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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

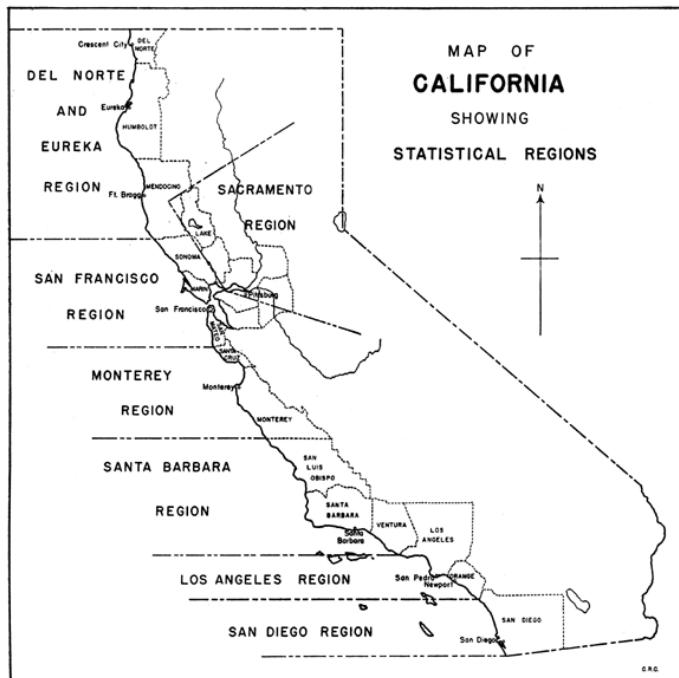


FIGURE 1

(4)

FIGURE 1

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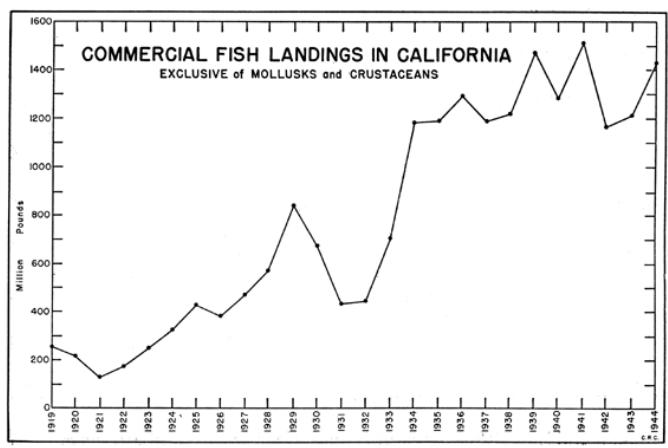


FIGURE 2

(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.

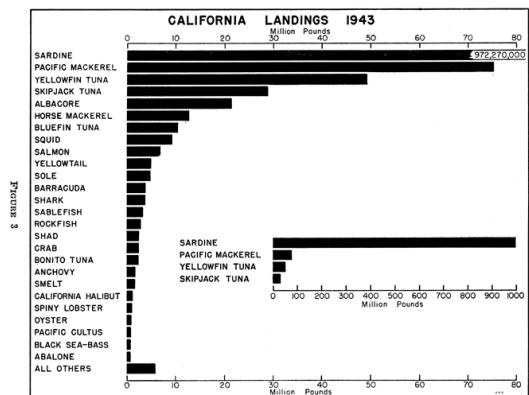


FIGURE 3

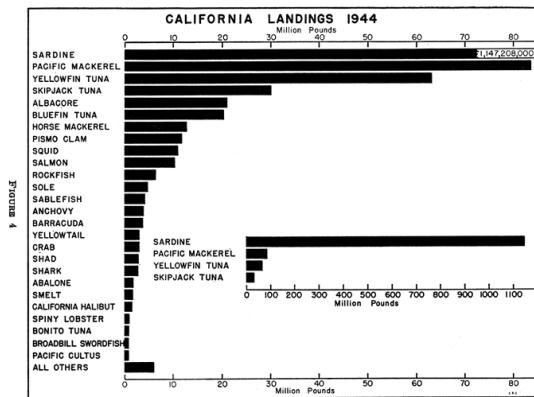


FIGURE 4

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.

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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
Anchoovy.....	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:

	Pounds	Change	Value	Increase
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 $\frac{1}{2}$ 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.

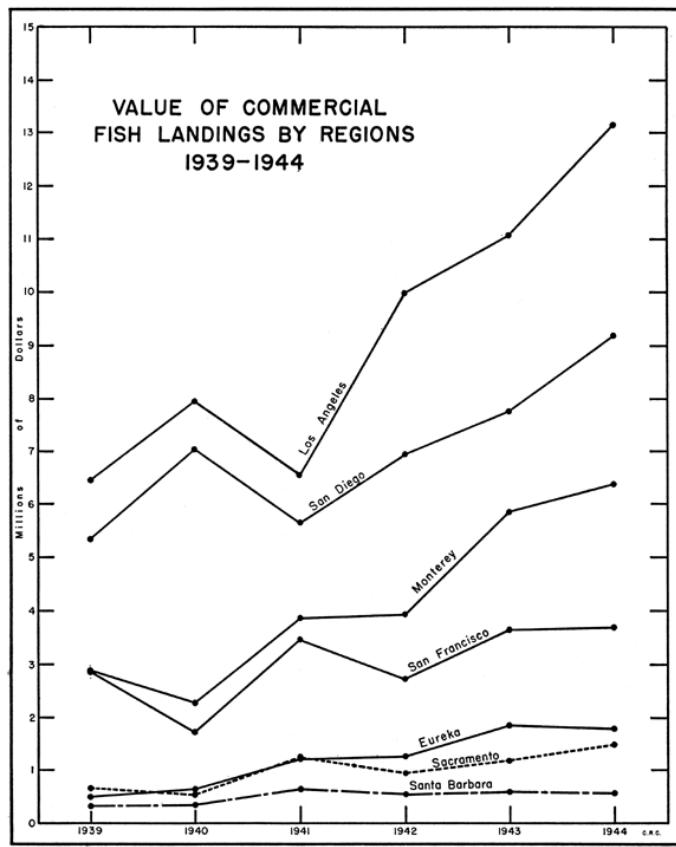


FIGURE 5

FIGURE 5

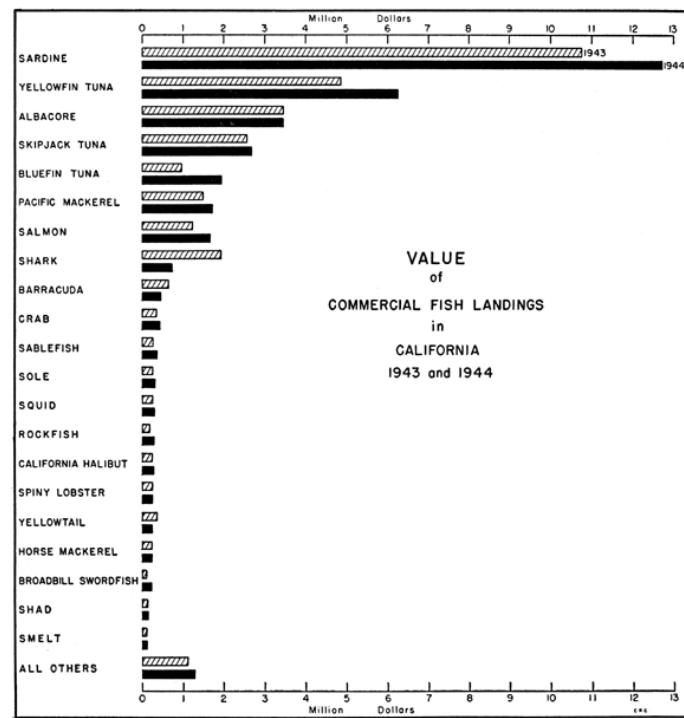


FIGURE 6

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

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 8
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
		Baracuda..... 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
		Cabril...a.....	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
		Cabril...a.....	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.....		7,800
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

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 Squid..... 297,000 Salmon..... 50,700 Albacore..... 35,600 Sablefish..... 33,800 Pacific Mackerel..... 17,100 Kingfish..... 11,100 Shark..... 11,000 Rockfish..... 10,100 Smelt..... 8,600 All other..... 31,200
Moss Landing.....	\$700,200	Sardine..... 694,200 Crab..... 3,200 All other..... 2,800
Santa Cruz.....	\$267,400	Sablefish..... 142,600 Salmon..... 39,700 Shark..... 21,300 Rockfish..... 19,200 Crab..... 14,600 Sole..... 10,800 Kingfish..... 5,500 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 Baracuda----- 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

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.....400,300
		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

	Number of fishermen
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

	Number of fishermen
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	
Total licensed commercial fishermen, license year April 1, 1943, through March 31, 1944.....	11,804	

TABLE 21
CITIZENSHIP
1943-1944 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	
Total licensed commercial fishermen, license year April 1, 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	
	Finland-----	32	
	Denmark-----	13	
	Norway-----	13	
	Sweden-----	13	
	All others-----	39	315
Sacramento-----	United States-----	277	
	Italy-----	119	
	Greece-----	22	
	All others-----	24	442
San Francisco-----	United States-----	732	
	Italy-----	381	
	Norway-----	81	
	Jugoslavia-----	32	
	Great Britain-----	27	
	Sweden-----	24	
	All others-----	70	1,347
Monterey-----	United States-----	477	
	Italy-----	374	
	Spain-----	37	
	Portugal-----	18	
	All others-----	62	968
Santa Barbara-----	United States-----	227	
	Italy-----	11	
	All others-----	38	276
Los Angeles-----	United States-----	4,955	
	Jugoslavia-----	819	
	Italy-----	235	
	Great Britain-----	170	
	Norway-----	59	
	Russia-----	45	
	All others-----	254	6,537
San Diego-----	United States-----	894	
	Portugal-----	280	
	Italy-----	245	
	Mexico-----	31	
	All others-----	102	1,552
Alaska, Washington and Oregon fishermen licensed in California-----	Norway-----	181	
	United States-----	113	
	Jugoslavia-----	32	
	All others-----	28	354
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	
	Finland-----	30	
	Denmark-----	17	
	Sweden-----	16	
	Norway-----	14	
	All others-----	36	365
Sacramento-----	United States-----	329	
	Italy-----	125	
	Greece-----	19	
	All others-----	28	501
San Francisco-----	United States-----	824	
	Italy-----	390	
	Norway-----	82	
	Jugoslavia-----	37	
	Sweden-----	26	
	Great Britain-----	24	
	All others-----	86	1,469
Monterey-----	United States-----	507	
	Italy-----	375	
	Spain-----	43	
	Portugal-----	15	
	All others-----	67	1,007
Santa Barbara-----	United States-----	293	
	Italy-----	14	
	All others-----	40	347
Los Angeles-----	United States-----	3,503	
	Jugoslavia-----	788	
	Italy-----	228	
	Great Britain-----	131	
	Norway-----	55	
	Austria-----	33	
	Russia-----	33	
	Finland-----	27	
	Sweden-----	27	
	All others-----	153	4,978
San Diego-----	United States-----	963	
	Portugal-----	279	
	Italy-----	259	
	Great Britain-----	29	
	Mexico-----	28	
	Sweden-----	23	
	All others-----	67	1,648
Alaska, Washington and Oregon fishermen licensed in California-----	Norway-----	279	
	United States-----	165	
	Jugoslavia-----	45	
	All others-----	33	522
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.

<i>Season</i>	<i>Under 40 feet</i>	<i>40 feet and over</i>	<i>Total</i>
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	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	-----	-----	233
San Francisco.....	68	471	92	22	2	655
Monterey.....	98	203	21	56	1	379
Santa Barbara.....	38	63	26	-----	-----	127
Los Angeles.....	264	815	266	107	15	1,467
San Diego.....	80	212	89	37	37	455
Alaska, Washington and Oregon.....	6	40	55	5	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		233,886	7,519
Cabrilla				233,886
Carp	17,241			17,241
Catfish	209,485			209,485
Codfish, Mexican			5,106	5,106
Culture, Pacific	718,703	425	199	719,318
Flounder, Starry	504,391	1,008		505,399
Flying Fish	2,271			2,271
Groups			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	396,606		27	396,633
Mackerel, Horse	12,698,931			12,698,931
Mackerel, Pacific	75,249,954		13,928	75,263,882
Mackerel, Spanish			18,652	18,652
Mullet	66,063		7,718	73,281
Perch	112,822		213	113,035
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	3,203,905		1,469	3,205,374
Salmon	6,580,934			6,580,934
Sand Dab	504,329	1,009		505,338
Sardine	972,269,390		525	972,269,915
Sculpin	35,983		6,567	42,550
Seabass, Black	19,271		681,584	700,855
Seabass, White	5,168		121,005	500,163
Shad	2,346,047			2,348,047
Shark	3,680,481	36,319	12,534	3,729,334
Sheepshead	124,688		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	317,928		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	17,420		28,875,580	28,893,544
Tuna, Yellowfin	2,958		49,259,270	49,259,328
Turbot	35,047			38,047
Whitebait	141,367			141,367
Whitefish, Ocean	42,015		55,419	97,434
Yellowtail	33,346		4,901,520	4,934,866
Miscellaneous Fish	155,698		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:				
Aholone	680,274		170	680,444
Clam, Gaper	120			120
Clam, Pismo	45,570		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	1,229,806,928

