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**STATE OF CALIFORNIA DEPARTMENT OF NATURAL RESOURCES
DIVISION OF FISH AND GAME BUREAU OF MARINE FISHERIES
FISH BULLETIN No. 57**

The Commercial Fish Catch of California for the Years 1936–1939, Inclusive



BY
*THE STAFF OF THE
BUREAU OF MARINE FISHERIES*
1940



FIG. 1. The statistical building of the California State Fisheries Laboratory, Terminal Island. Expansion of the statistical program necessitated the erection of this \$30,000 two-storied building which was first occupied in January, 1937. It provides working space for the statistical staff and the tabulating equipment as well as a fireproof vault for the storage of the records. In addition to statistics on the commercial fisheries, there have been added the marine sport catch, the anglers' catch from inland waters, the game kill and the detailed deer kill record.

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FOREWORD

Sixth in a series of bulletins dealing with the commercial fish landings in California, this issue is designed to make public these statistical records for the years 1936 to 1939, inclusive. Added to its scope are notes on the marine sport catch, records for which were available for the first time in 1936.

The publication is the work of members of the staff of the Bureau of Marine Fisheries of the Division of Fish and Game, particularly of the statistical unit of the California State Fisheries Laboratory. The cooperation of the Division's Bureau of Patrol and Law Enforcement in the collection of the original material is gratefully acknowledged.

October, 1940

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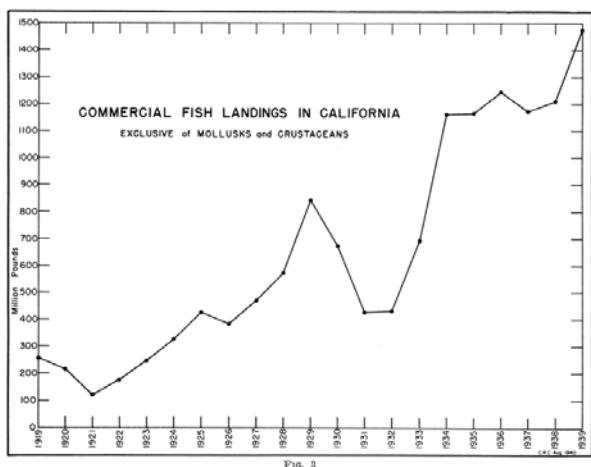
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FIG. 2

(7)

FIG. 2



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FIG. 3

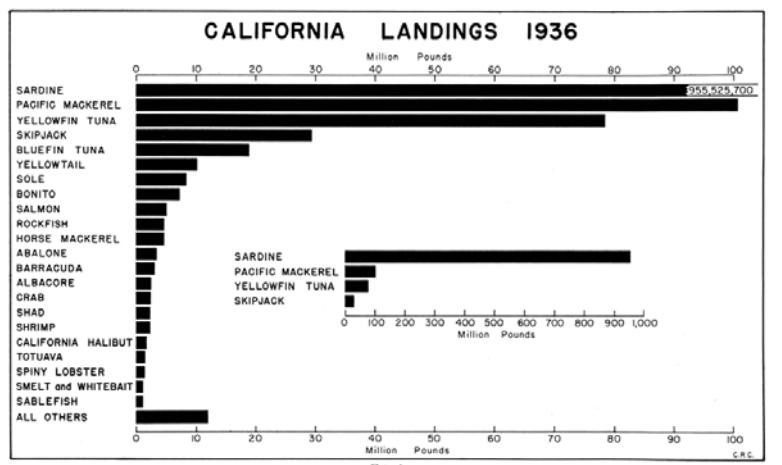


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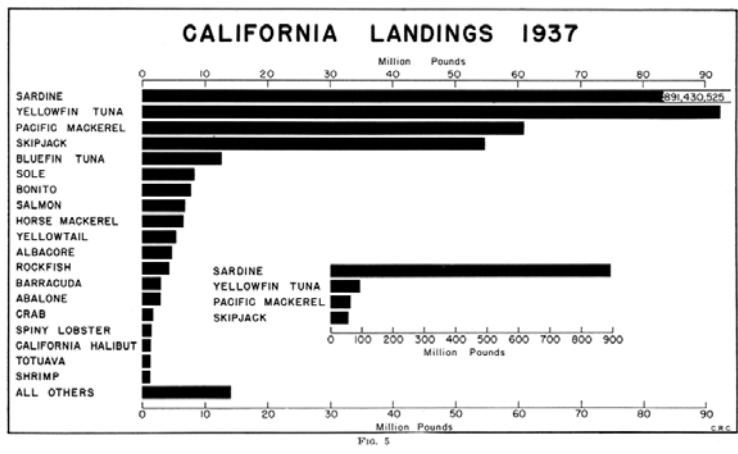


FIG. 5

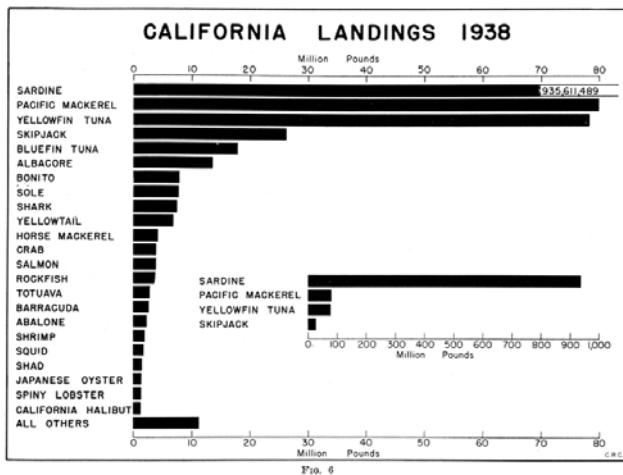


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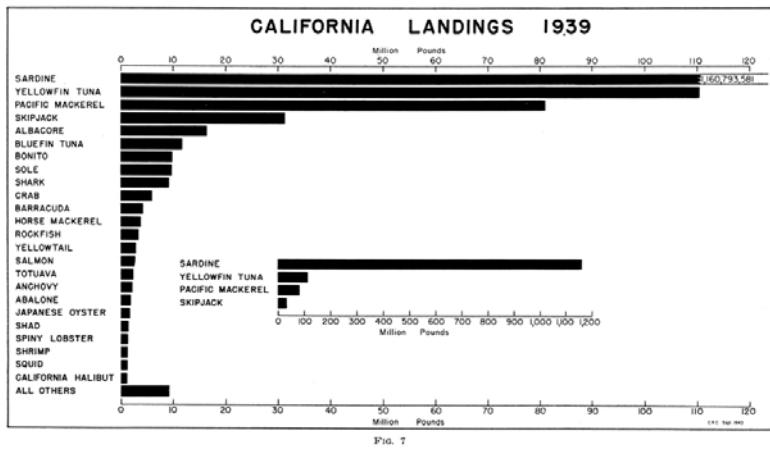


FIG. 7

1. TRENDS IN THE COMMERCIAL FISH CATCH OF CALIFORNIA, 1936-1939

The commercial fish catch of this State for the last twenty-five years has been dominated by those species caught in great quantities for preservation by canning. It is this huge cannery catch that has made California the leading state of the Union in volume of fish harvested from the sea. It follows, therefore, that major changes from year to year in this volume are to be explained by changes in the catch of relatively few species that are delivered to packing plants. Of these species, the sardine dominates the picture because the catch of this one fish is more than double the take of all other varieties combined. The total catch of the State usually is determined by changes in the deliveries of this one species so that the picture of the State's total as shown in figure 3 is practically the trend of the sardine catch. The landings of mackerel and the various kinds of tuna bulk large but are secondary to the great volume of sardines unloaded at the canneries and reduction plants.

Because of increased utilization of fish for canning, the total catch of the State has increased greatly since the depression years of 1931 and 1932. (See Fig. 3.) The average annual catch for the last four years (1936-1939) has been 1,287,000,000 pounds, as compared to 877,000,000 pounds for the four preceding years (1932-1935) and the 1939 catch of 1,486,000,000 pounds is the greatest in the history of the State. This increase is chiefly due to an enlarged fleet of purse seiners for sardine fishing and additional refrigerated boats for the catching of tuna.

We request the reader to remember that the catch represents fish removed from the water, not the supply in the sea. Increased catch may be the result of increased fishing effort and not of increased abundance in the ocean. In fact a large catch often is made in spite of declining abundance of fish up to the point where the supply fails and the fishery suffers a collapse.

The highlights of the fish catch for the last four years have been: (1) the continued landings of sardines in huge amounts with a 1939 catch of more than a billion pounds, (2) a substantial increase in the deliveries of yellowfin tuna to a peak of 110,400,000 pounds in 1939, and (3) a significant decline in the catch of mackerel in spite of increased fishing effort. Two lesser fisheries have displayed spectacular features, one a revived fishery for albacore and the other an entirely new development—the shark fishery.

The albacore, prior to 1926, was one of the State's leading fisheries but for a period of 12 years thereafter the catch did not exceed 5 million pounds. In 1938 this catch jumped to more than 13 million pounds, and the 1939 catch was over 16 million. The local catch off our own State was materially augmented by fish caught in the waters off

Oregon and Washington. There was also a considerable fishery developed at Monterey, whereas in former years the landings at that port were only nominal.

The new development was the sudden change from regarding sharks as a useless nuisance to a scramble among fishermen to capture these newly valuable fishes. The explanation lies in the discovery that sharks in general and soupfin sharks in particular contain in their liver oil a high potency of vitamin A, so much desired for use in fortifying other oils that are used in stock foods. In former years the shark catch of the State was less than a million pounds annually, but after this discovery the 1938 catch jumped to 7½ million pounds, followed in 1939 by a catch of more than 9 million. The price of soupfin sharks has soared to as much as \$200 a ton.—*W. L. Scofield*.

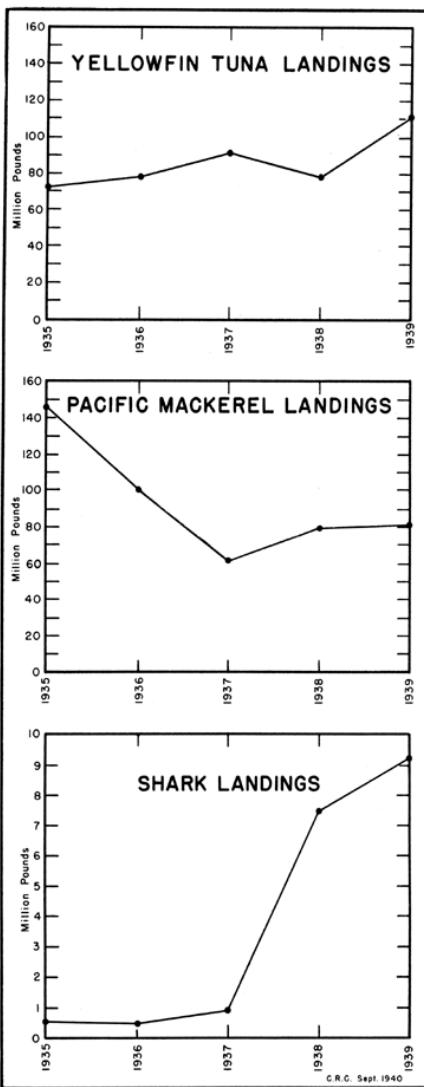


FIG. 8. The construction of many new tuna boats of 300- and 400-ton capacity has made possible the increase in yellowfin tuna landings. Despite many additions to the mackerel fleet, the increased effort has not brought commensurate returns and unless added protection is given to the mackerel this species will be relegated to commercial oblivion. Increased demand for shark livers which contain vitamin A is reflected in the skyrocketing shark catch.

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2. SPORT FISHING CATCHES

Although this bulletin is concerned primarily with commercial catches it should not be inferred that market and cannery landings account for the entire volume of the fish caught along the California coast—far from it. Sport fishermen in ever increasing numbers are turning to ocean fishing and their catches of some species now actually exceed commercial catches.

During the last twenty years a considerable sport fishing industry has sprung up on our coast, particularly in southern California. There are now several hundred boats, the only or principal occupation of which is to take out fishing parties. As the growth of this fishery was observed, it became apparent to the California Division of Fish and Game that no study of fish catches could be complete without including a measure of the catches made by the anglers. It was obvious that commercial catch records dealt with only a portion of the fish taken and that sportsmen's catches, composed of the same species, played an important part in the general picture of fish abundance and utilization. Consequently, preliminary work on obtaining party boat catch records was started in 1932, and on the passage of necessary legislation a full-fledged program was inaugurated in 1936. Under the terms of the law enacted by the 1935 Legislature, all boats carrying fishermen for hire must keep daily records of their operations. As at least 80 per cent of the fish caught by sportsmen is taken on these boats, their records give an excellent idea of the magnitude of ocean sport fishing as well as providing a sound basis for formulating management policies.

A brief summary of the catches made from the various kinds of passenger fishing boats and barges that operate in ocean waters is presented in the accompanying table. It must be remembered that the figures do not include the catches of anglers fishing from the shore, piers or private boats.—*Richard S. Croker.*

TABLE 1
Ocean Catches of Sportfishing Boats Operating in California*—Pounds of Fish Reported

Species	1936	1937	1938
Barracuda	2,399,177	2,991,501	1,636,074
Yellowtail	1,231,795	821,699	646,905
Rock Bass and Kelp Bass	705,114	470,518	901,488
Pacific Mackerel	480,384	565,437	543,621
Rockfish	309,467	410,168	427,662
California Halibut	322,277	254,249	207,452
White Sea-bass	132,550	117,767	163,131
Tuna, Yellowfin	345,994	25,545	15,096
Tuna, Bonito	97,610	192,771	55,776
Tuna, Bluefin	49,773	65,695	226,161
All others	290,886	488,175	537,982
Totals	6,365,027	6,403,525	5,364,348

* Includes catches made by California boats fishing in Mexican waters.

TABLE 1
Ocean Catches of Sportfishing Boats Operating in California—Pounds of Fish Reported

3. COMMERCIAL FISHERMEN

There has been a steady increase in the number of licensed commercial fishermen operating in California waters over the past four-year period. Part of this is an actual increase but some credit for the mounting license sales must be given to the marine patrol with its fleet of new boats and its closer check on the fishermen. Sport fishermen and small pleasure boat owners in growing numbers are finding it profitable to sell their excess catches, and to do so legally they must have commercial fishing licenses. The revived runs of albacore and

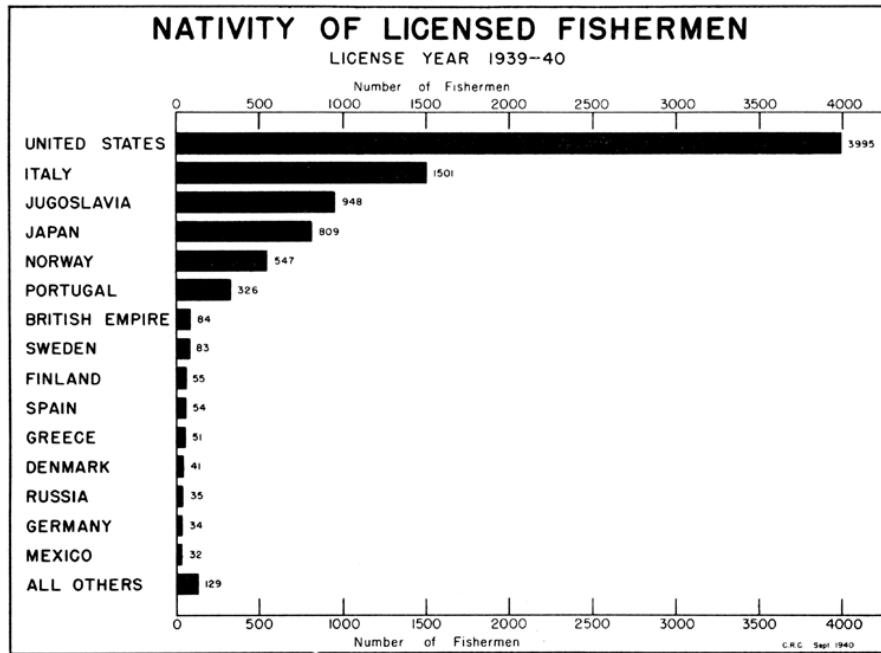


FIG. 9

FIG. 9

the operation of small craft in the mackerel fishery account for some of the additional fishermen in recent years.

The Santa Barbara region is small compared with others but it has made the greatest percentage gain in the numbers of fishermen operating there—over 45 per cent for the past four years. Fishing activities have increased in the waters off San Luis Obispo, Ventura and Santa Barbara counties for several reasons. The rockfish and abalone fishermen from Monterey have found it necessary to fish farther south, the Los Angeles fishermen have gone north for albacore, a large number of fishermen have entered the new shark fishery, and improvements in the harbor at Port Hueneme have encouraged the local fishermen.

Because of the general world-wide unrest, there is a great deal of interest in the nativity of the fishermen operating in our coastal waters. But the presentation of this record in the accompanying chart and tables has not been motivated by foreign wars, State legislation proposed in connection with foreign born fishermen, and exaggerations in current magazine articles of the number of Orientals fishing in California. Nativity records have been routine for years, since only one-third of the commercial fishermen give the United States as their birthplace and it happens that the type of gear and the place of birth go hand in hand with some fishing practices.

Citizenship as well as nativity is of interest, but in the past we have not had a record suitable to use in official reports. We know that the number of fishermen who report that they have taken out first and second citizenship papers increases each year. For the 1939-1940 license year the percentage of citizens among the foreign born fishermen was high; the detailed citizenship record is shown in table 2.

TABLE 2
1939-1940 Licensed Commercial Fishermen

Nativity or race	Citizenship not stated	Alien	First papers	Full citizenship	Total fishermen
United States (less Orientals).....					
Italy.....	115	273	536	3,748	3,748
Japan.....		807		577 (38%)	1,501
Jugoslavia.....	45	21	219	213 (21%)	1,020
Norway.....	5	5	104	663 (70%)	948
Portugal.....	14	140	46	433 (79%)	547
China.....		1		126 (39%)	326
All other foreign born.....	52	101	134	308 (52%)	39
Total fishermen.....	231	1,348	1,039	6,106	8,724

TABLE 2
1939-1940 Licensed Commercial Fishermen

In figure 9 and tables 3 and 4, fishermen born in the United States of Oriental parents are included under the United States classification, as this is the country of their nativity and by reason of their birth here they have attained full citizenship rights. To complete the picture, we list the American fishermen with Oriental parents:

	Fishermen born in the United States of Chinese parentage	Japanese parentage
1936-1937	46 111	
1937-1938	39 131	
1938-1939	43 177	
1939-1940	38 213	

Each year fishermen come south from Alaska, Washington and Oregon to fish commercially in California waters. These men have been included in the nativity tables and in figure 9, and the segregation by place of residence for the four-year period is:

	Alaska	Washington	Oregon	Total out-of-state fishermen
1936-1937	10	426	30	466
1937-1938	5	469	53	527
1938-1939	4	293	12	309
1939-1940	18	383	31	432

The commercial fishing license year runs from April 1 of one year through March 31 of the next, and for that reason the records are given

for the license year rather than the calendar year. The license fee is \$10 for citizens and aliens alike.—*Geraldine Conner.*

TABLE 3
Number of Commercial Fishermen, License Year 1939-1940

Region of residence	Nativity	Number
Del Norte and Eureka.....	United States	153
	Finland.....	36
	All others.....	68
	Total	257
Sacramento.....	United States	244
	Italy.....	149
	Greece.....	27
	All others.....	28
	Total	448
San Francisco.....	United States	451
	Italy.....	436
	Norway.....	257
	Jugoslavia.....	97
	Japan.....	54
	All others.....	92
	Total	1,387
Monterey.....	United States	551
	Italy.....	414
	Japan.....	71
	Spain	38
	All others.....	89
	Total	1,163
Santa Barbara.....	United States	233
	All others.....	65
	Total	298
Los Angeles.....	United States	1,509
	Jugoslavia.....	755
	Japan.....	538
	Italy.....	215
	Norway.....	57
	All others.....	195
	Total	3,269
San Diego.....	United States	710
	Portugal.....	265
	Italy.....	262
	Japan.....	145
	Mexico.....	26
	All others.....	62
	Total	1,470
Alaska, Washington and Oregon fishermen licensed in California.....	Norway	197
	United States	153
	Jugoslavia.....	64
	All others.....	18
	Total	432
Total licensed fishermen, 1939-1940.....		8,724

TABLE 3 Number of Commercial Fishermen, License Year 1939-1940

TABLE 4
Nativity of Commercial Fishermen

1936-1937		1937-1938		1938-1939		1939-1940	
Country of birth	Number of fishermen	Country of birth	Number of fishermen	Country of birth	Number of fishermen	Country of birth	Number of fishermen
United States	2,625	United States	2,662	United States	3,204	United States	3,955
Italy	1,307	Italy	1,303	Italy	1,407	Italy	1,561
Japan	496	Japan	494	Japan	545	Japan	546
Jugoslavia	822	Jugoslavia	891	Japan	572	Japan	809
Norway	499	Norway	521	Norway	482	Norway	547
Portugal	225	Portugal	210	Portugal	202	Portugal	226
Finland	73	Finland	100	British Empire	81	British Empire	54
Bulgaria	69	Bulgaria	72	Greece	62	Greece	53
Sweden	62	Sweden	55	Finland	55	Finland	55
Spain	56	Greece	55	Spain	54	Spain	24
Hungary	53	Hungary	51	Russia	44	Russia	51
Greece	50	Spain	46	Russia	42	Denmark	41
Iraq	48	Iraq	46	Denmark	36	Russia	35
Germany	34	Mexico	43	Mexico	36	Iraq	34
Mexico	26	Germany	38	Germany	35	Mexico	32
All others	101	All others	129	All others	125	All others	129
Total licensed fishermen	6,081		7,665		7,793		8,724

TABLE 4
Nativity of Commercial Fishermen

4. COMMERCIAL FISHING FLEET

The census of the commercial fishing fleet shows a steady increase in the types and sizes of boats following the fisheries which are on the up-grade or which are at the height of activity. The mackerel fishery in the south has brought out almost every small craft that can float. All along the coast the boom in the shark fishery has been the reason for recommissioning many old boats and building new ones. Many new purse seiners were built for the sardine fishery. Perhaps the greatest increase was caused by the number of pleasure boats which were refitted for commercial fishing or whose equipment was increased to permit their use in a semicommercial capacity as party fishing boats. These boats ferry paying guests to the fishing grounds and the excess catches are sold to the markets when the boats return to port. In 1935 a law was enacted requiring operators of fishing party vessels to obtain a permit from the Division of Fish and Game. In 1937 the law was amended to include boats operating on inland waters, and the number of boats requiring permits has more than doubled in the past four years.

1936	266
1937	417
1938	574
1939	568

The commercial fishing boat registration follows the commercial fishing license year from April 1 of one year through March 31 of the next, but the party permit is issued on the basis of the calendar year.—*Geraldine Conner.*

TABLE 5
Commercial Fishing Fleet

Region of home port	Number of boats operating in California			
	1936-1937	1937-1938	1938-1939	1939-1940
Del Norte-Eureka	187	199	205	206
Sacramento.....	243	270	319	283
San Francisco.....	471	485	563	538
Monterey.....	321	331	345	391
Santa Barbara.....	120	109	130	156
Los Angeles.....	879	953	1,027	1,071
San Diego.....	290	307	318	320
Alaska, Washington and Oregon.....	148	186	149	145
Mexico and Panama.....	1	3	1	0
Totals.....	2,660	2,843	3,057	3,110

TABLE 5
Commercial Fishing Fleet

TABLE 6
Commercial Fishing Fleet, 1939-1940

Region of home port	Number of boats, grouped by length in feet					Total number of boats from each region
	Up to 24 feet	25 to 39 feet	40 to 64 feet	65 to 84 feet	85 feet and over	
Del Norte-Eureka.....	13	172	21	-----	-----	206
Sacramento.....	115	163	5	-----	-----	233
San Francisco.....	32	413	63	25	5	538
Monterey.....	122	173	41	54	1	391
Santa Barbara.....	50	84	21	1	-----	156
Los Angeles.....	228	492	195	118	38	1,071
San Diego.....	48	117	76	28	51	320
Alaska, Washington and Oregon.....		31	35	72	7	145
Total number of boats in each length group.....	608	1,645	457	298	102	3,110

TABLE 6
Commercial Fishing Fleet, 1939-1940

5. TABLES OF COMMERCIAL FISH LANDINGS IN CALIFORNIA, 1936-1939

5.1. Contents of Tables

The tables of commercial fish landings in California during 1936, 1937, 1938 and 1939 contain, as they have in the past: (1) the record of fresh and frozen commercial fish¹ landed in California by the fishing boats making the catches, (2) the record of shipments of fresh and frozen fish from other states and foreign countries to California canneries, and (3) the record of shipments of fresh and frozen fish from other states and foreign countries to California fresh fish markets.

State laws which require the reporting of the first two records to the Division of Fish and Game insure their completeness. The third, which is reported voluntarily, is incomplete. Some of the fresh and frozen fish shipments from other states and foreign countries which the tables do not include are: crab and crayfish from Oregon; salmon and halibut from Oregon, Washington and Alaska; clams and oysters from Oregon and Washington; shrimp from Washington, Alaska and the Gulf of Mexico (only a very small proportion of the shrimp from the Gulf of California is reported); farm-raised trout from western states; fresh-water fish from the Great Lakes and Mississippi River; haddock and other filleted fish from the Atlantic Coast; spiny lobsters from the West Indies and South Africa; and swordfish from Japan.

There are several other unreported items which do not fall into any of the three classifications mentioned above, but which are large in amount and are mentioned here so that the reader may have an idea of the limitations of the tables as well as of their extent. These are:

1. Codfish caught in Alaska waters and landed in a salted state in the San Francisco region during 1936 and 1937. The packing plant² which received this fish was destroyed by fire in November, 1937, and deliveries ceased at that time.

2. Sardines delivered to floating reduction plants operating outside the State's jurisdiction (beyond the three-mile limit) during 1936, 1937 and 1938. In December, 1938, these floating plants established shore locations, and since then their receipts of fish have been reported and have been included in the tables of landings.

3. Sardines, anchovies and other small fish caught for live bait. These fish are used immediately, delivered on the fishing grounds to other boats, or put in floating live boxes from which they are taken as needed. As these fish are not brought ashore, they have not been included in the tables of landings and until 1939 no record was made of these catches. In that year bait boat operators began to report their catches to the Division of Fish and Game. They are tabulated separately from the commercial fish landings.

¹ Including mollusks and crustaceans; amphibians and reptiles (2,638 pounds of turtle in 1936; 3,322 pounds in 1939) are excluded.

² Union Fish Company plant at Belvedere on San Francisco Bay.

5.2. Explanatory Notes

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

Del Norte and 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.

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.

Some fish which might appear to have been taken out of season are included in the tables. Small amounts of fish shown in the tables, as landed during the month following the close of the season, were probably caught at the end of the open season and sold within the ten-day period of grace allowed for their disposal after the close of the season. The instances where large amounts of fish are shown landed out-of-season may be explained as follows:

Salmon landed in the San Francisco region during September, 1938, were legally caught from September 10 to 18, 1938. During that period a court order secured by a fishermen's association restrained the Division of Fish and Game from enforcing the closed season.

Crabs landed in the Del Norte and Eureka region during November, 1938, were caught in the San Francisco region where the season was open.

Crabs landed in the Del Norte and Eureka region during September, 1938, and September, 1939, were caught during the open season and held in live boxes until there was a market demand for them.

The following conversion factors are used when shellfish are reported in numbers rather than in pounds: crab, 2 pounds each; abalone, 50 pounds per dozen; gaper clams, 2 pounds each; Pismo clams, 24 pounds per limit of 15; Washington clams, 6½ pounds per dozen; eastern oysters, 30 pounds per hundred; Japanese oysters, 50 pounds per hundred, 8 pounds per gallon cleaned.

5.3. Changes in Form of Tables

"The old order changeth, yielding place to new," is true even of methods of presentation of fisheries statistics. The following tables differ in form from those already published for previous years, although they are the same in content. The changes in form are:

1. Combination in the regional tables of Del Norte with Eureka.

After the closing of the Klamath River to commercial fishermen in 1934, the Del Norte region ceased to represent a distinct geographical fishing area and became more like an extension of the Eureka

region. Because of an expected development of the fisheries at Crescent City, the two regions were tabulated separately during 1934 and 1935. However, as this development has failed to materialize, there now seems to be no reason for the continued separation of the two regions.

2. Separation in the regional tables of fish landed by the boats making the catches (fishing boat landings) from fresh fish brought into the State by other means (shipments).

This has been done because the record of the fishing boat landings is required by law and is quite complete; whereas the record of shipments is furnished voluntarily and is incomplete, except for shipments to canneries which have to be reported for taxation purposes.

