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FISH BULLETIN No. 108
The Marine Fish Catch of California For the Years 1957 and 1958



BY
THE BIOSTATISTICAL SECTION MARINE RESOURCES OPERATIONS
1960



FIGURE 1

FIGURE 1

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FOREWORD

Catch bulletins provide records of fishery landings and their value to the fishermen during one or more years. This bulletin covering 1957 and 1958 is the 18th of a series reporting the commercial fish catch of California. Prior records have been published regularly in this form beginning with the 1926 and 1927 landings. The statistical system and methods were fully described in Fish Bulletin 86, catch bulletin for 1950.

California's commercial fishery records system contains enumeration of the catch based on receipts completed by the dealer at the time he receives fish. Numerous fishery biologists, wardens and clerical personnel make every effort to insure that the basic catch record reported from the field is complete. Published figures are of national and international interest to fisheries biologists, legislators, chambers of commerce, members of the fishing industry, educators and other individuals.

We are continuously striving to make catch statistics more meaningful and usable and with this in mind many tables have been rearranged in this bulletin. For these table arrangements we are indebted to John Fitch.

January 1960

1. EXPLANATION OF TABLES

The following tables summarize in various ways the final 1957 and 1958 records of fish, mollusks and crustaceans landed in California by the commercial fleet. Records of fish imported or shipped into California are placed in two categories, those received for processing and those destined for sale in a fresh state. A complete record is maintained on all fish received for processing. However, the laws are not as stringent for reporting fish shipped into the State and destined for fresh sales; as a result records for these are incomplete.

We cannot always determine if the fish are sold cleaned or in the round, thus this bulletin reflects the summarized poundage as reported. Exceptions are made for some varieties of shellfish reported by count or cleaned weight. For these, conversion factors have been determined by sampling the products at the delivery points. Currently, these factors are:

Abalone, red	50 lbs. per doz.
Abalone, pink	35 lbs. per doz.
Abalone, southern green	35 lbs. per doz.
Clams, Mexican Pismo	8 lbs. round wt. per 1 lb. cleaned wt.
Clams, Washington	7 lbs. per doz.
Crab, market	2 lbs. each
Oyster, eastern	30 lbs. per hundred oysters
Oyster, giant Pacific	50 lbs. per hundred oysters

Value for each variety is based on the price reported on the fish receipts. When the amount paid is not specified, an estimate is made using the average price for that particular variety and statistical area (Figure 1).

In some cases, separation is not made by the dealer because of economic reasons or his inability to distinguish varieties. These are reported collectively in groups of similar fishes (Table 1).

In September 1957 gill net fishing was prohibited in the Sacramento River upstream from the Carquinez Strait, composing much of Statistical Area 3. This legislative closure eliminated the river net fisheries for salmon and shad. Inasmuch as the two fisheries comprised more than 80 percent of the total value of all Area 3 fisheries in 1955 and 1956 it was decided to combine the remaining catch for Area 3 with Area 4 in 1958 tables. Enough salmon and shad were taken in 1957 (Table 10) to justify separation of Area 3.

The trend in total landings is shown in Table 2 and Figure 2 for the years 1916–1958. The pounds and value for 1957 and 1958 are compared in Table 3. The number of licensed fishermen and fishing boats are given in Table 4 and Table 5.

Detail poundages by species and areas for 1957 are included in Tables 6–15, and for 1958 in Tables 24–32. Value figures for 1957 are given in Tables 16–23, and for 1958 in Tables 33–39. The catch of the most important fish taken by party boat sportfishermen is given in Table 40 for the years 1949–1958. The live bait catch for 1954–1958 is included in Table 41.