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		DIVISION OF FISH AND GAME
	Pounds	Value	Pounds	Value	Pounds	Value	Pounds	Value	
Anchovy.....					76,793	\$2,553	105,432	\$3,460	
Barnacles.....					140	6	7,579	194	
Cabroneta.....					140				
Cod.....					506	41			
Carp.....	15,735	\$601							
Cuttle.....	209,450	46,928							
Corvina, Mexican.....					41				
Cuttle, Pacific.....									
Flying Fish.....									
Grouper.....									
Hake.....	6,427	828			3,057	57	1,015	11	
Halibut, California.....					10,890	1,012	15,511	3,106	
Halibut, Northern.....	270,570	55,116			1,070	188			
Hardhead.....			2,796	512					
Herring, Pacific.....	125,584	3,068			493	13,500	1,190	128	
Kingfish.....					4,830	351	203,200	14,223	
Mackerel, Horse.....			155,500	*16					
Mackerel, Spanish.....			231,500	23	151,161	2,501	4,490,000	84,100	
Mullet.....									
Petrale, Rock.....	24,567	1,880			26,684	6,018	15,871	4,823	
Pike.....			273	20	196	162	396	271	
Pompano, California.....									
Rock Bass.....									
Rockfish.....	1,375,468	62,534			302,781	17,020	684,754	55,087	
Sablefish.....			10,440	100	53	3,133	1,000	55,400	
Salmon.....	2,162,368	416,760	1,295,424	200,140	2,021,206	369,907	1,101,034	238,817	
Sand Dab.....	280,205	18,140			145,362	10,154	75,022	7,469	
Sardine.....	462	44	73,045,540	506,501	171,000	1,827	430,000	4,867,073	
Scallop.....									
Seabass, Black.....									
Seabass, White.....	3,114	857			15,945	2,832	62,897	12,007	
Shad.....			2,347,902	114,033					
Sheepshead.....	1,070,846	250,415			1,004,882	216,485	326,135	65,440	
Shark.....									
Skate.....	13,602	2,127			53,113	327	11,777	2,351	
Smelt.....	68,531	5,911			999,619	63,352	262,011	16,950	
Sole.....	3,449,278	188,052			996,237	56,984	86,134	6,073	
Splitfin, Broadbill.....			10,925	614					

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

COMMERCIAL FISH CATCH OF CALIFORNIA

Tuna, Albacore.....	488,361	79,364		474,332	77,068	300,549	48,831
Tuna, Bluefin.....				45,152	4,102	112	18
Tuna, Skipjack.....							
Tuna, Yellowfin.....							
Turbot.....	6,401	380		13,195	884	705	45
Whitefish.....	137,889	10,859		3,487	494	-----	-----
Whiting, Ocean.....							
Yellowtail.....							
Miscellaneous Fish.....	49,150	2,263		26,174	1,458	2,229	73
Crustacea:							
Crab.....	229,053	27,940		2,021,558	315,468	64,724	9,849
Lobster, Spiny.....				235,215	9,555	43	12
Shrimp.....							
Mollusks:							
Alewife.....				5,891	707	100	12
Clam, Gaper.....				120	3	-----	-----
Clam, Pismo.....						1,760	188
Clam, Rock.....							
Clam, Washington.....	725	36		46,557	2,704	-----	-----
Oscogee.....	3,677	22					
Oyster, Eastern.....				4,982	346	9,883	1,150
Oyster, Japanese.....				79,878	7,453	-----	-----
Oyster, Pacific.....				30,454	1,150	-----	-----
Squid.....				39,090	474	-----	-----
Total pounds and value.....	12,465,008	\$1,829,970	77,015,080	\$1,175,375	180,963,255	\$3,619,202	458,159,474
							\$5,838,802

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

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		DIVISION OF FISH AND GAME
	Pounds	Value	Pounds	Value	Pounds	Value	Pounds	Value	
Ashley...			1,293,493	\$25,179	85	\$3	1,570,893	\$29,195	
Barnacles...	190,540	\$30,208	2,524,896	489,971	759,842	127,747	5,710,202	650,372	
Cabezone...			186,630	29,540	46,056	6,139	233,888	35,969	
Cabilla...							17,442	4,412	
Carp...							1,740	360	
Catfish...							505,399	24,091	
Codfish, Mexican...			5,675	855	50	15	1,120	155	
Codfish, Pacific...	1,857	176	1,273	120	1,221	130	719,318	65,010	
Flounder, Starry...	18,043	747	1,239	251					
Plaice...			2,271	125			1,100	185	
Grouper...			38,772	8,374	43,115	7,202	81,887	15,576	
Hake...							10,499	286	
Halibut, California...	302,283	87,781	503,100	115,543	239,680	62,635	1,121,970	236,970	
Halibut, Northern...							271,446	52,302	
Haddock...							1,122	32	
Herring, Pacific...	452	25	368	15			630,388	17,239	
Kingfish...			183,534	10,533	2,246	183	399,633	25,444	
Mackerel, Horse...			12,277	255	283	35	12,581	23,875	
Mackerel, Pacific...	92,780	3,066	69,698,805	1,384,247	659,516	18,410	75,033,882	1,492,654	
Mackerel, Spanish...				6,948	774	1,09	18,281	3,455	
Mullet...							7,712	1,512	
Perch...	20,244	1,199	25,621	3,491			113,035	11,511	
Pike...							277	20	
Pompano, California...			4,549	1,883	25	8	5,168	1,804	
Rock Bass...	15,732	47	110,996	18,513	62,454	10,094	195,132	31,448	
Rockfish...	53,130	8,957	22,929	4,293	101,430	10,573	2,752,011	182,611	
Sabinefish...	3,409	305	34,147	3,331	1,469	15	3,203,374	267,656	
Salmon...							6,000,000	1,224,004	
Sand Dab...							568,338	36,601	
Sardine...			6,088	945					
Sardinella...	1,522	47	282,70,040	3,128,261	5,130	87,962	972,369,915	10,781,858	
Sealion...	1,280	16	29,773	2,278	11,488	4,478	2,200,855	447	
Sea-lion, Black...	1,832	256	437,792	105,565	261,231	51,496	700,855	157,298	
Sea-slug, White...			10,440	254,632	73,429	22,941	90,000	12,207	
Shad...							2,248,047	114,643	
Shark...	478,880	192,112	574,578	217,637	213,270	17,153	3,729,334	1,923,182	
Shrimps...	64,493	1,000	27,323	237	26,799	4,062	1,151,000	141,111	
Skate...	4,292	120	0,228	397			81,109	1,681	
Smelt...	10,107	763	226,319	21,527	1,366	115	1,566,273	106,048	
Soh...	252,547	1,179	15,025	1,550	40	8	4,782,379	986,393	

TABLE 29 [continued]

TABLE 29 [continued]

Splittail...						10,925	614
Swordfish, Headbill...	284,455	41,171	174,562	53,002	6,320	389,340	100,340
Tuna, Albacore...	284,673	41,564	7,696,538	1,244,599	12,150,309	1,070,781	21,334,864
Tuna, Bluefin...	275,599	26,085	8,681,401	853,885	875,298	83,480	3,477,417
Tuna, Bonita...	34,137	28,472	1,201,112	1,201,112	45,188	10,175,768	967,562
Tuna, Skipjack...	7,006,948	619,231	21,898,538	1,063,619	1,111,200
Tuna, Yellowfin...	19,059,273	1,387,517	30,202,055	2,998,023	2,582,850
Turbot...	17,745	708	49,261,228	4,389,546	4,389,546
Whitetail...	141,367	1,007	1,007
Whitetail, Ocean...	22,412	2,061	22,551	5,589	52,220	5,695	20,353
Yellowtail...	4,033,539	297,725	899,227	70,997	4,554,269
Miscellaneous Fish...	20,071	1,890	62,249	6,602	1,088	102	160,959
Total pounds and value...	4,037,382	\$891,462	420,950,433	\$11,062,165	75,315,274	\$7,746,354	1,229,505,926
							\$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.

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	32,159	94,535	156,457	197,333	105,510	65,308	309,800	382,068	111,322	3,159	1,570,903	
Barracuda.....	88,087	198,477	231,078	581,696	788,028	334,478	221,082	175,492	387,082	359,072	129,534	3,775,278		
Cabazonne.....	130	328	520	1,119	2,516	2,234	55	82	16,790	101	363	203	7,519	
Catfish.....	51,427	60,153	104,125	125,500	150,600	17,272	12,717	10,272	10,272	10,272	30,000	30,000	233,566	
Carp.....	367	4,109	3,154	2,990	1,583	230	627	405	1,431	1,546	599	17,241		
Catfish, Catfish.....	9,801	8,898	30,480	32,496	707	26,183	25,814	45,003	3,741	20,555		
Cetacean, Mammal.....	4,874	5,106		
Cultus, Pacific.....	30,766	45,501	105,677	50,513	58,185	70,651	39,617	51,662	45,616	39,688	75,993	45,100	719,318	
Finned Starry.....	19,424	25,363	15,940	41,184	59,083	60,000	44,200	44,200	44,200	44,200	50,000	50,000	500,000	
Flying Fish.....	1,186	685	400	2,271	
Grouper.....	16,056	1,651	4,807	153	445	222	1,001	8,101	31,079	10,455	8,116	8,116		
Hake.....	60	1,023	1,023	202	202	1,266	554	1,266	1,266	1,266	1,266	1,266	
Halibut, California.....	75,270	110,943	150,209	95,611	67,269	41,370	41,194	63,330	119,760	155,636	135,134	63,047	1,121,674	
Halibut, Northern.....	21	53,000	105,988	90,018	7,218	7,002	1,794	1,794	1,794	1,794	1,794	1,794	27,166	
Haddock.....	1,072	700	633	54	2,796	
Herring, Pacific.....	75,162	389,677	55,015	13	255	2,122	2,000	9,125	24,333	24,333	24,333	24,333		
Kingfish.....	19,120	20,371	49,237	38,235	38,235	38,235	38,235	38,235	38,235	38,235	38,235	38,235		
Mackerel, Horse.....	4,203,646	393,359	37,873	52,235	12,345	9,945	10,762	1,429,730	1,014,865	306,490	4,933,788	265,358	12,699,501	
Mackerel, Pacific.....	3,577,791	1,850,113	103,424	50,581	185,100	339,301	239,301	11,099,850	11,099,850	17,613,338	10,558,966	10,558,966	75,261,000	
Mackerel, Scomber.....	1,260	1,260	60	50,581	202	202	1,837	1,837	1,837	1,837	1,837	1,837	18,632	
Mullet.....	9,756	30,204	9,634	1,185	1,185	1,185	1,185	651	2,423	11,063	9,116	9,116	73,231	
Petrale.....	3,051	9,007	10,190	23,484	1,000	182	7,669	17,658	8,200	9,400	6,053	7,351	11,063	
Pike.....	5	121	1,458	520	310	494	618	6	14	15	315	8,116	273	
Pompano, California.....	87	1,438	1,438	1,438	1,438	1,438	1,438	1,438	1,438	1,438	1,438	1,438		
Pout.....	2,019	4,879	5,719	5,719	15,320	40,012	9,115	15,320	10,042	17,683	33,141	25,941	18,632	
Rockfish.....	200,244	252,155	161,029	255,478	291,945	258,313	166,598	287,722	197,756	278,836	157,150	2,762,102		
Sablefish.....	9,710	20,160	20,160	41,184	41,184	41,184	41,184	41,184	41,184	41,184	41,184	41,184		
Sabinefish.....	9,184	18,632	50,949	347,103	673,637	1,179,403	1,419,403	1,654,441	1,245,896	44,140	6,569	15,737	6,500,534	
Sand Dab.....	24,795	29,003	47,230	65,246	65,229	54,394	50,234	66,272	30,016	26,549	25,720	20,968	505,334	
Sardine.....	103,000	74,400	1,000	97,150	20,000	50,000	2,077	50,000	230,193	155,849	144,000	150,000	978,150	
Sculpin.....	1,828	2,570	3,233	5,081	10,532	2,267	1,501	891	10,039	3,778	3,599	3,293	42,560	
Sea-bass, Black.....	22,783	20,908	37,162	22,622	22,679	37,414	10,621	12,207	15,856	15,856	15,856	15,856	500,183	
Sea-bass, White.....	12,665	12,665	12,665	12,665	12,665	12,665	12,665	12,665	12,665	12,665	12,665	12,665		
Shad.....	77,892	806,788	1,450,911	12,496	12,496	12,496	12,496	12,496	12,496	12,496	12,496	12,496	2,348,047	
Shark.....	394,111	165,374	21,345	4,105	1,131	4,421	195	31	146,661	173,657	104,661	52,310	1,334	
Sheepshead.....	18,193	20,001	21,345	4,105	1,131	4,421	195	981	18,594	42,270	21,415	151,048		
Skate.....	2,230	14,130	6,067	6,279	10,983	5,393	3,547	1,333	8,802	8,137	5,741	1,109		
Sole.....	197,873	183,770	282,453	470,655	523,309	611,453	547,503	629,057	491,532	320,546	323,615	270,234	4,752,379	
Spotted.....	263	1,159	1,159	1,159	1,159	628	20,138	48,360	101,053	66,563	74,999	24,493	335,388	
Swordfish, Broadbill.....	122,958	390	1,159	1,159	1,159	1,159	443	5,047,002	11,287,494	3,625,930	904,698	5,527	122	21,348,914
Tuna, Albacore.....	191,358	191,358	23,600	68,294	157,297	45,741	189,399	611,341	345,368	309,799	120,994	59,705	365,164	
Tuna, Bonito.....	115,623	75,896	23,600	68,294	157,297	45,741	189,399	611,341	345,368	309,799	120,994	59,705	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	1,731,366	1,735,737	3,603,582	5,081,234	3,173,899	4,458,440	3,011,991	2,000,100	26,803,784
Tuna, Yellowfin.....	910,819	2,385,464	2,420,789	4,409,031	4,710,903	6,196,422	4,698,416	5,401,126	5,448,988	3,082,422	2,962,033	6,777,213	49,281,328
Turbot.....	1,007	374	1,353	1,361	7,737	5,406	4,118	1,928	2,221	1,239	31,947	1,239	31,947
Whitefish.....	2,831	25,134	20,707	24,000	19,450	12,360	12,450	2,146	2,146	1,477	14,772	1,477	14,772
Whitefish, Ocean.....	25,835	6,971	6,727	1,733	3,207	5,519	237	1,076	2,401	5,128	22,755	15,707	67,434
Yellowtail.....	33,426	42,225	42,254	41,108	1,847,196	1,847,196	604,946	93,832	28,128	145,288	93,110	4,804,595	4,804,595
Miscellaneous Fish.....	24,593	13,360	3,887	13,466	22,068	15,796	13,030	8,299	8,072	15,998	13,030	5,531	160,969
 Crustacean:													
Crab.....	191,756	259,540	268,240	164,186	214,784	171,778	105,496	46,382	44	3,888	545,702	303,552	2,315,318
Lobster, Spiny.....	191,756	180,431	180,431	180,431	180,431	180,431	180,431	180,431	180,431	180,431	180,431	180,431	180,431
Shrimp.....	21,700	38,573	27,345	16,454	23,591	28,446	28,471	19,460	14,718	5,598	17,308	11,043	263,538
 Mollusk:													
Ahalone.....	24,550	16,550	36,150	42,350	90,285	94,558	70,040	47,221	54,240	154,112	47,508	680,444	
Clam, Paper.....	22,532	56,992	65,572	58,166	49,423	62,926	94,500	66,299	67,807	16,954	45,211	1,864	611,634
Clam, Pismo.....	5,626	5,674	7,452	6,318	3,605	2,453	3,241	3,144	2,742	2,275	2,037	2,461	46,557
Clam, Soft-shell.....	554	554	554	554	554	554	554	554	554	554	554	554	554
Octopus.....	245	815	1,551	1,383	1,387	6,732	4,237	784	391	57	204	234	18,020
Oyster, Eastern.....	10,013	9,239	1,185	7,243	5,949	7,712	5,648	2,380	4,100	4,901	7,124	11,574	79,578
Oyster, Freshwater.....	70	252	64,101	80,717	71,641	41,214	46,024	45,203	44,077	11,933	50,214	74,010	240,505
Oyster, Native.....	185	185	20,370	9,950	33,471	33,379	33,379	33,379	33,379	33,379	33,379	33,379	30,448
Squid.....	50,223	19,655	9,969	538,971	3,379,185	3,334,273	36,100	35,900	120,175	171,403	1,266,070	206,475	9,164,381
Total, pounds.....	114,126,701	\$2,435,900	9,721,365	12,179,451	15,045,995	20,462,333	23,243,839	129,794,205	269,595,620	188,639,318	187,552,488	174,034,571	1,229,806,928