3. Combination in the origin table of all fishing areas south of the international boundary (Mexico-United States).

As most of the fish caught south of the boundary can not be allocated to one definite area, the incomplete figures for separate areas were judged to be of little value.

In the 1938 and 1939 tables the result of one important change in method of tabulation can be observed: a decrease in the flatfish landings in the San Francisco region and a corresponding increase in the Del Norte-Eureka and Monterey regions. This has occurred, not because of a sudden shift in the landings of these species from the San Francisco region to the other two, but because of a change in the method of tabulation of the San Francisco trawler fleet catches. This fleet, which is responsible for practically all of the northern California flatfish landings, puts its catches ashore at many landing depots from Crescent City to Monterey, from which points the fish go overland to San Francisco where the business is transacted at the headquarters of the trawler fishing companies. Before January 1, 1938, these landings were all credited to the San Francisco region, their final destination. Beginning with that date, they have been credited to the region in which they are first landed, whether Del Norte and Eureka, San Francisco or Monterey.—*Dorothy Wilson Gay*.

ORIGIN OF COMMERCIAL FISH LANDINGS IN CALIFORNIA DURING 1936

Species	California	North of State Boundary	South of International Boundary	Japan	Total pounds
Anchovy	195,122				195,122
Barracuda	2,247,858		729,984		2,977,842
Cabezone	18,388				18,388
Carp			221,767		221,767
Catfish	108,890				108,890
Corbina, Mexican	305,027				305,027
Cultus, Pacific	754,491		82,118		82,118
Dolphin	92		3,909		92
Eel	86				86
Flounder, Starry	621,186				621,186
Flying Fish	55,627				55,627
Grouper			60,535		60,535
Hake	50,791				50,791
Halibut, California	783,158		806,273		1,589,432
Halibut, Northern	523,632				523,632
Hardhead	10,670				10,670
Herring, Pacific	840,530				840,530
Kingfish	631,968		166		632,134
Mackerel, Horse	4,598,182		1,200		4,599,382
Mackerel, Pacific	98,828,135		1,714,079		100,542,214
Mackerel, Spanish			17,992		17,992
Mullet	10,571				10,571
Perch	251,622		120		251,742
Pike	497				497
Pompano, California	7,524		402		7,926
Rock Bass	324,405		91,740		416,145
Rockfish	4,494,442		109,462		4,603,904
Sablefish	1,021,082		14,448		1,035,530
Sailfish	5,021,387				5,021,387
Sand Dab	621,675				621,675
Sardine	955,525,049		651		955,525,700
Sculpin	109,751		746		110,497
Sea-bass, Black	19,854		378,741		398,595
Sea-bass, Short-fin	156				156
Sea-bass, Totuava			1,423,800		1,423,800
Sea-bass, White	564,956		242,823		807,779
Sea-trout, California	59				59
Shad	2,272,989				2,272,989
Shark	457,530		14,331		471,861
Sheepshead	115,986		12,591		128,577
Skate	378,200		3,744		381,944
Sole	830,477		2,034		841,231
Sole	8,324,881		147		8,325,008
Split-tail	29,342				29,342
Sucker	48,051				48,051
Swordfish, Broadbill	552,018		25,384		577,402
Swordfish, Marlin	16,353		292		16,645
Tomcod	4,153				4,153
Tuna, Albacore	945,595	11,176		1,499,233	2,456,004
Tuna, Bluefin	13,808,578		5,116,305		18,924,883
Tuna, Bonito	2,216,679		4,999,237		7,215,916
Tuna, Mebachi				20,370	20,370
Tuna, Oriental				745,052	745,052
Tuna, Skipjack	8,456,751		15,549,354	2,264,925	20,271,030
Tuna, Yellowfin	75,374		77,985,413	8,628	78,372,022
Turbot	116,275				116,275
Whitebait	107,738				107,738
Whiting, Ocean	26,839		19,754		46,603
Yellowtail	253,723		9,838,747		10,002,470
Miscellaneous Fish	177,477		940		178,417
Crustacean:					
Crab	2,311,802				2,311,802
Crab, Rock	16,202				16,202
Lobster, Spiny	414,183		921,676		1,335,859
Shrimp	2,242,710		21,759		2,264,469
Absalone	3,302,195				3,302,195
Clam, Cockle	22,802				22,802
Clam, Gaper	4,490				4,490
Clam, Pismo	209,805				209,805
Clam, Soft-shell	90,971				90,971
Clam, Washington	35,272				35,272
Mussel	750				750
Octopus	62,452				62,452
Oyster, Eastern	318,912				318,912
Oyster, Japanese	310,683				310,683
Oyster, Native	35,669				35,669
Squid	945,439				945,439
Whelk	250				250
Total pounds	1,128,994,317	11,176	123,012,674	4,538,208	1,256,556,375

REGION OF LANDING OF COMMERCIAL FISH LANDINGS IN CALIFORNIA DURING 1936

Species	Del Norte and Eureka Region	Sacramento Region	San Francisco Region	Monterey Region	Santa Barbara Region	Los Angeles Region	San Diego Region	Total pounds
Anchovy.....	2,020		133,050	50,200		29,532		155,122
Barracuda.....			6,237	11,781	47,350	2,253,899	646,600	2,977,842
Catfish.....					312	1,148		1,158
Codfish.....						97,399	124,371	211,767
Carp.....			108,748	30,000			142	108,800
Catfish.....					3,011			3,011
Cobia, Mexican.....						81,101	1,617	82,118
Conger, Pacific.....	201,092		395,092	155,195	143	400	5,985	738,490
Dolphin.....						92		92
Ed.....				56				56
Fusilier, Starry.....			12,839	694,255	3,688			621,185
Flying Fish.....						55,627		55,627
Grouper.....						26,000	39,828	65,828
Hake.....			46,741			4,000		30,791
Hake, California.....			12,356	44,551	263,660	550,434	718,701	1,589,433
Haddock.....			45,657					52,323
Haddock.....	477,975	105,079						106,670
Herring, Pacific.....			5,849	831,908	1,215	225		840,630
Kingfish.....				200,000	100	427,234		624,234
Mackerel, Horse.....			15,460	30,802		4,500,000	61,971	4,569,352
Mackerel, Horse.....			464	44,535	8,415,831	24,216	84,503	10,000,000
Mackerel, Pacific.....								17,892
Mackerel, Sardine.....						15,117	1,523	10,571
Mullet.....						1,660	3,091	23,143
Patch.....			13,333	96,104	44,307	5,000	913	97
Pike.....			497					497
Pompano, California.....					292	1,117		1,117
Pompano, Florida.....					8	16,120	200,342	199,466
Rockfish.....	187,424		861,710	2,619,853	400,981	282,130	231,794	416,145
Salmon.....			1,041	1,041	10	184,550	2,111	4,603,904
Salmon.....			3,479,216	949,179	447,548	144,924	270	1,032,530
Salmon.....							750	3,022,287
Sand Dab.....	271	250	690,877	21,778		8,469		211,473
Sardine.....	164,150		119,020	402,542	1,657	232,933	15,855,950	955,527,700
Sculpin.....					80	216	105,791	4,463
Seal, Ring.....					23	331	295,611	102,424
Sea-lamp, Short-fin.....							156	398,563
Sea-lamp, Tatava.....							156	156
Sea-lamp, Tatava.....								398,563
Sea-trout, California.....	11		4,442	7,681	41	61,579	1,399,163	1,423,900
Shark.....			2,245,491	24,451	41			2,270,989
Shark.....				137,451	3,103	22,211	224,061	52,000
Sheepshead.....						19,398	91,726	17,453
Skate.....				218,783	21,379	15,722	16,790	126,877
							11,609	381,944

Sole...	16,556	350,517	135,217	20,033	275,269	9,099	541,231
Sole, Rock...	7,401	7,812,380	133,733	374,279	7,151	53	5,325,006
Stargazer...	20,247	45,051					20,247
Starter...	45,051						45,051
Swordfish, Broadbill...			44,228	419,228	113,559		377,402
Swordfish, Shortbill...				277	277		144,645
Tomcod...		4,153					4,153
Tuna, Albacore...			42,541	7,753	3,600,038	3,185	2,111,188
Tuna, Bluefin...			22	7,147	17,644,584	1,272,530	18,924,833
Tuna, Bonito...		442		4,176	4,881,003	2,530,290	7,215,916
Tuna, Skipjack...					79	20	20,319
Tuna, Yellowtail...					743,052		743,052
Tuna, Skipjack...				7	11,712,447	17,558,478	29,271,032
Tuna, Yellowtail...				63	30,366,242	54,049,272	75,415,272
Turbot...			105,949	10,574	17,420	24,355	116,575
Whiting...	177,495	13,191	7,069		45	2,147,705	7,944,718
Whitefish, Ocean...					2,360	1,629	10,092,470
Yellowtail...							178,417
Miscellaneous Fish...	7,150	117	162,883	154	6,719		
Total pounds....	3,397,400	167,946,581	137,080,106	414,838,063	3,394,186	409,534,570	1,256,556,375

MONTHLY COMMERCIAL FISH LANDINGS IN CALIFORNIA DURING 1936

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds	
Ashley.....	5		5,600	55,743	20,100	25,575	58,425	35,250	25,415	2,055	15	21	185,122	
Barracuda.....	44,709	144,723	223,121	585,030	282,264	333,667	288,605	202,745	131,335	164,712	62,551	119,813	2,077,242	
Cabonite.....	1,252	905	2,892	3,540	635	1,941	1,634	3,156	743	228	414	755	15,388	
Cod.....	41,201	80,770	20,710	15,150	10,100	15,150	15,150	15,150	15,150	2,945	12,132	22,113	221,131	
Carp.....	13,597	14,704	19,209	19,099	8,771	8,031	8,590	100	2,630	2,692	9,839	12,312	108,890	
Catfish.....	9,008		7,103	35,254	37,305	308	732	1,063	603	64,417	61,889	53,024	310,022	
Cetacean, Mexican.....	24,200	32,323	11,200	12,200	12,200	17	1,063	1,063	1,063	1,063	1,063	1,063	32,118	
Cetus, Pacific.....	34,265		60,943	97,542	44,403	66,148	38,060	39,453	80,054	34,233	87,558	61,456	738,600	
Dolphin.....		42,072											—	
Doli.....			15	25			30	92	4	4	4	4	92	
Flounder, Starry.....	35,818	70,600	61,795	62,214	18,561	29,225	73,309	52,967	32,233	28,446	29,255	82,306	621,136	
Frigate Fish.....					4,714								5,257	
Grouper.....													60,235	
Hake.....	5,606		2,244	1,960	1,405	1,000	1,273	1,273	1,273	3,173	3,072	3,173	10,341	
Haddock, California.....	133,645	160,137	133,240	133,240	133,240	134,007	134,007	141,009	138,540	83,000	97,601	138,452	—	
Haddock, Northern.....			6,321	93,244	128,778	214,760	70,027	10,743	20	2,700	6,250	11,100	14,306	
Halibut, Northern.....	1,511	11,325	1,511	10,900	12,775	11,775	141	582	54	5,500	57,412	840,530	523,032	
Hardhead.....	352,131	300,170	39,445										10,321	
Herring, Pacific.....													1,000	
Kingfish.....	68,212	49,276	82,672	61,545	49,434	37,792	49,032	35,563	43,859	54,020	49,044	51,194	632,134	
Mackerel, Horse.....	60,212	60,212	60,212	60,212	60,212	60,212	60,212	60,212	60,212	60,212	60,212	60,212	1,000	
Mackerel, Pacific.....	1,161,642	848,424	1,215,160	916,740	974,076	4,227,150	19,677,764	12,677,764	10,425,910	23,300,581	2,321,989	7,287,015	109,542,214	—
Mackerel, Spanish.....	325	2,000	97	1,758	1,572	1,053	1,053	1,053	1,053	6,033	1,053	1,053	10,371	
Mullet.....		35									1,057	1,057	1,057	
Perch.....	25,971	23,203	55,155	63,272	1,205	1,544	14,408	15,021	14,655	9,101	11,314	18,900	231,742	
Pike.....													77	
Pompano, California.....	2	47	125	105	978	370	917	2,361	1,175	562	793	136	7,926	
Rock Bass.....	8,815	12,853	20,888	18,475	47,003	50,813	49,515	84,259	26,599	21,274	30,022	21,171	416,145	
Rockfish.....	203,200	200,300	200,300	547,277	300,200	419,200	300,200	200,200	200,200	273,000	400,000	400,000	1,600,504	
Sablefish.....	84,516	41,953	64,640	104,191	122,291	201,092	80,759	123,311	82,543	67,093	50,020	9,556	1,035,509	
Salmon.....	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	40,000	
Salmon, Sockeye.....	51,618	44,655	71,300	30,042	47,605	65,343	64,772	47,725	35,777	25,361	50,190	37,003	61,575	
Sardine.....	178,888,443	1,334,212	79,333,420	446,646	718,718	115,780	405,147	21,810,031	146,754,817	130,955,765	140,160,205	174,191,476	953,535,700	
Squid.....													10,457	
Sea-bass, Black.....	23,116	41,418	21,200	17,653	37,389	32,789	13,696	29,823	49,813	63,698	15,639	18,154	398,565	
Sea-bass, Short-fin.....													156	
Sea-bass, White.....	240,730	222,658	370,412	46,214	113,670	36,000	22,252	58,933	55,057	105,919	33,077	32,289	1,423,800	
Seal.....	20,231	23,965	68,170	331,645	6,409								807,779	
Shad.....	11												29	
Shark.....		664	159,958	1,153,492	555,385								2,372,089	
Shark.....	47,020	44,702	67,287	31,029	37,177	44,577	23,469	24,924	30,206	36,531	43,558	39,004	471,501	
Sheepshead.....	22,267	12,510	14,837	5,544	6,002	5,944	5,944	5,944	5,944	16,671	21,413	21,413	128,577	

Skate.....	54,909	44,480	57,166	21,453	28,580	27,313	21,746	20,322	16,452	25,679	32,024	32,408	381,944
Sole.....	65,758	73,031	70,353	50,406	51,082	71,726	69,061	71,101	73,573	68,514	47,368	44,452	3,235,000
Sole.....	745,406	735,457	562,569	881,745	649,730	703,187	653,319	813,157	680,110	444,483	626,514	509,452	7,324,242
Sole.....	10,424	11,154	10,391	6,664	9,325	5,975	7,175	73,947	220,456	200,268	66,441	60,014	1,016
Swordfish, Sandbill.....	9,272	—	—	—	—	—	—	—	—	—	—	—	45,061
Swordfish, Marlin.....	—	—	—	—	—	—	—	—	—	—	—	—	310
Tuna,.....	160	500	—	—	—	—	53	1,533	1,050	42	—	—	16,645
Tuna, Bluefin.....	112,830	120,000	127,733	150,144	166,410	231,220	200,920	211,200	217,000	217,000	216,000	206,110	2,715,316
Tuna, Bluefin.....	54,153	152,617	40,953	1,278,069	8,711,220	4,150,500	2,367,617	1,371,797	286,040	637	—	—	18,924,883
Tuna, Bonito.....	791,333	304,432	198,925	17,724	485,233	105,404	807,365	2,388,143	1,371,007	168,000	256,080	206,110	7,715,316
Tuna, Bonito.....	—	—	—	—	—	—	—	—	—	—	—	—	70
Tuna, Oriental.....	99,555	—	—	—	—	—	—	—	—	—	—	—	745,053
Tuna, Skipjack.....	4,411	—	—	—	—	—	—	—	—	—	—	—	—
Tuna, Skipjack.....	653,587	1,001,351	2,110,531	1,200,190	1,265,500	5,200,500	2,351,000	6,000,000	8,704,500	9,022,000	20,000	—	—
Tuna, Skipjack.....	4,565,690	2,456,380	7,650,078	5,474,214	11,000,519	7,285,730	9,273,211	4,181,397	2,070,934	7,456,345	4,045,513	7,503,672	73,811,272
Turbot.....	8,953	7,889	26,447	9,116	5,343	8,637	18,353	11,237	2,960	5,393	6,717	5,301	116,275
Whiting, Atlantic.....	11,200	11,200	40,000	11,200	11,200	11,200	11,200	11,200	11,200	11,200	11,200	11,200	117,228
Whitefish, Ocean.....	9,700	5,293	9,395	3,563	1,518	1,091	7	662	1,985	2,468	6,047	5,071	46,003
Yellowtail.....	207,027	232,856	166,820	681,213	1,067,869	437,461	1,484,474	2,968,377	745,441	309,950	457,425	1,180,000	10,002,470
Miscellaneous Fish.....	12,504	11,450	16,470	17,700	15,204	14,249	15,719	15,200	9,252	16,425	16,113	17,617	—
Cuttlefish.....	—	—	—	—	—	—	—	—	—	—	—	—	—
Cuttlefish.....	475,532	374,054	204,854	202,954	162,006	89,572	161,406	53,100	435	405,515	178,052	2,311,802	—
Cuttlefish.....	2,033	1,912	2,597	3,781	1,327	510	842	1,029	543	435	1,029	16,307	—
Lobster, Spiny.....	334,947	245,151	245,151	245,151	245,151	245,151	245,151	245,151	245,151	155,867	103,441	194,394	1,323,539
Shrimp.....	44,406	50,886	74,470	—	82,535	112,672	257,394	552,042	517,339	256,339	158,352	91,993	65,339
Mollusks.....	—	—	—	—	—	—	—	—	—	—	—	—	2,204,459
Abalone.....	36,000	—	162,000	473,150	331,633	431,377	271,553	558,450	396,151	146,900	205,714	219,356	3,901,155
Clam, Cockle.....	2,020	1,473	1,040	1,040	1,040	1,040	1,040	1,040	1,040	1,040	1,040	1,040	22,802
Clam, Gaper.....	1,154	182	566	494	416	325	504	470	156	99	95	94	4,490
Clam, Pismo.....	16,020	12,426	14,509	13,656	14,204	18,884	28,400	24,433	21,600	13,843	15,200	20,000	26,000
Clam, Scallop.....	13,810	11,721	10,550	9,550	11,550	11,550	6,000	6,000	6,200	2,043	4,103	4,005	19,971
Clam, Washington.....	4,385	3,383	3,672	3,305	358	341	349	343	343	3,383	3,014	3,218	33,272
Octopus.....	—	—	—	—	—	—	—	—	—	—	—	—	125
Octopus.....	9,437	5,421	11,913	13,195	4,488	4,855	4,900	7,144	3,452	1,115	2,031	1,289	32,432
Oyster, Eastern.....	31,332	29,265	28,107	20,813	18,487	15,905	10,254	14,309	20,275	1,040	4,471	2,112	31,112
Oyster, Northern, -	20,000	15,140	15,140	15,140	15,140	15,140	15,140	15,140	15,140	34,000	35,001	25,500	310,983
Oyster, Native.....	243	3,140	8,240	6,575	2,831	3,843	1,794	1,638	933	2,729	3,382	35,669	—
Squid.....	29,100	33,905	1740	43,711	358,473	146,459	40,095	8,723	1,001	21,000	31,000	49,139	—
Whelk.....	230	—	—	—	—	—	—	—	—	—	—	—	250
Total pounds.....	180,985,735	88,835,830	94,508,097	14,861,715	22,227,196	26,587,750	42,156,595	50,169,390	185,897,245	173,492,661	153,388,690	153,830,714	1,256,556,275

COMMERCIAL FISH LANDINGS IN DEL NORTE AND EUREKA REGION DURING 1936

Fishing Boat Landings from California Waters

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Anchoy.....	3,157	18,527	42,234	37,308	8,652	14,521	7,520	12,308	4,789	19,599	21,042	11,330	20,000
Catfish, Pacific.....	4,347	4,033	1,444	4,098	77,473	117,396	202,321	65,519	16,198	69	—	140	12,032
Halibut, Northern.....	3,524	2,250	4,968	—	—	—	—	—	—	—	—	25	477,975
Herring, Pacific.....	—	—	—	—	—	—	—	—	—	—	—	—	5,849
Mackerel, Pacific.....	1,765	3,068	7,216	1,080	9	19,029	18,897	1,462	12,157	22,359	26,064	185	13,353
Perch.....	1,595	13,410	14,282	20,869	28,570	19,029	18,897	1,462	12,157	22,359	26,064	9,783	187,424
Rockfish.....	24,008	13,692	29,869	41,524	132,414	53,720	32,730	49,016	26,700	36,272	34,016	54,070	547,070
Salmon.....	—	—	—	—	—	111,204	422,619	193,950	1,206,377	1,403,507	141,750	—	3,479,716
Sardine, California.....	—	—	253	—	—	—	—	—	—	—	—	—	21
Sole.....	11	—	—	—	—	—	—	—	—	—	—	—	11
Solefish.....	—	—	—	—	—	—	—	—	—	—	—	—	—
Sole, Rock.....	3,828	1,834	9,159	962	657	45	861	390	2,167	360	341	3,072	15,666
Sole, White.....	1,526	2,334	1,150	—	—	—	—	—	—	—	—	—	1,526
Whitebait.....	3,382	13,031	33,677	37,163	30,714	35,951	18,053	5,505	941	11	—	—	17,498
Miscellaneous Fish.....	1,451	1,259	919	250	136	441	331	961	46	1,161	46	134	7,153
Crustacean:													
Clam.....	20,528	20,114	20,788	30,214	32,032	31,304	34,304	33,000	—	—	—	6,399	229,900
Mollusk:													
Clam, Cockle.....	56	95	23	54	—	—	—	—	—	—	—	—	331
Clam, Gaper.....	1,035	—	240	144	—	—	—	—	—	—	—	—	1,416
Clam, Washington.....	4,231	3,272	3,119	3,049	—	—	—	—	—	—	—	—	34,449
Otopharynx.....	12	338	24	68	75	—	—	—	—	—	—	126	789
Total pounds.....	80,521	92,689	132,685	349,409	714,620	662,101	1,409,204	1,469,450	216,224	77,406	55,882	34,523	5,397,405

COMMERCIAL FISH LANDINGS IN SACRAMENTO REGION DURING 1936
Fishing Boat Landings from California Waters

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Carp ..	13,997	14,791	19,209	15,937	8,771	8,081	850	100	2,636	2,092	9,829	12,312	108,748
Dall ..	9,005	6,802	33,150	27,150	308	752	1,093	693	64,417	61,959	55,025	25,952	302,116
Flounder, Starry ..	60	100	353	150	23
Gadus ..	14,311	11,323	10,510	10,650	12,775	11,650	2,700	6,350	11,183	14,806	106,670
Okie ..	20	7	147	147	5	20	49,019
Salmon ..	7,695	16,362	33,722	95,816	217,843	43,184	153,201	375,143	946,179
Sardine sub..	236	250
Sardines ..	21,380,700	506,450	16,043	1,002,500	34,303,450	38,313,350	33,114,000	35,433,710	194,152,454
Shad	694	150,947	1,135,772	940,198	409	1,016	2,330	2,244,491
Sole, Pacific ..	1,458	2,148	1,414	1,414	20,012
Sucker ..	10,424	9,372	10,391	6,664	5,325	5,975	10	45,931
Miscellaneous Fish	27	80	117
Total pounds.....	21,440,771	573,363	258,402	1,313,351	1,197,792	72,192	1,945	1,176,464	34,811,750	38,384,459	33,189,113	35,496,940	167,946,581

COMMERCIAL FISH LANDINGS IN SAN FRANCISCO REGION DURING 1936
Fishing Boat Landings from California Waters

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Anchovy.....	100	400	428	1,114	300	1,133	1,300	1,000	150	100	200	6,277	
Cabaneau.....	22,469	15,411	33,461	36,161	30,461	21,461	23,461	25,461	64,461	25,012	46,000	20,000	386,503
Ed. Fish.....			18	23						4		86	
Flounder, Starry.....	30,484	68,165	108,381	61,200	33,233	22,544	21,233	20,233	22,233	31,109	20,286	20,286	304,286
Dabs.....	1,045	1,055	253	469	1,650	1,550	1,1900	1,275	4,955	8,175	9,675	4,770	46,741
Haddock, California.....	1,885	982	961	102	2,004	1,142	1,754	431	1,754	1,753	925	12,556	
Haddock, Northern.....	353,168	297,740	89,200	18,771	11,853	11,429	4,608	344				4,607	
Herring.....										3,223	86,175	831,908	
Kingfish.....					733	1,294	2,827	4,778	561	1,153	1,611	175	15,460
Mackerel, Pacific.....										21,780	5,332	7,280	15,453
Perch.....	5,887	6,134	19,193	21,209	4,217	9,675	4,623	5,369	7,564	11,081	96,104		
Rockfish.....	84,456	69,451	119,451	61,451	34,457	32,744	34,457	42,457	45,457	60,457	109,457	81,457	810,457
Soldierfish.....	3,695	3,755	2,665	240	22,215	21,173	7,833	22,095	3,235		100	933	95,948
Salmon.....													447,548
Seal Dahl.....	50,017	12,523	66,222	74,203	32,274	129,282	109,118	109,439	17,441		23,074	45,151	25,364
Swordfish.....	7,329,676	69,575	188,450	172,300	371,000	354,400	444,900	1,655,400	17,724,000	28,600,120	31,429,200	31,007,109	119,637,200
Seal-lance, White.....									31	4,051	399		4,442
Sea Lamp, California.....												2	
Shad.....					15,210	9,277							24,487
Shark.....	31,538	23,555	33,773	2,588	1,588	1,588	3,059	3,449	7,656	20,556	32,001	12,451	
Shrimps.....	43,425	26,558	44,210	14,055	24,820	21,900	15,610	19,215	13,033	21,255	29,209	29,228	318,783
Smelt.....	14,231	50,651	57,775	29,557	27,305	32,670	37,464	24,726	29,097	21,038	22,772	21,111	380,917
Sole.....	710	694	694	710	655	676	613	700	657	657	30,610	10,000	7,830,222
Tuna.....	190	500					55	62,153	1,050	42		763	4,153
Turbot.....	8,812	7,020	22,223	7,700	4,601	5,420	14,153	11,257	2,207	3,755	5,879	3,531	10,040
Whiting.....	707	1,514	2,367	2,233	2,420	4,133	143	89					13,184
Miscellaneous Fish.....	11,465	9,911	15,116	16,330	17,153	14,386	13,511	12,811	12,990	7,666	16,282	13,377	162,888
 Crustacean:													
Crab.....	455,538	353,532	183,288	173,716	188,820	58,172	127,004	19,146		464,042	171,298	2,675,646	
Shrimp.....	43,829	56,74	74,357	81,070	354,757	352,042	317,209	255,937	153,753	84,267	50,999	2,546,549	
 Mollusk:													
Absid.....					1,250	2,350	900	26,057	2,600				33,667
Cham., Cockle.....	98	81	187	67	187	145	147	122	26	29	36	17	1,142
Cham., Open-shelled.....	132	125	296	184	232	55	157	154	59	59	59		3,574
Cham., Round-shelled.....	10,352	9,172	9,653	9,534	9,363	11,337	6,090	6,229	6,299	3,945	4,161	4,005	60,971
Cham., Washington.....	150	111	202	179	238	341	246	244	147	147	147		3,523
Oyster, Eastern.....	561	588	2,414	4,114	1,541	4,934	288	100	100	125	125		12,298
Oyster, Western.....	31,332	29,255	25,167	20,183	18,457	15,895	10,354	14,820	20,272	33,353	40,322	49,372	318,912
Oyster, Japanese.....	20,040	14,300	14,300	21,300	21,300	21,300	20,307	20,307	40,519	80,519	80,519	30,519	30,519
Oyster, Pacific.....	243	3,140	8,240	8,578	2,501	3,843	1,794	1,636	953	2,729	3,382	3,382	35,669
Squid.....				210					1,071		1,118	330	2,733
Total pounds.....	9,467,515	1,847,595	1,879,039	1,643,506	1,873,879	1,027,110	2,297,535	3,007,054	19,038,079	26,532,820	32,972,250	32,350,898	137,690,106

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COMMERCIAL FISH LANDINGS IN MONTEREY REGION DURING 1936
Fishing Boat Landings from California Waters

