

UC San Diego

Fish Bulletin

Title

Fish Bulletin 135. The California Marine Fish Catch For 1965 and California Salmon Landings 1952 through 1965

Permalink

<https://escholarship.org/uc/item/4414129z>

Authors

Greenhood, Edward C
Mackett, David J
Jensen, Paul T
et al.

Publication Date

1967

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF FISH AND GAME
FISH BULLETIN 135
The California Marine Fish Catch For 1965
and
California Salmon Landings 1952 through 1965



by
EDWARD C. GREENHOOD
and
DAVID J. MACKETT
Marine Resources Operations
and by
PAUL T. JENSEN
and
PHILLIP G. SWARTZELL
Marine Resources Branch
1967



FIGURE 1

(2)

FIGURE 1

TABLE OF CONTENTS

	Page
CALIFORNIA MARINE FISH CATCH FOR 1965	
By <i>Edward C. Greenhood and David J. Mackett</i>	
Foreword	5
Explanation of Tables	6
Common and Scientific Names of Fishes, Crustaceans, and Mollusks in the 1965 Catch	9
Annual Landings and Shipments (Figure 2)	10
Annual Landings and Shipments, 1916 through 1965	11
Landings and Shipments of Leading Species Ranked by Pounds	11
Number of Licensed Commercial Fishermen	12
Number of Registered Fishing Boats by Length	12
Origin of Shipments, 1965	13
Origin of Commercial Fish Landings, 1965	14
Monthly Landings and Shipments, 1965—Statewide	16
Monthly Landings and Shipments, 1965—by Area	18
Value and Poundage, Annual Landings and Shipments by Areas, 1965	30
Value of Landings and Shipments by Ports and Areas, 1965	32
Partyboat Sport Catch, 1956–1965	41
Live Bait Catch, 1965	42
Inshore Bait Landings, 1965	42
CALIFORNIA SALMON LANDINGS 1952 THROUGH 1965	
By <i>Paul T. Jensen and Phillip G. Swartzell</i>	43

FOREWORD

Catch bulletins provide records of California's commercial fisheries and their value to fishermen. They also summarize the marine partyboat angler's catch.

The report for 1965 is the 25th in the series. Prior records have been published regularly beginning with those for 1926 and 1927. In recent years, catch bulletins have been published annually instead of biennially.

Records are obtained from each wholesale fish dealer or processor who receives fish from fishermen or who processes fish. Partyboat operators record each trip's catch, and these records are also sent to the Department. Clerical personnel in strategic locations (Eureka, San Francisco, Monterey, Terminal Island, and San Diego) maintain contact with fish dealers and local Fish and Game wardens to insure that the records are accurate and transmitted promptly. All data are edited and subsequently processed by electric accounting machines.

Published figures are of national and international concern, but they are used primarily by fisheries scientists and state legislators to manage and regulate California's important fisheries. Chambers of commerce, members of the fishing industry, educators, and others also find these catch statistics of value.

Special acknowledgement is given to the staff of the Biostatistical Unit who process the many documents necessary for this publication. The assistance of the wardens along the coast and the aid forthcoming from the many fish wholesale dealers and canners is appreciated.

1. EXPLANATION OF TABLES

The tables of this report summarize the statistics of various fisheries operations in California during 1965. In general, this report covers: landings of the commercial fishing fleet of California; sport catches of the partyboat fleet; imports of fish from other states or foreign countries that are destined for processing in California (beginning this year, only figures for tuna shipments will be included); deliveries to retail stores of bait used for sportfishing; and catches of boats that supply partyboats, skiffs, and yachts with live bait.

One of the most important fishery statistics we present is the total landings of each species harvested by California's fishermen. In addition, it is essential to know where and when catches are made. The tables therefore show the month and area of landing for each variety.

Data are not available for some of California's fisheries operations. For instance, fish shipped into California that are utilized in a fresh state are not reported to our Department. Likewise, sport fishermen aboard private skiffs and yachts, or fishing from shore or piers are not required to report their catches; however, the Department investigates the catch and effort expended in these activities.

1.1. SOURCE OF DATA

Data on the commercial fishing fleet, bait deliveries, and imports are recorded on sales slips or receipts which are completed by fish dealers at the time of delivery. The receipts are transmitted to the Department twice each month. Each dealer is required by law to include on the receipt the following information concerning the transaction: weight of each species received; price paid to the fisherman; date; name of the fisherman; Department of Fish and Game registration number of boat; name of the dealer; and intended disposition of the fish (canned, fresh, etc.).

In addition, area of catch and type of gear used to catch the fish are reported for most landings.

The partyboat and live-bait boat catches are obtained from records or logs completed for each trip by the boat operator. The law requires skippers of partyboats to send records of their daily catches to the Department each month; however, the information received from the live-bait boats is given voluntarily.

The log of each fishing trip made by a partyboat contains the following information: count of each species taken; number of anglers; area fished; the number of hours fished; date; and boat identification.

Operators of live-bait boats report the number of net-sets and the number of scoops of bait sold each day. The species caught as well as the area fished are also given.

When fish receipts and fishing trip records are received, they are first edited and coded. The data are then punched into cards before being summarized with electric tabulating machines.

1.2. STATISTICAL AREAS

California is divided into seven areas for the purpose of reporting fisheries statistics. Each statistical area is named for a major port within its boundaries (Figure 1). Department personnel are responsible for collecting and inventorying landing receipts in each statistical area.

1.3. SPECIES

The species of fish landed or shipped into California are listed in Table 1. Both common and scientific names are given. Some varieties are reported collectively when, for economic or other reasons, dealers do not report a specific separation.

One example of species grouping is the animal-food category which consists of a variety of fish caught by trawling. In an attempt to determine the species comprising animal food landings, a sampling program has been conducted by biologists of the Department's Bottomfish Investigation. Based on their findings, the estimated weight each species contributed to the 1965 animal-food category is:

<i>Species</i>	<i>Percent</i>	<i>Pounds</i>
Sablefish	40.0	1,149,460
Pacific hake	25.5	732,781
Arrowtooth flounder	13.1	376,448
Rockfish	8.8	252,881
English sole	5.0	143,682
Dover sole	4.6	132,188
Twenty-seven other species	3.0	86,210
	100.0	2,873,650

1.4. CONDITION

Most fish and shellfish landed in California are in a round condition; however, some species, such as salmon and swordfish, are eviscerated or cleaned before landing. The condition of fish landed and shipped into the State cannot always be determined; therefore, the weights summarized in the tables are as reported to the Department without regard to condition.

Starting with 1963 records, the oyster poundage is published as packed gallon weight instead of live (in the shell) weight. The packed gallon weight of Pacific oysters is estimated to be 15.5 percent of live weight landings; that for Eastern oysters is somewhat lower at 10.9 percent.

1.5. CONVERSIONS

Landings reported by units of measure other than pounds are equated to pounds by using appropriate conversion factors. Conversion factors are determined periodically by sampling landings at delivery points. The factors applied to 10 species during 1965 were:

Abalone, red	50 pounds per dozen
Abalone, pink	25 pounds per dozen
Abalone, white	25 pounds per dozen
Abalone, green	35 pounds per dozen
Clam, Washington	7 pounds per dozen
Crab, market	2 pounds each
Crab, sand	.041 pounds per dozen
	4.5 pounds per gallon
Mudsucker	19 pounds per tray
	.465 pounds per dozen
Mussel	80 pounds per sack
	3.8 pounds per shucked pound
	30 pounds per gallon
Shrimp, ghost	.046 pounds per dozen

1.6. VALUE

Value is computed from prices paid to the fishermen. Values, therefore, reflect the contribution of the fishermen to the total worth of the fisheries. When the price paid for an individual landing is not specified, the average price for the species in the area in which it was landed is used.

TABLE 1
Common and Scientific Names of Fishes, Crustaceans, and Mollusks in the 1965 Catch

Common name	Scientific name	Common name	Scientific name
FISHES			
Anchovy.....	<i>Engraulis mordax</i>	Sea bass, giant.....	<i>Stereolepis gigas</i>
Barracuda, California.....	<i>Sphyraena argentea</i>	Seabass, white.....	<i>Cynoscion nebulosus</i>
Baseball.....		Shad.....	<i>Alosa sapidissima</i>
Kelp bass.....	<i>Paralabrax clathratus</i>	Shark.....	
Sand bass.....	<i>Paralabrax nobilifer</i>	Brown smooth- hound.....	<i>Triakis hentlei</i>
Blacksmith.....	<i>Chromis punctipinnis</i>	Leopard.....	<i>Triakis semifasciata</i>
Bonito, Pacific.....	<i>Sarda chilensis</i>	Pacific angel.....	<i>Squatina californica</i>
Cabezon.....	<i>Scorpaenichthys marmoratus</i>	Soupfin.....	<i>Galeorhinus zyopterus</i>
Cabrilla, spotted.....	<i>Epinephelus analogus</i>	Spiny dogfish.....	<i>Squalus acanthias</i>
Carp.....	<i>Cyprinus carpio</i>	Thresher.....	<i>Alopias vulpinus</i>
Corvina, shortfin.....	<i>Cynoscion parvipinnis</i>	Small amounts of others.....	
Croaker.....		Spoonhead, California.....	<i>Pimelomastix pulchrum</i>
White.....	<i>Genyonemus lineatus</i>	Skate.....	
Queenfish.....	<i>Seriurus politus</i>	Big.....	<i>Raja binoculata</i>
Eel, California moray....	<i>Gymnothorax mordax</i>	California.....	<i>Raja inornata</i>
Flounder.....		Longnose.....	<i>Raja rhina</i>
Arrowtooth.....	<i>Atheresthes stomaia</i>	Small amounts of others.....	<i>Rajiformes</i>
Starry.....	<i>Platichthys stellatus</i>	Smelt.....	
Small amounts of other flatfishes.....		Eulachon.....	<i>Thaleichthys pacificus</i>
Flyingfish.....	<i>Cypselurus spp.</i>	Grunion.....	<i>Leuresthes tenuis</i>
Greenling, kelp.....	<i>Heterogrammus decagrammus</i>	Jacksnelt.....	<i>Atherinops californiensis</i>
Groupers.....	<i>Microlipophrys spp.</i>	Nightsnelt.....	<i>Synodus aculeatus</i>
Hake, Pacific.....	<i>Merluccius productus</i>	Surf.....	<i>Hopomorus pretiosus</i>
Halfmoon.....	<i>Medialuna californiensis</i>	Topsnelt.....	<i>Atherinops affinis</i>
Halibut.....		Smelt, whitebait.....	<i>Allosmerus elongatus</i>
California.....	<i>Paralichthys californicus</i>	Young of several others.....	
Pacific.....	<i>Hippoglossus stenolepis</i>	Sole.....	
Hardhead.....		Dover.....	<i>Microstomus pacificus</i>
Sacramento black- fish.....	<i>Orthodon microlepidotus</i>	English.....	<i>Parapristipomoides reticulatus</i>
Hardhead.....	<i>Mylopharodon concolor</i>	Petrale.....	<i>Eopsetta jordani</i>
Herring, Pacific.....	<i>Clupea pallasi</i>	Rex.....	<i>Glyptocephalus zachirus</i>
Lingcod.....	<i>Ophiodon elongatus</i>	Sand.....	<i>Psettichthys melanostictus</i>
Mackerel.....		Small amounts of others.....	
Jack.....	<i>Trachurus symmetricus</i>	Splittail.....	<i>Pogonichthys macrolepidotus</i>
Pacific.....	<i>Scambara dero</i>	Swordfish.....	<i>Xiphias gladius</i>
Mudskipper, longjaw.....	<i>Gillichthys mirabilis</i>	Tuna.....	
Opahye.....	<i>Girella nigricans</i>	Albacore.....	<i>Thunnus alalunga</i>
Perch.....	Members of family Embiotocidae	Bigeye.....	<i>Thunnus obesus</i>
Pompano, Pacific.....	<i>Palometta similisima</i>	Bluefin.....	<i>Thunnus thynnus</i>
Rockfish.....	All species of <i>Sebastodes</i> and <i>Sebastolobus</i>	Skipjack.....	<i>Katsuwonus pelamis</i>
Sablefish.....	<i>Anoplopoma fimbria</i>	Yellowfin.....	<i>Thunnus albacares</i>
Saint Peter.....		Turbot.....	
King.....	<i>Oncorhynchus tshawytscha</i>	Curlfin.....	<i>Pleuronichthys decurrens</i>
Pink.....	<i>Oncorhynchus gorbuscha</i>	Diamond.....	<i>Hypsopsetta guttulata</i>
Silver.....	<i>Oncorhynchus kisutch</i>	Hornhead.....	<i>Pleuronichthys verticalis</i>
Sanddab.....	<i>Citharichthys sordidus</i>	Small amounts of others.....	
Sardine.....	<i>Sardinops careruleus</i>	Wahoo.....	<i>Acanthocybium solanderi</i>
Sargo.....	<i>Anisotremus davidsoni</i>	Whitefish, ocean.....	<i>Caulorhynchus princeps</i>
Sculpin.....	<i>Scorpaena guttata</i>	Yellowtail, California.....	<i>Seriola dorsalis</i>
Staghorn.....	<i>Leptocottus armatus</i>		
CRUSTACEANS			
Crab.....		Prawn.....	<i>Pandalus platyceros</i>
Market.....	<i>Cancer magister</i>	Shrimp.....	<i>Crago franciscorum</i>
Rock.....	<i>Cancer productus</i>	Bay.....	<i>Crago nigricauda</i>
	<i>Cancer antennarius</i>	Ghost.....	<i>Callianassa californicus</i>
	<i>Cancer anthonyi</i>	Ocean.....	<i>Pandalus jordani</i>
Sand.....	<i>Emerita analoga</i>	Red.....	<i>Hippolytess californica</i>
Lobster, spiny.....	<i>Panulirus interruptus</i>		
MOLLUSKS			
Abalone.....		Mussel.....	
Pink.....	<i>Haliotis corrugata</i>	Bay.....	<i>Mytilus edulis</i>
Red.....	<i>Haliotis rufescens</i>	Rock.....	<i>Mytilus californianus</i>
Green.....	<i>Haliotis fulgens</i>	Octopus.....	<i>Octopus spp.</i>
White.....	<i>Haliotis sorenseni</i>	Oyster.....	
Clam.....		Eastern.....	<i>Crassostrea virginica</i>
Freshwater.....	<i>Corbicula fluminea</i>	Giant Pacific.....	<i>Crassostrea gigas</i>
Gaper.....	<i>Tresus nuttalli</i>	Snail, sea.....	<i>Kelletia kelletii</i>
Jackknife.....	<i>Tegulus californianus</i>	Squid.....	<i>Loligo opalescens</i>
Purple.....	<i>Sanguinolaria nuttalli</i>		
Washington.....	<i>Sazimanus nuttalli</i>		

TABLE 1
Common and Scientific Names of Fishes, Crustaceans, and Mollusks in the 1965 Catch

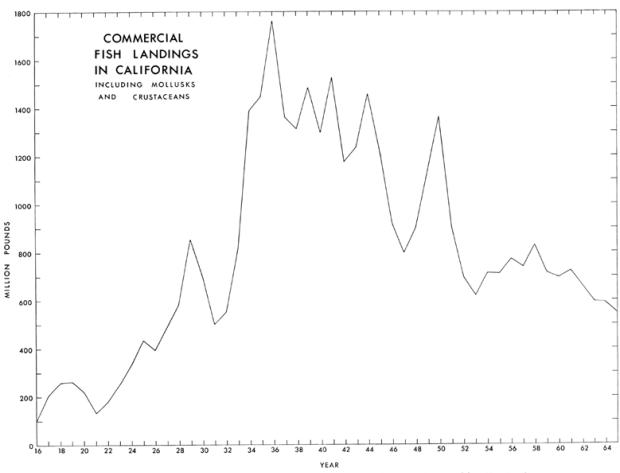


FIGURE 2. Total annual landings and shipments into California (see Table 2). Sardine deliveries to reduction ships, 1930-38, are included. In 1965 the tunas were the only species included in shipments.

FIGURE 2. Total annual landings and shipments into California (see Table 2). Sardine deliveries to reduction ships, 1930-38, are included. In 1965 the tunas were the only species included in shipments

TABLE 2
Total Annual Landings and Shipments Into California of Commercial Fish, Mollusks, and Crustaceans; Includes Sardine Deliveries to Reduction Ships During 1930 Through 1938

Year	Thousands of pounds	Year	Thousands of pounds
1916	95,003	1941	1,529,148
1917	209,877	1942	1,173,414
1918	261,134	1943	1,234,049
1919	266,270	1944	1,459,446
1920	222,004	1945	1,216,467
1921	135,348	1946	919,850
1922	182,343	1947	795,499
1923	253,875	1948	900,540
1924	340,446	1949	1,135,325
1925	437,502	1950	1,366,596
1926	394,964	1951	904,088
1927	487,166	1952	694,977
1928	583,527	1953	618,899
1929	856,854	1954	713,406
1930	702,189	1955	710,714
1931	502,390	1956	772,549
1932	556,139	1957	738,550
1933	821,805	1958	832,919
1934	1,390,799	1959	713,491
1935	1,448,017	1960	694,663
1936	1,764,900	1961	725,253
1937	1,362,984	1962	663,107
1938	1,310,596	1963	592,899
1939	1,486,535	1964	591,131
1940	1,297,517	1965*	544,480

* The tunas were the only species included in shipments during 1965.

TABLE 2
Total Annual Landings and Shipments Into California of Commercial Fish, Mollusks, and Crustaceans; Includes Sardine Deliveries to Reduction Ships During 1930 Through 1938

TABLE 3
Landings and Shipments of Leading Species Ranked by Pounds

1964				1965*			
Species	Rank	Thousands of pounds	Thousands of dollars	Species	Rank	Thousands of pounds	Thousands of dollars
Yellowfin tuna	1	202,856	\$28,678	Yellowfin tuna	1	196,435	\$28,808
Jack mackerel	2	89,693	2,109	Skipjack tuna	2	89,919	9,487
Albacore	3	74,721	12,266	Albacore	3	68,025	11,628
Skipjack tuna	4	72,554	7,227	Jack mackerel	4	66,666	1,829
Bluefin tuna	5	26,832	3,385	Squid	5	18,620	308
Pacific mackerel	6	26,828	666	Bluefin tuna	6	16,735	2,210
Squid	7	16,434	333	Dover sole	7	10,760	654
Sardine	8	13,137	500	Salmon	8	9,738	4,989
Salmon	9	10,175	5,374	Rockfish	9	9,392	573
Dover sole	10	9,265	560	Pacific mackerel	10	7,050	224
Rockfish	11	8,118	490	Anchovy	11	5,733	99
Anechoy	12	4,975	82	Pacific bonito	12	5,638	149
English sole	13	4,593	334	English sole	13	4,892	382
Abalone	14	4,079	573	Market crab	14	4,804	1,066
Petrale sole	15	2,698	323	Abalone	15	4,576	698
Sablefish	16	2,644	203	Miscellaneous (animal food)	16	2,874	57
Pacific bonito	17	2,612	66	Sablefish	17	2,864	201
Market crab	18	1,815	618	Petrale sole	18	2,662	325
Miscellaneous (animal food)	19	1,738	35	Sardine	19	1,924	125
Rex sole	20	1,411	95	Rex sole	20	1,491	102
All others	--	13,953	2,244	All others	--	13,682	2,294
Totals	--	591,131	\$66,181	Totals	--	544,480	\$66,208

* The tunas were the only species included in shipments during 1965.

