

# **UC San Diego**

## **Fish Bulletin**

**Title**

Fish Bulletin 125. The California Marine Fish Catch For 1962

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**THE RESOURCES AGENCY OF CALIFORNIA  
DEPARTMENT OF FISH AND GAME  
FISH BULLETIN 125  
The California Marine Fish Catch For 1962**



By  
*THE BIOSTATISTICAL SECTION  
MARINE RESOURCES OPERATIONS*  
1964



FIGURE 1

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## **FOREWORD**

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

The report for 1962 is the 22nd 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 our 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 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 in meeting their respective needs.



## **1. EXPLANATION OF TABLES**

The tables in this report summarize the recorded 1962 landings of the California commercial fishing fleet, the imports from other states or foreign countries of fresh fish received for processing, and the catches of the partyboat fleet. Fish shipped into California that are utilized in a fresh state are not reported to the Department nor recorded in the tables.

### **1.1. SOURCE OF DATA**

All commercial fish landing and import data are recorded on a sales slip or receipt which is completed by a fish dealer at the time of delivery, and transmitted to the Department. The dealer is required by law to include the following information on the receipt:

- (1) the weight of each species received .
- (2) the price paid to the fisherman .
- (3) the date .
- (4) name of the fisherman .
- (5) Department of Fish and Game registration number of boat
- (6) name of the dealer .
- (7) an indication as to the disposition of the fish (canned, fresh, etc.).

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

Receipts of landings prepared by each dealer are sent to the Department twice each month. The documents are edited, and the data punched on cards are summarized with electric accounting machines.

Marine partyboat catch statistics are obtained from records of each fishing trip. The partyboat skipper is required by law to transmit the records to the Department each month.

### **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 shows the boundaries of the areas. Department personnel are responsible for the collection and inventory of 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 is the animal food category which consists of a variety of trawl-caught fish. In an attempt to determine the species comprising animal food landings, a sampling program has been conducted by biologists of the Department's Bottom-fish

Investigation. Based on their findings, the estimated weight each species contributed in the 1962 animal food category is:

<i>Species</i>	<i>Percent</i>	<i>Pounds</i>
Rockfish	31.9	599,660
Pacific hake	16.9	317,688
Sablefish	16.4	308,289
Arrowtooth flounder	8.7	163,544
Rex sole	8.7	163,544
Dover sole	7.8	146,625
English sole	3.0	56,394
45 other species	6.6	124,067
	100.0	1,879,811

## **1.4. CONDITION**

Most of the 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.

## **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 eight species of mollusks and crustaceans during 1962 were:

Abalone, red	50 pounds per dozen
Abalone, pink	25 pounds per dozen
Abalone, green	35 pounds per dozen
Clams, Mexican Pismo	8 pounds round weight per 1 pound cleaned weight
Clams, Washington	7 pounds per dozen
Crab, market	2 pounds each
Oyster, eastern	30 pounds per 100 oysters
Oyster, giant Pacific	50 pounds per 100 oysters

## **1.6. VALUE**

The value recorded 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.

## **2. TABLES**

TABLE 1  
Common and Scientific Names of Fishes, Crustaceans, and Mollusks in the 1962 Catch

Common name	Scientific name	Common name	Scientific name
<b>FISHES</b>			
Anchovy	<i>Engraulis mordax</i>	Shark	
Barracuda, California	<i>Sphyraena argentea</i>	Brown Smooth-	<i>Triakis semifasciata</i>
Bass, rock		hound	
Kelp bass	<i>Paralabrax clathratus</i>	Leopard	<i>Triakis semifasciata</i>
Sand bass	<i>Paralabrax nebulifer</i>	Pacific angel	<i>Squatina californica</i>
Bonito, Pacific	<i>Sarda chilensis</i>	Soupfin	<i>Galeorhinus zypperper</i>
Cabezon	<i>Scorpaenichthys marmoratus</i>	Spiny dogfish	<i>Squalus acanthias</i>
Calibilla, spotted	<i>Epinephelus analogus</i>	Thresher	<i>Alopias vulpinus</i>
Carp	<i>Cyprinus carpio</i>	Small amounts of	
Croaker, white	<i>Gengonemus lineatus</i>	others	
Small amounts of		Sheepshead, California	<i>Pimeolmetopon pulchrum</i>
queenfish		Sierra	<i>Scomberomorus sierra</i>
Dolphinfish	<i>Seriophis paidus</i>	Skate	
Flounder	<i>Coryphaena hippurus</i>	Big	<i>Raja binoculata</i>
Starry flounder	<i>Platichthys stellatus</i>	California	<i>Raja inornata</i>
Small amounts of		Longnose	<i>Raja rhina</i>
other flatfishes		Small amounts of	
Flounder, arrowtooth	<i>Atheresthes stomias</i>	others	<i>Rajiformes</i>
Flyingfish	<i>Cypselurus spp.</i>	Smelt	
Greenling, kelp	<i>Hexagrammos decagrammus</i>	Grunion	<i>Leuresthes tenuis</i>
Grouper	<i>Myceteroperca spp.</i>	Jacksmelt	<i>Atherinops californiensis</i>
Hake, Pacific	<i>Merluccius productus</i>	Surf	<i>Hipposcarus pacificus</i>
Hake, California	<i>Merluccius productus</i>	Topsmeat	<i>Atherinops affinis</i>
Halibut, California	<i>Paralichthys californicus</i>	Smelt, whitebait	<i>Allosmerus elongatus</i>
Halibut, Pacific	<i>Hippoglossus stenolepis</i>		<i>Spirinchus starksii</i>
Hardhead			Young of several others
Sacramento black-		Sole	
fish		Dover	<i>Microstomus pacificus</i>
Hardhead	<i>Orthodon microlepidotus</i>	English	<i>Parophrys vetulus</i>
Herring, Pacific	<i>Mylopharodon conocephalus</i>	Petrale	<i>Eopsetta jordani</i>
Herring, Pacific Round	<i>Clupea pallasi</i>	Rex	<i>Glyptocephalus zachirus</i>
Lingcod	<i>Etumesus acuminatus</i>	Sand	<i>Psettichthys melanostictus</i>
Mackerel, jack	<i>Ophiodon elongatus</i>	Small amounts of	
Mackerel, Pacific	<i>Trachurus symmetricus</i>	others	
Opahye	<i>Scomber diego</i>	Splitjaw	<i>Pogonichthys macrolepidotus</i>
Perch	<i>Girellidae nigripinnis</i>	Sturgeon	<i>Ariommidae spp.</i>
Pompano, Pacific	<i>Palometa simillima</i>	Swordfish	<i>Xiphias gladius</i>
Rockfish	All species of <i>Sebastodes</i> and <i>Sebastodes</i>	Tomcod, Pacific	<i>Microgadus proximus</i>
	<i>tobodus</i>		
Sablefish	<i>Anoplopoma fimbria</i>	Tuna	
Salmon		Albacore	<i>Thunnus alalunga</i>
King	<i>Oncorhynchus tshawytscha</i>	Bigeye	<i>Thunnus obesus</i>
Silver	<i>Oncorhynchus kisutch</i>	Bluefin	<i>Thunnus thynnus</i>
Sanddab	<i>Citharichthys sordidus</i>	Oriental	<i>Thunnus orientalis</i>
Sardine	<i>Sardinops caeruleus</i>	Skipjack	<i>Katsuwonus pelamis</i>
Sculpin	<i>Scorpaena guttata</i>	Yellowfin	<i>Thunnus albacares</i>
Sea bass, giant	<i>Stereolepis gigas</i>	Turbot	
Seabass, white	<i>Cynoscion nobilis</i>	Codfin	<i>Pleuronichthys decurrens</i>
Shad	<i>Alosa sapidissima</i>	Diamond	<i>Hypoplectra guttulata</i>
		Hornyhead	<i>Pleuronichthys verticalis</i>
		Small amounts of	
		others	
		Wahoo	<i>Acanthocybium solanderi</i>
		Whitefish, ocean	<i>Caulorhynchus princeps</i>
		Yellowtail, California	<i>Seriola dorsalis</i>
<b>CRUSTACEANS</b>			
Crab, market	<i>Cancer magister</i>	Prawn	<i>Pandalus platyceros</i>
Crab, rock	<i>Cancer productus</i>	Shrimp, bay	<i>Crago franciscorum</i>
	<i>Cancer antennarius</i>	Shrimp, ocean	<i>Crago nigriceuda</i>
	<i>Cancer anthonyi</i>	Small amounts of	<i>Pandalus jordani</i>
Lobster, spiny	<i>Panulirus interruptus</i>	others	
<b>MOLLUSKS</b>			
Abalone		Mussel	<i>Mytilus spp.</i>
Pink	<i>Haliotis corrugata</i>	Octopus	<i>Paroctopus appolyon</i>
Red	<i>Haliotis rufescens</i>	Oyster	
Green	<i>Haliotis fulgens</i>	Eastern	<i>Crassostrea virginica</i>
White	<i>Haliotis sorenseni</i>	Giant Pacific	<i>Crassostrea gigas</i>
Clam		Sea Snail	<i>Polinices spp.</i>
Gaper	<i>Tresus nuttalli</i>	Kelletia kelletii	
Jackknife	<i>Tegula californianus</i>	Squid	<i>Loligo opalescens</i>
Pismo	<i>Tivela stultorum</i>		
Washington	<i>Sazaeomus nuttalli</i>		

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TABLE 1  
Common and Scientific Names of Fishes, Crustaceans, and Mollusks in the 1962 Catch

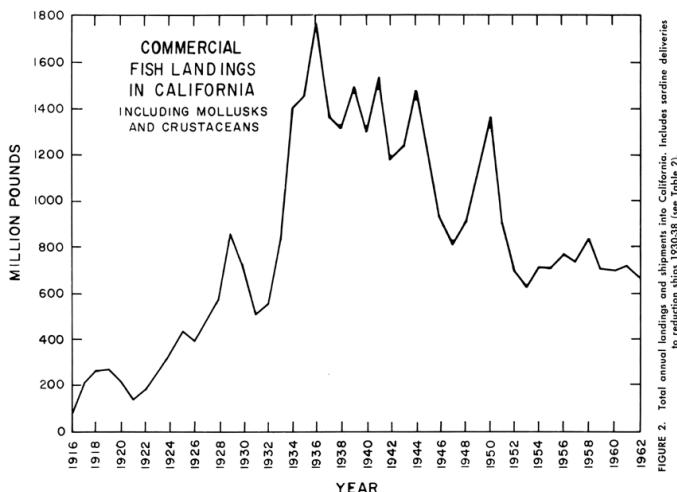


FIGURE 2. Total annual landings and shipments into California. Includes sardine deliveries to reduction ships 1930-38 (see Table 2).

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		
1939	1,486,535		
1940	1,297,517		

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**

1961				1962			
Species	Rank	Thousands of pounds	Thousands of dollars	Species	Rank	Thousands of pounds	Thousands of dollars
Yellowfin tuna	1	262,310	\$35,036	Yellowfin tuna	1	218,149	\$36,478
Jack mackerel	2	97,606	2,029	Skipjack	2	99,059	12,742
Skipjack	3	86,748	9,536	Jack mackerel	3	89,979	1,869
Albacore	4	59,414	10,310	Albacore	4	73,354	13,261
Pacific mackerel	5	44,110	954	Pacific mackerel	5	48,579	1,027
Sardine	6	43,169	1,146	Bluefin tuna	6	32,916	4,638
Bluefin tuna	7	22,004	2,855	Sardine	7	15,363	490
Market crab	8	11,711	1,981	Giant Pacific oyster	8	11,044	302
Rockfish	9	10,831	587	Rockfish	9	9,834	574
Squid	10	10,286	231	Squid	10	9,368	168
Giant Pacific oyster	11	10,047	291	Dover sole	11	8,581	517
Salmon	12	8,992	4,927	Salmon	12	6,884	4,195
Pacific bonito	13	8,513	218	English sole	13	4,206	303
Dover sole	14	7,827	457	Abalone	14	4,183	593
Anchovy	15	7,712	110	Market crab	15	3,223	872
Abalone	16	4,554	607	Petrale sole	16	3,041	362
Miscellaneous (animal food)	17	3,777	75	Anchovy	17	2,764	50
English sole	18	3,646	261	Pacific bonito	18	2,150	63
Petrale sole	19	3,391	389	Sablefish	19	2,150	140
Sablefish	20	2,030	176	Miscellaneous (animal food)	20	1,880	37
All others	--	16,575	2,038	All others	--	16,400	2,242
Totals	--	725,253	\$74,214	Totals	--	663,107	\$80,923

TABLE 3

**Landings and Shipments of Leading Species Ranked by Pounds**

**TABLE 4**  
**Number of Licensed Commercial Fishermen**

Area of residence	License year*	
	1961-1962	1962-1963
Eureka.....	1,321	1,211
Sacramento.....	128	151
San Francisco.....	1,229	1,198
Monterey.....	696	651
Santa Barbara.....	627	706
Los Angeles.....	2,287	2,332
San Diego.....	1,589	1,800
Alaska, Washington and Oregon fishermen licensed in California.....	500	465
Mexican nationals licensed in California.....	43	70
Other.....	14	16
<b>Totals.....</b>	<b>8,434</b>	<b>8,600</b>

\* 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
1961-1962.....	830	1,725	1,048	123	44	102	3,872†
1962-1963.....	845	1,729	1,032	108	37	103	3,854‡

\* April 1 to March 31.

† The owners of 544 boats were issued fishing party licenses in 1961-62.

‡ The owners of 523 boats were issued fishing party licenses in 1962-63.

