           |            |           |           |           |           | 1,469        |
| Sablefish                      |           |           |           |           |           |           |           |            |           |           |           |           | 50           |
| Sardines                       |           | 50        | 294       | 1,336     | 1,624     | 93        |           |            |           |           |           |           | 3,527        |
| Sculpin                        |           | 8,312     | 12,794    | 23,635    | 21,619    | 4,094     | 41,933    | 39,910     | 14,872    | 2,790     | 40,148    | 7,790     | 231,072      |
| Sea-bass, Blue                 |           | 466       | 432       | 11        |           | 62        | 21        | 33         | 2,406     | 16,179    | 22,613    | 8,654     | 31,267       |
| Sea-bass, White                |           | 10        |           | 1,053     | 444       |           |           | 466        | 534       | 250       |           |           | 9,643        |
| Shark                          |           | 4,824     | 1,011     | 1,704     | 307       | 500       | 712       |            | 200       | 2,277     | 7,967     | 4,522     | 24,523       |
| Sheepshead                     |           |           | 33        | 13        |           |           | 74        |            | 129       | 102       | 108       | 544       | 1,063        |
| Sole                           |           |           |           |           |           | 35        |           | 885        | 9,264     | 5,741     | 1,995     | 234       | 18,738       |
| Sturgeon, Broadbill            |           |           |           |           |           |           |           |            |           |           |           |           | 15           |
| Swedish, Broadbill             |           |           |           |           |           |           |           |            |           |           |           |           | 18,738       |
| Tuna, Albacore                 | 110,114   | 390       |           |           |           |           | 214,155   | 5,750,965  | 2,140,859 | 150,750   | 1,610     | 386       | 8,388,156    |
| Tuna, Bluefin                  |           |           |           | 5,290     | 125,380   | 135,173   | 27        | 630        | 23,470    |           |           |           | 296,570      |
| Tuna, Bonito                   | 62,555    | 30,218    | 2,275     | 87,470    | 132,730   | 5,935     |           | 16,676     | 3,223     | 63,970    | 83,727    | 33,361    | 822,484      |
| Tuna, Skipjack                 | 44,000    | 570,038   | 1,244,302 | 960,138   | 1,017,033 | 1,097,236 | 2,638,272 | 3,745,482  | 2,167,483 | 3,849,979 | 2,831,640 | 1,707,563 | 21,884,505   |
| Tuna, Yellowfin                | 448,151   | 1,553,980 | 1,716,218 | 1,507,502 | 1,736,550 | 2,902,237 | 3,073,230 | 3,440,712  | 3,911,269 | 2,308,236 | 2,325,877 | 4,956,241 | 30,200,282   |
| Whitefish, Ocean               | 8,624     | 3,464     | 738       | 558       | 602       | 108       | 100       | 1,504      |           | 4,101     |           |           | 11,622       |
| Yellowtail                     | 29,297    | 22,522    | 25,528    | 33,599    | 542,510   | 140,440   | 12,024    | 8,747      | 38,578    | 170,775   | 112,976   | 45,422    | 882,624      |
| Miscellaneous Fish             |           |           |           |           |           | 872       |           | 162        | 90        |           |           |           | 1,084        |
| Crustacean:                    |           |           |           |           |           |           |           |            |           |           |           |           |              |
| Lobster, Spiny                 | 98,302    | 108,004   | 103,332   | 12,790    |           |           |           |            |           |           | 329       | 55,166    | 129,663      |
| Mollusk:                       |           |           |           |           |           |           |           |            |           |           |           |           |              |
| Abalone                        |           |           |           |           |           |           |           |            | 65        |           | 105       |           | 170          |
| Clam, Pismo                    |           |           | 24,599    | 518       | 24,431    | 47,095    | 18,226    | 33,126     | 40,638    |           | 10,881    |           | 208,915      |
| Total pounds                   | 1,000,904 | 2,381,085 | 3,214,471 | 2,697,248 | 3,350,700 | 4,437,117 | 6,021,238 | 13,107,104 | 8,425,215 | 6,817,376 | 5,847,932 | 6,972,640 | 64,273,139   |
| Grand totals, San Diego Region | 2,226,002 | 2,426,474 | 3,284,880 | 2,738,684 | 3,788,618 | 5,060,874 | 7,475,004 | 15,375,908 | 8,633,065 | 8,428,439 | 7,680,282 | 7,981,574 | 75,315,274   |

DIVISION OF FISH AND GAME

TABLE 37 [continued]

TABLE 38  
ORIGIN OF COMMERCIAL FISH LANDINGS IN CALIFORNIA DURING 1944

| Species                   | California    | North of the State Boundary | South of the International Boundary | Total pounds  |
|---------------------------|---------------|-----------------------------|-------------------------------------|---------------|
| Anchovy.....              | 3,891,029     |                             |                                     | 3,891,029     |
| Barracuda.....            | 2,317,299     |                             | 1,330,878                           | 3,648,177     |
| Cabernose.....            | 3,900         |                             |                                     | 3,900         |
| Cabrilla.....             |               |                             | 208,909                             | 208,909       |
| Carp.....                 | 18,312        |                             |                                     | 18,312        |
| Catfish.....              | 340,468       |                             |                                     | 340,468       |
| Corbina, Mexican.....     |               |                             | 1,405                               | 1,405         |
| Cultus, Pacific.....      | 745,067       | 2,871                       | 87                                  | 748,025       |
| Eel.....                  | 1,150         |                             |                                     | 1,150         |
| Flounder.....             | 366,520       |                             |                                     | 366,520       |
| Flying Fish.....          | 3,112         |                             |                                     | 3,112         |
| Grouper.....              |               |                             | 95,623                              | 95,623        |
| Hake.....                 | 4,751         |                             |                                     | 4,751         |
| Halibut, California.....  | 1,118,528     |                             | 373,853                             | 1,492,381     |
| Halibut, Northern.....    | 244,027       | 48                          |                                     | 244,075       |
| Hardhead.....             | 1,694         |                             |                                     | 1,694         |
| Herring, Pacific.....     | 422,255       |                             |                                     | 422,255       |
| Kingfish.....             | 367,224       |                             | 477                                 | 367,701       |
| Mackerel, Horse.....      | 12,777,119    |                             |                                     | 12,777,119    |
| Mackerel, Pacific.....    | 83,655,555    |                             | 1,194                               | 83,656,749    |
| Mackerel, Spanish.....    |               |                             | 14,263                              | 14,263        |
| Mullet.....               | 189,025       |                             | 2,032                               | 191,057       |
| Perch.....                | 146,872       |                             | 1,986                               | 148,858       |
| Pike.....                 | 716           |                             |                                     | 716           |
| Pompano, California.....  | 12,178        |                             |                                     | 12,178        |
| Rock Bass.....            | 180,590       |                             | 48,414                              | 229,004       |
| Rockfish.....             | 6,406,727     | 1,681                       | 12,824                              | 6,421,232     |
| Sablefish.....            | 4,116,451     |                             |                                     | 4,116,451     |
| Salmon.....               | 10,285,964    |                             |                                     | 10,285,964    |
| Sand Dab.....             | 551,220       |                             |                                     | 551,220       |
| Sardine.....              | 1,147,207,117 |                             | 765                                 | 1,147,207,882 |
| Sculpin.....              | 52,982        |                             | 4,288                               | 57,270        |
| Sea-bass, Black.....      | 30,523        |                             | 404,322                             | 434,845       |
| Sea-bass, White.....      | 254,050       |                             | 139,918                             | 393,968       |
| Shad.....                 | 2,688,954     |                             |                                     | 2,688,954     |
| Shark.....                | 2,591,278     | 10,126                      | 12,027                              | 2,613,431     |
| Sheepshead.....           | 157,003       |                             | 11,650                              | 168,653       |
| Skate.....                | 50,419        |                             |                                     | 50,419        |
| Smelt.....                | 1,540,906     |                             | 138                                 | 1,541,044     |
| Sole.....                 | 4,697,459     | 1,144                       | 1,723                               | 4,700,326     |
| Split-tail.....           | 8,179         |                             |                                     | 8,179         |
| Swordfish, Broadbill..... | 441,388       |                             | 307,995                             | 749,383       |
| Tomcod.....               | 135           |                             |                                     | 135           |
| Tuna, Albacore.....       | 8,658,805     | 2,535,547                   | 9,774,659                           | 20,969,011    |
| Tuna, Bluefin.....        | 16,083,584    |                             | 4,259,995                           | 20,343,579    |
| Tuna, Bonito.....         | 326,175       |                             | 492,696                             | 818,871       |
| Tuna, Skipjack.....       | 43,676        |                             | 29,993,560                          | 30,037,236    |
| Tuna, Yellowfin.....      | 45,373        |                             | 63,098,518                          | 63,143,891    |
| Turbot.....               | 72,825        |                             |                                     | 72,825        |
| Whitebait.....            | 269,425       |                             |                                     | 269,425       |
| Whitefish, Ocean.....     | 23,571        |                             | 71,230                              | 94,801        |
| Yellowtail.....           | 30,540        |                             | 2,926,222                           | 2,956,762     |
| Miscellaneous Fish.....   | 99,569        | 66                          | 757                                 | 100,392       |
| Crustacean:               |               |                             |                                     |               |
| Crab.....                 | 2,935,316     |                             |                                     | 2,935,316     |
| Lobster, Spiny.....       | 512,402       |                             | 407,463                             | 919,865       |
| Shrimp.....               | 291,974       |                             |                                     | 291,974       |
| Mollusk:                  |               |                             |                                     |               |
| Abalone.....              | 1,630,402     |                             |                                     | 1,630,402     |
| Clam, Cockle.....         | 407           |                             |                                     | 407           |
| Clam, Pismo.....          | 34,054        |                             | 11,719,792                          | 11,753,846    |
| Clam, Soft-shell.....     | 31,316        |                             |                                     | 31,316        |
| Clam, Washington.....     | 1,423         |                             |                                     | 1,423         |
| Octopus.....              | 7,536         |                             |                                     | 7,536         |
| Oyster, Eastern.....      | 106,596       |                             |                                     | 106,596       |
| Oyster, Japanese.....     | 636,686       |                             |                                     | 636,686       |
| Squid.....                | 10,936,595    |                             |                                     | 10,936,595    |
| Total pounds.....         | 1,330,670,794 | 2,551,483                   | 125,719,364                         | 1,458,941,641 |

This table includes actual landings at California ports by the commercial fishing fleet as well as shipments from other states and foreign countries by truck, rail and ocean liner to California canneries and to the fresh fish dealers. For details see page 41.

TABLE 38  
ORIGIN OF COMMERCIAL FISH LANDINGS IN CALIFORNIA DURING 1944

TABLE 38  
POUNDS AND VALUE OF COMMERCIAL FISH LANDINGS IN CALIFORNIA DURING 1944

| Species              | Eureka Region |         | Sacramento Region |         | San Francisco Region |           | Monterey Region |           |
|----------------------|---------------|---------|-------------------|---------|----------------------|-----------|-----------------|-----------|
|                      | Pounds        | Value   | Pounds            | Value   | Pounds               | Value     | Pounds          | Value     |
| Anchovy              |               |         |                   |         | 110,010              | \$3,062   | 847,915         | \$2,079   |
| Barracuda            |               |         |                   |         | 2,953                | 95        | 934             | 27        |
| Cabrillo             |               |         |                   |         |                      |           |                 |           |
| Coip                 | 104           | \$18    | 14,235            | \$220   |                      |           |                 |           |
| Calappa              |               |         | 340,468           | 83,291  |                      |           |                 |           |
| Corbin, Mexican      |               |         |                   |         |                      |           |                 |           |
| Culture, Pacific     | 543,815       | 50,521  |                   |         | 121,501              | 3,815     | 76,792          | 5,000     |
| Eel                  | 1,135         | 114     |                   |         |                      |           |                 |           |
| Flounder, Saury      | 197,334       | 10,881  | 430               | 15      | 130,767              | 6,169     | 34,775          | 1,750     |
| Flying Fish          |               |         |                   |         |                      |           |                 |           |
| Groper               |               |         |                   |         |                      |           |                 |           |
| Hake                 | 3,553         | 288     |                   |         | 856                  | 78        | 17,497          | 2,697     |
| Hallibut, California |               |         |                   |         | 2,739                | 133       |                 |           |
| Hallibut, Northern   | 240,904       | 43,163  |                   |         | 3,771                | 367       |                 |           |
| Hardhead             |               |         | 1,664             | 495     |                      |           |                 |           |
| Herring, Pacific     | 101,334       | 2,536   |                   |         | 270,524              | 6,381     | 50,337          | 641       |
| Kingfish             |               |         |                   |         | 1,980                | 122       | 333,905         | 17,450    |
| Mackerel, Horse      | 457           | 10      |                   |         |                      |           | 83,043          | 5,728     |
| Mackerel, Pacific    |               |         |                   |         | 838                  | 35        | 551,336         | 17,124    |
| Mackerel, Spanish    |               |         |                   |         |                      |           |                 |           |
| Mullet               |               |         |                   |         |                      |           |                 |           |
| Pike                 | 33,712        | 3,388   |                   |         | 44,401               | 4,455     | 23,735          | 2,235     |
| Pumpkin, California  |               |         | 716               | 56      |                      |           |                 |           |
| Rock Bass            |               |         |                   |         |                      |           | 3,388           | 1,070     |
| Rockfish             |               |         |                   |         |                      |           | 440             | 20        |
| Salmon               | 3,525,923     | 248,918 |                   |         | 68,965               | 3,815     | 731,701         | 29,398    |
| Sardine              | 1,629,468     | 193,208 |                   |         | 67,252               | 4,046     | 3,192,627       | 175,452   |
| Shad                 | 3,791,094     | 719,023 | 3,265,143         | 415,974 | 2,646,714            | 438,008   | 576,379         | 90,399    |
| Sand Dab             | 293,256       | 13,794  |                   |         | 273,322              | 19,000    | 65,496          | 3,398     |
| Sardine              |               |         | 76,506,350        | 841,572 | 207,987,320          | 2,293,877 | 500,065,951     | 5,374,971 |
| Scupin               |               |         |                   |         |                      |           |                 |           |
| Sea-bass, Black      |               |         |                   |         |                      |           |                 |           |
| Sea-bass, White      | 3,306         | 457     |                   |         | 8,612                | 1,646     | 9,099           | 1,151     |
| Shad                 |               |         | 2,688,517         | 121,083 | 147                  | 7         |                 |           |
| Shark                |               |         |                   |         | 559,229              | 306,118   | 290,410         | 32,398    |
| Sheepshead           | 754,321       | 175,428 |                   |         |                      |           |                 |           |