TABLE 3
Landings and Shipments of Leading Species Ranked by Pounds

TABLE 4
Number of Licensed Commercial Fishermen

Area of residence	License year*	
	1964-65	1965-66
Eureka.....	1,277	1,520
Sacramento.....	239	348
San Francisco.....	1,396	1,546
Monterey.....	694	755
Santa Barbara.....	761	856
Los Angeles.....	2,132	2,022
San Diego.....	1,750	1,676
Alaska, Washington and Oregon fishermen licensed in California.....	532	429
Mexican nationals licensed in California.....	83	29
Other.....	49	41
Totals.....	8,913	9,222

* April 1 to March 31.

TABLE 4
Number of Licensed Commercial Fishermen

TABLE 5
Number of Registered Fishing Boats by Length

License year*	Up to 24 feet	25 to 39 feet	40 to 64 feet	65 to 84 feet	85 to 99 feet	100 feet and over	Total
1964-1965.....	1,021	1,679	1,108	121	35	98	4,062†
1965-1966.....	1,267	1,718	1,090	120	34	100	4,329‡

* April 1 to March 31.

† The owners of 462 boats were issued fishing party licenses in 1964-65.

‡ The owners of 492 boats were issued fishing party licenses in 1965-66.

TABLE 5
Number of Registered Fishing Boats by Length

TABLE 6
Origin of Shipments Received for Processing in California During 1965 *

Shipped from: Species	Pounds shipped to each area			Total pounds
	San Francisco	Los Angeles	San Diego	
Continental United States:				
Tuna, bluefin.....	----	7,260	----	7,260
Mexico and Central America:				
Tuna, bluefin.....	----	13,248	----	13,248
Tuna, skipjack.....	----	756,739	----	756,739
Tuna, yellowfin.....	----	790,159	----	790,159
South America:				
Tuna, skipjack.....	----	3,353,028	----	3,353,028
Tuna, yellowfin.....	----	280,888	----	280,888
Japan:				
Tuna, albacore.....	447,300	27,707,450	2,117,686	30,272,436
Tuna, bigeye.....	-----	10,120	-----	10,120
Tuna, yellowfin.....	1,115,560	28,338,413	1,823,589	31,277,562
Australia:				
Tuna, bluefin.....	----	785,838	----	785,838
China (Formosa):				
Tuna, albacore.....	8,934	53,905	----	62,839
Tuna, yellowfin.....	109,186	863,519	----	972,705
Malaya:				
Tuna, albacore.....	76,725	2,834,266	482,631	3,393,622
Tuna, bigeye.....	28,631	-----	-----	28,631
Tuna, yellowfin.....	354,824	2,678,949	206,208	3,239,981
South Pacific Islands:				
Tuna, albacore.....	-----	3,884,078	-----	3,884,078
Tuna, skipjack.....	-----	1,566,851	-----	1,566,851
Tuna, yellowfin.....	-----	1,740,903	1,182,295	2,923,198
Africa:				
Tuna, albacore.....	----	2,698,503	4,495,672	7,194,175
Tuna, yellowfin.....	----	287,070	110,341	397,411
Total pounds.....	2,141,160	78,652,087	10,418,422	91,211,669

* Beginning this year only tuna shipments are recorded.

TABLE 6
Origin of Shipments Received for Processing in California During 1965

TABLE 7
Origin of Commercial Fish Landings and Volume of Shipments Into California During 1965

Species	Landings of catches from				Tuna shipments*	Grand total
	California waters	Waters north of State	Waters south of State	Total pounds		
Fish:						
Anchovy.....	5,733,024	---	89,055	5,733,024	---	5,733,024
Barrauda, California.....	273,003	---	362,058	362,058	---	362,058
Blacksmith.....	117,785	---	117,785	117,785	---	117,785
Bonito, Pacific.....	5,632,399	---	5,641	5,638,340	---	5,638,340
Cabezon.....	7,438	---	7,438	7,438	---	7,438
Gabilla, spotted.....	1,248	---	1,248	1,248	---	1,248
Carre.....	142,337	---	250	1,135,566	---	142,337
Croaker, white.....	1,135,316	1,717	---	378,389	---	1,135,566
Flounder, arrowtooth.....	376,222	---	---	11,595	---	378,389
Flyingfish.....	171,090	---	213,815	171,090	---	171,090
Grouper.....	---	---	213,815	213,815	---	213,815
Hake, Pacific.....	119,255	---	---	119,255	---	119,255
Halfmoon.....	10,478	---	40	10,518	---	10,518
Halibut, California.....	1,128,348	---	115,370	1,243,718	---	1,243,718
Halibut, Pacific.....	5,002	17	---	5,019	---	5,019
Hardhead.....	216,097	---	---	216,097	---	216,097
Herring, Pacific.....	516,319	---	---	516,319	---	516,319
Lingcod.....	785,378	27,312	---	812,690	---	812,690
Mackerel, jack.....	66,666,380	---	---	66,666,380	---	66,666,380
Mackerel, Pacific.....	7,050,059	---	---	7,050,059	---	7,050,059
Opahye.....	2,995	---	154	3,149	---	3,149
Perch.....	181,810	---	2,926	187,736	---	187,736
Pompano, Pacific.....	62,156	---	---	62,156	---	62,156
Rockfish.....	9,153,754	139,021	99,649	9,392,424	---	9,392,424
Sablefish.....	2,814,109	49,441	---	2,882,550	---	2,882,550
Salmon.....	577,607	---	850,538	1,428,145	---	1,428,145
Shark.....	610,568	---	37,697	618,265	---	618,265
Sheephead, California.....	8,803	---	3,350	12,153	---	12,153
Skate.....	153,475	---	---	153,475	---	153,475
Smelt.....	368,951	---	---	368,951	---	368,951
Smelt, whitebait.....	148,596	---	---	148,596	---	148,596
Sole, Dover.....	10,061,376	698,587	---	10,759,963	---	10,759,963
Sole, English.....	4,890,594	31,797	---	4,892,391	---	4,892,391
Sole, petrale.....	2,616,173	16,084	---	2,662,257	---	2,662,257
Sole, rex.....	1,479,887	10,588	---	1,490,475	---	1,490,475
Sole, sand.....	310,082	355	---	310,444	---	310,444
Sole, miscellaneous.....	12,987	---	29	43,016	---	43,016
Swordfish.....	325,929	---	1,245	327,174	---	327,174
Tuna, albacore.....	19,850,865	230,603	3,136,516	23,217,984	44,807,150	68,025,134
Tuna, bigeye.....	2,274,674	---	13,653,186	15,928,160	38,751	38,751
Tuna, bluefin.....	---	---	659	806,346	16,734,506	16,734,506
Tuna, skipjack.....	40	---	84,241,655	84,241,695	5,677,518	89,919,213
Tuna, yellowfin.....	---	---	156,553,451	156,553,451	39,881,904	196,435,355
Turbot.....	78,531	---	---	78,531	---	78,531
Wahoo.....	---	---	32,122	32,122	---	32,122
Whitefish, ocean.....	1,323	---	659	1,982	---	1,982
Yellowtail, California.....	12,522	---	115,283	127,805	---	127,805
Miscellaneous.....	2,694	---	233	2,927	---	2,927
Miscellaneous (animal food)....	2,679,957	193,693	---	2,873,650	---	2,873,650

TABLE 7
Origin of Commercial Fish Landings and Volume of Shipments Into California During 1965

Species	Landings of catches from				Tuna shipments*	Grand total
	California waters	Waters north of State	Waters south of State	Total pounds		
Crustacean:						
Crab, market.....	4,803,906	----	----	4,803,906	----	4,803,906
Crab, rock.....	328,686	----	328,686	328,686	----	328,686
Lobster, spiny.....	480,325	----	480,325	480,325	----	480,325
Prawn.....	697	----	697	697	----	697
Shrimp, bay.....	10,765	----	10,765	10,765	----	10,765
Shrimp, ocean.....	1,320,964	1,400	----	1,422,364	----	1,422,364
Mollusk:						
Abalone.....	4,576,084	----	4,576,084	4,576,084	----	4,576,084
Octopus.....	20,151	----	20,151	20,151	----	20,151
Oyster, eastern.....	7,982	----	7,982	7,982	----	7,982
Oyster, giant Pacific.....	1,054,810	----	1,054,810	1,054,810	----	1,054,810
Squid.....	18,619,893	----	18,619,893	18,619,893	----	18,619,893
Miscellaneous mollusk.....	1,681	----	1,681	1,681	----	1,681
Total pounds.....	192,367,182	1,401,556	239,499,494	453,268,232	91,211,669	544,479,901

* For origin of shipments refer to Table 6. Beginning in 1965 only tuna shipments are recorded.

TABLE 7—Cont'd.

TABLE 8
Monthly Landings and Shipments Into California During 1965

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
LANDINGS:													
Anchoa.....	152,065	201,640	362,928	110,970	347,500	74,178	646,275	879,064	367,134	1,175,145	364,295	374,809	5,753,031
Barracuda, California.....	13,699	---	6,622	27,268	115,193	140,140	107,225	10,560	1,000	19,357	49,468	26,275	2,625
Bass, striped.....	13,811	187,025	280,067	1,612	111,317	124,390	176,758	1,811,000	1,135,211	1,257,268	263,261	246,722	8,639,100
Bonito, Pacific.....	2,154	560	384	9	11	88	328	282	918	2,751	518	7,438	
Cabilla, spotted.....	18,544	28,433	24,045	10,315	7,315	4,295	2,950	1,010	---	1,900	6,000	37,560	142,337
Croaker, white.....	81,081	112,417	219,214	70,753	66,416	40,013	26,783	43,400	23,187	92,386	250,822	68,771	1,135,566
Flounder.....	44,022	50,402	55,603	50,100	10,012	10,012	12,520	50,000	28,000	28,000	12,520	12,520	380,800
Gurnard, arrowtooth.....	480	2,031	475	1,482	1,077	3,578	1,277	1,050	---	145	---	---	11,561
Pinfish.....	61,325	46,760	1,533	---	33,377	49,710	60,567	24,106	3,150	150	21,155	74,074	171,090
Grouper.....	1,255	1,255	1,255	1,255	3,785	416	1,715	1,715	3,240	11,180	525	1,255	213,815
Hake, Pacific.....	---	---	13,590	14,690	30,565	32,010	1,640	1,640	1,640	1,640	1,640	1,640	1,640
Halibut, California.....	915	70	70	68	704	1,259	226	1,583	2,694	1,407	1,407	1,407	10,518
Halibut, Pacific.....	146,811	150,895	170,324	115,365	105,427	100,310	101,231	100,372	39,561	41,780	56,205	88,257	1,243,712
Haddock.....	17	2,512	305	301	1,167	187	350	187	350	187	350	187	5,019
Hardhead.....	49,779	56,133	56,133	15,200	6,700	6,700	6,700	6,700	6,700	6,700	6,700	6,700	516,319
Hake, Pacific.....	12,498	12,220	5,003	1,255	20,157	61,700	20,950	55,250	55,250	55,250	55,250	55,250	216,900
Lingcod.....	14,967	24,360	43,966	48,706	30,982	99,421	169,679	150,661	75,203	24,989	26,407	812,690	
Mackerel, jack.....	886,569	3,057,313	2,823,095	1,298,828	3,098,560	12,315,875	8,271,278	6,303,836	9,097,184	7,588,563	7,626,600	6,779,472	69,600,000
Mackerel, Pacific.....	79,321	26,580	37,115	92,676	41,707	405,881	798,321	259,438	2,325,800	1,150,400	472,581	1,360,220	7,089,049
Mahi-mahi.....	7	15	15	15	55	55	55	55	55	55	55	55	3,119
Percy.....	10,762	9,942	25,680	33,351	1,215	33,870	15,018	21,207	13,303	7,890	6,014	9,436	187,736
Pompano, Pacific.....	261	620	3,892	1,255	25,307	13,000	1,255	1,255	1,255	1,255	1,255	1,255	1,255
Rudderfish.....	650,918	75,204	89,102	681,417	562,800	834,287	851,225	1,111,731	901,386	850,104	509,464	729,580	9,902,424
Sailfish.....	128,675	181,267	300,731	138,283	177,878	223,081	202,295	287,807	301,722	431,002	275,476	113,430	2,863,500
Salmon.....	16,530	38,314	41,997	45,902	38,123	46,009	53,171	72,797	87,000	32,750	13,141	18,731	91,011
Sandabie.....	63,424	63,424	57,650	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	130,356
Seadragon.....	6,048	4,796	4,673	8,806	5,222	12,087	13,961	11,062	3,440	2,086	6,389	2,766	82,736
Sea bass, giant.....	47,818	42,740	16,938	33,546	23,032	42,705	5,890	11,342	37,394	23,829	15,121	21,387	351,750
Seabass, white.....	45,827	132,932	105,042	91,781	37,101	91,712	104,118	328,638	99,584	84,397	82,258	82,258	1,985,465
Shark.....	36,071	27,000	26,351	25,725	25,725	25,725	25,725	25,725	25,725	25,725	25,725	25,725	648,265
Shrimps, California.....	388	846	3,576	290	580	633	1,216	429	181	728	1,083	1,223	12,153
Skate.....	10,350	9,100	18,310	20,334	11,501	10,625	10,080	13,921	11,734	9,370	14,439	13,601	153,475

PISI
RIBELLETTA

Sole	2,117	9,005	20,004	16,017	38,082	30,331	26,700	92,035	64,272	64,326	1,491	1,948	308,951	
Sole, whitebait	1,672	4,068	5,000	22,908	30,133	52,014	25,148	1,645	—	—	—	—	14,306	
Sole, Dover	289,457	492,213	655,763	532,081	637,638	119,559	1,555,619	1,675,718	1,830,718	1,672,609	147,051	276,141	14,790,963	
Sole, English	17,472	37,507	54,071	29,081	29,081	11,196	1,195,559	1,195,559	1,195,559	1,195,559	1,195,559	1,195,559	1,195,559	
Sole, flathead	214,213	176,624	243,253	185,977	233,218	244,134	168,693	206,763	313,767	194,475	159,151	231,989	2,662,257	
Sole, rex	172,225	156,557	157,355	92,965	78,570	102,255	101,702	162,034	174,418	127,521	72,035	85,055	1,490,475	
Sole, sand	52,270	55,983	31,389	37,470	6,750	7,580	1,392	18,232	19,090	18,478	21,663	36,337	510,444	
Sole, miscellaneous	3,279	1,746	1,930	1,966	1,446	1,79	1,373	1,043	1,043	1,383	1,043	1,043	1,043	
Swordfish	1,050	—	—	—	—	—	1,803,013	7,373,897	5,512,295	5,838,510	2,628,056	61,122	23,217,984	
Tuna, bluefin	5,361	1,000	65,530	461	2,416,543	4,729,332	3,548,313	6,888,497	9,004,561	11,965,110	9,966,560	7,000,000	6,000,000	84,210,000
Tuna, skipjack	8,433,063	7,842,563	5,530,461	2,416,543	4,729,332	3,548,313	6,888,497	9,004,561	11,965,110	9,966,560	7,000,000	6,000,000	14,000,000	14,000,000
Tuna, yellowfin	15,789,000	11,400,000	19,814,530	41,729,332	18,300,000	12,941,000	12,400,000	12,400,000	12,400,000	12,400,000	12,400,000	12,400,000	12,400,000	12,400,000
Turbot	12,439	10,910	10,910	8,837	8,837	1,576	1,576	3,211	1,613	1,613	1,613	1,613	1,613	1,613
Wahoo	20,798	275	—	1,481	1,250	—	—	—	—	—	2,808	7,646	704	32,122
Whitefish, can.	527	692	33	130	59	59	343	29	55	55	1,088	—	—	—
Yellowtail, California	10,161	15,031	15,756	8,576	7,177	8,622	1,227	808	3,834	18,111	13,202	30,931	117,805	117,805
Miscellaneous	231	425	—	800	101	31	102	120	39	1,000	29	11	2,927	2,927
Miscellaneous (animal food)	94,077	142,451	107,152	165,209	192,482	492,340	615,787	146,080	310,128	191,467	75,589	120,994	2,615,680	1,965
Crustacean:														
Crab, rock	1,486,705	1,130,015	627,676	311,214	17,875	53,677	1,297	—	—	337,082	705,175	4,802,906	4,802,906	4,802,906
Lobster, spiny	58,259	44,803	30,047	—	—	—	—	40,523	30,953	25,586	21,586	22,615	328,886	328,886
Prawn	242	115	—	—	—	—	—	—	121,541	136,101	95,371	180,325	180,325	180,325
Shrimp, bay	—	—	—	—	—	—	—	—	168	172	—	—	—	—
Shrimp, ocean	—	—	—	—	—	—	—	—	—	—	—	10,765	10,765	10,765
Mollusk:														
Oysters	258,108	279,962	392,280	511,523	456,829	318,613	431,224	438,911	621,322	234,758	429,510	4,576,084	4,576,084	4,576,084
Ostrops	808	722	828	686	706	1,923	925	975	2,887	2,887	2,887	1,692	20,151	20,151
Oyster, eastern	558	686	815	706	500	283	316	316	316	1,156	1,156	1,156	1,156	1,156
Oyster, giant Pacific	400,001	34,321	115,860	115,313	118,277	62,297	40,267	17,364	104,279	169,735	145,273	145,273	1,054,810	1,054,810
Squid	3,017,153	1,906,280	356,860	9,300	713,865	2,770,325	4,001,980	2,301,340	148,090	204,430	1,188,215	1,991,055	18,619,803	18,619,803
Miscellaneous mollusk	92	81	518	102	174	118	93	93	148,090	25	22	496	1,081	1,081
Total pounds	30,984,830	29,402,406	31,018,156	26,250,269	31,29,076	41,084,416	13,390,246	18,276,269	48,790,314	47,857,619	31,262,001	31,683,697	455,208,232	455,208,232
SHIPMENTS:^a														
Fish:														
Tuna, albacore	2,784,907	2,857,249	8,709,568	33,465	1,300,561	6,386,306	8,813,673	4,042,679	1,889,277	3,378,292	5,437,694	2,971,374	44,807,150	44,807,150
Tuna, bigeye	9,521	10,110	—	—	—	—	—	—	10,120	—	—	—	38,751	38,751
Tuna, bluefin	59,485	—	—	—	358	285,733	337,422	—	—	—	—	—	98,936	98,936
Tuna, yellowfin	1,105,976	—	—	—	69,875	677,923	1,456,912	1,637,041	299,975	78,816	—	—	5,677,518	5,677,518
Tuna, yellowfin	1,423,608	1,196,770	2,158,016	1,932,148	5,261,117	5,902,951	4,378,045	7,269,985	2,654,222	4,312,527	2,515,656	558,772	39,881,901	39,881,901
Total pounds	4,277,284	4,370,105	8,167,611	1,955,971	7,118,280	13,304,707	14,648,030	12,949,705	1,813,501	7,782,883	2,981,341	3,533,145	91,211,669	91,211,669
Grand total	35,262,111	33,781,511	42,185,770	28,268,240	41,713,285	54,339,126	58,988,276	61,225,974	53,829,933	55,649,592	42,243,345	33,213,513	544,479,901	544,479,901

* For origin of shipments refer to Table 6. Beginning in 1965 only tuna shipments are recorded.