**TABLE 5**  
**Number of Registered Fishing Boats by Length**

**TABLE 6**  
**Origin of Shipments of Fresh Fish Into California During 1962**

Shipped from: Species	Eureka	Pounds shipped to each area				Total pounds
		San Francisco	Monterey	Los Angeles	San Diego	
<b>Continental United States:</b>						
Tuna, bluefin.....	---	---	---	465,877	---	465,877
Tuna, skipjack.....	---	---	---	511,912	---	511,912
Tuna, yellowfin.....	26,350	---	---	9,398	---	35,748
Miscellaneous.....	---	---	---	100,980	---	100,980
<b>Oregon, Washington, Canada and Alaska:</b>						
Sablefish.....	---	---	74,449	---	---	74,449
Salmon.....	3,350	---	176,354	---	---	179,704
Shad.....	---	---	40,114	---	---	40,114
Smelt.....	---	12,240	---	---	---	12,240
Sturgeon.....	---	---	6,692	---	---	6,692
Miscellaneous.....	---	---	72,687	---	---	72,687
<b>Mexico and Central America:</b>						
Bonito, Pacific.....	---	---	---	15,000	---	15,000
Shark.....	---	---	8,093	---	---	8,093
Tuna, albacore.....	---	---	962,686	60,547	1,023,233	
Tuna, bluefin.....	---	---	646,504	---	---	646,504
Tuna, skipjack.....	---	---	1,341,500	---	---	1,341,500
Tuna, yellowfin.....	---	---	2,613,916	---	---	2,613,916
Yellowtail, California.....	---	---	---	9,059	---	9,059
<b>Mollusk:</b>						
Clam, Pismo.....	---	461,283	---	---	---	464,280
<b>South America:</b>						
Tuna, albacore.....	9,182	---	38,936	---	---	48,118
Tuna, bigeye.....	6,820	---	---	---	---	6,820
Tuna, bluefin.....	---	---	4,000	---	---	4,000
Tuna, skipjack.....	---	1,550	3,728,472	---	3,730,022	
Tuna, yellowfin.....	304,448	---	1,025,363	8,066,265	---	9,396,076
<b>New Hebrides:</b>						
Tuna, albacore.....	784,880	---	1,020,313	---	---	1,805,193
Tuna, bigeye.....	9,050	---	---	---	---	9,050
Tuna, yellowfin.....	354,780	---	167,601	---	---	522,381
<b>Japan:</b>						
Sablefish.....	---	---	60,000	---	---	60,000
Salmon.....	---	---	31,381	---	---	31,381
Tuna, albacore.....	3,066,791	---	25,831,575	1,664,096	---	30,562,462
Tuna, bigeye.....	631,967	---	503,051	---	---	1,138,018
Tuna, oriental.....	19,140,000	---	10,297	---	---	204,297
Tuna, skipjack.....	412,214	---	341,360	---	---	753,574
Tuna, yellowfin.....	19,362,345	---	58,104,983	1,056,344	---	78,523,672
<b>Australia:</b>						
Shark.....	---	---	2,536	---	---	2,536
Tuna, bluefin.....	500,040	---	99,060	---	---	599,100
<b>China (Formosa):</b>						
Tuna, bigeye.....	45,435	---	---	---	---	45,435
Tuna, yellowfin.....	550,415	---	---	---	---	550,415
<b>Malaya:</b>						
Tuna, albacore.....	22,124	---	---	---	---	22,124
Tuna, bigeye.....	174,752	---	---	---	---	174,752
Tuna, yellowfin.....	426,307	---	---	---	---	426,307
<b>Africa:</b>						
Tuna, albacore.....	22,654	---	3,247,970	---	---	3,270,624
Tuna, bigeye.....	97,967	---	---	---	---	97,967
Tuna, skipjack.....	---	---	1,425	---	---	1,425
Tuna, yellowfin.....	334,008	---	1,725,632	---	---	2,059,640
Total pounds.....	3,350	27,339,529	12,240	99,708,475	14,603,783	141,667,377

**TABLE 6**  
**Origin of Shipments of Fresh Fish Into California During 1962**

TABLE 7  
Origin of Commercial Fish Landings and Volume of Shipments Into California During 1962

Species	Landings of catches from				Shipments*	Grand total
	California waters	Waters north of State	Waters south of State	Total pounds		
<b>Fish:</b>						
Anchovy	2,764,003	---	2,764,003	---	2,764,003	2,764,003
Barracuda, California	521,769	---	224,707	746,476	---	746,476
Bass, rock	---	1,470	1,470	1,470	1,470	1,470
Bonito, Pacific	2,071,998	---	62,904	2,134,902	15,000	2,149,902
Cabezon	2,474	---	2,474	2,474	---	2,474
Cabrilla, spotted	---	28,858	28,858	28,858	---	28,858
Carp	220,972	---	220,972	220,972	220,972	220,972
Craker, white	687,633	---	687,633	687,633	687,633	687,633
Dolphinfish	33	---	212	245	245	245
Flounder	333,883	4,309	---	338,192	---	338,192
Flounder, arroyooth	53,003	323	---	53,326	---	53,326
Flyingfish	14,364	---	---	14,364	14,364	14,364
Greenling, kelp	581	---	581	581	581	581
Grouper	---	311,091	311,091	311,091	311,091	311,091
Hake, Pacific	76,355	2,175	---	78,530	---	78,530
Halfmoon	8,536	---	8,536	8,536	8,536	8,536
Halibut, California	776,077	---	87,009	863,086	863,086	863,086
Halibut, Pacific	3,546	---	3,546	3,546	3,546	3,546
Hardhead	128,230	---	128,230	128,230	128,230	128,230
Herring, Pacific	1,305,569	---	1,305,569	1,305,569	1,305,569	1,305,569
Herring, Pacific round	4,250	---	4,250	4,250	4,250	4,250
Lingcod	1,048,818	62,995	391	1,112,204	---	1,112,204
Mackerel, jack	89,978,933	---	89,978,933	89,978,933	89,978,933	89,978,933
Mackerel, Pacific	48,578,391	---	429	48,578,820	48,578,820	48,578,820
Opahye	1,674	---	1,674	1,674	1,674	1,674
Perch	164,873	---	242	165,115	---	165,115
Pompano, Pacific	35,990	---	35,990	35,990	35,990	35,990
Rockfish	9,181,683	211,411	441,299	9,834,393	---	9,834,393
Sablefish	1,948,538	66,699	---	2,015,237	134,449	2,149,686
Salmon	6,672,717	144	---	6,672,861	211,085	6,883,946
Sanddab	676,011	3,900	---	679,911	---	679,911
Sardine	15,303,952	---	59,000	15,362,952	---	15,362,952
Sculpin	57,707	---	244	57,951	---	57,951
Sea bass, giant	8,188	---	438,021	446,209	446,209	446,209
Seabass, white	208,867	---	365,541	574,408	574,408	574,408
Shad	---	---	---	40,114	40,114	40,114
Shark	723,472	---	29,705	753,177	10,629	763,806
Sheepshead, California	15,341	---	4,986	20,327	20,327	20,327
Sierra	---	95	95	95	95	95
Skate	182,127	---	51	182,178	182,178	182,178
Smelt	339,498	---	---	339,498	12,240	351,738
Smelt, whitebait	188,357	---	---	188,357	---	188,357
Sole, Dover	7,510,185	1,070,906	---	8,581,091	---	8,581,091
Sole, English	4,121,309	84,739	---	4,206,048	---	4,206,048
Sole, petrale	2,867,322	173,842	---	3,041,164	---	3,041,164
Sole, rex	1,381,079	27,166	---	1,408,245	---	1,408,245
Sole, sand	193,914	2,621	---	199,565	---	199,565
Sole, miscellaneous	68,444	---	---	68,444	---	68,444
Splittail	1,380	---	---	1,580	---	1,580
Sturgeon	---	---	---	6,692	---	6,692
Swordfish	31,043	---	8,014	39,057	---	39,057
Tomeod, Pacific	375	---	---	375	375	375
Tuna, albacore	32,046,366	---	4,576,009	36,622,375	36,731,754	73,354,129
Tuna, bigeye	40	---	124,020,715	124,020,755	1,472,042	1,472,042
Tuna, bluefin	17,039,651	---	14,160,300	31,199,951	1,715,481	32,915,432
Tuna, oriental	---	---	---	204,297	204,297	204,297
Tuna, skipjack	92,721,036	92,721,036	6,338,433	6,338,433	99,059,469	99,059,469
Tuna, yellowfin	40	---	124,020,715	124,020,755	94,128,155	218,148,910
Turbot	80,123	260	---	80,383	80,383	80,383
Wahoo	---	---	23,508	23,508	23,508	23,508

TABLE 7  
Origin of Commercial Fish Landings and Volume of Shipments Into California During 1962

TABLE 7—Continued  
*Origin of Commercial Fish Landings and Volume of Shipments Into California During 1962*

Species	Landings of catches from				Shipments*	Grand total
	California waters	Waters north of State	Waters south of State	Total pounds		
<b>Fish:—Continued</b>						
Whitefish, ocean.....	2,320	---	9,682	12,002	---	12,002
Yellowtail, California.....	37,066	---	151,355	188,421	9,059	197,480
Miscellaneous.....	4,463	---	69	4,532	173,667	178,199
Miscellaneous (animal food).....	1,787,533	92,278	---	1,879,811	---	1,879,811
<b>Crustacean:</b>						
Crab, market.....	3,222,580	---	---	3,222,580	---	3,222,580
Crab, rock.....	200,304	---	---	200,304	---	200,304
Lobster, spiny.....	515,816	---	1,206	517,022	---	517,022
Prawn.....	694	---	---	694	---	694
Shrimp, bay.....	1,075	---	---	1,075	---	1,075
Shrimp, ocean.....	1,782,955	---	---	1,782,955	---	1,782,955
Shrimp, unclassified.....	2,624	---	---	2,624	---	2,624
<b>Mollusk:</b>						
Abalone.....	4,183,181	---	---	4,183,181	---	4,183,181
Clam, gaper.....	480	---	---	480	---	480
Clam, jackknife.....	4,458	---	---	4,458	---	4,458
Clam, Pismo.....	---	---	---	---	464,280	464,280
Clam, Washington.....	3,185	---	---	3,185	---	3,185
Clam, unclassified.....	270	---	---	270	---	270
Mussel.....	7,613	---	---	7,613	---	7,613
Octopus.....	13,236	---	---	13,236	---	13,236
Oyster, eastern.....	95,100	---	---	95,100	---	95,100
Oyster, giant Pacific.....	11,043,732	---	---	11,043,732	---	11,043,732
Sea snail.....	945	---	---	945	---	945
Squid.....	9,368,149	---	---	9,368,149	---	9,368,149
<b>Total pounds</b> .....	<b>281,907,313</b>	<b>1,803,768</b>	<b>237,728,149</b>	<b>521,439,230</b>	<b>141,667,377</b>	<b>663,106,607</b>

\* For origin of shipments refer to Table 6.

TABLE 7  
*Origin of Commercial Fish Landings and Volume of Shipments Into California During 1962*

TABLE 8  
Monthly Landings and Shipments Into California During 1962

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
<b>LANDINGS:</b>													
<b>Fish:</b>													
Anchoa.....	367,200	103,845	186,834	157,871	163,015	433,675	247,278	145,669	305,871	438,960	125,076	88,709	2,764,000
Barnacle, California.....	89,018	40,270	117,649	34,451	115,039	121,773	44,059	53,328	15,062	32,367	84,810	25,384	7,161,131
Bass, rock.....	.....	930	1,440	.....	.....	.....	.....	.....	.....	.....	.....	1,470	1,470
Bonito, Pacific.....	210,304	132,051	40,418	44,887	39,004	26,146	108,261	243,562	41,079	222,475	322,273	703,419	2,134,902
Cabazon.....	359	158	.....	.....	.....	22	.....	45	387	451	653	30	329
Cabilla, spotted.....	15,569	229	.....	1,807	.....	.....	.....	.....	.....	.....	.....	1,730	9,112
Carp, yellowtail.....	1,832	26,172	22,248	11,025	24,969	22,653	14,815	11,429	17,455	18,360	24,561	15,727	28,858
Croaker, white.....	30,293	20,668	33,388	20,844	204,315	35,847	90,313	45,091	88,704	30,005	50,233	12,629	857,633
Dolphinfish.....	.....	17	.....	.....	.....	.....	.....	.....	.....	.....	.....	52	52
Dusky, California.....	46,055	61,185	33,091	6,147	18,208	16,426	21,453	42,923	55,096	19,484	9,292	7,592	338,192
Flounder, arrowtooth.....	388	802	3,912	8,932	11,929	7,166	10,721	7,100	1,514	748	104	.....	53,326
Flyingfish.....	.....	.....	.....	108	.....	8,670	5,119	1,070	40	.....	.....	.....	14,364
Greenling, kelp.....	155	.....	.....	30	68	288	.....	.....	.....	.....	.....	.....	581
Grouper.....	29,028	44,308	14,200	739	10,149	3,581	10,400	4,550	.....	29,423	73,043	90,576	311,051
Hake, Pacific.....	.....	2,175	.....	18,035	27,575	28,780	645	1,320	.....	.....	.....	78,539	78,539
Hallucin.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hallibut, California.....	76,469	65,145	116,856	73,720	47,244	25,160	56,227	78,584	62,226	91,212	77,672	89,137	563,096
Hallibut, Pacific.....	.....	.....	.....	.....	.....	230	2,042	479	.....	223	.....	1,146	1,146
Hardhead.....	5,026	25,686	8,820	7,681	20,705	7,643	230	30	.....	12,335	17,330	22,644	128,230
Herring, Pacific.....	750,602	100,944	5,758	142,084	232,579	41,083	22,202	500	.....	.....	.....	815	1,005,569
Herring, Pacific round.....	76,276	68,406	37,814	80,919	95,232	127,336	211,077	144,238	138,100	50,831	32,232	4,250	4,250
Mackerel, jack.....	10,423,397	3,455,163	4,668,050	1,318,222	7,286,328	7,019,375	2,855,019	608,144	1,113,169	20,010,632	20,406,582	7,720,215	1,137,201
Mackerel, Pacific.....	6,034,584	3,383,503	860,330	1,267,279	4,021,117	2,206,005	3,226,585	1,697,675	1,842,322	11,045,742	6,176,238	7,223,050	48,578,820
Ovalfish.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,200	1,200
Porpoise.....	18,903	10,686	32,137	38,768	525	9,741	9,221	18,815	8,217	9,051	9,108	165,113	165,113
Pompano, Pacific.....	250	35	506	1,147	1,659	862	10,114	16,371	1,129	829	48	40	35,660
Rockfish.....	986,712	636,082	896,484	988,411	729,522	752,431	798,568	766,702	921,623	899,509	721,476	772,811	9,834,393
Sablefish.....	178,651	17,202	208,217	109,100	171,211	171,211	171,211	171,211	171,211	171,211	171,211	171,211	171,211
Salmon.....	.....	.....	.....	.....	538,066	1,223,029	1,368,798	2,153,766	801,065	585,107	.....	.....	6,672,861
Sanddab.....	53,044	21,264	73,962	56,435	68,398	73,485	83,045	78,376	59,481	41,512	31,237	39,972	679,911
Sardine.....	4,736,074	3,282,859	331,495	812,033	820,938	358,155	300,923	1,785,433	745,828	1,393,628	379,657	418,899	15,362,952
Sculpin.....	5,335	1,224	3,009	8,864	9,516	3,309	9,367	1,982	4,139	8,002	1,973	1,005	57,361
Sea bass, giant.....	54,332	39,199	12,015	12,456	19,516	24,148	30,146	47,103	22,024	19,096	68,788	51,005	416,270
Seabass, white.....	32,323	14,235	10,279	12,462	24,512	43,150	32,801	47,115	21,800	38,254	170,697	76,870	574,408