TABLE 1
Common and Scientific Names of Fishes, Crustaceans, and Mollusks in the
1957 and 1958 Commercial Catch

Common name	Scientific name	Common name	Scientific name
FISHES			
Anchovy.....	<i>Engraulis mordax</i>	Seabass, white.....	<i>Cynoscion nobilis</i>
Barracuda, California.....	<i>Sphyræna argentea</i>	Seatrou, greenling.....	<i>Hexagrammos decagrammus</i>
Bonito.....	<i>Sarda chilensis</i>	Shad.....	<i>Alosa sapidissima</i>
Cabezon.....	<i>Scorpaenichthys marmoratus</i>	Shark.....	
Cabrilla.....	<i>Epinephelus analogus</i>	Basking.....	<i>Cetorhinus maximus</i>
Carp.....	<i>Cyprinus carpio</i>	Bonito.....	<i>Isurus glaucus</i>
Croaker, white.....	<i>Genyonemus lineatus</i>	Dogfish.....	<i>Squalus acanthias</i>
Small amounts of		Leopard.....	<i>Triakis semifasciata</i>
queenfish.....	<i>Seriophus politus</i>	Souppin.....	<i>Galeorhinus geyseri</i>
Dolphinfish.....	<i>Coryphaena hippurus</i>	Thresher.....	<i>Alopius vulpinus</i>
Eel.....		Varying amounts of	
California moray.....	<i>Gymnothorax mordax</i>	others.....	
Monkeyface-eel.....	<i>Cebitichthys violaceus</i>	Sheep-head.....	<i>Pinelomelodon pulchrum</i>
Rock-eel.....	<i>Xiphister mucosus</i>	Sierra.....	<i>Scomberomorus sierra</i>
Flounder.....		Skate.....	
Starry flounder.....	<i>Platichthys stellatus</i>	Big.....	<i>Raja binoculata</i>
Small amounts of		California.....	<i>Raja inornata</i>
other flatfishes.....		Longnose.....	<i>Raja rhina</i>
Flyingfish.....	<i>Cypselurus californicus</i>	Smelt.....	
Grouper.....	<i>Mycteroperca species</i>	Grunion.....	<i>Leuresthes tenuis</i>
Hake.....	<i>Merluccius productus</i>	Jacksmelt.....	<i>Atherinopsis californiensis</i>
Halfmoon.....	<i>Medialuna californiensis</i>	Surf.....	<i>Hypomesus pretiosus</i>
Halibut, arrowtooth.....	<i>Atheresthes stomias</i>	Topsmelt.....	<i>Atherinops affinis</i>
Halibut, California.....	<i>Paralichthys californicus</i>	Sole.....	
Halibut, Pacific.....	<i>Hippoglossus stenolepis</i>	Dover.....	<i>Microstomus pacificus</i>
Hardhead.....		English.....	<i>Parophrys vetulus</i>
Sacramento black-		Petrale.....	<i>Eopsetta jordani</i>
fish.....	<i>Orthodon microlepidotus</i>	Rex.....	<i>Glyptocephalus zachirus</i>
Hardhead.....	<i>Mylopharodon conocephalus</i>	Sand.....	<i>Psettichthys melanostictus</i>
Herring, Pacific.....	<i>Clupea pallasi</i>	Varying amounts	
Lingcod.....	<i>Ophiodon elongatus</i>	of others.....	
Mackerel, jack.....	<i>Trachurus symmetricus</i>	Splittail.....	<i>Pogonichthys macrolepidotus</i>