DIVISION OF FISH AND GAME

TABLE 39  
POUNDS AND VALUE OF COMMERCIAL FISH LANDINGS IN CALIFORNIA DURING 1944

|                             |            |             |            |             |             |             |             |             |
|-----------------------------|------------|-------------|------------|-------------|-------------|-------------|-------------|-------------|
| Skate.....                  | 651        | 6           |            |             | 28,900      | 345         | 8,700       | 224         |
| Sardine.....                | 32,027     | 2,422       |            |             | 1,307,293   | 80,042      | 139,541     | 8,965       |
| Sole.....                   | 3,138,550  | 214,891     |            |             | 1,332,593   | 70,010      | 223,168     | 14,285      |
| Split-tail.....             |            |             | 8,179      | 450         |             |             |             |             |
| Swordfish, Broadbill.....   |            |             |            |             |             |             |             |             |
| Tomcod.....                 | 185        | 5           |            |             | 2,131       | 357         | 225,101     | 36,918      |
| Tuna, Albacore.....         | 77,889     | 14,634      |            |             | 1,997       | 199         |             |             |
| Tuna, Bluefin.....          |            |             |            |             |             |             |             |             |
| Tuna, Bonita.....           |            |             |            |             |             |             |             |             |
| Tuna, Skipjack.....         |            |             |            |             |             |             |             |             |
| Tuna, Yellowfin.....        |            |             |            |             |             |             |             |             |
| Turbot.....                 | 5,889      | 404         |            |             | 17,399      | 1,088       | 1,650       | 131         |
| Whitefish.....              | 247,500    | 38,939      |            |             | 20,423      | 3,296       | 1,032       | 122         |
| Whitefish, Ocean.....       |            |             |            |             |             |             |             |             |
| Yellowtail.....             |            |             |            |             | 12,668      | 618         | 4,868       | 29          |
| Miscellaneous Fish.....     | 26,480     | 1,860       |            |             |             |             |             |             |
| Crustaceans:                |            |             |            |             |             |             |             |             |
| Crab.....                   | 365,852    | 42,467      |            |             | 2,429,439   | 367,035     | 159,455     | 15,533      |
| Crab, Rock.....             |            |             |            |             |             |             |             |             |
| Locheater, Spiny.....       |            |             |            |             |             |             |             |             |
| Shrimp.....                 |            |             |            |             | 291,674     | 11,427      |             |             |
| Mollusk:                    |            |             |            |             |             |             |             |             |
| Abalone.....                |            |             |            |             | 289,301     | 26,130      | 2,717       | 290         |
| Clam, Cockle.....           |            |             |            |             |             |             |             |             |
| Clam, Pismo.....            |            |             |            |             | 21,216      | 1,886       | 1,313       | 164         |
| Clam, Soft-shell.....       |            |             |            |             |             |             |             |             |
| Clam, Washington.....       | 1,423      | 97          |            |             | 4,385       | 308         | 974         | 118         |
| Octopus.....                | 1,600      | 113         |            |             | 106,896     | 10,357      |             |             |
| Oyster, Eastern.....        |            |             |            |             | 177,181     | 13,097      |             |             |
| Oyster, Japanese.....       |            |             |            |             |             |             | 10,860,644  | 296,982     |
| Squid.....                  |            |             |            |             |             |             |             |             |
| Total pounds and value..... | 17,255,829 | \$1,779,785 | 82,825,602 | \$1,460,489 | 218,162,866 | \$3,683,230 | 617,366,136 | \$6,352,114 |

COMMERCIAL FISH CATCH OF CALIFORNIA

TABLE 39 [continued]

TABLE 39 - Continued  
 POUNDS AND VALUE OF COMMERCIAL FISH LANDINGS IN CALIFORNIA DURING 1944

| Species                  | Santa Barbara Region |          | Los Angeles Region |           | San Diego Region |        | Total         |            |
|--------------------------|----------------------|----------|--------------------|-----------|------------------|--------|---------------|------------|
|                          | Pounds               | Value    | Pounds             | Value     | Pounds           | Value  | Pounds        | Value      |
| Anchovy.....             |                      |          | 2,030,311          | \$54,005  | 2,793            | \$84   | 3,501,029     | \$54,252   |
| Barracuda.....           | 68,265               | \$12,913 | 2,851,812          | 370,435   | 716,100          | 86,340 | 3,648,177     | 469,683    |
| Chismon.....             |                      |          | 35                 | 3         |                  |        | 3,000         | 133        |
| Codfish.....             |                      |          | 100,201            | 27,200    | 43,708           | 6,786  | 208,909       | 33,989     |
| Carp.....                |                      |          | 3,973              | 397       |                  |        | 18,312        | 1,045      |
| Catfish.....             |                      |          |                    |           |                  |        | 346,408       | 80,261     |
| Corbina, Mexican.....    |                      |          | 605                | 79        | 800              | 96     | 2,405         | 175        |
| Culion, Pacific.....     | 875                  | 75       | 2,902              | 375       | 948              | 72     | 746,035       | 64,759     |
| Eel.....                 |                      |          | 24                 | 2         |                  |        | 1,159         | 116        |
| Flounder, Starry.....    | 2,441                | 112      | 773                | 5         |                  |        | 365,329       | 19,931     |
| Flying Fish.....         |                      |          | 3,112              | 232       |                  |        | 3,112         | 235        |
| Groper.....              |                      |          | 1,944              | 333       | 63,979           | 14,588 | 65,923        | 14,921     |
| Hake.....                |                      |          | 143                | 11        |                  |        | 4,751         | 377        |
| Halibut, California..... | 607,739              | 97,373   | 695,336            | 194,079   | 253,903          | 50,334 | 1,402,111     | 288,514    |
| Halibut, Northern.....   |                      |          |                    |           |                  |        | 244,073       | 43,200     |
| Hardhead.....            |                      |          |                    |           |                  |        | 1,094         | 495        |
| Herring, Pacific.....    |                      |          |                    |           |                  |        | 422,353       | 9,455      |
| Kingfish.....            | 175                  | 10       | 110,494            | 3,065     | 1,177            | 101    | 397,701       | 23,778     |
| Mackerel, Horse.....     |                      |          | 13,994,379         | 222,137   |                  |        | 13,771,116    | 228,903    |
| Mackerel, Pacific.....   | 75,113               | 3,679    | 82,912,883         | 1,681,484 | 118,779          | 4,545  | 83,662,749    | 1,708,870  |
| Mackerel, Spanish.....   |                      |          | 1,801              | 753       | 5,492            | 424    | 14,253        | 1,217      |
| Mullet.....              |                      |          | 102,253            | 8,425     | 87,804           | 10,775 | 191,057       | 19,204     |
| Perc.....                | 22,953               | 1,072    | 22,144             | 2,949     |                  |        | 148,528       | 16,499     |
| Pike.....                |                      |          |                    |           |                  |        | 716           | 59         |
| Pompano, California..... |                      |          | 8,892              | 1,053     |                  |        | 12,178        | 3,623      |
| Rock Bass.....           | 42,327               | 2,377    | 119,059            | 16,051    | 67,201           | 9,492  | 229,004       | 31,440     |
| Rockfish.....            | 48,819               | 2,166    | 24,952             | 1,446     | 21,762           | 1,899  | 6,421,232     | 287,232    |
| Sablefish.....           |                      |          | 7,054              | 740       |                  |        | 4,116,451     | 374,456    |
| Salmon.....              | 7,434                | 1,242    |                    |           |                  |        | 10,285,954    | 1,694,846  |
| Sand Dab.....            |                      |          | 1,809              | 1,277     |                  |        | 531,229       | 39,439     |
| Sardine.....             |                      |          | 359,090,377        | 3,950,251 | 3,597,884        | 39,822 | 1,147,207,882 | 12,715,033 |
| Sculpin.....             | 297                  | 13       | 43,770             | 4,373     | 2,205            | 88     | 67,270        | 2,574      |
| Sea-bass, Black.....     | 1,561                | 199      | 243,449            | 45,219    | 194,833          | 29,121 | 434,845       | 74,239     |
| Sea-bass, White.....     | 64,615               | 9,332    | 373,994            | 37,593    | 23,102           | 3,009  | 393,998       | 43,524     |
| Shad.....                |                      |          | 663,231            | 103,439   | 175,521          |        | 2,858,954     | 121,040    |
| Shark.....               | 274,699              | 63,227   |                    |           |                  |        | 2,613,431     | 757,083    |
| Sheepshead.....          | 65,611               | 9,057    | 55,273             | 8,103     | 17,764           | 1,652  | 189,933       | 18,812     |

DIVISION OF FISH AND GAME

TABLE 39 [continued]

|                             |           |           |              |              |             |             |               |              |
|-----------------------------|-----------|-----------|--------------|--------------|-------------|-------------|---------------|--------------|
| Skate.....                  | 4,329     | 133       | 7,221        | 261          | .....       | .....       | 58,419        | 1,888        |
| Snout.....                  | 11,454    | 1,005     | 150,611      | 15,099       | 138         | 13          | 1,641,044     | 107,545      |
| Sole.....                   | 78,528    | 3,329     | 9,187        | 833          | .....       | .....       | 4,700,326     | 303,270      |
| Spiidfish.....              | .....     | .....     | .....        | .....        | .....       | .....       | 8,179         | 450          |
| Swordfish, Broadbill.....   | 136,239   | 41,707    | 300,146      | 91,243       | 312,998     | 92,609      | 749,333       | 235,694      |
| Tunas.....                  | .....     | .....     | .....        | .....        | .....       | .....       | 135           | 6            |
| Tuna, Albacore.....         | 650,454   | 105,732   | 5,452,184    | 875,055      | 14,553,255  | 2,447,505   | 20,549,011    | 3,483,641    |
| Tuna, Bluefin.....          | 157,206   | 14,944    | 19,117,064   | 1,815,535    | 1,957,191   | 104,501     | 20,343,550    | 1,935,624    |
| Tuna, Bonito.....           | 62,853    | 4,850     | 252,574      | 24,164       | 473,714     | 40,448      | 818,871       | 69,462       |
| Tuna, Skipjack.....         | .....     | .....     | 8,338,012    | 743,537      | 21,998,304  | 1,803,569   | 30,037,295    | 2,994,117    |
| Tuna, Yellowfin.....        | .....     | .....     | 23,066,087   | 2,273,792    | 40,077,804  | 3,989,081   | 63,143,591    | 6,365,873    |
| Turbot.....                 | 47,505    | 1,653     | 102          | 3            | .....       | .....       | 72,535        | 3,561        |
| Whitefish.....              | .....     | .....     | .....        | .....        | .....       | .....       | 269,433       | 42,297       |
| Whitefish, Ocean.....       | 2,681     | 422       | 15,013       | 1,728        | 32,802      | 8,492       | 100,301       | 10,642       |
| Yellowtail.....             | .....     | .....     | 1,938,025    | 150,337      | 1,094,119   | 84,034      | 2,637,171     | 234,421      |
| Miscellaneous Fish.....     | 19,458    | 2,032     | 36,196       | 3,334        | .....       | 115         | 100,392       | 7,908        |
| Crustaceans.....            | .....     | .....     | .....        | .....        | .....       | .....       | 2,584,776     | 428,035      |
| Crab.....                   | .....     | .....     | .....        | .....        | .....       | .....       | 840           | 54           |
| Crab, Rock.....             | .....     | .....     | .....        | .....        | .....       | .....       | 619,865       | 251,672      |
| Lobster, Spiny.....         | 141,555   | 34,867    | 178,548      | 33,554       | 599,763     | 104,281     | 291,974       | 11,427       |
| Shrimp.....                 | .....     | .....     | .....        | .....        | .....       | .....       | .....         | .....        |
| Mollusk.....                | .....     | .....     | .....        | .....        | .....       | .....       | .....         | .....        |
| Abalone.....                | 1,373,450 | 112,772   | 64,634       | 5,875        | .....       | .....       | 1,630,402     | 145,057      |
| Clam, Cockle.....           | .....     | .....     | .....        | .....        | .....       | .....       | 407           | 39           |
| Clam, Forno.....            | 32,311    | 3,222     | 11,730,222   | 313,646      | .....       | .....       | 11,783,846    | 317,037      |
| Clam, Softshell.....        | .....     | .....     | .....        | .....        | .....       | .....       | 31,315        | 1,983        |
| Clam, Washington.....       | .....     | .....     | .....        | .....        | .....       | .....       | 1,423         | 97           |
| Octopus.....                | .....     | .....     | .....        | .....        | .....       | .....       | 7,338         | 568          |
| Oyster, Eastern.....        | .....     | .....     | .....        | .....        | .....       | .....       | 196,896       | 10,537       |
| Oyster, Japanese.....       | 489,505   | 34,038    | .....        | .....        | .....       | .....       | 625,695       | 37,135       |
| Squid.....                  | .....     | .....     | 64,031       | 2,017        | .....       | .....       | 10,938,595    | 290,987      |
| Total pounds and value..... | 4,391,289 | \$549,914 | \$33,997,774 | \$13,136,001 | \$5,315,045 | \$9,167,012 | 1,458,941,641 | \$36,126,445 |

This table includes actual landings at California ports by the commercial fishing fleet as well as shipments from other states and foreign countries by truck, rail and ocean liner to California canneries and to the fresh fish dealers. For details see page 41.