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 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.....	10,013	28,507	111,069	30,205	41,029	38,370	27,642	46,073	36,987	28,755	47,499	30,264	478,330
Flounders, Sandy.....	949	3,069	5,000	1,000	1,132	200	18,100	42,507	40,000	78,000	31,000	15,000	31,127
Hake.....	60	401	371	507	8,277	589	6,427
Haddock, Northern.....	771	835	52,958	105,299	89,185	7,218	7,002	3,592	1,734	1,122	295	269,811
Herring, Pacific.....	10,193	113,298	1,044	295	154,254
Perch.....	2,272	5,056	8,910	5,062	138	452	335	65	45	2,029	24,597
Rockfish.....	12,250	41,241	56,361	36,000	115,307	176,624	140,000	242,000	160,000	231,000	100,000	1,500	1,547
Sablefish.....	5,333	127,728	204,469	338,057	213,512	345,017	201,024	120,502	131,494	82,035	55,166	9,118	1,907,694
Salmon.....	1,154	28,508	248,606	316,161	1,069,526	451,883	44,140	44,140	44,140	44,140	44,140	4,386	279,380
Sail Fish.....	5,881	5,406	4,887	20,300	4,856	4,856	10,000	10,000	10,000	10,000	10,000	4,386	4,386
Sardine.....	462	462	462
Sealions, White.....	817	44	44	5,137
Sharks.....	43,177	26,205	4,693	600	454	941	4,523	7,379	19,874	32,262	44,094	403,260	1,061,537
Skate.....	450	6,001	1,618	130	2,715	858	377	697	1,170	3,120	662	16,699	16,699
Sole.....	145	5,022	3,621	2,621	2,621	2,621	1,621	8,500	8,500	8,500	8,500	157	64,531
Sole.....	64,574	41,468	91,762	295,338	388,737	513,291	502,345	610,837	318,141	264,902	205,610	125,037	3,429,538
Tuna, Alfonsore.....	113	104	3,480	11,955	17,741	34,825	31,715	321,817	485,361	485,361
Turbot.....	100	100	100	100	100	100	100	100	100	100	100	100	100
Whitebait.....	2,031	23,265	20,713	21,895	24,224	15,440	17,540	6,042	2,686	2,367	591	156	137,830
Miscellaneous Fish.....	8,954	910	723	3,450	11,090	5,414	7,566	4,700	3,583	1,104	84	1,602	49,150
Crustacean:	2,930	229,058
Crab.....	11,072	28,032	54,164	39,074	47,566	26,730	11,312	7,578
Mollusks:	728	728
Clam, Washington.....	384	384	182	418	480	1,068	519	237	99	66	18	3,404
Octopus.....	317	66	18
Total pounds.....	177,110	429,333	651,484	845,006	1,022,213	1,499,393	1,379,229	2,213,446	1,410,535	1,032,205	1,026,071	713,549	12,402,916

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
Flounder, Starry.....					102	96		810					1,008
Haddock, Northern.....					292	273							565
Rockfish.....					109	78		270					446
Sand Dab.....					13,407	3,343		909					1,009
Sole.....								5,670			30,203	6,116	36,319
Total pounds.....					13,932	3,864		7,740			30,402	6,154	62,062
Grand totals, Eureka Region.....	177,110	429,383	651,484	848,006	1,036,145	1,503,257	1,379,229	2,231,186	1,410,526	1,032,206	1,056,473	720,003	12,465,098

TABLE 31 [continued]

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	3,958	3,154	2,990	1,583	220		627	405	1,431	1,546	514	16,735
Catfish.....	9,501	8,808	30,848	32,466	757			20,153	23,812	45,603	37,237	209,435	
Hardhead.....	1,077		709							935		84	2,796
Mackerel, Horse.....													15,000
Mackerel, Pacific.....									155,500				231,500
Pike.....	6		121	66	14	3		6	7	15		35	273
Salmon.....	9,180	18,665	56,649	63,057	223,650	97,819		170,400	63,340	5,640	15,500	1,200	1,244
Shad.....	5,875,440	632,800	77,892	806,758	1,450,796	12,456		13,032,500	40,349,200	5,762,700	7,917,400	2,075,500	73,645,540
Split-tail.....	265	1,156	333	335	40			348	3,873	2,663	1,500	114	10,925
Grand totals, Sacramento Region.....	5,896,078	655,384	169,697	906,572	1,676,809	110,538		13,203,491	41,394,046	3,790,621	7,973,524	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	4	55	78,793
Cabzone			62			12							11
Carp		151											355
Cuttle, Pacific	8,171	9,790	35,333	12,508	10,945	22,290	9,528	4,248	8,148	5,077	13,913	7,251	151,410
Flounder, Starry	17,091	21,699	34,672	17,460	18,200	10,800	10,200	1,000	4,117	17,280	15,100	10,000	100,900
Hake				350		32	500		1,869	157		49	3,057
Halibut, California			851	1,465	1,076	46	1,133	1,493	1,317	258	378	238	643
Herring, Pacific					10	49	207					29	1,079
Kingfish			65,917	286,625	53,170			2,000	2,600			20	82,400
Mackerel, Pacific						302	240	1,200	1,200	1,155	125	134,250	495,132
Perch	116	2,838	6,923	554			1,556	13,783	125	1,473	1,473	1,473	151,191
Pompano, California						95	172		3,501	2,657	1,574	4,452	2,708
Rockfish	15,688	23,827	42,435	16,742	15,013	35,875	11,552	5,803	10,078	5,216	9,094	9,255	202,781
Sablefish		3,235	997	187	110	1,483	1,244	1,244	4,439	2,000	2,000	2,000	3,591
Salmon					64,135	364,683	1,028,285	403,120	166,755		29	201	2,021,208
Sand Dab										6,017			
Sardine	14,083,900	30,900	11,200	18,800	21,800	30,800	29,000	29,000	106,474	7,000	11,000	2,000	143,862
Sea-Tens, White	672	656	272			45	167	828	1,960	2,229	3,514	3,605	13,948
Shark	211,829	35,731	9,508	1,311	100	147	19,179	87,663	57,663	58,609	378,500	21,714	1,000
Shad			1,029	3,185	1,029	5,650	1,779	420	2,000	2,000	2,000	2,000	1,000
Smelt	7,379	61,830	190,068	111,935	157,656	159,869	70,598	70,598	81,469	11,919	185	765	899,619
Sole			95,891	65,998	133,267	112,803	65,178	62,394	20,992	21,992	17,998	108,998	399,237
Tuna, Albacore							702		294,807	178,793	30		474,832
Tuna, Bluefin										45,182			43,182
Turbot		85	2,894	824	6,746	881	236	184	2,000	2,000	2,000	2,000	13,196
Whitefish			1,839	37	390	170			400		50	535	3,487
Miscellaneous Fish	7,934	9,696	502	1,133	1,631	447	105	60	924	309	899	1,973	29,174
Crustacean:													
Crab	165,500	221,172	245,140	117,618	161,670	141,882	95,414	38,458	44	3,888	334,932	263,533	2,021,558
Shrimp		21,709	38,873	27,248	16,454	23,826	25,437	28,471	19,460	14,718	5,568	17,308	11,043
Mollusk:										5,341			650
Absalone													5,341
Cod													129
Cream, Soft-shell			130										
Oysters	5,626	5,574	7,452	6,316	3,805	2,483	2,341	3,144	2,742	2,276	2,037	2,461	46,557
Oyster, Japanese	10,000	9,200	8,100	7,200	5,100	5,600	1,345	1,345	2,70	27	1,450	4,902	4,902
Oyster, Native	33,846	49,408	29,551	27,911	32,214	17,399	21,481	19,388	17,562	15,898	17,994	18,905	301,454
Squid					20,570	9,920		30,000					30,446
Grand totals, San Francisco Region	14,731,498	1,320,420	918,119	564,508	603,875	1,166,499	1,769,336	29,687,554	107,439,778	7,448,474	12,376,751	2,886,155	180,963,355

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 pounds
Anchovy.....	1												198,432
Cabrilla.....	180	325	11,680	43,430	10,000	4,970	1,732	26,750	99,570	1,556	179	179	205,656
Cultus, Pacific.....	12,371	7,694	15,040	7,685	4,654	8,181	2,037	1,126	453	4,570	13,534	7,502	84,502
Flounder, Starry.....	1,370	571	3,186	946	5,638	682	240	691	277	225	707	346	14,279
Duke.....										25		270	1,015
Halibut, California.....	554	927	2,283	1,288	193	610	1,315	1,787	1,243	2,825	1,162	1,418	15,511
Herring, Pacific.....	4,812	6,510	7,247	14,424	10,626	18,782	25,274	7,012	62,245	10,546	12,442	26,652	205,656
Mackerel, Horse.....	2,710	1,422	5,735	10,571	9,174	8,947	42,711	34,815	39,521	2,415	3,467	162,793	
Mackerel, Pacific.....	1,368	3,074	5,011	11,717	2,000	90,770	79,000	49,900	1,074,200	1,700,000	417,000	560,000	4,940,200
Percich, Pacific.....	216	459	2,100	10,020	221	189	168	555	22	118	20		13,879
Pompano, California.....		14	14	14	14	152	189	189	189	189	189	189	296
Rockfish.....	108,060	150,335	130,325	42,933	73,200	48,200	50,965	5,597	31,882	22,507	30,873	13,815	684,224
Sablefish.....	84,749	70,834	74,716	83,301	34,917	38,575	15,191	6,790	177,057	203,848	290,272	181,534	1,221,784
Salmon.....													1,161,084
Sand Dabs.....	2,840	7,539	6,529	11,797	7,583	5,020	5,297	4,915	5,427	7,265	2,081	7,023	
Sardine.....	28,310,362	47,058,278	1,042,658	875,106	193,055	370,055	1,578,077	53,653,333	91,670,157	46,753,355	81,048,355	85,614,625	439,702,334
Sea Bass, White.....										50,000	50,000	50,000	207,000
Shad.....			30		15								145
Shark.....	97,507	17,151	10,555	4,656	860	385	21,185	34,215	22,141	7,855	64,052	75,755	325,798
Smelt.....	2,350	1,560	1,106	1,554	1,105	918	421	597	385	284	2,058	1,422	10,277
Sole.....	6,492	1,012	131	1,333	716	14,051	25,750	72,239	93,285	25,545	20,233	27,389	292,011
Tuna, Albacore.....	8,783	10,120	8,397	20,650	1,000	5,285	5,285	5,285	5,285	5,285	5,285	5,285	124,524
Tuna, Bonito.....	100								12				112
Turbot.....						505							703
Miscellaneous Fish.....	295			175				23			738	998	2,229
Crustacean:													
Crab.....	14,184	10,338	7,936	7,494	5,248	3,166	1,760	46			7,770	6,784	64,724
Shrimp.....						8							43
Mollusk:													
Alewife.....													100
Clam, Pismo.....	458	308	456	230				100		14	72	221	
Oyster.....	164	44	44	55	468	4,018	2,448	547	294	294	52	108	9,352
Squid.....	23,280	18,805	6,789	534,071	3,379,165	3,295,215	39,100	35,900	120,175	163,40	1,242,273	206,475	9,095,688
Grand totals, Monterey Region.....	28,650,705	47,085,517	1,041,434	1,970,099	4,032,682	4,329,852	2,222,502	54,421,068	93,604,694	49,117,517	83,134,947	85,748,567	458,159,474