VALUATION

FISH

5

17

TABLE 9
Monthly Landings of Commercial Fishing Boats in the Eureka Area During 1965

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
LANDINGS FROM:													
<i>California waters:</i>													
Fish:													
Bonito, Pacific.....	650	436	1,272	6,463	302	5,227	3,569	15,441	14,266	212	2,422	57	53,251
Bluefish.....	1,866	475	1,182	1,077	5,378	1,192	1,050	3,111	2,422	290	53,375
Flounder, arrowtooth.....	480	145	290	5,002
Haddock, California.....	2,512	395	391	1,167	187	350
Hake, Pacific.....
Lingcod.....	889	947	16,130	22,422	17,333	50,202	69,516	125,002	102,046	37,811	5,146	2,805	450,612
Percy.....	927	3,224	8,176	7,876	93	9,339	11,192	4,925	1,889	480	1,139	49,232
Rockfish.....	110,876	196,470	240,056	182,209	111,928	180,013	231,000	397,668	338,322	239,929	73,207	73,384	2,385,133
Sablefish.....	98,361	84,719	161,072	46,260	39,385	129,048	129,048	129,048	129,048	288,362	181,207	50,362	500,277
Salmon.....	71,793	121,729	1,106,531	2,928,003	771,216	121,115	5,181,287
Sandab.,.....	417	5,596	9,757	5,477	5,892	16,099	18,591	21,097	10,989	8,061	1,327	2,932	2,345
Shark.....	175	50	2,448	2,152	61	4,889
Sole.....	262	98	1,382	22,691	5,012	20,911	85,401	61,285	18,711	213,872
Snell, whitechin.....	1,272	5,972	6,698	17,601	23,092	46,945	23,836	1,648	127,034
Sole, Dover.....	222,168	173,557	160,270	236,426	162,148	938,089	1,187,418	1,185,156	1,187,382	1,007,451	250,201	239,683	7,263,551
Sole, green.....	3,040	37,107	190,192	169,931	42,221	138,462	138,462	138,462	138,462	138,462	138,462	138,462	1,031,421
Sole, petrale.....	113,721	45,620	119,198	46,893	31,071	36,411	73,642	123,745	140,744	132,529	36,870	131,325	1,031,912
Sole, rex.....	43,213	23,316	60,882	39,914	39,709	71,056	58,258	113,182	82,571	58,433	18,586	41,149	651,169
Sole, sand.....	211	275	1,060	695	2,030	9,286	6,570	2,559	25,991
Sole, miscellaneous.....	131	185	238
Tuna, albacore.....	100	82	439	3,063	1,254	35,018	55,356	1,200,113
Turbot.....	525	45	6,039
Miscellaneous (animal food).....	19,258	6,392	8,934	41,706	60,347	218,121	331,065	307,329	222,672	96,641	34,842	49,557	1,388,261
Crabs, market.....	1,389,047	1,077,132	608,749	327,501	143,601	51,363	1,297	636,758	4,235,451
Shrimps, ocean.....	288,610	334,355	591,176	880	1,168,021

TABLE 9
Monthly Landings of Commercial Fishing Boats in the Eureka Area During 1965

TABLE 9—*Cont'd.*

Mollusk:	25	331	90	47	300	20	74,191	122,216	103,820	715
Otopus	68	107,109	93,15	41,275	43,000	32,7	687,652
Ovula, giant Pacific	481	481
Miscellaneous mollusk
Total pounds	1,974,791	1,702,804	1,714,582	1,328,555	1,810,557	3,462,357	5,838,018	4,075,108	2,986,031	2,439,299
Waters north of State:										
Fish:										
Flounder	756	541	420	1,715
Haddock, Pacific	17	17
Lingcod	4,026	3,176	4,623	10,670	2,863	832
Rockfish	4,468	28,251	13,500	1,108	11,297	9,611	8,917	5,000
Sablefish	1,869	6,831	1,149	1,287	4,255	10,445	21,229	1,470
Sanddab	408	50	20	413	50	941
Sole, Dover	12,984	70,642	65,794	18,121	81,518	159,987	213,568	25,920
Sole, English	110	8,777	4,029	51	1,725	8,779	2,000	19,585
Sole, green	172	1,626	3,165	290	2,115	3,196	361
Sole, rex	528	910	783	270	1,254	3,707	1,887	490
Sole, sand	809
Miscellaneous animal food	1,322	26,008	30,385	3,087	19,436	29,691	66,080	9,988
Crustacean:										
Shrimp, ocean	300	1,100	1,400
Total pounds	21,150	149,449	125,105	1,100	25,398	133,659	267,728	307,148	45,931
Grand total	1,995,941	1,702,804	1,714,582	1,478,004	1,935,662	3,463,407	5,663,416	4,211,767	3,253,789	2,806,447
										874,374
										1,459,196
										33,759,469

TABLE 10
Monthly Landings and Shipments of Commercial Fish Into the San Francisco Area During 1965 *

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
LANDINGS FROM:													
California waters:													
Alderney.....	—	7,090	11,169	—	—	24,600	—	11,290	54,880	28,370	—	—	141,470
Cabronet.....	45	28,353	21,045	16,915	7,616	4,385	2,430	1,010	—	85	115	1,118	1,201
Croaker, white.....	18,614	28,680	470	5,210	130	375	820	1,368	2,050	1,730	1,335	3,255	15,078
Flounder.....	35,152	37,654	27,425	30,525	7,240	5,905	945	12,882	14,905	16,672	28,000	10,130	225,333
Flounder, arrowtooth.....	—	135	1,090	—	—	15,755	19,585	85	1,640	—	335	5,130	129
Glassy Pacific.....	28,430	23,711	9,739	8,754	1,790	1,105	66	6,884	2,991	8,348	28,080	14,191	162,317
Haddock.....	48,770	55,455	56,155	15,513	6,700	—	—	—	—	930	1,050	28,310	210,667
Hake.....	12,120	22,500	7,655	—	—	—	—	—	—	—	—	—	63,120
Lingcod.....	8,305	15,040	17,901	17,042	11,414	18,341	15,880	20,427	27,262	18,101	6,005	11,792	92,199
Mackerel, jack.....	493	165	6,908	6,930	—	—	—	34	347	—	—	76	200
Perci.....	724	165	—	—	—	—	—	823	1,837	—	783	886	2,121
Porgy.....	130,000	177,000	194,825	76,151	88,538	98,598	91,025	134,032	193,000	162,000	151,850	117,000	1,875,157
Sablefish.....	38,885	58,613	88,821	36,237	28,845	9,339	21,217	8,015	77,153	71,068	61,686	49,211	688,292
Salmon.....	—	—	—	—	—	—	—	—	—	—	—	—	—
Sardines.....	12,810	15,185	16,115	22,256	17,665	20,150	22,709	35,750	25,570	17,893	11,190	10,615	3,652,201
Sole, amakihi.....	—	—	—	145	—	—	—	—	—	—	—	60	80
Sole, black.....	—	—	—	—	—	—	—	—	—	—	—	—	—
Sole, blacktail.....	6,340	4,160	1,800	2,889	100	1,945	2,165	1,720	5,167	10,510	11,692	21,810	75,091
Sole, flat.....	5,425	3,450	7,750	10,600	5,200	1,150	3,600	8,930	—	—	—	—	—
Sole, green.....	620	8,250	10,310	10,457	9,307	10,150	6,158	2,077	1,378	588	208	53	60,231
Sole, halibut.....	400	2,000	1,494	1,673	3,065	1,865	1,673	—	—	—	—	—	2,382
Sole, rockfish.....	51,250	310,943	473,224	208,910	85,566	228,337	290,669	375,045	170,321	220,735	161,510	2,915	2,863,509
Sole, Dover.....	326,024	255,700	120,014	140,273	74,825	115,405	121,307	108,941	209,994	165,998	181,268	172,553	1,092,572
Sole, English.....	—	—	—	—	—	—	—	—	—	—	—	—	—
Sole, petraleo.....	71,555	85,194	66,007	56,110	18,543	32,865	12,061	105,325	12,798	88,850	106,8	\$1,102	60,492
Sole, sand.....	50,000	60,000	10,115	12,157	21,803	24,803	24,803	24,803	24,803	24,803	24,803	24,803	125,525
Sole, sand.....	33,312	27,325	10,397	22,110	5,175	5,460	580	15,810	2,822	11,152	21,270	32,615	107,028
Sole, miscellaneous.....	—	—	—	—	—	—	—	—	—	—	670	—	270
Total, allwater.....	—	—	—	—	—	—	—	—	151,124	210,463	206,233	47,872	1,259, 635,722

TABLE 10
Monthly Landings and Shipments of Commercial Fish Into the San Francisco Area During 1965

Turbot	9,021	6,778	2,315	3,655	1,885	1,460	2,700	4,010	4,730	2,450	9,065	3,395	51,664
Miscellaneous.....	234	415	—	690	—	—	—	—	36	1,000	11	—	2,380
Miscellaneous (animal food).....	8,030	9,645	1,748	—	520	—	—	—	8,000	299	—	—	28,233
Crustacean:													
Market.....	66,095	60,560	11,574	11,481	3,193	2,050	—	—	—	—	335,972	69,164	557,089
Shrimp, bay.....	—	—	—	—	—	—	—	5,140	5,625	—	—	—	10,765
Shrimp, ocean.....	—	—	—	—	77,490	137,828	37,245	—	—	—	—	—	292,063
Mollusk:													
Octopus.....	808	663	6,434	700	896	1,142	2,109	801	6,154	1,347	—	—	19,553
Oyster, eastern.....	834	880	410	578	225	1,335	1,725	299	2,555	3,150	2,380	1,575	15,803
Oyster, West Pacific.....	10,022	19,483	21,615	14,037	11,719	13,154	10,960	462	11,258	17,128	24,229	23,633	7,382
Miscellaneous mollusk.....	—	—	—	—	—	—	—	—	25	—	395	—	420
Total pounds.....	989,009	1,239,290	1,225,515	1,132,016	1,184,239	1,757,639	1,429,945	1,861,353	1,586,391	1,145,035	1,214,055	752,112	15,546,899
SHIPMENTS:													
Fish:													
Albacore.....	387,803	145,066	—	—	—	—	—	—	—	—	—	—	532,059
Tuna, bigeye.....	6,521	19,110	—	—	—	—	—	—	—	—	—	—	28,631
Tuna, yellowfin.....	832,254	595,136	—	—	—	—	—	—	—	16,000	135,180	—	1,879,670
Total pounds.....	1,230,668	759,512	—	—	—	—	—	—	—	16,000	135,180	—	2,141,160
Grand total.....	2,216,677	1,998,602	1,225,515	1,132,016	1,184,239	1,757,639	1,429,945	1,861,353	1,586,391	1,161,035	1,379,233	752,412	17,688,059

* Includes Sacramento area landings.

† For origin of shipments refer to Table 6. Beginning in 1965 only tuna shipments are recorded.

MARINE FISH CATCH FOR 1965

21

TABLE 10—Cont'd.

TABLE 11
Monthly Landings of Commercial Fishing Boats in the Monterey Area During 1965

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
LANDINGS FROM:													
California waters:													
Fish													
Anchoy	76,900	90,880	27,100	33,400	222,600	493,350	372,274	597,450	248,324	1,114,635	342,180	339,560	3,958,653
Bonito, Pacific													
Common	1,815	186	131	42	—	—	—	566	3,972	3,488	1,026	638	9,259
Croaker, white	9,159	15,889	4,049	2,975	11,710	4,501	9,281	4,768	3,675	4,594	3,912	6,706	81,419
Flounder	6,665	11,819	14,535	8,177	2,660	2,420	3,810	5,576	3,581	2,579	2,066	1,392	65,283
Hake, Pacific													
Blue	1,515	5,985	7,075	3,575	3,767	10,761	12,476	32,631	10,734	420	421	1,650	77,280
Herring, Pacific	16	16	1,650	138,823	201,667	61,700	29,959	55,250	1,324	1,124	38	89	42,727
Lingcod	3,122	5,996	5,722	1,861	2,503	10,280	7,931	5,624	4,658	12,908	9,770	6,632	48,016
Mackerel, Jack	56,090	227,900	—	275	2,095	56,549	8,654	7,927	1,493,960	529,273	—	377,800	76,908
Mackerel, Pacific													
Pacif. Sardine	17	234	5,301	9,138	43	—	—	190	1,118	176	90	85	16,482
Pompano, Pacific													
Rockfish	107,233	153,095	193,588	160,936	161,392	38,009	49,439	243,530	17,813	253,145	201,445	170,700	2,615,151
Sole, petrale	15,739	42,225	51,905	32,930	85,489	68,200	69,219	71,515	46,070	26,139	30,371	8,085	570,905
Salmon													
Sockeye													
Sardine	11,270	16,456	—	—	—	—	—	—	—	—	—	—	401,899
Seal, white	49	—	21	11	—	—	—	114,632	10,356	30,711	6,239	—	220,443
Shark	3,354	1,189	573	569	3,556	10,305	5,459	4,615	656	2,016	16,907	3,102	52,409
Skate	3,463	5,650	10,118	9,301	6,202	5,946	6,295	5,179	4,234	170	1,440	841	59,229
Smelt	639	435	8,911	3,719	5,110	1,173	2,351	1,071	918	722	38	21,010	—
Sole, Dab													
Dab	1,245	1,245	1,245	1,245	1,245	1,245	1,245	1,245	1,245	1,245	1,245	1,245	13,660
Sole, English	10,674	30,420	68,335	59,720	34,182	47,782	36,096	45,725	39,940	30,020	10,243	11,577	433,684
Sole, petrale	17,741	22,092	40,921	34,410	27,000	29,221	16,642	40,653	25,785	10,999	8,835	3,397	276,632
Sole, rex													
Sole, sand													
Sole, miscellaneous	1,598	1,191	1,591	1,479	511	620	1,456	679	775	705	616	462	11,716
Swordfish													
Tuna													
Turbot													
Miscellaneous (animal food)	2,800	10,400	8,750	7,250	12,250	8,100	1,850	—	—	—	—	—	48,475

TABLE 11
Monthly Landings of Commercial Fishing Boats in the Monterey Area During 1965

TABLE 10—*Cont'd.*

Crustacean:													
Crab, market.....	1,457	939	625	568	130	1,010	2,188	6,917	
Crab, rock.....	242	115	37	108	172	174	211	697
Prawn.....
Mollusk:													
Octopus.....	31	82	18	90	40	565	190	677	750	2,146	
Other, East Pacific.....	1,566	1,000	1,534	701	426,053	2,446,775	3,617,540	2,121,995	130,590	116,230	413	3,861
Squid.....	102	174	118	93	22	8,865,195	780
Miscellaneous mollusk.....	92	81	37	61
Grand total.....	462,784	692,312	534,692	620,852	1,520,297	3,813,604	4,836,969	4,155,167	3,782,237	3,176,299	778,251	961,768	25,335,223

TABLE 12
Monthly Landings of Commercial Fishing Boats in the Santa Barbara Area During 1965

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
LANDINGS FROM:													
California waters:													
Fish													
Bailey,	—	—	2,400	3,400	6,823	11,116	8,061	6,300	4,300	1,800	1,600	46,703	
Barracuda, California	—	357	—	—	—	2,302	454	1,051	723	1,154	2,290	4,277	14,542
Bonito, Pacific	4,583	830	253	204	9	11	—	27	94	11	349	1,603	1,781
Cod,	454	94	903	—	—	—	—	—	185	2,800	—	—	3,109
Croaker, white	—	—	—	—	—	—	—	—	—	—	—	—	3,888
Flounder	4,146	6,775	12,376	7,999	349	139	367	640	726	212	803	34,622	
Haddock,	38,026	39,772	44,673	46,056	19,141	40,172	30,162	34,530	27,921	1,027	11,225	26,673	382,721
Herring, Pacific	—	—	—	—	150	—	—	—	—	—	—	—	150
Lingcod	2,003	2,299	4,213	3,361	2,453	5,541	5,583	4,360	3,602	4,255	2,656	4,251	49,847
Mackerel, jack	103,145	205,800	316,180	38,800	321,086	165,670	680,600	1,200,720	1,180,700	611,690	810,560	7,180,771	
Mackerel, Pacific	—	—	—	—	—	—	—	—	—	—	—	—	850,069
Oarfish	—	—	—	—	—	—	—	—	331,000	510,600	—	—	8
Percy	2,963	3,121	4,699	6,017	16	—	4,087	5,966	3,869	3,041	1,947	2,120	37,849
Pompano, Pacific	—	—	—	—	—	—	—	—	—	—	—	—	192
Rockfish	138,557	114,722	130,361	126,309	63,361	90,643	156,958	278,661	119,450	10,1532	121,513	288,449	1,732,909
Soldfish	2,010	650	1,975	1,680	5,835	9,030	28,305	3,070	190	210	185	—	53,140
Salmon	—	—	—	782	3,847	66,574	23,308	10,700	219	—	—	—	105,235
Sandabia	183	98	81	525	970	56	160	—	125	104	—	—	231
Sardine	5,205	5,700	—	3,900	—	—	—	—	42,000	87,350	—	—	149,505
Sea bass, giant	42	—	—	36	69	182	155	9	21	42,24	64	115	717
Sealab, white	1,834	1,071	1,651	2,941	7,888	903	2,883	7,997	11,334	17,558	18,696	19,081	93,637
Shark	5,422	1,149	1,913	8,101	15,979	25,970	30,148	2,604	7,825	10,108	5,481	9,700	122,153
Shrimhead, California	53	151	34	—	272	20	—	17	—	—	158	—	365
Skate	1,427	—	—	—	—	—	—	242	—	—	419	—	2,360
Smelt	—	—	—	—	20	—	—	—	—	—	—	—	40
Sole, Dover	35	350	7,219	15,751	14,960	22,573	40,981	14,455	2,982	355	—	—	118,632
Sole, English	88,020	121,472	121,472	121,472	121,472	121,472	121,472	121,472	21,032	46,706	80,572	116,621	909,368
Sole, girelle	8,018	22,411	20,627	47,566	122,431	71,711	36,106	21,598	15,005	14,180	12,680	8,105	400,541
Sole, rex	16,280	15,550	10,914	8,288	7,383	6,178	6,650	5,318	18,446	9,406	9,210	15,737	147,157
Sole, sand	17,317	28,418	21,902	15,300	—	229	292	5	645	1,161	712	3,722	57,807

FISH

BULLETIN

15

TABLE 12
Monthly Landings of Commercial Fishing Boats in the Santa Barbara Area During 1965

Sole, miscellaneous	636	370	111	43	...	4	227	1,118	1,023	235	78	328	4,176	
Swordfish	26,928	30,805	341	...	58,074	
Tuna, albacore	3,518	4,132	2,550	5,182	936	34	189,275	491,639	1,032,177	1,032,414	399,957	4,085	3,119,345	
Tuna, yellowfin	7	14	89	1,071	
Whitefish, ocean	21	
Yellowtail, California	32	16	...	48	
Miscellaneous	96	96	
Miscellaneous (animal food)	62,667	110,017	93,720	89,270	88,980	181,119	274,783	119,915	59,665	28,180	30,720	64,947	1,214,985	
CORVINA														
Crab, market	196	381	728	1,784	948	264	100	65	4,449	
Crab, rock	4,503	9,613	14,075	10,513	11,889	20,134	18,753	23,089	12,684	9,431	8,143	10,383	153,210	
Lobster, spiny	15,324	12,065	10,472	15,065	24,579	22,926	160,211	
Shrimp, green	280	280	
MULWREN														
Ahalone	131,411	...	208,817	239,133	282,520	259,207	326,538	247,654	278,589	333,898	161,002	288,919	2,753,579	
Otopos	
Oysters, green, Pacific	26,103	13,748	25,851	23,183	10,836	7,950	3,311	4,008	6,109	13,510	22,820	17,497	174,846	
Squid	997,800	422,700	106,000	61,000	134,780	263,700	1,985,980	
Grand total	1,673,997	1,193,140	1,057,681	785,525	1,192,983	1,091,783	1,927,790	2,591,096	3,183,831	3,636,635	1,756,762	2,016,557	22,113,760	

MARKET CATCH FOR 1965

15

TABLE 12—Cont'd.