COMMERCIAL FISH CATCH OF CALIFORNIA

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TABLE 39 [continued]



TABLE 40  
MONTHLY COMMERCIAL FISH LANDINGS IN CALIFORNIA DURING 1944

| Species                  | January     | February   | March   | April     | May     | June      | July      | August     | September   | October    | November    | December    | Total<br>pounds |
|--------------------------|-------------|------------|---------|-----------|---------|-----------|-----------|------------|-------------|------------|-------------|-------------|-----------------|
| Anchovy.....             | 80,000      | 1,456      | 9,710   | 27,070    | 76,410  | 70,329    | 48,595    | 398,820    | 1,889,075   | 1,050,188  | 88,933      | 172,476     | 3,891,029       |
| Barracuda.....           | 164,737     | 144,497    | 487,170 | 289,940   | 704,413 | 772,472   | 355,357   | 240,172    | 178,379     | 217,253    | 121,044     | 33,144      | 3,648,177       |
| Cabrilla.....            | 127         | 141        | 1,827   | 693       | 415     | 78        | 398       | 21         | 229         | 10         | 10          | 10          | 2,000           |
| Carp.....                | 8,990       | 14,373     | 42,990  | 23,902    | 14,077  | 7,229     | 24,073    | 12,062     | 8,819       | 31,099     | 7,348       | 13,363      | 208,909         |
| Catfish.....             | 456         | 1,680      | 2,744   | 940       | 1,527   | 1,942     | 788       | 3,486      | 311         | 670        | 4,200       | 18,312      | 340,468         |
| Corbina, Mexican.....    | 17,623      | 27,529     | 122,379 | 61,243    | 80,069  | 89,393    | 74,635    | 76,147     | 42,042      | 65,212     | 34,007      | 79,446      | 746,025         |
| Cutou, Pacific.....      | .....       | .....      | .....   | .....     | .....   | .....     | .....     | .....      | .....       | .....      | .....       | .....       | 1,408           |
| Ed.....                  | 12,004      | 42,045     | 45,120  | 19,235    | 43,611  | 60,854    | 27,317    | 11,268     | 11,888      | 19,686     | 4,700       | 78,726      | 366,820         |
| Flounder, Starry.....    | 2,652       | 6,148      | 67,747  | 80        | 4,016   | 66        | .....     | .....      | .....       | .....      | .....       | .....       | 3,112           |
| Flying Fish.....         | 719         | 34         | 173     | 815       | 2,489   | 774       | 5,250     | 227        | 83          | 25         | .....       | .....       | 95,623          |
| Hake.....                | 9,219       | 201,527    | 208,585 | 93,173    | 96,107  | 88,770    | 132,961   | 133,760    | 108,965     | 132,351    | 85,923      | 117,556     | 1,692,111       |
| Halibut, California..... | 607         | 15         | .....   | 65,200    | 105,008 | 49,902    | 8,648     | 4,997      | 3,124       | 469        | 1,173       | 1,223       | 244,075         |
| Halibut, Northern.....   | 424         | .....      | .....   | .....     | .....   | .....     | .....     | .....      | .....       | .....      | .....       | .....       | 1,064           |
| Herring, Pacific.....    | 200,627     | 32,660     | 119,259 | 6,181     | 2,695   | 1,200     | .....     | .....      | .....       | .....      | .....       | .....       | 422,255         |
| Krillfish.....           | 22,965      | 27,784     | 35,218  | 50,454    | 55,094  | 63,882    | 38,416    | 11,851     | 22,241      | 34,467     | 14,895      | 15,573      | 307,701         |
| Mackerel, Horse.....     | 345,094     | 88,280     | 2,711   | 7,589     | 28,486  | 38,310    | 28,841    | 196,182    | 5,638,245   | 2,123,392  | 2,512,946   | 1,788,838   | 12,777,119      |
| Mackerel, Pacific.....   | 6,537,201   | 1,248,745  | 292,289 | 137,179   | 310,618 | 100,944   | 300,987   | 1,047,076  | 22,293,696  | 23,045,187 | 15,104,965  | 12,216,947  | 83,595,749      |
| Mackerel, Spanish.....   | 2,307       | 2,905      | .....   | .....     | 329     | 623       | 340       | .....      | .....       | 2,686      | 4,331       | 692         | 14,283          |
| Mullet.....              | 66,316      | 15,096     | 47,837  | 25,388    | 17,733  | 9,189     | 338       | .....      | .....       | 4,829      | 2,739       | .....       | 191,697         |
| Parrot.....              | 16,096      | 13,715     | 42,085  | 48,289    | 6,431   | 2,185     | 8,574     | 2,386      | 1,465       | 3,321      | 3,119       | .....       | 148,858         |
| Pike.....                | 47          | 377        | 181     | 3,780     | 1,088   | 641       | 510       | .....      | .....       | 154        | 187         | 29          | 2,718           |
| Pompano, California..... | 17,359      | 17,004     | 14,063  | 17,998    | 20,787  | 38,029    | 47,242    | 24,394     | 5,288       | 8,711      | 6,618       | 11,620      | 229,094         |
| Rock Bass.....           | 100,825     | 112,255    | 237,570 | 327,720   | 707,254 | 892,224   | 370,119   | 1,203,063  | 509,154     | 550,756    | 230,244     | 450,148     | 6,431,232       |
| Sablefish.....           | 122,745     | 74,065     | 237,909 | 380,982   | 702,111 | 634,709   | 414,544   | 427,911    | 443,723     | 470,100    | 122,855     | 84,920      | 4,116,451       |
| Salmon.....              | 24,081      | 81,319     | 74,665  | 293,012   | 173,281 | 1,735,283 | 1,901,110 | 2,275,077  | 1,971,783   | 84,442     | 18,581      | 23,297      | 285,964         |
| Sand Dab.....            | 30,469      | 17,494     | 75,772  | 44,839    | 78,266  | 78,107    | 70,167    | 35,917     | 88,031      | 26,308     | 15,442      | 26,921      | 551,220         |
| Sardine.....             | 132,246,960 | 10,110,272 | 63,627  | 69,022    | 27,725  | 63,069    | 2,941,185 | 81,096,716 | 144,590,096 | 368,420    | 185,941,728 | 181,201,128 | 1,147,207,882   |
| Sculpin.....             | 2,341       | 1,719      | 5,748   | 4,173     | 8,547   | 10,491    | 10,127    | 9,545      | 2,354       | 331        | 108         | 566         | 67,270          |
| Sea-bass, Black.....     | 44,640      | 25,685     | 42,078  | 63,353    | 14,478  | 27,494    | 40,081    | 21,997     | 22,299      | 22,266     | 7,910       | 23,242      | 414,545         |
| Sea-bass, White.....     | 7,548       | 5,583      | 5,331   | 12,845    | 25,557  | 49,093    | 23,356    | 101,183    | 26,945      | 93,928     | 23,545      | 11,075      | 383,968         |
| Shad.....                | .....       | .....      | 305,441 | 1,065,470 | 143,690 | 4,061     | .....     | .....      | .....       | .....      | .....       | .....       | 2,888,994       |
| Shark.....               | 383,367     | 132,522    | 110,476 | 143,728   | 106,941 | 221,115   | 89,293    | 255,038    | 144,131     | 94,388     | 116,692     | 682,690     | 2,613,431       |
| Sheepshead.....          | 17,259      | 20,674     | 27,759  | 22,694    | 7,315   | 2,183     | 11,829    | 5,794      | 2,793       | 10,783     | 12,874      | 23,784      | 168,683         |
| State.....               | 8,318       | 8,460      | 9,384   | 6,984     | 5,231   | 2,460     | 1,084     | 1,148      | 591         | 531        | 1,873       | .....       | 9,419           |

DIVISION OF FISH AND GAME

TABLE 40  
MONTHLY COMMERCIAL FISH LANDINGS IN CALIFORNIA DURING 1944

|                           |             |            |            |            |            |            |            |             |             |             |             |             |               |
|---------------------------|-------------|------------|------------|------------|------------|------------|------------|-------------|-------------|-------------|-------------|-------------|---------------|
| Squid.....                | 45,921      | 257,883    | 464,689    | 235,632    | 128,180    | 53,378     | 61,749     | 66,875      | 58,782      | 55,644      | 29,195      | 18,194      | 1,541,044     |
| Sole.....                 | 219,847     | 286,812    | 455,699    | 422,816    | 494,131    | 601,811    | 676,297    | 251,988     | 312,277     | 489,111     | 115,416     | 405,401     | 4,700,325     |
| Split-tail.....           | 543         | 524        | 940        | 20         |            |            |            | 1,111       | 3,728       | 815         | 818         | 280         | 8,179         |
| Swordfish, Broadbill..... |             |            | 90         |            |            | 3,109      | 58,834     | 117,720     | 174,430     | 257,112     | 123,790     | 14,358      | 749,383       |
| Tanooki.....              | 212         |            |            |            |            |            |            |             |             |             |             |             | 183           |
| Tuna, Albacore.....       | 790,319     | 559,564    | 1,200,659  | 5,017,949  | 25         | 2,271      | 4,290,244  | 3,313,505   | 6,862,161   | 3,798,605   | 1,528,214   | 528,144     | 20,999,011    |
| Tuna, Bluefin.....        | 28,673      | 72,411     | 17,201     | 9,244      |            | 19,556     | 14,839     | 107,533     | 105,628     | 39,778      | 160,639     | 245,633     | 818,371       |
| Tuna, Bonito.....         | 647,795     | 1,679,981  | 923,570    | 4,042,663  | 1,622,307  | 1,454,907  | 2,278,801  | 4,694,418   | 3,418,790   | 4,218,162   | 2,459,827   | 2,253,119   | 30,037,255    |
| Tuna, Skipjack.....       | 1,421,983   | 4,224,473  | 4,999,181  | 3,995,001  | 10,806,283 | 3,427,695  | 7,472,335  | 8,713,089   | 3,949,621   | 5,791,567   | 2,532,941   | 5,787,613   | 63,143,391    |
| Turbot.....               | 3,315       | 4,613      | 5,537      | 6,614      | 18,155     | 11,754     | 3,798      | 4,617       | 3,105       | 2,988       | 2,473       | 1,699       | 72,323        |
| Whitefish.....            | 20,498      | 39,063     | 38,268     | 43,121     | 49,292     | 36,408     | 30,070     | 12,069      | 987         | 554         | 90          | 90          | 269,425       |
| Whitefish, Ocean.....     | 15,139      | 24,677     | 22,739     | 13,420     | 14,180     | 6,277      | 2,969      | 619         | 119         | 396         | 373         | 1,280       | 100,903       |
| Yellowtail.....           | 90,168      | 128,969    | 37,672     | 23,276     | 197,496    | 466,523    | 741,850    | 26,685      | 682,008     | 115,019     | 203,210     | 283,845     | 2,037,171     |
| Miscellaneous Fish.....   | 5,075       | 6,985      | 8,005      | 9,748      | 17,029     | 18,675     | 9,629      | 5,187       | 4,244       | 4,121       | 7,991       | 8,576       | 100,392       |
| Crustaceans:              |             |            |            |            |            |            |            |             |             |             |             |             |               |
| Crab.....                 | 194,296     | 246,328    | 391,666    | 378,876    | 378,932    | 247,805    | 241,916    | 115,507     | 1,668       |             | 387,258     | 356,974     | 2,935,316     |
| Loahster, Spiny.....      | 197,080     | 134,783    | 114,707    | 16,155     |            |            |            |             |             | 173,688     | 103,233     | 189,179     | 919,865       |
| Shrimp.....               | 26,580      | 18,077     | 27,317     | 31,465     | 18,779     | 10,886     | 39,180     | 39,005      | 31,312      | 11,282      | 13,233      | 15,744      | 291,974       |
| Mollusk:                  |             |            |            |            |            |            |            |             |             |             |             |             |               |
| Abalone.....              | 101,300     |            | 57,513     | 140,400    | 285,579    | 113,501    | 149,508    | 158,002     | 131,863     | 243,524     | 64,087      | 184,425     | 1,830,402     |
| Clam, Cockle.....         |             | 135        |            |            |            | 290        | 6          | 6           |             |             |             |             | 497           |
| Clam, Pismo.....          | 587,512     | 747,216    | 633,874    | 1,272,769  | 637,451    | 1,145,618  | 1,312,651  | 1,370,289   | 281,784     | 705,392     | 1,173,923   | 1,565,268   | 11,733,846    |
| Clam, Nuttall.....        | 2,177       | 1,588      | 2,469      | 2,215      | 3,071      | 2,632      | 2,897      | 4,435       | 3,086       | 2,859       | 2,845       | 1,261       | 31,216        |
| Clam, Washington.....     |             | 65         | 430        | 676        |            |            |            |             |             |             | 88          | 454         | 1,433         |
| Octopus.....              | 429         | 315        | 1,067      | 849        | 1,113      | 597        | 1,101      | 694         | 133         | 267         | 399         | 500         | 1,356         |
| Oyster, Eastern.....      | 63,243      | 9,168      | 9,684      | 8,720      | 7,292      | 48,009     | 37,727     | 54,193      | 62,218      | 61,746      | 69,868      | 49,689      | 20,407        |
| Oyster, Japanese.....     | 3,750       | 161        | 1,690      | 2,200      | 2,336,095  | 4,792,337  | 1,387,235  | 1,319,248   | 444,483     | 238,645     | 331,694     | 222,526     | 10,936,363    |
| Total pounds.....         | 145,674,563 | 40,436,782 | 12,037,968 | 15,759,865 | 29,436,136 | 23,964,601 | 29,834,615 | 121,584,094 | 215,538,401 | 430,992,601 | 214,069,026 | 179,612,966 | 1,455,941,641 |

This table includes actual landings at California ports by the commercial fishing fleet as well as shipments from other states and foreign countries by truck, rail and ocean liner to California canneries and to the fresh fish dealers. For details see page 41.