TABLE 8  
Monthly Landings and Shipments Into California During 1962

Shark	52,741	25,287	49,415	49,386	62,109	97,639	81,216	73,339	45,326	81,438	63,658	71,623	743,177	
Solehead, California	4,119	1,446	982	155	143	502	4,303	495	2,767	1,502	3,885	20,327	965	
Sole	37	—	—	—	—	—	—	—	—	—	—	13,211	182,178	
Skate	18,555	15,583	22,186	16,048	21,427	13,680	11,774	14,066	11,758	11,772	9,079	13,211	182,178	
Smelt	5,801	18,498	29,140	17,890	31,764	68,956	90,569	18,138	28,829	12,289	15,105	5,539	336,498	
Snell, whitebait	22,669	21,467	29,891	41,806	22,398	16,779	16,982	9,523	3,499	—	346	—	188,357	
Sole, California	12,121	20,111	53,011	63,780	80,761	11,000	11,354	1,300,041	1,300,041	882,735	541,880	287,138	8,641,011	
Sole, English	433,441	249,504	402,607	424,820	204,453	250,098	312,547	365,488	420,011	450,489	420,011	1,208,048	—	
Sole, petrale	419,131	101,675	188,564	278,200	238,084	292,239	290,570	263,324	222,441	123,161	156,845	168,951	3,041,161	
Sole, Sardinian	122,181	64,496	108,547	117,348	90,089	77,682	116,101	134,971	163,658	105,569	107,150	171,084	1,408,245	
Sole sand	32,572	11,501	3,839	—	363	18,690	19,150	27,996	18,039	17,108	6,553	11,385	29,796	
Sole, miscellaneous	9,740	1,684	1,334	3,816	602	3,085	2,514	1,880	7,544	4,894	4,894	6,614	196,565	
Spittail	373	185	174	—	—	—	—	—	—	—	848	—	1,580	
Stickleback	—	—	—	—	—	—	—	—	—	—	—	—	30,927	
Tomcod, Pacific	—	—	—	—	—	—	—	—	—	—	—	—	375	
Tuna, albacore	—	—	—	—	—	—	—	—	—	—	—	—	—	
Tuna, bluefin	45,133	187,478	8,434	154,861	28,414	9,206,882	11,008,820	8,411,802	1,312,671	503,786	—	36,622,375	—	
Tuna, yellowfin	9,047,961	7,000	8,039	7,427,000	6,000,223	11,000,000	7,280,413	7,672,333	6,807,319	7,405,931	5,802,802	92,721,036	—	—
Turbot	9,807,598	8,255,150	12,854,236	19,132,420	19,223,573	14,000,000	11,000,000	11,000,000	11,000,000	11,000,000	12,000,000	12,000,000	12,000,000	12,000,000
Wahoo	15,040	7,585	2,613	1,633	2,148	1,045	7,045	3,091	5,805	7,000	9,820	14,858	80,383	
Whiting, ocean	1,869	2,473	1,152	2,241	920	86	304	345	—	281	1,373	767	23,568	
Whiptail, California	4,928	14,141	18,181	25,392	18,181	20,169	7,286	2,832	6,636	21,651	55,624	6,560	186,511	
Miscellaneous	39	32	3,500	153	36	172	236	111	15	3	125	1,632	—	
Miscellaneous (animal food)	136,089	97,281	119,566	331,736	121,195	133,842	91,582	208,050	195,332	120,128	179,607	144,690	1,878,811	
<b>Crustaceans</b>													—	
Crab, market	1,049,810	230,238	182,091	45,592	91,462	92,905	6,396	—	—	—	—	—	—	
Crab, rock	13,227	11,124	12,622	11,908	27,119	19,097	28,973	20,108	17,182	8,731	8,585	745,361	3,222,380	
Lobster, spiny	64,328	49,470	36,694	—	—	—	—	—	—	167,032	112,338	87,611	517,022	
Prawn	646	48	—	—	—	—	—	—	—	—	—	—	47	
Shrimp, bay	—	—	—	—	—	—	—	385	140	235	315	—	1,075	
Shrimp, ocean	—	—	—	—	—	—	216,655	149,512	180,805	555,993	70,600	—	1,782,055	
Shrimp, unclassified	—	—	—	—	—	—	—	—	—	—	—	—	2,624	
<b>Mollusks</b>													—	
Ahalone	223,907	—	146,414	394,576	482,199	485,832	552,500	335,104	450,217	387,370	275,129	149,825	4,181,181	
Clam, gaper	40	29	214	214	500	602	635	833	579	414	225	159	20,119	
Clam, jackknife	129	157	—	—	—	—	—	—	—	—	—	61	1,428	
Clam, Washington	311	751	1,155	552	162	162	162	—	156	—	—	98	3,188	
Clam, unclassified	20	20	—	—	80	40	—	55	15	—	—	49	270	
Mussel	—	—	—	—	—	—	—	—	—	—	—	—	—	
Oysters	2,349	1,832	1,394	1,635	860	625	1,170	545	403	110	546	1,330	1,235	
Oyster, eastern	8,100	7,800	7,269	7,200	8,060	6,120	5,400	6,660	8,640	10,260	10,500	11,100	95,100	
Oyster, giant Pacific	1,183,355	871,724	1,305,293	684,389	967,921	471,566	115,939	329,323	661,137	1,283,293	1,273,952	1,592,741	11,043,732	
Squid	2,756,605	806,550	74,925	734,585	1,431,696	1,269,114	1,395,388	219,270	255,470	11,692	112,980	305,865	9,368,149	
Total pounds	50,792,193	30,129,671	32,027,510	39,239,428	46,003,613	41,329,012	52,813,830	48,756,396	35,703,728	50,203,304	49,364,530	36,075,715	521,439,230	

TABLE 8—Cont'd.

TABLE 8—Continued  
Monthly Landings and Shipments Into California During 1962

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
<b>SHIPMENTS:<sup>a</sup></b>													
Fish:													
Bonito, Pacific.....	60,000	.....	.....	15,000	.....	10,785	1,365	15,436	46,633	.....	.....	.....	13,000
Salmon, pink.....	20,202	38,442	.....	3,649	926	554	43,852	51,227	31,763	22,074	.....	21,114	134,446
Salmon, chinook.....	.....	.....	.....	19,056	.....	14,642	6,316	.....	.....	.....	.....	10,629	42,651
Shark.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10,629	10,629	0,114
Smelt.....	6,080	612	.....	8,640	3,600	.....	.....	.....	.....	.....	.....	.....	12,240
Sturgeon.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,000
Tuna, albacore.....	2,795,427	7,337,421	7,298,520	6,619,631	1,818,645	716,417	999,928	365,455	3,275,496	1,484,412	1,526,375	2,475,475	36,731,754
Tuna, skipjack.....	138,427	42,046	121,764	130,457	87,725	514,668	197,957	125,968	139,720	.....	5,291	1,472,042	1,715,481
Tuna, bluefin.....	.....	119,060	480,040	81,367	120,077	897,873	42,574	4,000	.....	.....	.....	.....	.....
Tuna, oriental.....	.....	30,000	70,297	30,000	74,000	.....	.....	.....	.....	.....	.....	.....	204,297
Tuna, skipjack.....	97,101	1,199,720	372,693	321,218	362,240	120,656	111,794	941,002	518,111	1,848,140	226,100	.....	6,120,153
Tuna, bluefin.....	5,454,675	6,344,213	8,890,901	10,165,400	11,372,340	11,934,575	6,158,891	10,511,767	6,213,326	6,520,643	4,735,719	1,542,567	94,128,155
Yellowtail, California.....	.....	6,000	.....	10,000	14,390	36,705	7,475	45,400	5,810	.....	.....	.....	1,009
Miscellaneous.....	.....	5,600	.....	.....	.....	.....	.....	.....	.....	.....	49,675	171,667	.....
Mollusk:													
Clam, Pismo.....	315,760	106,880	.....	.....	.....	.....	.....	.....	.....	.....	41,640	46,280	.....
Total pounds.....	8,843,321	14,974,524	18,012,376	18,149,156	13,781,158	12,996,669	7,944,325	12,999,059	10,326,215	10,034,506	6,510,358	7,125,280	141,697,377
Grand total.....	<b>58,635,514</b>	<b>45,104,195</b>	<b>50,040,388</b>	<b>57,388,584</b>	<b>59,784,771</b>	<b>54,325,711</b>	<b>60,758,355</b>	<b>61,725,455</b>	<b>46,029,943</b>	<b>69,237,810</b>	<b>55,874,888</b>	<b>43,200,995</b>	<b>663,106,607</b>

\* For origin of shipments refer to Table 6.

TABLE 8  
Monthly Landings and Shipments Into California During 1962

TABLE 9  
Monthly Landings and Shipments of Commercial Fish Into the Eureka Area During 1962

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds	
<b>LANDINGS FROM:</b>														
<b>California Waters:</b>														
Fish:														
Pompano.....	7,350	9,362	7,749	2,222	17,284	15,256	11,560	30,058	34,100	9,007	912	2,011	117,415	
Flounder, arrowtooth.....	298	802	3,617	6,372	10,620	6,671	10,221	5,342	1,464	748	104	....	45,728	
Halibut, Pacific.....	....	....	....	....	620	232	2,042	429	....	223	....	....	3,548	
Herring.....	25,884	43,413	18,837	45,227	50,165	48,810	110,494	88,360	81,695	26,497	9,850	7,457	559,476	
Perch.....	12,708	6,641	10,994	13,692	....	....	6,658	7,860	11,270	5,722	6,054	5,585	87,130	
Kelpfish.....	121,584	66,501	113,045	239,395	77,024	101,341	244,550	220,007	310,993	109,290	101,338	76,361	1,781,802	
Sablefish.....	13,204	4,900	21,406	10,791	36,111	76,396	934,735	1,529,621	407,437	308,756	76,117	70,421	73,463	2,177
Sandlance.....	4,392	6,038	11,061	27,242	11,096	11,569	17,655	28,618	24,767	6,741	658	1,375	154,236	
Shark.....	....	....	....	....	1,340	6,590	380	31	116	144	....	20	160	
Skate.....	232	....	....	....	....	....	....	....	....	....	....	29	1,424	
Swordfish.....	443	5,556	8,087	6,845	21,052	58,206	72,978	8,897	20,554	6,517	65	....	209,223	
Smelt, whitebait.....	6,262	9,436	26,211	38,904	16,911	13,518	19,701	9,191	2,152	....	346	....	143,032	
Sole, Dover.....	28,669	9,068	46,962	332,855	57,092	536,466	854,925	892,835	1,135,714	626,078	422,507	336,392	5,039,471	
Sole, English.....	61,884	54,069	121,548	180,269	72,346	68,150	58,377	160,718	196,653	81,221	13,917	21,162	1,039,014	
Sole, green.....	29,112	41,109	31,035	31,035	62,916	62,916	31,035	13,917	13,917	13,917	13,917	13,917	115,928	
Sole, rex.....	50,916	14,770	30,170	46,566	10,000	46,168	61,184	85,410	31,030	21,263	29,416	325,798	....	
Sole, sand.....	3,052	14,770	1,974	78	15,476	18,065	934	2,894	5,428	1,438	303	351	51,96	
Sole, sandeatenous.....	400	378	1,274	....	....	....	....	....	....	....	....	....	349,2592	
Tuna, albacore.....	....	....	....	....	....	....	4,343	40,222	730,200	240,809	....	....	1,376,964	
Turbot.....	....	320	168	741	218	115	110	116	115	165	332	3,173	....	
Miscellaneous.....	....	....	....	....	....	....	4	7	6	....	....	....	17	
Menhaden (animal food).....	43,125	19,200	30,851	164,912	....	....	....	....	....	....	....	....	356,124	
<b>Crustaceans:</b>														
Crab, market.....	975,126	182,701	118,832	38,041	77,091	71,732	6,366	....	....	....	....	381,565	1,851,454	
Crab, rock.....	....	....	....	2,300	1,020	80	....	....	....	....	....	....	3,490	
Shrimp, ocean.....	....	....	....	....	....	216,655	204,295	489,865	555,993	70,000	....	....	1,537,708	

MARINE FISH CATCH  
FOR 1962

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TABLE 9  
Monthly Landings and Shipments of Commercial Fish Into the Eureka Area During 1962

TABLE 9—Continued  
Monthly Landings and Shipments of Commercial Fish Into the Eureka Area During 1962