TABLE 13
Monthly Landings and Shipments of Commercial Fish Into the Los Angeles Area During 1965

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
LANDINGS FROM:													
California waters:													
Fish:													
Anchovy.....	75,105	105,800	321,668	75,170	121,500	222,405	262,885	258,150	37,620	28,840	20,285	33,700	1,586,108
Barracuda, California.....	5,000	27,045	82,920	16,700	16,700	16,700	1,120	1,120	1,120	1,120	224,437
Bass,.....	2,278	185,889	280,007	1,542	57,500	107,225	110,421	150,140	1,787,150	1,126,441	1,242,883	272,265	215,312
Bonito, Pacific.....	71,186	128,930	213,193	5,244	11,100	21,100	36,720	16,667	82,707	245,171	50,532	1,030,133	5,099,099
Croaker, white.....
Dogfish.....	70	68	664	60,397	24,106	3,150	150	171,000	1,682	9,326
Hallibut, California.....	61,435	74,126	93,320	21,010	15,860	13,320	8,600	1,240	5,208	1,407	1,682	358,188	9,289
Herring.....	3,210	3,202	3,202	3,202	3,202	3,202	3,202	3,202	3,202	3,202	3,202	3,202	508
Mackerel, jack.....	726,059	2,624,113	2,806,855	1,221,473	3,632,013	12,099,665	4,582,026	4,931,456	6,115,396	5,789,152	7,013,919	5,552,836	56,778,918
Mackerel, Pacific.....	79,321	26,530	37,415	92,676	41,400	406,802	797,854	256,020	1,903,456	629,523	465,604	1,357,068	6,183,337
Opah.....	63	45	27	3,555	355	5	81	589	493	584	229	229	3,561
Perch.....	5,270	3,202	3,202	461	398	2,800	506	517	7,111	1,211	337	18,162	3,297,053
Pompano, Pacific.....	45,771	63,944	101,887	76,540	30,998	85,573	33,188	20,139	21,921	19,955	21,281	20,121	518,318
Rockfish.....
Sablefish.....	1,114	59	72	1,245
Salmon.....	1,390	2,442	1,040
Sardine.....	21	60	45,201	355	57	110	10	17	17	10	10	260
Sardine.....	59,813	58,627	97,357	418,963	108,325	273,193	25,886	35,565	185,802	104,962	43,006	22,178	1,355,968
Sculpin.....	2,715	2,312	1,918	2,050	1,384	241	3,700	1,414	1,414	1,414	1,414	1,414	5,246
Sea bass, giant.....	391	132	64	529	1,265	3,237	3,361	41	172	407	98	98	7,870
Seal, white.....	1,931	1,161	1,161	13,741	10,726	19,810	25,012	238,440	16,636	25,515	16,157	11,208	411,553
Shark.....	7,919	8,062	10,615	17,456	35,623	31,980	10,233	22,387	19,940	17,058	11,948	8,968	213,098
Sheepshead, California.....	37	646	1,143	142	71	99	20	21	60	297	1,181	4,171
Shark.....	36	36	36	36	36	36	36	36	36	36	36	36	376
Smelt.....	540	685	506	614	13,920	660	5,296	700	44,005	1,155	1,893	70,074
Sole, English.....	68	72	72	72	72	17	853	105	151	44	44	68
Sole, miscellaneous.....	1,045	166	225	333	150	75	32,456	138,145	63,939	4,172	4,172	4,172	238,091
Swordfish.....	2,370	2,318,270	1,919,512	2,828,012	1,834,132	55,238	10,550,831
Tuna, albacore.....	695,270	3,218,967	1,919,512	2,828,012	1,834,132	55,238	10,550,831
Tuna, bluefin.....	345	27	116	116	116	116	1,862	465	1,623,738	359,569	94,200	82,550	2,161,370
Whiting, ocean.....	300	300	18	18	973	711	555	330	1,213	274	610	55	1,019
Yellowtail, California.....	800	10	10	10	91	51	11	11	11	11	11	11	1,228
Miscellaneous.....	177
Crustacean:													
Crab, rock.....	13,881	11,134	11,330	8,211	12,240	17,225	23,528	17,434	18,269	15,057	10,538	10,302	160,149
Lobster, spiny.....	25,857	22,546	11,433	49,363	54,322	44,585	205,018

Mollusk:													
Aalone.....	97,821	—	41,506	123,162	195,724	137,599	128,000	129,107	117,325	247,749	56,171	118,117	1,392,570
Octopus.....	2,019,353	1,483,380	356,860	9,300	181,800	262,540	395,440	170,345	11,300	88,200	1,052,435	1,727,355	7,708,718
Squid.....													
Total pounds.....	3,302,383	4,796,266	3,808,430	2,211,268	4,624,144	11,011,668	7,297,558	12,943,256	12,386,112	11,322,401	11,225,553	9,296,888	97,194,029
Waters north of State:													
Fish:													
Tuna, albacore.....	—	—	—	—	—	—	—	—	—	31,581	153,543	45,476	—
Total pounds.....	—	—	—	—	—	—	—	—	—	31,584	153,543	45,476	—
Waters south of State:													
Fish:													
Barnacle, California.....	13,370	—	360	—	—	275	—	102	14,872	22,050	23,881	2,482	77,592
Catfish, Pacific.....	399	1,280	—	—	—	655	85	—	—	205	—	—	295
Catella, spotted.....	—	—	—	—	—	—	—	—	—	—	—	—	740
Croaker white.....	—	—	—	—	—	—	—	—	—	—	—	—	250
Gurnard.....	60,117	42,119	1,405	—	—	3,753	410	1,775	—	—	5,580	66,825	182,016
Hallmon.....	—	—	—	—	—	40	—	—	—	—	—	—	40
Hallibut, California.....	333	265	—	315	—	4,372	—	—	11	—	—	62	5,361
Perch.....	399	1,280	120	—	—	196	—	—	—	—	—	—	217
Pike.....	3,072	992	560	680	—	415	1,186	11,280	195	160	32,142	38,225	94,161
Sealipin.....	165	—	—	—	—	—	—	—	—	—	—	—	1,805
Sea bass, giant.....	38,417	35,644	16,267	20,419	21,375	36,660	2,886	38,706	37,170	23,020	12,132	13,940	296,696
Sebastas, white.....	41,512	129,540	190,709	66,061	7,555	61,174	67,069	42,576	28,465	32,142	38,225	79,172	—
Shad.....	10,844	8,240	130	—	—	60	—	205	369	320	130	130	27,783
Sheepshead, California.....	—	—	1,500	—	—	110	—	—	—	—	185	—	1,805
Tuna, albacore.....	1,060	—	—	—	—	—	—	181,630	296,030	106,849	33,088	1,678	—
Tuna, bluefin.....	5,364	—	—	—	—	—	—	—	—	—	—	—	62,841
Tuna, yellowfin.....	6,633,578	6,633,578	4,878,147	2,141,500	3,968,200	2,406,000	1,953,933	1,963,811	1,370,042	4,955,412	4,175,200	11,120	14,928
Tuna, yellowfin.....	12,059,559	9,655,580	17,535,730	15,725,642	14,350,276	10,973,307	10,067,298	7,026,600	6,577,730	8,674,750	6,112,500	4,725,777	66,881,885
Waloo.....	20,768	—	—	—	—	—	—	—	—	—	—	—	28,171
Whitefish, ocean.....	—	—	—	—	—	—	—	—	—	—	—	—	201
Yellowtail, California.....	12,464	14,754	13,055	8,576	6,160	787	475	16	708	15,978	10,212	27,303	111,118
Miscellaneous.....	—	—	—	110	—	—	—	—	120	—	—	—	290
Total pounds.....	18,916,511	16,421,035	22,638,692	16,032,121	18,363,733	13,679,000	17,169,902	14,372,932	20,418,618	19,003,808	14,689,225	15,121,007	207,447,717
SHIPMENTS: ^a													
Fish:													
Tuna, albacore.....	2,20,711	1,912,133	3,632,614	33,465	1,300,561	6,186,128	8,230,119	3,942,002	1,889,277	3,070,362	3,085,590	1,490,184	37,178,202
Tuna, bigeye.....	—	—	—	—	—	—	—	—	10,120	—	—	—	10,120
Tuna, mafie.....	59,485	—	—	—	358	285,730	337,522	—	—	—	—	—	306,510
Tuna, skipjack.....	1,105,976	—	—	—	460,875	677,923	1,456,012	1,637,041	259,975	78,816	—	—	5,677,518
Tuna, yellowfin.....	590,414	601,634	2,458,046	1,922,148	4,071,027	5,902,054	3,910,67	6,263,123	2,303,926	4,296,327	2,387,135	269,830	31,979,901
Total pounds.....	3,016,613	3,619,793	6,090,690	1,955,971	6,231,199	13,104,527	13,897,468	11,842,166	4,463,298	7,407,053	5,472,725	1,759,714	78,652,087
Grand total.....	25,265,580	24,837,094	32,537,782	20,199,380	29,219,076	40,795,197	38,055,928	39,158,356	37,329,642	38,547,705	31,430,977	26,147,739	383,524,438

* For origin of shipments refer to Table 6. Beginning in 1965 only tuna shipments are recorded.

MARINE FISH CATCH

1965

TABLE 13—Cont'd.

TABLE 14
Monthly Landings and Shipments of Commercial Fish Into the San Diego Area During 1965

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
LANDINGS FROM:													
California waters:													
Fish:													
Surfcrests, California													
Bonito, Pacific	7,051	306	203	213	29,711	1,786	132	26,041	21,750	3,858	8,881	9,746	26,503
Cunner, white	427	209	533	315	662	208	—	—	125	610	355	234	308
Halibut, California	14,171	16,638	14,855	7,631	16,738	13,504	7,652	749	1,678	9,466	9,781	7,568	119,777
Lingcod	—	34	—	—	—	—	—	43	—	—	—	39	116
Mackerel, blue	—	—	—	—	454	—	—	—	—	—	—	—	454
Sardine, Pacific	—	—	—	—	52	56	—	470	3,418	764	1,718	6,052	3,093
Sole, gray	—	—	—	—	—	—	—	315	—	—	—	—	423
Perch	157	55	348	168	412	451	744	266	871	691	226	32	4,631
Rockfish	33,938	34,560	24,683	20,513	27,250	35,154	30,449	14,274	15,693	18,094	14,671	23,331	292,753
Sole, sand	—	—	—	—	179	184	95	924	2,175	1,357	71	188	151
Sanddab	3,298	1,605	2,528	1,931	1,446	995	1,460	—	—	—	—	—	18,011
Sardine	—	—	—	—	179	22,190	29,071	20,731	20,731	20,730	20,730	20,730	83,240
Sardine	3,768	2,484	2,753	5,100	3,000	9,265	8,860	4,476	2,010	1,630	5,299	1,774	35,5
Sea bass, giant	15	345	27	135	762	488	329	806	102	374	695	196	4,457
Seallass, white	63	65	244	1,569	10,608	9,700	8,306	25,012	3,214	3,974	1,811	2,172	66,768
Shark	4,139	3,770	4,938	13,016	18,073	14,052	10,804	7,756	12,754	19,757	11,315	20,461	141,920
Smelt, California	90	190	232	357	500	—	—	—	—	—	233	388	3,046
Smelt	316	49	—	73	—	—	—	—	—	—	—	—	328
Sole, petrale	—	—	—	—	—	—	—	—	—	—	—	—	506
Sole, miscellaneous	16	—	109	785	6,732	6,221	4,667	1,886	241	130	—	—	22,881
Tuna, albacore	—	—	—	—	—	—	—	11,428	12,522	10,925	10,925	10,925	28,461
Tuna, bluefin	—	—	—	—	—	—	—	54,958	312,232	126,545	209,811	118,563	336
Tuna, skipjack	—	—	—	—	—	—	—	—	40	—	—	—	40
Whitefish, ocean	—	219	—	33	—	—	—	20	—	11	—	305	495
Yellowtail, California	—	—	—	—	326	121	195	544	1,490	905	1,327	354	5,232
Miscellaneous	—	—	—	—	—	7	—	—	—	—	—	—	32
Gastropods													
Clam, rock	1,480	168	424	208	552	—	—	—	—	898	1,200	1,186	6,116
Lobster, spiny	17,078	10,162	8,142	—	—	—	—	—	—	57,083	50,890	28,063	171,418

TABLE 14
Monthly Landings and Shipments of Commercial Fish Into the San Diego Area During 1965

Mollusk:															
Ahalose.....	28,963	23,205	20,285	35,413	58,691	61,066	56,666	33,882	38,438	16,682	27,191	410,382		
Total pounds.....	114,921	70,254	83,497	104,677	197,547	187,067	221,655	577,944	224,234	407,074	252,644	144,331	2,588,755		
Waters south of State:															
Fish:															
Barracuda, California.....	2,129	2,559	355	3,137	1,943	738	128	11,463		
Bonefish.....	325	110	140	483	138	2	5,646			
Cabilla, spotted.....	73	508		
Grouper.....	4,206	4,311	128	41,509	15,561	17,536	17,473	15,883	311	15,575	7,540	319		
Haddock, California.....	1,892	110,099		
Opah.....	154	154		
Perci.....	205	205		
Rockfish.....	7,560	13,204	15,857	6,274	4,071	1,592	3,698	55	268	18	100	1,000	84,125		
Sardine.....	27	37		
Selipin.....	751	1,067	1,819	2,219	16	21	5,893		
Sea bass, giant.....	8,923	6,619	11,796	551	4,200	169	457	57	338	1,856	7,035	42,001			
Sealase, white.....	385	1,078	1,198	7,465	181	925	12,473	8,250	8,379	9,462	8,300	5,120			
Sole.....	177	375	151	200	4,950	1,714	1,714	1,714	1,714	1,714	9,112		
Sheephead, California.....	190	185	511	215	404	40	1,545		
Sole, miscellaneous.....	29	215	29		
Swordfish.....	1,092	153	1,915		
Tuna, albacore.....	567,772	1,600,229	280,350	22,841	2,512,616		
Tuna, bonito.....	575,160	423,701	152,850	507,999	447,038	49,268	2,154,020			
Tuna, skipjack.....	1,779,115	1,316,681	857,914	304,079	757,565	1,085,769	1,115,336	3,426,151	2,808,994	1,141,210	1,702,531	1,261,141	17,639,100		
Tuna, yellowfin.....	1,721,409	1,938,471	2,379,345	3,551,239	4,485,560	1,940,254	2,379,458	2,640,483	616,318	3,632,16	1,218,545	3,621,116	20,388,259		
Wallop.....	273	1,181	1,260	702	3,708		
Whiting.....	116	29	465		
Yellowtail, California.....	197	290	33	20	8	102	338	1,128	2,049	4,105		
Miscellaneous.....	3	3		
Total pounds.....	3,529,211	3,281,305	2,955,177	3,885,806	5,276,371	3,080,169	4,610,011	7,562,732	3,896,518	5,699,386	3,207,993	4,961,408	82,051,777		
SHIPMENTS: ^a															
Fish:															
Tuna, albacore.....	2,076,051	1,187,060	200,180	582,954	100,677	298,939	2,352,101	1,484,190	7,095,989			
Tuna, yellowfin.....	467,608	1,006,862	350,296	21,335	289,242	3,322,433			
Total pounds.....	2,076,051	1,187,060	200,180	1,050,562	1,107,839	350,296	298,939	2,373,439	1,772,432	10,418,422			
Grand total.....	3,644,132	3,351,559	5,115,538	3,899,483	6,681,008	3,467,416	5,894,228	9,248,335	4,471,048	6,312,390	6,023,746	6,879,171	65,058,954		

* For origin of shipments refer to Table 6. Beginning in 1965 only tuna shipments are recorded.

CANNERY TOTAL 1965

52

TABLE 14—Cont'd.

TABLE 15
Value of Landings and Shipments of Commercial Fish Into California by Area, 1965

Species	Eureka	San* Francisco	Monterey	Santa Barbara	Los Angeles	San Diego	Total
LANDINGS:							
Fish:							
Anchovy.....	141,470	3,958,653	46,703	1,586,198	-----	5,733,024	
Barrauda, California.....	\$10,739	\$58,347	\$3,079	\$26,634	\$26,634	\$98,799	
Blacksmith.....	-----	-----	-----	\$1,915	\$47,743	\$7,110	\$56,768
Bonito, Pacific.....	212	10,570	17,781	5,439,361	170,416	5,638,340	
Cabezon.....	\$11	\$720	\$169	\$10,780	\$6,533	\$148,513	
Cabrilla, spotted.....	1,404	2,925	3,109	-----	-----	7,438	
Carp.....	-----	\$37	\$114	\$195	740	508	\$1,248
Croaker, white.....	142,337	-----	-----	-----	\$124	\$90	\$211
Flounder.....	15,078	81,419	3,888	1,030,383	4,798	1,135,566	
Grouper.....	1,722	\$5,849	\$212	\$43,949	\$155	\$2,187	
Hake, Pacific.....	54,951	223,533	65,283	34,622	-----	378,399	
Herring, Pacific.....	2,890	\$11,985	\$5,270	\$1,829	-----	\$21,974	
Flounder, arrowtooth.....	11,375	220	-----	-----	-----	11,395	
Flyingfish.....	\$475	\$6	-----	-----	-----	-----	\$41
Gaper.....	-----	-----	-----	-----	171,090	-----	171,090
Grouper.....	-----	-----	-----	-----	22,244	-----	22,244
Hake, Pacific.....	41,975	77,280	-----	-----	182,046	31,769	213,815
Halfmoon.....	-----	\$644	\$1,491	-----	-----	38,698	\$7,247
Halibut, California.....	290	162,517	94,065	396,291	360,769	229,786	1,243,718
Halibut, Pacific.....	5,019	\$38,653	\$20,876	\$91,003	\$87,850	\$53,683	\$291,123
Hardhead.....	1,706	-----	-----	-----	-----	-----	5,019
Herring, Pacific.....	216,097	-----	-----	-----	-----	-----	216,097
Lingcod.....	43,219	-----	-----	-----	-----	-----	43,219
Mackerel, jack.....	33,123	483,046	150	-----	-----	-----	516,319
Mackerel, Pacific.....	2,736	\$39,681	\$8	-----	-----	-----	42,425
Pompano, Pacific.....	486,954	202,499	76,906	45,617	598	116	812,690
Perch.....	\$34,739	16,875	\$7,767	\$4,166	\$99	\$12	\$63,058
Rockfish.....	1,300	2,751,937	7,133,771	56,778,918	454	66,666,380	
Seabass, white.....	1,008	225	850,060	6,183,337	16,447	7,050,059	
Seal.....	-----	22	-----	-----	\$21,000	\$22,157	
Seahorse.....	-----	-----	-----	6	2,564	577	3,149
Smelt.....	49,232	23,121	16,482	37,849	56,416	4,626	187,738
Sole, Dover.....	7,008	\$1,847	\$2,178	\$8,686	\$4,908	\$673	\$28,300
Sole, petrale.....	107,286	231,888	119,345	2,224	260	18,038	479,041
Sardine.....	\$8,410	\$15,879	\$7,345	\$164	\$43	\$4,510	\$36,481
Scaulpin.....	145	257,343	149,805	1,433,080	83,846	1,924,219	
Sea bass, giant.....	-----	\$48	\$26,056	\$10,863	\$78,833	\$9,730	\$125,530
Sheephead, California.....	60	5,587	93,907	1,281,727	1,184	1,424,145	
Shark.....	1,028	\$12	\$1,157	\$25,907	257,544	\$29,026	\$15,286
Skate.....	685	90,825	59,229	2,360	376	5,212	12,153
Smelt.....	-----	\$1,011	\$968	\$109	\$12	-----	\$120
Smelt, whitebait.....	213,872	60,517	24,010	40	70,074	438	368,951
Sole, English.....	11,924	\$8,142	\$1,991	\$4	\$1,980	\$50	\$24,091
Sole, petrale.....	127,034	21,562	-----	-----	-----	-----	148,596
Sole, Dover.....	-----	\$11,160	\$2,667	-----	-----	-----	\$11,160
Sole, petrale.....	7,992,300	2,593,200	85,583	118,652	-----	-----	10,559,953
Sole, English.....	\$409,451	\$144,080	\$4,292	\$7,045	-----	-----	\$653,868
Sole, petrale.....	1,555,999	1,992,872	433,684	909,868	68	-----	4,892,391
Sole, Dover.....	\$124,087	\$161,031	\$31,866	\$61,809	\$8	-----	\$381,801
Sole, petrale.....	1,047,996	936,692	276,432	400,541	-----	596	2,662,257
Sole, petrale.....	\$123,718	\$117,687	\$36,229	\$47,189	-----	\$149	\$324,972