COMMERCIAL FISH CATCH OF CALIFORNIA

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TABLE 40 [continued]

TABLE 41  
 COMMERCIAL FISH LANDINGS IN THE EUREKA REGION DURING 1944  
 Fishing Boat Landings from California Waters

| Species            | January | February | March   | April     | May       | June      | July      | August    | September | October   | November | December  | Total pounds |
|--------------------|---------|----------|---------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|-----------|--------------|
| Corp.              |         |          |         |           |           |           |           |           |           |           |          |           | 194          |
| Culter, Pacific    | 5,122   | 15,554   | 81,364  | 48,373    | 73,375    | 45,338    | 52,722    | 68,997    | 33,102    | 42,845    | 13,507   |           | 540,644      |
| Eel                |         |          | 940     | 165       |           |           |           |           |           |           |          |           | 1,105        |
| Flozider, Starry   | 4,218   | 7,284    | 8,413   | 651       | 20,721    | 31,659    | 10,828    | 10,500    | 11,573    | 18,427    | 1,376    |           | 107,234      |
| Hake               | 326     |          | 108     | 133       |           |           | 2,619     | 227       | 85        | 78        |          |           | 3,653        |
| Hallibut, Northern | 607     |          |         | 68,350    | 104,799   | 48,416    | 7,787     | 4,997     | 3,124     | 469       | 1,159    |           | 240,556      |
| Herring, Pacific   | 80,605  | 20,694   | 65      |           |           |           |           |           |           |           |          |           | 101,364      |
| MacKenzie, Horse   |         |          |         |           |           |           |           |           |           | 276       | 65       |           | 341          |
| Perch              | 2,281   | 5,426    | 16,611  | 9,216     |           |           |           | 48        | 30        |           |          |           | 33,712       |
| Rockfish           | 85,965  | 88,327   | 298,300 | 296,850   | 700,071   | 370,610   | 314,279   | 943,807   | 448,959   | 488,849   | 214,822  |           | 3,524,242    |
| Subfish            | 7,270   | 10,069   | 131,190 | 241,270   | 422,560   | 311,209   | 135,453   | 187,280   | 234,553   | 265,438   | 3,578    |           | 1,659,468    |
| Salmon             |         |          |         | 3,732     | 219,146   | 819,889   | 1,084,731 | 1,511,270 | 327,748   | 84,642    | 17       |           | 3,701,084    |
| Sand Dab           | 571     | 7,075    | 22,202  | 10,241    | 30,351    | 20,778    | 30,240    | 19,258    | 22,072    | 19,941    |          |           | 202,266      |
| Sau-bass, White    | 198     | 471      | 24      |           | 545       | 8,476     | 19,369    | 80,832    | 70,848    | 23,778    | 1,645    |           | 2,306        |
| Shark              | 70,716  | 14,530   | 9,382   | 1,835     |           |           |           |           |           |           |          |           | 97,463       |
| Skate              | 288     | 665      | 873     | 648       | 1,040     | 2,521     | 6,046     | 8,981     | 8,113     | 3,753     |          |           | 32,027       |
| Snelt              | 18,202  | 84,833   | 184,854 | 272,246   | 246,722   | 391,431   | 563,279   | 234,187   | 300,328   | 476,529   | 78,750   |           | 3,135,705    |
| Sole               | 125     |          |         |           |           |           |           |           |           |           |          |           | 125          |
| Tuna, Albacore     |         |          |         |           |           |           |           | 3,010     | 2,454     | 47,537    |          |           | 52,999       |
| Turbot             |         | 181      | 160     | 2,228     | 1,860     | 601       |           |           | 175       |           |          |           | 3,065        |
| Whitefish          | 10,623  | 36,291   | 35,406  | 42,628    | 46,217    | 33,289    | 30,004    | 11,726    | 987       | 554       |          |           | 247,560      |
| Miscellaneous Fish | 152     | 489      | 2,084   | 4,688     | 10,414    | 2,223     | 2,837     | 993       | 787       | 1,012     | 284      |           | 26,414       |
| Crustaceans:       |         |          |         |           |           |           |           |           |           |           |          |           |              |
| Crab               | 6,202   | 15,306   | 40,390  | 82,878    | 72,196    | 23,501    | 37,366    | 88,013    | 1,068     |           |          |           | 28,882       |
| Clam, Washington   |         | 65       | 130     | 676       |           |           |           |           |           |           |          |           | 1,471        |
| Octopus            | 84      | 49       | 190     | 156       | 115       |           | 487       | 524       | 69        | 51        | 98       |           | 1,650        |
| Total pounds       | 283,900 | 223,445  | 741,282 | 1,077,964 | 2,001,229 | 2,315,338 | 2,784,062 | 3,102,777 | 1,836,110 | 1,443,856 | 368,704  | 1,281,106 | 17,239,863   |

DIVISION OF FISH AND GAME

TABLE 41  
 COMMERCIAL FISH LANDINGS IN THE EUREKA REGION DURING 1944  
 Fishing Boat Landings from California Waters

TABLE 41—Continued  
Fishing Boat Landings from Waters North of the State Boundary

| Species                      | January | February | March   | April     | May       | June      | July      | August    | September | October   | November | December  | Total pounds |
|------------------------------|---------|----------|---------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|-----------|--------------|
| Cultus, Pacific.....         | 21      | 9        |         |           |           |           |           |           |           |           | 2,841    |           | 2,871        |
| Hallibut, Northern.....      |         |          |         |           |           |           |           |           |           |           | 48       |           | 48           |
| Rockfish.....                |         |          |         |           |           |           |           |           |           |           | 1,681    |           | 1,681        |
| Shark.....                   | 1,785   | 413      |         |           |           |           |           |           |           | 1,335     | 6,823    |           | 10,128       |
| Sole.....                    |         |          |         |           |           |           |           |           |           |           | 1,154    |           | 1,154        |
| Miscellaneous Fish.....      |         |          |         |           |           |           |           |           |           |           | 69       |           | 69           |
| Total pounds.....            | 1,816   | 422      |         |           |           |           |           |           |           | 1,335     | 12,363   |           | 15,096       |
| Grand totals, Eureka Region. | 265,716 | 323,867  | 741,282 | 1,077,954 | 2,001,339 | 2,315,238 | 2,784,052 | 3,162,777 | 1,535,110 | 1,445,191 | 381,127  | 1,281,166 | 17,255,829   |

TABLE 41 [continued]

TABLE 42  
 COMMERCIAL FISH LANDINGS IN THE SACRAMENTO REGION DURING 1944  
 Fishing Boat Landings from California Waters

| Species                              | January    | February | March   | April     | May       | June    | July  | August     | September  | October    | November  | December   | Total pounds |
|--------------------------------------|------------|----------|---------|-----------|-----------|---------|-------|------------|------------|------------|-----------|------------|--------------|
| Carp.....                            | 450        | 1,589    | 2,744   | 649       | 1,527     | 1,942   | ..... | 798        | 3,456      | 311        | 599       | 227        | 14,235       |
| Catfish.....                         | 20,742     | 15,760   | 32,553  | 39,698    | 4,219     | .....   | ..... | 41,980     | 64,207     | 66,534     | 54,643    | .....      | 340,468      |
| Flounder, Starry.....                | 103        | 258      | 40      | .....     | .....     | .....   | ..... | .....      | .....      | .....      | .....     | .....      | 430          |
| Hardhead.....                        | 424        | .....    | 20      | .....     | .....     | .....   | ..... | .....      | 200        | .....      | 650       | .....      | 1,654        |
| Pike.....                            | 49         | 371      | .....   | .....     | .....     | .....   | ..... | .....      | .....      | .....      | .....     | .....      | 716          |
| Salmon.....                          | 24,001     | 81,219   | 74,999  | 131,381   | 1,183,275 | 226,016 | ..... | 232,019    | 1,310,233  | .....      | 18,306    | 33,297     | 3,265,143    |
| Sardine.....                         | 11,410,400 | 377,000  | .....   | .....     | .....     | .....   | ..... | 11,970,100 | 14,622,500 | 17,606,250 | 9,572,500 | 10,947,500 | 74,500,000   |
| Shad.....                            | .....      | .....    | 206,436 | 1,695,405 | 1,413,615 | 4,001   | ..... | .....      | .....      | .....      | .....     | .....      | 2,688,317    |
| Split-tail.....                      | 843        | 324      | 240     | 20        | .....     | .....   | ..... | 1,111      | 3,728      | 815        | 818       | 250        | 8,179        |
| Grand totals, Sacramento Region..... | 11,437,005 | 446,637  | 316,188 | 1,237,142 | 2,582,707 | 232,019 | ..... | 12,203,598 | 15,981,917 | 17,671,848 | 9,659,739 | 11,036,322 | 82,825,602   |

TABLE 42  
 COMMERCIAL FISH LANDINGS IN THE SACRAMENTO REGION DURING 1944  
 Fishing Boat Landings from California Waters

TABLE 43  
 COMMERCIAL FISH LANDINGS IN THE SAN FRANCISCO REGION DURING 1944  
 Fishing Boat Landings from California Waters