Mackerel, Pacific.....	<i>Pneumatophorus diego</i>	Sturgeon.....	<i>Acipenser species</i>
Opaleye.....	<i>Girella nigricans</i>	Swordfish.....	<i>Xiphus gladius</i>
Pereh.....	Members of family <i>Embiotocidae</i>	Tuay.....	
Pompano, California.....	<i>Palometa similima</i>	Albacore.....	<i>Thunnus germon</i>
Ratfish.....	<i>Hydrolagus collicii</i>	Bigeye.....	<i>Parathunnus sibi</i>
Rockbass.....	<i>Paralabrax clathratus</i>	Bluefin.....	<i>Thunnus saliens</i>
Kelp bass.....	<i>Paralabrax nebulifer</i>	Skipjack.....	<i>Katsuwonus pelamis</i>
Sand bass.....		Yellowfin.....	<i>Neothunnus macropterus</i>
Rockfish.....	All species of <i>Sebastes</i> and	Turbot.....	
	<i>Sebastes</i>	Curlfin.....	<i>Pleuronichthys decurrens</i>
Sablefish.....	<i>Anoplopoma fimbria</i>	Diamond.....	<i>Hypsopsetta guttulata</i>
Salmon.....		Hornvhead.....	<i>Pleuronichthys verticalis</i>
King.....	<i>Oncorhynchus tshawytscha</i>	Small amounts of	
Silver.....	<i>Oncorhynchus kisutch</i>	others.....	
Sanddab.....	<i>Citharichthys sordidus</i>	Wahoo.....	<i>Acanthocybium solandri</i>
Sardine.....	<i>Sardinops caerulea</i>	Whitebait.....	<i>Allosmerus elongatus</i>
Sargo, California.....	<i>Anisotremus davidsoni</i>		<i>Spirinchus starksii</i>
Sculpin.....	<i>Scorpaena guttata</i>		Young of several others
Sculpin, staghorn.....	<i>Leptocottus armatus</i>	Whitefish, ocean.....	<i>Caulolatilus princeps</i>
Sea bass, black.....	<i>Stereolepis gigas</i>	Yellowtail.....	<i>Seriola dorsalis</i>
CRUSTACEANS			
Crab.....	<i>Cancer magister</i>	Prawn.....	<i>Pandalus platyceros</i>
Crab, rock.....	<i>Cancer productus</i>	Shrimp, bay.....	<i>Crangon franciscorum</i>
	<i>Cancer antennarius</i>		<i>Crangon nigricauda</i>
	<i>Cancer anthonyi</i>	Shrimp, ocean.....	<i>Pandalus jordani</i>
Lobster, spiny.....	<i>Panulirus interruptus</i>	Small amounts of	
		others.....	
MOLLUSKS			
Abalone.....		Octopus.....	<i>Paroctopus apollyon</i>
Pink.....	<i>Haliotis corrugata</i>	Oyster.....	
Red.....	<i>Haliotis rufescens</i>	Eastern.....	<i>Crassostrea virginica</i>
Southern green.....	<i>Haliotis fulgens</i>	Giant Pacific.....	<i>Crassostrea gigas</i>
White.....	<i>Haliotis sorenseni</i>	Kumamoto.....	<i>Crassostrea gigas</i> var.
Clam.....		Native.....	<i>Ortrea lurida</i>
Gaper.....	<i>Schizothaerus nuttalli</i>	Snail, sea.....	<i>Palinurus species</i>
Jackknife.....	<i>Tegulus californianus</i>		<i>Kellettia kellettii</i>
Pismo.....	<i>Tivela stultorum</i>	Squid.....	<i>Loligo opalescens</i>
Washington.....	<i>Saxidomus nuttalli</i>		