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
<b>LANDINGS FROM—Continued California Waters—Continued</b>													
Mollusk													
Clam, Washington	311	751	1,155	552	162	.....	.....	156	.....	98	3,185		
Octopus	218	20	397	125	75	.....	160	20	370	.....	1,385		
Oyster, giant Pacific	1,011,600	766,500	1,108,800	551,400	936,600	422,100	367,200	288,750	577,500	1,113,000	1,067,300	1,313,000	9,557,050
Total pounds	2,624,820	1,243,757	1,745,625	2,102,025	2,806,826	2,672,704	3,718,710	3,295,511	4,260,795	2,454,396	1,771,211	2,485,312	31,181,752
<b>Waters North of State:</b>													
Fish													
Flounder	.....	16	413	888	431	162	1,380	924	76	.....	10	.....	4,300
Flounder, arrowtooth	.....	.....	.....	.....	85	.....	.....	238	.....	.....	323	.....	
Hake, Pacific	.....	.....	2,175	.....	.....	.....	.....	.....	.....	.....	.....	2,175	
Ling	.....	220	567	10,706	16,292	6,759	1,693	10,963	11,655	477	633	.....	62,058
Rockfish	2,876	8,550	5,561	55,916	38,152	22,432	3,318	22,727	23,141	19,752	8,983	.....	211,411
Sablefish	1,528	2,314	10,578	11,107	6,156	8,082	164	8,310	7,388	8,664	2,408	.....	66,699
Salmon	.....	.....	.....	.....	.....	27	96	21	.....	.....	.....	144	
Sole, sand	.....	44	37	2,685	1,173	207	35	295	35	.....	.....	.....	3,600
Sole, Dover	22,007	10,772	8,612	171,889	250,922	130,937	13,001	143,902	109,592	140,523	60,049	.....	1,070,906
Sole, English	.....	5,143	2,666	16,999	18,431	8,674	12,000	19,752	2,839	.....	635	.....	84,739
Sole, petrale	.....	1,862	1,096	13,059	36,182	26,072	19,287	48,027	22,573	1,586	3,698	.....	173,842
Sole, sand	140	388	1,260	6,087	5,000	4,072	50	4,557	1,408	1,925	785	.....	27,100
Turbot	.....	.....	.....	150	2,104	317	200	110	.....	.....	.....	260	
Miscellaneous (animal food)	8,197	21,928	6,236	55,517	.....	.....	.....	.....	.....	.....	.....	.....	92,275
Total pounds	34,748	51,857	39,264	344,503	372,054	216,247	52,879	260,086	182,072	172,927	77,211	.....	1,803,768
<b>SHIPMENTS:</b>													
Fish													
Salmon	.....	.....	.....	.....	.....	50	1,800	1,500	.....	.....	.....	3,350	
Total pounds	.....	.....	.....	.....	.....	50	1,800	1,500	.....	.....	.....	3,350	
<b>GRAND TOTAL</b>	<b>2,659,568</b>	<b>1,295,594</b>	<b>1,784,829</b>	<b>2,448,528</b>	<b>3,178,880</b>	<b>2,868,951</b>	<b>3,771,639</b>	<b>3,557,397</b>	<b>4,444,367</b>	<b>2,627,323</b>	<b>1,846,452</b>	<b>2,485,342</b>	<b>32,988,870</b>

\* For origin of shipments refer to Table 6.

TABLE 9  
Monthly Landings and Shipments of Commercial Fish Into the Eureka Area During 1962

TABLE 10  
Monthly Landings and Shipments of Commercial Fish Into the San Francisco Area During 1962 \*

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds	MARINE FISH CATCH FOR 1962
<b>LANDINGS FROM: California Waters:</b>														
Fish Anchovy	45	.....	.....	.....	.....	2,350	3,575	3,050	2,406	.....	.....	.....	11,381	11,381
Cabazon	9,831	26,872	22,448	11,025	21,962	22,853	14,815	11,429	17,455	18,360	21,369	14,692	211,712	112
Croaker, white	254	156	170	40	590	50	600	280	828	558	335	370	4,231	4,231
Flounder	35,525	47,803	16,235	11,15	130	235	8,015	10,665	15,860	4,394	4,475	3,260	147,652	147,652
Flounder, arrowtooth	90	.....	265	2,560	1,765	195	500	1,520	50	.....	.....	.....	7,275	7,275
Hake, Pacific	18,146	1,557	2,840	582	276	881	8,452	4,434	4,561	3,875	7,277	18,032	71,016	71,016
Herring, California	5,029	25,686	8,830	7,681	20,765	7,643	230	30	.....	12,335	15,755	16,291	120,805	120,805
Herring, Pacific	707,210	100,941	3,170	.....	.....	.....	.....	.....	.....	.....	.....	780	812,141	812,141
Jack	21,449	14,074	13,744	18,463	17,565	59,815	74,751	27,621	15,947	10,864	10,896	7,747	301,967	301,967
Mackerel, jack	.....	.....	.....	.....	.....	25	285	2,618	383	150	150	150	4,232	4,232
Perch	457	706	7,948	8,210	2,405	281	320	506	975	1,214	766	21,456	21,456	21,456
Rockfish	207,826	135,431	210,507	182,132	119,727	108,718	68,621	69,621	165,041	201,214	118,156	214,166	501,360	501,360
Sardine	98,529	51,652	137,147	42,082	27,750	70,435	143,905	116,515	98,410	34,410	18,880	60,180	801,015	801,015
Salmon	.....	.....	354,182	325,032	292,673	568,169	367,056	242,682	.....	.....	.....	.....	2,050,993	2,050,993
Sandab	39,139	9,550	52,100	20,145	42,300	44,665	52,735	31,610	21,715	26,730	22,010	30,130	392,919	392,919
Sardine	.....	.....	.....	.....	.....	94	.....	250	4,482	1,328	268	11,699	11,699	11,699
Sole, white	4,887	199	195	.....	.....	.....	.....	.....	.....	.....	.....	15,219	15,219	15,219
Shark	17,676	5,256	1,468	5,335	6,474	7,263	10,538	12,988	43,913	43,913	9,180	158,519	158,519	158,519
Skate	15,025	7,800	10,950	5,025	11,325	5,715	6,525	5,750	8,375	5,150	7,125	7,925	97,290	97,290
Smelt	2,467	8,090	13,769	8,649	10,107	9,327	2,403	2,278	5,539	2,772	685	39	66,155	66,155
Snapper, whitebelly	3,583	1,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	21,166	21,166
Sole, Dover	129,383	179,155	465,372	137,404	118,297	100,720	66,238	60,585	49,908	76,399	26,021	49,350	1,450,052	1,450,052
Sole, English	295,281	101,572	147,331	93,106	137,990	119,896	249,007	182,625	135,700	209,310	171,612	376,588	2,201,188	2,201,188
Sole, petraleo	114,018	29,492	88,670	68,664	55,618	83,805	142,381	53,565	36,535	44,332	49,565	110,774	908,488	908,488
Sole, sand	21,320	4,000	4,000	32,850	25,100	17,100	35,615	35,615	30,050	30,050	30,050	30,050	93,144	93,144
Sole, sand	29,320	9,993	1,845	285	510	1,055	26,745	14,975	12,070	5,115	10,850	28,159	140,922	140,922
Sole, miscellaneous	5,609	11,565	1,900	.....	.....	.....	.....	.....	207	2,491	583	22,385	22,385	22,385
Splitbill	373	185	174	.....	.....	.....	.....	.....	.....	.....	.....	818	1,580	1,580

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TABLE 10  
Monthly Landings and Shipments of Commercial Fish Into the San Francisco Area During 1962 \*

TABLE 10—Continued  
Monthly Landings and Shipments of Commercial Fish Into the San Francisco Area During 1962 \*

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
<b>LANDINGS FROM—Continued</b>													
<b>California Waters—Continued</b>													
Fish:													
Tuna, albacore.....	....	....	....	....	....	....	....	925	298,570	180	70	125	375
Tuna, bluefin.....	15,910	7,265	2,145	742	1,930	930	6,938	2,775	970,314	216,864	17,885	12,540	1,504,558
Miscellaneous.....	....	3,500	....	....	....	....	7,080	....	4,730	5,590	8,165	88	69,777
Miscellaneous (animal food)....	7,715	....	25,300	....	....	....	....	....	....	19,580	19,245	135	5,678
Crustacean:													
Crab, rock.....	72,044	43,271	10,518	5,887	13,849	19,375	....	....	....	812,804	362,401	1,340	162
Shrimp, bay.....	....	....	....	....	....	....	....	245	....	....	....	....	235
Shrimp, ocean.....	....	....	....	....	....	....	....	385	140	235	315	....	1,075
Mollusk:													
Whalone.....	242	7,613	2,050	....	....	1,575	9,688	1,325	8,225	200	42	1,054	25,301
Mussel.....	....	....	....	....	....	....	....	....	....	....	....	....	7,613
Oyster, eastern.....	2,131	1,311	967	1,310	743	480	1,310	185	....	45	530	1,322	11,075
Oyster, giant Pacific.....	8,100	7,890	7,290	7,200	6,060	6,120	5,400	6,600	8,640	10,290	10,500	11,100	93,400
Total pounds.....	15,805	14,290	21,718	19,939	15,024	9,566	22,135	2,308	43,487	57,915	82,142	87,981	392,409
Total pounds.....	1,956,388	871,320	1,400,124	944,667	1,007,564	1,030,222	1,887,016	1,320,0578	1,946,478	1,118,406	1,513,093	1,544,676	16,490,632
<b>SHIPMENTS:†</b>													
<b>Fish:</b>													
Tuna, albacore.....	232,240	1,075,664	355,637	392,954	412,840	148,300	584,880	9,152	34,000	200,151	11,810	....	3,905,631
Tuna, bigeye.....	97,467	18,090	121,764	180,010	41,147	20,000	342,490	96,820	83,513	130,720	....	5,261	965,991
Tuna, bluefin.....	....	20,000	....	....	....	....	....	....	....	....	....	....	500,040
Tuna, skipjack.....	....	30,000	60,000	30,000	7,000	....	....	....	....	....	....	....	10,000
Tuna, yellowfin.....	2,487,189	1,153,106	2,388,017	1,817,650	1,168,413	2,181,790	2,070,040	1,485,578	1,649,635	2,192,982	1,443,960	1,346,939	21,358,653
Total pounds.....	2,817,396	2,274,854	3,125,418	2,731,294	1,756,640	2,472,287	3,267,380	1,680,000	1,869,825	2,532,835	1,455,770	1,355,230	27,339,529
Grand total.....	4,773,884	3,146,174	4,875,542	3,675,981	2,781,204	3,502,509	5,104,398	3,001,178	3,816,303	5,651,241	2,988,909	2,889,909	43,838,164

\* Includes Sacramento area landings.

† For origin of shipments refer to Table 6.

TABLE 10  
Monthly Landings and Shipments of Commercial Fish Into the San Francisco Area During 1962

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
<b>LANDINGS FROM: California Waters:</b>													
<b>Fish:</b>													
Anchoa.....	37,200	9,400	66,750	7,150	9,900	165,010	119,396	37,203	233,400	358,200	87,329	57,159	1,188,067
Bait, Pacific.....	.....	.....	.....	.....	.....	.....	.....	21	387	365	653	110	110
Cabazon.....	316	148	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,920	1,920
Croaker, white.....	16	1,202	2,320	4,160	7,182	3,568	5,162	3,470	24,477	12,953	2,518	3,719	71,052
Diamond, black.....	4,980	4,019	8,694	1,848	963	775	485	1,727	5,006	5,573	3,995	2,467	58,945
Grouper, yellowtail.....	.....	.....	.....	.....	.....	.....	.....	645	530	.....	.....	.....	1,845
Hake, Pacific.....	.....	.....	.....	270	.....	.....	.....	230	.....	.....	.....	.....	1,410
Hallibut, California.....	1,315	883	1,636	2,218	3,769	2,067	6,692	15,179	6,491	2,749	1,312	1,770	47,181
Herring, Pacific.....	52,900	25,200	2,500	12,000	23,100	41,000	41,000	231	535	156	156	156	50,900
Lingcod.....	24,777	6,972	2,568	3,250	4,006	3,597	9,050	3,647	8,327	9,023	6,932	19,279	101,428
Mackerel, jack.....	7,749	.....	14,800	36,560	33,180	10,898,620	94,727	94,886	83,830	31,335	23,925	24,127	2,010,729
Mackerel, Pacific.....	4,010	25	306	6,012	12,212	961	1,083	.....	230	.....	.....	.....	6,287
Petrale, Pacific.....	.....	.....	.....	.....	.....	.....	.....	231	233	5,359	923	603	25,671
Pompano, Pacific.....	.....	.....	92	159	11	.....	.....	156	32	17	17	17	92
Rockfish.....	318,251	231,211	227,886	215,167	240,096	308,196	288,355	178,928	208,721	257,633	196,982	173,439	2,854,868
Sablefish.....	75,435	16,212	32,426	14,569	29,151	46,778	51,118	11,939	18,590	33,172	34,023	41,185	401,624
Salmon.....	2,881	3,428	2,320	1,363	8,379	9,009	4,773	6,006	3,579	5,904	6,669	8,047	60,488
Seal.....	3,237	1,120	1,120	9,075	7,013	7,013	4,282	3,290	3,290	1,910	1,910	5,145	5,145
Sole, smelt.....	2,436	1,858	244	1,661	297	1,993	5,637	3,403	2,463	1,730	710	710	21,834
Sole, whiptail.....	12,322	9,348	1,085	1,085	1,085	1,085	3,253	9,380	5,062	332	1,247	1,247	23,669
Sole, Dover.....	.....	.....	2,000	5,510	12,000	14,580	15,285	6,628	1,053	1,053	1,053	1,053	57,575
Sole, English.....	16,182	15,140	16,023	22,273	13,218	13,475	13,735	16,725	47,400	37,901	12,515	31,688	269,545
Sole, petrale.....	15,903	7,677	12,116	10,332	9,355	7,570	8,133	19,017	31,563	19,280	6,425	27,839	169,822
Sole, ret.....	28,028	13,645	9,660	6,392	565	2,965	1,650	2,010	3,620	4,080	7,905	22,770	102,520
Sole, miscellaneous.....	5,120	926	4,911	1,736	332	272	987	4,327	3,999	2,946	3,645	3,200	24,851
Tuna, albacore.....	.....	.....	.....	.....	.....	.....	.....	1,230,981	1,039,813	357,031	36,081	36,081	2,683,603