| Species                                    | January    | February  | March     | April   | May     | June      | July       | August     | September  | October    | November   | December    | Total pounds |
|--|------------|-----------|-----------|---------|---------|-----------|------------|------------|------------|------------|------------|-------------|--------------|
| Anchovy.....                               | 86         | 1779      | 618       | 30,940  | 43,000  | 10,700    | 16,700     | 5,100      | 3,370      | 142        | 16         | 16          | 110,010      |
| Cakebait.....                              | 5,440      | 6,688     | 34,846    | 10,273  | 9,422   | 6,658     | 16,822     | 3,498      | 3,479      | 10,344     | 6,622      | 7,502       | 121,501      |
| Clupea, Pacific.....                       | 6,147      | 38,830    | 33,949    | 15,901  | 10,833  | 13,438    | 4,554      | 175        | 5          | 705        | 2,686      | 8,555       | 130,767      |
| Hake.....                                  | 280        | 602       | 602       | 238     | 384     | 84        | 196        | 77         | 44         | 107        | 429        | 2,461       | 655          |
| Halibut, California.....                   | 1,619      | 1,219     | 16        | 238     | 384     | 84        | 196        | 77         | 44         | 107        | 429        | 2,461       | 7,739        |
| Halibut, Northern.....                     | 119,962    | 11,906    | 116,185   | 3,136   | 809     | 1,480     | 861        | .....      | .....      | .....      | 52         | 16,193      | 317,111      |
| Kingfish.....                              | 1,608      | 105       | 30        | 18      | 20      | 132       | 67         | .....      | .....      | .....      | .....      | .....       | 1,959        |
| Mackerel, Pacific.....                     | 722        | 4,517     | 17,221    | 7,599   | 4,355   | 2,410     | 6,283      | 711        | 697        | 698        | 1,145      | 1,221       | 838          |
| Perch.....                                 | 6,732      | 4,597     | 17,221    | 7,599   | 4,355   | 2,410     | 6,283      | 711        | 697        | 698        | 1,145      | 1,221       | 44,461       |
| Rockfish.....                              | 7,928      | 3,173     | 8,102     | 3,048   | 4,355   | 2,410     | 8,114      | 7,248      | 6,844      | 11,880     | 3,333      | 2,455       | 68,965       |
| Saltdab.....                               | 45         | 2,302     | 2,302     | 2,379   | .....   | .....     | 11,959     | 3,739      | 9,718      | 13,982     | 2,978      | .....       | 47,232       |
| Salmon.....                                | 15,867     | 35,313    | 46,377    | 90,861  | 247,622 | 588,592   | 770,282    | 531,129    | 209,182    | .....      | .....      | .....       | 2,946,714    |
| Sand Dab.....                              | 17,187,000 | 459,500   | 213       | 1,125   | 1,790   | 128,690   | 31,484,690 | 42,048,425 | 84,071,207 | 22,677,200 | 29,956,800 | 297,587,320 | 162,880      |
| Sardine.....                               | 5,125      | 842       | 307       | 65      | 77      | .....     | .....      | 88         | 299        | 1,767      | 1,101      | 1,483       | 8,912        |
| Sea-bass, White.....                       | 159,212    | 81,482    | 34,838    | 28,298  | 19,203  | 13,629    | 21,241     | 14,994     | 24,271     | 34,323     | 45,027     | 47,582      | 559,259      |
| Shack.....                                 | 5,212      | 5,022     | 5,140     | 5,139   | 905     | 1,694     | 191        | 1,694      | .....      | 830        | 1,734      | .....       | 28,369       |
| Shake.....                                 | 19,832     | 241,720   | 445,683   | 278,273 | 118,720 | 42,333    | 15,928     | 17,459     | 15,692     | 12,976     | 854        | 202         | 1,207,283    |
| Sole.....                                  | 139,000    | 189,700   | 238,442   | 118,279 | 132,890 | 153,278   | 60,644     | 3,856      | 3,396      | 4,090      | 31,798     | 101,660     | 1,282,563    |
| Tuna, Albacore.....                        | .....      | .....     | .....     | .....   | .....   | .....     | .....      | 477        | .....      | .....      | .....      | .....       | 477          |
| Tuna, Bluefin.....                         | .....      | .....     | .....     | .....   | .....   | .....     | .....      | 1,331      | .....      | .....      | .....      | .....       | 1,331        |
| Turbot.....                                | 6          | 303       | 1,100     | 1,355   | 8,470   | 5,403     | 450        | .....      | .....      | 40         | 210        | .....       | 17,399       |
| Whitefish.....                             | 10,275     | 2,902     | 622       | 3,216   | 2,997   | 66        | .....      | .....      | .....      | 18         | .....      | .....       | 20,483       |
| Miscellaneous Fish.....                    | 1,274      | 3,304     | 2,097     | 569     | 263     | 607       | 2          | 152        | 590        | 1,003      | 2,117      | 350         | 12,668       |
| Crustaceans:                               | 184,986    | 229,054   | 346,020   | 268,812 | 275,742 | 205,007   | 191,032    | 25,348     | .....      | .....      | 360,028    | 308,643     | 2,429,439    |
| Crab.....                                  | 25,899     | 18,077    | 27,217    | 31,465  | 18,779  | 19,996    | 39,180     | 39,065     | 31,512     | 11,253     | 13,735     | 15,744      | 231,974      |
| Shrimp.....                                | .....      | .....     | .....     | .....   | .....   | .....     | .....      | .....      | .....      | .....      | .....      | .....       | .....        |
| Mollusk:                                   | .....      | .....     | 13,900    | 14,250  | 27,279  | 13,934    | 18,775     | 49,542     | 38,707     | 96,103     | 6,241      | 13,370      | 289,201      |
| Abalone.....                               | .....      | .....     | 1,588     | 3,499   | 3,215   | 3,071     | 3,297      | 4,455      | 3,096      | 3,959      | 2,946      | 1,221       | 31,916       |
| Clam, Soft-shell.....                      | 127        | 92        | 707       | 589     | 949     | 754       | 614        | 41         | .....      | 170        | 942        | .....       | 4,583        |
| Ostrea.....                                | 7,853      | 9,168     | 9,954     | 8,730   | 7,822   | 4,875     | 19,196     | 4,778      | 4,773      | 6,316      | 8,779      | 12,113      | 108,899      |
| Oyster, Japanese.....                      | 20,123     | 22,002    | 22,084    | 26,329  | 15,484  | 18,952    | 17,833     | 13,618     | 11,646     | 8,410      | 2,160      | 2,580       | 177,181      |
| Grand totals,<br>San Francisco Region..... | 17,972,946 | 1,363,990 | 1,498,617 | 890,267 | 998,032 | 1,445,543 | 1,404,607  | 32,260,909 | 42,417,483 | 54,295,340 | 35,183,730 | 30,821,832  | 218,102,866  |

COMMERCIAL FISH CATCH OF CALIFORNIA

TABLE 43  
 COMMERCIAL FISH LANDINGS IN THE SAN FRANCISCO REGION DURING 1944  
 Fishing Boat Landings from California Waters

TABLE 44  
 COMMERCIAL FISH LANDINGS IN THE MONTEREY REGION DURING 1944  
 Fishing Boat Landings from California Waters

| Species                                  | January           | February          | March          | April          | May              | June             | July             | August            | September          | October            | November          | December          | Total pounds       |
|--|-------------------|-------------------|----------------|----------------|------------------|------------------|------------------|-------------------|--------------------|--------------------|-------------------|-------------------|--------------------|
| Anchovy.....                             |                   |                   |                | 2,786          | 2,410            | 315              | 18,615           | 83,657            | 441,744            | 283,213            | 1,325             | 13,520            | 847,915            |
| Calceolaria.....                         | 41                | 141               | 115            | 63             | 20               | 78               | 388              |                   |                    | 18                 |                   |                   | 884                |
| Ciliata Pacific.....                     | 6,680             | 4,881             | 5,538          | 2,610          | 2,690            | 7,502            | 5,089            | 3,437             | 6,146              | 11,900             | 10,560            |                   | 76,773             |
| Flounder, Striped.....                   | 172               | 146               | 5,351          | 2,585          | 11,809           | 5,252            | 2,577            | 227               | 300                | 232                | 944               |                   | 34,773             |
| Halibut, California.....                 | 254               | 475               | 2,970          | 654            | 869              | 1,570            | 3,300            | 1,516             |                    | 1,061              | 388               |                   | 17,467             |
| Herring, Pacific.....                    | 10,230            | 17,396            | 23,614         | 3,055          | 3,065            | 1,200            | 30,028           | 8,373             | 37,170             | 5,217              | 11,124            |                   | 63,337             |
| Knapfish.....                            | 190               | 390               | 119            | 6,691          | 5,636            | 14,562           | 9,970            | 42,425            | 295                | 215                | 1,490             | 120               | 82,043             |
| Mackerel, Horse.....                     | 9,915             | 8,845             | 698            | 271            | 183              | 674              | 3,292            | 101,147           | 28,946             | 117,034            | 176,565           |                   | 401,226            |
| Mackerel, Pacific.....                   | 133               | 114               | 4,747          | 19,490         |                  |                  | 639              | 36                | 23                 |                    |                   |                   | 23,738             |
| Pompano, California.....                 |                   |                   | 600            | 1,050          | 817              | 453              | 387              |                   |                    |                    |                   |                   | 3,286              |
| Rock Bass.....                           | 20,145            | 7,545             | 14,445         | 7,724          | 7,724            | 440              | 40,000           | 340,000           | 40,000             | 77,000             | 63,466            |                   | 500,010            |
| Rockfish.....                            | 111,631           | 54,680            | 196,476        | 136,505        | 276,170          | 323,039          | 297,118          | 236,200           | 199,265            | 190,690            | 117,110           |                   | 84,756             |
| Sablefish.....                           | 3,298             | 4,669             | 2,190          | 182,848        | 338,370          | 70,022           | 18,077           | 1,662             |                    |                    |                   |                   | 673,579            |
| Sand Fish.....                           | 49,494,608        | 15,895,438        | 154,855        | 476,544        | 217,705          | 485,904          | 2,555,139        | 47,550,538        | 107,413,687        | 165,433,488        | 86,819,176        |                   | 23,568,861         |
| Sardine.....                             | 931               | 820               | 9,024          | 745            | 392              | 3,079            | 1,172            | 316               |                    |                    | 1,326             |                   | 16,959             |
| Sea-bass, White.....                     | 78,732            | 8,280             | 9,024          | 2,979          | 397              | 16,437           | 66,151           | 56,157            | 7,447              | 12,464             | 15,034            |                   | 6,588              |
| Shark.....                               | 1,299             | 1,445             | 955            | 826            | 518              | 828              | 390              | 543               | 181                | 229                |                   |                   | 7,715              |
| Snowflake.....                           | 4,501             | 26                | 1,294          | 1,027          | 200              | 5,998            | 33,141           | 31,542            | 23,254             | 22,802             | 13,499            |                   | 139,541            |
| Sole.....                                | 28                | 3,513             | 15,265         | 55,290         | 35,094           | 81,062           | 19,478           | 3,194             | 1,120              | 2,223              | 366               |                   | 11,065             |
| Tuna, Albacore.....                      |                   |                   |                | 1,060          | 890              | 210              |                  | 2,802             | 82,706             | 136,529            | 1,064             |                   | 223,101            |
| Turbot.....                              |                   |                   | 10             | 468            | 59               | 120              |                  |                   | 370                |                    |                   |                   | 1,050              |
| Whitefish.....                           |                   |                   | 10             |                | 610              | 3,710            | 600              |                   |                    |                    |                   |                   | 4,930              |
| Miscellaneous Fish.....                  |                   |                   |                |                |                  |                  |                  |                   |                    |                    |                   |                   | 6                  |
| Crustacean:                              |                   |                   |                |                |                  |                  |                  |                   |                    |                    |                   |                   |                    |
| Crab.....                                | 3,078             | 1,063             | 5,356          | 21,086         | 29,454           | 19,327           | 12,598           | 1,146             |                    |                    | 26,323            | 20,049            | 139,485            |
| Mollusk:                                 |                   |                   |                |                |                  |                  |                  |                   |                    |                    |                   |                   |                    |
| Abalone.....                             |                   |                   |                |                | 850              | 542              |                  |                   | 1,325              |                    |                   |                   | 2,717              |
| Clam, Furrow.....                        | 110               | 74                | 164            | 104            | 49               | 203              |                  |                   | 26                 | 76                 | 119               | 21                | 168                |
| Ostrea.....                              |                   |                   |                |                |                  |                  |                  |                   |                    |                    |                   |                   | 25                 |
| Squid.....                               |                   |                   | 1,989          | 2,269          | 2,338,695        | 4,732,357        | 1,397,355        | 1,219,348         | 394,265            | 230,605            | 321,554           | 220,905           | 10,869,644         |
| <b>Grand total, Monterey Region.....</b> | <b>49,723,053</b> | <b>16,008,909</b> | <b>338,904</b> | <b>895,547</b> | <b>3,318,028</b> | <b>5,842,498</b> | <b>4,400,385</b> | <b>49,700,109</b> | <b>108,743,890</b> | <b>166,582,169</b> | <b>87,583,927</b> | <b>24,065,597</b> | <b>517,338,136</b> |

DIVISION OF FISH AND GAME

TABLE 44  
 COMMERCIAL FISH LANDINGS IN THE MONTEREY REGION DURING 1944  
 Fishing Boat Landings from California Waters

TABLE 45  
 COMMERCIAL FISH LANDINGS IN THE SANTA BARBARA REGION DURING 1944  
 Fishing Boat Landings from California Waters

| Species                                    | January | February | March   | April   | May     | June    | July    | August  | September | October | November | December | Total<br>pounds |
|--|---------|----------|---------|---------|---------|---------|---------|---------|-----------|---------|----------|----------|-----------------|
| Barracuda.....                             | 23,562  | 9,851    | 15,072  | 7,054   |         |         |         | 1,588   | 4,095     | 4,884   | 1,239    |          | 68,293          |
| Cullus, Pacific.....                       | 26      |          |         |         | 14      |         |         | 5       |           | 63      | 294      |          | 319             |
| Flounder, Starry.....                      | 829     | 501      | 350     |         |         |         |         | 396     | 10        | 292     |          |          | 822             |
| Haddock, California.....                   | 35,997  | 35,673   | 30,130  | 23,050  | 38,421  | 33,883  | 65,891  | 78,079  | 78,000    | 72,916  | 43,559   | 71,014   | 607,736         |
| Kingfish.....                              | 134     |          |         |         |         |         |         |         |           |         | 19       |          | 172             |
| Mackerel, Pacific.....                     | 639     | 62       |         |         |         |         | 6,830   | 12,791  | 18,834    | 33,358  | 1,052    | 1,006    | 76,113          |
| Perch.....                                 | 4,081   | 2,365    | 5,341   | 3,823   | 4,444   |         | 447     | 983     | 419       | 909     | 571      | 174      | 22,903          |
| Rock Bass.....                             | 1,675   | 4,330    | 4,995   | 2,377   | 4,294   | 2,891   | 7,394   | 7,501   | 3,085     | 2,098   | 660      | 146      | 42,327          |
| Rockfish.....                              | 5,847   | 1,889    | 3,262   | 2,098   | 2,546   | 4,638   | 6,196   | 4,777   | 3,221     | 3,083   | 2,900    | 3,059    | 49,519          |
| Salmon.....                                |         |          |         | 51      | 7,169   | 214     |         |         |           |         |          |          | 7,434           |
| Sculpin.....                               | 164     |          |         |         |         | 135     |         |         |           |         |          |          | 297             |
| Sea-bass, Black.....                       | 123     | 390      | 395     | 56      | 97      | 282     |         | 37      |           |         | 256      |          | 1,561           |
| Sea-bass, White.....                       | 2,790   | 1,119    | 3,324   | 2,491   | 929     | 8,252   | 7,428   | 31,191  | 5,168     | 838     | 329      |          | 66,618          |
| Shark.....                                 | 46,491  | 15,168   | 17,445  | 26,094  | 48,929  | 51,082  | 14,273  | 16,855  | 6,270     | 6,493   | 8,060    | 17,798   | 274,669         |
| Sheepshead.....                            | 10,230  | 14,281   | 20,153  | 5,559   | 609     | 495     | 1,656   | 2,322   | 2,490     | 8,718   | 8,669    | 16,824   | 98,611          |
| Skate.....                                 | 919     | 1,432    | 499     |         |         |         |         |         |           |         |          |          | 4,850           |
| Smelt.....                                 | 4,687   | 2,899    | 956     | 1,806   | 1,354   | 916     | 145     | 101     | 397       |         |          |          | 11,454          |
| Sole.....                                  | 10,863  | 7,653    | 11,705  | 7,060   | 6,314   | 1,832   | 2,552   | 4,111   | 7,470     | 5,302   | 3,237    |          | 78,225          |
| Swordfish, Broadbill.....                  |         |          |         |         |         | 192     | 12,176  | 27,031  | 45,076    | 37,350  | 13,028   | 1,219    | 186,229         |
| Tuna, Albacore.....                        |         |          |         |         |         |         | 106,316 | 52,065  | 323,947   | 138,089 | 133      |          | 626,454         |
| Tuna, Bluefin.....                         |         |          |         |         | 105,034 | 25,143  |         | 11,339  | 14,642    |         |          |          | 157,969         |
| Tuna, Bonito.....                          | 2,775   | 107      |         |         |         |         |         | 45,150  | 12,727    | 14      | 28       |          | 62,993          |
| Turbot.....                                | 3,307   | 4,038    | 4,354   | 2,225   | 6,947   | 5,360   | 5,048   | 4,617   | 2,630     | 3,943   | 2,617    | 1,886    | 47,605          |
| Whalefish, Oregon.....                     | 196     | 366      | 511     | 231     | 194     | 87      |         | 290     | 109       | 219     | 168      |          | 2,081           |
| Miscellaneous Fish.....                    | 870     | 726      | 1,839   | 1,250   | 1,404   | 2,623   | 1,868   | 2,035   | 2,226     | 1,796   | 913      | 2,203    | 16,453          |
| Crustacean:                                |         |          |         |         |         |         |         |         |           |         |          |          |                 |
| Lobster, Spiny.....                        | 22,295  | 10,172   | 7,143   |         |         |         |         |         |           | 49,374  | 22,568   | 30,063   | 141,555         |
| Mollusk:                                   |         |          |         |         |         |         |         |         |           |         |          |          |                 |
| Abalone.....                               | 101,300 |          | 43,300  | 126,050 | 257,350 | 99,325  | 130,700 | 104,450 | 87,475    | 137,400 | 35,600   | 150,500  | 1,273,450       |
| Clam, Pismo.....                           | 2,112   | 1,368    | 2,877   | 2,394   | 3,819   | 5,280   | 4,886   | 3,329   | 384       | 1,248   | 1,798    | 2,616    | 32,311          |
| Oyster, Japanese.....                      | 33,120  | 32,550   | 43,190  | 42,190  | 30,626  | 23,772  | 36,390  | 48,900  | 60,100    | 61,488  | 47,520   | 17,527   | 439,505         |
| Grand totals,<br>Santa Barbara Region..... | 313,015 | 147,813  | 218,650 | 292,314 | 624,897 | 257,405 | 409,281 | 466,970 | 679,521   | 678,811 | 195,735  | 329,977  | 4,291,289       |