TABLE 1
Common and Scientific Names of Fishes, Crustaceans, and Mollusks in the 1957 and 1958 Commercial Catch

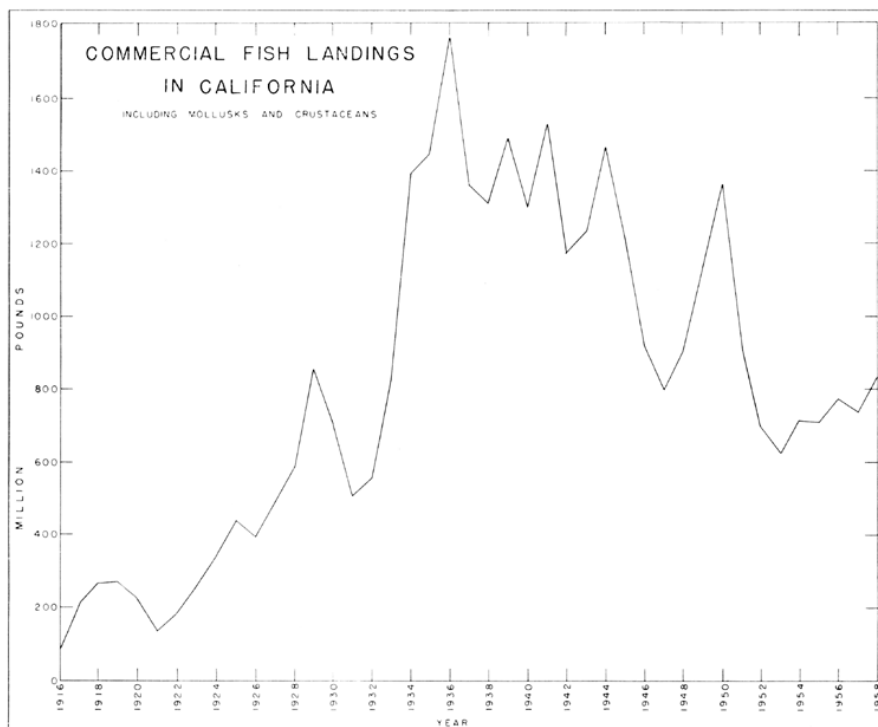


FIGURE 2. Total annual landings and shipments into California. Includes sardine deliveries to reduction ships 1930-38. See Table 2.

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		
1935.....	1,448,017		
1936.....	1,764,900		
1937.....	1,362,984		
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 and Value

1957				1958			
Species	Thousands of Pounds	Rank	Thousands of Dollars	Species	Thousands of Pounds	Rank	Thousands of Dollars
Yellowfin tuna.....	192,042	1	\$75,813	Yellowfin tuna.....	219,673	1	\$29,718
Striped bass.....	111,436	2	12,814	Sardine.....	207,449	2	5,539
Albacore.....	85,099	3	12,561	Pacific mackerel.....	148,188	3	17,014
Jack mackerel.....	82,013	4	1,031	Albacore.....	84,673	4	9,346
Pacific mackerel.....	67,044	5	1,230	Bonito tuna.....	31,309	5	4,067
Bardine.....	45,862	6	1,787	Pacific mackerel.....	27,618	6	672
Anchovy.....	40,848	7	807	Jack mackerel.....	22,966	7	311
Burfin tuna.....	20,618	8	2,149	Rockfish.....	17,842	8	794
Cod.....	19,118	9	1,649	Cod.....	17,282	9	2,961
Rockfish.....	16,091	10	683	Anchovy.....	11,603	10	150
Squid.....	12,449	11	298	Giant Pacific oyster.....	9,599	11	225
Giant Pacific oyster.....	11,998	12	251	Deer sole.....	5,663	12	421
Deer sole.....	7,932	13	389	Squid.....	7,487	13	149
Salmon.....	5,614	14	1,815	Bonito.....	5,558	14	217
Abalone.....	5,422	15	867	Bonito tuna.....	5,392	15	736
English sole.....	4,820	16	317	English sole.....	5,150	16	318
Petrale sole.....	3,437	17	345	Abalone.....	4,224	17	422
Pink shrimp.....	3,198	18	76	Salmon.....	4,122	18	1,079
Sablefish.....	2,468	19	192	Petrale sole.....	3,156	19	331
Lingcod.....	1,640	20	129	White mullet.....	2,550	20	299
All others.....	17,632		2,026	All others.....	21,313		1,207
Totals.....	730,550		\$65,067	Totals.....	832,919		\$77,550

DEPARTMENT OF FISH AND GAME

TABLE 3
Landings and Shipments of Leading Species Ranked by Pounds and Value

TABLE 4
Licensed Commercial Fishermen

Area of residence	Number of fishermen by season ¹	
	1957-1958	1958-1959
Eureka.....	1,057	922
Sacramento.....	331	115
San Francisco.....	1,281	1,069
Monterey.....	896	777
Santa Barbara.....	571	535
Los Angeles.....	2,530	2,517
San Diego.....	2,278	2,122
Alaska, Washington and Oregon fishermen licensed in California.....	625	486
Mexican nationals licensed in California.....	15	16
Other.....	11	11
Totals.....	9,595	8,570

¹ The season is from April 1 to March 31.