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TABLE 11  
Monthly Landings and Shipments of Commercial Fish Into the Monterey Area During 1962

TABLE 11—Continued  
Monthly Landings and Shipments of Commercial Fish Into the Monterey Area During 1962

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
<b>LANDINGS FROM:—Continued</b>													
<b>California Waters:—Continued</b>													
<b>Fish:—Continued</b>													
Miscellaneous.....	200	.....	.....	.....	.....	.....	17,340	29,040	27,125	15,830	5,385	27,375	122,465
Crustacean:													
Crab, market.....	1,931	2,530	3,196	579	.....	.....	.....	.....	.....	.....	2,161	1,583	12,206
C. rock.....	152	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	152
Prawn.....	646	48	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	694
Mollusk:													
Abalone.....	40	20	120	60	100	120	.....	.....	.....	.....	20	125	125
Clam, carpet.....	20	.....	20	.....	80	40	40	.....	.....	.....	40	40	240
Clam, unclassified.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	61
Octopus.....	.....	.....	.....	.....	.....	.....	.....	46	15	.....	330	2,460	31,668
Squid, giant Pacific.....	.....	287,535	.....	716,585	1,431,996	1,229,565	1,394,848	217,680	251,180	28,878	2,580	120,158	5,652,857
Total pounds.....	1,528,267	626,585	438,469	1,268,842	2,533,302	3,073,398	2,117,082	3,285,008	2,159,761	1,306,964	453,512	851,338	19,630,286
<b>SHIPMENTS:*</b>													
<b>Fish:</b>													
Smelt.....	.....	.....	.....	8,640	3,600	.....	.....	.....	.....	.....	.....	.....	12,240
Total pounds.....	.....	.....	.....	8,640	3,600	.....	.....	.....	.....	.....	.....	.....	12,240
Grand total.....	1,528,267	626,585	438,469	1,268,842	2,533,302	3,073,398	2,117,082	3,285,008	2,159,761	1,306,964	453,512	851,338	19,642,526

\* For origin of shipments refer to Table 6.

TABLE 11  
Monthly Landings and Shipments of Commercial Fish Into the Monterey Area During 1962

TABLE 12  
Monthly Landings of Commercial Fishing Boats Into the Santa Barbara Area During 1962

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
<b>LANDINGS FROM:</b>													
<b>California Waters:</b>													
Fish:													
Barracuda, California	30,235	—	1,438	4,574	—	21	—	2,500	7,450	17,800	2,160	—	29,910
Bottom, Pacific	—	—	—	—	—	22	—	306	701	4,000	1,329	387	46,732
Caballa, kelp	38	10	—	—	—	—	—	24	—	56	30	262	5,420
Croaker, white	42	—	—	—	—	—	—	1,905	115	1,470	—	—	3,332
Dolphinfish	—	—	—	—	—	—	—	—	33	—	—	—	33
Flounder	—	80	—	11	—	—	—	4	4	15	—	164	311
Giant kelp	155	—	—	30	68	288	—	—	—	—	—	—	541
Habitat, California	15,212	7,793	8,851	10,507	6,053	4,887	5,611	14,997	19,696	17,199	15,559	22,702	119,470
Herring	392	—	—	—	—	50	59	—	—	—	—	—	251
Lingcod	4,441	3,720	2,108	3,263	7,178	8,390	13,030	12,411	11,255	3,801	1,296	5,500	55,611
Mackerel, jack	1,020,451	208,450	496,290	660,000	492,500	755,130	798,872	388,570	384,200	643,286	1,492,200	1,640,895	9,572,926
Mackerel, Pacific	315,142	150,000	355,600	273,000	320,302	—	—	330,910	312,090	2,069,640	557,850	176,075	4,860,904
Pereh	3,407	2,535	2,622	2,339	—	—	—	919	600	1,181	470	1,047	549
Pompano, Pacific	—	—	—	—	—	—	—	262	24	—	—	—	157
Rockfish	206,584	111,220	171,495	188,257	132,000	146,832	118,587	232,974	196,573	167,158	201,520	185,742	2,021,181
Sardines	1,700	600	3,020	785	2,400	3,885	3,093	68	810	1,170	1,305	2,820	21,306
Salmon	—	—	7,174	5,759	32,572	21,883	13,645	27,654	—	—	—	—	108,857
Sole, sand	—	—	208	—	—	—	—	—	—	—	—	—	298
Sardine	664,740	120,935	—	—	—	—	—	143,150	512,160	532,164	167,700	25,425	2,175,274
Sea bass, giant	2,301	249	—	379	198	84	234	—	3	51	126	54	1,378
Seabass, white	—	411	—	2,203	1,201	803	7,568	10,914	3,529	3,296	3,286	3,403	39,308
Shark, sword	4,832	855	4,250	8,024	4,922	7,745	30,959	26,910	14,780	5,220	3,250	6,841	118,513
Swordtail, California	181	37	64	—	—	—	—	—	—	—	—	431	393
Skate	—	234	—	—	—	—	—	—	—	15	141	141	393
Smelt	—	—	2,131	6,586	28,155	25,018	60,885	53,860	16,825	10,752	4,512	1,521	19,557
Sole, English	57,411	23,294	111,139	112,174	58,438	40,303	8,898	12,668	15,917	11,939	31,690	20,033	553,452
Sole, petrale	35,135	20,997	30,176	91,520	84,878	112,108	39,080	33,567	36,212	10,138	44,308	94,602	632,711
Sole, rex	17,870	10,505	16,775	8,885	12,177	13,250	26,622	30,739	33,270	28,979	33,242	31,983	264,397

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TABLE 12  
Monthly Landings of Commercial Fishing Boats Into the Santa Barbara Area During 1962

TABLE 12—Continued  
Monthly Landings of Commercial Fishing Boats Into the Santa Barbara Area During 1962

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
<b>LANDINGS FROM:—Continued</b>													
<b>California Waters:—Continued</b>													
Fish:—Continued													
Sole, miscellaneous.....	507	205	.....	138	.....	.....	4	.....	26	404	222	1,584	1,816
Swordfish.....	.....	.....	.....	.....	.....	1,430	1,149	158	351	242	328	1,141	2,261
Turbot.....	.....	.....	.....	.....	.....	.....	.....	620	3,317	1,160	1,916	986	509
Whitefish, ocean.....	.....	.....	.....	.....	.....	.....	9	.....	.....	.....	7	16	11
Yellowtail, California.....	.....	.....	.....	.....	.....	.....	16	12	18	.....	13	82	125
Miscellaneous (animal food).....	38	.....	.....	.....	.....	.....	16	18	.....	.....	.....	78	111
	76,832	56,150	57,569	110,897	121,165	126,782	71,242	179,010	168,207	84,718	154,977	116,980	1,327,859
Crustacean:													
Crab, market.....	706	1,713	515	1,115	3,522	1,798	.....	.....	.....	287	12	6,668	4
Crab, rock.....	10,684	8,842	8,888	4,304	20,016	13,638	21,585	13,826	9,886	3,088	3,271	12,787	12
Shrimp, ring.....	21,768	20,460	10,721	.....	.....	.....	.....	19	18	19,330	20,699	27,321	119,796
Shrimp, unclassified.....	.....	.....	.....	.....	.....	.....	2,624	.....	.....	.....	.....	.....	2,624
Mollusk:													
Aalone.....	154,313	.....	97,069	280,367	356,168	312,515	342,341	230,014	279,362	259,580	177,329	315,283	2,807,271
Oyster, giant Pacific.....	125,930	90,925	174,775	110,150	16,300	42,900	26,300	38,175	40,150	83,500	124,180	189,300	1,062,905
Sea snail.....	.....	.....	.....	.....	.....	.....	169	.....	206	40	64	126	405
Squid.....	1,407,900	462,500	35,000	.....	.....	.....	.....	.....	.....	.....	49,000	1,954,000	1
Grand total.....	4,855,229	1,360,706	1,239,641	1,930,234	1,635,695	1,968,394	1,604,551	2,070,079	2,356,231	4,294,091	3,065,041	2,940,652	29,322,734

TABLE 12  
Monthly Landings of Commercial Fishing Boats Into the Santa Barbara Area During 1962

TABLE 13  
Monthly Landings and Shipments of Commercial Fish Into the Los Angeles Area During 1962

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
<b>LANDINGS FROM: California Waters:</b>													
<b>Fish:</b>													
Balchovy	330,000	94,445	110,825	150,721	135,115	296,315	121,907	97,965	52,365	78,400	57,699	31,450	1,831,508
Barracuda, California	58,381	132	49,664	49,360	117,518	131,125	4,734	6,808	16,706	4,001	100	100	144,324
Bonito, Pacific	207,723	128,321	40,059	44,090	5,839	9,674	79,722	206,296	24,152	194,206	308,360	665,640	1,942,082
Croaker, white	29,776	25,310	32,728	33,259	105,538	29,822	81,504	39,439	62,865	15,648	47,075	3,880	1,090
Flyingfish	—	—	—	—	108	—	8,070	5,116	1,670	—	—	—	11,364
Halfmoon	—	—	—	—	—	—	—	—	—	—	—	—	4,404
Haddock, California	26,690	32,677	89,413	16,558	21,407	9,144	2,909	11,847	4,572	14,725	25,174	28,053	313,239
Herring, Pacific	—	—	—	—	38	46	—	—	—	—	—	—	7,425
Herring, Pacific round	—	—	—	—	—	—	—	—	—	—	—	—	184
Mackerel, jack	8,723,130	3,240,698	4,066,570	3,611,768	6,462,535	5,174,600	2,005,604	205,140	644,658	19,266,032	18,571,007	5,838,243	75,524,546
Mackerel, Pacific	5,714,509	3,228,450	856,108	900,257	3,7,12,006	1,877,871	3,225,400	4,366,765	1,515,208	9,572,266	5,616,438	3,048,243	45,679,521
Menhaden	—	—	—	—	—	—	—	—	—	—	—	—	1,263
Poach	2,306	497	4,923	2,295	525	162	84	188	54	585	1,605	1,605	12,794
Pompano, Pacific	260	29	25	157	159	381	10	15,952	4,069	757	31	31	35,141
Rockfish	45,668	28,000	69,482	47,015	35,747	27,896	8,011	8,917	2,958	20,709	31,039	56,285	304,124
Salmon	51	235	340	25	—	103	47	13	—	—	260	1,672	—
—	—	—	—	—	—	—	—	—	—	—	—	—	11,263
Sardines	56	22	21	151	—	319	13	—	—	—	—	—	688
Sardine	3,184,778	3,063,924	331,465	812,053	780,785	348,775	294,811	208,315	101,885	756,810	211,117	342,891	10,500,666
Sebastodes, giant	10	16	24	2,635	803	436	2,962	1,822	1,347	1,380	588	89	12,022
Seabass, white	159	213	228	1	124	9	476	476	—	60	567	4,512	—
Shark	943	1,713	4,243	6,381	11,604	31,631	17,813	25,803	5,707	1,423	3,020	2,114	111,157
Sheepshead, California	21,060	10,773	10,312	23,865	32,080	55,006	29,254	19,577	6,116	13,723	24,313	30,276	276,355
Smelt	923	1,017	72	68	32	284	11	1,158	129	513	294	62	4,533
Soles, English	355	22	7,040	935	308	120	9,530	3,523	260	1,250	13,495	5,450	42,288
—	50	—	—	—	—	—	—	—	—	—	—	—	50

MARKET  
NAME  
CITY  
STATE  
YEAR

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TABLE 13  
Monthly Landings and Shipments of Commercial Fish Into the Los Angeles Area During 1962

TABLE 13—Continued  
Monthly Landings and Shipments of Commercial Fish Into the Los Angeles Area During 1962

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
<b>LANDINGS FROM:—Continued</b>													
<b>California Waters:—Continued</b>													
Fish:—Continued													
Sole, petrale	48	78	154	19	403	722	20	54	135	30	61	73	400
Sea bass, common	.....	.....	.....	.....	.....	342	5,960	17,410	2,323	.....	.....	.....	1,714
Swordfish	.....	.....	.....	.....	.....	12,220	4,458,491	7,241,147	3,650,908	3,014,366	347,569	.....	27,055
Tuna, albacore	.....	.....	.....	.....	119,200	3,991,973	6,239,116	4,665,712	2,530,000	.....	.....	.....	18,769,187
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17,000,001
Tuna, yellowfin	.....	.....	.....	.....	.....	17	.....	.....	.....	.....	.....	.....	17
Turbot	196	.....	805	5	.....	86	31	99	.....	.....	.....	.....	90
Tuna, yellowtail, ocean	1,112	717	196	1,000	384	2,111	932	2,094	982	942	223	2,790	1,443
Yellowtail, California	.....	.....	153	.....	172	132	66	.....	.....	.....	.....	.....	523
Miscellaneous	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	131
Crustacean:													
Crab, rock, spiny	2,531	1,686	4,178	5,204	6,083	5,379	7,308	6,337	7,596	4,109	6,158	6,732	63,691
Crab, rock, spiny	26,262	22,474	18,716	.....	.....	.....	.....	.....	89,939	56,287	37,240	251,918	131
Mollusk:													
Absalone	54,912	.....	25,375	80,605	86,187	136,350	169,599	77,280	111,050	120,624	97,758	104,125	1,063,865
Clam, unclassified	.....	.....	.....	.....	.....	.....	.....	.....	15	.....	.....	.....	15
Oysters	.....	.....	.....	.....	.....	.....	.....	.....	.....	26	127	125	125
Squid	1,348,705	56,524	39,925	18,000	2,700	25,299	540	1,590	4,290	10,962	110,400	136,707	1,755,642
Total pounds	19,760,889	9,977,007	5,802,970	5,848,399	11,636,662	8,264,571	14,573,399	18,962,047	10,314,496	35,835,701	25,923,777	10,387,391	177,287,309
<b>Waters South of State:</b>													
Fish:													
Baracuda, California	40,192	56,351	250	.....	295	.....	.....	.....	.....	73,571	24,609	195,181	1,470
Bonito, California	938	.....	540	31,226	15,200	110	.....	.....	.....	695	505	81,304	.....
Bonito, Pacific	3,568	.....	1,807	.....	.....	.....	.....	.....	.....	1,739	8,997	28,333	212
Catrilla, spotted	15,959	.....	212	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Dolphinfish	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Haddock	22,068	41,150	14,230	.....	10,140	2,806	10,295	4,355	171	23,100	73,915	86,275	290,613
Haddock, California	260	250	250	.....	.....	.....	.....	.....	81	58	8	807	.....
Lingcod	97	.....	.....	.....	.....	79	.....	.....	86	172	36	.....	391
Mackerel, Pacific	.....	.....	350	8	20	.....	.....	.....	.....	63	151	429	.....
Perch	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	242

TABLE 13  
Monthly Landings and Shipments of Commercial Fish Into the Los Angeles Area During 1962

\* For origin of shipments refer to Table 6.