COMMERCIAL FISH CATCH OF CALIFORNIA

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TABLE 45  
 COMMERCIAL FISH LANDINGS IN THE SANTA BARBARA REGION DURING 1944  
 Fishing Boat Landings from California Waters



TABLE 46  
COMMERCIAL FISH LANDINGS IN THE LOS ANGELES REGION DURING 1944

Fishing Boat Landings from California Waters

| Species                   | January    | February   | March   | April   | May     | June    | July    | August    | September  | October     | November   | December   | Total pounds |
|---------------------------|------------|------------|---------|---------|---------|---------|---------|-----------|------------|-------------|------------|------------|--------------|
| Anchovy.....              | 80,000     | 1,456      | 9,710   | 24,284  | 42,060  | 27,011  | 19,289  | 285,640   | 1,442,231  | 763,375     | 67,608     | 188,656    | 2,830,311    |
| Barracuda.....            | 21,845     | 42,208     | 36,155  | 106,077 | 628,480 | 632,793 | 209,012 | 83,994    | 2,576      | 2,763       | 360        | 54         | 1,940,775    |
| Cabronero.....            |            |            |         | 12      |         |         |         | 21        |            |             |            |            | 33           |
| Carp.....                 |            |            |         |         |         |         |         |           |            |             |            |            | 8,973        |
| Catfish, Pacific.....     | 32         |            | 584     | 87      | 250     | 9       |         | 296       | 316        |             |            | 183        | 695          |
| Eel.....                  |            |            |         |         |         |         |         |           |            |             |            |            | 24           |
| Flounder.....             | 41         | 26         | 103     | 208     | 229     | 108     | 58      |           |            |             |            |            | 773          |
| Goby.....                 |            |            |         |         |         |         |         |           |            |             |            |            | 24           |
| Flying Fish.....          | 113        | 24         | 5       | 20      | 3,019   | 66      |         |           |            |             |            |            | 3,112        |
| Hake.....                 |            |            |         |         |         |         |         |           |            |             |            |            | 142          |
| Hallibut, California..... | 39,023     | 106,226    | 134,497 | 52,259  | 28,589  | 11,148  | 9,789   | 8,242     | 2,262      | 876         | 9,232      | 19,087     | 421,439      |
| Kingfish.....             | 4,895      | 10,263     | 16,274  | 18,400  | 14,941  | 11,434  | 8,335   | 3,427     | 2,462      | 7,300       | 5,783      | 10,381     | 110,464      |
| Mackerel, Horse.....      | 344,814    | 88,029     | 2,592   | 888     | 23,320  | 23,733  | 13,871  | 156,727   | 5,635,099  | 2,132,011   | 2,511,091  | 1,768,362  | 12,694,579   |
| Mackerel, Pacific.....    | 6,516,725  | 13,336,911 | 229,151 | 136,935 | 294,223 | 146,065 | 297,772 | 1,661,667 | 22,273,444 | 22,257,096  | 14,696,538 | 12,166,127 | 82,919,683   |
| Mullet.....               | 41,726     | 13,128     | 28,514  | 16,191  | 1,275   | 3,087   |         |           |            |             |            |            | 101,221      |
| Perc.....                 | 1,756      | 1,145      | 2,054   | 7,849   | 1,933   | 328     | 1,153   | 665       | 265        | 954         | 1,464      | 587        | 20,185       |
| Pompano, California.....  | 1,150      | 1,827      | 2,081   | 2,750   | 271     | 189     | 123     | 6         | 154        | 187         | 26         | 639        | 8,892        |
| Rock Bass.....            | 9,331      | 4,222      | 4,300   | 4,473   | 8,132   | 25,731  | 27,709  | 9,279     | 1,733      | 4,508       | 4,723      | 7,669      | 112,549      |
| Rockfish.....             | 4,055      | 1,021      | 1,054   | 811     | 1,233   | 1,977   | 471     | 1,141     | 183        | 301         | 2,004      | 6,151      | 16,151       |
| Sablefish.....            | 3,799      | 318        | 245     | 855     | 975     | 461     | 51      | 262       | 217        |             |            | 89         | 136          |
| Sand Dab.....             | 153        | 437        | 3,513   | 1,892   | 435     | 284     | 146     |           |            |             |            | 104        | 229          |
| Sardine.....              | 53,270,983 | 13,370,014 | 804,942 | 29,606  | 83,895  | 33,395  | 465     | 12,070    | 311,444    | 149,347,983 | 56,127,207 | 85,481,112 | 359,060,377  |
| Scupin.....               | 2,177      | 1,226      | 6,020   | 3,649   | 6,844   | 9,105   | 9,297   | 8,267     | 2,534      | 331         | 106        | 290        | 45,770       |
| Sea-bass, Black.....      | 489        | 429        | 327     | 432     | 11,468  | 1,208   | 633     | 4,023     | 2,097      | 170         | 70         | 90         | 22,008       |
| Sea-bass, White.....      | 611        | 2,754      | 907     | 9,011   | 12,961  | 35,000  | 11,333  | 55,132    | 8,794      | 15,094      | 14,332     | 6,130      | 161,568      |
| Shark.....                | 22,153     | 10,000     | 31,514  | 39,445  | 62,827  | 91,918  | 107,314 | 91,196    | 33,850     | 15,094      | 14,332     | 45,181     | 685,840      |
| Sheepshead.....           | 4,818      | 4,006      | 4,561   | 11,557  | 5,569   | 1,398   | 5,951   | 2,594     | 215        | 979         | 290        | 7,484      | 33,930       |
| Skate.....                | 598        | 1,502      | 2,174   | 860     | 1,040   | 234     |         | 162       | 216        |             |            |            | 433          |
| Sole.....                 | 18,393     | 12,575     | 15,743  | 13,735  | 8,797   | 6,445   | 6,489   | 8,222     | 11,146     | 16,413      | 14,543     | 16,103     | 150,611      |
| Sole.....                 | 955        | 713        | 1,339   | 461     | 666     | 757     | 314     | 1,390     | 483        | 67          | 120        | 142        | 7,464        |
| Swordfish, Broadbill..... |            |            | 80      |         |         | 2,017   | 35,088  | 67,369    | 48,137     | 90,771      | 50,638     | 6,579      | 291,579      |

DIVISION OF FISH AND GAME

TABLE 46  
COMMERCIAL FISH LANDINGS IN THE LOS ANGELES REGION DURING 1944  
Fishing Boat Landings from California Waters

TABLE 46  
COMMERCIAL FISH LANDINGS IN THE LOS ANGELES REGION DURING 1944

Fishing Boat Landings from California Waters

| Species                   | January    | February   | March   | April   | May     | June    | July    | August    | September  | October     | November   | December   | Total pounds |
|---------------------------|------------|------------|---------|---------|---------|---------|---------|-----------|------------|-------------|------------|------------|--------------|
| Anchovy.....              | 80,000     | 1,456      | 9,710   | 24,284  | 42,060  | 27,011  | 19,289  | 285,640   | 1,442,231  | 763,375     | 67,608     | 188,656    | 2,830,311    |
| Barracuda.....            | 21,845     | 42,208     | 36,155  | 106,077 | 628,480 | 632,793 | 209,012 | 53,594    | 2,576      | 2,763       | 360        | 54         | 1,940,775    |
| Cabonno.....              |            |            |         | 12      |         |         |         | 21        |            |             |            |            | 33           |
| Carp.....                 |            |            |         | 87      | 250     | 9       |         | 296       | 316        |             |            | 183        | 8,973        |
| Catfish, Pacific.....     | 32         |            | 584     |         |         |         |         |           |            |             |            |            | 695          |
| Clam.....                 | 41         | 26         | 103     | 208     | 229     | 108     | 58      |           |            |             | 25         | 2          | 773          |
| Flounder.....             |            |            |         | 29      | 3,019   | 66      |         |           |            |             |            |            | 3,112        |
| Hake.....                 | 113        | 24         | 5       |         |         |         |         |           |            |             |            |            | 142          |
| Hallibut, California..... | 39,023     | 106,226    | 134,497 | 52,259  | 28,589  | 11,145  | 9,789   | 8,242     | 2,262      | 876         | 9,232      | 19,057     | 421,439      |
| Kingfish.....             | 4,869      | 10,263     | 16,274  | 18,400  | 14,941  | 11,434  | 8,335   | 3,427     | 2,462      | 7,300       | 5,783      | 10,381     | 110,464      |
| Mackerel, Horse.....      | 344,814    | 88,029     | 2,592   | 888     | 23,320  | 23,733  | 13,871  | 156,727   | 5,635,099  | 2,132,011   | 2,511,091  | 1,768,362  | 12,694,579   |
| Mackerel, Pacific.....    | 6,516,725  | 13,336,911 | 229,151 | 139,905 | 294,223 | 146,065 | 297,772 | 1,661,667 | 22,273,444 | 22,257,096  | 14,968,538 | 12,166,127 | 82,919,683   |
| Mullet.....               | 41,726     | 13,128     | 28,514  | 16,191  | 1,273   | 3,087   |         |           |            |             |            |            | 101,221      |
| Perch.....                | 1,756      | 1,145      | 2,054   | 7,849   | 1,903   | 328     | 1,153   | 665       | 265        | 954         | 1,464      | 587        | 20,185       |
| Pompano, California.....  | 1,150      | 1,827      | 2,081   | 2,750   | 271     | 189     | 123     | 6         | 154        | 187         | 26         | 639        | 8,892        |
| Rock Bass.....            | 9,581      | 4,222      | 4,300   | 4,473   | 8,132   | 25,731  | 27,709  | 9,279     | 1,733      | 4,508       | 4,723      | 7,669      | 112,549      |
| Rockfish.....             | 4,055      | 1,021      | 1,054   | 811     | 1,233   | 1,977   | 471     | 1,141     | 183        | 301         | 2,094      | 6,151      | 22,792       |
| Sablefish.....            | 3,799      | 318        | 245     | 855     | 975     | 461     | 51      | 262       | 217        |             | 89         | 156        | 7,034        |
| Sand Dab.....             | 153        | 437        | 3,513   | 1,292   | 435     | 284     | 146     |           |            |             | 104        | 19         | 6,936        |
| Sardine.....              | 53,270,983 | 13,370,014 | 804,942 | 29,606  | 53,895  | 33,395  | 465     | 12,070    | 311,444    | 149,347,983 | 56,127,297 | 85,481,112 | 359,060,377  |
| Scupin.....               | 2,177      | 1,226      | 4,020   | 3,649   | 6,844   | 9,105   | 9,297   | 8,267     | 2,334      | 331         | 106        | 290        | 49,770       |
| Sea-bass, Black.....      | 489        | 429        | 327     | 432     | 11,468  | 1,208   | 633     | 4,023     | 2,097      | 170         | 70         | 90         | 22,008       |
| Sea-bass, White.....      | 681        | 2,754      | 907     | 9,011   | 12,961  | 35,000  | 11,033  | 55,132    | 8,794      | 15,094      | 14,332     | 6,130      | 161,568      |
| Shark.....                | 22,153     | 10,000     | 31,514  | 39,445  | 62,827  | 91,918  | 107,314 | 91,196    | 33,850     | 15,094      | 14,332     | 45,181     | 685,840      |
| Sheepshead.....           | 4,818      | 4,006      | 4,561   | 11,057  | 5,569   | 1,398   | 5,961   | 2,094     | 215        | 979         | 290        | 7,484      | 33,930       |
| Skate.....                | 598        | 1,502      | 2,174   | 860     | 1,040   | 234     |         | 162       | 216        |             |            |            | 433          |
| Sole.....                 | 18,393     | 12,575     | 15,743  | 13,735  | 8,797   | 6,445   | 6,489   | 8,222     | 11,146     | 10,413      | 14,543     | 16,103     | 150,611      |
| Sole.....                 | 955        | 713        | 1,339   | 461     | 686     | 757     | 314     | 1,390     |            |             |            |            | 7,464        |
| Swordfish, Broadbill..... |            |            | 80      |         |         | 2,017   | 35,088  | 67,369    | 48,137     | 90,771      | 50,638     | 6,579      | 291,579      |