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Anchoa.....			580	4,670	2,005	485	11,670	10,190	600	228	314	565	30,200
Cabonete.....	1,132	428	2,464	2,426	338	809	1,092	576					11,769
Catfish, Pacific.....			2,100	1,151									3,251
Cod.....	7,000	8,504	12,967	23,459	10,563	8,533	8,634	14,781	11,573	8,449	17,704	23,037	162,169
Flounder, Starry.....	735	494	545	347	351	371	101	275	55	160	153	110	3,686
Gullfish, Pacific.....	8,310	8,691	13,493	2,910	77	1,271	8,434	2,390	117	1,653	876	294	44,331
Herring, Pacific.....	350	160	145			140	500						213
Kingfish.....	18,044	3,041	33,194	17,279	16,779	19,285	21,358	5,943	14,942	23,091	16,561	17,307	209,283
Mackerel, Horse.....			2,000	2,000				11,271	11,271	1,729	1,729		30,502
Mackerel, Pacific.....	102,064	69,739	53,157	24,151	25,445	45,358	842,456	3,461,469	496,865	143,932	92,364	88,966	5,418,431
Pewit.....	179	14,227	27,271	1,200			3,914	482	484	1,399	216		44,307
Pompano, California.....			81	69	61	73							298
Rock Bass.....							S						8
Rockfish.....	171,994	131,598	220,102	338,211	253,182	241,980	293,834	253,327	132,332	160,254	178,329	179,302	2,819,933
Sablefish.....	41,266	11,574	2,000	2,000	8,613	2,693	11,534	10,276	27,424	14,637	35,456	6,663	207,740
Salmon, Pink.....			15,000	16,500	9,512	7,912	20,600						106,924
Sea Bass.....	200	490	3,000	5,500	1,200	3,000	3,000	389	1,193	1,204	1,453	298	21,751
Sardine.....	70,265,447	7,538,303	120,539	165,150	115,665	58,310	46,955	19,127,882	94,653,145	63,929,795	75,604,206	71,097,534	402,943,023
Squid.....									80				80
Sealions, Black.....				25									25
Sealions, White.....	114	55	173	167	12				6,249	42	207	62	7,081
Sea Trout, California.....			11										11
Shad.....			11										11
Shark.....			800	800									3,100
Skate.....	1,304	4,271	6,775	2,145	807	2,945	1,905	705	518	2,189	553	511	21,679
Smelt.....	2,950	3,739	2,635	3,053	6,948	23,879	13,103	15,923	20,791	21,273	6,658	4,139	133,257
Sole.....	1,400	4,482	30,000	30,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	123,000
Tuna, Albacore.....									15,565	22,039			42,541
Tuna, Skipjack.....									25				22
Tuna, Yellowfin.....									17		329	96	443
Turbot.....	32	869	4,056	2,092	679	3,699	501	97		100	1,698	535	10,274
Whiting.....		19	741	2,021									7,059
Macrourid Fish.....			50	90						34			154
Crustacean:													
Crab.....	296	408	765	54	54	36	18		309		4,474	158	6,256
Shrimp.....	550	122	119	249							384	158	1,964
Mollusks:													
Ablone.....	4,450		95,575	334,300	213,300	173,000	60,550	300,123	238,000	17,050	70,273	55,850	1,875,673
Clam, Pacific.....	3,021	2,374	2,354	1,175					2,581	3,374	2,581		20,352
Mussel.....	300					300							750
Octopus.....	1,855	4,713	9,460	5,470	3,664	3,316	4,403	6,622	3,335	852	1,769	877	48,724
Oyster, Japanese.....			1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	9,250
Squid.....	17,084	33,905	1,239	42,556	538,205	144,803	40,959	8,723		21,889	35,567	43,233	933,231
Total pounds.....	70,396,912	8,120,233	724,812	1,100,177	1,109,999	815,092	1,414,472	23,214,242	95,655,237	64,367,673	71,083,191	71,015,404	114,538,053

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COMMERCIAL FISH LANDINGS IN SANTA BARBARA REGION DURING 1936
Fishing Boat Landings from California Waters

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Barracuda	77	4,110		369	3,807	6,780	9,637	15,661	6,147	619	20	47,359	
Caballa, Pacific				16		65	114	62	7			12	
Herring, Pacific	17,509	11,666	13,445	9,732	19,619	21,713	31,782	31,869	28,476	24,243	30,031	23,354	203,569
Kingfish, Pacific	314			26		32	37	32		227	42		523
Mackerel, Pacific	4,787	678	1,115			151	1,615	1,741	3,677	6,901	2,787	1,253	669
Pike	43	208	147	1,379		120	304	1,328	1,310	8	20	21,116	
Rock Bass	707	1,088	528	467	31,913	1,227	4,826	3,025	455	495	403	16,129	
Rockfish	61,132	23,828	27,431	37,233	33,965	21,220	29,500	31,141	29,500	16,129	15,652	16,351	400,311
Sablefish	63		54			19	227	160	3				556
Salmon						276							276
Shad	181		50				20	326	1,040	69			1,647
Sealipin				114	83			19					216
Sea-Saint, Black	36				256						13	195	
Sea-Saint, White	1,424	431	642	13,284	6	42	206	2,011	15,146	10,050	15,291	4,772	61,379
Shark	875	3,463	2,639	1,632	2,133	2,354	1,431	1,560	1,274	1,551	2,224	22,711	
Sole, Round	6,427	2,251	1,114						17		3,526	2,645	20,588
Skate	1,789	3,000	813	1,469	1,635	3,140	416	225			765	1,485	13,722
Smelt	4,101	1,444	1,233	1,232	1,232	2,142	2,142	1,454	1,454	406	124	124	15,151
Sole	32,070	32,069	62,546	66,233	38,275	29,632	15,452	14,263	17,522	45,295	22,143	12,359	274,279
Swordfish, Broadbill							5,324	30,053	5,510	341			44,558
Tuna, Bonito								19	123	19			7,293
Tuna, Mullet	178												7,147
Tuna, Yellowfin									33	30			4,176
Whiting, Ocean	2,438	382			60					118	314		55
Yellowtail, Ocean										45			4,312
Miscellaneous Fish	293		58	480	75	36	4	1,633	79	1,607	316	4,719	
Crustacean:													
Crab, Rock													76
Lobster, Spiny	15,586	16,729	7,594		39	37				45,188	34,602	25,363	141,801
Mollusca:													
Absidens	25,550		64,300	136,300	137,278	251,510	202,358	258,331	160,051	131,025	160,264	153,476	1,692,143
Clam, Pismo	12,999	10,252	12,554	12,489	14,397	15,885	23,358	24,453	15,454	15,514	13,607	12,595	189,433
Total pounds	185,598	111,704	231,353	286,032	248,114	337,729	329,984	424,727	303,313	315,925	302,541	266,933	3,364,166

COMMERCIAL FISH LANDINGS IN LOS ANGELES REGION DURING 1936
Fishing Boat Landings from California Waters

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Anchoa	7	55	3,265	7,573	5,505	8,711	3,552	709	159	75	55	210	29,502
Barnacles	13,433	33,835	115,570	704,532	231,784	308,050	280,862	88,154	76,327	10	88,005	143	1,478,462
Cabonne	7	10	10
Calico, Pacific	39	127
Dolphin Fish	4,514	6,510	15,158	9,059	12,510	7,111	7,255	52
Flying Fish	55,627
Gila, Rock	4,500
Hake, California	36,760	44,440	76,481	35,263	49,462	51,659	14,507	18,801	12,482	6,831	7,713	12,365	367,547
Kingfish	40,500	46,020	45,857	42,361	29,765	25,229	27,150	29,709	29,531	20,458	25,322	24,771	427,534
Mackerel, Bonito	69,521	52,252	52,244	515	39,391	35,115	40,115	58,058	81,121	1,000,000	1,000,000	1,000,000	4,500,000
Mackerel, Pacific	314,756	244,922	1,008,250	300,214	7,812,222	3,818,762	16,427,666	8,304,118	15,801,814	22,828,771	1,056,944	6,293,121	84,315,743
Mullet
Penaeus	16,019	15,408	14,288	15,348	1,198	1,424	0,902	3,354	8,371	2,304	3,069	0,414	91,568
Pompano, California	2	32	47	92	917	207	840	1,567	1,175	802	714	136	7,131
Rock Bass	2,721	5,321	7,001	11,060	28,712	20,121	35,231	25,189	20,027	8,021	18,100	9,341	190,000
Rockfish	41,151	23,608	44,053	35,517	37,773	12,853	10,866	8,072	8,677	13,083	22,737	21,453	270,733
Solefish	13,701	21,634	25,230	30,446	8,765	4,769	1,659	6,020	8,140	12,783	2,796	172,094	1,140,000
Swordfish	790
Sand Dab	1,125	1,137	1,660	1,059	580	234	313	167	594	583	583	431	8,499
Sardine, Pacific	74,302	65,907	75,000	10,400	10,429	10,429	3,600	3,600	3,600	22,500	21,000	36,602,300	352,900,300
Seadragon	4,499	1,829	7,399	9,591	10,429	15,523	9,886	8,818	6,835	10,440	9,362	8,301	105,798
Sealions, Monk
Sea-lion, White	4,870	4,817	4,749	4,449	1,036	2,712	1,957	2,172	2,172	2,172	2,172	2,172	15,479
Shark	10,996	8,621	20,372	24,433	34,632	20,585	15,491	19,603	22,081	10,209	9,380	3,263	215,879
Skate, Angel	14,140	7,994	10,400	10,400	10,400	10,400	10,400	10,400	10,400	10,400	10,400	10,400	141,000
Skate, Round	1,821	2,552	2,274	1,143	1,945	1,135	106	174	174	669	873	1,297	14,767
Smelt	36,218	15,267	26,261	21,478	18,456	19,809	14,528	22,568	17,443	29,777	38,751	18,462	278,569
Sole	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	120,000
Swordfish, Broadbill	213	68,991	148,749	139,156	86,374	3,632	15	417,558
Swordfish, Marin	147
Tuna, Albacore	217,000	398,092	142,111	155,017	14,468	1,190	808,471
Tuna, Bluefin	12	419,945	5,952,480	3,200,036	1,888,480	1,752,408	238,921	73	13,623,554
Tuna, Skipjack	411,392	105,801	130,000	2,886	2,886	2,886	17,000	17,000	17,000	17,000	17,000	17,000	1,772,572
Tuna, Yellowfin	129	195,131	311,050	73,429	16,728	41,044	1,043	640,193	52
Whiting, Ocean	2,164	413	2,222	1,377	1,218	756	7	107	149	668	1,675	1,545	12,500
Yellowtail	200	2,253	11,821	69,838	73,219	12,389	1,238	3,026	16,390	56	73	184,014	1,140,000
Miscellaneous Fish	50	94	351	182	68	181	298	298	400	291	212	212	2,218

COMMERCIAL FISH LANDINGS IN LOS ANGELES REGION DURING 1936—Continued
Fishing Boat Landings from California Waters—Continued

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Crustaceans:													
Crab, Rock.....	2,033	1,912	2,597	3,742	1,290	510	842	1,029	543	200	670	749	15,126
Lobster, Spiny.....	10,718	10,609	6,212										192,324
Mollusks:													
Abalone.....													10
Clam, Cockle.....	1,475	1,507	1,435	1,815	1,094	75	50	100	35	175		710	
Oyster.....			4		115	17	1,645	1,793	1,566	1,836	1,877	2,432	21,429
Scallop.....	5,995		291		1,152	153	1,634	26	24	21	130	1,555	618
Whelk.....	250										56	110	845
Total pounds.....	75,366,576	68,608,935	77,287,383	1,750,079	9,412,734	10,710,886	21,404,140	13,705,003	20,920,848	25,443,032	1,866,360	44,374,576	308,990,144

Fishing Boat Landings from Waters South of International Boundary

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Barracuda.....	16,639	111,613	44,691	262	383	417	1,339	6,420	22,238	6,263	94,703	303,323
Catfish, Common.....	22,969	4,438	3	31,739	127	2,123	531	770	72	275
Cuttle, Pacific.....	363	418	969	273	90,707
Grouper.....	8,561	1,110	1,058	5,331
Hake, California.....	27,572	34,605	73,077	22,735	18,583	418	969	1,141	1,047	1,047	142,727
Mackerel, Spanish.....	523	2,051	92	1,150	42	2,185	1,253	1,253	2,065	5,483	4,993	16,117
Red Fish.....	247	2,022	1,150	1,150	42	2,185	1,253	1,253	433	1,254	1,254	3,533
Rockfish.....	91	2,365	1,254	1,254	1,254	11,397
Solefish.....	13,904	13,904	13,904	13,904
Seabass.....	20,144	26,444	11,358	11,125	39,745	25,388	10,344	22,398	14,450	14,161	8,541	8,541	201,228
Sea-bass, White.....	169	801	4,954	3,038	120	154	788	788	6,233	983	2,180	18,369
Shark.....	829	1,091	1,023	1,773	281	85	21	173	475	145	4,212
Swordfish.....	146	20	125	1,024	1,024
Skate.....	295	55	388	1,000	1,741
Sole.....	99	32	17	1,680	1,680
Swordfish, Black.....	162	1,518	1,518	1,518	1,518
Tuna, Bluefin.....	21,613	110,138	40,583	732,933	2,587,820	363,352	99,111	20,213	312	884	4,071,320	4,071,320
Tuna, Skipjack.....	5,302	5,606	1,023	1,023	1,023	1,023	1,023	1,023	1,023	50,730	14,700	3,275	4,622,111
Tuna, Yellowfin.....	17,796	230,971	89	1,417,991	605,871	45,270	338,724	316,811	885,896	220,813	26,586	4,513,388
Whiting, Ocean.....	951,618	1,201,042	97,810	4,185,810	3,089,470	1,772,249	1,122,168	1,449,284	1,045,618	785,785	1,792,257	19,969,257	19,969,257
Yellowtail.....	44,889	1,425	1,425	571	170	285	184,831	193,304	332,303	145	1,034	5,755	1,963,692
All Miscellaneous Fish.....	44,889	61,853	25,631	9,415	47,113	156,293	184,831	193,304	332,303	56,795	46,215	69,999	144
Crustaceans													
Lobster, Spiny.....	9,764	933	15,044	10,238	35,997	35,997
Total pounds.....	1,154,971	310,753	1,531,590	1,064,402	6,495,682	7,159,452	2,540,853	4,045,278	3,679,256	3,633,949	1,121,267	1,519,528	34,321,970

Shipments from North of State Boundary

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Tuna, Albacore.....	11,176	11,176
Total pounds.....	11,176	11,176

COMMERCIAL FISH LANDINGS IN LOS ANGELES REGION DURING 1935—Continued
Shipments from South of International Boundary

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Gabilla.....	1,149	185	183	15,430	2,550	280	249	24,624
Corvina, Mexican.....	24,670	15,863	25,256	14,553	559	125	81,161
Sea Bass, Black.....	779	564
Sea Bass, Totuera.....	340,750	216,761	393,031	46,213	115,070	36,992	105,214	143,917	1,369,165
Cod, Alaska.....	94	1,520	4,877	3,109	7,345	325	17,270
Salmon.....	117,083	146,480	1,493,072
Total pounds.....	367,633	232,809	389,164	77,716	121,063	40,291

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Shipments from Japan

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Tuna, Albacore.....	112,833	155,502	378,733	126,144	166,410	103,714	255,070	199,616	1,193	1,469,233
Tuna, Melachi.....	20,370	20,370
Tuna, Skipjack.....	50,233	491,296	133,316	73,665	221,451	1,043,047	1,043,047	2,264,925
Tuna, Yellowfin.....	56,233	537,013	1,043,047	8,928	8,928
Total pounds.....	259,694	155,502	870,029	261,460	166,410	177,307	1,322,192	1,324,421	1,193	4,538,208
Grand total.....	77,198,794	67,307,099	89,578,146	3,153,657	16,198,881	17,019,629	23,954,077	18,497,587	35,022,296	20,815,498	3,106,705	46,040,403	409,554,570

COMMERCIAL FISH LANDINGS IN SAN DIEGO REGION DURING 1936

Fishing Boat Landings from California Waters

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Barracuda	485	2,898	54,333	65,262	33,576	5,716	36,040	17,350	8,602	2,444	1,230	221,043	
Carp			142	37	37	1,675				43		142	
Codfish			37	37	37	1,675				43		2,051	
Haddock, California	5,621	6,674	20,833	14,692	478	13,421	16	231	71	1,450	22,235	6,560	95,315
Herring, Pacific			117	26	62	27				90	20	1,330	
Kingfish			200	117	26	58,650				67	377	137	1,273
Mackerel, Horse			1,845	117	59,431	1,796,442	203,537	1,005,770	700,145	88,353	312,945	1,202,438	60,771
Mackerel, Pacific	679,294	328,000	452,250	591,431	1,796,442	203,537	1,005,770	700,145	88,353	312,945	1,202,438	9,044,440	2,861
Mullet			39	857	1,972	700			220	103			331
Perci			15	22									95
Pompano, California			34	22									331
Rock Bass	2,386	3,353	5,183	2,772	2,488	1,741	10,754	48,953	17,766	8,366	7,201	6,262	117,379
Solefish	6,988	1,765	2,005	19,549	15,949	1,594	1,594	1,594	1,594	6,252	3,214	3,214	16,695
Sardine			1,605	1,605									1,605
Sardinella			5,468,909	6,953,457	3,129,826	102,161	221,420						15,835,299
Skipper			748	225	1,364	1,364				93	396		
Sea-Bass, Black			45	1	1	1	1	1	1	1	1	1	1,003
Sea-Bass, Rockfin			15,475	13,607	8,970	184	4,432	1,775	159	3,151	4,934	46	911
Sea-Bass, White			13,475	13,607	8,970	59	8,110	1,142	10	152	1,000	9,676	13,441
Shark			2,735	7,072	3,894	1,839	1,142	1,142	10	152	1,000	45,884	60,242
Shrimps			1,016	1,016	1,016	1,016	1,016	1,016	1,016	1,016	1,016	1,016	6,030
Skate			3,432	309	2,606	1,420			1,191	21	84		9,967
Sendl			48	275	1,405	1,394	1,394	1,394	1,394	1,394	1,394	1,394	205
Sole				21	16	16	16	16	16	10	10	10	52
Swordfish, Broadbill							3,834	66,030	17,229	2,898	241		90,232
Tuna, Albacore										103	103		1,016
Tuna, Bluefin			20	87	1,211	6,671	6,671	6,671	6,671	1,173	961	202	
Tuna, Skipjack			350,053	149,000	56,200	11,133	12,841	4,866	106,325	53,719	32,141	38,831	177,483
Tuna, Yellowfin										41	1,418,148	1,717,204	184,815
Whiting			2,891	165	3,063	2,560	12,033	5,963	8,543	11,021	16,730	9,399	10,227
Yellowtail			225	267	2,603	2,560	2,560	2,560	2,560	205	663	869	2,234
Miscellaneous Fish													69,993
Cephalopods:													230
Lobster, Spiny													2,403
Mollusk													
Octopus										19			
Total pounds	6,542,075	7,652,948	3,753,941	820,030	3,161,647	411,515	1,366,532	2,322,520	2,000,955	648,301	1,491,573	1,335,797	30,507,832

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COMMERCIAL FISH LANDINGS IN SAN DIEGO REGION DURING 1936—Continued
Fishing Boat Landings from Waters South of International Boundary

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Barracuda.....	13,849	5,939	7,117	7,574	16,152	55,077	70,934	87,034	25,933	45,818	54,236	25,000	434,559
Catfish, Channel.....	7,465	27,336	11,563	9,577	41,083	10,080	5,366	10,059	121,091
Catfish, M.	212	1,083	17	5,366	1,395	17	3,634
Catfish, Pacific.....	1,619	1,619
Cod.....	3,427	21,317	12,035	242	387	39,828
Dolphin, California.....	33,111	53,335	61,413	20,020	44,111	50,316	50,743	153,663	22,000	21,151	44,731	62,336	622,336
Kingfish.....	166	166	166
Mackerel, Horse.....	139	139
Mackerel, Pacific.....	225	1,044	405	563	9,779	99,292	1,346,430	254,180	556	455	317	1,714,979	1,714,979
Mackerel, Spanish.....	1,435	1,435	1,435
Perc. Fish.....	120	109	120	120
Pompano, California.....	402	402	402
Red Bass.....	2,411	1,638	1,178	1,171	11,761	16,315	15,998	7,108	2,054	6,421	4,459	82,007	82,007
Rockfish.....	20,892	16,165	10,030	9,574	2,281	546	1,000	12,441	1,000	1,000	1,000	1,000	20,892
Salemafish.....	205	205	219	219	544	544	544	544
Sardine.....	224	158	109	109	109	109	109
Soupfin, Blue.....	620	77	44	1,712	5,721	6,626	8,486	1,691	14,901	8,314	8,459	746
Sea-bass, Black.....	10,222	34,308	7,187	8,841	14,712	5,721	6,626	8,486	1,691	14,901	8,314	8,459	56,609
Seabream, White.....	1,275	2,382	1,627	1,627	1,627	1,627	1,627	1,627	1,627	1,627	1,627	1,627	25,841
Shark.....	247	282	1,620	263	1,360	1,095	1,360	1,095	150	935	150	935	6,119
Shrimps.....	405	3,073	1,416	395	155	110	345	345	345	313	313	313	1,529
Skate.....	25	63	350	165	165	165	165	165	165	165
Smelt.....	245	121	17	296	109	49	229	863	35	2,004	2,004	2,004
Swordfish, Broadbill.....	2,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	2,000
Swordfish, Marlin.....	292	292	292	292	292	292	292	292
Tuna, Bonito.....	20,455	42,711	123,036	8,705	149,740	5,533	431,814	305,614	67,427	114,740	175,000	60,741	1,00,473
Tuna, Skipjack.....	162,703	64,519	103,560	926,131	692,560	511,205	421,430	1,677,145	2,561,757	3,703,173	2,052,183	935,231	14,258,666
Tuna, Yellowfin.....	3,641,102	2,406,071	6,000	2,803	4,691	6,916,130	3,594,200	7,306,000	4,100,000	5,967,974	2,210,000	6,379,441	57,752,114
Whiting, Ocean.....	1,207	3,071	1,555	130	40	550	550	550	550	550	2,353	145	145
Yellowtail.....	291,545	188,569	126,699	612,410	933,473	239,649	1,289,515	1,068,900	379,836	323,725	440,765	1,089,600	7,875,055
Miscellaneous Fish.....	450	240	120	120	120	120	120	120	120	120
Crustaceans:
Lobster, Spiny.....	350,958	223,000	142,887	3,450	50,969	103,296	885,579
Total pounds.....	4,541,331	3,146,312	6,982,047	6,135,154	6,932,264	4,721,794	11,791,037	8,533,002	7,869,362	9,726,248	6,971,660	8,932,672	85,905,749

Shipments from South of International Boundary

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Cabilla, Mexican.....	310
Cobia, Mexican.....	1,600	1,600
Mackerel, Spanish.....	450	450
Sea-bass, Totanva.....	5,897	6,782	16,722	25,756	54,637
Crustacean:													
Shrimp.....													4,459
Total pounds.....	5,897	6,782	4,459
Grand total.....	11,095,326	10,908,057	10,742,770	6,055,184	11,093,911	8,133,297	12,757,589	10,857,552	9,870,517	10,379,058	7,579,908	10,215,815	117,475,464

ORIGIN OF COMMERCIAL FISH LANDINGS IN CALIFORNIA DURING 1937

Species	California	North of State Boundary	South of International Boundary	Japan	Total pounds
Anchovy	226,229				226,229
Barracuda	1,799,045		1,189,445		2,938,490
Cabezone	8,189				8,189
Cabrilla			145,719		145,719
Carp	38,631				38,631
Catfish	318,971				318,971
Corvina, Mexican			69,363		69,363
Cultus, Pacific	968,080	120	58		968,258
Dolphin	1,993				1,993
Eel	190				190
Flounder, Starr	974,770				974,770
Flying Fish	41,880				41,880
Gaper			61,553		61,553
Hake	63,454				63,454
Halibut, California	812,081		394,870		1,206,951
Halibut, Northern	316,925				316,925
Hardhead	54,162				54,162
Herring, Pacific	631,330				631,330
Kingfish	645,759				645,759
Mackerel, Horse	6,541,026				6,541,026
Mackerel, Pacific	60,832,354		104,347		60,936,701
Mackerel, Spanish			27,122		27,122
Mullet	8,492				8,492
Perch	248,710		879		249,589
Pike	499				499
Pompano, California	4,822				4,822
Pompano, Mexican			162		162
Rock Bass	230,969		94,031		325,000
Rockfish	4,131,547	125	159,542		4,291,214
Sablefish	733,499				733,499
Salmon	6,909,867				6,909,867
Sand Dab	516,045	150			516,195
Sardine	891,430,435		90		891,430,525
Sculpin	137,114		198		137,312
Sea-bass, Black	20,412		695,172		715,584
Sea-bass, Short-fin	1,191				1,191
Sea-bass, White			1,171,623		1,171,623
Sea-trout, California	263,195		336,224		599,419
Shad	652,657				652,657
Shark	907,414		6,701		914,205
Sheepshead	73,149		8,317		81,466
Skate	447,392				447,392
Smelt	679,882		2,188		682,070
Sole	8,296,783	5,412	27		8,302,222
Split-tail	10,826				10,826
Sucker	7,882				7,882
Swordfish, Broadbill	589,877		35,430		625,307
Swordfish, Marlin	3,696		490		410
Tonocod	1,056				1,056
Tuna, Albacore	2,020,016	1,176,754		1,546,939	4,743,709
Tuna, Bluefin	10,822,071		1,871,851		12,693,922
Tuna, Bonito	5,707,212		2,100,858		7,808,070
Tuna, Oriental				523,632	523,632
Tuna, Skipjack	1,884,148		45,210,944	7,554,903	54,698,995
Tuna, Yellowfin	187,732		91,334,726	884,148	92,406,606
Turbot	75,990				75,990
Whitebait	86,177				86,177
Whitefish, Ocean	32,347		24,851		57,198
Yellowtail	223,983		5,147,492		5,371,475
Miscellaneous Fish	161,895		1,357		163,252
Crustacean:					
Crab	1,627,693				1,627,693
Crab, Rock	1,710				1,710
Lobster, Spiny	363,242		936,501		1,329,743
Shrimp	1,111,802		12,784		1,124,586
Mollusk:					
Abalone	2,863,175				2,863,175
Clam, Cockle	28,552				28,552
Clam, Gaper	3,396				3,396
Clam, Pismo	223,655				223,935
Clam, Soft-shell	92,915				92,915
Clam, Washington	21,629				21,629
Mussel	1,490				1,490
Octopus	23,884				23,884
Oyster, Eastern	364,649				364,649
Oyster, Japanese	680,081				680,081
Oyster, Native	44,217				44,217
Scallop	100				100
Squid	501,662				501,662
Total pounds	1,019,768,128	1,182,561	151,104,005	10,549,622	1,182,604,316

430 pounds of Bluefin Tuna shipped from Boston, Massachusetts, is not included in above table.