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TABLE 13—*Cont'd.*

TABLE 14  
Monthly Landings and Shipments of Commercial Fish Into the San Diego Area During 1962

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
<b>LANDINGS FROM:</b>													
<b>California Waters:</b>													
Fish													
Anchovy.....	52	36	259	262	19,051	3,960	937	594	825	10	48	96	307
Barracuda, California.....					10	1,772	241	36,655	12,510	26,072	7,334	6,305	23,613
Dolphin, California.....	2,671	163	389	75	605	407	952	419	276	276	60	121,886	121,886
Croaker, white.....	205	170	85	.....	.....	.....	245	.....	.....	.....	.....	60	1,484
Flake, Pacific.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	245
Halibut.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,074
Herring, California.....	14,835	17,242	13,884	11,169	7,986	6,634	1,940	6,753	26,345	46,520	23,187	17,091	192,751
Lungfish.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	23	33
Mackerel, Pacific.....	623	5,143	3,872	2,422	5,447	670	1,185	.....	14,791	3,836	1,950	737	40,674
Opah.....	.....	.....	.....	.....	24	.....	.....	.....	257	.....	.....	.....	111
Pike.....	.....	.....	.....	.....	.....	.....	1,130	.....	330	.....	.....	.....	N.D.
Rockfish.....	15,704	2,887	14,773	19,437	9,588	19,809	11,874	10,410	13,575	7,999	9,710	17,733	151,512
Sablefish.....	.....	.....	.....	.....	68	.....	.....	82	.....	.....	.....	.....	150
Salmon.....	.....	.....	.....	.....	.....	.....	19	.....	.....	.....	.....	.....	15
Sardines.....	.....	.....	.....	.....	.....	.....	.....	.....	23	.....	.....	.....	23
Sealip.....	5,235	808	2,066	5,820	8,372	3,672	6,458	92	7,522	4,415	916	45,685	15
Sea bass, giant.....	12	.....	.....	202	264	510	463	157	450	101	16	93	2,298
Seabass, white.....	1,478	1,635	2,236	499	11,471	10,570	2,699	5,756	4,228	394	349	978	42,135
Shad.....	5,469	3,958	11,620	7,147	10,62	11,738	8,138	1,713	8,566	5,833	10,149	11,191	104,137
Sheepshead, California.....	2,860	290	801	87	.....	218	17	1,839	60	746	268	3,191	10,377
Sole, miscellaneous.....	56	97	.....	.....	.....	2,089	1,480	1,395	2,727	1,673	124	.....	9,641
Swordfish.....	.....	.....	.....	.....	.....	1,820	1,312	367	.....	.....	.....	.....	3,499
Tuna, bluefin.....	.....	.....	.....	.....	10,278	2,121	2,734	1,687,692	1,687,692	186,110	15,334	.....	6,720,003
Tuna, yellowfin.....	.....	.....	.....	.....	.....	2,465	30,507	18	.....	.....	.....	.....	32,990
Whitefish, ocean.....	503	101	122	20	95	.....	.....	.....	17	.....	.....	.....	861
Yellowtail, California.....	120	15	321	24	4,824	12,697	1,847	812	2,699	.....	614	.....	23,114
Miscellaneous.....	.....	.....	.....	36	.....	81	20	2,699	.....	3	20	.....	190
<b>Crustacean:</b>													
Crab, rock.....	104	481	56	.....	.....	.....	80	.....	.....	1,444	166	804	3,138
Lobster, spiny.....	16,298	6,509	7,256	.....	.....	.....	.....	.....	57,763	35,345	21,811	145,012	145,012

TABLE 14  
Monthly Landings and Shipments of Commerical Fish Into the San Diego Area During 1962

MULLUSK												
Avalone.....	14,440	.....	21,920	33,601	39,844	35,392	30,878	26,575	51,550	6,075	25,335	285,516
Clam, jackknife.....	136	157	214	350	692	655	533	375	414	159	61	438
Cod.....	.....	.....	.....	.....	.....	5,250	.....	15	.....	.....	.....	15
Squid.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,250
Total pounds.....	81,531	38,735	79,378	82,423	120,604	130,621	2,221,833	2,865,445	1,829,793	327,167	109,493	107,551
Waters South of State:												
Fish:	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Barracuda, California.....	350	.....	9,863	.....	571	.....	3,508	.....	575	14,052	3,851	283
Baitfish, Pacific.....	.....	.....	.....	.....	.....	.....	.....	.....	228	373	5,390	2,101
Catelena, spotted.....	220	.....	.....	.....	.....	.....	.....	.....	.....	.....	145	365
Groupers.....	7,858	15	.....	270	.....	1,085	105	.....	.....	6,233	4,308	20,978
Lampreys, California.....	71	1,733	.....	2,706	7,667	1,477	33,673	25,732	387	6,093	5,105	1,568
Rockfish.....	26,478	36,125	28,798	41,890	44,107	15,149	235	55	616	31,770	28,981	8,169
Sculpin.....	.....	.....	.....	.....	.....	204	.....	40	.....	.....	.....	241
Sea bass, giant.....	10,277	.....	.....	.....	.....	.....	8,867	10,299	.....	1,820	6,102	5,325
Sole, California.....	7,154	426	.....	26	723	83	4,721	4,415	6,931	34,855	46,357	18,684
Shark.....	23	.....	.....	.....	741	127	500	1,226	827	5,995	587	2,943
Sheepshead, California.....	.....	.....	.....	111	.....	.....	1,309	145	470	.....	494	2,526
Sierra.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	60	.....	5,890
Sevengill shark.....	.....	.....	.....	.....	2,307	2,809	155	619	.....	.....	.....	3,975,474
Tuna, albacore.....	.....	.....	.....	.....	3,980	2,282,960	1,538,622	103,122	.....	48,790	.....	1,216,507
Tuna, bluefin.....	.....	.....	.....	.....	221,517	449,992	338,898	160,169	.....	27,643	.....	.....
Tuna, skipjack.....	1,452,460	1,835,682	944,687	2,455,015	2,061,061	1,547,360	3,408,697	2,596,163	2,965,543	1,420,142	1,760,228	994,152
Tuna, yellowfin.....	989,686	1,464,535	918,869	3,019,193	3,452,936	1,558,862	2,010,882	1,631,857	1,757,221	2,549,162	1,866,040	22,821,917
Yellowtail, ocean.....	458	585	67	.....	.....	256	5	267	.....	1,373	560	1,183
Yellowtail, California.....	514	224	567	5,300	.....	375	2,666	.....	2,337	3,975	21,126	2,499
Total pounds.....	2,406,089	3,339,506	1,902,724	5,526,615	5,567,171	3,358,219	8,487,389	6,535,277	4,875,176	2,286,040	4,362,659	2,878,393
Grand total.....	2,838,656	7,697,543	4,091,835	8,577,985	6,900,976	3,568,965	10,709,242	9,595,736	6,708,028	5,982,935	4,612,152	3,046,404

MARINE FISH CATCH FOR 1961

\* For origin of shipments refer to Table 6.

TABLE 14—Cont'd.

TABLE 15  
Value of Landings and Shipments of Commercial Fish Into California by Area, 1962

Species	Eureka	San Francisco*	Monterey	Santa Barbara	Los Angeles	San Diego	Total
<b>LANDINGS:</b>							
<b>Fish:</b>							
Anchovy	11,381	1,188,097	29,910	1,534,308	307	2,764,003	
Barracuda, California	\$488	\$23,881	\$1,427	\$24,242	\$12	\$50,050	
Bass, rock	—	—	\$7,628	\$61,605	55,139	746,476	
Bonito, Pacific	—	—	—	1,470	—	1,470	
Cabezon	112	1,920	442	—	—	365	
Cabrilla, spotted	—	—	—	28,493	365	28,858	
Carp	218,712	—	—	\$3,909	60	\$3,969	
Croaker, white	4,231	71,052	3,532	605,334	3,484	687,633	
Dolphinfish	—	—	33	212	—	245	
Flounder	151,724	147,652	38,505	311	—	338,192	
Flounder, arrowtooth	\$7,389	\$7,811	\$3,789	\$17	—	\$11,006	
Flyingfish	46,051	7,275	—	—	—	53,326	
Greenling, kelp	\$2,187	\$280	—	—	—	\$2,467	
Grouper	—	—	40	541	—	14,364	
Hake, Pacific	2,175	74,265	1,845	—	—	311,091	
Halfmoon	\$44	\$1,218	\$39	—	—	\$61,260	
Halibut, California	74,016	47,181	149,070	314,046	278,773	863,086	
Halibut, Pacific	\$15,921	\$11,526	\$34,344	\$78,118	\$67,519	\$207,728	
Hardhead	3,546	—	—	—	—	3,546	
Herring, Pacific	\$1,072	120,805	—	7,425	—	128,230	
Herring, Pacific round	85	812,054	492,825	521	84	1,305,569	
Lingcod	622,474	301,967	101,428	85,641	661	1,112,204	
Mackerel, jack	\$48,491	\$23,130	\$10,295	\$5,960	\$70	\$87,949	
Mackerel, Pacific	4,232	2,049,729	9,572,026	78,352,946	—	89,978,933	
Opahye	—	—	6,287	4,860,904	43,670,950	40,679	
Perch	87,130	21,438	25,977	15,776	13,036	1,760	165,115
Pompano, Pacific	\$11,648	\$2,940	562	287	35	—	35,990
Rockfish	1,993,213	1,889,196	2,854,868	2,021,181	559,041	416,894	9,834,393
Sablefish	\$90,772	\$104,339	\$155,226	\$109,693	\$66,601	\$17,356	\$573,987
Salmon	696,866	891,015	404,628	21,506	1,072	150	2,015,237
Sanddab	\$61,255	\$27,710	\$21,608	\$983	\$127	\$9	\$111,692
Seabass, white	4,193,530	2,050,993	308,369	108,687	11,263	19	6,672,861
Seabass, giant	\$2,448,748	\$1,308,748	\$186,903	\$72,600	\$6,025	\$8	\$1,023,037
Sealipin	158,132	392,919	127,663	286	688	23	679,911
Sardine	\$12,430	\$26,562	\$9,142	\$20	\$144	\$3	\$48,301
Sierra	—	94	2,591,518	2,175,274	10,590,066	—	15,362,952
	—	—	\$86	\$1,632	\$78,093	\$330,598	\$490,329
	—	—	—	—	—	45,829	57,951
	—	—	—	—	—	\$14,064	\$12,759
	—	—	—	—	—	51,322	446,209
	—	—	—	—	—	\$64,157	\$8,252
	—	—	—	—	—	\$28,252	\$72,872
	—	—	—	—	—	\$18,473	\$176,773
	—	—	—	—	—	122,106	753,177
	—	—	—	—	—	\$12,990	\$69,465
	—	—	—	—	—	\$1,183	\$1,700
	—	—	—	—	—	60	95
	—	—	—	—	—	\$7	\$10

TABLE 15  
Value of Landings and Shipments of Commercial Fish Into California by Area, 1962

TABLE 15—Continued  
Value of Landings and Shipments of Commercial Fish Into California by Area, 1962