DIVISION OF FISH AND GAME

TABLE 46 [continued]

TABLE 46—Continued  
Fishing Boat Landings from Waters South of the International Boundary

| Species                   | January | February  | March     | April     | May        | June      | July      | August    | September | October   | November  | December  | Total pounds |
|---------------------------|---------|-----------|-----------|-----------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|--------------|
| Barracuda.....            | 78,446  | 72,020    | 168,526   | 130,781   | 28,317     | .....     | 46,212    | 93,807    | 150,140   | 199,094   | 95,299    | 3,425     | 1,055,007    |
| Cabeilla.....             | 132     | 2,900     | 32,455    | 21,019    | 12,400     | .....     | 7,235     | 22,608    | 12,032    | 8,819     | 31,095    | 7,348     | 160,201      |
| Codina, Mexican.....      | .....   | .....     | .....     | .....     | .....      | .....     | 926       | .....     | .....     | .....     | .....     | .....     | 926          |
| Grouper.....              | .....   | .....     | .....     | 728       | .....      | .....     | 774       | .....     | .....     | .....     | .....     | .....     | 1,644        |
| Hallibut, California..... | .....   | 10,701    | 3,756     | .....     | 17,175     | 18,532    | 18,530    | 22,859    | 28,035    | 42,338    | 24,239    | 233       | 183,814      |
| Mackerel, Spanish.....    | 100     | .....     | .....     | .....     | .....      | 343       | 340       | .....     | .....     | 2,371     | 3,907     | 600       | 7,861        |
| Mullet.....               | .....   | .....     | .....     | .....     | .....      | 2,032     | .....     | .....     | .....     | .....     | .....     | .....     | 2,032        |
| Perch.....                | .....   | 150       | .....     | .....     | .....      | 1,826     | .....     | .....     | .....     | .....     | .....     | .....     | 1,826        |
| Rock Bass.....            | 1,548   | .....     | 732       | 280       | 343        | .....     | 1,490     | .....     | .....     | 1,778     | 115       | .....     | 6,495        |
| Rockfish.....             | .....   | .....     | 220       | .....     | 1,275      | .....     | .....     | .....     | .....     | .....     | .....     | .....     | 1,275        |
| Sea-bass, Black.....      | 31,295  | 3,927     | 23,154    | 43,055    | 33,560     | 5,449     | 18,745    | 10,538    | 22,213    | 22,831    | 5,595     | 1,619     | 228,441      |
| Sea-bass, White.....      | .....   | .....     | .....     | .....     | 220        | 1,346     | .....     | 5,420     | 10,725    | 83,768    | 12,572    | .....     | 115,395      |
| Shark.....                | .....   | .....     | 65        | 140       | .....      | .....     | .....     | .....     | .....     | 70        | .....     | .....     | 281          |
| Sheepshead.....           | 105     | .....     | 617       | 435       | 173        | .....     | .....     | .....     | .....     | .....     | .....     | .....     | 1,328        |
| Sole.....                 | .....   | .....     | 297       | 415       | 1,011      | .....     | .....     | .....     | .....     | .....     | .....     | .....     | 1,723        |
| Swiftfish, Brazilian..... | .....   | .....     | .....     | .....     | .....      | .....     | .....     | 5,595     | .....     | .....     | .....     | .....     | 5,595        |
| Tuna, Albacore.....       | .....   | .....     | .....     | .....     | .....      | 42,034    | 229,837   | 688,275   | 51,951    | 65,198    | 45,744    | .....     | 1,120,059    |
| Tuna, Bluefin.....        | .....   | .....     | 194,396   | 252,384   | 769,860    | 855,977   | 1,842,144 | 207,479   | 53,882    | 193       | .....     | .....     | 3,588,425    |
| Tuna, Bonito.....         | 8,300   | 43,875    | 275       | 123       | .....      | 180       | 2,468     | 2,941     | 69,225    | 3,432     | 40,161    | .....     | 194,373      |
| Tuna, Skipjack.....       | 8,477   | 232,397   | 108,293   | 2,798,825 | 1,083,102  | 637,840   | 550,701   | 1,071,352 | 941,772   | 307,958   | 202,429   | .....     | 8,356,921    |
| Tuna, Yellowfin.....      | 58,867  | 1,140,071 | 1,460,078 | 3,033,450 | 7,429,727  | 1,783,132 | 2,265,067 | 1,364,852 | 1,465,071 | 1,133,215 | 322,222   | .....     | 22,156,139   |
| Whitefish, Ocean.....     | 1,042   | .....     | 908       | 1,048     | 726        | .....     | .....     | .....     | 10        | .....     | 207       | .....     | 3,941        |
| Yellowtail.....           | 2,279   | 60,117    | 13,568    | 107,118   | 112,190    | 304,092   | 632,242   | 2,236     | 600,771   | 50,412    | 85,721    | .....     | 1,943,922    |
| Miscellaneous Fish.....   | 476     | .....     | .....     | 170       | 100        | .....     | .....     | .....     | .....     | .....     | .....     | .....     | 746          |
| Crustacean:               | .....   | .....     | .....     | .....     | .....      | .....     | .....     | .....     | .....     | .....     | .....     | .....     | .....        |
| Lobster, Spiny.....       | 2,707   | 628       | 3,137     | .....     | .....      | .....     | .....     | .....     | .....     | .....     | .....     | .....     | 6,472        |
| Mollusk:                  | .....   | .....     | .....     | .....     | .....      | .....     | .....     | .....     | .....     | .....     | .....     | .....     | .....        |
| Clam, Pismo.....          | 585,064 | 745,520   | 630,728   | 1,270,176 | 653,632    | 1,140,088 | 1,307,600 | 1,266,760 | 281,284   | 704,144   | 1,172,112 | 1,862,854 | 11,719,792   |
| Total pounds.....         | 778,831 | 2,311,085 | 2,540,385 | 6,568,627 | 10,144,768 | 4,783,107 | 6,501,671 | 4,879,021 | 4,329,382 | 2,730,372 | 2,942,570 | 3,228,028 | 51,047,245   |

DIVISION OF FISH AND GAME

TABLE 46 [continued]

TABLE 46—Continued  
Shipments to Canneries from Waters North of the State Boundary

| Species             | January | February | March | April | May | June | July | August | September | October | November | December | Total pounds |
|---------------------|---------|----------|-------|-------|-----|------|------|--------|-----------|---------|----------|----------|--------------|
| Tuna, Albacore..... |         |          |       |       |     |      |      | 73,346 | 947,120   | 34,938  | 35,719   |          | 1,091,123    |
| Total pounds.....   |         |          |       |       |     |      |      | 73,346 | 947,120   | 34,938  | 35,719   |          | 1,091,123    |

Shipments to Canneries from Waters South of the International Boundary

| Species                                  | January    | February   | March     | April     | May        | June       | July       | August     | September  | October     | November   | December    | Total pounds |
|--|------------|------------|-----------|-----------|------------|------------|------------|------------|------------|-------------|------------|-------------|--------------|
| Tuna, Skipjack.....                      |            |            |           |           |            |            | 72,859     |            |            |             |            |             | 72,859       |
| Tuna, Yellowfin.....                     |            |            |           |           |            |            | 899,862    |            |            |             |            |             | 899,862      |
| Total pounds.....                        |            |            |           |           |            |            | 972,721    |            |            |             |            |             | 972,721      |
| Grand totals,<br>Los Angeles Region..... | 62,014,255 | 17,348,143 | 4,055,983 | 8,005,356 | 15,524,045 | 10,042,032 | 11,920,987 | 10,639,463 | 36,630,083 | 178,374,524 | 76,186,893 | 103,654,988 | 333,597,774  |

TABLE 46 [continued]

TABLE 47  
COMMERCIAL FISH LANDINGS IN THE SAN DIEGO REGION DURING 1944  
Fishing Boat Landings from California Waters

| Species                   | January   | February | March   | April   | May     | June    | July      | August    | September | October | November | December  | Total pounds |
|---------------------------|-----------|----------|---------|---------|---------|---------|-----------|-----------|-----------|---------|----------|-----------|--------------|
| Anchovy.....              |           |          |         |         |         |         |           | 2,793     |           |         |          |           | 2,793        |
| Barnacled.....            | 20,130    | 4,226    | 33,307  | 10,534  | 104,626 | 118,292 | 39,441    | 32,708    | 28        |         | 17,690   | 18,115    | 445,239      |
| Cutthroat Pacific.....    |           |          | 57      |         | 318     | 186     |           |           |           |         |          |           | 661          |
| Halter, California.....   | 12,092    | 9,671    | 18,716  | 9,143   | 10,659  | 1,033   | 1,769     |           | 128       | 478     |          |           | 64,139       |
| Kingfish.....             | 18        |          | 490     | 35      | 148     | 18      |           |           |           |         |          |           | 700          |
| Mackerel, Pacific.....    | 4,902     | 4,566    | 2,410   |         | 26,206  | 18,985  | 3,033     | 11,320    | 10,532    | 16,998  | 8,159    | 10,998    | 114,585      |
| Mullet.....               | 24,560    | 2,965    | 22,128  | 9,647   | 16,473  | 3,960   | 333       |           |           | 4,920   | 2,750    |           | 87,804       |
| Rock Bass.....            | 3,172     | 1,357    | 924     | 594     | 1,854   | 3,969   | 4,640     | 7,249     |           | 208     | 63       |           | 25,283       |
| Rockfish.....             | 4,245     | 2,653    | 1,957   | 981     | 910     | 400     |           |           |           |         |          |           | 10,308       |
| Sardine.....              | 1,536,307 | 18,320   |         |         |         |         |           | 887       |           |         | 305      |           | 3,597,219    |
| Sculpin.....              |           | 91       | 828     | 329     | 905     | 765     |           |           |           |         |          |           | 2,915        |
| Ses-bam Black.....        | 714       | 41       | 1,352   |         | 281     | 3,857   | 450       | 296       | 25        |         |          | 28        | 6,654        |
| Ses-bam White.....        | 74        | 15       | 61      | 1,532   | 1,057   | 322     | 1,890     | 1,445     |           |         |          |           | 6,550        |
| Shark.....                | 6,788     | 2,147    | 7,733   | 12,010  | 32,999  | 28,443  | 57,888    | 3,874     | 1,863     | 827     | 1,333    | 11,830    | 166,993      |
| Sheepshead.....           | 1,280     | 88       | 1,063   | 653     | 350     | 45      | 75        |           |           | 777     | 2,398    |           | 7,442        |
| Swordfish, Broadbill..... |           |          |         |         | 25      | 406     | 5,814     | 2,439     | 5,085     | 732     |          |           | 13,570       |
| Tuna, Albacore.....       |           |          |         |         | 54,248  | 806     | 2,449,292 | 997,333   | 873,444   | 415,015 | 51,790   | 6,321     | 4,694,231    |
| Tuna, Bluefin.....        |           |          |         |         | 2,110   | 7,306   | 32        | 77        | 16,433    |         |          |           | 945,039      |
| Tuna, Bonito.....         | 11,430    | 21       | 1,310   | 1,321   |         |         | 1,046     | 38,258    | 10        | 183     | 63,897   |           | 48,890       |
| Tuna, Skipjack.....       | 480       |          |         | 39,039  |         |         |           |           |           | 1,310   | 1,638    | 48        | 43,824       |
| Tuna, Yellowfin.....      |           |          |         | 45,037  |         |         | 84        | 146       | 20        |         |          |           | 45,287       |
| Wharfia, Ocean.....       | 3,441     | 860      | 3,714   | 475     | 50      | 807     |           |           |           |         |          |           | 15,515       |
| Yellowtail.....           | 20,485    | 85       | 29      | 71      |         | 402     | 580       | 897       |           |         | 1,171    |           | 23,730       |
| Miscellaneous Fish.....   | 4         | 38       | 20      | 20      | 260     | 131     | 75        | 61        | 15        |         |          | 11        | 643          |
| Crustaceans:              |           |          |         |         |         |         |           |           |           |         |          |           |              |
| Lobster, Spiny.....       | 28,451    | 14,471   | 7,294   |         |         |         |           |           |           | 67,558  | 40,138   | 40,859    | 198,771      |
| Mollusk:                  |           |          |         |         |         |         |           |           |           |         |          |           |              |
| Squid.....                |           |          |         |         |         |         |           |           |           |         |          |           | 2,920        |
| Total pounds.....         | 1,687,402 | 62,632   | 101,437 | 130,593 | 282,029 | 761,110 | 2,564,074 | 1,090,655 | 611,231   | 606,294 | 935,677  | 1,435,419 | 10,171,223   |