REGION OF LANDING OF COMMERCIAL FISH LANDINGS IN CALIFORNIA DURING 1937

Species	Dol Norte and Eureka Region	Sacramento Region	San Francisco Region	Monterey Region	Santa Barbara Region	Los Angeles Region	San Diego Region	Total pounds
Anchoa.....	100,100	44,205	91,574	1,783,716	1,001,200	22,270	2,388,490	2,388,490
Barracuda.....		3,465	4,429	295		8,489		8,489
Cabosseas.....						14,719	14,719	14,719
Catfish.....	38,631	317,014				28,631		28,631
Codfish, Mexican.....						218,971		218,971
Cultus, Pacific.....	272,662		572,771	115,956	884	60,263	698,258	698,258
Dolphin.....				52	15	899	85	85
Ed.....						1,244	449	1,293
Flounda, Starry.....	2,201		999,337	12,172		123		190
Frigate Fish.....						41,880	41,880	41,880
Grenadier.....						8,726	53,327	61,553
Hake.....		61,082		27		2,420		61,533
Hallibut, California.....		8,945	18,636		311,319	368,699	490,143	1,206,551
Hallibut, Northern.....	233,583		83,342					316,955
Haddock.....						1,147		1,147
Herring, Pacific.....	6,495	54,162	615,393	4,835	20	7,119	611,330	611,330
Kingfish.....		6,195		1,205	75	150,055	79,759	845,759
Mackerel, Blue.....				42,163		9,400,132	98,206	6,600,026
Mackerel, Pacific.....			11,503	2,619,549	31,678	55,473,756	3,400,256	60,958,701
Mackerel, Spanish.....						1,080	21,712	21,712
Mullet.....						3,020	5,473	8,493
Perci.....	10,993		98,666	35,948	5,724	91,211	3,147	241,589
Pike.....		460				460		460
Pompano, California.....				101		4,669	57	4,827
Pompano, Mexican.....							102	102
Rock Bass.....						12,360	124,017	135,379
Rockfish.....	133,417		1,026,637	2,103,286	366,544	343,748	303,264	4,291,214
Sablefish.....	34,181		1,178	178	10	10,120	344	13,496
Salmon.....	3,834,568	974,571	1,208,414	891,083	922	9		6,600,867
Sand Dab.....			454,792	196,273	156	8,152	516,145	516,145
Sardine.....	58,400,100	196,273	279,194,286	899	133	128,000	9,407,749	914,025
Sole.....					88	11,800	24,323	36,134
Solepin.....							1,193	1,193
Sea-bass, Black.....						1,143,298		1,173,021
Sea-bass, Short-fin.....						28,240	22,415	41,655
Sea-bass, Tautoga.....				20	37	32		57
Seal.....		602,345	215					632,345
Shark.....	1,682	9,005	398,632	122,233	154,477	184,074	25,072	914,205
Sheepshead.....						14,054	57,488	61,466
Skate.....			377,333	11,590	44,128	12,933	1,286	447,392

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REGION OF LANDING OF COMMERCIAL FISH LANDINGS IN CALIFORNIA DURING 1927—Continued

Species	Del Norte and Eureka Region	Sacramento Region	San Francisco Region	Monterey Region	Santa Barbara Region	Los Angeles Region	San Diego Region	Total pounds
Smelt.....	13,662	522,753	91,597	23,386	225,736	4,636	682,070	
Sole.....	193	7,898,726	153,026	256,381	3,843	51	8,302,222	
Spiny Fish.....		10,882					10,882	
Swordfish, Broadbill.....							7,832	
Swordfish, Broadbill.....							628,337	
Tuna, Albacore.....							4,049	
Tuna, Albacore.....	258	1,056	392,464	101,501	206,344	237,035	1,056	
Tuna, Bonito.....		699	1,616	45	1,205	1,205		
Tuna, Bonito.....			9	8,144	11,287,047	14,740,530	12,094,332	
Tuna, Bonito.....			264	19,988	5,151,144	2,658,672	7,708,070	
Tuna, Skipjack.....					21	23,178,064	31,500,010	54,698,968
Tuna, Yellowfin.....					182	27,000,000	65,405,461	94,405,461
Turbot.....			68,317	1,616	36	21	75,090	
Whitebait.....	75,758	8,748	1,641				86,177	
Whiting, Ocean.....					13,251	1,587	27,152	35,939
Yellowtail.....					11	344,832	4,826,612	5,371,473
Miscellaneous Fish.....	14,387	13	158,502	310	2,845	7,403	163,332	
Total pounds.....		5,337,151	60,580,327	215,110,349	287,570,749	3,306,533	457,425,004	1,182,604,746

MONTHLY COMMERCIAL FISH LANDINGS IN CALIFORNIA DURING 1937

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds	
Anchovy	6,658	99	14,460	20,705	53,929	29,323	11,845	5,944	12,540	2,145	20,445	53,245	230,322	
Barracuda	98,651	100,474	54,550	498,617	489,309	307,663	364,154	237,277	249,141	266,872	236,757	131,023	2,538,490	
Catfish	1,000	1,000	227	1,149	662	147	744	1,361	1,508	1,254	66	129	8,189	
Codfish	11,891	44,210	22,654	5,874	13,620	30,201	15,205	12,260	10,649	6,318	8,493	14,113	145,113	
Carp	3,130	2,848	12,667	3,513	3,003	721	22	5	185	4,983	7,154	38,601	38,601	
Catfish, California	3,000	3,000	28,454	52,481	44,182	2,513	2,694	2,152	55,364	39,717	41,340	43,982	318,671	
Cobia, Mexican	22,087	16,020	45,434	13,963	6,182	44,481	2,053	2,152	1,100	1,100	1,100	1,100	968,558	
Dolphinfish	86,327	55,247	72,959	45,714	35,494	63,096	72,354	131,702	143,078	197,091	44,341	73,042	908,558	
Ed.														
Fisherman's Party	108,100	91,459	71,475	38,259	13,174	36,155	135,415	200,455	64,401	11,152	10,094	8,241	914,790	
Flying Fish														
Grouper														
Hake	5,681	16,496	15,818	3,282	12,211	3,143	10,714	11,451	5,729	1,055	2,019	1,965	61,553	
Hake, California	2,162	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	14,383	
Halibut, California	112,705	136,464	161,180	104,521	84,671	114,040	108,036	88,750	91,305	51,200	71,441	84,168	1,206,551	
Hardhead, Northern														
Herring, Pacific	274,412	233,800	34,658	853	2,454	1,090	220	4,810	5,260	6,307	75,550	316,035		
Kingfish	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	6,000	
Mackerel, Horse	110,062	1,000,549	92,084	33,449	356,297	1,020,560	1,222,692	194,887	547,948	334,278	1,406,109	1,150	5,641,559	
Mackerel, Pacific	3,114,483	475,724	445,940	317,413	4,026,012	2,452,640	6,538,051	13,548,327	10,300,099	8,322,143	7,406,621	3,557,672	60,958,701	
Mackerel, Yellowtail	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	222	
Mullet														
Pike	12,574	11,748	41,474	78,752	2,546	5,005	17,211	14,922	15,852	21,008	16,754	17,000	249,380	
Pike														
Pompano, California	992	16	663	426	132	320	649	931	746	44	4	3	4,827	
Pompano, Mexico														
Rainbow	9,574	9,793	8,527	6,576	41,676	50,348	43,282	41,260	32,012	20,680	24,554	12,660	325,000	
Rockfish	24,100	30,000	40,000	40,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	429,174	
Salmon	12,107	26,163	56,380	47,600	46,362	280,515	241,232	328,551	381,001	321,118	409,725	409,725	754,649	
Sardines	8,723	15,085	49,127	203,294	605,304	1,361,775	1,815,266	1,591,453	1,172,563	9,051	258	6,000,007		
Saint Peter	31,154	31,154	31,154	31,154	31,154	31,154	31,154	31,154	31,154	31,154	31,154	31,154	31,154	
Sardines	95,881,341	142,344,541	118,548,873	8,745,260	594,565	435,218	490,483	10,244,242	71,249,902	153,381,933	142,379,421	164,321,274	891,400,535	
Sculpin	3,040	11,452	15,200	15,200	15,200	15,200	15,200	14,702	14,533	15,815	6,775	13,156	157,713	
Sea Bass, Black	20,445	20,445	20,445	20,445	20,445	20,445	20,445	109,120	109,120	109,120	20,445	20,445	715,144	
Sea Bass, Short-fin														
Sea Bass, White	4,060	10,319	17,242	19,566	45,433	20	17	40,494	36,693	177,228	95,155	37,855	28,250	
Sea trout, California										13	24		27	
Shark													652,475	
Shark	72,315	115,932	105,467	57,229	65,181	81,303	38,433	38,154	61,431	63,262	50,808	164,539	1,404,205	
Shrimps	6,212	9,961	15,364	8,343	2,423	1,072	1,447	3,174	806	11,108	13,946	7,329	81,466	
Skate	35,793	52,529	49,299	49,176	11,863	18,275	10,275	23,211	31,395	20,309	62,213	26,511	441,362	

MONTHLY COMMERCIAL FISH LANDINGS IN CALIFORNIA DURING 1937—Continued

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Sardine.....	55,201	83,259	62,537	66,550	60,196	68,200	53,033	70,180	65,510	52,792	46,385	30,159	842,070
Sole.....	503,630	601,067	18,461	68,172	601,751	635,202	746,262	750,231	915,787	1,024,029	512,185	478,232	8,202,723
Split-tail.....	1,215	4,227	2,097	1,173	263	1,244	1,244	1,244	1,244	1,244	1,244	41	12,70
Stark.....	2,044	1,168	663	177	—	—	—	—	—	—	11	1,168	2,018
Swedenfish, Broadbill.....	—	—	—	—	—	—	—	—	—	—	—	—	—
Swedenfish, Marin.....	—	—	—	—	—	—	—	—	—	—	—	—	625,307
Tomcod.....	323	234	—	—	—	—	—	—	—	—	—	—	4,049
Tuna, Albacore.....	—	—	156,377	184,708	704,135	—	1,053,615	925,428	1,113,669	465,499	350,412	211,801	4,741,739
Tuna, Bluefin.....	—	—	—	—	—	—	—	—	—	—	—	—	12,094,132
Tuna, Bonito.....	271,150	—	31,653	47,929	1,231,414	541,446	5,000,435	5,000,435	5,000,435	1,704,402	1,241,029	1,241,029	20,000,070
Tuna, Oriental.....	—	—	—	—	—	—	—	—	—	—	—	—	32,534
Tuna, Yellowfin.....	4,463,118	4,770,705	6,005,543	1,005,543	7,803,152	13,250,132	8,092,170	10,802,322	12,869,228	8,092,170	8,092,170	8,092,170	94,406,656
Turbot.....	3,642	3,370	4,314	3,970	3,670	3,170	1,472	8,052	8,052	8,052	8,052	7,883	75,990
Whiting.....	1,042	2,748	1,042	1,042	1,042	1,042	1,042	1,042	1,042	1,042	1,042	1,042	17,177
Whitefish, Ocean.....	5,182	7,148	2,277	2,530	299	710	158	1,056	1,056	1,056	1,056	6,861	15,900
Yellowtail.....	79,000	25,159	140,944	511,014	318,294	553,140	171,060	1,228,777	718,980	427,120	407,580	14,997	3,271,473
Miscellaneous Fish.....	10,945	14,363	14,108	14,370	9,400	7,014	15,451	15,071	15,071	15,071	15,071	15,071	181,372
Crustacean.....	—	—	—	—	—	—	—	—	—	—	—	—	—
Crab, Rock.....	200,135	221,566	62,388	76,902	62,271	48,834	68,770	52,668	—	—	372,845	450,010	1,027,693
Crab, Soft.....	—	—	—	—	236	0	122	20	—	12	27	123	1,171
Lobster, Spiny.....	258,150	254,582	230,444	—	—	—	—	—	—	—	211,062	259,343	1,326,543
Shrimp.....	36,956	47,906	83,438	87,693	97,602	125,526	150,324	175,361	150,265	69,195	57,992	38,343	1,124,586
Mollusk.....	—	—	—	—	—	—	—	—	—	—	—	—	—
Absidote.....	15,700	—	92,550	323,435	300,098	315,503	492,762	396,751	337,404	170,137	76,647	348,953	2,805,175
Clam, Cockle.....	2,687	2,401	2,783	2,333	2,086	2,085	2,730	3,072	3,214	2,198	1,784	2,298	28,533
Clam, Gaper.....	582	136	139	238	320	518	440	492	330	2,168	164	154	3,395
Clam, Littleneck.....	14,220	14,424	16,944	16,944	18,421	20,421	20,421	20,144	19,993	18,193	18,193	18,193	92,935
Clam, Offshore.....	4,505	5,517	13,047	4,456	10,312	8,743	7,741	8,492	7,255	18,590	7,215	6,617	92,915
Clam, Washington.....	2,547	2,543	2,563	2,556	328	386	366	342	429	1,094	3,050	3,050	21,029
Mussel.....	693	705	109	109	109	109	109	109	109	109	109	109	1,149
Octopus.....	995	2,503	5,671	3,072	2,742	3,527	942	1,149	2,473	244	280	217	22,884
Oyster, Eastern.....	20,194	24,930	45,726	32,100	20,949	15,099	15,099	20,949	20,949	20,949	20,949	20,949	264,649
Oyster, Native.....	41,381	27,121	21,021	20,000	31,021	31,021	31,021	31,021	31,021	31,021	31,021	31,021	162,081
Oyster, Native, Native.....	3,466	7,003	8,281	11,266	1,347	5,571	4,312	1,254	290	179	1,359	44,317	—
Squid.....	1,566	—	33,503	9,565	1,353	15,570	50,893	101,165	90	645	—	16,943	266,311
Squid Puff.....	—	—	—	—	—	—	—	—	—	—	—	—	501,662
Total pounds.....	107,160,232	152,270,619	120,445,217	25,945,266	30,022,194	25,930,294	25,671,560	34,305,730	110,274,839	160,556,232	162,057,022	152,205,619	1,182,094,745

COMMERCIAL FISH LANDINGS IN DEL NORTE AND EUREKA REGION DURING 1937

Fishing Boat Landings from California Waters

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Cod, Pacific.....	20,658	61,217	54,206	13,905	2,105	2,451	10,059	30,472	10,072	31,544	2,696	23,365	272,662
Flounder, Starry.....	863	837	245	251	59	47,659	100,235	38	8,810	5,369	2,561
Hake, Northern.....	1,152	32,100	41,150	23,533
Herring, Pacific.....	2,425	4,070	545	6,495
Perc., Pacific.....	1,011	545	5,121	1,065	50	10,465
Rockfish.....	10,125	12,151	15,181	11,200	14,900	15,470	10,054	8,404	20,462	1,012	7,828	15	10,465
Sardine.....	4,734	4,305	12,160	30,059	41,433	170,679	76,159	68,154	36,877	76,034	1,699	132,417
Salmon.....	21,740	303,586	467,715	1,187,401	1,213,322	640,044	76,034	518,371	3,838,668
Shad.....	60	147	140	77	41	230	1,987
Smelt.....	5,208	36	222	271	855	160	1,833	3,383	910	645	1,312	13,602
Sole.....	114	114	18	158
Tuna, Albacore.....	1,834	6,472	10,018	11,409	17,452	16,322	9,564	1,454	125	75,788
Whitebait - Mullet fish.....	1,545	256	563	258	46	44	500	2,017	2,070	3,165	330	3,335	14,857
Cephalopods:													
Cuttlefish.....	24,868	15,876	1,532	2,278	27,176	27,782	26,882	37,514	18,112	192,020	
Mollusk:													
Cham., Gaper.....	480	23	41	11	480
Cham., Whelk.....	2,179	988	2,841	79
Cham., Washington.....	2,322	2,314	2,314	2,603	20	83	2,841	23	18,497
Octopus.....	252	252	29	87	41	41	48	5,281	1,370	503
Oyster, Eastern.....	6,657	
Total pounds:	65,295	106,099	95,791	138,655	446,610	748,910	1,438,991	1,263,904	717,404	140,077	14,440	58,196	5,337,151

COMMERCIAL FISH LANDINGS IN SACRAMENTO REGION DURING 1937
Fishing Boat Landings from California Waters

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Carp.....	5,110	2,848	12,487	3,213	3,032	721	22	5	985	4,983	7,154	38,621
Carfish.....	9,600	5,666	28,177	32,543	4,217	2,313	2,994	2,132	55,564	30,717	51,546	45,982	318,971
Herring.....	3,168	7,003	6,101	2,450	3,059	1,760	920	8,047	11,504	8,453	54,142	84,142
Pike.....	43	219	152	5	24	56	49	56	409
Salmon.....	8,723	13,676	20,796	16,236	83,071	36,793	264,588	532,381	974,871
Sardine.....	4,960	3,417	2,520	113	12,337	17,283	622,610	2,145	9,471	13,388,250	8,558	36,100
Shad.....	4,960	3,417	2,520	113	12,337	17,283	622,610	90	1,637	7,288	10,404,100
Shark.....	1,515	1,227	3,003	1,173	265	1	1,270	10,720
Sole.....	2,048	1,186	663	122	15	1,775	3,018	7,882
Miscellaneous fish.....	2	11	13
Mollusk:
Oyster, Japanese.....	20,222	20,222
Total pounds.....	9,047,606	3,512,396	83,000	93,422	717,147	35,327	3,016	3,024,433	10,071,383	13,694,213	9,628,478	10,700,123	60,580,527

COMMERCIAL FISH LANDINGS IN SAN FRANCISCO REGION DURING 1937
Fishing Boat Landings from California Waters

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Achirus.....				3,100	51,750	17,350	11,100	5,300	11,700	1,800			102,100
Cabezone, Pacific.....	200	100	150	1,050	600	400	450	415	100	100	3,400		3,400
Cod, Pacific.....	45,113	17,029	18,750	27,450	31,400	58,450	57,322	55,450	114,521	65,000	18,767	24,659	377,651
Ed.								15	20				45
Flounder, Starry.....	155,517	89,244	69,474	33,824	13,270	30,013	138,940	309,190	64,652	10,613	18,256	2,731	960,337
Gilt-head, California.....	2,044	6,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	10,000	10,000	10,000	40,000
Haddock, California.....	2,208	704	745	918	464	42	316	154	141	183	868	2,110	8,945
Haddock, Northern.....													8,345
Herring.....	270,575	239,053	341,500	523	1,857	325	1,470	1,322	950	90	6	305	1,043,550
Kingfish.....													6,162
Mackerel, Pacific.....	125												125
Percichthyidae.....	0,000	2,043	3,015	32,700				3,218	1,540	3,746	0,075	4,321	11,302
Rockfish.....	37,234	22,973	121,223	103,944	88,770	52,669	86,880	91,344	127,250	111,872	96,801	33,640	1,036,832
Saltwater Tautog.....			1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	4,000
Salmon.....								77,824	491,472	529,753	103,033	100	1,208,414
Sead. Dabs.....								48,221	27,485	24,245	6,700	36,700	100
Sead. Sculpin.....								67,390	21,900	40,400	5,146	10,100	46,150
Sea-lion, White.....	9,623,500	6,243,700	17,515	6,240	1,000	1,000	1,000	1,000	1,000	33,300	523,140	43,917,610	45,239,610
Seal-pup, California.....								146	11,272	78	138	11,634	
Shad.....													273
Shark.....	39,188	89,223	50,505	9,118	835	2,362	3,204	4,800	13,812	28,100	45,074	112,221	398,632
Skate.....	2,200	2,200	2,200	2,200	2,200	2,200	2,200	2,200	2,200	2,200	2,200	2,200	2,200
Smelt.....	34,027	31,569	45,359	34,561	33,203	37,351	22,036	35,560	22,910	20,153	12,568	12,335	322,753
Sole.....	36,924	37,634	77,090	89,042	54,810	58,650	58,650	718,718	738,574	875,401	999,011	459,721	4,000,025
Tomcod.....	523	254	91	85	105	18							1,656
Tuna, Albacore.....													680
Turbot.....	3,639	1,710	2,724	15,000	1,000	1,170	1,612	703	8,811	3,780	4,972	8,601	68,217
Whitefish.....	802		2,038	1,263	1,025	1,040	703	280					8,748
Miscellaneous fish.....	6,400	13,948	13,700	13,948	9,100	6,120	14,000	11,700	7,640	16,793	11,971	8,815	138,562
Crustacea:													
Crab.....	175,000	200,220	50,650	74,412	65,087	21,044	32,988	18,454	-----	-----	365,248	409,280	1,423,521
Crab, Rock.....			50	50	122	20	122	20					192
Shrimp.....	35,827	47,500	72,967	57,200	97,022	123,329	150,324	175,501	155,108	67,728	56,340	37,796	1,168,747

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COMMERCIAL FISH LANDINGS IN MONTEREY REGION DURING 1937
Fishing Boat Landings from California Waters

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds	
Anadory	20	14,400	15,115	23	3,770	344	811	1,838	775	36	10,000	4,429	44,205	
Cakefish	144	102	153	59	23	57	344	3,473	5,797	276	36	15	4,429	
Cuttle, Pacific . . .	17,330	6,668	4,244	1,025	3,040	3,473	5,797	9,276	10,203	22,169	25,899	135,956	135,956	
Dab	1,330	1,392	1,756	4,658	145	121	71	151	811	1,545	563	12,172	15	
Hake, Starry	1,330	1,392	1,756	4,658	145	121	71	151	811	1,545	563	12,172	40	
Dolphinfish	1,456	4,397	4,746	1,714	105	323	1,000	220	206	411	365	2,006	1,754	
Herring, Pacific . . .	1,456	4,397	4,746	1,714	105	323	1,000	220	206	411	365	2,006	18,302	
Kingfish	6,111	33,111	20,444	3,473	4,244	3,473	5,797	9,276	10,203	22,169	25,899	135,956	4,335	
Mackerel, Horse . . .	35	272	199	1,454	13,296	7,256	7,116	2,787	7,719	920	1,043	83	42,163	
Mackerel, Pacific . . .	360,022	76,821	3,808	6,969	22,371	28,576	316,446	373,041	287,335	157,702	99,477	74,545	2,019,549	
Pewit	34	115	124	25,241	1,454	13,296	7,256	7,116	2,787	7,719	920	1,043	83	
Pompano, California	1,456	4,397	4,746	1,714	105	323	1,000	220	206	411	365	2,006	191	
Porgy	147,151	158,968	270,201	184,201	37,401	106,512	96,452	108,271	194,152	196,138	224,662	310,953	2,109,390	
Salmon	609	1,212	2,152	1,252	1,252	1,252	1,252	1,252	1,252	1,252	1,252	1,252	4,178	
Salmonids	27,331	255,214	139,091	371,565	97,462	1,027	1,027	1,027	1,027	1,027	1,027	1,027	881,083	
Sailfish	1	49	154	154	154	154	154	154	154	154	154	154	154	
Sardine	41,664,346	45,102,535	1,340,854	270,200	324,825	158,125	70,350	2,345,553	28,435,197	69,575,313	37,634,575	52,079,014	275,154,280	
Sea-ham, Black	26	—	—	—	—	—	—	—	—	—	—	—	88	
Sea-lion, White	340	—	96	2,053	—	62	—	—	—	—	—	—	28,300	
Sea-trout, California	—	—	—	—	—	—	—	—	—	10,743	4,801	84	37	
Shark	—	—	—	—	—	—	—	—	—	13	24	—	—	
Shark	21,093	16,602	5,414	1,003	—	373	295	254	8,095	7,241	24,625	37,389	122,533	
Skate	59	2,152	2,370	2,431	275	1,027	254	168	213	207	286	1,638	11,500	
Smelt	1,000	4,121	1,252	1,252	1,252	1,252	1,252	1,252	1,252	10,723	6,023	1,027	11,507	
Sole	1,483	8,079	28,824	44,829	1,688	1,640	883	1,694	16,171	6,303	11,638	9,412	135,028	
Tuna, Bluefin	—	—	—	—	—	—	—	—	—	462,094	130,681	—	582,794	
Tuna, Bonito	115	11	791	2,653	60	—	—	—	—	20	25	15	10	
Turbot	—	1,601	207	280	948	122	139	—	—	39	39	88	264	
Whitetail	9	—	—	—	—	—	—	—	—	30	30	12	1,941	
Miscellaneous Fish	168	—	—	—	—	—	—	—	—	30	30	12	310	
Crustaceans:														
Crabs	172	436	1,204	212	8	8	6	—	—	152	37	7,500	2,570	12,108
Shrimp	—	892	416	—	—	—	—	—	—	—	—	9,2	547	3,041
Mollusk:														
Above	11,009	—	28,850	130,550	192,730	180,075	277,900	194,850	167,000	62,873	15,200	132,150	1,433,200	1,433,200
Oyster	1,000	—	2,225	—	—	—	—	—	—	352	1,802	2,358	1,000	1,433
Mussel	690	700	109	2,082	—	—	—	—	—	—	—	—	1,400	1,400
Octopus	414	2,310	5,338	1,839	1,749	3,152	587	1,046	2,348	134	114	114	19,160	19,160
Squid	1,204	17,615	—	915	15,245	56,864	191,155	—	470	—	12,966	266,251	494,759	494,759
Total pounds:	42,235,091	45,424,931	1,990,020	993,198	763,853	950,628	998,268	3,322,700	29,655,723	70,207,654	38,072,944	52,977,553	287,370,749	

COMMERCIAL FISH LANDINGS IN SANTA BARBARA REGION DURING 1937
Fishing Boat Landings from California Waters

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Barracuda.....	7	25		2,696	59			53,660	17,994	17,882		91,574	295
Cabonete.....		18		39	99			70	94			14	384
Cod, Green.....	10	62	280		10		4	25	25			20	384
Hallibut, California.....	14,365	16,105	16,914	11,965	25,947	24,714	23,331	22,739	30,361	39,213	45,694	29,873	311,219
Herring, Pacific.....		5	9		6								25
Kingfish.....				10									25
Mackerel, Pacific.....	469	1,092	254	17	1,465	504	725	1,017	8,895	9,421	3,894	3,746	31,678
Percy.....	68	445	321	1,085	129	216	3,053	1,544	838	1,454	327	1,020	12,350
Pink Salmon.....	272	211	150		29								12,350
Rock Bass.....	32,613	44,494	59,012	28,847	29,279	32,332	19,051	20,049	27,038	13,516	26,457	22,856	366,544
Sablefish.....													10
Salmon.....							922						922
Sand Dab.....			106										106
Sardine.....							455	21	345				899
Sedipin.....	5	3	5	84						4	32		133
Sea Bass, Black.....				2,401	29	169	34	469	1,835	163			1,835
Sea Bass, White.....	2,464	3,895	3,405	3,027	1,256	1,378	248	16,212	17,013	17,215	5,553	7,415	11,950
Shark.....	2,491	2,771	10,195	14,169	20,808	8,903	11,096	8,643	5,111	9,519	8,411	5,499	12,124
Shore Fish.....	3,180	3,211	3,181	3,180	3,123	3,123	3,123	3,123	3,123	3,123	3,123	3,123	14,054
Skate.....	4,770	3,605	3,170	8,577	2,369	2,725	2,781	2,710	2,381	4,000	3,353	3,472	44,128
Smelt.....			25	14	2,072	4,727	744	4,694	4,694	4,694	4,694	4,694	25,128
Stale.....	12,229	15,395	18,054	39,517	54,710	42,205	26,352	18,075	27,853	18,880	10,426	9,052	296,381
Sturgeon, Broadbill.....							3,812	20,103	49,007	21,369	3,200	3,842	101,032
Swallowtail, Broadbill.....									21				21
Tuna, Albacore.....							20	43	20				83
Tuna, Bonita.....									129				129
Tuna, Skipjack.....							5,434	1,920	1,920				8,114
Tuna, Yellowfin.....	22						6,572	9,578	1,920	528	1,499		19,988
Turbot.....	2									19			21
Whiting, Ocean.....	145	255	495	446			137	122	612	304	7,832	2,896	13,223
Yellowtail, Ocean.....							99	408	30	103	291	167	50
Micromesistius Fish.....													2,045
Crustaceans:													
Crab.....		44					5						44
Crayfish.....													5
Lobster, Spiny.....	13,425	12,125	9,594							31,215	24,073	21,346	113,086
Mollusks:													
Abalone.....	124,701	10,700	183,908	113,329	135,470	204,882	111,801	199,384	77,162	60,440	215,360	1,429,347	
Clam, Pismo.....	12,200	15,817	15,428	13,820	15,945	18,267	18,211	18,211	18,211	18,211	18,211	18,211	206,958
Ostrea, Giant.....	39		125	24	55	45					6	278	
Oyster, Native.....		6	125		55	45						6	
Squid.....							13					13	
Total pounds.....	224,045	121,201	134,967	324,881	292,497	279,515	347,255	278,709	417,916	267,465	251,143	345,343	3,306,533

COMMERCIAL FISH LANDINGS IN LOS ANGELES REGION DURING 1937

Fishing Boat Landings from California Waters

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds	
Anchovy.	6,668	70	2,580	2,170	2,203	743	644	345	20,945	43,545			79,924	
Barnacles.	49	14,080	274,501	305,591	255,779	196,751	166,126	135,075	18,734	30,882	451	19	1,232,286	
Bluefin.	15	296	25					301	1,225	1,225			1,524	
Dolphin.													123	
Ed.													4,840	
Frigate Fish.													15	
Hake.													2,247	
Halibut, California.													9,449	
Herring.	25,953	84,543	92,500	56,053	46,191	26,379	12,520	15,908	6,159	5,504	9,038		340,056	
Mackerel, Horse.	110,027	88,197	91,880	41,737	281,533	114,003	1,154,686	162,100	540,139	333,715	146,153	106,097	4,090,752	
Mullet.	2,702,152	257,007	260,000	347,000	2,783,000	1,017,000	5,809,000	121,910,000	1,961,000	9,981,141	8,252,000	7,281,000	33,472,000	
Perc.													11,391	
Pike, California.	6,125	2,820	6,416	6,873	2,516	4,512	8,766	10,570	8,662	10,963	11,711		61,211	
Rock Bass.	3,003	2,113	3,038	2,578	13,177	19,473	13,289	18,114	7,174	8,894	6,541	2,479	105,544	
Saltwater Fish.	20,207	20,207	20,207	20,207	20,207	20,207	20,207	20,207	20,207	20,207	20,207	20,207	246,248	
Solefish.	11,449	30,320	42,083	21,467	1,687	1,090	1,466	1,466	1,466	1,466	1,466	1,466	3,737	
Swordfish.	9												9	
Tuna, Bluefin.	553	1,415	1,415	553	553	553	111	341	254	254	254	254	1,136	
Tuna, Bonito.	33,550,820	82,000,000	112,557,710	84,165,952	63,475	9,935	3,691	1,352	5,099	100,222	51,631,758	56,214,007	247,440,907	
Tuna, Skipjack.	9,193	9,291	10,690	10,297	5,991	14,030	14,555	15,094	12,533	9,713	6,394	9,018	128,003	
Sea-lass, White.	720	707	5,581	6,059	2,563	2,349	940	1,187	20,223	4,255	3,901	15,303	64,557	
Sheepshead.	2,412	11,030	2,412	2,412	24,280	26,100	1,071	1,288	713	1,857	1,246	1,246	18,054	
Skate.	1,805	1,896	3,544	1,428	766	549	684	559	489	169	766		12,955	
Seabass.	10,200	10,400	10,400	10,400	16,100	17,000	17,000	17,000	17,000	17,000	17,000	17,000	187,200	
Seate.	123	559	563	559	301	301	880	882	320	133	60	60	3,643	
Seaweed, Brown.													20,346	
Seaweed, Marin.													1,000	
Tuna, Albacore.													10,961	
Tuna, Bonito.	112,864	7,632	14,430	1,254,772	394,968	404,474	61,244	450,070	667,171	452,471	324,562	96,850	138,105	4,254,500
Tuna, Skipjack.													575,392	
Tuna, Tuna.													150,320	
Turbot.													21	
Yellowtail, Ocean.	1,257	2,295	1,717	749	4		21	318	311	1,002	3,334	3,334	10,000	
Miscellaneous fish.	281	57	1,003	132	15	50	50	311	632	681	2,014	6,048		