COMMERCIAL FISH CATCH ON CALIFORNIA FISH

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	DIVISION OF FISH AND GAME											Total pounds
	January	February	March	April	May	June	July	August	September	October	November	
Barracuda	26,373	24,765	10,329	21,780	12,545	23,066	52,602	18,370	2,625
Catfish, Yellow	6	655	5	209	186	...	55	2,027	1,230	135
Codfish, California	16,995	16,527	14,433	20,624	20,581	30,509	4,371	1,713	2,112	1,697
Herring, Pacific	25,656	15,932	15,933	13	328	40	8,546	4,457	40,632	35,352	40,387	24,076
Kingfish	4	19	8,546	5,457	452
Mackerel, Pacific	4,166	3,308	8,278	2,075	3,642	225	...	5,457	3,115	16,688	2,025	1,773
Perch	100	100	100	2,075	3,642	216	138	839	4,795	3,680	4,336	92,380
Rock Bass	3,937	3,357	16,881	6,238	15,317	10,441	2,767	509	40	1,533	1,533	1,533
Rocfish	11,753	9,981	9,981	571	2,131	655	2,131	655	2,031	3,806	2,494	1,535
Sabinefish	3,049
Sardine	362
Sculpin	325	630	45	45	49	20	199	143	...
Ses-bass, Black	33	281	196	300	229	314	123	631	100	256
Ses-bass, White	30,633	663	589	4,540	15,832	5,613	6,386	8,738	1,798	1,832
Shark	49,440	62,320	51,004	128,225	36,411	3,893	8,579	9,075	38,286	55,837
Shorthead	8,625	11,509	30,838	31,162	31,162	3,256	3,256	38,88	9,075	27,219	14,353	47,890
Shorel	1,473	1,473	1,473	90	90	96,683
Sole	483	481	666	2,273	2,504	315	219	160	163	2,246	680	145
Swordfish, Broadbill	25,478	34,473	27,839	32,767	35,539	22,633	7,231	5,600	22,355	22,355	10,107	10,107
Tuna, Albacore	780	11,882	47,299	29,050	42,770	3,824	2,962	23,442
Tuna, Bluefin	104,294	61,318	127,308	17,555	294,675
Tuna, Bonito	2,408	1,208	255,170	20,729	275,589
Turbot	14,075	2,188	3,346	684	7	78	5,091	33	146,655	20,665	14,686	367,637
Whitemesh, Ocean	3,185	1,688	1,356	2,811	2,525	1,334	1,379	95	2,836	1,928	2,163	1,239
Miscellaneous Fish	1,745
Crustacean:												22,412
Lobster, Spiny	12,213	10,388	5,659	20,071
Mollusk:												20,071
Abalone	24,550	...	19,550	36,150	42,550	72,100	94,258	63,350	32,350	47,900	153,650	45,150
Clam, Pismo	4,182	4,571	5,227	3,690	5,038	5,134	4,008	2,844	1,723	3,232	1,864	63,455
Oyster, Japanese	36,487	38,344	64,550	52,320	45,450	24,080	24,480	26,070	27,015	32,340	32,220	44,111
Grand total, Santa Barbara Region	236,151	212,247	256,869	213,098	254,068	311,186	345,207	687,192	588,589	332,668	393,895	4,037,382
												208,297

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	20,475	32,505	106,772	156,265	102,410	63,483	206,456	290,095	111,322	5,159	1,203,483	
Barracuda.....	1,229	22,131	122,435	165,845	452,668	634,628	273,135	113,416	9,423	30,354	9,235	981	1,835,780	
Cultus, Pacific.....	59	38	26	45	203	509	22	23	25	698	1,273	
Pacific Starry.....	100	100	100	100	100	100	100	100	100	100	100	1,000	
Flying Fish.....	1,158	685	400	613	54	2,271	
Hhalibut, California.....	5,265	62,059	91,455	66,951	18,717	15,783	7,146	4,651	3,515	5,315	5,055	2,555	20,496	
Kingfish.....	14,303	12,879	33,434	33,988	28,519	13,928	6,811	2,079	3,362	13,257	10,721	12,660	85,524	
Mackerel, Horse.....	4,202,763	391,249	36,450	46,520	1,472	274	815	1,857,019	824,550	266,569	4,831,273	289,801	12,379,755	
Makete.....	3,599,141	1,541,000	600,000	22,000	1,200	223,464	14,664	2,988,000	10,200,000	15,820,000	24,394,000	9,581,000	69,675,000	
Perch.....	351	958	1,949	5,778	256	123	3,023	8,171	2,616	683	712	790	25,408	
Pompano, California.....	1,468	506	266	153	264	133	81	256	531	315	335	4,449	
Rockfish.....	1,715	1,024	1,045	1,215	34,645	5,144	6,007	2,074	5,251	5,251	19,583	1,023	10,079	
Rockfish.....	21,013	31,654	32,517	36,323	42,078	19,461	5,090	501	1,941	5,584	1,696	196,374	1,696	
Soldier.....	3,462	1,482	1,482	1,482	1,482	1,482	1,482	1,482	1,482	1,482	1,482	1,482	1,482	
Sardine.....	53,692,474	25,795,397	171,692	36,715	30,560	1,293	6	11,698	639,450	69,648,148	42,408,151	60,375,000	232,710,040	
Schulpin.....	1,041	53	53	322	427	743	699	1,887	345	1,703	33	297	7,280	
Sea-bass, Black.....	85	53	756	322	427	743	699	1,887	345	1,703	33	297	7,280	
Sea-bass, White.....	7,262	10,193	14,714	43,418	81,900	18,181	15,469	22,094	112,717	17,000	20,143	14,132	21,244	
Shark.....	4,250	7,002	507	400	156	156	380	95,949	35,214	38,240	45,143	14,151	1,124,911	
Sheepshead.....	4,250	7,002	507	400	156	156	380	95,949	35,214	38,240	45,143	14,151	1,124,911	
Shore.....	699	1,257	1,257	1,257	1,257	1,257	1,257	1,257	1,257	1,257	1,257	1,257	9,628	
Smelt.....	8,763	10,999	12,359	28,242	9,268	6,178	6,755	13,099	15,565	47,575	35,929	31,116	226,168	
Sole.....	171	1,050	1,120	2,575	4,946	4,477	1,073	457	717	713	311	216	17,856	
Swordfish, Broadbill.....	200	1,937	3,172	44,629	31,023	26,120	17,020	1,125	1,125	1,125	
Tuna, Albacore.....	300	345,485	1,365,257	1,111,154	3,308,384	2,764,059	388,776	126,717	6,739	8,665,745	
Tuna, Bonito.....	45,779	5,535	15,511	688	19,300	9,701	10,037	166,700	99,751	19,353	1,330,000	10,353	365,155	
Tuna, Skipjack.....	6	203	2,058	13,341	8	4,204	4,204	
Tuna, Skipjack.....	125	157	157	157	157	157	
Whiting, Ocean.....	2,218	558	257	458	2,638	4,442	42	181	938	452	3,445	2,208	17,862	
Yellowtail.....	4,502	956	6,280	945	897	2,164	2,046	350	929	2,228	651	700	17,043	
Mediterranean Fish.....	4,502	956	1,200	5,897	7,400	7,717	5,534	2,125	2,543	14,370	9,983	1,074	41,072	
Crustaceans:	37,578	42,236	27,206	120,481	
Lobster, Spiny.....	5,481	4,059	3,621	
Mollusks:	
Avalon.....	9	26	18,165	6,525	9,630	6,235	462	1,708	42,725
Octopus.....	10,630	1,030	180	4	36	10	92	
Squid.....	7,603	7,710	27,213	
Total pounds.....	61,408,169	27,925,392	1,215,433	885,867	2,263,696	2,141,982	4,975,822	8,888,375	12,895,725	16,569,929	73,389,814	71,035,103	384,686,499	

COMMERCIAL FISHING OF CALIFORNIA

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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	DIVISION	
Barracuda	35,251	126,051	29,763	30,256	10,799	2,506	43,337	107,745	105,965	146,860	239,866	105,596	989,116	FISH AND GAME	
Cobia, Mexican	43,151	50,000	10,317	120,114	3,869	2,884	17,270	9,855	16,790	11	2,398	18,475	130,160	130,160	
Croaker	202	5,744	5,076	5,076	
Grouper	7,280	703	3,944	155	445	395	15,041	10,719	35,772	
Hallibut, California	22,005	10,000	20,100	4,000	848	26,772	31,026	42,544	166,000	209,994	
Mackerel, Pacific	220	94	60	250	3,165	1,872	350	
Mackerel, Spanish	632	6,943	6,943	
Perch	213	113	12,177	12,177	
Rock Bass	174	267	921	649	1,143	3,446	25	794	4,075	650	24,253	24,253	
Rudderfish	2,680	6,000	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	430,512	
Sea-bass, Black	14,333	13,721	12,240	1,370	18,866	8,082	42,837	105,160	152,665	41,228	13,970	4,411	2,317,911	2,317,911	
Sea-bass, White	10,915	1,808	222	1,116	25,918	10,595	7,509	5,154	5,803	69,408	69,408	
Shark, Blue	15	1,600	1,600	1,600	1,600	1,600	2,391	2,391	
Sheepshead	333	232	140	86	73	330	416	417	417	2,027	2,027	
Sole	200	200	200	200	
Solet	151	151	151	151	
Sole, Soot	167	167	167	167	
Tuna, Albacore	12,616	101,356	174,604	445,043	444,178	744,444	109,956	94,640	532,403	2,808	148	1,100,000	1,100,000	
Tuna, Bluefin	4,085	35,014	101,356	174,604	445,043	444,178	744,444	109,956	94,640	532,403	2,808	148	2,317,911	2,317,911	
Tuna, Skipjack	32,431	245,941	91,455	878,644	714,333	93,028	18,183	1,747,59	181,028	35,378	260,517	22,684	3,525,533	3,525,533	
Tuna, Yellowfin	362,665	823,454	704,271	2,901,449	2,973,953	3,294,105	1,522,453	1,958,854	1,958,854	1,958,854	1,958,854	1,958,854	301,027	4,937,575	4,937,575
Whiting, Ocean	5,646	19,743	40,046	5,894	197,533	1,404,658	127	1,537,806	505,061	56,915	78,738	26,540	40,988	4,018,296	4,018,296
Yellowtail	13	127	433	304	300	1,177	1,177	1,177	
Miscellaneous Fish	
Crustacean:	674	3,439	178,002	
Lobster, Spiny	71,226	67,700	35,863	
Mollusk:	
Clam, Pismo	17,886	52,113	35,590	33,818	18,954	10,690	72,166	30,329	36,222	14,204	33,877	356,849	356,849	
Total pounds	650,910	1,471,603	1,183,447	4,032,647	4,392,862	5,338,155	5,076,800	5,309,221	3,002,337	1,933,439	1,047,102	2,325,222	36,863,054	36,863,054	
Grand total:	
Los Angeles Region	62,059,079	29,397,075	2,208,832	4,018,514	6,605,798	7,690,127	10,054,811	14,107,096	16,498,062	18,494,388	74,036,916	73,300,325	420,650,453	420,650,453	

TABLE 36 [continued]

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

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds	COMMERCIAL FISH CATCH OF CALIFORNIA
Anchovy.....					85								85	
Barracuda.....			95,772	3,025	84,731	143,822	457	363	5,057	13,245	8,212	1,761	356,441	
Culture, Pacific.....	50		197	12	1,022	1,022	44						1,031	
Halibut, California.....	51	83	638	1,035	19,708	1,969	107	688	2,149	3,246	4,478	35,155		
Kingfish.....	99	76	480		1,022	12	156		1,232	1,232	1,232	1,232	3,219	
Mackerel, Horse.....	888													
Mackerel, Pacific.....	2,194	33	2,217	17,334	77,633	298,317	191		59,438	8,055	63,444	74,475	645,928	
Millipede.....			30,204	24,044	4,753	4,753				1,947	4,530	1,716	23,116	
Pompano, California.....	9,756												25	
Rock Bass.....	1,637	1,444	36	25	1,835	2,554	25	347	499	1,297	5,909	5,871	21,400	
Rudderfish.....	1,162		1,190	1,055	1,04	1,04	5,020						11,295	
Sardine.....	1,295,218	12,360	24,382	1,270	1,601	68			165	1,261,638	1,689,873	873,600	5,160,275	
Sculpin.....	388				260	116	222	5,807	410		790	967	1,003	
Sealions, Black.....	18		888	142	3,191	7,499	782		195	6,702	7,376	1,284	20,158	
Shark, White.....	3,600	18,456	11,141	24,000	8,000	73,900	10,200	1,268		7,000	8,000	8,000	20,272	
Sherpherd.....	181	217	184	150			16			498	828	355	2,437	
Seetle.....	60			110	106					18		600		
Sole.....						5							8,231	
Swordfish, Broadbill.....							4,341			1,375	2,515			
Tuna, Bluefin.....	28					449	1,414,000	3,064,537	64,623	21,231	106	3,720,133		
Tuna, Bonito.....					109,150	101,880	5,669	198,210	76,377				581,216	
Tuna, Mako.....			863	27	1,857	15,017	1,000	10	2,152	8,180		2,228	14,444	
Tuna, Yellowfin.....									1,181	397	14		2,331	
Whiting, Ocean.....	242								266	1,263	14		1,673	
Yellowtail.....						158	650	7,833	488		157	388	1,741	
Miscellaneous Fish.....					2					4,033	3,121		16,203	
Crustacean:														
Lobster, Spiny.....	3,402	1,832	2,210							4,134	9,245	31,435	32,268	
Mollusk:														
Squid.....	16,313											16,087		32,409
Total pounds.....	1,325,068	45,339	170,409	61,306	437,918	623,757	1,453,766	2,268,704	208,450	1,695,063	1,832,350	1,008,925	11,042,135	