TABLE 4
Licensed Commercial Fishermen

TABLE 5
Number of Fishing Boats by Length

Season ¹	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
1957-1958.....	813	1,983	1,124	150	69	116	4,255 ²
1958-1959.....	731	1,729	1,060	147	59	113	3,839 ³

¹ The season is from April 1 to March 31.

² The owners of 647 of these boats were issued fishing party licenses.

³ The owners of 586 of these boats were issued fishing party licenses.

TABLE 5
Number of Fishing Boats by Length

TABLE 6
Origin of Shipments of Fresh Fish Into California During 1957

Shipped from: Species	Pounds shipped to each area				Total pounds
	San Francisco	Santa Barbara	Los Angeles	San Diego	
Continental United States:					
Miscellaneous fish.....	----	----	166,225	----	166,225
Oregon, Washington, Canada and Alaska:					
Sablefish.....	12,927	----	255,613	----	268,540
Salmon.....	800	----	174,320	----	175,120
Sturgeon.....	----	----	17,139	----	17,139
Miscellaneous fish.....	----	----	80,795	----	80,795
Mexico and Central America:					
Barracuda, California.....	----	----	547	----	547
Sea bass, black.....	----	----	28,660	----	28,660
Sierra.....	----	----	733	----	733
Tuna, bluefin.....	----	----	1,200	321,824	323,024
Tuna, skipjack.....	----	----	705	----	705
Tuna, yellowfin.....	----	----	61,680	----	61,680
Yellowtail.....	----	----	7,022	----	7,022
Miscellaneous fish.....	----	----	302	----	302
Crustacean:					
Shrimp, unclassified.....	----	5,310	----	----	5,310
Mollusk:					
Clam, Pismo.....	----	286,400	2,821,320	----	3,107,720
South America:					
Tuna, albacore.....	----	----	329,261	----	329,261
Tuna, skipjack.....	----	----	16,048,616	4,792,807	20,841,423
Tuna, yellowfin.....	----	----	2,812,584	2,182,080	4,994,664
Japan:					
Tuna, albacore.....	6,136,802	2,970	31,298,713	1,796,281	39,234,766
Tuna, bigeye.....	329,325	----	497,638	511	827,474
Tuna, skipjack.....	----	----	46,462	----	46,462
Tuna, yellowfin.....	8,191,674	160,000	30,547,194	1,078,182	39,977,050
Miscellaneous fish.....	----	----	183	----	183
China: (Formosa)					
Tuna, yellowfin.....	----	----	52,404	----	52,404
Total pounds.....	14,671,528	454,680	85,249,316	10,171,685	110,547,269

TABLE 6
Origin of Shipments of Fresh Fish Into California During 1957

TABLE 7
Origin of Commercial Fish Landings and Shipments Into California During 1957