COMMERCIAL FISH LANDINGS IN LOS ANGELES REGION DURING 1937—Continued

Fishing Boat Landings from California Waters—Continued

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Creatacean:													
Crab, Rock	100	566	150	215						12	27	121	1,511
Lobster, Spiny	12,467	15,555	15,454	14						66,515	69,858	33,696	202,975
Shrimp													14
Mollusk:													
Ashum													
Clam, Cockle	2,663	2,479	2,689	2,482	3,067	46	2,626	2,624	2,987	100	7	1,475	1,729
Oysters	43	14	8	235	218	223	17		263	2,089	7	2,165	27,442
Squid		21,650	6,925						90		72	11	158
Total pounds	38,668,440	84,935,145	115,432,534	10,872,455	6,171,507	8,587,046	9,250,532	15,446,174	13,972,904	9,457,018	60,812,021	59,878,117	429,824,356

Fishing Boat Landings from Waters South of International Boundary

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Barracuda	38,051	67,518	19,737			60				133,855	116,372	87,777	453,430
Cobia	8,235	5,643	5,154	389	13,081	6,227	9,209			2,058	5,359	6,010	59,669
Grouper	745					110					1,050	1,050	4,533
Halibut, California	10,485		922							13,000		3,355	27,573
Mackerel, Spanish	4,155									294	4,254	4,932	15,349
Rock Fish	3,461	2,825	2,058			450				2,350	4,446	2,075	10,372
Sea-lion, Black	21,007	10,282	26,338	6,097	2,308	17,060	78,703	102,101	97,740	48,057	14,601	36,156	450,531
Sealion, Common	230	44								1,078	1,078	1,078	3,224
Shark	449	236	161							554	555	555	2,050
Swordfish	145		600	155		260					397	1,232	
Stromfish, Marlin			159										409
Tuna, Bluefin			403,963	218,144	101,053	110,125	398,260	61,433			670		1,316,712
Tuna, Skipjack	5,011	1,215	110							38,100	18,500	44,000	100,600
Tuna, Yellowfin	294,358	133,233	166,782	401,116	3,084,634	2,032,656	2,713,397	1,692,113	2,814,203	1,063,984	550,602	59,047	15,008,669
Whiting, Ocean	711,961	654,915	1,028,361	1,897,583	6,303,903	5,828,626	2,966,820	3,358,785	1,484,200	446,803	1,234,170	1,905,679	25,961,022
Yellowtail	15	53	53			208							553
Miscellaneous fish	11,911	22,308	575	985	12,680	70,624	64,339	113,562	30,618	38,254	27,340	25,784	419,130
Total pounds	1,051,146	914,048	1,317,058	2,713,899	9,557,177	6,080,319	5,984,803	3,850,537	4,460,666	1,781,058	2,725,545	1,800,073	44,634,181

Shipments from North of State Boundary

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds	
Tuna, Albacore.....	512,023	341,312	231,097	92,412	1,176,734
Total pounds.....	512,023	341,312	231,097	92,412	1,176,734

Shipments from South of International Boundary

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Catfish.....	1,000	335	205	200	2,046	1,459	6,794
Cobia, Mexican.....	22,087	16,529	9,434	13,563	6,182	738	69,523
Conger.....	415	370	1,419	678	360	3,663
Sea-bass.....	1,248	1,248	1,248	1,248	1,248	1,248
Sea-lion, Totuava.....	9,579	88,894	145,788	129,220	106,362	74,500	201,450	207,054	1,143,238
Tuna, Bluefin.....	250	170	170	259
Tuna, Yellowtail.....
Crustacean:
Shrimp.....	1,123	9,569	1,430	660	12,784
Total pounds.....	33,191	109,781	165,496	145,450	113,333	75,433	1,430	294,316	299,351	1,237,681

430 pounds of Bluefin Tuna shipped from Boston, Massachusetts, not included in above table.

COMMERCIAL FISH LANDINGS IN SAN DIEGO REGION DURING 1937

Fishing Boat Landings from California Waters

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Barracuda	887	4,783	99,077	58,217	9,383	114,227	60,302	26,379	1,083	555	375,185
Cod, Pacific	13	13	331	138	28	469	28	469
Dolphin	18	2,153	5,697	4,312	3,815	132,245	132,245
Hake, California	2,584	15,903	46,823	13,825	9,354	25,359	143	18	2,153	4,312	3,815	7,119	7,119
Herring, Pacific	2,012	20	9	139	65	34	15	65,106
Kingfish	56	5	139	371	3,220	3,220
Mackerel, Horse	18,480	18,480	20	9	61,628	7,709	374,118	45,583	16,225	97,211	20,049	306,145	5,472
Makete, Yellowtail	81,119	12,000	71,631	10,550	1,180	73,000	2,348	2,348
Mullet	805	2,304	1,588	431	254	16,225	57	57
Perc.	1,000	798	161	2,348	2,348
Porgy, California	49	17	13	13
Rock Bass	2,222	3,788	2,313	1,763	2,096	4,073	23,174	36,286	13,216	8,148	2,841	4,372	119,644
Rockfish	2,222	23,047	10,000	10,000	1,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000
Salmon	12	154	154	154
Sand Dab	13	13
Sardine	43,065	4,810,201	1,275,063	70	48,963	8,583	241	432	140,705	67,500	9,407,659
Solepin	259	2,158	1,910	47	433	221	138	423	349	3,138	8,978	8,978
Sebastodes	338	117	555	274	11	238	22	257	3,114	3,114
Sea-ham, Shadfish	658	274	11	238	10	1,191	1,191	1,191
Sealion, White	6	4,543	2,818	2,881	36,546	75	14,942	6,784	6,877	3,000	4,451	2,113	36,449
Shak, Rock	1,760	4,931	10,821	3,211	3,211	8,088	930	2,370	2,370	4,851	5,874	2,413	70,206
Sheepshead	613	234	68	70	10	326	556	940	2,639
Skate	285	1,248	1,248
Sole	565	12	540	136	17	415	73	2,448	2,448
Swordfish, Bonito	296	29,091	34,725	64,003	17,903	31,633	4,322	191,600	191,600
Tuna, Albacore	296	232,020	73,735	85	31,633	4,322	326,370	326,370
Tuna, Bluefin	121	17,740	4,620	55,455	158,820	84,112	84,112
Tuna, Skipjack	132,014	7,707	6,474	1,233	109,826	18,142	571,062	12,558	222,830	14,246	45,705	10,759	1,401,456
Tuna, Yellowfin	10,000	1,198,571	81,178	1,308,735	1,308,735
Whiting, Ocean	1,859	1,108	10,039	12,753	12,410	31,772	8,645	19,917	345	1,023	1,230	240	6,217
Yellowtail	274	469	767	10,039	12,753	12,410	31,772	8,645	19,917	345	496	98,439
Crustacean	76,281	76,281
Lobster, Spiny	1,185	437	1,382
Total pounds	295,246	5,064,433	4,439,390	324,550	1,637,663	1,455,983	1,691,468	364,807	1,737,399	319,962	266,219	457,660	18,044,599

Fishing Boat Landings from Waters South of International Boundary

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Barracuda.....	60,000	32,413	15,615	34,730	112,805	38,351	33,086	70,350	44,500	105,946	74,000	43,544	686,015
Cabilla, Pacific.....	3,276	36,757	19,069	4,425	40	18	6,045	—	—	737	1,117	71,459	55
Codfish, Pacific.....	3,456	15,655	15,468	1,090	11,310	5,858	35,030	445	180	—	—	594	53,717
Grouper.....	1,056	10,155	10,155	1,056	10,162	2,610	35,030	69,163	34,712	52,044	589	4,447	37,266
Hakelet, California.....	67,202	54,172	8,149	10,162	1,252	28,110	61,533	7,490	6,113	618	480	441	266,907
Mackerel, Pacific.....	217	1,256	1,256	1,256	1,256	1,256	1,256	1,256	1,256	492	1,000	1,782	104,947
Porpoise, Common.....	287	—	—	—	—	349	37	—	—	—	213	—	7,022
Porgy, Black.....	—	—	—	—	—	412	—	—	—	—	—	—	879
Rock Bass.....	660	335	518	1,773	29,525	30,347	4,406	6,137	538	1,358	4,138	1,604	74,659
Rockfish.....	4,374	32,030	35,879	27,882	15,584	10,602	2,317	14,770	4,186	3,486	7,003	4,559	159,543
Sardine.....	—	—	—	—	—	—	—	—	—	—	50	—	109
Solepin.....	—	—	—	—	—	—	—	—	—	—	—	—	—
Sunfish.....	3,257	15,151	15,251	22,748	14,803	35,426	29,151	41,657	10,655	13,015	21,217	13,015	212,707
Swordfish, White.....	70	783	3,413	3,748	6,093	21,297	20,234	1,056	101,055	68,174	34,254	13,915	322,440
Shark.....	225	—	—	62	928	1,970	55	1,433	—	—	393	609	4,771
Shrimps.....	1,586	373	—	—	58	532	182	182	—	—	2,455	113	1,685
Sundi.....	705	—	—	—	35	34	7	—	—	341	535	245	2,188
Sole.....	—	—	—	27	—	—	—	—	—	—	—	27	—
Seaweed, Kelpfish.....	—	—	—	—	—	3,352	3,058	8,845	14,555	4,421	454	—	35,140
Tuna, Bluefin.....	15,055	82,085	26,155	24,895	55,825	81,194	36,859	2,765	45	—	—	—	655,139
Tuna, Skipjack.....	277,476	116,480	247,740	541,733	569,432	2,261,065	3,011,502	5,545,056	7,833,078	4,652,041	2,013,105	954,041	30,211,275
Tuna, Yellowfin.....	3,753,150	4,115,750	4,912,182	5,597,551	6,605,227	5,164,407	7,829,302	8,803,256	4,632,641	2,826,579	2,612,426	8,211,633	65,372,204
Whiting, Pacific.....	67,163	215,456	153,475	451,833	282,460	400,629	475,956	1,115,390	640,388	388,089	379,702	121,476	4,726,133
Crustacean:													
Lobster, Spiny.....	207,113	220,177	196,024	—	—	—	—	—	—	8,670	111,383	185,604	934,971
Total pounds.....	4,470,847	4,885,337	3,635,800	7,045,290	7,721,404	8,302,573	11,940,160	15,879,794	13,477,840	10,529,738	5,571,151	9,076,021	103,196,022

COMMERCIAL FISH LANDINGS IN SAN DIEGO REGION DURING 1937—Continued
Shipments from South of International Boundary

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Cabilla, <i>Sebastodes</i> , Totaros.....	7,450	300	7,750
.....	10,540	8,685	28,235
Total pounds.....	27,136	8,985	36,121
Grand total.....	4,756,093	9,949,770	10,102,229	7,378,834	9,399,127	9,818,559	13,631,637	16,244,591	15,215,148	10,948,700	5,837,270	10,154,491	123,276,533

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ORIGIN OF COMMERCIAL FISH LANDINGS IN CALIFORNIA DURING 1938

Species	California	North of State Boundary	South of International Boundary	Japan	Total pounds
Anchovy	735,144				735,144
Barracuda	1,260,790		1,269,022		2,529,812
Cabezone	5,425				5,425
Cabrilla			217,191		217,191
Carp	38,866				38,866
Catfish	312,309				312,309
Corbina, Mexican			138,536		138,536
Cultus, Pacific	645,018	986			646,004
Eel	68				68
Flounder, Starry	542,604	208			542,812
Flying Fish	62,857				62,857
Grouper			67,958		67,958
Hake	36,425				36,425
Halibut, California	838,566		255,782		1,044,348
Halibut, Northern	405,616	175			405,701
Hardhead	12,946				12,946
Herring, Pacific	504,884				504,884
Kingfish	433,195		14		493,209
Mackerel, Horse	4,133,918				4,133,918
Mackerel, Pacific	79,846,761		1,254		79,848,015
Mackerel, Spanish			12,234		12,234
Mullet	3,806				3,806
Perch	183,421				183,421
Pike	985				985
Pompano, California	1,203				1,203
Ratfish	9,455				9,455
Rock Bass	255,627		30,460		286,087
Rockfish	3,467,823	524	168,790		3,637,137
Sablefish	415,836				415,836
Salmon	3,839,166	131			3,839,297
Sand Dab	638,628	700			639,328
Sardine	935,611,403		86		935,611,489
Sculpin	155,280		106		155,386
Sea-bass, Black	34,848		372,878		407,726
Sea-bass, Short-fin	2,259				2,259
Sea-bass, Totuava			2,767,408		2,767,408
Sea-bass, White	269,987		356,660		626,647
Seal trout, California	356				356
Shad	1,338,727				1,338,727
Shark	7,492,299	32	12,051		7,504,382
Sheepshead	61,107		10,924		72,031
Skate	528,138		135		528,273
Smelt	566,922		939		567,861
Sole	7,706,193	31,454			7,737,047
Split-tail	11,127				11,127
Sucker	462				462
Swordfish, Broadbill	320,534		401,044		722,478
Tomecod	3,040				3,040
Tuna, Albacore	4,789,880	7,702,795	29,919	1,052,041	13,574,835
Tuna, Big眼	10,512,262		1,215,769		17,729,031
Tuna, Bonito	4,684,570		3,155,423		7,839,993
Tuna, Oriental					
Tuna, Skipjack	2,816		22,650,815	3,490,343	26,152,974
Tuna, Yellowfin	10,566		78,277,578	74,861	78,363,005
Turbot	85,896				85,896
Whitebait	106,724				106,724
Whitefish, Ocean	24,129		43,883		68,012
Yellowtail	246,238		6,566,080		6,812,318
Miscellaneous Fish	284,279	213	1,049		255,541
Crustacean:					
Crab	3,868,664	3,496			3,872,160
Crab, Rock	3,947				3,947
Lobster, Spiny	308,578		889,595		1,197,573
Shrimp	1,851,211		4,932		1,856,143
Mollusk:					
Ablone	2,121,468				2,121,468
Clam, Cockle	23,831				23,831
Clam, Gaper	4,074				4,074
Clam, Pismo	214,571				214,571
Clam, Razor	471				471
Clam, Soft-shell	87,219				87,219
Clam, Washington	28,094				23,996
Murex	150				150
Octopus	32,632				32,632
Oyster, Eastern	230,742				280,742
Oyster, Japanese	1,237,421				1,207,421
Oyster, Native	32,161				32,161
Squid	1,590,164		155		1,599,319
Total pounds	1,091,200,617	7,740,714	115,919,630	4,630,573	1,222,491,534

REGION OF LANDING OF COMMERCIAL FISH LANDINGS IN CALIFORNIA DURING 1938

Species	Del Norte and Eureka Region	Sacramento Region	San Francisco Region	Monterey Region	Santa Barbara Region	Los Angeles Region	San Diego Region	Total pounds
Anchovy.		251,750	54,155		446,259			735,144
Barracuda.				103,141	1,567,384	887,239		2,829,512
Cabrilla.	211	1,560	3,346	49				453
Cod.		34,551		1,341	147,457	69,354		217,191
Codfish.		312,945		50		538		309
Cobia, Mexican.					14			312,309
Cuttlefish.	284,492		174,898	85,271	415	138,536		138,536
Eel.						1,262	28	646,004
Frigate, Starry.	275,743		251,883	13,052	214		68	68
Grouper.					52,832			542,537
Hake.					21,527	46,451		67,668
Halibut, California.	1,740		16,015	16,535				16,535
Halibut, Northern.	1,105		14,553	39,546	360,750	24,224	422,172	1,094,348
Haddock.	405,466		209	35				405,791
Herring, Pacific.		12,946						12,946
Herring.	5,125	405,621	767	47				3,226
Kingfish.		6,218	146,200	146,200		503,655		504,884
Mackerel, Horse.			94,518	399		3,053,654		3,056,259
Mackerel, Pacific.			1,615	1,482,358	35,743	75,971,063	4,355,968	4,333,018
Makete.				1,480		1,480		79,948,015
Mullet.						331	3,475	3,475
Percy.	8,560		60,276	15,743	5,555	79,232	691	185,411
Pike.								965
Pompano, California.		955				631	372	1,203
Rattail.				5,912	5,450	11		9,353
Rock Bass.				14	29,838	110,533	146,682	296,087
Rockfish.	547,603		358,829	1,845,005	160,308	284,474	234,788	3,437,157
Sablefish.		1,070	270	1,070	1	134,400		134,400
Salmon.	1,853,715	1,698,376	117,549	194,474	182			3,839,297
Seabass.		225,205	1,449	1,449	1	1,115		1,115
Sardine.						2,259		2,259
Sculpin.		64,136,500	214,716,747	311,385,696	1,116	250,858,941	5,312,989	933,611,489
Sea-lan., Black.					531	61,278	61,259	135,356
Sea-lan., Short-fin.					12,381	61,772	61,759	125,892
Sea-lan., Brown.						2,209		2,209
Sea-lan., White.						2,059		2,059
Sea-trout, California.	666		11,071	20,853	20,654	140,183	317,771	2,767,647
Stiel.								566
Shark.								1,841,217
Sheepshead.	140,440	2,278,125	2,048,469	1,763,543	1,014,564	208,815	61,024	7,604,353
					6,218	52,922	12,891	72,031

Skate	50,952	39,385	62,350	35,828	6,718	800	538,272
Sole	12,220	255,915	62,800	41,453	178,712	5,758	567,461
Sole,	3,883,260	3,192,731	432,859	204,706	4,019	63	7,737,647
Split-tail	11,227						117
Swordfish							462
Swordfish, Broadbill							
Tomcod	2,165	821					5,049
Tuna,	22,707	7,017	2,601,376	214,459	9,766,440	943,043	13,374,655
Tuna, Bluefin							12,971,011
Tuna, Demersal							2,830,993
Tuna, Skipjack							4,328
Tuna, Yellowtail							11,360,005
Turbot	635	78,075	8,875			11	
Whiting	98,118	8,000	2,600				106,724
Whitefish							68,012
Yellowtail							8,812,118
Miscellaneous Fish	85,323	10	77,030	8,651	6,611	107,177	469
Total pounds	8,824,733	69,780,966	303,606,581	223,432,104	3,749,856	49,332,627	97,746,147
							1,222,491,534

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MONTHLY COMMERCIAL FISH LANDINGS IN CALIFORNIA DURING 1938

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds	
Ashberry	46,700	2,902	4,407	41,979	133,020	77,498	8,250	18,755	35,038	118,500	41,720	157,241	733,144	
Barracuda	210,314	163,037	100,316	103,532	220,621	317,968	239,804	203,833	227,608	256,077	163,240	155,293	2,022,812	
Cabezone	147	156	333	760	705	491	73	139	415	214	213	581	5,425	
Cod	42,000	14,070	20,500	26,163	26,000	29,000	29,000	—	—	7,120	21,423	46,211	217,151	
Corn	862	1,441	7,049	23,815	795	416	—	115	250	861	1,531	1,757	38,896	
Cuttlefish	15,522	5,583	21,457	42,457	3,850	3,850	3,850	3,850	3,850	58,283	54,857	31,154	312,309	
Cobia, Mexican	8,587	11,521	21,694	76,048	1,897	—	—	—	—	12,200	12,200	12,200	12,200	
Culter, Pacific	46,784	33,618	34,629	50,938	27,661	83,702	89,116	67,606	55,150	53,912	43,384	34,153	646,004	
Dab	—	—	—	—	—	—	—	—	—	—	—	—	—	
Flounder, Starry	13,267	27,820	34,492	56,883	11,936	48,713	174,802	44,615	30,028	38,724	45,744	9,716	543,812	
Frigate Fish	—	—	—	—	—	—	—	—	—	—	—	—	—	
Grouper	3,756	2,168	1,455	11,072	1,540	13,246	5,403	6,982	3,436	180	7,322	20,743	71,557	
Hake	1,449	2,900	150	763	8,900	18,300	159	2,310	715	250	669	36,425	—	
Hake, Yellowtail	13,400	11,125	10,800	98,420	2,271	67,271	120,000	100,000	90,411	88,802	45,797	1,087,184	1,087,184	
Haddock, Northern	—	—	—	—	—	—	—	—	—	—	—	—	—	
Haddock	1,055	923	24	2,883	—	—	—	—	—	4,750	4,554	420	5,003	3,264
Herring, Pacific	29,000	150,000	1,400	1,400	1,400	42	—	—	—	20,000	20,000	20,000	20,000	20,000
Kingfish	41,714	37,108	14,769	75,996	58,426	47,555	36,228	27,259	25,444	37,566	44,887	49,033	403,209	
Mackerel, Horse	2,282	684	8,300	8,300	8,300	8,300	8,300	8,300	8,300	8,300	8,300	8,300	42,707	
Mackerel, Pacific	9,714,018	2,887,280	1,053,570	3,681	67,471	1,157,022	3,240,721	22,193,440	11,479,588	6,743,053	6,319,010	14,213,700	71,013,013	4,133,618
Mackerel, Spanish	3,009	1,793	—	—	—	—	—	—	—	—	—	—	—	
Mullet	—	—	—	—	—	—	—	—	—	—	—	—	—	
Perch	21,662	19,805	20,000	50,402	1,307	8,720	8,002	11,861	3,538	9,213	13,332	9,119	183,421	
Pike	27	114	397	227	1	300	63	625	5	58	64	80	985	
Pompano, California	108	108	108	108	108	108	108	108	108	108	108	108	1,203	
Patash	115	—	3,505	250	415	1,570	260	972	—	—	—	—	1,555	
Rockfish	7,387	15,300	21,157	24,459	40,509	41,261	61,621	29,784	11,753	18,151	18,151	18,151	296,087	
Rockfish	400,291	322,820	361,048	503,476	287,784	355,548	379,433	177,775	197,422	186,081	288,507	209,217	3,012,127	
Sablefish	14,496	24,723	37,700	40,359	19,701	53,143	37,000	53,513	58,767	35,600	6,439	415,836	—	
Salmon	1,300	1,300	1,300	22,000	12,000	40,000	40,000	1,700	1,700	1,700	1,700	1,700	3,025,217	
Sand Dab	44,068	63,044	65,096	40,603	66,840	78,457	62,587	76,242	57,034	20,310	31,165	28,899	639,328	
Sardine	102,816	54,000	14,000	50,000	44,000	27,757	27,757	50,000	27,757	10,731	10,731	10,731	201,500,000	
Seafish	8,511	6,590	6,942	19,807	14,569	10,731	10,731	13,034	8,283	15,110	11,720	9,569	125,250	
Sea Bass, Black	25,171	37,359	29,005	17,723	25,500	30,112	55,982	30,359	70,999	41,480	22,650	20,714	407,726	
Sea Bass, Shallow	—	—	—	—	—	—	—	—	—	—	—	—	—	
Sea Bass, Totowa	362,306	650,264	535,345	237,994	235,407	115,270	—	—	—	142,000	175,151	223,662	2,767,408	
Sea Bass, White	15,300	22,000	17,618	11,108	20,671	13,506	34,034	43,051	271,555	80,387	47,403	46,864	656	
Sea Trout, California	256	330	—	—	—	—	—	—	—	—	—	—	—	
Shad	—	—	—	—	—	—	—	—	—	—	—	—	—	
Shad	653,982	402,279	307,279	95,193	100,320	401,903	714,308	1,825,179	1,813,143	502,970	252,013	752,497	7,504,382	

Sleephead.....	4,434	5,566	2,559	11,155	7,175	8,450	1,921	1,955	5,216	7,032	10,118	9,646	72,931	
Skate.....	6,400	77,441	1,100	31,369	42,538	63,123	72,427	64,047	46,700	38,558	39,148	34,165	52,273	
Smelt.....	31,369	42,538	63,123	72,427	64,047	46,700	38,558	39,148	34,165	50,111	42,234	40,905	567,861	
Stellifer.....	610,347	482,147	466,163	709,170	320,755	750,171	698,502	866,375	782,146	782,146	552,024	382,092	7,719,947	
Stellifer, Sardine.....	1,074	1,074	1,074	1,074	1,074	1,074	1,074	1,074	1,074	1,074	1,074	1,074	11,127	
Stickleback.....	62	76	95	95	95	95	95	95	95	10	30	271	1,452	
Stickleback, Broadbill.....	42,758	42,758	42,758	42,758	42,758	42,758	42,758	42,758	42,758	42,758	42,758	42,758	722,728	
Tuna, Albacore.....	7,307	26,624	26,624	26,624	26,624	26,624	26,624	26,624	26,624	26,624	26,624	26,624	5,049	
Tuna, Bonito.....	740,259	507,843	102,811	2,348	4,602	5,538	5,538	5,538	5,538	130	2,735	810	325	
Tuna, Oriental.....	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	
Tuna, Yellowfin.....	3,698,944	2,657,741	5,081,402	4,153,023	5,081,402	5,081,402	5,081,402	5,081,402	5,081,402	3,181,185	3,208,414	3,208,414	3,208,414	3,208,414
Turbot.....	8,816	2,101	2,101	12,511	19,654	11,738	27,055	16,531	1,099	2,415,201	4,906,079	2,415,201	4,906,079	2,415,201
Whiting, Atlantic.....	8,483	12,025	12,025	12,025	12,025	12,025	12,025	12,025	12,025	12,025	12,025	12,025	12,025	
Whiting, Ocean.....	20,244	9,245	2,153	1,839	1,418	995	1,815	1,703	1,549	8,283	4,014	6,244	10,724	
Whitingtail.....	104,220	55,050	104,220	104,220	104,220	104,220	104,220	104,220	104,220	104,220	104,220	104,220	104,220	
Minnows and fish.....	11,065	13,596	13,032	13,032	13,032	13,032	13,032	13,032	13,032	16,477	30,875	43,463	33,222	27,780
Croakers.....	341,892	342,547	219,104	422,660	486,210	311,119	305,122	304,762	6,572	-----	472,916	565,576	3,872,169	
Crab, Rock.....	80	80	80	80	80	80	80	80	80	80	80	80	80	
Lobster, Spiny.....	230,809	258,643	173,198	173,198	173,198	173,198	173,198	173,198	173,198	112,809	159,797	262,735	1,197,073	
Shrimp.....	62,571	16,077	43,197	72,213	121,102	286,163	433,643	340,380	214,902	83,329	90,967	71,568	1,856,143	
Total pounds.....	12,587,517	53,231,737	23,330,939	12,311,923	11,7,5,116	21,667,373	37,15,154	109,964,751	177,532,5,2	132,272,456	201,478,012	282,857,500	1,222,491,534	

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COMMERCIAL FISH LANDINGS IN DEL NORTE AND EUREKA REGION DURING 1938
Fishing Boat Landings from California Waters