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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	21,520	17,777	13,038	31,553	7,172	2,317	402	36,940	144,624	86,169	18,501	403,333
Cabrilla.....	8,246	2,013	392	11,406	188	2,716	6	30	8,319	13,669	46,956	30	
Catfish, Mexican.....													150
Cuttle, Pacific.....													
Groupers.....	1,752	528	883	184	127	6							
Hallibut, California.....	19,121	19,917	17,484	10,778	134	10	59	14,672	27,328	47,665	16,038	5,363	43,115
Kingfish.....													204,715
Mackerel, Pacific.....	75			3,105	2,574	6,182		400	1,283	57	2,220	8,504	27
Mackerel, Spanish.....													
Mullet.....			1,257										
Rock Bass.....	645	708	692	1,452	1,290	9,110			8,202	7,330	628	314	13,678
Rockfish.....	24,679	22,632	32,660	19,862	28,632	47,157	1,513				2,220	410	1,469
Sardine.....													
Schulz, Yellow.....													
Sculpin.....		50	264	1,336	1,924	93					475		323
Sea-bass, Black.....	8,312	12,790	23,000	21,614	4,094	41,681	39,911	14,257	2,722	40,148	7,790	13,166	251,072
Sea-bass, White.....		456	432	11	62	31	33	469	1,014	29,090	22,013	1,077	
Shark.....	5	30		1,095	444	466	524	6,824	25,777	7,277	1,027	9,643	
Sheepshead.....	4,824	1,017	704	509	600	712	74	129	1,027	7,085	544	24,223	
Smelt.....		33		15									
Sole.....													35
Swordfish, Broadbill.....													18,533
Tuna, Blue.....	110,114	390	159			380	885	9,264	5,741	1,905	294		18,533
Tuna, Bonito.....													386
Tuna, Bigeye.....	62,655	30,218	2,379	87,470	132,730	135,380	190,175	214,155	5,790,905	2,140,835	139,700	1,610	295,670
Tuna, Yellowfin.....		57,000	1,200	1,215	969,158	1,017,033	1,097,230	2,038,272	3,755,482	2,167,435	3,849,976	2,831,640	1,707,563
Whitefish, Ocean.....	548,151	1,033,090	1,716,215	1,900,785	1,700,582	2,062,000	3,078,000	3,440,000	3,911,000	2,800,000	4,954,544	30,200,000	50,818
Yellowtail.....	8,024	3,454	703	558	562	408	100	760	1,504	4,103	17,429	45,422	882,624
Miscellaneous Fish.....	29,397	22,522	25,928	33,599	24,210	140,440	12,024	8,747	38,578	170,773	112,975		1,084
Crustacean:													
Lobster, Spiny.....	98,932	108,034	103,332	12,790									508,246
Mollusk:													
Above.....													
Clam, Pismo.....			24,599	616	24,461	47,096	18,326	65	33,126	49,938	10,881		208,915
Total pounds.....	1,000,004	2,381,085	3,214,471	2,697,348	3,380,700	4,437,117	6,021,235	13,107,104	8,425,215	6,817,376	5,847,632	6,972,649	64,273,139
Grand totals:													
San Diego Region.....	2,326,002	2,426,474	3,284,880	2,788,654	3,788,618	5,060,874	7,475,004	15,375,808	8,633,565	8,423,439	7,680,282	7,981,574	75,15,274

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
Cabzone.....	3,900		1,000	5,900
Cabrilla.....			208,909	208,909
Carp.....	18,312			18,312
Catfish.....	340,468			340,468
Corbina, Mexican.....			1,405	1,405
Cultus, Pacific.....	743,067	2,871	87	746,025
Eel.....	1,159			1,159
Flounder.....	366,520			366,520
Flying Fish.....	3,112			3,112
Grouper.....			95,623	95,623
Hake.....	4,751			4,751
Hake, California.....	1,118,528		373,583	1,492,111
Hakeut, Northern.....	244,027	48		244,075
Hardhead.....	1,144			1,144
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
Rolle.....	6,406,727	1,681	12,824	6,421,232
Sablefish.....	41,116,451			41,116,451
Salmon.....	10,928,654			10,928,654
Sand Dab.....	551,220			551,220
Sardine.....	1,147,207,117		765	1,147,207,882
Sculpin.....	52,932		4,288	57,270
Sea-bass, Black.....	30,523		404,322	434,845
Sea-bass, White.....	254,050		139,918	393,968
Shad.....	2,688,664			2,688,664
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			1,541,044
Sole.....	4,697,459	1,144	1,723	4,709,326
Split-tail.....	8,178			8,178
Swordfish, Broadbill.....	441,188		307,993	749,183
Tomcod.....	135			135
Tuna, Albacore.....	8,658,605	2,635,547	9,774,659	20,069,011
Tuna, Bluefin.....	10,083,534		4,259,966	20,343,550
Tuna, Bonito.....			492,696	518,871
Tuna, Skipjack.....	326,175		29,993,550	30,037,236
Tuna, Yellowfin.....	43,076		63,098,518	63,142,391
Turbot.....	45,373			72,825
Whitebait.....	72,825			
Whitefish, Ocean.....	269,425			269,425
Yellowtail.....	29,571		71,230	100,801
Miscellaneous Fish.....	30,949		2,926,222	2,957,171
	99,669	66	757	100,392
Crustacean:				
Crab.....	2,935,316			2,935,316
Lobster, Spiny.....	512,402		407,463	919,865
Shrimp.....	291,074			291,074
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.....	7,535			7,535
Oyster, Eastern.....	106,596			106,596
Oyster, Japanese.....	636,086			636,086
Squid.....	10,936,695			10,936,695
Total pounds.....	1,330,670,704	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 39
POUNDS AND VALUE OF COMMERCIAL FISH LANDINGS IN CALIFORNIA DURING 1944

Species	Eureka Region		Sacramento Region		San Francisco Region		Monterey Region		DIVISION OF FISH AND GAME
	Pounds	Value	Pounds	Value	Pounds	Value	Pounds	Value	
Anchoa					110,010	\$3,062	847,915	\$9,070	
Barnacles					2,933	93	534	27	
Cabazon									
Cabrilla									
Carp	104	\$15	14,235	\$521					
Catfish			340,468	80,261					
Codfish, Mexican					121,501	8,815	76,797	5,000	
Cutlass, Pacific	543,515	56,631							
Eel	1,135	114							
Fish Hawk, State	127,514	10,851	680	15	106,767	6,195	94,775	4,785	
Flying Fish									
Grouper									
Hake									
Halibut, California	3,633	285			866	75			
Halibut, Northern	240,004	43,165			7,739	1,131	17,497	2,697	
Haddock					8,171	367			
Herring, Pacific	101,594	2,536	1,064	495	270,824	6,381	50,337	641	
Kingfish					1,049	125	22,000	1,740	
Mackerel, Horse	407	10					82,045	6,736	
Mackerel, Sardinella									
Mackerel, Spanish							551,235	17,124	
Mullet									
Pink Salmon									
Pike	35,712	1,583			44,401	5,455	25,785	2,235	
Pompano, California			716	58					
Rockfish							3,288	1,070	
Saddleduck							40	20	
Salmon	5,825,923	245,915			68,965	3,815	731,701	29,398	
Sardine	1,400,000	100,000			4,912	25	2,150,000	17,512	
Saud Tad	3,791,094	719,023	3,265,143	415,974	2,046,714	438,008	375,579	96,599	
Sardine, Common	202,368	15,794			275,532	15,000	66,495	3,988	
Sealipin					267,320	2,000	500,000	5,574,071	
Seabass, Black									
Seabass, White	3,306	487			8,912	1,647	9,099	1,151	
Shad					131,033	147			
Shark			2,658,517		559,229	306,118	280,410	32,368	
Sheepshead	754,321	175,429							

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

Salmon.....	451	0	26,040	345	8,700	224		
Sardine.....	32,627	2,425	1,207,263	80,042	120,341	8,955		
Sole.....	3,136,850	214,891	1,332,593	70,010	223,168	14,288		
Split-tail, Broadbill.....			450			...		
Swordfish, Broadbill.....						...		
Tuna, Albacore.....	135	0	3,131	357	226,101	36,915		
Tuna, Bluefin.....	77,800	14,659	1,997	199	-	-		
Tuna, Bonita.....						...		
Tuna, Skipjack.....						...		
Tuna, Yellowfin.....						...		
Turbot.....	5,859	494	17,489	1,091	1,650	181		
Whitefish, Pacific.....	247,950	38,339	20,423	3,238	1,032	132		
Whiting, Ocean.....						...		
Yellowtail.....						...		
Miscellaneous Fish.....	26,480	1,860	12,068	618	4,936	29		
 Crustacean:								
Crab: Rock.....	365,853	42,497	2,429,439	367,033	189,453	18,533		
Crab, Rock, Lobster, Spiny.....			291,974	11,427	-	-		
Shrimp.....						...		
 Mollusk:								
Ashley, Cockles.....			289,201	26,180	2,717	230		
Clam, Cockle.....					1,813	164		
Clam, Pismo.....						...		
Clam, Washington.....	1,423	97	31,316	1,880	-	-		
Octopus.....	1,950	115				...		
Oyster, Eastern.....			4,855	397	674	113		
Oyster, Japanese.....			106,996	10,557	-	-		
Squid.....			177,181	13,097	-	-		
Total pounds and value.....	17,355,829	\$1,779,755	\$2,825,002	\$1,460,459	\$18,162,866	\$3,083,230	\$17,393,136	\$6,332,114

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		DIVISION OF FISH AND GAME
	Pounds	Value	Pounds	Value	Pounds	Value	Pounds	Value	
Anchovy			2,930,311	\$54,005	2,783	\$84	3,551,029	\$65,350	
Barracuda	68,265	\$12,913	2,932,312	570,435	71,009	86,340	3,684,177	409,638	
Cabazonne			33	3			3,600	123	
Catfish			180,201	27,708	45,708	6,786	26,962	33,141	
Carp			3,973	297			18,312	1,045	
Catfish							340,468	80,261	
Codfish, Yellowtail							14,157	1,157	
Cuttle, Pacific	872	75	2,692	276	648	72	746,025	64,739	
Floounder, Starry	2,441	112	771	82			36,601	19,101	
Flying Fish			3,112	255			3,112	235	
Grouper			1,044	333	63,979	14,588	95,321	14,427	
Hake			142	11			4,731	377	
Halibut, California	607,736	97,273	603,268	134,079	253,903	50,334	1,462,111	283,514	
Hallibut, Northern							21,601	4,030	
Herring							1,694	495	
Herring, Pacific							422,353	8,555	
Hindfish	175	10	110,464	6,065	1,177	101	20,173	2,173	
Mackerel, Horse			12,694,579	222,157			12,777,119	228,903	
Mackerel, King	76,113	3,679	82,914,835	1,081,411	115,779	4,545	83,607,487	1,708,487	
Mackerel, Spanish			7,801	783	8,402	434	14,263	1,217	
Mullet			103,234	8,426	8,704	10,778	191,067	19,204	
Docke			22,883	2,444	2,640		14,849	1,640	
Pike							716	56	
Pompano, California							12,176	3,75	
Rock Bass	42,327	8,277	119,038	16,051	67,201	9,462	229,094	31,440	
Rockfish	48,819	2,166	24,063	1,446	21,762	1,589	6,421,232	287,333	
Sablefish			7,024	704			4,111	271,445	
Salmon			7,434	1,242	1,054		10,255,594	1,664,846	
Salmon, Pink							531,229	39,439	
Sardines			5,851	3,955	3,607,484	39,822	1,169,003	121,003	
Sculpin			350,037,577	3,965,251					
Sea Bass, Black	297	13	49,770	6,775	7,203	886	67,270	7,674	
Sea Bass, White			2,649	1,000	18,153	29,31	48,450	5,530	
Sea-hare, White	64,615	9,332	279,934	37,958	28,102	5,050	333,968	55,634	
Shad							2,658,424	121,040	
Shark	274,699	55,227	665,221	163,430	178,551	23,612	24,101	75,060	
Shasphead			95,611	9,057	55,278	5,103	17,764	1,652	15,812

TABLE 39 [continued]

	4,429	112	7,221	281	15,099	138	13	50,419	1,088	COMMERCIAL FISH CATCH OF CALIFORNIA
Skate Sole.....	11,454	1,005	150,611	281	15,099	138	13	1,541,044	107,549	
Sole.....	75,838	3,329	6,187	832	-----	-----	-----	4,700,010	303,210	
Sole.....	-----	-----	-----	-----	-----	-----	-----	5,179	459	
Swordfish, Broadbill.....	136,239	41,707	300,146	91,348	312,968	92,609	749,333	225,664		
Tuna, Albacore.....	656,454	105,732	5,452,184	375,093	14,563,355	2,447,905	20,969,011	3,483,641		
Tuna, Bluefin.....	157,309	14,944	19,117,054	1,818,580	1,097,180	104,901	20,343,450	1,935,624		
Tuna, Skipjack.....	653	4	39,141	41,141	47,114	6,448	1,020,452	1,020,452		
Tuna, Yellowfin.....	-----	-----	8,339,052	743,537	21,695,204	1,050,560	30,037,254	2,694,117		
Tuna, Yellowfin.....	-----	-----	23,000,007	2,270,792	40,077,804	3,089,081	65,145,543	6,712,372		
Trout.....	47,805	1,035	102	-----	-----	-----	269,455	3,561		
Whitebait.....	2,951	422	15,618	1,782	16,002	8,499	42,297			
Yellowfin, Ocean.....	2,951	422	1,928,052	150,387	1,004,119	84,034	2,637,171	234,421		
Miscellaneous Fish.....	19,458	2,052	36,196	3,234	654	115	104,392	7,908		
Crustaceans:										
Crab.....							2,934,776	429,033		
Oyster, Rock.....			540	54	-----	-----	540	54		
Lobster, Spiny.....	141,555	34,807	178,548	52,584	599,762	164,281	919,565	251,672		
Shrimp.....							291,574	11,427		
Mollusks:										
Above.....	1,273,450	112,772	64,934	5,875	-----	-----	1,630,402	145,057		
Clam, Cockle.....	32,811	8,222	407	39	-----	-----	407	39		
Clam, Rock.....	-----	-----	11,790,222	518,000	-----	-----	11,790,222	518,000		
Clam, Soft-shell.....	-----	-----	-----	-----	-----	-----	31,316	1,880		
Clam, Washington.....	-----	-----	-----	-----	-----	-----	1,423	97		
Oyster, Eastern.....	267	38	267	38	267	38	75,000	5,000		
Oyster, Japanese.....	450,505	24,038	64,601	2,017	2,950	88	106,599	10,557		
Squid.....	-----	-----	-----	-----	-----	-----	63,000	37,138		
Total pounds and value.....	4,391,389	\$549,014	\$33,897,774	\$13,136,001	85,315,045	\$9,167,012	1,458,941,641	\$36,129,445		

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.