TABLE 15
Value of Landings and Shipments of Commercial Fish Into California by Area, 1965

TABLE 15—Continued
Value of Landings and Shipments of Commercial Fish Into California by Area, 1965

Species	Eureka	San* Francisco	Monterey	Santa Barbara	Los Angeles	San Diego	Total
LANDINGS:—Continued							
Fish—Continued							
Sole, rex.....	662,057	458,756	242,119	127,543	---	---	1,490,475
Sole, sand.....	\$48,123	\$31,529	\$12,541	\$9,546	---	---	\$101,739
Sole, sand.....	24,246	197,628	703	87,867	---	---	310,444
Sole, sand.....	\$2,495	\$22,431	\$80	\$10,516	---	---	\$35,522
Sole, miscellaneous.....	338	670	11,716	4,176	3,204	22,912	43,016
Swordfish.....	\$33	\$51	\$1,151	\$384	\$378	\$5,582	\$7,582
Swordfish.....	---	---	1,303	58,074	238,091	29,706	327,174
Tuna, albacore.....	1,200,413	635,772	3,492,049	3,149,345	11,405,778	3,335,127	23,217,984
Tuna, albacore.....	\$167,111	\$88,256	\$182,230	\$435,017	\$1,154,591	\$84,145	\$5,593,283
Tuna, bluefin.....	---	---	---	---	\$12,662,845	2,264,315	\$28,160
Tuna, skipjack.....	---	---	---	---	66,581,855	17,659,840	84,241,695
Tuna, yellowfin.....	---	---	---	---	\$6,034,607	\$1,900,409	\$8,835,016
Turbot.....	6,039	51,664	370	19,414	17,176,461	\$111,034	\$14,267
Turbot.....	\$317	\$2,586	\$18	\$997	---	---	\$154
Wahoo.....	---	---	---	---	28,414	3,708	32,122
Whitefish, ocean.....	---	---	---	21	1,223	738	1,992
Yellowtail, California.....	---	---	---	83	\$89	\$33	125
Miscellaneous.....	---	---	---	48	118,360	9,397	127,805
Miscellaneous.....	2,389	---	---	96	407	35	2,927
Miscellaneous (animal food).....	1,561,957	28,233	48,475	1,214,985	6	\$88	\$7
Miscellaneous (animal food).....	\$31,638	\$571	\$970	\$24,300	---	---	\$57,479
Crustacean:							
Crab, market.....	4,235,451	557,089	6,917	4,449	---	---	4,803,806
Crab, market.....	\$867,511	\$194,259	\$2,610	\$2,046	---	---	\$1,066,426
Crab, rock.....	---	---	211	153,210	169,149	6,116	328,686
Lobster, spiny.....	---	---	\$21	\$8,585	\$21,810	\$279	\$31,695
Prawn.....	---	---	---	100,891	208,016	171,418	480,325
Prawn.....	---	---	---	\$76,332	\$169,881	\$138,416	\$384,629
Shrimp, bay.....	---	10,765	\$188	---	---	---	\$488
Shrimp, bay.....	---	\$2,153	---	---	---	---	10,765
Shrimp, ocean.....	1,169,421	252,663	---	280	---	---	1,422,364
Shrimp, ocean.....	\$116,352	\$25,484	---	\$31	---	---	\$142,467
Mollusk:							
Abalone.....	---	19,553	---	2,753,579	1,392,570	410,382	4,576,084
Abalone.....	---	\$2,840	---	\$151,059	\$191,357	\$51,955	\$698,211
Octopus.....	713	15,803	2,446	1,167	22	---	20,151
Oyster, eastern.....	\$40	\$694	\$191	\$64	\$9	---	\$998
Oyster, giant Pacific.....	---	7,982	---	---	---	---	7,982
Oyster, giant Pacific.....	---	\$20,833	---	---	---	---	\$20,833
Squid.....	687,092	187,008	5,564	174,846	---	---	1,054,810
Squid.....	\$158,031	\$43,012	\$1,140	\$40,915	---	---	\$212,607
Miscellaneous mollusk.....	---	8,868,195	1,985,980	7,769,718	---	---	18,619,893
Miscellaneous mollusk.....	---	\$202,103	\$18,541	\$86,740	---	---	\$304,444
Miscellaneous mollusk.....	481	420	780	---	---	---	1,681
Miscellaneous mollusk.....	\$75	\$12	\$194	---	---	---	\$281
Total pounds.....	30,759,469	15,546,899	25,335,223	22,113,760	304,872,349	54,640,532	453,268,232
Total value.....	\$5,111,534	\$3,175,725	\$1,495,827	\$1,735,612	\$31,556,508	\$7,241,002	\$50,116,208
SHIPMENTS:†							
Fish:							
Tuna, albacore.....	---	532,959	---	---	37,178,202	7,095,989	44,807,150
Tuna, bigeye.....	---	\$106,659	---	---	\$6,712,112	\$1,207,838	\$8,017,509
Tuna, bigeye.....	---	28,631	---	---	10,120	38,751	---
Tuna, bluefin.....	---	\$2,930	---	---	\$1,518	\$1,148	---
Tuna, skipjack.....	---	---	---	---	806,346	806,346	---
Tuna, yellowfin.....	---	1,579,570	---	---	\$131,802	\$131,802	---
Tuna, yellowfin.....	---	\$293,334	---	---	5,677,518	5,677,518	---
Total pounds.....	---	2,141,160	---	---	34,979,901	3,322,433	39,881,904
Total value.....	---	\$402,923	---	---	\$6,347,285	\$589,042	\$7,229,661
GRAND TOTAL POUNDS	30,759,469	17,688,059	25,335,223	22,113,760	383,524,436	65,058,954	544,479,901
GRAND TOTAL VALUE	\$5,111,534	\$3,578,648	\$1,495,827	\$1,735,612	\$45,248,853	\$9,037,882	\$6,208,358

* Includes Sacramento area landings.

† For origin of shipments refer to Table 6. Beginning in 1965 only tuna shipments are recorded.

TABLE 15
Value of Landings and Shipments of Commercial Fish Into California by Area, 1965

TABLE 16
Value of Landings by Port, Eureka Area, 1965

	Value	Pounds
EUREKA AREA TOTALS	\$5,111,534	30,759,469
Eureka		
Salmon	\$1,012,689	2,128,056
Market crab	359,427	1,754,829
Giant Pacific oyster	158,031	687,092
Dover sole	140,460	2,243,673
Albacore	117,098	841,153
Ocean shrimp	55,362	553,570
Sablefish	29,288	300,277
English sole	20,072	364,523
Rockfish	29,040	591,624
Petrale sole	21,455	181,744
Rex sole	12,947	178,125
Lingcod	5,115	71,693
All other species	10,161	119,381
Totals	\$1,980,145	10,016,190
Fort Bragg		
Salmon	\$1,020,867	2,150,359
Market crab	123,831	604,580
Dover sole	76,047	1,229,128
Sablefish	61,607	663,394
Petrale sole	63,033	533,942
Albacore	35,857	257,575
Rockfish	34,934	678,357
English sole	31,978	400,962
Lingcod	12,469	174,785
Rex sole	11,786	162,145
Miscellaneous (animal food)	8,050	402,516
All other species	10,559	147,445
Totals	\$1,494,918	7,405,188
Crescent City		
Salmon	\$383,818	786,941
Market crab	311,972	1,523,144
Ocean shrimp	59,545	505,401
English sole	18,375	230,401
Dover sole	18,193	290,606
Rockfish	17,521	334,414
Albacore	13,996	100,536
Petrale sole	10,180	86,230
Lingcod	7,762	108,808
All other species	10,479	124,641
Totals	\$851,841	4,181,122
Fields Landing		
Dover sole	\$262,851	4,198,721
Sablefish	56,260	578,085
Rockfish	45,406	919,779
English sole	44,662	560,013
Petrale sole	29,050	246,080
Miscellaneous (animal food)	23,520	1,176,471
Market crab	23,294	113,728
Rex sole	20,248	278,565
Salmon	9,716	20,231
Lingcod	9,393	131,668
Smelt	7,048	137,592
All other species	13,492	138,007
Totals	\$545,078	8,498,950
Point Arena		
Salmon	\$87,597	178,926
All other species	345	1,685
Totals	\$87,942	180,611

TABLE 16
Value of Landings by Port, Eureka Area, 1965

TABLE 16—Continued
Value of Landings by Port, Eureka Area, 1965

	Value	Pounds
Albion		
Salmon.....	\$75,556	154,332
Totals.....	\$75,556	154,332
Trinidad		
Market crab.....	\$48,642	237,485
Salmon.....	25,510	65,442
All other species.....	166	1,289
Totals.....	\$74,318	304,196
All other ports		
All species.....	\$1,736	18,880
Totals.....	\$1,736	18,880

TABLE 16
Value of Landings by Port, Eureka Area, 1965

TABLE 17
Value of Landings and Shipments by Port, San Francisco Area, 1965 *

	Value	Pounds
SAN FRANCISCO AREA TOTALS.....	\$3,578,648	17,688,059
San Francisco		
Salmon.....	\$326,472	585,790
Yellowfin tuna.....	293,334	1,570,570
Dover sole.....	112,702	2,028,748
Albacore.....	111,789	569,015
English sole.....	101,560	1,256,874
Market crab.....	93,930	269,370
Petrale sole.....	92,143	733,380
Rockfish.....	78,582	1,402,612
California halibut.....	34,520	145,138
Sablefish.....	23,204	606,558
Sand sole.....	21,387	188,423
Rex sole.....	20,635	300,245
Sanddab.....	13,563	198,065
Lingcod.....	9,981	119,798
Flounder.....	8,716	192,538
All other species.....	15,624	306,363
Totals.....	\$1,358,145	10,453,437
Bodega Bay		
Salmon.....	\$687,415	1,235,697
Market crab.....	60,753	174,225
English sole.....	54,225	671,071
Ocean shrimp.....	24,535	243,253
Dover sole.....	21,883	393,320
Petrale sole.....	19,378	154,233
Rex sole.....	9,162	133,312
Smelt.....	6,584	48,347
All other species.....	18,367	297,844
Totals.....	\$902,302	3,351,902
Sausalito		
Salmon.....	\$542,492	975,400
Albacore.....	45,036	324,324
Anchovy.....	10,739	141,470
All other species.....	9,185	82,482
Totals.....	\$607,452	1,523,836
Point Reyes		
Salmon.....	\$217,647	391,964
Giant Pacific oyster.....	34,987	152,117
Market crab.....	18,859	51,084
Petrale sole.....	6,116	48,000
English sole.....	5,234	64,773
All other species.....	13,355	192,305
Totals.....	\$296,198	903,925
Princeton		
Salmon.....	\$140,770	252,803
Market crab.....	14,806	42,150
All other species.....	6,308	50,623
Totals.....	\$161,884	345,885
Oakland		
Salmon.....	\$108,212	195,067
Albacore.....	36,006	259,374
Dover sole.....	7,216	129,900
All other species.....	1,465	33,962
Totals.....	\$152,899	618,303
Clear Lake		
Hardhead.....	\$12,323	211,619
Carp.....	5,143	105,057
All other species.....	125	626
Totals.....	\$47,891	317,302

TABLE 17
Value of Landings and Shipments by Port, San Francisco Area, 1965

TABLE 17—Continued
*Value of Landings and Shipments by Port, San Francisco Area, 1965 **

	Value	Pounds
Tomales Bay		
Eastern oyster.....	\$20,833	7,982
Giant Pacific oyster.....	8,025	34,891
All other species.....	7,391	48,960
Totals.....	\$36,249	91,833
Berkeley		
Salmon.....	\$7,254	13,062
All other species.....	845	4,879
Totals.....	\$8,099	17,941
All other ports		
All species.....	\$7,529	63,695
Totals.....	\$7,529	63,695

* Includes Sacramento area landings.

TABLE 17
Value of Landings and Shipments by Port, San Francisco Area, 1965

TABLE 18
Value of Landings by Port, Monterey Area, 1965

	Value	Pounds
MONTEREY AREA TOTALS.....	\$1,495,827	25,335,223
Moss Landing		
Albacore.....	\$343,641	2,488,458
Silmon.....	183,267	321,415
Jack mackerel.....	66,375	2,326,741
Anchovy.....	50,530	3,428,327
Pacific herring.....	34,224	416,611
Sardine.....	22,853	225,715
Squid.....	12,375	542,000
Petrale sole.....	8,661	66,086
English sole.....	7,316	90,997
Pacific pompano.....	5,158	19,224
All other species.....	27,407	415,483
Totals.....	\$761,807	10,341,057
Monterey		
Squid.....	\$180,028	8,323,195
Rockfish.....	137,030	2,554,716
Albacore.....	131,185	949,822
Salmon.....	46,979	82,405
English sole.....	27,166	337,909
Petrale sole.....	26,756	204,151
Sablefish.....	18,104	483,479
Jack mackerel.....	12,077	423,224
Rex sole.....	11,346	219,048
California halibut.....	8,984	40,482
Anchovy.....	6,750	457,945
All other species.....	25,689	412,566
Totals.....	\$642,074	14,488,447
Santa Cruz		
Silmon.....	\$50,194	88,079
California halibut.....	10,004	45,076
Albacore.....	7,424	53,764
Pacific pompano.....	6,279	23,403
Pacific herring.....	5,226	63,619
All other species.....	12,819	231,778
Totals.....	\$91,946	505,719

TABLE 18
Value of Landings by Port, Monterey Area, 1965

TABLE 19
Value of Landings by Port, Santa Barbara Area, 1965

	Value	Pounds
SANTA BARBARA AREA TOTALS	\$1,735,612	22,113,760
Morro Bay		
Albacore.....	\$433,857	3,140,948
Abalone.....	211,755	1,283,416
Rockfish.....	59,020	1,001,051
Jack mackerel.....	43,432	1,786,645
Giant Pacific oyster.....	40,215	174,843
Petrale sole.....	17,080	144,976
Salmon.....	16,747	20,308
Perch.....	8,312	35,313
White seabass.....	7,158	25,871
Miscellaneous (animal food).....	6,651	332,532
English sole.....	6,641	97,759
California halibut.....	6,580	28,654
Dover sole.....	6,084	102,460
All other species.....	16,091	207,959
Totals.....	\$879,623	8,391,738
Santa Barbara		
Abalone.....	\$198,538	1,219,045
Spiny lobster.....	60,243	79,621
English sole.....	48,465	713,436
California halibut.....	39,216	170,776
Rockfish.....	33,666	622,027
Swordfish.....	23,347	55,560
Petrale sole.....	19,099	162,678
Miscellaneous (animal food).....	17,615	880,788
Rock crab.....	8,638	138,095
Shark.....	5,728	77,637
White seabass.....	2,443	26,901
All other species.....	7,986	101,857
Totals.....	\$472,051	4,248,364
Port Hueneme		
Jack mackerel.....	\$120,985	5,347,126
California halibut.....	21,416	93,261
Pacific mackerel.....	21,080	850,030
Squid.....	18,541	1,985,989
Abalone.....	15,870	100,225
Spiny lobster.....	14,150	18,703
Sardine.....	9,380	129,350
All other species.....	8,487	110,661
Totals.....	\$238,909	8,635,369
Avila		
Salmon.....	\$42,381	75,800
California halibut.....	11,182	61,760
Petrale sole.....	10,942	92,877
White seabass.....	10,043	36,299
Sand sole.....	9,595	80,168
Abalone.....	9,419	57,077
Rockfish.....	5,431	88,286
English sole.....	5,304	78,030
All other species.....	8,424	110,238
Totals.....	\$115,724	680,585
Ventura		
California halibut.....	\$6,885	29,980
All other species.....	819	7,646
Totals.....	\$7,704	37,626
All other ports		
Abalone.....	\$15,477	93,816
All other species.....	6,124	26,262
Totals.....	\$21,601	120,078

TABLE 19
Value of Landings by Port, Santa Barbara Area, 1965

TABLE 20
Value of Landings and Shipments by Port, Los Angeles Area, 1965

	Value	Pounds
LOS ANGELES AREA TOTALS	\$15,248,855	383,524,436
Terminal Island		
Yellowfin tuna.....	\$23,787,967	161,884,750
Albacore.....	8,587,902	48,439,651
Skipjack tuna.....	7,585,884	72,255,023
Bluefin tuna.....	1,834,468	13,859,080
Jack mackerel.....	1,319,565	47,496,586
Pacific mackerel.....	137,190	4,208,530
Squid.....	57,080	5,122,110
Pacific bonito.....	46,371	1,555,822
Sardine.....	12,367	319,346
All other species.....	7,451	281,733
Totals.....	\$43,377,535	355,416,751
San Pedro		
White seabass.....	\$238,425	1,116,163
Abalone.....	85,722	623,760
Bluefin tuna.....	79,810	611,111
Jack mackerel.....	77,982	2,807,020
Pacific bonito.....	75,431	2,914,455
Swordfish.....	71,745	153,844
Rockfish.....	67,916	543,817
Spiny lobster.....	67,328	82,442
Sardine.....	61,266	1,113,734
California halibut.....	58,830	241,594
Pacific mackerel.....	50,503	1,549,251
Giant sea bass.....	48,187	302,394
California barracuda.....	47,255	298,938
White croaker.....	41,047	964,765
Grouper.....	38,698	182,046
Yellowfin tuna.....	35,728	259,970
Squid.....	29,118	2,607,908
Flyingfish.....	21,574	158,799
Albacore.....	17,376	107,033
Anchovy.....	15,049	896,250
Rock crab.....	13,191	102,202
California yellowtail.....	13,054	116,758
Shark.....	12,034	92,784
Pacific pompano.....	5,207	17,736
Seuljin.....	5,106	15,196
All other species.....	13,802	191,592
Totals.....	\$1,291,084	18,071,662
Newport Beach		
Abalone.....	\$103,369	752,323
Swordfish.....	35,392	75,890
California halibut.....	23,388	90,913
Spiny lobster.....	20,530	25,140
Shark.....	17,593	135,623
White seabass.....	12,955	60,647
Wahoo.....	5,983	20,768
All other species.....	9,119	173,867
Totals.....	\$226,998	1,334,989
Wilmington		
Jack mackerel.....	\$179,849	6,473,509
Pacific bonito.....	24,070	929,997
Pacific mackerel.....	13,568	416,234
All other species.....	6,853	317,840
Totals.....	\$221,340	8,137,580

TABLE 20
Value of Landings and Shipments by Port, Los Angeles Area, 1965

TABLE 20—Continued
Value of Landings and Shipments by Port, Los Angeles Area, 1965

	Value	Pounds
Santa Monica		
Spiny lobster.....	\$15,861	19,422
California halibut.....	6,418	26,536
All other species.....	13,061	120,813
Totals.....	\$35,343	166,591
Long Beach		
Spiny lobster.....	\$26,068	31,920
All other species.....	8,354	167,371
Totals.....	\$34,422	199,291
San Clemente		
Spiny lobster.....	\$25,540	31,273
All other species.....	1,847	14,341
Totals.....	\$27,387	45,614
Redondo Beach		
Rock crab.....	\$8,226	63,796
Spiny lobster.....	5,176	6,338
All other species.....	3,205	39,470
Totals.....	\$16,607	109,604
All other ports		
Spiny lobster.....	\$0,369	11,472
All other species.....	5,770	30,882
Totals.....	\$15,139	42,354