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds	
Cabazon.....	160	51											211	
Cod, Pacific.....	14,227	21,601	26,635	22,457	1,620	31,050	173,233	56,872	65,742	56,122	18,827	9,440	322,949	
Flounder, Starry.....	1,013	627	4,457	1,280	115	150	100	715	10,473	490	200		273,523	
Hake.....			460										1,740	
Hake, Northern.....													1,003	
Halibut, Northern.....													405,291	
Herring, Pacific.....	8,100	25											5,125	
Pike.....		600											8,920	
Pompano.....			2,501		1,551								2,501	
Rockfish.....	9,677	13,296	10,962	63,455	18,144	41,011	141,983	21,830	40,818	75,857	83,406	126,538	547,079	
Sablefish.....	415	1,080	3,099	3,523	50,953	363,994	61,527	287,700	261,152	23,893	7,303	1,103	2,100	
Sand Dab.....	1,040		546	25,601	15,560	39,597	38,504	44,911	43,602	17,938	2,695	918	1,833,384	
Sand Dab, California.....		510											279,503	
Shark.....	2,427	248			2,053	88	253	3,599	30,925	32,366	15,929	24,178	28,051	
Skate.....					7,093	7,482	9,000	7,686	1,200	4,033	4,033	140,698	140,698	
Smelt.....	180		155			1,703	542	1,533	1,945	1,963	1,033	2,580	1,500	13,225
Sole.....	3,900	884	32,114	450,363	204,025	456,637	568,088	678,948	588,357	478,865	328,239	58,473	3,831,815	
Tuna, Albacore.....													22,270	
Turbot.....													2,150	
Whiting.....	4,175	10,620	10,554	18,280	9,100	25,340	16,050	1,651	12,453	12,410	45		36	
Miscellaneous fish.....	200		1,055	7,365	6,100	12,885	11,915	6,922			11,925	1,960	85,190	
Crustaceans:														
Crab.....	28,444	19,782	18,500	38,466	73,672	43,446	145,774	135,444	6,972		1,476	23,660	531,036	
Mollusks:														
Chin, Hair.....	16		15	10	165	280		34	30	28	147		471	
Chin, Soft-shell.....	15		3	3									334	
Chin, Washington.....	2,369	2,582	2,412	2,451									19,995	
Oyster, Eastern.....		200	1,140	1,140	125	22			2,357	3,152	2,040	1,150	1,565	
Oyster, Native.....						556					2,556	7,845	9,298	
Total pounds.....	73,635	72,018	130,622	\$36,076	443,172	1,309,580	1,590,015	1,456,120	1,139,033	69,237	496,681	163,332	8,786,814	

Fishing Boat Landings from Waters North of State Boundary

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Culter, Pacific.....					150			457	360				966
Diamond Sculpin.....					175			73	151				298
Habitat, Northern.....									521				175
Rockfish.....								16	25				524
Sablefish.....					175								111
Sand Dab.....								525					700
Shark.....													32
Stickleback.....					14,663			9,727	7,052				31,434
Miscellaneous fish.....					140			73					213
Crustacean:													
Crab.....						1,690		24	1,7,2				3,496
Total pounds.....						16,983		130	12,632	8,112			37,919
Grand total	73,638	72,018	120,022	836,075	470,157	1,302,549	1,981,045	1,468,812	1,147,115	674,237	498,681	163,332	8,824,753

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COMMERCIAL FISH LANDINGS IN SACRAMENTO REGION DURING 1938
Fishing Boat Landings from California Waters

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Carp.....	862	1,441	5,714	23,769	299	416	115	250	571	1,291	1,757	36,965	
Chub.....	15,525	8,853	24,076	42,563	3,882	5,050	5,462	3,183	58,783	58,248	56,657	31,154	312,245
Goldfish.....	1,625	625	245	2,025	4,000	4,000	1,625	1,625	16,250
Pike.....	27	114	902	220	3	28	53	64	80	953	
Salmon.....	2,251	1,001	5,224	12,198	31,669	9,394	100,775	1,439,000	2,100	11,010	1,600,000	
Shad.....	10,379,300	14,814,000	8,401,600	10,790,000	10,531,600	64,132,900	
Shad.....	13,179	620,683	704,858	13,564	684,345	1,100,000	1,124	1,209	1,338,722
Sail.....	4,241	186,804	1,000	10	90	771	771	462	2,274,755
Split-tail.....	717	1,974	1,748	2,431	11,127	
Sucker.....	62	76	189	95	10	10	
Unidentified Fish.....	
Total pounds.....	10,604,015	202,660	240,207	704,508	743,228	15,400	17,025	348,326	17,494,031	8,402,048	10,836,156	19,000,773	60,789,866

COMMERCIAL FISH LANDINGS IN SAN FRANCISCO REGION DURING 1938
Fishing Boat Landings from California Waters

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Anchovy											30,000		281,750
Cabaneau													1,569
Codfish, Common	15,359	11,431	13,271	21,400	15,060	20,340	21,233	15,584	5,520	16,035	11,893	4,710	173,988
Fishwives, Starry													3,000
Hake	12,491	20,419	22,772	20,255	19,600	18,133	19,255	5,520	5,520	16,035	11,893	3,000	203,853
Hake, Pacific	1,440	2,900	150	150	6,665	3,900			2,210				18,015
Haddock, California	383	1,257	394	2,430	267	7,000	559	184	320	20	219	1,245	14,333
Haddock, Northern													290
Herring, Pacific	245,322	149,561	5,496										495,621
Kingfish													1,013
Mackerel, Pacific	1,613												1,613
Perry													1,013
Rockfish	79,583	51,673	109,032	57,419	30,152	36,053	43,151	28,455	11,200	39,369	30,880	249	523,530
Sablefish													5,607
Salmon													33,449
Sand Dab	42,020	62,392	57,658	8,530	50,930	24,980	22,144	24,760	12,543	10,983	15,446	25,672	333,669
Sardine													1,013
Sea Bass, White	29,690,502	55,000											294,716,747
Shark	555,734	132,659	44,092	61,007	2,670	8,104	7,564	5,414	7,589	544,911	129,414	348,978	2,048,499
Seal													1,013
Sequit	11,858	25,003	55,175	37,425	29,147	16,870	13,481	17,343	4,016	9,640	14,943	20,924	329,383
Sole													1,013
Tuna													3,199,731
Tuna, Albacore													575
Turbot	5,127	1,005	3,121	11,401	10,902	6,114	7,454	10,235	625	3,730	2,333		7,017
Whiting													3,000
Miscellaneous Fish	12,303	12,493	10,345	3,370	6,711	1,757	1,190	1,370	3,322	7,805	6,986	9,287	77,030
Crustacean:													
Crab, Rock	313,476	319,228	197,008	383,696	403,688	261,795	249,822	167,454			432,246	421,090	3,169,658
Crab, Snow	61,696	15,552	41,137	72,009	117,310	206,183	435,248	346,074	214,054	83,173	89,809	70,551	1,047,929
Myloids:													
Clam, Cockle	44	38	20	37	20	23	41	40	15	18	91	27	414
Clam, Gaper	211	151	424	518	360	474	232	160	160	180	180	180	3,274
Clam, Green	6,820	7,571	6,000	7,820	8,740	5,645	5,645	7,210	6,014	7,030	6,277	7,030	30,683
Clam, Washington	232	165	221	285	332	258	404	388	288	72	169	234	3,090
Oyster, Atlantic	181	119	244	60	1,421	1,531	644	39	82	79	13,916	6,181	21,143
Oyster, Eastern	24,788	31,365	29,335	21,792	19,600	16,720	13,692	13,642	20,002	22,602	13,316	28,644	91,143
Oyster, Japanese	91,769	101,048	116,279	115,429	73,870	61,177	51,642	75,643	77,985	111,010	134,435	175,150	1,173,971
Oyster, Native	2,944	1,418	2,180	4,540	4,539	4,113	4,091	2,531	724	1,724	1,518	2,014	32,019
Total pounds	32,129,043	1,534,804	1,178,116	1,078,001	1,380,684	1,199,327	1,104,671	7,645,725	69,549,433	44,826,614	45,093,228	102,086,145	309,606,681

COMMERCIAL FISH LANDINGS IN MONTEREY REGION DURING 1938

Fishing Boat Landings from California Waters

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds	
Anadory	54	85	2,050	23,440	2,830	200	1,700	1,850	1,445	415	273	581	34,135	
Cabezone			1,335	317	150	673	169	73	159				3,546	
Carp			45	59									1,041	
Catfish			59										59	
Cuttle, Pacific	13,296	3,135	4,023	6,164	5,430	5,412	4,405	3,642	2,134	1,227	13,718	19,626	85,271	
Flounder, Scaly	499	388	2,795	1,971	1,550	14,400	98	50	357	580	2,942	3,615	13,032	
Dike Fish													16,350	
Hakelet, California	2,381	4,058	4,198	619	512	4,502	8,463	9,098	1,984	346	703	1,884	39,886	
Hakelet, Northern													33	
Herring, Pacific			397		370								767	
Kingfish	11,747	4,903	5,440	14,731	10,612	16,700	10,000	13,000	20,000	20,000	11,000	11,000	146,829	
Mackerel, Horse	2,042	2,447	3,244	3,743	3,244	2,345	3,250	2,762	11,175	2,223	11,847	3,253	93,065	
Mackerel, Pacific	115,408	99,376	17,200	1,143	69,478	61,353	70,181	678,152	206,588	108,027	47,329	20,930	1,682,238	
Perc	361	1,262	8,240	5,200				311	394	454	200	3,564	174	
Buffalo			115	3,500	230			47					3,017	
Rock Bass													11	
Rockfish	269,259	186,842	174,038	245,922	196,523	211,700	148,343	21,534	31,917	29,442	125,416	144,333	1,849,053	
Sable-fish		90	121	3,633	5,460	12,803	11,212	4,532	335		200	310	38,480	
Salmon													10,114	
Seal, Dab	291	91	5,655	13,420	1,557	12,654	1,179	5,839	305	277	5,462	1,305	43,469	
Sardine	16,922,741	2,097,643	27,450	203,118	328,833	338,865	234,695	47,500,811	37,16,292	35,231,115	63,621,176	64,158,452	311,385,696	
Seabass, White	2,754	129											503	
Shad					5								5	
Shark	60,436	37,467	26,177	7,394	2,182	94,775	336,472	674,504	258,401	11,232	96,464	170,615	1,763,443	
Skate		12,241	12,241	12,241	12,241	12,241	12,241	12,241	12,241	12,241	12,241	12,241	92,550	
Smelt		3,450	781	345	221	1,560	11,111	12,584	7,135	12,182	12,255	12,828	13,228	92,800
Soles													2,591,276	
Tuna, Albacore	12,011	18,837	62,818	110,779	40,109	34,544	5,184	7,185	1,244	20,200	21,420	4,659	4,659	
Tuna, Bonito								715	295,597	1,358,192	104,618	7,331		
Turbot			491	1,696	2,000	3,264	261			11			1	
Whitefish			93	80	411	1,032		43		360	331	555	8,873	
Miscellaneous Fish		301	1,320	2,625	343	2,431	1,419	223	340	144	435	200	5,931	

Crustacean:												
Crab.....	1,872	3,532	3,536	2,484	7,170	6,868	1,569	72	312	38	156	19,300
Shrimp.....	60	294	10	395	312	38	156	1,075
Mollusk:												
Above:	46,350	146,575	251,500	124,775	266,550	145,900	139,700	7,550	56,650	17,800	1,203,850
Clam, Cockle.....	2	122	90	222	222	120	120	4,794	3,833	2,898	7
Clam, Pismo.....	3,458	2,039	1,500	983	150	667	20,110
Mussel.....	563	50	101	3,031	3,599	4,800	4,220	2,561	1,803	150	1,955	150
Oyster.....	563	50	101	3,031	3,599	4,800	4,220	2,561	1,803	150	1,955	24,437
Oyster, Japanse.....	8,000	5,105	151,098	440,987	38,070	34,915	49,570	151,098	499,358	47,990	8,000
Squid.....	43,530	5,105	1,472,003
Total pounds.....	17,497,406	2,477,639	376,279	963,633	1,161,618	1,501,045	1,209,718	49,525,043	59,899,220	39,544,548	64,549,669	64,786,771
												323,402,104

COMMERCIAL FISH LANDINGS IN SANTA BARBARA REGION DURING 1938
 Fishing Boat Landings from California Waters

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Barnacles													50,018
Cabrelos	55	20	43	813	816	932	84	6,671	11,020	38,662			99
Codfish, Pacific	45	10	100	155	59	52	23	11					513
Flounder, Starry													294
Hake, Pacific	30,138	22,018	30,975	24,394	21,066	27,411	25,395	30,723	43,611	39,214	33,372	21,078	356,720
Herring, Pacific													42
Kingfish													109
Mackerel, Horse													416
Mackerel, Pacific	7,558	125	140	50	32	53	42	73	26				109
Perch													4,620
Rudderfish	22,866	32,224	8,461	22,106	15,818	9,613	8,908	7,161	8,828	991	6,607	17,345	100,008
Rock Bass	1,128	9,873	719	2,690	1,045	2,218	1,912	1,532	491	818	1,212	5,177	28,828
Rockfish													14
Solefish													182
Salmonids								35	145				2
Sardine	16	221	11	442	43	612	11	1					1,116
Squid													531
Sea-Ing. Blenny	343	1,833	1,833	509	252	1,115	1,830	538	1,921	2,485	169	320	13,645
Sea-Ham, White	3,813	1,369	3,405	2,324	933	629	15	183	20,303	13,146	19,654	16,445	93,034
Shark	20,313	31,050	31,161	11,661	51,661	42,661	104,661	295,661	23,661	8,161	4,316	1,043	1,6164
Sleepershead	169	1,445	1,361	30	262	257	189	44		566	18	1,044	6,218
Skate	2,013	3,456	3,557	3,269	3	3,056	3,700	2,000	1,425	3,550	3,275	3,245	35,825
Smelt	3,121	3,456	3,412	11,717	14,509	1,316	1,312	1,310	1,310	1,310	1,310	1,310	41,453
Sole	8,106	10,872	10,445	35,812	25,636	12,569	10,383	13,366	24,065	20,521	12,822	11,044	204,706
Starfish, Broadbill								2,009	2,009	2,009	2,009	2,009	20,090
Tuna, Albacore								1,811	18,600	33,903	138,764	1,411	244,489
Tuna, Bluefin									9,647	173			9,820
Tuna, Skipjack									1,069	455	10,900	5,840	513
Whitefish, Ocean	3,742	918	419	64	77	21	233	179		745	220	1,384	7,790
Mucilaginous Fish	399	791	345	365	379	356	142	369	438	789	1,155	1,007	6,611
Crustaceans													10
Dolph. Rock	23,134	14,792	10,017							38,484	12,340	14,472	109,860
Lobster, Spiny													2
Mollusk													1
Absalone	48,337		3,867	102,975	189,775	84,100	145,485	103,005	68,317	35,812	94,225	33,200	909,905
Oyster, Pacific	1,000	18,210	18,210	1,211	2,000	20,000	18,210	18,210	18,210	18,210	18,210	18,210	18,210
Oyster, Japanese	470	1,392	2,492	1,652	799	711	1,525	2,052	2,140	3,809	3,008	3,610	23,450
Total pounds	195,739	151,009	120,079	245,200	342,987	367,199	307,739	371,575	358,512	366,178	258,501	185,009	3,703,659

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Fishing Boat Landings from Waters South of International Boundary													
Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Barracuda.....	46,200
Total pounds.....	46,200
Grand total.....	196,789	131,609	139,689	246,505	342,687	367,196	337,759	371,375	358,813	366,176	238,361	194,298	3,749,836

COMMERCIAL FISH LANDINGS IN LOS ANGELES REGION DURING 1938
Fishing Boat Landings from California Waters

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Anchovy.....	50,769	2,563	1,737	2,330	2,812	3,439	150	16,905	32,693	115,500	19,750	197,243	440,259
Barracuda.....	3,270	4,513	58,188	149,435	215,165	174,934	134,392	43,739	21,398	404	208	240	838,758
Carp.....	14	14	14	14	14	14	14	14	14	14	14	14	200
Catfish, Pacific.....	121	19	121	14	18	3	18	41	8	888	22	1,205	14
Clay.....	1	1	1	1	1	1	1	1	1	1	1	1	6
Flying Fish.....	1	1	1	1	1	1	1	1	1	1	1	1	6
Hake.....	1	1	1	1	1	1	1	1	1	1	1	1	6
Hhalibut.....	1	1	1	1	1	1	1	1	1	1	1	1	6
Kingfish.....	30,027	32,444	9,072	60,323	44,922	34,256	25,445	13,763	15,126	17,162	27,390	28,968	339,098
Mackerel, Horse.....	2,882	67,121	48,182	29,182	1,000	9,460	10,625	12,921	11,121	11,121	11,121	11,121	3,645,463
Mackerel, Pacific.....	6,404,563	2,267,758	1,068,627	2,013	4,259	324,547	2,771,993	20,648,166	11,150,357	6,406,023	5,527,331	13,533,015	73,971,748
Mallot.....	190	84	1	1	1	1	1	1	1	1	1	1	1
Persimmon.....	1,000	1,000	16,000	16,000	1,405	3,235	1,514	3,830	3,830	3,830	3,830	3,830	10,000
Pompano, California.....	13,355	7,966	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	2,922
Redfish.....	163	7	29	42	200	63	104	6	12	4	1	631	1
Rock Bass.....	1	1	1	1	1	1	1	1	1	1	1	1	1
Rudderfish.....	29,872	26,322	42,564	45,760	22,197	13,285	24,162	9,955	7,449	12,079	16,394	28,215	221,879
Sabretooth.....	14,101	20,332	20,607	31,069	25,059	9,416	1,271	1,533	1,533	1,533	1,533	1,533	514,460
Sand Dab.....	717	561	807	654	259	836	340	534	387	308	349	412	6,181
Sardine.....	43,579,882	52,440,882	18,585,882	22,770,882	20,435	4,415	10,190	32,520	105,520	49,000	7,090	70,710	259,140,882
Sole, California.....	1,716	4,112	1,043	11,958	12,120	9,561	10,609	6,424	7,090	5,008	4,444	93,276	1
Sea Bass, Black.....	62	56	498	2,148	1,957	1,740	795	3,160	1,012	703	1,320	1,320	17,473
Sea Bass, White.....	1,270	2,400	4,177	18,577	3,277	3,277	18,577	20,081	20,081	20,081	20,081	20,081	92,597
Sharkhead.....	3,248	2,531	10,133	12,696	36,638	49,560	26,168	31,633	14,569	10,833	6,336	2,064	201,431
Skatehead.....	1,573	2,034	1,206	10,729	6,745	4,105	1,633	1,531	2,658	4,577	6,279	6,210	32,120
Skatehead, California.....	43	43	1,020	1,020	1,020	1,020	1,020	1,020	1,020	1,020	1,020	1,020	718
Señorita.....	13,883	15,401	6,953	22,096	17,246	16,297	8,629	10,980	13,978	21,159	18,291	14,601	178,712
Sole.....	92	446	415	504	354	13,998	43,620	56,427	44,173	14,914	2,960	2,960	125
Swordfish, Broadbill.....	1	1	1	1	1	1	1	1	1	1	1	1	1
Tuna, Albacore.....	141	1	1	1	1	1	1	1	1	1	1	1	1
Tuna, Bonito.....	457,256	205,421	37,223	454	1,460	13,586	15,167	245,668	1,038,059	677,330	10,889	13,227	2,970,570
Tuna, Skipjack.....	1	1	1	1	1	1	1	1	1	1	1	1	1
Tuna, Yellowfin.....	2	2,010	3,445	554	58	15	151	151	151	151	151	151	3,436
Turbot.....	15	1,176	4,111	7,855	6,008	12,983	9,602	14,241	202	927	24,423	15,423	55,013
Miscellaneous Fish.....	643	282	123	809	1,771	4,092	1,511	30,916	30,486	13,063	7,218	17,319	106,442

Crustacean:												
Crab, Rock.....	502	533	47	500	775			1,068	43,975	10	42	3,837
Lobster, Spiny.....	23,451	12,331	5,557							25,437	32,599	143,342
Mollusk:												
Abalone.....	30	216	1,702	1,640	450	930	812	795	450	523	7,610	
Clam, Cockle.....	1,560	1,693	2,123	1,801	1,846	2,513	1,831	851	3,101	2,682	1,719	1,546
Oyster.....	34	34	34	34	34	34	34	34	34	34	34	34
Squid.....	345	53,865	63,170							75	75	4,890
Total pounds.....	57,603,020	55,915,738	16,096,964	591,023	425,450	3,123,511	10,251,736	25,856,930	15,104,614	8,176,768	76,712,645	90,822,882
												290,790,594

Fishing Boat Landings from Waters North of State Boundary

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Tuna, Albacore.....										1,501,382	35,998		1,537,380
Total pounds.....										1,501,382	35,998		1,537,380

COMMERCIAL FISH LANDINGS IN LOS ANGELES REGION DURING 1938—Continued
Fishing Boat Landings from Waters South of International Boundary

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Barnacles.....	155,265	122,023	67,031	1,280				2,420	30,040	118,110	113,627	58,996	729,281
Cabilla.....	18,665	7,231	4,860			9,058					21,751	22,322	83,997
Codfish, Mexican.....	2,158	1,019	333							261	4,522	22,721	21,527
Grouper.....	7,755	33								354	248	46	8,476
Hake, California.....													230
Mackerel, Pacific.....	810	1,792				155					652	1,347	1,802
Mackerel, Spanish.....						345	100	89		478	696	1,562	7,038
Rockfish.....										478	3,431	4,112	8,585
Sea-bass, Black.....	13,200	12,936	5,535	4,007	8,544	14,710	40,200	24,739	58,144	23,765	4,112	2,639	217,822
Sea-bass, Yellow.....							32			22,311	22,311	40	41,916
Shark.....										85	1,050	229	1,394
Swordfish, Broadbill.....											348		792
Tuna, Bluefin.....										30,718	35,204		
Tuna, Skipjack.....	152,125	1,625	121			72				165,330	381,969	400	
Tuna, Yellowfin.....	772,465	631,882	1,377,549	262,831	246,458	825,383	1,830,417	1,733,728	1,121,247	145,569	11,755		3,641,925
Yellowtail.....	1,375	1,766	1,732	194	341	1,669	131,025	1,759,473	3,540,063	2,391,214	598,987	185,809	19,113,409
Miscellaneous Fish.....										350	111	1,417	2,007
Total pounds.....	1,158,383	841,545	1,054,494	1,014,297	3,359,031	2,820,969	6,329,045	8,465,633	5,354,176	1,753,014	446,598	732,914	33,940,372

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Shipments from North of State Boundary

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Tuna, Albacore.....	7,307	26,624		5,538	500	4,435	3,899,134	505,620	957,751	150,062	5,539,871
Total pounds.....	7,307	26,624		5,538	500	4,435	3,899,134	505,620	957,751	150,062	5,539,871

Shipments from South of International Boundary

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Barracuda.....			316										316
Cabrilla.....			2,672	29,555	22,101	6,421				432	1,162	4,318	63,669
Catfish.....	8,831	11,921	22,049	14,494	1,897					109	4,007	12,042	121,113
Sea-bass, Black.....			177										177
Sea-bass, Totowa.....	392,305	631,949	321,543	220,609	276,611	113,089				129,214	178,151	216,165	2,696,637
Crustacean:													
Shrimp.....	1,425	215			3,262								4,932
Total pounds.....	402,318	664,095	547,313	320,512	303,891	119,510				129,745	180,320	222,323	2,900,537

Shipments from Japan

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Tuna, Albacore.....					1,928	366,662	386,537	269,022					1,602,641
Tuna, Oriental.....					1,182								4,328
Tuna, Skipjack.....	106,302	66,539	698,158	1,109,436	1,075,111	371,222	74,388						3,494,437
Tuna, Yellowfin.....					49,93								74,561
Total pounds.....	106,302	66,539	698,158	1,109,436	1,043,701	508,179	395,147						102,701
Grand total.....	59,269,929	57,537,092	15,375,320	2,633,458	5,198,247	2,767,091	17,094,045	35,619,546	29,967,410	12,501,070	77,320,620	91,891,621	409,332,627

COMMERCIAL FISH LANDINGS IN SAN DIEGO REGION DURING 1938

Fishing Boat Landings from California Waters

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Barracuda	60	148	74	5,183	56,970	95,817	123,173	55,591	24,639	967	8	384	363,014
Cultus, Pacific											23		23
Halibut, California	27,476	45,645	31,746	31,005	8,603	2,394	1,417	6,633	3,378	384	7,280	8,905	174,866
Herring, Pacific				42							3,279	50	3,329
Kingfish						100		66	45	38	331	20	642
Mackerel, Horse					7,765	61,936	11,569						51,270
Mackerel, Pacific	245,586	20		327	12,375	738,732	398,497	763,515	319,380	225,984	739,092	912,291	4,355,999
Mullet				270	1,147	628		36			1,344	50	3,475
Perch							691						691
Pompano, California								572					
Rock Bass	842	400	3,046	8,737	6,169	15,740	19,562	45,800	20,001	720	2,201	281	123,499
Rockfish	4,701	845	3,243	7,709	13,866	19,155	5,014	7,735	3,306	612	1,591	6,786	74,563
Sardine													5,512,903
Sculpin					214,915	150,245	112,035	68,487	4,435	1,929	2,768	1,487	4,862,016
Sea-bass, Black	228	350	5,330	22,656	7,189	611	1,205	2,200	1,961	8,133	6,362	4,928	61,153
Sea-bass, Short-fin	42	216		258	582	92	230	401	1,460	59	255	232	3,827
Sea-bass, White	2,441	2,103	1,506	404	2,766	6,257	19,535	2,761	4,092	902	4,262	1,723	2,259
Shark	3,921	4,282	6,253	3,325	6,421	1,922	11,519	4,072	6,472	1,636	745	669	48,852
Sheepshead	446	133	195	98	167	10				936	383	262	51,237
Skate	152		275	68	70							129	2,759
Smelt	494				180	532			753	2,260	600		665
Sole				8	40	15							4,819
Swordfish, Broadbill						14,863	26,837	9,455	1,958	755			63
Tuna, Albacore							124,866	32,843	11,178	47,120	71,573		53,868
Tuna, Bluefin				309	53,181	542,977	909,119	186,726	278,226				257,580
Tuna, Bonito				160	63,970	362,963	413,264	72,158	187,456	3,690	15,360	988	1,970,538
Tuna, Skipjack													1,687,217
Tuna, Yellowfin													2,762
Whitefish, Ocean	135	30	90				125	62	5,619	1,277		57	7,140
Yellowtail	15	578	491	24,401	30,226	56,627	33,961	18,589	20,251	273	5,178	35	900
Miscellaneous Fish												55	190,625
Crustacean:													55
Lobster, Spiny	7,704	504	252							26,326	10,891	9,499	55,176
Mollusk:													
Squid		293									384	4,064	4,741
Total pounds	534,934	568,990	230,877	217,187	340,980	1,927,145	2,102,513	1,212,361	892,761	325,491	5,733,014	1,044,829	15,131,082

Fishing Boat Landings from Waters North of State Boundary

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Tuna, Albacore.....	290,378	167,343	457,721
Total pounds.....	290,378	167,343	457,721

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COMMERCIAL FISH LANDINGS IN SAN DIEGO REGION DURING 1930—Continued
Fishing Boat Landings from Waters South of International Boundary

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Barracuda	33,079	37,506	88,252	15,181	13,400	3,200	728	11,366	122,519	105,173	43,069	19,703	494,525
Cod, Pacific	23,144	24,144	1,222	2,237	2,237	1,222	1,222	1,222	1,222	1,222	1,222	1,222	61,046
Grouper	1,593	1,149	1,222	11,059	1,549	3,055	957	6,793	1,345	16,816	46,431	—	61,046
Halibut, California	29,382	222	5,098	55	6,611	7,323	19,837	37,082	75,999	33,603	7,278	3,204	247,799
King Mackerel	—	—	—	—	—	90	—	—	—	—	—	—	14
Mackerel, Pacific	2,148	—	—	—	—	—	—	—	—	—	512	21	376
Mackerel, Spanish	2,748	2,132	2,370	2,633	2,241	4,447	1,835	594	1,585	875	433	1,001	999
Rockfish	4,853	11,301	15,405	41,105	3,694	4,936	7,658	4,745	9,591	23,605	22,612	11,710	160,185
Sardine	—	—	—	—	—	—	—	—	—	—	—	—	—
Solefish	—	—	—	—	—	—	—	—	—	—	—	—	109
Sequin	—	—	17	—	89	—	—	—	—	—	—	—	—
Sea-bass, Black	6,812	22,208	9,067	10,317	8,835	12,261	12,261	12,261	12,261	12,261	12,261	12,261	131,779
Sea-bass, Green	1,258	—	12,214	1,258	1,258	1,258	1,032	11,469	26,589	164,908	30,066	18,874	10,160
Shark	733	—	223	205	761	8,610	—	—	—	—	59	10,74	10,657
Sheepshead	2,294	1,034	98	298	—	—	—	—	—	—	1,412	1,361	1,312
Sole	—	—	—	—	—	—	—	—	—	—	—	—	135
Smelt	525	12	—	—	—	—	—	—	—	—	45	322	349
Spanish Mackerel	—	—	—	—	—	—	348	12,020	203,457	131,227	100,280	1,000	345,469
Tuna, Albacore	—	—	—	—	—	—	—	—	—	—	—	—	29,919
Tuna, Bluefin	—	—	—	—	—	—	—	—	—	—	—	—	65,498
Tuna, Skipjack	39,095	25,075	17,462	1,634	1,549	662	12,588	75,237	275,881	18,127	7,928	2,332	569,498
Tuna, Striped	34,248	38,495	544,688	2,041,625	3,111,288	1,772,327	3,285,561	1,630,031	2,105,058	386,471	10,402	5,875	14,807,550
Tuna, Yellowfin	23,600	21,730	4,900	2,394,625	6,046,800	8,324,600	5,689,600	5,541,600	4,836,600	3,020,600	2,000,600	5,875	54,170
Whiting, Ocean	13,600	0,281	2,678	1,008	692	143	993	1,993	2,246	6,201	2,872	3,858	41,376
Yellowtail	101,180	36,685	218,223	89,796	142,975	174,949	801,869	1,647,311	985,434	37,767	13,041	66,805	4,277,188
Miscellaneous Fish	—	—	—	—	—	—	—	—	—	274	—	—	334
Crustaceans	—	—	—	—	—	—	—	—	—	—	—	—	—
Lobster, Spiny	176,505	231,015	162,372	—	—	—	—	—	—	—	4,021	109,526	206,155
Mollusk	—	—	—	—	—	—	155	—	—	—	—	—	155
Total pounds	3,391,364	2,632,343	6,083,889	5,624,595	10,246,679	10,399,982	13,993,354	9,232,721	9,316,414	5,237,066	3,795,634	2,493,213	81,950,284