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 pounds	Division	
Ashhook.....	80,000	1,456	9,710	27,070	75,410	70,326	48,595	398,820	1,889,075	1,050,158	58,933	172,476	3,891,029	3,645,177	
Barracuda.....	154,737	144,497	437,170	259,640	704,412	772,472	355,257	240,172	1,785,279	217,253	131,044	33,144	3,645,177	1,000	
Catfish.....	1,400	141	141	141	141	141	141	141	141	141	141	141	141	141	141
Cod.....	8,900	14,373	42,990	23,302	14,677	7,226	24,073	12,032	8,819	31,096	7,348	13,263	208,909	208,909	
Carp.....	458	1,689	2,744	549	1,527	1,942	-----	768	3,456	311	670	4,200	18,312	18,312	
Dolphin.....	200	15,700	33,000	30,600	49,000	-----	-----	41,860	64,637	60,000	54,643	10,043	140,043	140,043	
Cobia, Mexican.....	200	-----	800	-----	605	-----	-----	-----	-----	-----	-----	1,405	1,405	1,405	
Cutlass, Pacific.....	17,633	27,629	125,253	61,243	86,066	59,303	74,635	76,147	42,042	65,212	34,007	79,446	746,200	746,200	
Halibut.....	12,004	42,045	45,130	19,295	43,611	50,824	27,317	11,268	11,888	19,686	4,700	78,726	366,530	366,530	
Founder, Starry.....	12,004	-----	940	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	
Goby.....	2,632	6,148	57,747	16,515	2,439	774	5,230	-----	90	-----	-----	4,048	95,623	95,623	
Grouper.....	2,19	24	11,743	11,515	115	14	2,619	227	85	-----	-----	4,781	4,781	4,781	
Hake.....	97,211	201,243	204,585	93,120	96,197	85,747	130,650	108,525	132,351	55,605	117,566	149,211	1,000	1,000	
Haddock, California.....	607	15	65,200	105,608	49,902	8,648	4,997	469	1,173	1,232	604	640	444,075	444,075	
Halibut, Northern.....	607	15	-----	-----	-----	-----	-----	-----	-----	52	16,193	422,253	422,253	422,253	
Hardhead.....	607	15	-----	-----	-----	-----	-----	-----	-----	-----	-----	12,731	12,731	12,731	
Herring, Pacific.....	200,527	32,660	119,250	6,191	3,666	1,260	-----	-----	37,170	5,217	14,926	15,573	367,701	367,701	
Kingfish.....	22,065	27,704	35,215	50,454	35,034	52,552	38,416	11,821	22,241	84,467	2,400	2,400	1,200	1,200	
Mackerel, Horse.....	1,000	30,000	30,000	7,000	7,000	30,000	30,000	5,000	2,500	2,500	2,500	2,500	12,500	12,500	
Mackerel, Pacific.....	6,537,201	1,245,763	232,283	157,176	310,515	160,954	205,957	1,847,075	22,365,996	23,045,187	15,154,805	12,215,847	83,656,749	83,656,749	
Mackerel, Spanish.....	2,317	2,965	-----	-----	-----	325	340	-----	-----	2,429	4,230	14,263	14,263	14,263	
Weakfish.....	6,000	14,000	47,052	25,333	17,000	9,109	13,333	1,000	1,000	4,520	2,750	1,000	1,000	1,000	
Perch.....	15,000	13,715	45,055	45,289	5,451	2,155	8,574	2,366	1,465	3,921	3,116	2,683	148,858	148,858	
Pike.....	17	17	17	17	17	17	17	17	17	17	17	17	17	17	
Pompano, California.....	1,150	1,327	2,651	3,780	1,088	641	510	5	154	187	26	629	12,178	12,178	
Rock Bass.....	17,350	17,004	11,063	17,988	20,787	38,629	47,242	14,204	5,250	8,711	6,518	11,000	229,044	229,044	
Rockfish.....	100,000	125,000	300,000	300,000	80,000	80,000	1,200,000	500,000	500,000	280,000	450,000	6,415,000	6,415,000	6,415,000	
Sablefish.....	122,745	74,065	237,699	380,902	702,111	634,766	414,644	427,011	445,733	470,100	122,555	84,930	4,116,451	4,116,451	
Salmon.....	2,000	31,167	71,200	29,030	1,728,260	1,728,260	1,728,260	1,728,260	1,728,260	1,728,260	1,728,260	1,728,260	2,000	2,000	
Salmon, Chinook.....	20,359	41,494	77,772	44,539	73,107	70,167	26,917	26,917	26,917	26,917	15,442	15,442	5,511,229	5,511,229	
Salmon, Sockeye.....	132,948,360	30,120,272	958,627	506,002	272,725	521,049	2,684,195	91,048,710	164,406,056	386,456,230	185,941,285	151,250,198	1,147,207,882	1,147,207,882	
Sardine.....	17,250	17,250	17,250	17,250	17,250	17,250	17,250	17,250	17,250	17,250	17,250	17,250	17,250	17,250	
Sea-bass, Black.....	44,440	25,685	45,078	63,655	70,475	37,864	40,051	21,967	26,259	22,966	7,910	25,242	434,845	434,845	
Sea-bass, White.....	7,548	5,688	8,321	12,945	22,557	47,963	33,386	101,183	26,095	93,928	23,545	11,073	393,968	393,968	
Shad.....	-----	200,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	2,000,000	2,000,000	
Shark.....	383,957	132,623	110,476	142,728	166,041	221,115	286,293	225,058	144,136	94,388	116,897	588,690	2,613,431	2,613,431	
Sheepshead.....	17,250	20,674	27,780	22,694	7,310	5,153	4,764	2,733	107,873	12,874	25,784	108,933	108,933	108,933	
Shad.....	8,318	8,466	8,394	8,394	8,394	8,394	8,394	1,004	1,148	509	1,978	1,978	5,988	5,988	
State.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	7,410	7,410	

Sole—	45,921	257,885	464,589	295,652	126,190	58,378	61,749	66,875	58,782	55,544	29,195	15,194	1,541,044
Sole—	219,500	286,000	452,000	422,000	494,100	601,011	678,267	29,195	31,210	488,100	115,400	400,000	4,706,250
Split-tail—	543	324	240	20	494,100	601,011	678,267	1,111	3,728	815	818	280	4,179
Swordfish, Broadbill—	135	—	—	50	—	3,109	58,834	117,720	174,450	257,112	123,790	14,333	740,383
Tenacious—	—	—	—	—	—	—	—	—	—	—	—	—	1,253
Tuna, Albacore—	212	—	—	25	2,871	4,395,244	5,515,465	6,662,191	5,798,667	1,698,214	503,144	20,966,011	20,966,011
Tuna, Bonito—	78,000	78,000	259,554	1,300,659	5,017,000	6,000,000	3,200,000	1,300,659	1,300,659	1,300,659	1,300,659	1,300,659	20,966,011
Tuna, Skipjack—	26,673	72,411	17,201	2,019	9,844	19,558	16,535	107,533	105,223	30,778	160,639	245,633	818,871
Tuna, Yellowtail—	647,785	1,570,081	973,570	4,042,683	1,922,967	1,454,867	2,275,801	4,690,418	3,419,706	4,218,162	2,469,827	2,533,119	30,037,238
Turbot—	1,401	4,013	4,013	4,013	3,857	5,000,000	10,000,000	8,400,000	7,700,000	8,700,000	5,000,000	5,000,000	63,100
Turbot—	3,315	4,013	4,013	4,013	5,857	6,614	18,183	11,734	5,708	4,617	3,103	3,668	72,835
Whitebait—	20,100	39,002	36,388	43,520	49,355	36,406	30,000	12,000	9,887	554	50	90	265,425
Whiting, Ocean—	11,130	24,427	11,130	11,130	4,000	4,000	2,000	2,000	2,000	2,000	2,000	1,000	1,000
Yellowtail—	90,168	128,969	37,672	23,278	197,456	466,323	741,850	26,553	652,068	115,519	203,510	263,945	2,057,171
Miscellaneous Fish—	5,075	6,585	8,638	9,748	17,388	13,675	9,629	5,187	4,244	4,121	7,991	8,576	100,392
Crustacean:													*
Crab—	194,396	246,328	391,666	372,876	378,802	247,865	241,916	115,507	1,668	387,253	356,974	2,633,316	2,633,316
Lobster, Spiny—	197,020	134,783	114,767	16,155	—	—	—	—	—	173,638	103,333	180,179	919,865
Shrimp—	25,889	18,077	27,317	31,455	18,779	19,986	39,180	39,005	31,012	11,285	13,735	15,744	291,974
Modular:													
Abal—	101,200	—	67,513	140,400	288,579	113,801	149,508	158,002	131,863	241,924	64,087	184,425	1,630,402
Clam, Cockle—	—	132	—	260	657,451	1,146,418	1,312,625	1,370,526	281,784	708,325	1,173,823	1,865,228	407
Clam, Family—	587,511	747,134	633,374	1,372,335	637,451	1,146,418	1,312,625	1,370,526	281,784	708,325	1,173,823	1,865,228	11,783,846
Clam, Scallop—	1,777	1,588	2,418	4,115	2,418	2,418	2,418	2,418	2,418	2,418	2,418	2,418	2,418
Clam, Washington—	655	65	159	678	7,292	4,375	19,106	1,101	1,204	135	357	359	4,123
Oyster, Eastern—	635	101	101	101	1,113	357	1,101	1,101	1,101	1,101	1,101	1,101	1,101
Oyster, Eastern—	7,888	9,198	6,684	8,720	46,000	37,277	54,193	62,518	61,746	63,836	9,776	12,113	106,896
Oyster, Japanese—	53,243	55,512	67,244	68,509	46,000	37,277	54,193	62,518	61,746	63,836	49,680	20,407	638,686
Squid—	5,750	161	—	2,300	2,300	2,300,000	4,702,307	1,387,344	2,126,346	444,450	205,642	281,594	22,824
Total pounds—	145,074,503	40,436,795	12,037,968	15,739,855	29,439,159	23,964,601	29,334,613	121,384,004	215,038,401	430,996,600	214,069,028	179,612,996	1,458,941,541

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 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	Division
Carp.													104	
Cultus, Pacific	5,122	15,654	81,354	45,457	73,375	45,238	55,722	65,097	33,102	42,845	13,597	55,985	54,944	
Dab			840	615									1,125	
Flounder, Starry	4,718	7,234	5,418	651	20,721	31,055	19,858	10,500	11,672	18,457	1,376	65,897	107,324	
Hake			108	151									1,033	
Hallibut, Northern	607				68,200	104,799	45,416	7,757	4,997	3,124	469	1,125	240,896	
Herring, Pacific	80,665	20,654	65										101,394	
Mackerel, Yellowtail													35,727	
Perch	2,281	5,429	16,611	9,316				48	30				35,712	
Rockfish			53,270	98,500	20,800	250,571	270,410	31,575	94,254	44,650	145,445	21,622	377,653	
Sablefish	7,270	10,059	131,190	241,770	422,550	311,309	135,453	187,280	214,533	265,458	3,673	18	1,639,468	
Salmon					3,732	219,145	619,889	1,054,751	1,511,270	397,748	84,542	17	3,791,094	
Sail Fin Fish	671		7,055	20,655	10,241	20,651	20,778	36,411	19,350	22,072	19,411	1,241	20,656	
Sea Bass, White	198	171	24					61	97				530	
Shark			70,718	14,829	9,822	1,553	845	8,479	19,350	39,532	70,343	25,778	25,632	456,723
Seatear								35					61	
Smelt	288		665	873	646	1,049	2,621	6,046	8,081	8,115	3,753		32,687	
Sole			18,240	84,436	184,654	272,940	24,222	391,431	505,274	234,187	300,328	47,050	75,750	3,155,700
Tomcod		135											135	
Tuna, Albacore													77,886	
Turbot			181	160	5,238	1,669	601			3,010	2,454	47,357	25,165	
Whitesoil			10,623	36,291	35,400	42,028	46,217	33,389	30,004	11,726	987	554	35	5,559
Miscellaneous Fish	152	459	2,094	4,058	10,414	2,223	2,837	993		787	1,012	284	451	247,050
Crustacean:														
Crab	6,252	15,306	40,200	82,978	72,196	23,501	37,366	58,013	1,068				25,382	365,552
Mollusk:														
Clam, Washington		65	120	676									98	
Octopus	84	49	198	156	115			457	534	56	51	88	454	1,423
Total pounds	283,900	323,445	741,282	1,077,964	2,001,329	2,315,238	2,784,052	3,102,777	1,536,110	1,443,855	368,764	1,281,166	17,359,893	