TABLE 20
Value of Landings and Shipments by Port, Los Angeles Area, 1965

TABLE 21
Value of Landings and Shipments by Port, San Diego Area, 1965

	Value	Pounds
SAN DIEGO AREA TOTALS.....	\$9,037,882	65,058,954
San Diego		
Yellowfin tuna.....	\$4,690,879	32,710,602
Skipjack tuna.....	1,900,409	17,650,840
Albacore.....	1,736,763	10,420,729
Bluefin tuna.....	294,070	2,264,315
Spiny lobster.....	114,219	141,452
Abalone.....	51,912	410,032
California halibut.....	51,875	222,046
Rockfish.....	39,445	324,473
White seabass.....	29,358	118,836
Shark.....	17,042	147,475
Sculpin.....	15,212	57,246
Swordfish.....	14,267	29,706
Sardine.....	9,730	83,846
Grouper.....	7,267	31,769
California barracuda.....	7,078	44,981
Giant sea bass.....	6,667	46,433
Pacific bonito.....	6,401	166,981
All other species.....	15,366	95,357
Totals.....	\$9,007,960	64,989,209
Oceanside		
Spiny lobster.....	\$9,152	11,334
All other species.....	5,722	39,719
Totals.....	\$14,874	51,053
All other ports		
Spiny lobster.....	\$15,045	18,632
All other species.....	3	60
Totals.....	\$15,048	18,692

TABLE 21
Value of Landings and Shipments by Port, San Diego Area, 1965

TABLE 22
Statewide Commercial Partyboat Catch by Species
(Not including anchored barges)
1956-1965 *

Species	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	MARINE FISH CATCH FOR 1965
Barracuda, California.....	87,603	577,184	782,723	1,195,585	755,488	391,881	335,507	385,695	203,070	443,304	1,200,312
Bass, kelp and sand.....	1,026,262	600,176	717,126	1,224,966	911,204	787,126	1,210,214	1,103,204	806,322	806,322	1,200,312
Bottlenose dolphin.....	61,140	10,555	122,568	278,305	1,159,919	849,128	708,725	775,719	1,298,804	1,298,804	1,200,312
Cabezon.....	18,105	14,479	9,969	5,329	2,516	2,829	1,535	6,726	6,401	7,575	1,200,312
Hake, California.....	21,061	10,758	16,192	25,363	48,110	103,111	119,533	128,649	114,011	114,011	1,200,312
Lingcod.....	37,610	38,812	39,801	21,380	20,332	21,146	29,390	27,212	25,263	33,200	1,200,312
Mackerel, jack.....	1,006	6,878	2,375	1,129	8,823	28,831	1,020	9,542	6,577	28,619	1,200,312
Mackerel, Pacific.....	121,136	151,960	139,607	88,952	70,370	112,984	116,738	146,560	101,219	151,896	1,200,312
Rockfish.....	2,100	1,296,111	1,826,132	1,119,779	1,019,779	899,800	959,972	999,972	1,021,439	1,021,439	1,200,312
Sabretooth.....	114,503	44,701	52,676	55,945	47,441	12,965	87,612	72,457	92,021	51,677	1,200,312
Solefish.....	36,558	13,473	13,743	11,477	15,111	26,672	32,314	53,896	73,844	71,888	1,200,312
Seahorse, white.....	19,753	19,030	34,039	10,503	18,697	11,082	11,564	19,800	14,901	9,778	1,200,312
Sheepshead, California.....	14,789	15,105	18,120	17,146	11,541	18,210	10,484	18,445	16,452	11,661	1,200,312
Tuna, albacore.....	34,143	41,540	39,432	29	18,201	22,614	18,201	18,201	112,358	99,711	1,200,312
Tuna, bluefin.....	34,187	6,428	884	1,339	97	2,268	2,453	737	693	92	1,200,312
Whitefish, ocean.....	7,051	4,389	6,143	5,608	5,850	6,647	6,157	6,231	6,949	13,810	1,200,312
Yellowtail, California.....	29,198	242,686	123,284	457,350	254,969	42,367	21,826	45,705	39,104	18,367	1,200,312
All others.....	62,027	50,118	44,539	28,939	36,152	35,781	93,776	112,639	114,400	163,503	1,200,312
Total number of fish.....	3,262,995	3,499,585	3,859,883	4,328,573	4,093,334	3,452,833	3,653,593	4,278,592	4,434,176	4,634,555	
Number of angler days*.....	523,063	536,175	515,152	557,154	516,355	495,805	593,866	645,155	695,445	688,103	
Number of anglers.....	---	---	---	---	637,498	583,916	645,155	688,103			

* See Fish Bulletin No. 121 for historical records 1939-1961.

† Not available after 1961.

41

TABLE 22
Statewide Commercial Partyboat Catch by Species (Not including anchored barges) 1956-1965

TABLE 23
Recorded Catch of Live Bait for Saltwater Sportfishing, 1965

Species	Thousands of pounds*
Anchovy-----	12,296
Sardine, adult-----	66
Sardine, juvenile-----	2
Miscellaneous†-----	82
Total pounds-----	12,446

* Weights are estimated from voluntary records submitted by 24 boats. A conversion factor of 12.5 pounds per live bait scoop is used. The weights of a scoop of live bait varies between 10 and 15 pounds. The records represent almost all of the live bait landings, however, they should be regarded as minimal.

† Consists primarily of queenfish.

TABLE 23
Recorded Catch of Live Bait for Saltwater Sportfishing, 1965

TABLE 24
**Inshore Bait Landings
Pounds and Value
1965**

Species	Statewide*	Sacramento	San Francisco and Monterey	Los Angeles	San Diego
Clam					
Freshwater-----	442,548	442,348	200	----	----
	\$49,548	\$49,534	\$14		
Jackknife-----	65,972	----	----	31,311	34,661
	\$34,083			\$16,850	\$17,233
Purple-----	10,768	----	----	10,094	674
	\$4,936			\$4,653	\$283
Unclassified-----	764	----	121	----	643
	\$1,013		\$49		\$964
Crab, sand-----	6,795	----	314	6,396	85
	\$13,115		\$163	\$12,928	\$24
Mudsucker, longjaw-----	91,384	----	----	----	----
	\$59,565				
Mussel (bay and rock)-----	69,403	----	723	58,738	9,942
	\$6,084		\$73	\$5,177	\$834
Sculpin, staghorn-----	511	250	261	----	----
	\$1,390	\$761	\$629		
Shrimp					
Bay-----	6,695	6,614	81	----	----
	\$5,862	\$5,772	\$90		
Ghost-----	4,578	25	1	4,107	445
	\$25,082	\$165	\$3	\$22,071	\$2,843
Red-----	4,667	----	----	----	----
	\$7,467				
Miscellaneous-----	12	----	----	----	----
	\$156				
Total -----	704,097	----	----	----	----
	\$208,301				

* Some figures are reported statewide only to avoid revealing the business of an individual in an area.

TABLE 24
Inshore Bait Landings Pounds and Value 1965

2. CALIFORNIA SALMON LANDINGS 1952 THROUGH 1965

PAUL T. JENSEN AND PHILLIP G. SWARTZELL

Marine Resources Branch

2.1. INTRODUCTION

The Department of Fish and Game's "Catch Bulletins" annually present pounds of salmon landed in the commercial fishery and numbers of salmon taken by anglers on commercial partyboats. These values are compiled from market receipts and from partyboat log books, neither of which separate salmon by species. Minor corrections have been made by the Biostatistical Section to historical commercial troll landing figures. These corrections have been included in Table 1, which therefore varies slightly from previous catch bulletins.

The Marine Resources Branch samples both commercial and sport salmon landings to provide estimates of species composition. The sport catch is estimated in number of fish and the commercial catch by both number and weight. Numbers of tagged and marked salmon landed are determined for both fisheries. Estimates are made by port-area and by month. The term "port-area" as used here refers to a group of ports which together form a meaningful unit for separating salmon catches.

Ocean skiff fishermen are not required to record their catches, so the sampling system is used to estimate the total landings of this fishery as well as the items mentioned in the preceding paragraph. As used here, the term "skiff" includes all fishing boats other than partyboats or commercial fishing boats.

2.2. PORT-AREAS

Almost all ocean-caught salmon landed in California are brought ashore at ports north of Point Conception. This area includes three official statistical areas and part of a fourth. To provide more detailed information on fish distribution and fishery activity, ocean salmon landings are reported here in five port-areas which differ from the official statistical areas (Figure 1, page 2).

The Eureka statistical area is divided into three salmon port-areas: Crescent City, Eureka and Fort Bragg. The San Francisco statistical area and salmon port-area are identical. The Monterey salmon port-area includes the entire coast south of the San Francisco port-area.

2.3. SAMPLING

2.3.1. Commercial

Intensive sampling of commercial salmon landings began in 1952 (Fry and Hughes, 1952). Minor sampling efforts conducted irregularly during the 1948 through 1951 seasons did not provide an adequate base from which to estimate port-month species composition and numbers of salmon landed.

Sampling occurs at up to 20 individual ports of landing scattered throughout the five port-areas. Approximately 15 percent of total landings are sampled annually. Prior to 1962, species, numbers of fish and numbers of marked or tagged fish were estimated by applying the proportion observed in samples to entire landings. Since 1962, estimates have been made by use of the Hartley-Ross ratio estimator. Abramson and Jensen (1963) provide a description of sampling methods and statistical treatment.

Landings of the river gill-net fishery which operated in the Sacramento-San Joaquin delta were sampled from 1952 until the fishery was closed by legislative action in September of 1957.

2.3.2. Sport

Landings of marine recreational salmon fisheries, partyboat and skiff, have been sampled continuously since 1960. Estimates by port-area and success data are unavailable for 1960 and 1961. We have included this information for the 1962 through 1965 seasons. Jensen (1964) describes the fisheries and sampling methods and discusses discrepancies between sample estimates and estimates derived from California's angling postal card questionnaire. Relative to size of landings, the sport fishery is much more expensive to sample than is the commercial fishery. We would probably have been unable to continue sport-fishery sampling after the 1962 season had not funds been provided by the United States Bureau of Commercial Fisheries.

The sampling program is primarily designed to provide information on catch. Where possible, we obtained data on effort as well. However, financially efficient sampling plans did not permit collection of effort information at all ports and for all months during the six-year period covered.

Catch-per-effort data have not been presented for the Monterey port-area. Salmon are not necessarily the primary object of angling effort in this region, and we have no way of apportioning effort when an angler's bag is of several species. Statewide effort figures are those observed in the balance of the State.

2.4. FISHERY REGULATIONS

2.4.1. Commercial

Troll fishery regulations changed only slightly during the 14-year period from 1952 through 1965. Gear restrictions remained relatively constant. From 1952 through 1956, the legal troll season ran from May 1 to September 30. From 1957 through 1960, the season was open from April 15 to September 15. The troll season of 1961 and 1962 was from April 15 to September 29 while the seasons of 1963-65 ended one day later. As mentioned earlier, the river gill-net fishery has been closed since September 1957.

2.4.2. Sport

Seasons for ocean sport salmon fishing during the 6 years of sampling were essentially the same, from Saturday nearest 15 February through the Sunday nearest 15 November. There was (and is) no closed season for salmon sport fishing north of Tomales Point. Gear restriction

changes during the 6 years have been minor. Bag limits have remained constant at three fish a day.

In the sport fishery, significant changes have occurred in minimum size limits. From 1960 through 1961, the minimum size limit was 22 inches. In 1962, one fish of any size was allowed in the three-fish bag, the remainder to be over 22 inches. Sampling during this season indicated that nearly one-third of the fish landed were less than 22 inches long. From 1963 through 1965, the minimum size limit allowed one fish over 20 inches and two over 22 inches.

2.5. REFERENCES

- Abramson, Norman J., and Paul T. Jensen. 1963. Statistical methods for estimating California salmon landings. *Pac. Mar. Fish. Comm., Bull.*, (6) :6-12.
- Fry, D. H., Jr., and E. P. Hughes. 1952. A sampling program for recovery of marked king and silver salmon. *Calif. Fish and Game*, **38** (4) :535-540.
- Jensen, Paul T. 1964. Landings estimates of California's marine recreational salmon fishery. *Calif. Fish and Game*, **50** (1) :48-52.

3. TABLES

TABLE I
California Commercial Troll Salmon Landings by Port Area, Month and Species, in Pounds^a and Numbers, 1952 Through 1965

1952	April		May		June		July		August		September		Season	
	Pounds	Numbers	Pounds	Numbers	Pounds	Numbers	Pounds	Numbers	Pounds	Numbers	Pounds	Numbers	Pounds	Numbers
Crescent City														
King.....	7,417	927	59,815	7,870	120,642	12,972	100,927	9,805	21,215	2,458	310,016	31,162		
Silver.....	222	41	4,205	728	244,914	28,817	274,267	33,941	43,465	5,113	567,190	67,743		
Bodega Bay														
King.....	12,310	1,383	198,104	23,306	79,109	8,885	119,163	11,083	16,598	1,993	425,284	47,169		
Silver.....	149	28	38,297	7,803	43,081	5,855	35,394	4,288	1,143	170	120,564	16,114		
Fort Bragg														
King.....	151,387	17,317	287,407	25,802	364,401	33,711	175,339	16,387	33,096	2,928	1,014,600	96,295		
Silver.....	4,147	889	10,424	1,303	24,510	3,073	6,548	862	6,820	842	35,155	6,952		
San Francisco														
King.....	343,999	25,672	810,075	58,279	911,267	56,928	29,716	20,263	570,041	54,339	2,969	11,000		
Silver.....	—	—	2,407	571	1,887	188	1,172	110	4,021	—	9,487	928		
Monterey														
King.....	391,199	30,396	411,536	32,831	192,286	12,941	69,793	5,109	9,089	876	1,107,202	81,708		
Silver.....	—	—	267	31	1,044	127	—	—	—	—	1,211	138		
Statewide														
King.....	900,612	75,725	1,799,926	148,178	1,668,235	124,034	756,988	63,015	650,432	62,478	5,785,212	474,320		
Silver.....	4,818	938	55,720	8,136	317,809	38,063	317,581	38,304	55,749	6,474	751,677	91,935		

1953	April		May		June		July		August		September		Season	
	Pounds	Numbers	Pounds	Numbers	Pounds	Numbers	Pounds	Numbers	Pounds	Numbers	Pounds	Numbers	Pounds	Numbers
Crescent City														
King.....	9,294	1,081	18,543	2,016	135,751	13,852	109,913	11,218	2,550	311	276,081	28,178		
Silver.....	347	61	2,409	371	61,848	8,710	39,032	5,069	1,206	137	104,511	11,351		
Eureka														
King.....	72,621	8,561	163,540	18,798	124,424	14,835	182,743	18,647	74,860	6,562	619,131	67,380		
Silver.....	2,749	509	11,182	1,062	108,565	10,475	123,390	13,754	—	—	274,610	36,365		
Fort Bragg														
King.....	216,424	23,024	218,732	20,142	288,054	28,861	312,085	31,427	74,827	7,126	1,311,123	126,966		
Silver.....	6,251	1,008	1,200	1,131	111,300	10,750	111,300	10,750	26,427	15,121	21,500	15,094		
San Francisco														
King.....	521,031	31,062	355,820	24,208	1,152,310	63,855	1,010,518	67,150	210,882	12,605	3,262,411	201,837		
Silver.....	399	32	1,429	172	5,895	538	41,141	3,994	2,537	295	31,441	3,031		
Monterey														
King.....	541,054	43,988	150,173	12,734	110,717	7,307	50,159	4,019	2,355	141	899,455	88,211		
Silver.....	216	33	2,299	301	686	64	2,174	240	2,355	31	3	5,667	651	
Statewide														
King.....	1,361,517	110,716	915,808	78,195	1,818,187	127,890	1,808,675	140,323	371,417	26,251	6,335,634	492,875		
Silver.....	9,755	1,742	28,550	4,371	285,202	37,175	125,172	51,245	51,610	6,709	800,589	101,632		

^a Dressed Head On.

TABLE I
California Commercial Troll Salmon Landings by Port Area, Month and Species, in Pounds and Numbers, 1952 Through 1965

TABLE 1—Continued
California Commercial Troll Salmon Landings by Port Area, Month and Species, in Pounds¹ and Numbers, 1952 Through 1965

	April		May		June		July		August		September		Season	
	Pounds	Numbers	Pounds	Numbers	Pounds	Numbers	Pounds	Numbers	Pounds	Numbers	Pounds	Numbers	Pounds	Numbers
1954														
Crescent City														
King.....	2,626	432	226,009	33,746	140,801	17,383	132,689	14,742	72,460	8,730	574,676	75,033		
Silver.....	113	22	52,348	10,067	105,785	15,557	52,627	6,118	29,167	3,646	20,010	35,710		
Eureka														
King.....	341,218	38,790	612,524	68,354	33,949	5,772	129,720	12,844	34,897	3,752	1,182,438	127,512		
Silver.....	5,559	957	50,988	9,948	22,538	3,820	12,051	1,651	11,141	1,446	10,968	17,822		
Fort Bragg														
King.....	95,218	10,026	250,611	23,424	716,677	62,219	512,551	54,327	181,906	20,212	1,757,026	170,508		
Silver.....	479	80	9,630	1,606	19,887	3,892	16,397	2,186	19,317	2,500	65,710	9,163		
Statewide														
King.....	223,105	19,751	900,806	69,830	1,357,578	105,869	556,905	65,925	310,761	32,997	3,368,158	276,172		
Silver.....	—	—	451	62	2,081	246	3,926	456	4,966	558	12,024	1,322		
Moss Landing														
King.....	269,889	30,325	380,127	54,246	468,311	46,372	189,957	14,583	17,142	1,749	1,285,426	121,530		
Silver.....	—	—	—	—	—	—	—	13	—	—	—	13	13	
Statewide														
King.....	932,226	99,324	2,490,197	229,400	2,692,316	231,715	1,181,816	142,983	686,160	62,140	8,107,753	771,094		
Silver.....	6,112	1,059	121,737	151,219	22,541	—	—	—	10,724	64,591	8,159	431,853	64,478	

¹ Dressed Head On.