Species	Landings from				Shipments ¹	Grand total
	California waters	Waters north of State	Waters south of State	Total pounds		
Fish:						
Anchovy.....	40,547,526	----	----	40,547,526	----	40,547,526
Barracuda, California.....	387,143	----	295,523	682,666	547	683,213
Bonito.....	110,174	----	108,975	219,149	----	219,149
Cabazon.....	13,206	----	----	13,206	----	13,206
Cabrilla.....	----	----	81,023	81,023	----	81,023
Carp.....	533,126	----	----	533,126	----	533,126
Croaker, white.....	535,317	----	45	535,362	----	535,362
Dolphinfish.....	----	----	303	303	----	303
Flounder.....	503,552	909	----	504,461	----	504,461
Flyingfish.....	19,495	----	----	19,495	----	19,495
Grouper.....	----	----	247,688	247,688	----	247,688
Hake.....	1,130,978	19,018	----	1,149,996	----	1,149,996
Halibut.....	12,872	----	----	12,872	----	12,872
Halibut, arrowtooth.....	918,773	14,942	----	933,715	----	933,715
Halibut, California.....	332,984	----	41,231	376,815	----	376,815
Halibut, Pacific.....	26,206	----	----	26,206	----	26,206
Hardhead.....	44,595	----	----	44,595	----	44,595
Herring, Pacific.....	1,188,080	----	----	1,188,080	----	1,188,080
Lingcod.....	1,613,613	25,681	360	1,639,654	----	1,639,654
Mackerel, jack.....	82,011,785	----	----	82,011,785	----	82,011,785
Mackerel, Pacific.....	62,043,775	----	----	62,043,775	----	62,043,775
Opaleye.....	3,138	----	2,060	5,198	----	5,198
Perch.....	245,028	----	500	245,528	----	245,528
Pompano, California.....	76,750	----	----	76,750	----	76,750
Ratfish.....	11,595	----	----	11,595	----	11,595
Rock bass.....	----	----	2,826	2,826	----	2,826
Rockfish.....	15,912,382	100,928	77,969	16,091,279	----	16,091,279
Sablefish.....	2,132,185	67,597	----	2,199,782	208,540	2,408,322
Salmon.....	5,498,733	----	----	5,498,733	175,120	5,673,853
Sanddab.....	691,183	900	----	692,083	----	692,083
Sardine.....	45,861,931	----	175	45,862,106	----	45,862,106
Saury.....	117,850	----	----	117,850	----	117,850
Sculpin.....	73,268	----	----	73,268	----	73,268
Sculpin, staghorn.....	1,605	----	----	1,605	----	1,605
Sea bass, black.....	9,302	----	233,051	242,353	28,660	271,013
Seabass, white.....	1,361,955	----	245,140	1,507,095	----	1,507,095
SeatROUT, greenling.....	1,826	----	----	1,826	----	1,826
Shad.....	448,048	----	----	448,048	----	448,048
Shark.....	709,473	----	19,427	728,900	----	728,900
Sheep-head.....	10,970	----	63	11,033	----	11,033
Sierra.....	----	----	457	457	733	1,190
Skate.....	171,678	----	----	171,678	----	171,678
Smelt.....	371,472	----	----	371,472	----	371,472
Sole, Dover.....	6,950,691	981,446	----	7,932,137	----	7,932,137
Sole, English.....	4,779,198	40,674	----	4,819,872	----	4,819,872
Sole, petrale.....	3,267,741	188,992	----	3,456,733	----	3,456,733
Sole, rex.....	1,225,232	9,170	----	1,234,402	----	1,234,402
Sole, sand.....	56,061	----	----	56,061	----	56,061
Sole, miscellaneous.....	28,430	----	----	28,430	----	28,430
Splittail.....	377	----	----	377	----	377
Sturgeon.....	----	----	----	----	17,139	17,139
Swordfish.....	374,345	----	1,641	375,986	----	375,986
Tuna, albacore.....	22,613,429	----	20,911,816	43,525,245	39,564,027	83,089,272
Tuna, bigeye.....	----	----	443	443	827,474	827,917
Tuna, bluefin.....	10,462,564	----	9,851,982	20,314,546	323,024	20,637,570
Tuna, skipjack.....	353,455	----	90,194,258	90,547,713	20,888,590	111,436,303
Tuna, yellowfin.....	70,853	----	136,884,984	136,955,837	45,085,798	182,041,635
Turbot.....	96,055	----	----	96,055	----	96,055
Wahoo.....	----	----	23,477	23,477	----	23,477
Whitebait.....	243,600	----	----	243,600	----	243,600
Whitefish, ocean.....	304	----	530	834	----	834
Yellowtail.....	150,898	----	358,053	508,951	7,022	515,973
Miscellaneous fish.....	11,198	----	192	11,390	247,505	258,895

TABLE 7
Origin of Commercial Fish Landings and Shipments Into California During 1957

TABLE 7—Continued
Origin of Commercial Fish Landings and Shipments Into California During 1957