DIVISION OF FISH AND GAME

TABLE 47  
COMMERCIAL FISH LANDINGS IN THE SAN DIEGO REGION DURING 1944  
Fishing Boat Landings from California Waters

TABLE 47—Continued  
Fishing Boat Landings from Waters South of the International Boundary

| Species                   | January   | February  | March     | April     | May       | June      | July      | August     | September | October    | November  | December  | Total<br>pounds |
|---------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|-----------|------------|-----------|-----------|-----------------|
| Barracuda.....            | 11,354    | 15,100    | 129,109   | 39,394    | 15,989    | 1,287     | 592       | 11,025     | 21,545    | 10,482     | 6,517     | 14,245    | 297,841         |
| Cabrilla.....             | 5,358     | 11,473    | 10,255    | 2,983     | 2,277     |           | 1,495     |            |           |            |           | 11,217    | 48,798          |
| Corbina, Mexican.....     |           |           |           | 800       |           |           |           |            |           |            |           |           | 800             |
| Culms, Pacific.....       |           |           |           |           |           |           |           |            |           |            |           |           | 87              |
| Groupers.....             | 2,632     | 6,148     | 57,747    | 15,777    | 2,439     |           | 6,098     |            | 90        |            |           |           | 83,079          |
| Hallibut, California..... | 7,444     | 39,592    | 17,916    | 7,431     | 111       | 22,926    | 31,529    | 22,887     | 104       | 14,469     | 6,856     |           | 215,816         |
| Kingfish.....             |           |           |           | 381       |           |           | 77        |            |           | 19         |           |           | 477             |
| Mackerel, Pacific.....    |           |           |           |           | 875       | 177       |           |            | 144       |            |           |           | 1,194           |
| Mackerel, Spanish.....    | 2,167     | 2,995     |           |           | 329       | 86        |           |            |           |            |           |           | 3,577           |
| Rock Bass.....            | 1,379     | 7,085     | 3,441     |           | 6,414     | 5,008     | 5,809     |            | 75        | 152        | 294       |           | 23,335          |
| Rockfish.....             |           |           |           | 10,469    |           |           |           |            |           |            |           |           | 10,469          |
| Sardines.....             |           |           |           | 550       |           |           |           |            | 215       |            |           |           | 765             |
| Semipinn.....             |           |           |           | 1,198     | 838       | 488       | 850       |            | 625       |            |           |           | 3,179           |
| Sea-bass, Black.....      | 12,009    | 20,908    | 16,580    | 18,110    | 29,072    | 27,098    | 19,959    | 6,665      | 1,664     | 115        | 2,047     |           | 233,333         |
| Sea-bass, White.....      | 957       | 997       | 351       | 947       | 5,915     | 44        | 83        | 3,332      | 259       | 1,510      |           |           | 11,532          |
| Shark.....                | 80        |           | 455       | 2,567     | 1,931     | 6,030     | 559       |            |           |            |           |           | 11,745          |
| Sheepshead.....           | 1,110     | 2,301     | 1,626     | 1,688     | 923       | 1,290     | 200       |            |           |            |           |           | 10,322          |
| Smelt.....                | 198       |           |           |           |           |           |           |            |           |            |           |           | 198             |
| Swordfish, Broadbill..... |           |           |           |           |           |           | 4,356     | 31,851     | 67,855    | 125,359    | 60,027    |           | 646,428         |
| Tuna, Albacore.....       | 212       |           |           |           |           |           | 163,852   | 1,452,393  | 3,702,299 | 1,879,189  | 1,017,453 |           | 8,654,000       |
| Tuna, Bluefin.....        | 1,963     |           |           |           | 18,710    | 399,509   |           | 464        | 83        | 32         |           |           | 421,541         |
| Tuna, Bonito.....         | 3,809     | 26,559    | 14,484    | 121       | 6,291     | 2,797     | 2,331     | 4,173      | 6,039     | 33,294     |           |           | 161,883         |
| Tuna, Skipjack.....       | 638,898   | 1,344,584 | 865,277   | 1,394,101 | 839,265   | 797,227   | 1,655,241 | 3,619,105  | 2,475,090 | 2,818,910  | 2,237,350 |           | 21,654,789      |
| Tuna, Yellowfin.....      | 1,263,118 | 3,084,402 | 3,895,928 | 1,916,504 | 3,375,526 | 1,638,562 | 4,377,226 | 6,850,048  | 2,485,530 | 4,658,539  | 2,025,419 |           | 47,701,011      |
| Whitefish, Ocean.....     | 1,897     | 21,919    | 14,502    | 9,527     | 11,939    | 4,881     | 2,027     | 109        |           |            |           |           | 67,289          |
| Yellowtail.....           | 67,494    | 69,797    | 24,955    | 12,564    | 82,789    | 151,931   | 87,186    | 22,219     | 69,836    | 64,545     | 116,615   |           | 998,399         |
| Miscellaneous Fish.....   |           |           |           | 11        |           |           |           |            |           |            |           |           | 11              |
| Crustacean:               |           |           |           |           |           |           |           |            |           |            |           |           |                 |
| Lobster, Spiny.....       | 116,101   | 55,596    | 88,787    | 15,135    |           |           |           |            |           | 6,556      | 7,465     | 80,301    | 400,991         |
| Total pounds.....         | 2,941,021 | 4,735,371 | 4,835,817 | 3,290,682 | 4,405,082 | 3,068,736 | 6,291,229 | 12,029,603 | 8,826,656 | 10,606,700 | 5,540,836 | 7,897,665 | 73,699,396      |

COMMERCIAL FISH CATCH OF CALIFORNIA

TABLE 47 [continued]

TABLE 47—Continued  
Shipments from Waters North of the State Boundary

| Species                                | January   | February  | March     | April     | May       | June      | July      | August     | September | October    | November  | December  | Total pounds |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|-----------|------------|-----------|-----------|--------------|
| Tuna, Albacore.....                    | .....     | .....     | .....     | .....     | .....     | .....     | .....     | .....      | 111,440   | 931,624    | 401,360   | .....     | 1,444,424    |
| Total pounds.....                      | .....     | .....     | .....     | .....     | .....     | .....     | .....     | .....      | 111,440   | 931,624    | 401,360   | .....     | 1,444,424    |
| Grand totals,<br>San Diego Region..... | 3,928,483 | 4,797,403 | 4,937,254 | 3,391,275 | 4,687,111 | 3,819,840 | 8,825,300 | 13,120,268 | 9,540,427 | 12,047,718 | 6,877,873 | 9,333,084 | 85,315,945   |

TABLE 47 [continued]

## 9. COMMON AND SCIENTIFIC NAMES OF FISHES, CRUSTACEANS AND MOLLUSKS

| <i>Common name</i>            | <i>Scientific name</i>                             |
|-------------------------------|--|
| Anchovy                       | Anchoviella compressa<br>Anchoviella delicatissima |
| Barracuda                     | Engraulis mordax                                   |
| Cabezone                      | Sphyræna argentea                                  |
| Cabrilla                      | Scorpaenichthys marmoratus                         |
| Carp                          | Epinephelus analogus                               |
| Catfish                       | Various species of Mycteroperca<br>Cyprinus carpio |
| Corbina, Mexican              | Ameiurus catus                                     |
| Cultus, Pacific               | Ameiurus nebulosus                                 |
| Eel                           | Cynoscion sp.<br>Ophiodon elongatus                |
| Flounder, Starry              | Cebidichthys violaceus                             |
| Flying Fish                   | Xiphister mucosus                                  |
| Grouper                       | Other stichæids and blenniids                      |
| Hake                          | Gymnothorax mordax                                 |
| Halibut, California           | Platichthys stellatus                              |
| Halibut, Northern             | Cypselurus californicus                            |
| Hardhead                      | Various species of Mycteroperca                    |
| Herring, Pacific              | Merluccius productus                               |
| Kingfish                      | Paralichthys californicus                          |
| Small percentage of Queenfish | Hippoglossus stenolepis                            |
| Mackerel, Horse               | Orthodon microlepidotus                            |
| Mackerel, Pacific             | Mylopharodon conocephalus                          |
| Mackerel, Spanish             | Clupea pallasii                                    |
| Mullet                        | Genyonemus lineatus                                |
| Perch                         | Seriphus politus                                   |
| Halfmoon                      | Trachurus symmetricus                              |
| Opal-eye                      | Pneumatophorus diego                               |
| Salt-water                    | Scomberomorus sierra                               |
| Sargo                         | Mugil cephalus                                     |
| Pike                          | Medialuna californiensis                           |
|                               | Girella nigricans                                  |
|                               | Various members of the Embiotocidae                |
|                               | Anisotremus davidsoni                              |
|                               | Ptychocheilus grandis                              |



|                        |  |
|------------------------|--|
| Pompano,<br>California | <i>Palometa simillima</i>  |
| Rock Bass              | <i>Paralabrax clathratus</i><br><i>Paralabrax nebulifer</i>  |
| Rockfish               | All species of <i>Sebastes</i> and <i>Sebastes</i> found in California waters  |
| Sablefish              | <i>Anoplopoma fimbria</i>  |
| Salmon                 | <i>Oncorhynchus tshawytscha</i><br><i>Oncorhynchus kisutch</i>   |
| Sand Dab               | <i>Citharichthys stigmaeus</i><br><i>Citharichthys sordidus</i>  |
| Sardine                | <i>Sardinops caerulea</i>  |
| Sculpin                | <i>Scorpaena guttata</i>   |
| Sea-bass,<br>Black     | <i>Stereolepis gigas</i>   |
| Sea-bass,<br>White     | <i>Cynoscion nobilis</i>   |
| Shad                   | <i>Alosa sapidissima</i>   |
| Shark                  | <i>Alopias vulpes</i><br><i>Galeorhinus zyopterus</i><br><i>Mustelus californicus</i><br><i>Notorynchus maculatus</i><br><i>Prionace glauca</i><br><i>Rhinotriakis henlei</i><br><i>Squalus suckleyi</i><br><i>Triakis semifasciata</i><br>Small percentage of other species |
| Sheepshead             | <i>Pimelometopon pulcher</i>   |
| Skate                  | <i>Raja binoculata</i><br><i>Raja inornata</i><br><i>Raja rhina</i><br>And other species   |
| Smelt                  | <i>Atherinops affinis</i><br><i>Atherinopsis californiensis</i><br><i>Leuresthes tenuis</i><br><i>Hypomesus pretiosus</i><br>Small percentage of other <i>Osmeridae</i>  |
| Sole                   | <i>Eopsetta jordani</i><br><i>Glyptocephalus zachirus</i><br><i>Parophrys vetula</i><br>Several other pleuronectids  |
| Split-tail             | <i>Pogonichthys macrolepidotus</i>   |
| Sucker                 | <i>Catostomus occidentalis</i>   |

|                      |   |
|----------------------|---|
| Swordfish, Broadbill | <i>Xiphias gladius</i>                                |
| Tomcod               | <i>Microgadus proximus</i>                            |
| Tuna                 |   |
| Albacore             | <i>Germo alalunga</i>                                 |
| Bluefin              | <i>Thunnus thynnus</i>                                |
| Bonito               | <i>Sarda lineolata</i>                                |
| Skipjack             | <i>Katsuwonus pelamis</i>                             |
| Yellowfin            | <i>Neothunnus macropterus</i>                         |
| Turbot               | <i>Hypsopsetta guttulata</i>                          |
|                      | <i>Pleuronichthys decurrens</i>                       |
|                      | <i>Pleuronichthys verticalis</i>                      |
|                      | Possibly a small percentage of other pleuronectids    |
| Whitebait            | <i>Allosmerus attenuatus</i>                          |
|                      | <i>Spirinchus starksi</i>                             |
|                      | Young of several species of fishes                    |
| Whitefish, Ocean     | <i>Caulolatilus princeps</i>                          |
| Yellowtail           | <i>Seriola dorsalis</i>                               |
| Crab                 | <i>Cancer magister</i>                                |
| Crab, Rock           | <i>Cancer antennarius</i>                             |
|                      | <i>Cancer anthonyi</i>                                |
|                      | <i>Cancer productus</i>                               |
| Lobster, Spiny       | <i>Panulirus interruptus</i>                          |
| Shrimp               | <i>Crago franciscorum</i> and <i>Crago nigricauda</i> |
| Abalone              | <i>Haliotis fulgens</i>                               |
|                      | <i>Haliotis rufescens</i>                             |
| Clam, Cockle         | <i>Paphia staminea</i>                                |
|                      | Species of <i>Chione</i>                              |
| Clam, Gaper          | <i>Schizothaerus nuttallii</i>                        |
| Clam, Pismo          | <i>Tivela stultorum</i>                               |
| Clam, Soft-shell     | <i>Mya arenaria</i>                                   |
| Clam, Washington     | <i>Saxidomus nuttalli</i>                             |
| Octopus              | <i>Polypus hongkongensis</i>                          |
|                      | <i>Polypus bimaculatus</i>                            |
| Oyster, Eastern      | <i>Ostrea virginica</i>                               |
| Oyster, Japanese     | <i>Ostrea gigas</i>                                   |
| Oyster, Native       | <i>Ostrea lurida</i>                                  |
| Squid                | <i>Loligo opalescens</i>                              |
|                      | Small percentage of other species                     |