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Shipments from North of State Boundary

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Tuna, Albacore.....	139,347	17,066	11,410	167,823
Total pounds.....	139,347	17,066	11,410	167,823

Shipments from South of International Boundary

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds	
Caballa.....	4,640	4,420	8,460	
Swordfish, Tuna, etc.....	7,318	16,899	7,352	16,796	2,181	12,788	7,497	79,771	
Total pounds.....	7,318	16,899	7,352	16,796	6,007	12,788	7,497	79,771	
Grand total.....	3,926,798	3,205,649	5,931,572	5,849,139	10,606,465	12,330,734	16,611,897	10,554,429	10,225,241	5,877,163	9,695,591	3,835,539	97,759,147

ORIGIN OF COMMERCIAL FISH LANDINGS IN CALIFORNIA DURING 1939

Species	California	North of State Boundary	South of International Boundary	Japan	Total pounds
Anchovy	2,147,901				2,147,901
Barnauda	2,969,250		1,122,804		4,092,054
Cabezone	4,023				4,023
Cabrilha			141,548		141,548
Carp	14,213				14,213
Catfish	217,036				217,036
Corbina, Mexican			43,602		43,602
Cultus, Pacific	573,059	1,450	602		575,111
Flounder, Starry	739,311				739,311
Flying Fish	20,321				20,321
Grouper			41,430		41,430
Hake	13,161				13,161
Hallibut, California	746,509		269,537		1,016,046
Halibut, Northern	376,655	1,160			377,825
Hardhead	12,921				12,921
Herring, Pacific	302,242				302,242
Kingfish	542,826		75		542,901
Mackerel, Horse	3,760,155				3,760,155
Mackerel, Pacific	80,905,992		382		80,909,374
Mackerel, Spanish				16,041	16,041
Mullet	3,018				3,018
Perch	140,187				140,187
Pike	183				183
Pompano, California	3,404				3,404
Rather	750				750
Rock Bass	238,423		27,730		266,153
Rockfish	3,184,560	1,326	144,686		3,330,672
Sablefish	267,044				267,044
Salmon	2,730,180	28			2,730,208
Sand Dab	817,219	3,985			821,204
Sardine	1,160,733,581				1,160,793,581
Sculpin	128,500		128		128,628
Sea-bass, Black	32,964		427,979		460,943
Sea-bass, Short-fin	2,600				2,600
Sea-bass, Totowa			2,304,450		2,304,450
Sea-bass, White	806,604		187,792		994,396
Sea-trout, California	24				24
Shad	1,316,768				1,316,768
Shark	9,294,428		3,885		9,227,750
Sheenhead	58,399		12,962		71,361
Skate	336,724	130			336,854
Smelt	474,087		599		474,686
Sole	9,664,824	79,998			9,744,792
Split-tail	15,461				15,461
Sucker	53				53
Swordfish, Broadbill	328,630		265,730		594,360
Tomcod	4,675				4,675
Tuna, Albacore	8,264,109	4,078,562	4,187	4,076,376	16,423,234
Tuna, Bluefin	9,318,934	44	2,516,737		11,835,715
Tuna, Bonito	6,697,249		3,221,626		9,918,875
Tuna, Skipjack	2,718,641		27,402,250	1,066,059	31,170,900
Tuna, Yellowfin	457		109,990,396		110,417,801
Turbot	104,535				104,535
Whitefish	166,125				166,135
Whitefish, Ocean	24,281		19,407		43,688
Yellowtail	282,524		2,603,764		2,866,288
Miscellaneous Fish	269,902	1,175	778		271,855
Crustacean:					
Crab	5,941,961	2,544			5,944,505
Crab, Rock	3,984				3,984
Lobster, Spiny	376,928		912,968		1,289,896
Shrimp	1,180,250				1,180,250
Mollusk:					
Abalone	1,804,440				1,804,440
Clam, Cockle	20,907		2,163		23,070
Clam, Gaper	3,974				3,974
Clam, Pismo	192,694				192,694
Clam, Razor	175				175
Clam, Soft-shell	75,721				75,721
Clam, Washington	21,135				21,135
Mussel	1,800				1,800
Octopus	29,516				29,516
Oyster, Eastern	130,684				130,684
Oyster, Japanese	1,598,460				1,598,460
Oyster, Native	13,751				13,751
Scallop		300			300
Squid	1,162,036				1,162,036
Total pounds	1,325,264,403	4,170,672	151,655,948	5,142,435	1,486,233,458

REGION OF LANDING OF COMMERCIAL FISH LANDINGS IN CALIFORNIA DURING 1937

Species	Del Norte and Eureka Region	Sacramento Region	San Francisco Region	Monterey Region	Santa Barbara Region	Los Angeles Region	San Diego Region	Total pounds
Anchovy				214,607	11,070		1,921,024	2,147,561
Barracuda				200	3,886	229	2,418,211	4,092,054
Cobia							113,290	1,493,544
Carp			14,213				22,158	141,348
Catfish			21,621					14,213
Cobia, Mexican								23,171
Flounder, Starry		242,197	370	100,511	6,207		545	45,000
Flying Fish				478,060	16,205	2,954	93	708,311
Hake						\$1	10,126	20,221
Hake, White							20,400	41,600
Haddock, California			3,570		6,641	150		12,661
Haddock, Northern			277,711		28,650	3,087	302,249	297,561
Halibut					21			33
Hardhead								12,921
Herring, Pacific			14,473		275,300	1,173		6,112
Kingfish				5,358	189,032	535	347,210	377,825
Lake Whitefish					52,408		725	342,961
Mackerel, Pacific			18		55	252,400	3,054,557	3,309,158
Mackerel, Spanish						30,005	6,254,557	6,309,558
Percal							97	10,000,000
Perch			6,875		57,095	25,833	20,396	245
Pompano, California					201			3,203
Ratfish								750
Rockfish								1,000
Rockfish			754,543		388,565		30,401	106,786
Salmon		505,098		14,757		201,039	355,768	117,651
Salmon		1,721,200		13,818		23		309,236
Sand Dab		219,393		612,058	94,025		122,533	3,330,672
Scallop			58,547,573		439,599,473	5,021	5,178	767,044
Sea-bass, Black					402	238,840	51,264	2,207,400
Sea-bass, Greenfin					245	13,373	212,574	511,264
Sea-bass, Tuna						88,565	244,751	341,415
Seaduck, California			11		16,817		221,874	333,390
Shad					15		318,025	1,160,000
Shad					3			24
Sheepshead			38,472		470	40		1,316,716
Sheepshead								2,000,000
Spiny					3,001,000		2,400,000	5,401,000
Spiny			26,630		30,235	24,949	29,535	71,361
Spiny			21,735		17,318	31,111	16,676	54,486
Spiny						149,529	7,730	148,659

REGION OF LANDING OF COMMERCIAL FISH LANDINGS IN CALIFORNIA DURING 1939—Continued

Species	Dal Norte and Eureka Region	Sacramento Region	San Francisco Region	Mercervey Region	Santa Barbara Region	Los Angeles Region	San Diego Region	Total pounds
Sole	4,128,333	15,611	4,207,821	1,174,532	216,694	5,533	1,559	9,744,702
Splittail		33						33
Sucker					75,089	260,726	258,554	594,360
Swordfish, Broadbill								4,675
Tomcod	3,805		520					
Tuna, Bluefin	2,992		46,021	4,828,432	1,561,735	9,321,449	545,812	16,425,274
Tuna, Bonito			4,715		9,727	10,369,653	1,451,020	11,833,715
Tuna, Yellowfin					28	37,671	8,760,131	4,431,515
Turbot					10	18,644	16,631,035	31,185,030
Whiting	439				75	36,160,712	74,267,014	110,417,901
Whitefish, Ocean	136,295							
Yellowtail					22,444	4,208		
Miscellaneous Fish	111,625					13,510	10,444	19,528
							1,064,280	43,693
						10,391	69,594	2,826,780
							1,575	271,855
Crustacean	2,064,035		3,561,416	378,136				5,944,405
Crab, Rock						3,694		3,594
Lobster, Spiny						122,238	184,526	1,289,896
Shrimp			1,178,079	4,271			937,132	1,189,200
Mollusks								
Ablone					786,450	1,011,937	3,903	1,904,440
Clam, Cockle	2		295		30	22,761		23,070
Clam, Gaper			3,938		36			3,974
Clam, Green					16,264	176,944		192,208
Clam, Rane								175
Clam, Soft-shell	175							
Clam, Tegula					75,157			75,157
Cod	17,561				3,574			21,135
Mussel	1,800							1,800
Oscoper	2,231				4,000	25,255	349	29,430
Oyster, Eastern	6,522				124,162	19,342		130,684
Oyster, Japanese								1,440,910
Oyster, Scallops	1,900				1,378,118			15,731
Scallop	300				18,846			300
Squid					1,497,818		62,789	1,455
								1,162,059
Total pounds	10,750,995	99,185,713	415,776,915	442,512,761	6,872,449	403,543,276	107,589,348	1,480,223,458

MONTHLY COMMERCIAL FISH LANDINGS IN CALIFORNIA DURING 1939

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Anadory	17,267	6,383	69,014	65,297	34,532	15,055	11,260	12,935	167,285	320,700	365,754	499,484	2,147,961
Barracuda	141,738	230,018	457,787	560,004	415,567	567,294	309,690	320,456	278,473	332,646	273,568	205,703	4,092,054
Cabonate	73	141	961	1,632	180	188	15	338	147	27	334	37	4,023
Cod, California	13,881	8,744	6,084	11,141	11,256	10,481	10,481	10,481	10,481	10,481	10,481	10,481	14,213
Carp, Florida	1,303	8,134	5,702	2,258	926	1,195	329	5,144	—	301	293	10,999	21,000
Catfish	15,795	4,789	26,307	55,242	5,421	5,048	5,700	4,885	35,507	29,694	27,141	13,000	43,962
Catfish, Mountain	1,204	141	56	56	7,950	—	—	—	—	—	—	—	20,231
Catfish, Pacific	17,735	22,662	104,914	55,910	51,485	32,757	52,290	55,035	54,496	50,772	54,549	19,202	575,111
Flounder, Starry	8,771	30,548	7,474	62,222	31,900	4,000	1,000	1,000	1,000	1,000	1,000	1,000	20,231
Flying Fish	—	—	—	—	2,650	4,212	3,965	5,12	3,579	—	—	—	—
Grouper	5,352	4,400	562	2,091	4,983	2,750	5,734	1,356	1,025	7,600	5,380	13,420	1,016,046
Hake	1,520	1,520	1,520	1,520	1,520	1,520	1,520	1,520	1,520	1,520	1,520	1,520	12,921
Halibut, California	31,965	115,435	149,675	77,042	62,323	121,203	64,914	70,455	62,011	69,764	64,445	—	—
Hallibut, Northern	10	23	22	117,467	59,956	101,168	4,784	6,802	6,892	—	—	—	—
Haddock	2,279	—	—	—	—	—	—	—	—	—	—	—	—
Herring, Pacific	166,535	60,012	25,509	485	—	—	—	—	—	4,372	20,439	302,242	—
Kingfish	49,111	49,111	49,111	49,111	49,111	49,111	49,111	49,111	49,111	49,111	49,111	49,111	3,621,621
Mackerel, Horse	2,568,616	9,877	130,790	9,241	3,730	20,374	55,589	25,149	446,195	4,484	424,341	38,769	3,760,153
Mackerel, Pacific	9,276,253	25,616	94,746	62,939	69,902	1,857,158	4,073,099	6,932,324	7,988,580	10,792,200	15,157,214	80,990,214	10,041
Mahi-mahi, Spanish	1,571	1,571	1,571	1,571	1,571	1,571	1,571	1,571	1,571	1,571	1,571	1,571	1,571
Mullet	1,020	678	563	—	—	—	—	—	153	78	2,025	—	3,018
Pred.	13,881	9,431	38,545	32,676	485	879	11,633	14,969	7,686	3,451	3,101	2,251	140,187
Pike	17	17	54	13	13	23	23	23	23	30	183	—	—
Pompano, California	2	2	298	62	65	100	13	97	405	1,083	658	3,018	—
Rock Bass	8,672	12,184	14,309	14,309	9,115	41,345	60,754	42,093	11,460	17,565	19,039	15,866	269,133
Rockfish	27,496	228,372	56,012	49,401	384,478	272,104	24,693	24,693	24,693	24,693	24,693	24,693	3,621,621
Saltwater Taffy	19,127	15,927	45,401	45,401	45,401	45,401	45,401	45,401	45,401	45,401	45,401	45,401	767,044
Salmon	18,667	21,405	46,430	105,457	551,166	508,539	1,007,302	298,519	137,654	2,631	32,257	2,730,204	—
Smelt	28,600	55,500	55,500	55,500	55,500	55,500	55,500	55,500	55,500	55,500	55,500	55,500	2,730,204
Sardine	202,398,714	62,912,930	33,978,517	513,822	331,198	312,786	399,884	417,344	47,434,383	223,420,580	290,107,447	308,754,970	1,160,793,581
Sedgpin	7,624	13,594	17,492	11,046	13,335	12,575	11,157	11,113	5,817	—	—	—	2,000
Seabass, Black	21,412	21,412	21,412	21,412	9,430	20,250	20,250	11,013	8,810	49,945	48,019	6,208	409,943
Seabass, Short-fin	—	—	—	—	33	30	1,278	1,259	—	—	—	—	—
Seabass, Totowa	174,170	436,333	50,611	34,011	21,521	1,400	1,400	1,400	1,400	1,400	1,400	1,400	3,621,621
Sea-bream	3,234	3,418	29,359	63,498	37,344	35,302	30,216	64,149	298,946	206,856	130,316	54,573	994,395
Sea-trot, California	—	—	—	—	11	—	—	—	13	—	—	—	1,116,768
Shad	877,379	320,471	33,831	49,539	64,419	1,430,896	1,141,330	889,125	625,257	705,683	1,035,406	1,361,033	9,227,750
Shark	4,940	7,443	8,469	5,108	5,326	1,912	499	2,121	2,410	2,067	13,978	14,837	71,391
Sheepshead	—	—	—	—	—	—	—	—	—	25,205	22,763	27,242	336,534
Shark	43,127	41,809	31,783	17,091	20,213	21,791	24,992	25,217	24,992	25,217	24,992	25,217	—

MONTHLY COMMERCIAL FISH LANDINGS IN CALIFORNIA DURING 1939—Continued

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Smelt.....	61,789	59,671	59,542	55,016	22,923	30,733	32,890	45,711	34,482	28,030	28,096	23,953	474,889
Sole.....	699,772	1,482,605	971,466	767,248	861,171	763,447	684,516	714,152	699,772	772,500	805,113	801,305	9,729,792
Squid.....	1,474	151	146	140	141	140	145	140	145	140	145	140	15,461
Sucker.....	22	31	—	—	—	—	—	—	—	—	—	—	53
Swordfish, Broadbill.....	—	—	—	—	—	—	—	—	—	—	—	—	—
Tuna, Bonito.....	259	—	—	—	—	—	—	—	—	—	—	—	594,509
Tuna, Albacore.....	20,806	108,333	389,402	924,098	436,152	1,302,208	1,299,767	2,236,430	7,262,151	2,440,351	44,823	—	16,422,234
Tuna, Skipjack.....	58,404	3,875	44,900	364,587	865,554	1,141,286	295,330	3,207,488	1,985,585	1,827,034	210,077	131,307	9,918,872
Tuna, Skipjack.....	359,235	925,119	2,659,951	3,073,029	1,995,177	3,661,257	3,094,804	5,167,242	3,072,745	3,669,413	5,235,745	3,120,300	12,175,172
Turbot.....	1,939	8,100	10,921,455	12,101,741	10,291,421	12,101,741	12,101,741	12,101,741	12,101,741	12,101,741	12,101,741	12,101,741	110,417,801
Whiting.....	1,300	3,908	11,542	7,052	3,397	10,501	8,110	13,191	21,651	9,958	5,750	2,905	104,252
Whiting, Ocean.....	10,731	4,000	5,416	2,167	294	303	220	1,549	1,308	1,348	4,306	10,352	43,688
Yellowtail.....	20,169	11,838	37,422	155,153	42,899	628,601	427,128	332,030	308,963	196,999	291,532	201,130	2,866,284
Miscellaneous Fish.....	15,627	16,099	16,191	25,646	36,143	25,399	20,053	15,591	17,842	16,044	21,269	37,281	271,853
Cephalopods.....	—	—	—	—	—	—	—	—	—	—	—	—	—
Crab.....	451,538	441,048	715,902	263,249	784,142	695,413	702,058	490,518	11,700	—	355,108	472,518	5,944,503
Crab, Rock.....	39	713	1,812	200	95	200	469	20	—	—	38	395	3,984
Lobster, Spiny.....	342,484	292,184	195,771	195,771	195,771	195,771	195,771	195,771	195,771	195,771	195,771	195,771	1,290,495
Shrimp.....	84,638	54,681	74,763	67,633	95,500	224,013	190,130	114,703	104,669	77,437	54,453	30,902	1,180,250
Mollusks.....	—	—	—	—	—	—	—	—	—	—	—	—	—
Absalone.....	3,900	—	244,069	224,451	235,025	136,363	250,857	252,513	311,604	62,435	23,325	29,025	1,804,440
Clam, Green.....	1,381	1,388	3,279	2,090	2,278	2,278	1,624	1,624	1,624	1,624	1,624	1,624	1,624
Clam, Gaper.....	269	404	423	407	235	454	414	380	249	230	212	198	3,074
Clam, Pismo.....	13,422	16,683	16,945	12,948	14,674	17,549	20,330	16,809	17,686	16,481	15,178	13,900	192,694
Clam, Purple.....	—	—	—	—	—	—	—	—	—	—	—	—	17
Clam, Soft-shell.....	7,149	6,535	6,597	6,053	7,227	7,001	6,894	6,622	5,392	3,886	3,622	4,017	55,721
Clam, Washington.....	2,604	2,797	3,055	1,814	1,890	454	377	154	2,935	1,514	2,050	2,094	1,809
Ostropes.....	—	—	—	—	—	—	—	—	—	—	—	—	—
Oysters, American.....	1,338	1,960	6,143	5,943	4,295	3,698	2,913	1,965	2,767	152	409	20,516	—
Oysters, Japanese.....	12,141	12,141	12,141	12,141	12,141	12,141	12,141	12,141	12,141	12,141	12,141	12,141	12,141
Oyster, Japanese.....	127,691	196,829	179,803	174,702	110,140	30,143	55,825	73,723	109,497	172,634	162,581	116,067	1,568,460
Oyster, Native.....	1,965	1,731	1,113	71	—	—	—	1,041	2,727	1,880	428	10	13,711
Squid.....	21,344	335	70,155	390,095	45,670	203,155	155,018	30,563	42,945	33,682	40,263	2,039	309
Total pounds.....	219,527,452	70,579,316	30,292,782	22,178,051	24,325,781	25,308,943	30,680,446	40,111,969	81,765,398	253,564,919	316,027,664	342,518,587	1,458,233,438

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COMMERCIAL FISH LANDINGS IN DEL NORTE AND EUREKA REGION DURING 1939
Fishing Boat Landings from California Waters

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Cultus, Pacific.....	1,492	6,886	87,515	21,133	23,962	16,626	35,881	43,184	22,352	37,369	35,657	8,376	310,347
Flounder, Starry.....	728	1,249	51,453	12,516	20,307	11,226	43,001	24,720	19,226	12,242	21,226	2,317	243,117
Hake, California.....	209	250	395	115	100	450	2,350	3,870
Halibut, California.....	305	50	1,376	1,726
Halibut, Northern.....	305	50	1,376	1,726
Herring, Pacific.....	10,075	4,460	77,008	11,707	58,826	101,121	6,282	6,882	6,882	14,475	276,611
Mackerel, Pacific.....	11
Pacific Cod.....	12	12	1,829	1,209	1,209	1,209	1,282	366	64	4,875
Rockfish.....	12,547	9,573	28,157	109,585	113,355	24,347	72,921	55,259	45,453	75,820	109,279	28,065	283,217
Sablefish.....	230	1,005	10,022	23,170	23,477	23,127	345,820	612,031	279,014	137,754	137,754	14,170	503,035
Salmon.....	12,353	33,421	29,402	30,999	22,045	28,455	4,320	12,512	29,855	14,456	1,673,125
Sand Dab.....	11	11
Sea Bass, California.....	1,033	1,425	2,953	1,272	1,030	515	4,800	338	9,223	3,056	11,471	1,568	34,472
Shark.....	1,033	1,425	2,953	1,272	1,030	515	4,800	338	9,223	3,056	34,472
Seatear.....	390	149	9,109	1,019	1,019	1,019	1,019	1,019	1,019	1,019	1,019	1,019	55,620
Smelt.....	47	47	47	91	264	2,321	2,430	2,809	6,040	5,567	170	497
Sole.....	38,923	23,748	496,039	604,331	640,660	491,742	342,171	313,413	105,400	272,635	506,241	109,279	4,000,400
Tuna.....	2,335	513
Tuna, Albacore.....	3,908
Turbot.....	27,395	30,140	26,432	15,727	11,007	14,544	9,653	795	107	130,293
Whiting.....	1,291	17,755	16,145	18,290	13,913	9,223	3,038	6,461	9,966	6,455	110,450
Miscellaneous Fish.....	610	455	8,105	21,405	21,405	21,405	21,405	21,405	21,405	21,405	21,405	21,405	21,405
Crustacean:													
Crab.....	41,700	112,802	265,370	309,246	393,968	305,645	271,070	180,766	11,700	43,539	2,002,409
Mollusk:													
Clam, Cockle.....	25	80	50	40	20	2	2
Clam, Razor.....	36	32	79	45	42	73	22	12	10	12	44	175	584
Clam, Soft-shell.....	26	24	2,727	1,282	1,282	1,282	1,282	1,282	1,282	1,282	1,282	1,282	17,561
Clam, Whelk.....	2,612	2,612	2,612	2,612	2,612	2,612	2,612	2,612	2,612	2,612	2,612	2,612	1,900
Mussel.....	1,900	1,900	1,900	1,900	1,900	1,900	1,900	1,900	1,900	2,130
Octopus.....	1,614	115	41	185	1	25	15	6,322
Oyster.....	698	1,892	1,905	1,614	1,614	1,614	1,614	1,614	1,614	1,614	35	10	1,905
Oyster, Native.....	1,905	1,905	1,905
Total pounds.....	110,330	201,073	1,011,569	1,337,936	1,050,869	1,387,149	1,005,335	1,149,035	589,335	492,055	781,920	258,594	10,658,930

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COMMERCIAL FISH LANDINGS IN DEL NORTE AND EUREKA REGION DURING 1939 - Continued
Fishing Boat Landings from Waters North of State Boundary

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Oceanic Pacific:													
Halibut, Northern				175									1,450
Rockfish						39							1,160
Salmon						1,326							1,326
Sand Dab					175								26
Seateye							3,810						3,983
Sole							130						130
Miscellaneous Fish				6,500		2,000							79,990
						3,175							1,173
Crustaceans:													
Crab					216		2,328						2,544
Mollusk:								300					300
Scallop													
Total pounds				6,572		85,194							92,096
Grand total	110,530	201,073	1,911,569	1,794,558	1,656,869	1,472,343	1,003,233	1,149,023	389,235	402,055	781,920	285,994	10,730,995

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COMMERCIAL FISH LANDINGS IN SACRAMENTO REGION DURING 1939

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Carp	1,303	130	3,792	2,556	926	1,103	529	389	301	293	969		14,213
Catfish	15,755	4,780	26,302	35,242	5,421	5,045	5,700	4,855	35,815	29,654	27,354	18,003	217,014
Flounder, Starry			25										270
Hardhead	2,308	21	25										850
Pike			21										30
Salmon	18,547	12	35,588	51,247	271,446			3,075	9,900		2,510	32,275	496,533
Sardine	25,494,700	9,642											95,572,075
Shad		1,435	108,851	350,247	821,376			67,109	127,452	272,093			1,295
Shark	1,422	31	466	112	49								3,035
Sucker	25	31								20			53
Total pounds	25,444,059	10,372	178,193	475,034	1,107,224	68,873	73,338	135,397	318,240	24,185,094	22,457,672	24,730,658	99,185,713

COMMERCIAL FISH LANDINGS IN SAN FRANCISCO REGION DURING 1929
Fishing Boat Landings from California Waters

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Anchoa	2,675	98	92,985	61,200	25,400	11,340	1,000	637	1,260	15,500	214,507
Caberry, Pacific	98	80	30	10,344	32,015	10,751	5,521	1,754	208
Cod, Starry	10,058	12,940	30,400	55,300	11,212	10,600	10,344	32,015	10,751	10,751	10,751	10,751	182,411
Flounder, Starry	6,502	45,689	22,945	9,334	9,015	10,052	10,915	2,250	32,005	128,540	41,189	17,070	475,692
Hake, Starry	1,059	1,610	2,250	345	2,429	972	345	3,641
Haddock, California	14	1,242	1,449	2,272	1,331	459	740	1,112	1,112	5,621	4,641	3,276	30,501
Haddock, Northern	21	21
Herring, Pacific	190,000	73,000	20,000	18,000	18	1,770	385	10	4,050	14,770	219,799
Kingfish, Pacific	563	566	18	1,770	385	10	1,060	14,770	5,386
Mackerel, Pacific	4,836	4,660	18,041	10,569	8,633	4,385	5,633	4,050	1,060	93	87,603
Porkfish	8,633	4,385	4,050	1,060	1,750	1,750
Rainbow	47,875	75,991	70,111	39,127	23,111	18,450	11,150	14,455	40,912	13,111	10,460	10,460	310,295
Salmon, Pink	990	635	1,419	1,419	1,419	1,419	1,400	1,412	1,405	1,120	1,120	14,712
Salmon, Sockeye	11,760	3,297	13,610	56,139	333,390	16,430	16,430	16,430	16,430	16,430	16,430	434,626
Sand Dab	31,525	1,543	1,543	5,241	12,410	12,410	12,410	12,410	12,410	12,410	12,410	12,410	12,410
Sardines	58,732,064	9,730	1,860	22,700	31,000	189,500	292,000	442,600	80,287,302	120,077,518	120,194,120	396,770,664	1
Sealions, White	8,682	8,682	7,722	528	491	16,317
Shad, American	474,040	207,147	17,125	4,150	1,179	15,092	147,759	375,341	203,963	110,400	475,362	703,053	3,601,354
Shark	15,092	147,759	375,341	203,963	110,400	475,362	703,053
Skate	34,100	32,321	2,073	5,465	1,450	1,450	1,450	1,450	1,450	21,375	18,375	18,375	210,996
Smelt	20,283	3,545	36,680	1,000	3,824	13,458	13,458	13,458	13,458	8,907	1,153	1,153	172,313
Sole	614,798	221,171	408,554	56,056	81,172	128,793	233,396	392,508	487,665	443,085	242,781	377,644	4,207,821
Tuna, Albacore	140	2,156	454,732	5,386	462,274
Tuna, Bluefin	2,156	454,732	5,386	4,713
Whiting	616	937	2,408	2,591	4,462	5,537	1,035	945	794	442	52	1,944	22,444
Miscellaneous Fish	12,793	13,302	9,063	1,550	771	1,042	2,908	5,073	5,313	7,648	5,311	7,638	72,954
Crustaceans:													
Crabs	300,410	277,050	362,938	344,546	372,212	377,318	427,060	302,702	372,888	420,446	3,561,416
Shrimp	83,534	54,083	95,300	73,974	67,646	196,135	114,795	104,099	77,437	104,099	51,810	28,040	1,175,679
Mollusk:													
Clam, Cockle	30	20	35	37	50	25	19	4	11	15	30	287
Clam, Green	25	404	425	407	407	407	407	407	380	200	212	198	3,333
Clam, Soft-shell	7,113	6,604	6,518	6,037	7,185	7,016	6,571	6,510	5,532	5,509	5,578	4,617	75,187
Clam, Washington	250	227	338	421	308	434	217	184	104	190	219	214	3,274
Oyster, Bay	10	10	1,027	703	1,027	1,027	1,027	1,027	1,027	1,027	1,027	1,027	3,007
Oyster, Eastern	12,649	11,173	11,863	10,701	6,053	5,584	5,015	4,606	9,811	12,844	12,167	20,494	124,162
Oyster, Japanese	12,000	10,000	17,000	17,143	11,188	7,571	6,031	7,571	10,000	10,000	12,000	12,000	150,000
Oyster, Native	1,963	1,731	1,112	71	1,641	2,727	1,880	428	428	110	181	11,645	11,645
Total pounds	60,038,498	1,889,046	1,450,170	924,018	856,047	1,044,327	1,784,333	1,758,037	2,232,053	90,716,322	122,476,942	128,022,201	413,778,915