CALIFORNIA SALMON LANDINGS

47

TABLE I
California Commercial Troll Salmon Landings by Port Area, Month and Species, in Pounds and Numbers, 1952 Through 1965

	April		May		June		July		August		September		Season	
	Pounds	Numbers	Pounds	Numbers	Pounds	Numbers	Pounds	Numbers	Pounds	Numbers	Pounds	Numbers	Pounds	Numbers
1955														
Crescent City														
King.....	97,078	10,908	112,359	17,795	452,093	41,762	182,719	11,893	47,236	3,904	881,485	89,262		
Silver.....	39	6	5,932	1,023	72,377	9,915	19,462	2,666	6,563	899	104,373	14,509		
Fortuna														
King.....	297,060	45,713	569,309	72,988	382,104	36,741	208,562	19,676	139,329	13,527	1,697,264	188,675		
Silver.....	708	151	12,232	1,942	42,928	5,724	83,133	10,796	38,387	5,563	177,478	24,176		
SEASON														
King.....	35,821	3,980	469,051	36,225	540,183	41,875	500,899	42,092	306,321	21,506	1,832,278	118,678		
Silver.....	144	21	5,117	787	31,439	3,367	42,972	5,887	28,091	3,556	107,763	14,621		
San Francisco														
King.....	369,670	27,532	1,289,859	97,716	889,768	56,369	991,022	62,328	387,267	27,082	3,918,577	284,927		
Silver.....	1,812	362	1,031	67	2,777	—	2,881	428	3,950	428	5,101	513	2,031	
Monterey														
King.....	317,111	30,146	270,032	20,074	441,180	17,381	95,819	6,850	41,199	3,074	906,578	71,702		
Silver.....	35	5	1,904	307	2,047	—	336	—	—	—	—	4,049	618	
Statewide														
King.....	1,288,550	118,602	2,710,404	244,798	2,408,328	184,911	1,937,051	142,820	921,340	72,003	9,245,882	763,211		
Silver.....	2,828	488	20,129	1,570	151,468	20,627	189,547	19,777	78,142	10,533	441,114	55,905		

TABLE I—Continued
California Commercial Troll Salmon Landings by Port Area, Month and Species, in Pounds¹ and Numbers, 1952 Through 1965

1956	April		May		June		July		August		September		Season	
	Pounds	Numbers	Pounds	Numbers	Pounds	Numbers	Pounds	Numbers	Pounds	Numbers	Pounds	Numbers	Pounds	Numbers
Crescent City														
Kin... Silver...	166,044	17,016	245,075	25,044	355,338	36,351	286,109	30,123	11,161	1,682	1,072,600	111,321		
Eureka	3,323	726	15,573	2,395	83,043	12,582	35,731	4,610	1,500	187	136,770	20,830		
Kin... Silver...	601,225	65,361	416,361	40,005	761,677	81,700	452,407	48,046	65,323	7,422	2,291,096	245,165		
Port Bragg	3,022	556	7,044	1,174	65,331	10,370	45,599	6,943	2,229	286	126,228	19,332		
King... Silver...	383,837	38,771	309,033	30,407	1,083,392	102,226	569,206	60,816	131,172	13,664	2,497,840	216,104		
San Francisco	2,317	421	19,723	2,465	71,023	9,811	65,579	8,862	18,739	2,342	177,984	23,901		
Kin... Silver...	682,733	73,414	731,667	65,015	1,050,696	80,206	347,260	26,307	108,542	8,286	2,023,918	253,228		
Monterey	683	103	1,474	107	2,109	234	4,574	456	5,833	686	116,688	1,626		
King... Silver...	581,035	45,087	240,207	38,743	66,825	10,007	88,507	4,784	43,218	2,338	1,028,822	102,459		
Statewide	888	97	481	62	201	22	446	47	174	25	1,786	231		
King... Silver...	2,418,564	211,451	1,046,646	195,734	3,319,128	313,100	1,764,549	170,706	363,449	33,396	9,814,366	968,387		
Silver...	10,630	1,906	41,297	6,253	222,907	33,019	154,927	20,928	28,475	3,524	469,538	65,649		

1957	April		May		June		July		August		September		Season	
	Pounds	Numbers	Pounds	Numbers	Pounds	Numbers	Pounds	Numbers	Pounds	Numbers	Pounds	Numbers	Pounds	Numbers
Crescent City														
Kin... Silver...	218	21	199,125	21,125	488,946	50,932	21,984	2,206	103,062	11,082	2,152	262	808,487	85,001
Eureka	9	2	8,750	1,760	45,096	7,835	13,704	2,141	63,434	9,611	3,777	525	132,769	21,864
Kin... Silver...	11,021	1,239	357,028	40,572	335,694	33,908	44,163	4,416	155,485	15,344	50,717	5,072	944,121	100,451
Port Bragg	123	27	5,069	1,056	13,623	2,725	6,369	1,100	56,637	8,859	12,609	1,853	91,651	15,611
King... Silver...	7,501	790	97,037	9,421	363,371	39,497	111,175	15,180	353,126	42,039	153,260	17,416	1,115,473	123,313
Monterey	45	9	3,104	669	46,290	10,287	28,606	4,568	107,874	17,309	34,789	4,832	220,610	37,734
King... Silver...	52,726	6,061	260,965	27,375	77,1781	69,800	56,691	3,799	75,592	6,461	25,820	2,430	1,245,260	115,926
San Francisco	106	21	5,037	988	53,861	7,805	2,482	259	1,620	203	468	43	63,374	9,255
King... Silver...	40,678	3,802	203,070	17,858	17,470	17,131	67,207	5,551	29,150	2,631	4,181	335	519,358	47,308
Statewide	216	49	2,051	456	11,947	2,389	7,408	557	2,884	288	446	43	21,566	4,139
King... Silver...	112,152	11,916	1,107,435	116,328	2,137,532	211,268	311,133	31,215	716,424	77,869	238,133	25,515	4,640,709	474,111
Silver...	529	108	21,911	4,759	108,818	31,911	58,750	9,901	232,449	36,321	51,334	7,283	538,200	88,566

¹ Dressed Head On.

TABLE I
California Commercial Troll Salmon Landings by Port Area, Month and Species, in Pounds and Numbers, 1952 Through 1965

TABLE 1—Continued
California Commercial Troll Salmon Landings by Port Area, Month and Species, in Pounds¹ and Numbers, 1952 Through 1965

1958	April		May		June		July		August		September		Season	
	Pounds	Numbers	Pounds	Numbers	Pounds	Numbers	Pounds	Numbers	Pounds	Numbers	Pounds	Numbers	Pounds	Numbers
Crescent City														
King.....	689	84	42,883	5,229	24,228	3,028	56,996	6,705	10,944	1,351	13,039	1,571	148,779	17,968
Eureka.....	—	—	1,162	242	394	96	3,124	851	1,850	289	1,489	219	10,019	1,700
King.....	10,769	1,455	215,438	27,620	98,786	12,191	88,021	11,781	18,420	2,211	16,138	1,753	445,572	57,031
Port Bragg.....	—	—	17	17	—	—	3,186	640	1,509	3,908	453	11,509	—	2,288
Fort Bragg.....	30,579	3,474	181,261	18,139	205,055	31,055	21,111	28,551	159,907	16,329	17,369	1,430	950,612	102,461
Silver.....	35	7	384	127	1,000	280	17,678	2,898	9,431	1,414	—	—	—	—
San Francisco														
King.....	3,805	442	510,528	56,205	528,070	50,262	467,407	44,652	67,417	6,545	43,221	4,206	1,550,618	162,712
Silver.....	—	—	3,012	451	5,051	1,028	8,165	1,150	6,154	779	1,377	151	24,302	3,544
Marysville														
King.....	20,725	2,689	206,222	18,098	74,616	7,174	59,487	4,836	12,675	1,625	949	91	380,774	31,513
Silver.....	20	5	227	36	1,036	185	725	98	—	—	—	—	—	324
Sebastopol														
King.....	72,561	8,144	1,186,472	125,382	1,030,755	107,345	924,225	96,810	271,553	27,971	90,816	9,032	3,576,385	374,715
Silver.....	55	12	7,162	1,506	8,181	1,589	31,800	5,379	23,691	5,574	825	85	80,456	12,685

1959 ^b	April		May		June		July		August		September		Season	
	Pounds	Numbers	Pounds	Numbers	Pounds	Numbers	Pounds	Numbers	Pounds	Numbers	Pounds	Numbers	Pounds	Numbers
Crescent City														
King.....	1,966	228	44,660	5,134	107,188	12,209	2,269	264	29,248	2,083	16,018	1,369	201,654	21,885
Eureka.....	—	—	—	—	37,500	4,875	5,537	—	10,329	19,337	2,613	21,949	3,275	81,465
King.....	97,981	11,395	515,500	55,460	14,585	18,941	8,722	2,492	13,551	1,129	7,492	651	787,101	83,315
Silver.....	—	—	3,069	968	27,781	4,981	7,638	1,459	1,735	3,231	5,075	530	38,466	5,383
Fort Bragg.....	5,164	563	70,888	6,564	211,019	19,721	238,363	19,211	138,363	8,702	21,156	1,607	686,452	59,388
Silver.....	—	—	71	14	19,100	3,231	29,791	4,146	138,363	8,702	1,661	17	1,003	5,318
San Francisco														
King.....	195,647	18,633	395,066	37,987	456,546	35,119	2,611,777	168,592	825,207	61,441	52,017	3,280	4,584,230	325,662
Silver.....	—	—	305	64	2,291	337	34,400	4,103	10,843	1,261	157	17	45,089	3,874
Marysville														
King.....	89,272	8,839	108,130	9,569	76,978	5,098	54,506	3,120	1,537	115	3,082	288	333,505	27,029
Silver.....	—	—	217	33	158	26	339	36	—	—	—	—	701	95
Sebastopol														
King.....	390,330	39,654	1,132,249	112,741	997,886	88,001	2,915,557	191,925	1,006,006	71,070	100,795	7,195	6,543,223	543,889
Silver.....	—	—	3,782	719	87,160	13,427	72,816	10,165	35,885	4,057	25,833	3,921	225,476	34,889

CALIFORNIA SALMON LANDINGS

(f)

¹ Dressed Head On.

^b Not included are 1,369 pounds (274 fish) of pink salmon.

TABLE I
California Commercial Troll Salmon Landings by Port Area, Month and Species, in Pounds and Numbers, 1952 Through 1965

TABLE 1—Continued
California Commercial Troll Salmon Landings by Port Area, Month and Species, in Pounds^a and Numbers, 1952 Through 1965

1960	April		May		June		July		August		September		Season	
	Pounds	Numbers	Pounds	Numbers	Pounds	Numbers	Pounds	Numbers	Pounds	Numbers	Pounds	Numbers	Pounds	Numbers
Crescent City														
King.....	861	102	32,423	3,811	27,513	2,930	450,001	46,485	189,891	20,201	35,868	3,600	737,490	77,192
Silver.....	6	1	225	39	645	119	12,989	1,968	7,091	1,013	1,494	199	22,453	3,339
Eureka	37,785	4,291	422,691	45,151	115,721	12,858	250,411	24,078	112,600	10,426	40,859	3,748	980,067	100,855
King.....	38	6	2,980	523	4,322	772	12,350	1,900	6,551	910	5,204	578	31,149	4,689
For Dragg														
King.....	3,390	464	50,612	6,326	93,551	8,996	283,480	22,322	115,851	12,573	56,723	4,649	633,616	55,330
Silver.....	232	45	1,086	198	3,605	660	12,124	1,881	6,713	895	8,177	1,136	32,331	4,809
San Francisco	135,369	10,830	296,774	27,479	1,007,250	90,907	785,413	58,464	516,682	36,132	92,815	7,425	2,852,303	231,237
King.....														
Silver.....														
Monterey	214,415	20,512	328,419	25,070	170,220	16,142	99,188	8,963	19,652	2,027	22,284	2,044	8,995	73,088
King.....														
Silver.....														
Statewide	421,833	36,232	1,190,619	108,110	1,143,288	132,132	1,867,699	160,312	984,675	81,330	248,549	21,826	6,096,384	539,702
King.....														
Silver.....	276	32	1,623	783	15,327	2,286	45,582	6,771	13,805	8,115	17,648	2,166	125,061	17,518

1961	April		May		June		July		August		September		Season	
	Pounds	Numbers	Pounds	Numbers	Pounds	Numbers	Pounds	Numbers	Pounds	Numbers	Pounds	Numbers	Pounds	Number
Crescent City														
King.....	27,417	3,723	137,581	18,802	235,593	29,772	430,340	37,816	310,081	32,758	5,115	445	1,176,857	130,106
Silver.....	278	56	1,390	278	38,671	7,296	121,374	17,859	43,835	6,174	367	50	205,019	31,704
Eureka	151,746	18,734	207,574	26,275	233,652	25,676	413,234	40,915	290,680	27,440	5,827	535	1,272,717	136,575
King.....														
Silver.....														
For Dragg														
King.....	107,678	12,377	166,741	19,166	81,310	7,865	245,634	21,931	69,791	14,624	106,620	10,453	1,210,772	116,146
Silver.....	5,848	1,132	8,591	1,753	1,907	876	26,391	3,015	39,940	4,538	14,128	1,472	35,993	12,787
San Francisco	165,996	16,435	899,841	89,053	1,000,981	87,805	716,297	59,198	635,000	49,616	223,751	17,481	3,641,356	319,888
King.....														
Silver.....														
Monterey	74,731	6,984	358,150	31,979	29,021	15,783	76,231	5,838	53,635	4,789	35,388	2,786	7,611	68,145
King.....														
Silver.....														
Statewide	527,608	58,253	1,769,887	185,105	1,751,363	183,601	1,882,198	125,514	1,780,877	150,237	376,701	31,700	8,100,961	773,600
King.....	7,103	1,441	22,266	1,362	132,817	23,031	226,148	31,543	130,054	16,184	17,563	2,206	836,043	70,098
Silver.....														

^a Dressed Head On.

TABLE I
California Commercial Troll Salmon Landings by Port Area, Month and Species, in Pounds and Numbers, 1952 Through 1965

TABLE 1—Continued
California Commercial Troll Salmon Landings by Port Area, Month and Species, in Pounds¹ and Numbers, 1952 Through 1965

1962	April		May		June		July		August		September		Season	
	Pounds	Numbers	Pounds	Numbers	Pounds	Numbers	Pounds	Numbers	Pounds	Numbers	Pounds	Numbers	Pounds	Numbers
Crescent City														
King.....	15,692	1,633	57,317	6,118	48,000	4,961	32,370	2,878	68,769	9,405	4,142	439	226,260	25,434
Silver.....	927	178	2,222	368	17,663	2,191	80,101	7,282	8,503	1,062	109,506	11,381
Eureka	210,007	22,505	668,223	70,094	610,679	57,821	762,051	67,489	135,637	14,281	608	85	2,358,108	232,368
King.....	130	14	9,122	1,688	40,366	6,211	105,729	15,313	2,093	377	4,006	547	162,148	21,148
Fort Bragg	22,642	2,742	28,041	2,439	225,057	16,378	590,114	40,157	102,392	9,099	280,336	23,537	1,218,882	91,652
King.....	60	6	736	130	8,430	1,217	49,387	6,132	18,336	2,350	11,071	1,135	88,382	10,970
King.....	254,182	23,987	324,711	28,535	291,486	21,062	561,980	43,090	365,819	29,899	240,197	20,343	2,011,705	169,951
Silver.....	321	58	1,187	177	3,188	346	2,107	218	2,458	251	9,288	1,053
Modoc	35,143	2,941	133,853	10,880	190,050	10,801	55,399	4,688	28,081	2,439	33,669	2,275	426,565	33,811
King.....	18	3	1,273	191	482	61	1,775	255
Statewide	357,876	33,908	1,211,905	118,066	1,315,312	114,146	1,776,117	138,602	701,358	65,123	558,652	46,684	6,301,320	556,210
King.....	190	20	11,124	2,058	53,186	8,164	177,519	24,313	102,737	10,227	29,155	2,998	311,311	47,807
Silver.....

1963 ²	April		May		June		July		August		September		Season	
	Pounds	Numbers	Pounds	Numbers	Pounds	Numbers	Pounds	Numbers	Pounds	Numbers	Pounds	Numbers	Pounds	Numbers
Crescent City														
King.....	557	75	34,836	4,293	141,934	17,061	200,376	23,400	52,848	6,023	11,551	1,344	412,105	52,196
Silver.....	3,085	725	60,831	11,009	202,496	31,532	5,551	27,185	3,694	330,982	55,512	
Eureka	88,743	11,206	516,406	67,747	308,855	37,553	297,287	33,531	71,315	8,740	10,707	1,356	1,290,313	160,133
King.....	369	69	30,765	6,761	56,519	10,210	132,437	21,561	9,571	1,348	18,193	2,292	217,981	22,214
Fort Bragg
King.....	101,681	11,353	117,888	13,144	210,882	21,825	371,031	31,856	27,322	21,611	142,973	11,121	1,218,847	119,957
Silver.....	82	15	4,934	945	131,971	25,969	71,235	16,176	6,332	992	464	55	257,966	38,152
King.....	281,562	32,059	863,134	83,542	412,143	36,902	800,459	60,873	712,361	53,901	206,622	14,502	3,306,281	281,779
Silver.....	21,909	3,742	26,406	3,765	75,714	5,534	33,206	5,849	10,381	1,018	187,110	23,880
Modoc
King.....	121,561	11,235	205,511	18,100	187,473	14,354	33,855	2,603	18,703	1,688	4,716	104	511,762	18,287
Silver.....	6	6,065	10,925	1,174	1,491	1,114	1,114	1,114	1,114	1,114	2,289
Statewide	591,047	65,938	1,737,775	186,826	1,258,287	139,365	1,703,988	138,232	1,131,439	94,987	376,372	29,029	8,829,048	662,432
King.....	181	99	66,479	13,125	303,060	32,081	186,510	17,817	106,363	13,806	56,325	7,090	1,019,642	161,577
Silver.....

¹ Dressed Head On.² Not included are 10,406 pounds (1,896 fish) of pink salmon.

TABLE 1—Continued
California Commercial Troll Salmon Landings by Port Area, Month and Species, in Pounds¹ and Numbers, 1952 Through 1965

1964	April		May		June		July		August		September		Season	
	Pounds	Numbers	Pounds	Numbers	Pounds	Numbers	Pounds	Numbers	Pounds	Numbers	Pounds	Numbers	Pounds	Numbers
Crescent City														
King.....	1,368	150	7,005	676	43,071	5,388	143,291	17,934	11,403	1,388	1,261	155	207,692	25,601
Silver.....	---	---	---	---	28,925	4,871	26,022	37,841	67,409	8,116	2,619	270	361,005	51,098
Eureka														
King.....	47,495	5,968	992,814	116,523	389,213	45,322	206,310	21,780	45,011	3,634	12,597	1,167	1,963,479	194,400
Skin.....	109	22	15,898	3,090	70,159	12,302	223,832	30,170	180,540	22,076	1,978	206	49,513	68,341
Fort Bragg														
King.....	51,115	6,116	278,380	27,225	491,132	45,324	665,856	58,634	577,223	46,243	59,919	5,674	2,123,537	189,515
Skin.....	1,258	20	5,261	1,102	35,093	5,760	208,002	31,298	224,130	20,771	1,027	5,626	63,503	67,409
San Francisco														
King.....	372,380	38,378	29,149	21,207	788,465	60,931	1,191,313	83,327	461,413	31,097	65,580	4,674	3,105,630	239,910
Skin.....	93	16	7,549	1,597	18,535	11,178	201,771	22,533	125,111	12,349	366	37	401,810	47,912
Monterey														
King.....	96,175	9,149	63,225	4,935	136,725	17,125	190,345	14,491	23,584	2,047	431,207	37,164	1,387,79	12,491
Skin.....	37	6	5,515	1,093	6,104	1,924	55,092	6,492	31,175	3,080	152	1	30,635	3,592
Shatowide														
King.....	568,833	60,062	1,570,885	170,832	1,820,906	168,902	2,272,045	188,121	1,117,235	86,033	162,441	13,717	7,562,455	686,680
Skin.....	1,491	276	34,297	6,652	205,221	35,635	1,015,619	131,645	698,369	71,491	15,774	1,582	1,918,770	247,191
1965 ^a	April		May		June		July		August		September		Season	
	Pounds	Numbers	Pounds	Numbers	Pounds	Numbers	Pounds	Numbers	Pounds	Numbers	Pounds	Numbers	Pounds	Numbers
Crescent City														
King.....	12,291	1,354	55,943	6,637	125,206	14,314	171,739	22,322	21,889	2,487	2,175	211	362,243	47,325
Skin.....	70	10	2,281	452	49,283	8,750	283,723	40,137	32,732	4,467	980	121	369,089	53,937
Eureka														
King.....	38,425	3,367	214,495	28,769	322,047	39,500	767,511	63,704	267,816	21,672	19,657	1,929	1,655,012	159,092
Skin.....	39	5	18,710	3,097	115,325	19,111	390,571	50,150	20,112	2,410	2,265	279	547,220	75,386
Fort Bragg														
King.....	28,977	3,364	91,169	1,169	121,721	14,364	171,739	21,889	32,090	26,004	89,581	7,832	1,930,081	162,724
Skin.....	129	14	9,169	1,271	10,245	1,271	312,001	41,755	98,070	12,013	6,357	639	330,335	70,805
San Francisco														
King.....	378,518	40,062	622,385	61,303	508,110	65,410	608,963	48,337	627,665	48,630	326,245	24,217	3,543,475	291,379
Skin.....	306	58	12,283	2,317	65,109	8,022	21,689	2,000	17,691	1,769	3,532	337	14,491	1,582
Monterey														
King.....	57,271	5,263	221,071	18,689	195,734	14,020	213,809	4,940	20,583	1,569	2,026	229	380,631	44,760
Skin.....	42	8	5,540	940	8,332	1,150	5,581	503	20,137	91	1	1	20,635	3,592
Shatowide														
King.....	510,182	53,406	1,214,911	126,144	2,012,898	178,131	2,626,453	212,779	1,268,973	100,202	430,081	34,418	8,102,305	705,260
Skin.....	751	139	47,951	9,060	209,958	97,073	1,044,180	137,982	165,472	20,878	13,234	1,372	1,571,569	217,404

¹ Dressed Head On.^a Not included are 64,001 pounds (11,382 fish) of pink salmon.