Species	Eureka	San Francisco*	Monterey	Santa Barbara	Los Angeles	San Diego	Total
<b>LANDINGS:—Continued</b>							
<b>Fish:—Continued</b>							
Skate	8,745	97,290	75,691	393	59	-----	182,178
	\$29	\$1,138	\$1,195	\$24	\$9	-----	\$2,395
Smelt	209,223	66,195	21,554	258	42,268	-----	339,498
	\$10,820	\$9,245	\$1,629	\$12	\$1,190	-----	\$22,806
Smelt, whitebait	143,032	21,656	23,669	-----	-----	-----	188,357
	\$10,756	\$2,716	\$3,238	-----	-----	-----	\$16,740
Sole, Dover	6,887,380	1,459,052	57,872	196,787	-----	-----	8,581,091
	\$123,031	\$79,080	\$2,888	\$11,807	-----	-----	\$516,806
Sole, English	1,178,203	2,204,488	268,855	553,452	50	-----	4,206,048
	\$8,820	\$18,581	\$1,118	\$39,360	\$5	-----	\$36,726
Sole, petraleo	1,232,770	98,458	165,822	637,711	403	-----	3,041,164
	\$151,335	\$113,375	\$90,019	\$71,027	\$40	-----	\$61,796
Sole, rex	549,964	491,464	102,520	264,297	-----	-----	1,408,245
	\$38,719	\$32,880	\$5,239	\$16,703	-----	-----	\$93,540
Sole, sand	53,827	140,922	-----	1,816	-----	-----	196,565
	\$5,331	\$11,316	-----	\$218	-----	-----	\$19,898
Sole, miscellaneous	2,592	22,385	29,851	2,261	1,714	9,641	68,444
	\$92	\$571	\$2,802	\$167	\$214	\$2,373	\$6,309
Splittail	-----	1,580	-----	-----	-----	-----	1,580
	-----	\$433	-----	-----	-----	-----	\$433
Swordfish	-----	-----	-----	509	29,159	9,389	39,057
	-----	-----	-----	\$270	\$15,317	\$1,814	\$20,431
Tomeod, Pacific	375	-----	-----	-----	-----	-----	375
	\$13	-----	-----	-----	-----	-----	\$13
Tuna, albacore	1,376,664	1,504,558	2,685,605	984,269	19,389,722	10,701,557	36,622,375
	\$187,915	\$205,222	\$586,190	\$135,731	\$3,265,735	\$1,858,860	\$6,039,653
Tuna, bluefin	-----	-----	-----	29,948,954	1,250,997	31,199,951	-----
	-----	-----	-----	\$1,201,834	\$162,755	\$1,367,589	-----
Tuna, skipjack	-----	-----	-----	69,309,816	23,411,220	92,721,036	-----
	-----	-----	-----	\$8,875,587	\$3,043,459	\$11,922,046	-----
Tuna, yellowfin	-----	-----	-----	101,538,255	22,482,500	124,020,755	-----
	-----	-----	-----	\$15,372,892	\$3,379,120	\$18,752,012	-----
Turbot	3,433	69,777	70	7,013	90	-----	80,383
	\$341	\$5,949	\$1	\$111	\$5	-----	\$1,710
Wahoo	-----	-----	-----	22,559	975	-----	22,559
	-----	-----	-----	\$7,668	\$156	-----	\$7,824
Whitefish, ocean	-----	-----	16	6,944	5,042	-----	12,002
	-----	-----	\$1	\$134	\$375	-----	\$810
Yellowtail, California	-----	-----	125	127,820	60,476	188,421	-----
	-----	-----	\$16	\$11,465	\$4,511	\$15,992	-----
Miscellaneous	17	3,678	7	78	592	160	4,532
	\$1	\$98	\$1	\$12	\$128	\$29	\$272
Miscellaneous (animal food)	350,402	79,055	122,495	1,327,859	-----	-----	1,879,811
	\$7,008	\$1,581	\$2,150	\$26,558	-----	-----	\$37,597
<b>Crustacean:</b>							
Crab, market	1,851,454	1,349,152	12,306	9,668	-----	-----	3,222,580
	\$116,386	\$117,967	\$1,089	\$3,692	-----	-----	\$572,044
Crab, rock	3,400	245	152	129,678	63,691	3,138	200,304
	-----	\$12	\$8	\$9,363	\$6,904	\$115	\$16,402
Lobster, spiny	-----	-----	119,786	252,224	145,012	517,022	-----
	-----	-----	\$81,311	\$175,373	\$97,231	\$353,915	-----
Prawn	-----	694	-----	-----	-----	694	-----
	-----	\$120	-----	-----	-----	-----	\$420
Shrimp, bay	-----	1,075	-----	-----	-----	-----	1,075
	-----	\$10	-----	-----	-----	-----	\$10
Shrimp, ocean	1,537,708	245,247	-----	-----	-----	1,782,955	-----
	\$169,916	\$26,978	-----	-----	-----	-----	\$16,804
Shrimp, unclassified	-----	-----	-----	2,624	-----	-----	2,624
	-----	-----	-----	\$956	-----	-----	\$956
<b>Mollusk:</b>							
Avalone	25,301	125	2,807,374	1,063,885	286,516	4,183,181	-----
	\$1,489	\$125	\$435,017	\$124,990	\$28,828	\$593,149	-----
Clam, gaper	-----	480	-----	-----	-----	480	-----
	-----	\$47	-----	-----	-----	-----	\$47
Clam, jackknife	-----	-----	-----	-----	4,458	4,458	-----
	-----	-----	-----	-----	\$1,848	\$1,848	-----
Clam, Washington	3,185	-----	-----	-----	-----	3,185	-----
	\$494	-----	-----	-----	-----	-----	\$494
Clam, unclassified	-----	240	-----	15	15	270	-----
	-----	\$24	-----	\$8	\$8	\$40	-----
Mussel	7,613	-----	-----	-----	-----	7,613	-----
	\$381	-----	-----	-----	-----	-----	\$381

TABLE 15  
Value of Landings and Shipments of Commercial Fish Into California by Area, 1962

TABLE 15—Continued  
Value of Landings and Shipments of Commercial Fish Into California by Area, 1962

Species	Eureka	San Francisco*	Monterey	Santa Barbara	Los Angeles	San Diego	Total
<b>LANDINGS:—Continued</b>							
<b>Mollusk:—Continued</b>							
Octopus.....	1,385	11,077	61	640	73	---	13,236
	\$50	\$413	\$7	\$73	\$18	---	\$561
Oyster, eastern.....	---	95,100	---	---	---	---	95,100
		\$4,717					\$4,717
Oyster, giant Pacific.....	9,557,050	392,409	31,668	1,062,605	---	---	11,043,732
	\$238,926	\$40,889	\$633	\$21,253			\$301,701
Sea snail.....	---	---	---	605	---	---	605
Squid.....	---	---	5,652,857	1,954,400	1,755,642	5,250	9,368,149
			\$120,971	\$21,694	\$24,754	\$210	\$167,629
<b>Total pounds.....</b>	<b>32,985,520</b>	<b>16,490,635</b>	<b>19,630,286</b>	<b>29,322,734</b>	<b>363,280,381</b>	<b>59,729,674</b>	<b>521,439,230</b>
<b>Total value.....</b>	<b>\$1,465,746</b>	<b>\$2,690,991</b>	<b>\$1,180,206</b>	<b>\$1,474,948</b>	<b>\$35,648,330</b>	<b>\$8,804,081</b>	<b>\$51,264,302</b>
<b>SHIPMENTS:†</b>							
<b>Fish:</b>							
Bonito, Pacific.....	---	---	---	---	15,000	15,000	
Sablefish.....	---	---	---	134,449	134,449		
				\$28,750	\$28,750		
Salmon.....	3,350	---	---	207,735	---	211,085	
	\$1,340			\$170,202		\$171,542	
Shad.....	---	---	---	40,114	40,114		
				\$4,814	\$4,814		
Shark.....	---	---	---	10,629	10,629		
				\$880	\$880		
Smelt.....	---	12,240	---	---	12,240		
		\$1,469				\$1,469	
Sturgeon.....	---	---	6,682	---	6,682		
			\$2,982		\$2,982		
Tuna, albacore.....	3,905,631	---	31,100,000	1,724,643	36,710,754		
	\$864,707		\$5,983,925	\$372,350	\$7,220,932		
Tuna, bigeye.....	968,991	---	503,051	---	1,472,042		
	\$191,763					\$264,605	
Tuna, bluefin.....	500,040	---	1,211,441	4,000	1,715,481		
	\$98,258		\$171,298	\$500	\$270,056		
Tuna, oriental.....	194,000	---	10,297	---	204,297		
	\$72,575		\$1,390			\$73,965	
Tuna, skipjack.....	412,214	---	2,197,747	3,728,472	6,338,433		
	\$63,728		\$278,894	\$477,617	\$820,239		
Tuna, yellowfin.....	21,358,653	---	63,846,893	9,122,609	94,128,155		
	\$1,570,752		\$11,730,122	\$1,424,952	\$17,725,826		
Yellowtail, California.....	---	---	---	9,059	9,059		
				\$1,057	\$1,057		
Miscellaneous.....	---	---	173,667	---	173,667		
			\$60,558	---	\$60,558		
<b>Mollusk:</b>							
Clam, Pismo.....	---	---	464,280	---	464,280		
			\$10,446	---	\$10,446		
<b>Total pounds.....</b>	<b>3,350</b>	<b>27,339,529</b>	<b>12,240</b>	<b>99,708,475</b>	<b>14,603,783</b>	<b>141,667,377</b>	
<b>Total value.....</b>	<b>\$1,340</b>	<b>\$5,861,783</b>	<b>\$1,469</b>	<b>\$18,517,112</b>	<b>\$2,276,626</b>	<b>\$26,658,330</b>	
<b>GRAND TOTAL POUNDS.....</b>	<b>32,988,870</b>	<b>43,830,164</b>	<b>19,642,526</b>	<b>29,322,734</b>	<b>462,988,856</b>	<b>74,333,457</b>	<b>683,106,607</b>
<b>GRAND TOTAL VALUE.....</b>	<b>\$1,465,746</b>	<b>\$8,552,774</b>	<b>\$1,181,675</b>	<b>\$1,474,948</b>	<b>\$54,165,442</b>	<b>\$11,080,707</b>	<b>\$80,922,632</b>

\* Includes Sacramento area landings.  
† For origin of shipments refer to Table 6.

TABLE 15  
Value of Landings and Shipments of Commercial Fish Into California by Area, 1962

**TABLE 16**  
**Value of Landings and Shipments by Port, Eureka Area, 1962**

	Value	Pounds
<b>EUREKA AREA TOTALS.....</b>	<b>\$4,467,086</b>	<b>32,988,870</b>
<b>Eureka</b>		
Salmon.....	\$1,473,266	2,521,445
Giant Pacific oyster.....	238,926	9,557,050
Dover sole.....	161,752	2,625,837
Albacore.....	136,575	1,005,549
Market crab.....	109,069	452,381
Ocean shrimp.....	75,572	683,913
Petrale sole.....	67,223	588,597
English sole.....	34,374	454,164
Rockfish.....	29,870	657,946
Rex sole.....	18,533	267,509
Sablefish.....	14,285	162,510
Lingcod.....	9,959	127,846
Perch.....	6,311	45,474
Sanddab.....	5,698	72,493
All other.....	10,538	169,820
Totals.....	\$2,391,941	19,383,744
<b>Fort Bragg</b>		
Salmon.....	\$744,311	1,274,411
Dover sole.....	79,956	1,297,984
Market crab.....	62,123	257,663
Albacore.....	41,718	305,628
Sablefish.....	29,600	336,743
Rockfish.....	16,779	364,707
Petrale sole.....	13,179	113,810
English sole.....	10,378	139,672
Lingcod.....	7,511	96,416
Rex sole.....	7,280	103,119
Smelt.....	5,280	104,471
All other.....	8,680	187,914
Totals.....	\$1,026,775	4,582,838
<b>Crescent City</b>		
Market crab.....	\$215,306	893,015
Salmon.....	197,452	339,066
Ocean shrimp.....	93,261	843,995
Petrale sole.....	15,305	132,165
English sole.....	14,452	194,512
Lingcod.....	12,246	157,197
Albacore.....	9,564	70,065
Dover sole.....	8,109	131,646
All other.....	17,385	280,677
Totals.....	\$583,180	3,042,338
<b>Fields Landing</b>		
Dover sole.....	\$173,214	2,811,913
Petrale sole.....	58,628	506,288
Rockfish.....	39,763	876,045
English sole.....	28,647	385,555
Lingcod.....	18,775	241,015
Sablefish.....	17,079	194,301
Market crab.....	15,015	66,099
Rex sole.....	11,140	158,245
Miscellaneous (animal food).....	5,248	262,403
All other.....	21,206	235,688
Totals.....	\$389,015	5,737,462
<b>Trinidad</b>		
Market crab.....	\$43,639	181,001
Salmon.....	12,099	22,580
All other.....	75	478
Totals.....	\$55,813	204,059

**TABLE 16**  
**Value of Landings and Shipments by Port, Eureka Area, 1962**

TABLE 16—Continued  
*Value of Landings and Shipments by Port, Eureka Area, 1962*

	Value	Pounds
<b>Albion</b>		
Salmon.....	\$19,010	32,535
All other.....	3	73
Totals.....	\$19,013	32,608
<b>All other ports</b>		
All other.....	\$749	5,821
Totals.....	\$749	5,821

TABLE 16  
*Value of Landings and Shipments by Port, Eureka Area, 1962*

**TABLE 17**  
**Value of Landings and Shipments by Port,\* San Francisco Area, 1962**

	Value	Pounds
<b>SAN FRANCISCO AREA TOTALS.....</b>	<b>\$8,552,774</b>	<b>43,830,164</b>
<b>San Francisco</b>		
Yellowfin tuna.....	\$1,570,752	21,358,653
Albacore.....	877,690	4,000,811
Market crab.....	235,191	759,171
Salmon.....	200,783	314,657
Bigeye tuna.....	191,763	968,991
English sole.....	125,248	1,739,551
Bluefin tuna.....	98,258	500,040
Petrale sole.....	94,695	758,775
Rockfish.....	91,776	1,754,855
Oriental tuna.....	72,575	194,000
Dover sole.....	64,243	1,185,298
Skipjack.....	63,728	412,214
Sablefish.....	24,144	776,342
Rex sole.....	22,848	341,519
Sanddab.....	21,903	324,004
Lingcod.....	16,153	210,881
Sand sole.....	12,619	123,960
California halibut.....	11,157	51,867
Flounder.....	5,370	101,512
All other.....	18,880	461,318
Totals.....	\$6,819,776	36,338,419
<b>Bodega Bay</b>		
Salmon.....	\$463,088	725,729
Market crab.....	83,078	268,166
Ocean shrimp.....	26,686	242,597
English sole.....	13,242	183,914
Albacore.....	10,329	75,729
Smelt.....	7,737	49,171
Dover sole.....	5,462	100,783
All other.....	14,162	198,968
Totals.....	\$623,784	1,845,057
<b>Point Reyes</b>		
Salmon.....	\$183,862	288,140
Market crab.....	41,896	135,235
Giant Pacific oyster.....	27,565	261,541
English sole.....	20,195	280,490
Petrale sole.....	13,930	111,620
Rockfish.....	9,847	189,021
Dover sole.....	6,497	119,871
Rex sole.....	5,755	86,025
All other.....	18,741	325,979
Totals.....	\$328,288	1,800,622
<b>Sausalito</b>		
Salmon.....	\$212,252	332,631
Albacore.....	55,535	407,147
Market crab.....	24,353	78,608
All other.....	513	5,964
Totals.....	\$292,653	824,350
<b>Oakland</b>		
Albacore.....	\$126,350	926,318
Salmon.....	72,055	112,621
Market crab.....	8,768	28,303
All other.....	5,077	97,579
Totals.....	\$212,250	1,165,521
<b>Princeton</b>		
Salmon.....	\$172,822	270,838
Market crab.....	24,484	79,032
All other.....	5,334	38,466
Totals.....	\$202,640	388,336

**TABLE 17**  
**Value of Landings and Shipments by Port, San Francisco Area, 1962**

TABLE 17—Continued  
*Value of Landings and Shipments by Port,\* San Francisco Area, 1962*

	Value	Pounds
<b>Tomales Bay</b>		
Giant Pacific oyster.....	\$13,324	127,868
Pacific herring.....	6,829	784,869
All other.....	12,833	181,805
Totals.....	\$32,986	1,094,542
<b>Clear Lake</b>		
Hardhead.....	\$22,083	110,415
Carp.....	5,441	110,825
Totals.....	\$27,524	221,240
<b>Turlock</b>		
Carp.....	\$3,074	62,615
All other.....	2,289	11,152
Totals.....	\$5,363	73,767
<b>All other ports</b>		
All other.....	\$7,510	78,010
Totals.....	\$7,510	78,010

\* Includes Sacramento area landings.