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COMMERCIAL FISH LANDINGS IN MONTEREY REGION DURING 1939

Fishing Boat Landings from California Waters

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Anchovy.....	33	459	3,040	3,000	1,390	300	2,455	1,250	125	27	334	17	11,970
Caballa.....	73	43	655	1,277	8,111	10,001	4,182	6,132	3,072	1,070	2,040	8,040	3,389
Cod, Pacific.....	6,138	2,116	10,977	8,111	10,001	4,182	6,132	3,072	1,070	2,040	8,040	4,052	62,297
Flounder.....	1,181	5,111	2,065	2,065	3,000	1,017	1,040	125	105	109	566	746	14,260
Hake.....	150	150	150	150	150	150	150	150	150	150	150	150	150
Hallibut, California.....	2,000	1,200	924	619	999	2,816	10,735	5,504	955	756	1,469	1,056	28,857
Herring, Pacific.....	185	900	185	185	185	185	185	185	185	185	185	185	1,175
Kingfish.....	17,169	6,784	9,245	10,622	23,963	20,074	24,307	5,769	5,349	32,441	17,182	12,765	189,032
Mackerel, Herring.....	50	50	50	50	50	50	50	50	50	50	50	50	250
Mackerel, Pacific.....	22,485	12,754	34,436	23,988	21,466	10,739	33,517	58,375	350,232	101,682	88,278	73,171	828,433
Perch.....	1,780	67	5,252	10,498	15	15	15	901	10	10	10	10	25,532
Pompano, California.....	5	5	5	5	5	5	5	5	5	5	5	5	30
Rockfish.....	138,256	45,899	189,092	158,051	189,458	156,299	81,212	69,629	21,102	49,796	109,655	120,101	1,328,520
Sablefish.....	223	223	223	223	223	223	223	223	223	223	223	223	1,112
Sailfish.....	7,554	18,827	4,982	32,248	41,886	18,827	4,982	32,248	41,886	18,827	4,982	4,982	125,498
Sand Dab.....	4,605	1,617	1,945	7,909	16,245	4,879	12,166	7,832	2,111	6,223	10,611	1,112	84,625
Sardine.....	69,491,729	54,470	190,621	180,251	180,251	94,729	100,729	44,865	100,729	97,411	104,800	544	429,960,157
Sea Bass, Black.....	17	17	17	17	17	17	17	17	17	17	17	17	245
Sea Bass, White.....	17	105	94	417	417	417	417	417	417	417	417	417	245
Seal, California.....	3	3	3	3	3	3	3	3	3	3	3	3	3
Shad.....	427,475	68,353	5,200	5,200	21,452	40,223	30,611	30,611	30,611	30,611	30,611	30,611	208,582
Shark.....	4,155	2,349	1,438	3,404	3,889	3,766	3,021	792	586	2,477	1,799	1,659	18,233
Skate.....	22,188	285	1,875	1,771	1,771	6,073	12,500	15,469	9,469	10,836	8,716	9,211	59,231
Salmon.....	20,211	718,231	41,625	718,231	41,625	40,500	20,000	502	2,327	47,158	4,911	1,112	1,112
Tuna, Albacore.....	1,050	760	238	311	474	552	500	917,702	2,851,607	775,753	700	17	4,825,622
Tuna, Bonito.....	1,050	760	237	1,831	901	1,299	51	2	175	325	325	325	4,702
Whitebait.....	753	178	1,158	2,012	894	413	17	60	60	375	240	115	6,396
Crustaceans.....	130,748	50,950	87,574	49,532	10,962	10,122	2,460	50	50	12,220	8,636	1,062	378,136
Crab.....	474	379	789	87	87	87	87	87	87	87	87	87	4,271
Shrimp.....	129,650	130,025	134,850	38	33,300	81,575	115,350	88,650	56,350	735	12,575	789,450	96
Malacostron.....	1,615	3,675	3,695	344	3,695	3,695	3,695	3,695	3,695	3,695	3,695	3,695	16,320
Clam, Gaper.....	1,226	1,738	3,925	4,234	3,637	2,050	2,613	1,993	522	2,700	2,456	1,365	23,235
Octopus.....	5,740	233	65,700	380,095	46,570	302,850	185,013	30,500	42,945	7,058	22,013	2,600	1,097,513
Squid.....	1,101,490	1,060,179	756,708	1,101,490	898,164	950,142	1,218,421	1,705,120	50,314,353	110,034,672	97,917,154	103,332,695	443,812,761
Total pounds.....	70,323,432	1,030,179	756,708	1,101,490	898,164	950,142	1,218,421	1,705,120	50,314,353	110,034,672	97,917,154	103,332,695	443,812,761

COMMERCIAL FISH LANDINGS IN SANTA BARBARA REGION DURING 1939
Fishing Boat Landings from California Waters

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Barnacles.....	14,557	7,409	160	135	110	16,851	11,457	16	18,174	68,959
Codfish, Pacific.....	20	38	369	228	152	9	7	56	11	82	93	229
Cuttle, Pacific.....	68	13	471	569	1,273	2,244	81
Fionna, Starry.....
Frigate Fish.....	68	13	471	569	1,273	2,244
Hakelet, California.....	21,200	24,165	28,772	17,050	26,346	13,315	26,210	30,570	35,860	35,999	36,956	39,119	320,321
Halibut.....	22	22	22	22	22	22	22	22	22	22	22	22	22
Herring, Pacific.....	1,456
Kingfish.....	339
Mackerel, Pacific.....	3,422	1,031	697	178	45	45	45	45	45	4,453	5,974	5,153	20,083
Perch, Pacific.....	208	2,733	4,834	2,100	399	1,029	395	6,151	7	290	20,396
Rock Bass.....	2,102	1,138	4,747	2,100	5,851	7,250	3,026	1,569	1,581	1,634	1,634	1,634	39,461
Rudderfish.....	25,953	23,005	33,889	26,670	5,545	9,500	8,305	6,324	7,340	2,058	21,277	26,760	201,039
Sabinefish.....	21
Sardine.....	220	220	240	240	80	438	10	10	10	10	10	10	3,625
Scallop.....	78	11	2,480	240	80	438	10	10	10	10	10	10	402
Sea Bass, Black.....	1,194	1,821	1,313	3,192	1,331	1,810	1,364	712	140	194	99	44	13,173
Sea Bass, White.....	2,494	1,696	13,178	4,782	952	373	400	528	60,022	66,392	38,099	22,932	221,874
Seaperch.....	14	14	43	43	14	14	14	14	14	14	14	14	148
Sharkfish.....	13,695	15,825	20,457	17,000	576,161	1,303,808	449,635	15,699	5,576	4,176	4,635	10,142	2,460,123
Skate.....	2,594	3,420	1,603	993	2,250	2,253	1,496	1,496	1,496	3,496	3,496	3,496	31,594
Skippjack.....	2,372	4,207	1,212	10,237	1,212	1,212	1,212	1,212	1,212	1,212	1,212	1,212	24,657
Sole.....	6,559	16,755	29,543	28,635	20,095	17,510	48,153	7,288	14,158	10,910	7,882	5,818	216,694
Swordfish, Broadbill.....	17,525	24,380	23,480	23,480	23,480	23,480	1,590
Tuna, Albacore.....	11,947	85,034	720,771	732,838	10,150	1,561,755
Tuna, Bluefin.....	70	70	11	11	11	11	11	7,005	2,030	64	10,711	8,371	9,572
Tuna, Skipjack.....	20,000	20,000	12,500	10,711	8,371	444	37,572
Tuna, Yellowfin.....	10	10	10	10	10	10
Miscellaneous Fish.....	2,155	1,198	365	170	231	15	140	37	2,393	6,472	13,516
Crustacea:	327	520	10,201
Lobster, Spiny.....	11,105	5,241	3,844	44,935	39,012	18,811	122,238
Mollusk:	6,050	22,600	17,000	1,011,037
Almond.....	3,700	114,202	88,050	119,650	102,650	178,175	137,600	222,700	20
Clam, Cockle.....	12,403	13,010	14,856	12,142	14,674	17,589	20,335	15,800	16,055	13,772	12,710	12,710	17,564
Oyster, Pacific.....	1,033	2,960	2,943	3,217	3,011	2,320	2,788	11	11	11	167
Oyster, Japanese.....	2,103	2,960	2,943	3,217	3,011	2,320	2,788	19,342
Total pounds.....	116,657	136,441	284,441	228,656	798,345	1,344,820	719,789	355,749	1,157,009	952,822	229,345	206,625	6,760,709

COMMERCIAL FISH LANDINGS IN SANTA BARBARA REGION DURING 1939—Continued
Fishing Boat Landings from Waters South of International Boundary

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Barracuda.....	36,100	20,975	54,455	111,540
Sea-lion, Black.....	200	200
Total pounds.....	36,100	20,975	54,655	111,740
Grand total.....	152,757	157,416	339,106	228,655	768,345	1,544,629	779,795	355,749	1,157,009	962,922	229,345	206,623	6,872,449

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COMMERCIAL FISH LANDINGS IN LOS ANGELES REGION DURING 1939

Fishing Boat Landings from California Waters

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Anchovy	17,537	3,260	3,070	4,017	4,772	4,045	8,810	10,680	16,646	23,444	370,254	499,634	1,821,624
Barracuda	21	62,897	310,579	360,952	236,219	415,325	121,300	124,865	57,486	100,390	4,316	8,386	1,841,583
Catfish											22	22	22
Cod, Pacific	27	84	136	24							41	43	1,130
Dulse											21	23	23
Flying Fish											157	157	20,126
Haddock, California	25,453	44,119	76,955	34,033	24,040	41,495	20,392	13,513	8,963	5,495	1,511	9,694	310,508
Kingfish	2,463	33,381	33,031	49,199	34,453	20,045	9,245	8,441	10,003	24,279	26,286	31,179	3,676,380
Mackerel, Horse	2,562,035	10,47	122,021	26,500	40,453	23,000	14,841	438,455	329	415,644	38,345		
Mackerel, Pacific	9,240,395	10,109	883,017	28,504	40,285	1,034,456	2,423,301	5,767,054	7,856,118	10,062,133	19,390,322	17,123,778	73,654,567
Mullet													27
Pomfret	7,029	1,758	5,835	3,240	915	862	286	2,141	849	569	935	1,007	30,773
Pompano, California	2,361	3,924	240	52	34	84	11	86	86	1,064	1,064	1,064	3,033
Red Fish	2,361	3,924	8,412	5,912	2,216	20,894	25,321	13,249	2,305	5,551	5,541	3,712	101,626
Rockfish	37,784	33,742	73,750	41,963	15,969	30,222	14,547	4,711	7,706	9,322	17,628	19,129	310,475
Sole, California	2,463	18,411	26,481	16,543	13,219	9,477	8,487	3,000	4,112	3,721	17,628	2,139	12,953
Sand Dab	460	847	634	265	440	1,777	294	79	127	361	390	333	5,178
Sardine	48,544,357	82,506,470	33,564,217	246,320	7,005	8,703	13,495	44,114	122,173	306,903	39,525,320	33,417,332	238,516,091
Sardine, Sardine	1,100	6,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000
Sea-bass, Black	1,659	229	974	1,111	4,796	2,216	947	1,186	904	565	535	535	15,265
Sealions, White	1,475	336	500	500	30,310	30,310	17,320	7,315	69,381	84,941	41,329	33,791	308,254
Shark	3923	2,232	6,979	20,349	26,126	24,137	37,312	36,927	29,86	6,997	5,048	3,168	208,254
Sheepshead	1,166	6,094	6,843	3,828	3,612	506	251	1,697	1,003	792	1,570	1,588	29,147
Skate	1,381	1,007	490	241	241	241	241	241	241	241	241	241	1,037
Smelt	17,118	30,904	13,760	12,173	14,538	3,554	3,413	8,240	10,432	14,023	14,020	12,964	148,970
Sole, C. L.	456	925	1,150	640	347	544	215	163	194	283	178	29	5,333
Sole, G. B. Rock Sole													18,972
Tuna, Albacore													1,602,454
Tuna, Bluefin													7,923,243
Tuna, Bonito	65,904	1,755	35,445	106,501	1,041,221	901,554	1,091,303	3,830,000	1,020,554	1,035,742	115,203	64,685	6,778,781
Tuna, Skipjack													174,231
Tuna, Yellowtail	2,167	1,390	2,176	95	39	269	19	145	73	112	481	299	7,779
Whiting, Ocean													163,274
Yellowtail													1,029
Yellowtail, Folk	2,581	817	1,340	2,150	16,921	3,183	1,890	1,025	8,905	6,016	22,824	69,684	
Crustaceans:													
Oak Rock Lobster	39	713	1,812	200	95	200	469	20	-----	52,371	63,921	29,736	170,716
Lobster, Spiny	17,594	7,419	2,053										
Mollusk:													
Avalon	100	187	386	323	413	737	412	254	38	-----	1,527	1,611	3,053
Chinook Codder	1,749	1,665	3,245	2,060	2,060	2,355	1,401	745	209	1,000	1,427	216	20,580
Ocean Codder	11	12	2	2	2	2	1	1	1	104	214	203	249
Squid	11,691	-----	-----	-----	335	-----	-----	-----	-----	26,997	24,356	-----	62,785
Total pounds	66,601,261	62,795,303	33,228,872	1,209,839	2,699,768	2,626,073	5,447,374	11,353,260	10,262,545	13,332,539	60,077,015	71,274,727	337,945,688

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COMMERCIAL FISH LANDINGS IN LOS ANGELES REGION DURING 1939—Continued
Fishing Boat Landings from Waters North of State Boundary

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Tuna, Albacore.....									793,151	502,572			1,296,623
Total pounds.....									793,151	502,572			1,296,623

Fishing Boat Landings from Waters South of International Boundary

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Barracuda.....	57,353	68,954	26,092							97,244	166,765	59,277	476,528
Cabilla, Pacific.....	13,058	8,679	6,511			22,396	8,315	6,589		12,118	10,213	88,879	
Grouper.....	5,332	3,734	2,621			5,302	2,694			3,255	3,433	20,940	
Haddock, California.....			11,282										12,282
Mackerel, Spanish.....	5,237	935	2,683							50	5,335	1,355	21,441
Rock Bass.....	1,796	3,121									1,595	439	3,100
Rockfish, Black.....	11,490	6,998	40,273		4,111		7,560	61,033	25,735	14,504	20,594	2,042	197,191
Sea-tuna, White.....	18	294			1,690	564	37	37		33	212	319	1,169
Sole.....	100				1,055					55			1,150
Sherpa-rod.....		252	407										694
Sevengill, Broadbill.....						21,060	43,610	400					64,510
Tuna, Albacore.....													400
Tuna, Bluefin.....						10,603	199,760	1,006,626	747,058	218,542	260,135	13,510	2,455
Tuna, Bonito.....	3,616	1,157				1,450		1,450		1,450		1,450	2,456,976
Tuna, Skipjack.....	150,825	267,404	367,602	1,690,450	2,380,222	602,180	2,327,755	1,043,517	1,618,845	674,194	359,054	313,304	13,014,614
Tuna, Yellowfin.....	733,412	1,153,334	2,048,901	7,243,348	6,204,500	3,004,220	5,190,134	5,756,424	1,887,943	4,025,719	910,044	889,034	26,110,623
Wahoo.....													100
Yellowtail.....	9,388	3,587	2,555			24	312,534	109,061	140,783	283,537	4,815	20,754	20,363
Miscellaneous Fish.....	100										100		907,978
Crustaceans.....												1,200	12,990
Lobster, Spiny.....													13,319
Total pounds.....	1,028,379	1,550,373	2,737,351	9,133,600	9,497,314	5,138,669	8,180,099	9,411,595	4,473,684	1,840,397	2,069,556	1,318,092	56,428,839

Species	Shipments from North of State Boundary												
	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Tuna, Albacore.....										131,607	1,823,659	401,330	2,346,496
Tuna, Bluefin.....										44	44
Total pounds.....										121,507	1,823,709	401,330	2,346,540

Species	Shipments from South of International Boundary												
	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Cabilla.....	530	63	1,510	24,625	11,350	12,927	5,480	1,453	122	39	50,211	
Cortina, Mexican.....	2,634	11,116	24,625	360	88	2,065	2,789	43,902	
Sea-bass, Black.....		118	118	
Swordfish, Totum.....	174,170	426,332	594,354	344,654	270,755	74,386	28,212	138,881	255,325	2,364,450	
Miscellaneous Fish.....		26	26	
Mollusk:													
Clam, Cockle.....										2,163	2,163	
Total pounds.....	177,634	437,600	620,672	345,014	282,304	89,381	26,622	1,453	2,163	141,801	255,994	2,350,570

Species	Shipments from Japan												
	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Tuna, Albacore.....	20,806	163,533	250,407	931,095	436,182	1,300,296	775,545	131,200	55,405	4,073,576
Tuna, Skipjack.....		210,069	102,552	24,072	39,041	57,595	145,140	456,162	1,096,059
Total pounds.....	20,806	318,412	492,239	945,170	436,182	1,202,299	775,545	171,247	146,304	145,140	496,162	5,142,433
Grand total	61,825,080	65,161,048	39,100,084	11,726,622	12,915,638	10,089,421	14,429,543	20,059,264	17,529,657	16,988,301	62,433,512	73,334,973	405,543,375

COMMERCIAL FISH LANDINGS IN SAN DIEGO REGION DURING 1939
Fishing Boat Landings from California Waters

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Barnardia	81	6,212	76,246	183,027	96,188	93,501	135,561	202,405	77,329	69,539	18,509	958,608
Catfish, Pacific	39	42	35	116
Flounder, Starry	85	30
Frigate	114	114
Haddock, California	13,339	8,903	5,181	4,652	426	372	5,263	205	4,065	6,231	875	49,435
Herring, Pacific	6,727
Kelpfish	81	142	76	61	56	5	216	8	650
Mackerel, Horse	1,280	1,830
Mackerel, Pacific	5,000	112	24,596	10,285	8,061	937,835	1,181,000	700,010	27,452	622,012	557,102	1,395,857	6,309,906
Mullet	1,030	678	503	469	85	163	148	148	148	148	148	148	2,921
Perc	145
Rockfish	211	1,001	1,973	1,186	2,310	1,751	31,261	21,050	5,935	11,056	8,335	3,869	97,236
Roughskin	11,492	18,262	49,650	5,329	14,229	36,114	35,210	12,655	2,094	9,787	1,606	3,112	201,441
Sandlance	38,380	31,050	20,550	5,100	6,020	1,000	55,555	47	141,000	37,400	321,620
Sculpin	5,559	7,642	6,339	2,489	3,677	202	1,934	948	640	6,103	3,732	39,290
Seabass, Black	345	45	1,402	323	1,123	716	270	2,600
Seabass, Green	1,275	1,260	1,260
Seabass, White	582	431	1,660	6,766	3,213	16,614	38,296	32,945	16,476	13,213	1,068	203	131,403
Seal, Harbor	159	100	2,007	1,480	592	1,100	1,100	1,100	1,100	1,100	1,100	1,100	3,245
Shark, Common	564	232	199	32	240	19	19	19	866	1,707	734	4,408
Smelt	1,263	32	240	115	940	2,845	1,778	1,778	1,778	1,778	1,830
Sole	10	22	1	25	1	1	11	11	11	11	11	11	1,643
Stellifish, Broadbill	6,344	26,454	11,344	10,086	2,938	475	38,643
Tuna, Albacore	36,221	36,221	36,221	36,221	36,221	36,221	36,221	190,442
Tuna, Bonito	20,082	20	423	258,321	230,294	23,515	160,211	162,425	7,519	37,494	11,063	25,545	1,301,859
Tuna, Skipjack	20	19,329	19,329	1,354,000	59,000	59,000	2,444,400
Whiting, Ocean	732	218	1,331	7,066	19,671	56,343	29,097	20,000	4,800	12,533	125	7,899	159,550
Yellowtail	240	5	14	124	164	420	80	1,047
Miscellaneous Fish
Crustacean:
Lobster, Spiny	3,751	2,638	1,898	30,927	34,373	10,389	53,974
Mollusk:	1,455	1,455
Spur
Total pounds	107,130	360,579	456,003	488,551	551,414	1,401,102	2,451,958	1,714,649	1,781,880	1,587,539	1,345,179	2,112,182	14,418,457

Fishing Boat Landings from Waters North of State Boundary													
Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Tuna, Albacore.....	48,173	56,423	17,575	7,666	340	5,460	2,675	126,722	74,096	82,399	119,456	334,736
Total pounds.....	423,129	58,131,603	9,975,545	5,838,021	5,542,077	5,805,615	8,327,710	12,334,068	7,419,809	8,375,540	8,477,251	95,734,818	436,043

Fishing Boat Landings from Waters South of International Boundary													
Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Barracuda.....	484	563	4,393	1,960	3,665	470	1,490	1,255	1,023	4,343	2,049	2,049	33,736
Cobia.....	429	1,281	182	5,734	429
Cultus, Pacific.....	2,061	1,981	1,981	1,506	1,255	1,506	1,023	4,343	2,049	2,049	20,490
Dolphin, California.....	20,611	34,550	26,231	11,021	19,971	23,101	40,011	20,351	20,351	20,351	20,351	20,351	249,699
Kingfish.....	75
Mackerel, Pacific.....	382	943	563	4,393	1,960	3,665	470	1,490	1,255	1,023	4,343	2,049	3,471
Mackerel, Spanish.....	694	943	563	4,393	1,960	3,665	470	1,490	1,255	1,023	4,343	2,049	9,252
Rock Bass.....	2,656	19,396	4,413	1,281	3,665	3,665	1,506	1,255	1,023	4,343	2,049	2,049	20,568
Rockfish.....	2,656	19,396	4,413	1,281	3,665	3,665	1,506	1,255	1,023	4,343	2,049	2,049	22,239
Solepin.....	11,351	8,542	32,153	5,127	8,378	21,215	31,452	31,538	10,000	4,447	17,408	3,297	230,470
Sea-Bass, Black.....	569	303	4,413	1,281	3,665	3,665	1,506	1,255	1,023	4,343	2,049	2,049	1,023
Sea-Bass, White.....	69	1,184	492	610	125
Shark.....	2,463	762	666	419	1,399	429	2,681	2,681	2,346
Smelt.....	65	149	429	12,298
Swordfish, Broadbill.....	295	70,812	98,521	27,152	2,391	2,391	2,391	2,391	2,391	169,611
Tuna, Albacore.....	5,325	24,301	25,241	4,664	29	3,287
Tuna, Bluefin.....	5,325	279	3,665	2,921	35,233	4,664	29	59,761
Tuna, Bonito.....	172,500	447,904	704,547	315,430	800,365	973,667	1,281	1,023	1,023	1,023	1,023	1,023	36,927
Tuna, Yellowfin.....	316,537	7,374,654	8,872,534	5,404,034	4,854,012	7,518,013	6,475,344	10,018,013	4,853,197	2,111,445	1,281	1,281	14,252
Whiting, Ocean.....	20,721	8,271	33,353	62,069	21,215	263,700	288,559	109,555	109,273	175,291	370,570	370,570	39,142
Yellowtail.....	20,721	8,271	33,353	62,069	21,215	263,700	288,559	109,555	109,273	175,291	370,570	370,570	1,693,789
Miscellaneous Fish.....	65	463	429	328
Crustacean:													
Lobster, Spiny.....	309,558	277,251	179,582	7,703	124,632	124,632	899,158
Total pounds.....	923,129	8,131,603	9,975,545	5,838,021	5,542,077	5,805,615	8,327,710	12,334,068	7,419,809	8,375,540	8,477,251	95,734,818	436,043
Grand total.....	1,600,268	8,492,392	10,491,550	6,327,772	6,123,491	10,210,017	10,309,678	14,049,237	9,625,731	10,178,650	9,721,119	10,389,433	107,589,548

6. 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>Myctoperca</i>
Carp	<i>Cyprinus carpio</i>
Catfish	<i>Ameiurus catus</i> <i>Ameiurus nebulosus</i>
Corbina, Mexican	<i>Cynoscion othonopterus</i> <i>Cynoscion xanthulus</i> <i>Micropogon octenes</i> Other members of the <i>Sciaenidae</i>
Cultus, Pacific	<i>Ophiodon elongatus</i>
Dolphin	<i>Coryphaena hippurus</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>Myctoperca</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>Seriurus 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, Califor- nia	<i>Palometa simillima</i>
Pompano, Mexican	various species of <i>Trachinotus</i> , and possibly other carangids
Ratfish	<i>Hydrolagus colliei</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, Short-fin	<i>Cynoscion parvipinnis</i>
Sea-bass, Totuva	<i>Cynoscion macdonaldi</i>
Sea-bass, White	<i>Cynoscion nobilis</i>
Sea-trout, Califor- nia	<i>Hexagrammos decagrammus</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>Rhinotriakis henlei</i> <i>Squalus suckleyi</i> <i>Triakis semifasciata</i>
Sheepshead	<i>Small percentage of other species</i> <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>

	Hypomesus pretiosus	
	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, Broad-bill	<i>Xiphias gladius</i>	
Swordfish, Marlin	<i>Makaira mitsukurii</i>	
Tomcod	<i>Micromugil proximus</i>	
Tuna, Albacore	<i>Germo alalunga</i>	
Tuna, Bluefin	<i>Thunnus thynnus</i>	
Tuna, Bonito	<i>Sarda lineolata</i>	
Tuna, Mebachi	<i>Parathunnus mebachi</i>	
Tuna, Oriental	<i>Thunnus orientalis</i>	
Tuna, Skipjack	<i>Katsuwonus pelamis</i>	
Tuna, Yellowfin	<i>Neothunnus macropterus</i>	
Turbot	<i>Hypsopsetta guttulata</i>	
	<i>Pleuronichthys decurrens</i>	
	<i>Pleuronichthys verticalis</i>	
	Possibly a small percentage of other pleuronectids	
Whitebait	<i>Allosmerus attenuatus</i>	
	<i>Spirinchus starksii</i>	
	Young of several species of fishes	
Whitefish, Ocean	<i>Caulolatilus princeps</i>	
Yellowtail	<i>Seriola dorsalis</i>	
Crab	<i>Cancer magister</i>	
Crab, Rock	<i>Cancer antennarius</i>	
	<i>Cancer anthonyi</i>	
	<i>Cancer productus</i>	
Lobster, Spiny	<i>Panulirus interruptus</i>	
Shrimp	Crago franciscorum and <i>C. nigricauda</i> from California waters	
	Other species from Mexican waters	

<i>Common name</i>	<i>Scientific name</i>
Abalone	<i>Haliotis fulgens</i>
	<i>Haliotis rufescens</i>
Clam, Cockle	<i>Paphia staminea</i>
	Species of <i>Chione</i>
Clam, Gaper	<i>Schizothaerus nuttallii</i>
Clam, Pismo	<i>Tivela stultorum</i>
Clam, Razor	<i>Siliqua patula</i>
Clam, Soft-shell	<i>Mya arenaria</i>
Clam, Washington	<i>Saxidomus nuttalli</i>
Mussel	<i>Mytilus californianus</i>
	<i>Mytilus edulis</i>
Octopus	<i>Polypus hongkongensis</i>
	<i>Polypus bimaculatus</i>
Oyster, Eastern	<i>Ostrea virginica</i>
Oyster, Japanese	<i>Ostrea gigas</i>
Oyster, Native	<i>Ostrea lurida</i>
Scallop	<i>Pecten circularis</i>
Squid	<i>Dosidicus gigas</i>
	<i>Loligo opalescens</i>
	Small percentage of other species
Whelk	<i>Kelletta kelletii</i>