TABLE I
California Commercial Troll Salmon Landings by Port Area, Month and Species, in Pounds and Numbers, 1952 Through 1965

TABLE 2
Sacramento River Commercial Gill Net Salmon Landings by Month in Pounds and Numbers, 1952 through 1957¹
(King Salmon only)

	January	February	March	April	May	June	August	September	November	December	Season	CALIFORNIA SALMON LANDINGS
1952												
Pounds.....	385	1,860	2,480	6,651	4,050	0	23,820	607,035	0	0	738,081	
Numbers.....	24	116	154	413	307		1,228	35,009			37,851	
1953												
Pounds.....	101	164	1,560	5,451	7,725	0	30,050	803,860	2,441	8,328	869,696	
Numbers.....	7	11	104	363	515		0	1,924	31,648	163	555	43,291
1954												
Pounds.....	1,294	361	2,085	8,539	11,561	4,533	65,672	794,069	2,694	7,093	900,961	
Numbers.....	86	24	139	569	973	302	4,378	50,350	180	473	57,704	
1955												
Pounds.....	3,974	903	891	9,148	19,669	4,825	182,896	2,003,514	2,012	2,974	2,320,746	
Numbers.....	209	48	47	481	1,032	251	9,476	100,037	106	157	120,847	
1956												
Pounds.....	112	333	0	15,011	20,935	670	148,803	873,454	28,632	51,635	1,139,885	
Numbers.....	7	22	0	1,001	1,296	45	7,631	52,657	1,909	3,442	68,390	
1957												
Pounds.....	4,467	2,058	337	8,191	22,193	1,085	26,936	256,557	0	0	321,824	
Numbers.....	298	137	22	516	1,180	72	1,403	13,571	0	0	17,532	

¹ Fishery closed by legislative action, September 1957.

53

TABLE 2
Sacramento River Commercial Gill Net Salmon Landings by Month in Pounds and Numbers, 1952 through 1957
(King Salmon only)

TABLE 3
California Ocean Recreational Salmon Landings and Success^a by Fishery, Port, Month and Species, in Numbers of Fish—1962 Through 1965

1962	February			March			April			May			June			July		
	King	Silver	Fish /Day	King	Silver	Fish /Day	King	Silver	Fish /Day	King	Silver	Fish /Day	King	Silver	Fish /Day	King	Silver	Fish /Day
Crescent City Partyboat.....	0	0	--	0	0	--	0	0	--	0	0	--	0	0	--	30	19	0.1
Seaside.....	0	0	--	0	0	--	0	0	--	10	7	-- ^b	20	14	-- ^b	121	84	0.2
Eureka Partyboat.....	0	0	--	0	0	--	0	0	--	56	0	-- ^b	461	37	-- ^b	1,142	206	1.1
Port Orford Partyboat.....	0	0	--	0	0	--	0	0	--	62	0	-- ^b	2,106	315	0.6	6,182	2,204	0.6
Fort Bragg Partyboat.....	0	0	--	0	0	--	0	0	--	0	0	--	49	3	1.1	634	86	1.1
San Francisco Partyboat.....	3,105	0	0.9	5,010	7	0.6	4,211	0	0.4 ^b	1,298	0	0.4	12,857	14	1.3	20,300	20	1.5
Skiff.....	0	0	--	0	0	--	0	0	--	0	0	--	701	0	-- ^b	1,255	1,176	0.6
Monterey Partyboat.....	399	0	*	2,408	0	*	2,213	0	*	488	0	*	396	0	*	115	0	*
Skiff.....	397	0	*	3,614	0	*	4,877	0	*	339	0	*	798	0	*	1,176	0	*
Statewide Partyboat.....	3,504	0	0.9	7,118	7	0.6	6,451	0	0.4 ^b	1,912	0	0.4	13,728	51	1.3	22,211	331	1.1
Skiff.....	297	0	*	3,614	0	*	4,900	0	*	3,764	0	*	338	0.6	*	10,715	2,981	0.6
(Continued)		August			September			October			November			Season				
		King	Silver	Fish /Day	King	Silver	Fish /Day	King	Silver	Fish /Day	King	Silver	Fish /Day	King	Silver	Fish /Day		
Crescent City Partyboat.....		3	3	b	0	0	--	0	0	--	0	0	--	23	22	0.1		
Seaside.....		237	457	0.6	116	325	1.0	0	0	--	0	0	--	504	887	0.3		
Port Orford Partyboat.....		826	693	1.2	379	186	1.1	0	0	--	0	0	--	2,864	1,122	1.1		
Fort Bragg Partyboat.....		2,984	2,650	0.7	1,178	1,618	0.4	0	0	--	0	0	--	12,812	6,817	0.6		
San Francisco Partyboat.....		688	354	1.2	154	297	1.3	0	0	--	0	0	--	1,208	740	1.2		
Skiff.....		1,048	1,602	0.7	700	1,082	0.6	0	0	--	0	0	--	1,598	3,357	0.9		
Monterey Partyboat.....		18,488	0	1.8	7,122	0	0.6	1,296	0	0.2	1,284	0	0.3	75,071	41	0.9		
Skiff.....		265	0	1.4	253	0	0.6	6	0	0.2	17	0	0.6	2,610	0	1.1		
Statewide Partyboat.....		213	0	*	20	0	*	14	0	*	14	0	*	620	0	*		
Skiff.....		592	0	*	204	0	*	405	0	*	951	0	*	13,614	0	*		
Statewide Partyboat.....		20,147	1,050	1.7	7,675	483	0.6	1,310	0	0.2	1,208	0	0.3	85,687	1,925	0.9		
Skiff.....		5,854	4,709	0.7	2,613	3,025	0.5	411	0	0.2	968	0	0.6	23,868	11,061	0.6		

^a Salmon per angler-day, species combined. ^b No sampling. ^c Data unavailable. ^d Data not comparable to that of other ports or months.

TABLE 3
California Ocean Recreational Salmon Landings and Success by Fishery, Port, Month and Species, in Numbers of Fish—1962 Through 1965

TABLE 3—Continued
California Ocean Recreational Salmon Landings and Success^a by Fishery, Port, Month and Species, in Numbers of Fish—1962 Through 1965

1963	February			March			April			May			June			July			
	King	Silver	Fish /Day	King	Silver	Fish /Day	King	Silver	Fish /Day	King	Silver	Fish /Day	King	Silver	Fish /Day	King	Silver	Fish /Day	
	0	0	--	0	0	--	0	0	--	0	0	--	0	0	--	16	55	0.7	
Crescent City																			
Partyboat	0	0	--	0	0	--	0	0	--	25	0	--	81	78	0.6	417	1,260	1.2	
Skipf.	0	0	--	0	0	--	0	0	--										
Eureka																			
Partyboat	0	0	--	0	0	--	0	0	--	49	34	0.5	286	186	0.8	471	1,004	1.4	
Skipf.	0	0	--	0	0	--	0	0	--	60	32	1.047	1,218	0.9	2,023	6,555	0.8		
Fort Bragg																			
Partyboat	0	0	--	0	0	--	7	0	*	17	9	0.2	101	177	0.6	166	1,362	1.8	
Skipf.	0	0	--	0	0	--	0	0	--	39	21	0.2	267	631	0.8	631	4,982	0.9	
San Francisco																			
Partyboat	5,847	0	1.9	3,905	0	1.2	8,311	0	1.9	5,250	61	2.4	5,545	147	0.9	10,120	220	1.1	
Skipf.	127	0	1.7	290	0	1.3	236	0	1.3	270	30	2.5	528	52	0	722	90	1.9	
Monterey																			
Partyboat	323	0	*	163	0	*	154	0	*	168	2	*	116	41	*	1,035	50	*	
Skipf.	617	0	*	682	0	*	310	0	*	598	12	*	888	41	*	1,035	50	*	
Statewide																			
Partyboat	6,180	0	1.9	4,478	0	1.2	8,475	0	1.9	5,504	693	1.3	6,073	510	0.9	10,980	2,658	1.2	
Skipf.	744	0	1.7	882	0	1.2	546	0	1.3	992	98	0.3	2,751	2,050	0.9	5,120	12,935	0.9	
<hr/>																			
1963 (Continued)	August			September			October			November			Season			SAFETY SALMONS			
	King	Silver	Fish /Day	King	Silver	Fish /Day	King	Silver	Fish /Day	King	Silver	Fish /Day	King	Silver	Fish /Day	King	Silver	Fish /Day	
Crescent City																			
Partyboat	26	45	0.9	16	50	1.7	0	0	--	0	0	--	88	150	0.9				
Skipf.	509	922	1.0	199	971	1.6	0	0	--	0	0	--	1,231	3,231	1.1				
Eureka																			
Partyboat	645	891	1.0	115	377	0.9	0	1	*	0	0	--	1,598	2,993	1.2				
Skipf.	2,083	3,614	0.6	627	1,839	0.7	0	0	--	0	0	--	6,440	13,286	0.8				
Fort Bragg																			
Partyboat	117	818	1.0	29	177	0.7	0	22	*	0	0	--	437	2,565	1.2				
Skipf.	429	2,812	0.6	98	937	0.3	0	0	--	0	0	--	1,464	9,886	0.6				
San Luis Obispo																			
Partyboat	13,980	44	1.1	6,572	0	b	1,158	0	b	1,608	4	b	62,469	1,062	1.2				
Skipf.	970	101	2.6	379	0	0.6	220	0	0.5	115	0	1.5	3,708	273	1.7				
Modesto																			
Partyboat	178	9	*	6	5	*	4	0	*	0	0	*	1,623	34	*				
Skipf.	568	26	*	13	0	*	9	0	*	54	0	0	*	4,774	129	*			
Statewide																			
Partyboat	14,946	1,807	1.0	6,738	699	0.9	1,162	23	b	1,608	4	b	66,153	6,304	1.2				
Skipf.	4,589	7,473	0.6	1,316	3,747	0.5	229	0	0.5	169	0	1.5	17,617	26,305	0.8				

^a Salmon per angler-day, species combined. * No sampling. ^b Data unavailable. ^c Data not comparable to that of other ports or months.

TABLE 3
California Ocean Recreational Salmon Landings and Success by Fishery, Port, Month and Species, in Numbers of Fish—1962 Through 1965

TABLE 3—Continued
California Ocean Recreational Salmon Landings and Success¹ by Fishery, Port, Month and Species, in Numbers of Fish—1962 Through 1965

1964	February			March			April			May			June			July		
	King	Silver	Fish /Day	King	Silver	Fish /Day	King	Silver	Fish /Day	King	Silver	Fish /Day	King	Silver	Fish /Day	King	Silver	Fish /Day
Crescent City																		
Partyboat.....	0	0	--	0	0	--	0	0	--	0	0	--	1	5	b	35	83	0.4
Skiff.....	0	0	--	0	0	--	0	0	--	0	0	--	45	60	2.0	154	121	0.4
Bodega Bay																		
Partyboat.....	0	0	--	0	0	--	0	0	--	69	13	0.3	305	374	1.0	511	1,247	1.0
Skiff.....	0	0	--	0	0	--	0	0	--	48	24	1.0	1,146	911	0.5	2,132	5,377	0.8
Fort Bragg																		
Partyboat.....	0	0	--	0	0	--	0	0	--	50	10	a	163	31	0.4	793	882	1.0
Skiff.....	0	0	--	0	0	--	0	0	--	161	32	0.2	1,361	2,132	0.7			
San Francisco																		
Partyboat.....	5,890	0	1.1	3,250	0	0.6	4,650	0	1.0	5,760	999	1.3	8,341	2,621	1.4	18,504	3,616	1.7
Skiff.....	120	0	--	0	0	--	0	0	--	24	118	0	208	208	2.0	1,015	208	1.8
Monterey																		
Partyboat.....	101	0	*	29	6	*	155	0	*	674	709	*	709	615	*	831	829	*
Skiff.....	368	0	*	315	0	*	574	0	*	2,678	1,567	*	1,584	371	*	1,152	1,177	*
Statewide																		
Partyboat.....	5,991	0	1.1	3,229	6	0.8	4,786	0	1.0	6,553	1,731	1.3	9,510	3,544	1.3	20,378	6,467	1.5
Skiff.....	520	0	--	402	0	--	692	0	--	2,883	1,555	1.0	3,180	1,455	0.5	8,874	9,815	0.8
(Continued)		August			September			October			November			Season				
1964	King	Silver	Fish /Day	King	Silver	Fish /Day	King	Silver	Fish /Day	King	Silver	Fish /Day	King	Silver	Fish /Day	King	Silver	Fish /Day
Crescent City																		
Partyboat.....	20	100	0.6	18	36	0.2	0	0	--	0	0	--	24	224	0.4			
Skiff.....	311	764	0.6	28	89	0.6	0	0	--	0	0	--	569	1,026	0.6			
Eureka																		
Partyboat.....	307	1,412	0.7	65	184	0.4	0	2	*	0	0	--	1,300	3,232	0.8			
Skiff.....	2,103	7,139	1.0	88	414	0.3	0	0	--	0	0	--	5,515	13,885	0.8			
Fort Bragg																		
Partyboat.....	986	368	1.0	415	81	0.6	82	17	b	10	3	b	2,099	1,322	0.9			
Skiff.....	4,347	3,054	0.9	248	158	0.3	0	0	--	0	0	--	6,117	5,376	0.7			
San Francisco																		
Partyboat.....	8,405	695	1.0	6,346	18	0.8	8,205	31	1.0	1,239	17	0.9	20,571	7,895	1.1			
Skiff.....	1,229	107	2.5	356	4	0.8	197	2	0.8	27	1	1.4	3,584	427	1.7			
Montaña																		
Partyboat.....	478	73	*	31	5	*	18	4	*	14	4	*	2,701	2,053	*			
Skiff.....	1,093	291	*	101	15	*	194	11	*	104	0	*	8,223	4,172	*			
Statewide																		
Partyboat.....	10,286	2,588	0.9	6,875	322	0.7	8,305	54	1.0	1,263	24	0.9	27,285	14,736	1.1			
Skiff.....	9,113	11,355	1.0	822	651	0.1	391	13	0.8	131	1	1.4	24,008	21,845	0.8			

¹ Salmon per angler-day, species combined. * No sampling. ^b Data unavailable. ^a Data not comparable to that of other ports or months.

TABLE 3
California Ocean Recreational Salmon Landings and Success by Fishery, Port, Month and Species, in Numbers of Fish—1962 Through 1965

TABLE 3—Continued
California Ocean Recreational Salmon Landings and Success¹ by Fishery, Port, Month and Species, in Numbers of Fish—1962 Through 1965

1965	February			March			April			May			June			July		
	King	Silver	Fish /Day	King	Silver	Fish /Day	King	Silver	Fish /Day	King	Silver	Fish /Day	King	Silver	Fish /Day	King	Silver	Fish /Day
Crescent City																		
Partyboat.....	0	0	--	0	0	--	0	0	--	0	0	--	0	0	--	0	0	0
Skiff.....	0	0	--	0	0	--	0	0	--	0	0	--	3	0	0.1	220	860	0.9
Eureka																		
Partyboat.....	0	0	--	0	0	--	0	0	--	17	8	b	144	56	0.6	643	1,159	0.9
Skiff.....	0	0	--	0	0	--	0	0	--	4	0	0.2	430	280	0.3	3,010	6,850	0.8
Fort Bragg																		
Partyboat.....	0	0	--	0	0	--	5	3	a	26	10	b	110	40	0.3	400	341	0.7
Skiff.....	0	0	--	0	0	--	0	0	--	0	0	--	90	110	0.2	1,520	1,110	0.5
San Francisco																		
Partyboat.....	2,668	31	0.7	13,969	13	2.2	5,182	104	0.8	3,548	491	0.8	3,989	1,961	1.2	2,684	112	0.4
Skiff.....	113	0	1.1	667	0	2.1	250	0	1.1	180	26	1.8	151	0.4	494	0	0.7	
Monterey																		
Partyboat.....	412	212	e	142	68	e	60	20	e	67	32	e	240	55	e	77	0	e
Skiff.....	721	0	e	294	0	e	168	0	e	53	106	e	500	96	e	750	40	e
Statewide																		
Partyboat.....	3,110	243	0.7	14,111	81	2.2	5,247	136	0.8	3,658	541	0.8	4,482	2,112	1.0	3,809	1,612	0.5
Skiff.....	883	0	1.1	873	0	2.1	401	0	1.1	717	152	1.0	2,810	905	0.3	3,984	8,892	0.7
(Continued)																		
1965	August			September			October			November			Season			CALIFORNIA SALMON LANDINGS		
	King	Silver	Fish /Day	King	Silver	Fish /Day	King	Silver	Fish /Day	King	Silver	Fish /Day	King	Silver	Fish /Day	King	Silver	Fish /Day
Crescent City																		
Partyboat.....	0	0	--	0	0	--	0	0	--	0	0	--	0	0	--	0	0	0
Skiff.....	259	570	0.6	0	0	--	0	0	--	0	0	--	485	1,430	0	0	0	0.7
Eureka																		
Partyboat.....	270	587	0.1	78	27	0.2	11	5	b	0	0	--	1,166	1,842	0.6	1,286	10,040	0.6
Skiff.....	820	3,240	0.5	25	30	0.1	0	0	--	0	0	--	0	0	--	0	0	0
Fort Bragg																		
Partyboat.....	163	186	0.4	57	57	0.1	5	5	b	0	0	--	721	942	0.4	2,288	2,210	0.4
Skiff.....	680	980	0.3	8	10	0.1	0	0	--	0	0	--	0	0	--	0	0	0
San Francisco																		
Partyboat.....	4,736	38	0.7	4,555	34	0.9	1,180	0	0.3	495	0	1.5	43,006	2,781	0.9	0	0	0
Skiff.....	578	0	0.3	220	0	1.1	117	0	0.7	14	0	1.5	2,707	177	0.6	0	0	0
Monterey																		
Partyboat.....	29	0	e	12	0	e	0	0	e	0	0	--	0	1	e	1,069	307	e
Skiff.....	237	117	e	24	0	e	6	0	e	10	0	e	0	0	e	4,427	627	e
Statewide																		
Partyboat.....	5,198	811	0.6	4,702	118	0.8	1,199	10	0.3	495	1	1.5	46,012	5,665	0.8	0	0	0
Skiff.....	2,965	4,907	0.4	277	40	0.3	123	0	0.7	24	0	0.8	14,204	14,841	0.5	0	0	0

¹ Salmon per angler-day, species combined. * No sampling. ^b Data unavailable. ^c Data not comparable to that of other ports or months.

82305—800 10-66 3,500

printed in CALIFORNIA OFFICE OF STATE PRINTING

CALIFORNIA SALMON LANDINGS

271

TABLE 3

California Ocean Recreational Salmon Landings and Success by Fishery, Port, Month and Species, in Numbers of Fish—1962 Through 1965