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
Cod, Pacific	21	9	2,841	2,871
Hake, Northern	48	1,681
Rockfish	1,765	418	1,651	10,128
Shark	1,335	6,583	11,918
Sole	1,141	11,446
Miscellaneous Fish	66	66
Total pounds	1,816	422	1,335	12,363	15,936
Grand totals, Eureka Region	265,716	323,567	741,252	1,077,964	2,001,339	2,315,238	2,784,052	3,102,777	3,836,110	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	1,580	2,744	649	1,527	1,942	768	3,456	311	566	227	14,235
Catfish.....	20,742	15,760	32,555	39,693	4,219	41,080	64,267	65,634	54,643	340,468	
Flounder, Starry.....	288	40	20	260	680	340	1,894
Haddock.....	424	5	5	35	716
Pike.....	47	377	157	19	71	5
Salmon.....	24,401	51,061	74,599	131,381	1,163,275	206,016	232,019	1,210,333	18,450	33,277	3,200	15,165
Sardine.....	11,410,400	377,000	11,970,100	14,622,500	17,606,250	9,572,500	76,506,250	
Shad.....	205,436	1,065,408	1,418,815	4,061	1,111	3,728	815	518
Spotted-tail.....	692	324	240	20	280	8,170
Grand totals Sacramento Region.....	11,457,995	446,057	316,188	1,237,142	2,582,707	232,019	12,203,993	15,981,917	17,671,848	9,659,739	11,036,322	\$2,835,902

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	1,772	815	30,940	45,000	10,700	16,700	5,100	3,570	10	110,010	110,010	
Cod, Pacific...	5,440	6,685	24,945	9,422	6,658	16,822	3,408	3,479	10,244	7,600	131,943	131,943	
Cuttle, Pacific...	6,147	33,830	33,949	15,601	10,832	13,408	4,654	175	5	705	6,622	8,553	
Dab...	200	1,062	692	1,042	1,042	14	11	11	11	11	11	130,767	
Halibut, California...	1,819	1,215	857	238	384	809	1,486	861	77	44	197	429	
Halibut, Northern...	119,982	11,996	119,153	3,136	1,196	1,196	1,196	1,196	1,196	1,196	1,196	1,196	
Herring...	1,608	105	30	18	20	132	67	-----	-----	-----	52	16,165	
Mackerel, Pacific...	-----	-----	-----	-----	-----	-----	148	148	148	148	148	148	
Peech...	6,732	4,837	12,732	7,639	8,355	7,111	6,977	2,338	1,045	1,267	44,401	44,401	
Rockfish...	7,928	5,173	8,162	3,045	4,365	2,410	8,114	7,248	6,844	11,880	3,238	68,965	
Saddled...	45	-----	-----	2,025	-----	-----	11,111	3,730	9,730	11,340	2,278	-----	
Salmon...	-----	-----	-----	-----	247,622	888,592	770,232	531,126	209,182	-----	-----	2,646,714	
Sand Taf...	35,367	35,313	46,377	30,811	38,052	20,588	27,512	1,309	275	11,017	19,283	275,532	
Sardine...	17,180	4,900	4,900	1,213	1,213	1,213	1,213	1,213	1,213	31,484,496	42,045,435	54,071,767	
Sea-bass, White...	3,125	842	307	88	88	88	88	88	88	88	88	207,961,750	
Sal...	-----	-----	-----	-----	-----	-----	14,694	24,271	34,332	45,057	47,383	559,239	
Shark...	159,312	81,452	34,838	58,298	19,200	18,626	21,241	191	191	350	1,734	25,909	
Skate...	5,212	4,532	5,140	5,139	905	1,694	1,694	1,694	1,694	1,694	1,694	1,694	
Smelt...	10,241	2,411	44,661	27,927	11,900	42,062	15,020	17,459	17,459	17,459	17,459	17,459	
Sole...	189,059	180,720	258,442	118,270	152,080	125,578	90,644	8,556	8,556	4,090	31,799	101,050	
Tuna, Alb...	-----	-----	-----	-----	-----	-----	477	477	477	477	477	477	
Tuna, Bluefin...	6	385	1,100	1,355	8,470	5,403	456	456	456	40	210	17,399	
Turbot...	10,241	2,411	44,661	27,927	11,900	42,062	15,020	17,459	17,459	17,459	17,459	17,459	
Miscellaneous Fish...	1,274	3,304	2,067	669	263	607	-----	162	590	1,003	2,117	350	
Grand totals,										360,935	308,545	2,429,439	
San Francisco Region.....	17,972,946	1,363,990	1,408,617	890,267	998,032	1,445,543	1,404,607	32,260,509	42,417,453	54,295,340	33,183,730	30,521,532	218,162,895

COMMERCIAL FISH CATCH OF CALIFORNIA

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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
Anchoa	41	141	115	2,786	2,410	315	18,615	83,057	441,744	283,213	1,225	13,820	847,915
Cabazon, Pacific	6,030	4,681	5,533	2,610	2,690	7,620	5,020	5,437	6,146	11,650	10,417	7,677	934
Flounder, Starry	172	145	5,351	2,635	11,809	6,232	2,872	227	300	232	644	4,310	34,775
Dab, Pacific	254	475	2,979	1,644	1,695	1,870	5,305	1,616	1,270	1,250	358	1,785	17,497
Herring, Pacific	16,329	17,336	23,614	31,195	29,938	41,081	30,028	8,373	19,879	26,945	11,124	5,170	253,905
Mackerel, Horse	159	150	6,081	1,253	14,521	14,521	4,621	4,253	2,955	1,144	1,144	1,144	1,144
Mackerel, Pacific	9,915	9,835	688	271	153	674	8,302	161,147	58,046	117,034	176,555	7,816	551,339
Perc., Pacific	153	114	16,100	1,000	817	432	387	36	23	-----	-----	566	25,738
Tuna, California	600	600	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	2,000
Rock Bass	20,145	2,545	14,445	8,763	17,754	1,811	42,056	54,650	40,622	77,075	85,466	90,010	73,111
Sabinefish	111,631	54,680	109,476	136,605	275,170	323,056	267,118	236,200	199,265	190,650	117,110	84,756	2,102,627
Salmon	-----	-----	152,848	334,370	70,622	15,073	1,062	1,062	1,062	1,062	1,062	1,062	575,579
Sardine, Pacific	9,288	4,660	21,115	24,922	15,425	15,425	15,425	15,425	15,425	15,425	15,425	15,425	15,425
Sardines	49,464,608	15,995,435	154,855	476,534	217,706	485,904	2,555,136	47,580,538	107,413,687	165,432,455	88,191,176	23,568,581	500,005,551
Sea-bass, White	76,783	8,280	9,624	2,745	1,745	1,745	1,745	1,745	1,745	1,745	1,745	1,745	1,745
Shad	1,289	1,445	965	826	518	826	350	343	181	239	1715	8,709	8,709
Skate	4,840	36	1,241	1,037	5,659	33,828	31,241	20,254	22,181	18,469	15,691	15,691	15,691
Sole	28	3,513	15,953	23,300	55,903	81,002	19,475	3,194	1,130	2,333	366	11,055	221,168
Whitebait	10	408	1,069	559	120	370	-----	-----	-----	-----	-----	1,032	1,032
Miscellaneous Fish	10	-----	610	3,710	600	-----	-----	-----	-----	-----	6	4,936	4,936
Crustacean:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	139,485
Crabs	3,078	1,068	5,350	21,086	29,454	19,327	12,598	1,146	-----	26,323	20,049	-----	-----
Mollusk:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Abalone	336	328	269	196	850	542	-----	-----	1,325	-----	16	-----	2,717
Clam, Pismo	10	74	154	141	141	203	55	55	55	75	21	168	1,313
Oyster	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	974
Squid	-----	-----	1,089	2,300	23,336,695	4,732,337	1,387,353	1,219,348	394,395	253,655	321,554	220,903	10,869,644
Grand totals, Monterey Region	49,723,083	15,008,909	358,904	895,547	3,318,028	5,842,498	4,490,388	49,790,109	105,743,890	166,582,189	87,583,927	24,055,507	517,393,136

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 pounds
Barracuda	23,562	9,851	15,072	7,954	14	5	1,588	4,003	4,884	1,250	519	873	68,205
Cultus, Pacific	28	—	—	—	—	—	—	—	63	234	54	2,441	2,441
Dogfish	50	251	58	—	—	—	—	—	10	202	—	—	607,235
Haddock, California	35,997	36,673	30,135	23,650	38,421	35,883	55,881	78,079	78,050	72,022	45,659	71,622	607,235
Kingfish	134	—	—	—	—	—	—	—	—	19	22	175	175
Mackerel, Pacific	69	68	—	—	—	—	—	—	—	—	—	—	69
Perci	4,081	2,895	5,341	3,825	4,448	4,294	2,861	7,234	7,001	3,063	2,098	650	44,571
Rock Bass	1,675	4,339	4,666	3,277	4,294	4,448	4,447	585	419	399	577	146	42,327
Rockfish	4,541	1,209	2,662	2,071	5,011	5,101	5,071	5,071	5,071	5,071	5,071	3,646	45,571
Salmon	—	—	—	—	7,169	214	—	—	—	—	—	—	7,434
Sailfish	114	—	—	—	—	—	—	—	—	—	—	—	297
Sea Bass, Black	133	390	305	58	97	282	37	—	—	—	—	—	1,041
Sea Bass, White	2,760	1,119	3,624	2,401	329	8,282	7,428	31,191	5,183	883	329	356	64,615
Shark	44,981	13,103	26,664	48,099	51,243	10,221	10,221	6,689	8,689	17,277	17,277	17,277	189,644
Sheepshead	10,230	14,281	20,153	8,859	609	495	1,656	2,822	2,465	8,718	8,669	10,524	95,611
Skate	—	—	—	—	—	—	—	—	—	—	—	—	—
Smelt	3,967	2,690	499	—	—	—	—	—	—	—	—	—	1,462
Sole	10,863	7,633	11,705	7,900	1,334	916	145	103	367	—	—	—	4,294
Swordfish, Broadbill	—	—	—	—	—	—	—	—	—	—	—	—	11,444
Tuna, Albacore	—	—	—	—	—	192	12,421	29,421	37,247	17,189	12,119	12,119	180,454
Tuna, Bonito	—	—	—	—	—	105,594	25,143	109,316	57,099	333,247	154,689	133	650,454
Tuna, Skipjack	2,373	107	—	—	—	—	—	—	—	—	—	—	157,305
Turbot	3,307	4,038	4,554	2,923	6,947	5,800	5,048	4,017	2,630	3,948	2,517	1,286	47,803
Whiting, Gurnard	50	296	515	251	194	327	290	109	219	168	200	2,081	2,081
Miscellaneous Fish	870	726	1,280	1,250	1,494	2,023	1,868	2,036	2,226	1,796	915	2,230	19,453
Crustacean:													
Lobster, Spiny	22,295	10,172	7,145	—	—	—	—	—	49,374	22,508	30,063	141,555	
Mollusk:													
Ahalon	101,200	—	43,200	126,050	257,350	99,325	180,700	104,450	57,475	137,400	35,600	150,500	1,273,450
Clam, Pacific	13,120	14,686	13,120	13,120	13,120	13,120	13,120	4,800	3,200	1,248	1,798	32,311	32,311
Oyster, Japanese	35,120	32,550	45,150	42,180	30,625	25,775	30,625	48,900	50,100	51,488	47,250	17,327	459,205
Grand totals, Santa Barbara Region	313,015	147,813	218,650	262,314	524,807	267,405	409,281	466,970	679,521	575,811	195,735	329,077	4,391,389

COMMERCIAL FISH CATCH OF CALIFORNIA

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	DIVISION OF FISH AND GAME
Anchovy.....	89,000	1,456	9,710	24,284	42,060	27,011	19,280	295,640	1,442,231	763,375	57,608	158,556	2,930,311	
Barracuda.....	21,345	43,998	89,156	109,977	525,480	652,793	269,012	83,984	2,570	2,793	309	58	1,900,772	
Cabon.....	12	21	33	
Carp.....	35	584	87	250	9	296	315	22	183	936	3,423
Catfish, Pacific.....	Ed.	2,692	
Flounder.....	41	26	103	208	229	108	58	773	3,112
Flying Fish.....	145	
Hake.....	118	24	5	30	3,016	66	
Hallibut, California.....	39,023	106,226	134,497	62,259	25,589	11,145	9,789	8,242	2,362	2,576	6,282	19,057	421,420	
Kingfish.....	4,000	1,051	1,041	1,041	1,041	1,041	1,041	1,041	1,041	1,041	1,041	1,041	11,484	
Mackerel, Horse.....	344,814	88,029	2,562	898	23,350	22,733	18,571	159,727	5,635,090	2,123,011	2,511,091	1,768,362	12,694,579	
Mackerel, Pacific.....	6,519,725	1,339,911	229,181	138,505	284,225	146,098	287,772	1,661,667	22,275,444	22,577,099	14,968,528	12,168,127	82,913,683	
Mullet.....	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	12,231	
Porch.....	1,769	1,142	2,654	7,849	1,003	328	1,155	686	296	834	1,494	557	20,185	
Pompano, California.....	1,500	1,227	4,300	4,473	8,183	28,751	27,799	9,279	153	187	20	892	8,892	
Rock Bass.....	9,831	4,322	4,300	4,473	8,183	28,751	27,799	9,279	153	187	20	892	12,549	
Rockfish.....	4,065	1,621	1,621	1,621	1,621	1,621	1,621	1,621	1,621	1,621	1,621	1,621	22,792	
Soldierfish.....	2,793	154	85	85	85	85	85	85	85	85	85	85	1,703	
Sand Dab.....	153	437	3,513	1,392	435	284	146	104	13	329	6,809	
Sardine.....	53,278,152	13,374,114	804,945	29,056	53,895	33,405	4,665	12,070	511,444	149,347,983	55,127,307	85,451,112	359,050,277	
Sculptor.....	8,172	1,628	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	770	
Sea-bass, Black.....	489	429	527	432	11,468	1,268	935	4,033	2,097	170	70	90	22,008	
Sea-bass, White.....	81	2,154	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	6,175	11,986
Shark.....	22,133	10,606	31,514	39,445	62,327	91,015	107,514	91,196	35,350	15,094	14,533	45,1	553,940	
Sheepshead.....	4,518	4,009	4,501	11,657	5,860	1,389	9,961	2,694	215	290	7,454	53,650		
Shorefish.....	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	2,231	
Sole.....	18,398	12,575	15,742	15,735	8,797	6,445	6,489	9,632	11,146	16,413	14,842	16,103	150,611	
Sole, California.....	993	713	1,204	493	696	757	1,395	1,395	453	57	120	142	7,464	
Swordfish, Broadbill.....	80	2,117	35,888	57,011	48,121	90,771	50,683	6,570	97,570		