TABLE 17  
*Value of Landings and Shipments by Port, San Francisco Area, 1962*

**TABLE 18**  
**Value of Landings and Shipments by Port, Monterey Area, 1962**

	Value	Pounds
<b>MONTEREY AREA TOTALS.....</b>	<b>\$1,181,675</b>	<b>19,642,526</b>
<b>Moss Landing</b>		
Albacore.....	\$336,274	2,338,483
Salmon.....	130,295	21,4972
Sardine.....	50,439	1,601,235
Jack mackerel.....	36,855	1,510,467
Pacific herring.....	31,309	372,287
Anchovy.....	17,243	857,860
Squid.....	8,988	420,000
Rockfish.....	5,076	57,798
All other.....	16,823	191,561
Totals.....	\$633,302	7,561,663
<b>Monterey</b>		
Rockfish.....	\$147,786	2,770,384
Squid.....	111,983	5,232,857
Albacore.....	49,823	346,474
Sardine.....	30,566	970,363
Salmon.....	27,690	45,685
Petrale sole.....	19,987	166,556
English sole.....	19,530	268,644
Jack mackerel.....	13,080	535,410
Sablefish.....	12,173	227,956
Sandab.....	8,391	117,363
Anchovy.....	6,093	303,134
Pacific herring.....	5,338	63,471
Rex sole.....	5,207	101,900
All other.....	25,126	408,810
Totals.....	\$482,773	11,559,007
<b>Santa Cruz</b>		
Salmon.....	\$28,918	47,712
California halibut.....	7,372	30,177
Sablefish.....	6,901	129,226
All other.....	22,409	311,741
Totals.....	\$65,600	518,856

**TABLE 18**  
**Value of Landings and Shipments by Port, Monterey Area, 1962**

TABLE 19  
Value of Landings by Port, Santa Barbara Area, 1962

	Value	Pounds
<b>SANTA BARBARA AREA TOTALS</b>	<b>\$1,474,948</b>	<b>29,322,734</b>
<b>Morro Bay</b>		
Abalone	\$194,361	1,212,498
All sole	132,644	961,885
Rockfish	74,526	1,328,998
Sardine	44,973	1,252,725
Petrale sole	31,103	265,841
Giant Pacific oyster	21,253	1,062,605
Salmon	16,275	23,776
Jack mackerel	12,331	681,277
Miscellaneous (animal food)	8,844	442,200
Rex sole	5,073	94,515
All other	21,949	268,723
Totals	\$564,232	7,595,043
<b>Santa Barbara</b>		
Abalone	\$181,359	1,198,997
Spiny lobster	60,785	89,548
English sole	31,325	473,187
California halibut	27,870	120,965
Petrale sole	26,917	230,058
Rockfish	23,461	502,000
Miscellaneous (animal food)	14,820	740,975
Salmon	11,929	17,981
White seabass	10,546	27,981
Rock crab	8,018	111,059
California barracuda	7,078	46,141
Shark	6,687	83,822
Rex sole	5,224	82,658
All other	4,557	61,919
Totals	\$420,576	3,787,291
<b>Port Hueneme</b>		
Jack mackerel	\$160,923	8,890,749
Pacific mackerel	86,038	4,860,904
Abalone	34,762	242,118
Sardine	33,120	922,549
Squid	21,694	1,954,400
Rockfish	5,051	64,126
All other	7,556	34,885
Totals	\$349,144	16,969,731
<b>Avila</b>		
Salmon	\$44,347	66,848
Petrale sole	16,907	136,812
Rockfish	6,630	125,513
Abalone	6,101	38,765
Rex sole	5,506	87,124
Dover sole	5,180	86,325
All other	15,952	257,219
Totals	\$99,723	798,606
<b>Ventura</b>		
Spiny lobster	\$18,750	27,622
All other	1,513	11,900
Totals	\$20,263	39,522
<b>Gaviota</b>		
Abalone	\$15,725	98,100
Totals	\$15,725	98,100
<b>All other ports</b>		
All other	\$5,285	34,441
Totals	\$5,285	34,441

TABLE 19  
Value of Landings by Port, Santa Barbara Area, 1962

**TABLE 20**  
**Value of Landings and Shipments by Port, Los Angeles Area, 1962**

	Value	Pounds*
<b>LOS ANGELES AREA TOTALS</b>	<b>\$54,165,442</b>	<b>462,988,856</b>
<b>Terminal Island</b>		
Yellowfin tuna.....	\$27,063,309	164,922,896
Albacore.....	9,165,810	49,973,869
Skipjack.....	9,157,481	71,507,563
Bluefin tuna.....	4,226,975	30,098,026
Jack mackerel.....	1,348,158	64,198,002
Pacific mackerel.....	714,674	32,240,636
Sardine.....	235,585	7,550,802
Bigeye tuna.....	72,842	503,051
Pacific bonito.....	31,625	1,109,656
Squid.....	14,885	1,055,679
Pismo clam.....	9,509	422,640
All other.....	2,074	18,624
Totals.....	\$52,042,927	424,601,144
<b>San Pedro</b>		
Yellowfin tuna.....	\$115,845	825,105
White seabass.....	104,282	339,350
Sardine.....	91,162	2,921,869
California barracuda.....	88,173	599,409
Spiny lobster.....	65,618	94,373
Giant sea bass.....	64,214	392,026
Jack mackerel.....	63,177	3,008,428
Pacific mackerel.....	62,901	2,925,640
Grouper.....	59,808	290,613
Rockfish.....	55,401	438,073
California halibut.....	46,714	187,080
Albacore.....	42,631	254,633
Yellowfin tuna.....	39,654	261,914
Anchovy.....	21,699	1,373,340
White croaker.....	18,315	576,688
Pacific bonito.....	14,253	500,122
Shark.....	13,512	110,796
California yellowtail.....	11,038	123,057
Squid.....	9,846	698,325
Pacific pompano.....	9,461	30,940
Salmon.....	6,025	11,263
Swordfish.....	5,567	10,598
All other.....	14,679	139,939
Totals.....	\$1,022,275	16,113,581
<b>Newport Beach</b>		
Abalone.....	\$123,887	1,054,514
Jack mackerel.....	80,269	3,822,310
Spiny lobster.....	38,461	55,316
Pacific mackerel.....	37,021	1,721,898
Shark.....	21,999	173,175
California halibut.....	19,331	77,416
Albacore.....	10,003	59,330
Swordfish.....	8,675	16,514
Wahoo.....	7,668	22,533
All other.....	4,467	86,785
Totals.....	\$351,781	7,089,791
<b>Wilmington</b>		
Jack mackerel.....	\$153,759	7,321,854
Pacific mackerel.....	121,204	5,776,907
Pacific bonito.....	10,250	359,664
All other.....	6,495	138,009
Totals.....	\$294,708	13,596,434
<b>Los Angeles</b>		
Salmon.....	\$170,202	207,735
Sablefish.....	28,759	134,449
All other.....	70,889	271,798
Totals.....	\$269,850	613,982

**TABLE 20**  
**Value of Landings and Shipments by Port, Los Angeles Area, 1962**

TABLE 20—Continued  
Value of Landings and Shipments by Port, Los Angeles Area, 1962

	Value	Pounds
<b>Long Beach</b>		
Bluefin tuna.....	\$33,291	237,116
Albacore.....	27,499	163,104
Spiny lobster.....	22,715	32,670
Rockfish.....	5,788	43,686
All other.....	4,967	136,838
Totals.....	\$94,260	613,414
<b>Santa Monica</b>		
Spiny lobster.....	\$13,217	19,008
California halibut.....	12,291	49,104
All other.....	17,431	139,261
Totals.....	\$42,909	207,373
<b>San Clemente</b>		
Spiny lobster.....	\$30,649	44,080
Totals.....	\$30,649	44,080
<b>Redondo Beach</b>		
Rock crab.....	\$5,707	52,649
All other.....	5,949	37,844
Totals.....	\$11,656	90,493
<b>All other ports</b>		
All other.....	\$4,427	18,264
Totals.....	\$4,427	18,264

TABLE 20  
Value of Landings and Shipments by Port, Los Angeles Area, 1962

**TABLE 21**  
**Value of Landings and Shipments by Port, San Diego Area, 1962**

	Value	Pounds
<b>SAN DIEGO AREA TOTALS.....</b>	<b>\$11,080,707</b>	<b>74,333,457</b>
<b>San Diego</b>		
Yellowfin tuna.....	\$4,804,072	31,605,109
Skipjack.....	3,521,076	27,139,692
Albacore.....	2,231,153	12,425,870
Bluefin tuna.....	163,255	1,254,997
Spiny lobster.....	69,416	103,528
California halibut.....	65,135	268,830
White seabass.....	47,384	163,475
Rockfish.....	41,721	56,509
Abalone.....	28,828	286,516
Shark.....	12,719	119,438
Sculpin.....	12,692	45,688
Giant sea bass.....	8,245	51,276
California barracuda.....	7,853	51,689
California yellowtail.....	5,131	65,402
Pacific bonito.....	5,103	132,085
All other.....	18,315	120,206
Totals.....	\$11,042,398	\$74,204,161
<b>La Jolla</b>		
Spiny lobster.....	\$22,742	33,918
All other.....	828	10,061
Totals.....	\$23,570	43,979
<b>Oceanside</b>		
Spiny lobster.....	\$3,088	4,606
All other.....	5,327	37,069
Totals.....	\$8,415	41,675
<b>All other ports</b>		
All other.....	\$6,324	43,642
Totals.....	\$6,324	43,642

**TABLE 21**  
**Value of Landings and Shipments by Port, San Diego Area, 1962**

**TABLE 22**  
**Statewide Commercial Partyboat Catch by Species**  
**(Not including anchored barges)**  
**1953-1962 \***

Species	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962
Barracuda, California	170,500	282,552	154,992	57,903	577,181	782,722	1,105,885	738,408	361,884	333,507
Bass, king and sand	711,400	876,665	497,343	470,562	699,171	653,671	1,228,426	478,656	613,604	789,140
Bonito, Pacific	6,321	70,078	22,409	61,404	258,555	122,568	776,386	1,199,919	849,426	798,725
Cabezon	3,000	1,300	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Halibut, California	34,290	39,674	53,802	21,691	10,705	16,192	25,365	48,310	108,011	118,966
Lamprey	13,011	22,940	29,113	37,410	38,012	39,801	31,206	28,222	23,466	25,399
Mackerel, jack	196,280	19,407	39,473	23,493	6,578	27,867	11,820	8,537	28,891	9,029
Mackerel, Pacific	61,467	315,037	151,018	121,136	151,518	150,607	150,602	79,375	111,911	118,475
Rockfish	69,675	1,120,761	1,250,751	2,050,720	1,800,751	1,560,632	1,177,922	1,011,923	898,611	856,438
Salmon	98,725	119,911	128,978	114,905	44,701	52,676	55,948	37,941	42,965	87,612
Sculpin	28,932	33,462	28,813	36,558	13,473	13,743	11,477	15,111	26,672	33,314
Seabass, white	27,603	41,588	30,103	19,755	19,630	34,039	10,963	15,997	11,707	14,142
Sheepshead, California	17,199	21,169	14,132	14,750	15,143	14,231	13,121	13,121	15,210	15,488
Damselfish, yellowtail	23,383	20,098	78,688	65,814	11,540	6,482	39	76,075	181,891	229,314
Tuna, bluefin	4,276	996	8,179	34,187	6,428	884	1,350	37	2,268	2,455
Whitefish, ocean	4,983	9,852	9,508	7,051	4,389	6,143	5,908	5,850	6,617	6,157
Yellowtail, California	27,702	40,872	36,188	29,188	21,088	12,834	45,824	25,490	47,909	21,503
All others	147,733	177,535	99,051	62,927	50,148	44,939	28,069	56,132	87,981	92,775
Total number of fish	2,260,156	3,274,537	3,113,883	3,262,995	3,499,585	3,950,880	4,328,875	4,090,034	3,453,833	3,655,993
Number of angler days*	502,116	532,190	496,286	523,063	506,175	515,152	557,154	516,255	495,805	593,916
Number of anglers								637,488		595,866

\* See Fish Bulletin #121 for historical records 1936-1961.

† Not available after 1961.

**TABLE 22**  
**Statewide Commercial Partyboat Catch by Species (Not including anchored barges) 1953-1962**

**TABLE 23**  
**Recorded Catch of Live Bait for Saltwater Sportfishing, 1962**

Species	Thousands of pounds*
Anchovy	12,333
Sardine, adult	20
Sardine, juvenile	17
Miscellaneous†	67
Total pounds	12,437

\* Using a conversion factor of 12.5 pounds per live bait scoop, weights are estimated from voluntary records submitted by 20 boats. The weight of a scoop of live bait varies between 10 and 15 pounds. The records represent almost all the live bait landings, however, they should be regarded as minimal.

† Consists primarily of queenfish and white croaker.

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**TABLE 23**  
**Recorded Catch of Live Bait for Saltwater Sportfishing, 1962**