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	DIVISION OF FISH AND GAME
Anchovy.....	89,000	1,456	9,710	24,284	42,060	27,011	19,280	295,640	1,442,231	763,375	57,608	158,556	2,930,311	3,232
Barracuda.....	21,345	43,998	89,156	109,977	525,480	652,793	269,012	83,984	2,570	2,793	309	58	1,900,772	33
Cabon.....	12	21
Carp.....	35	584	87	250	9	296	315	22	183	936	2,692	3,112
Catfish, Pacific.....	Ed.
Flounder.....	41	26	103	208	229	105	58	773	3,112
Flying Fish.....	145
Hake.....	118	24	5	30	3,016	66
Hallibut, California.....	39,023	106,226	134,497	62,259	25,589	11,145	9,789	8,242	2,362	2,576	6,282	19,057	421,420	11,145
Kingfish.....	4,000	1,051	1,041	1,041	1,041	1,041	1,041	1,041	1,041	1,041	1,041	1,041	1,041	1,041
Mackerel, Horse.....	344,814	88,029	2,562	898	23,350	22,733	18,571	159,727	5,635,090	2,123,011	2,511,091	1,768,362	12,694,579	11,649
Mackerel, Pacific.....	6,519,725	1,339,911	229,181	138,505	284,225	146,098	287,772	1,661,667	22,275,444	22,577,099	14,968,528	12,168,127	82,913,683	12,168,127
Mullet.....	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Perch.....	1,769	1,142	2,654	7,849	1,003	328	1,155	686	296	834	1,494	557	20,185	557
Pompano, California.....	1,500	1,227	4,000	1,000	21,716	28,751	27,769	9,279	153	187	20	8,892	8,892	8,892
Rock Bass.....	9,831	4,322	4,300	4,473	8,183	28,751	27,769	4,260	4,260	4,260	4,260	4,260	11,540	11,540
Rockfish.....	4,053	1,621	1,621	1,621	1,621	1,621	1,621	1,621	1,621	1,621	1,621	1,621	1,621	1,621
Soldierfish.....	5,293	514	851	851	851	851	851	851	851	851	851	851	851	851
Sand Dab.....	153	437	3,513	1,392	435	284	146	1,041	1,041	1,041	1,041	1,041	1,041	1,041
Sardine.....	53,278,152	13,374,000	804,942	29,056	53,895	33,095	4,665	12,070	311,144	149,347,983	55,127,307	85,451,112	359,050,277	359,050,277
Sculpin.....	8,172	1,628	4,000	4,000	4,000	4,000	4,000	4,000	3,027	3,027	3,027	3,027	3,027	3,027
Sea-bass, Black.....	489	429	527	432	11,468	1,268	935	4,033	2,097	170	70	90	22,008	22,008
Sea-bass, White.....	81	2,154	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Shark.....	22,153	10,606	31,514	39,445	62,327	91,015	107,514	91,196	35,380	15,094	14,533	45,1	553,940	553,940
Sheepshead.....	4,518	4,009	4,501	11,657	5,860	1,389	9,961	2,694	215	290	7,454	53,650	53,650	53,650
Shorefish.....	988	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Sole.....	18,398	12,575	15,742	17,735	8,797	6,445	6,458	9,632	11,146	16,413	14,842	16,103	150,611	150,611
Sole, California.....	993	713	1,204	493	696	757	1,390	453	57	120	142	7,464	7,464	7,464
Swordfish, Broadbill.....	80	2,117	35,888	57,011	48,121	90,771	50,683	6,570	97,570	97,570	97,570

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	DIVISION OF FISH AND GAME
Barracuda.....	78,446	72,020	168,526	130,731	26,317	46,319	99,807	120,140	109,094	95,299	5,425	1,063,007		
Catfish, Channel.....	132	2,903	32,455	21,019	12,400	7,225	22,608	12,032	8,319	31,099	7,248	160,201		
Cobia, Mexican.....						605						605		
Grouper.....						758	111					1		
Halibut, California.....						17,173	15,552	18,636	22,850	28,638	42,359	24,309	182,811	
Mackerel, Spanish.....	100	10,701	5,756			543	340				2,371	5,907	600	
Mullet.....						2,021							7,861	
Perch.....						1,856							4,092	
Rock Bass.....	1,543	130		732	280	343		1,400			1,778	115	215	
Rockfish.....						1,020							1,983	
Sea-bass, Black.....	31,203	3,927	23,154	45,055	35,505	5,449	18,746	10,036	22,513	22,681	5,509	1,619	226,441	
Sea-bass, White.....						220	1,348		8,429	10,770	89,768	12,572	118,111	
Shark.....						65	140				70		281	
Sherpahead.....	103					617	435	373					1,326	
Sole.....						297		1,011					1,173	
Swordfish, Broadbill.....													8,567	
Tuna, Bigeye.....								42,051	225,557	68,575	51,051	68,158	45,744	
Tuna, Bonito.....	8,300	43,675	154,206	255,384	769,560	855,377	1,842,144	207,479	63,302	193			1,034,423	
Tuna, Skipjack.....	5,416	22,977	108,221	2,700,000	1,083,100	851,200	1,083,100	1,083,100	61,500	207,479	63,302	193	3,834,423	
Tuna, Yellowfin.....	58,807	1,140,071	1,400,678	2,033,450	7,429,787	1,789,133	2,265,067	1,864,892	1,457,071	1,133,318	527,223	1,017,692	22,169,190	
Whitefish, Ocean.....	1,042					1,048	1,200				10	207	3,041	
Yellowtail, Ocean.....	2,270		65,117	12,550	10,717	112,726	304,063	303,563	2,536	609,77	50,419	86,723	1,942,572	
Miscellaneous Fish.....	476					170	100						746	
Crustacean:														
Lobster, Spiny.....		2,707	628	3,137									6,472	
Mollusk:														
Clam, Pismo.....	585,064	745,520	650,728	1,270,176	653,632	1,140,088	1,307,000	1,266,700	281,384	704,144	1,172,112	1,862,584	11,719,792	
Total pounds.....	778,831	2,311,089	2,546,385	6,565,207	10,144,768	4,783,07	6,501,671	4,879,021	4,339,382	2,730,372	2,242,570	3,228,925	51,047,245	

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, Los Angeles Region.....	62,014,255	17,948,143	4,056,983	8,005,356	15,324,045	10,042,032	11,620,987	10,639,463	36,630,083	178,374,624	76,186,893	103,054,988	533,597,774

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	20,130	4,228	35,307	10,534	134,626	115,392	39,441	2,793	28	17,690	15,115	2,793	448,250
Barracuda	561
Catfish, Black	64,145
Halibut, California	12,082	9,671	15,715	9,143	10,850	1,935	1,760	...	123	475	705	898	700
Kingfish	18	148	18	21	114,125
Mackerel, Pacific	26,240	12,600	3,000	11,320	10,052	16,098	6,115
Mullet	24,590	2,968	22,122	9,647	16,478	3,960	338	4,620	2,750	10,995	87,804
Rock Bass	5,175	1,357	924	594	1,284	3,000	4,640	7,340	268	63	519	25,283	10,263
Rockfish	2,945	2,653	1,047	930	1,010	460	10,263
Sardine	1,530,307	18,220	887	...	305	745,545	1,295,555	3,597,219
Sailfish	10
Sea-bass, Black	714	41	1,262	...	291	3,537	450	290	25	6,584
Sea-bass, White	14	18	61	1,553	1,037	523	1,860	1,446	6,550
Shad	6,780	2,147	7,038	12,010	35,260	26,400	57,500	50,400	6,000	627	1,322	11,820	160,945
Sheepshead	1,289	83	1,053	655	350	...	53	42	78	777	2,398	707	7,442
Severns	13,570
Tuna, Bonito	25	408	2,449,285	967,535	575,444	415,014	51,796	6,321	4,645,639
Tuna, Albacore	43,424
Tuna, Bluefin	54,248	574,829	32	77	16,483	188	62,895	45,995	45,287
Tuna, Skipjack	11,450	21	1,210	1,831	2,100	1,040	38,285	15,715
Tuna, Yellowfin	39,639	45,037	...	84	146	1,819	1,438	48	23,720
Whiting, Ocean	6,441	890	3,714	470	50	807	643
Yellowtail	20,455	85	29	71	...	402	580	897	1,171
Miscellaneous Fish	4	38	20	25	263	131	73	61	15	...	11
Cephalopods:
Lobster, Spiny	28,451	14,471	7,294	67,558	40,138	40,859	198,771
Mollusk:	2,920
Squid:	2,920
Total pounds	1,087,462	62,032	101,437	130,593	292,029	761,110	2,564,074	1,009,685	611,331	509,394	935,677	1,435,419	10,171,223

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 pounds	COMMERCIAL FISH CATCH OF CALIFORNIA
Barracuda.....	11,254	15,100	129,109	30,394	15,989	1,287	592	11,025	21,546	10,482	6,517	14,546	267,841	11,217
Cabilla.....	8,858	11,473	10,535	2,826	2,277	1,465	48,708	39,393
Codfish, Mexican.....	800	87	87
Cuttle, Pacific.....	6,438	63,977
Grouper, California.....	2,635	6,148	32,751	18,227	2,485	5,055	55	4,402	18,227
Hake, California.....	7,444	39,552	17,915	7,451	111	22,608	31,535	22,887	104	14,464	6,880	21,535	188,277	188,277
Kingfish.....	381	77	144	144	19	477	477
Mackerel, Bonito.....	872	175	1,402	1,402
Mackerel, Spanish.....	2,167	2,965	329	50	315	424	602	2,355	41,916
Rock Bass.....	1,379	7,085	3,441	9,234	6,414	5,008	5,809	75	152	11,531	11,531
Rockfish.....	300	550	765	765
Sardine.....	215	111	111
Sealip.....	1,111	881	11	850	177,881	177,881
Sea-bass, Black.....	12,009	20,908	16,830	18,110	29,072	27,008	19,020	6,665	1,864	118	2,047	23,533	266	21,552
Sea-bass, White.....	557	697	651	947	8,915	44	83	8,252	259	1,510	41	124	11,171	11,171
Shark.....	92	2,071	1,021	6,020	559	10,322	10,322
Sheepshead.....	1,110	2,201	1,326	1,658	323	1,290	200	190	23	315	1,517	769	1,517	1,517
Smelt.....	195	11	11
Strewnfish, Broadbill.....	6,266	30,881	67,565	129,255	60,057	6,440	299,428
Tuna, Albacore.....	212	163,822	1,452,283	3,702,731	1,370,186	1,017,482	447,769	8,654,600
Tuna, Bonito.....	1,820	1,820	1,820	1,820	16,710	30,645	1,777	1,777	1,777	1,777	1,777	1,777	1,777	1,777
Tuna, Skipjack.....	3,869	26,569	14,484	121	6,291	2,707	3,351	1,773	5,639	32,369	35,264	161,085	298,423	298,423
Tuna, Skipjack.....	638,808	1,244,584	862,277	1,204,101	836,265	707,227	1,655,241	3,410,105	2,475,091	3,818,610	2,277,350	2,140,132	21,654,780	21,654,780
Tuna, Skipjack.....	1,382,103	3,467,563	1,095,653	1,095,653	3,262,103	1,095,653	4,831	4,831	4,831	4,831	4,831	4,831	4,770,588	4,770,588
Whiting, Ocean.....	1,807	21,019	14,902	9,927	11,030	4,851	2,027	109	109	22,319	59,839	64,545	67,289	67,289
Yellowtail, Ocean.....	67,404	69,767	24,455	12,851	83,790	151,051	67,195	210,733	980,397	980,397
Miscellaneous Fish.....	11	11	11
Crustacean:
Lobster, Spiny.....	116,101	85,996	88,787	16,155	6,556	7,401	80,301	400,991	400,991
Total pounds.....	2,341,021	4,735,371	4,835,817	3,290,682	4,405,082	3,068,736	6,261,229	12,029,603	8,826,656	10,606,700	5,540,836	7,597,665	73,699,398	73,699,398

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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, San Diego Region.....	3,926,463	4,797,403	4,937,254	3,201,275	4,887,111	3,810,946	8,835,303	15,120,258	9,549,437	12,047,718	8,877,873	9,833,084	85,315,045

TABLE 47 [continued]

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

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

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

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