Species	Landings from				Shipments ¹	Grand total
	California waters	Waters north of State	Waters south of State	Total pounds		
Crustacean:						
Crab.....	19,118,484	-----	-----	19,118,484	-----	19,118,484
Crab, rock.....	151,131	-----	-----	151,131	-----	151,131
Lobster, spiny.....	647,281	-----	266	647,547	-----	647,547
Prawn.....	767	-----	-----	767	-----	767
Shrimp, bay.....	192,814	-----	-----	192,814	-----	192,814
Shrimp, ocean.....	1,373,829	2,812	-----	1,376,641	-----	1,376,641
Shrimp, unclassified.....	-----	-----	-----	-----	5,310	5,310
Mollusk:						
Abalone.....	5,421,914	-----	-----	5,421,914	-----	5,421,914
Clam, paper.....	300	-----	-----	300	-----	300
Clam, jackknife.....	12,358	-----	-----	12,358	-----	12,358
Clam, Pismo.....	-----	-----	-----	-----	3,107,720	3,107,720
Clam, Washington.....	3,599	-----	-----	3,599	-----	3,599
Octopus.....	30,920	-----	-----	30,920	-----	30,920
Oyster, eastern.....	119,834	-----	-----	119,834	-----	119,834
Oyster, giant Pacific.....	11,067,646	-----	-----	11,067,646	-----	11,067,646
Oyster, Kumamoto.....	16,840	-----	-----	16,840	-----	16,840
Oyster, native.....	87,369	-----	-----	87,369	-----	87,369
Sea snail.....	582	-----	-----	582	-----	582
Squid.....	12,449,121	-----	-----	12,449,121	-----	12,449,121
Miscellaneous mollusk.....	156	-----	-----	156	-----	156
Total pounds.....	366,962,548	1,453,069	259,587,558	628,003,175	110,547,209	738,550,384

¹ For origin of shipments refer to Table 6.

TABLE 7
Origin of Commercial Fish Landings and Shipments Into California During 1957

TABLE 8
Monthly Landings and Shipments Into California During 1957

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
LANDINGS:													
Fish:													
Anchovy.....	5,825,305	6,122,118	4,630,145	5,115,560	5,730,738	3,584,695	4,254,161	2,539,469	476,100	1,090,055	697,190	381,310	40,517,529
Barramunda, California.....	33,622	82,266	46,480	34,419	72,034	74,653	21,034	73,741	88,901	35,575	63,317	31,567	682,666
Bonito.....	17,058	9,300	14,311	24,775	3,809	1,769	4,379	856	22,321	12,203	27,795	79,814	219,119
Calappa.....	408	1,336	1,411	305	1,451	1,338	515	748	2,117	1,040	944	1,241	13,206
Calappa.....	11,315	16,205	10,965	.....	27,135	385	.....	.....	.....	.....	.....	14,607	81,023
Carp.....	68,570	64,755	48,508	70,041	43,791	13,034	30,574	31,348	19,487	55,100	51,700	39,955	533,136
Croaker, white.....	47,165	45,593	57,287	29,953	32,259	47,160	32,988	77,480	32,959	32,972	45,001	55,415	535,362
Delishadish.....	.....	186	.....	.....	993	117	.....	.....	.....	.....	.....	.....	301
Flounder.....	57,919	83,307	70,163	60,084	53,529	45,513	19,925	28,787	31,245	11,503	13,275	11,209	504,451
Flounder.....	.....	.....	.....	.....	.....	.....	4,713	4,438	1,239	.....	.....	.....	19,458
Grouper.....	49,619	52,237	19,202	110	13,555	18,205	6,250	.....	1,715	17,963	67,279	247,898	.....
Hake.....	24,453	61,553	31,659	67,601	201,808	199,351	137,330	180,088	101,991	99,830	8,962	34,701	1,119,991
Haddock.....	1,480	3,520	.....	3,303	180	290	.....	1,000	30	518	.....	.....	12,472
Halibut, arrowtooth.....	32,715	44,176	37,913	39,194	118,614	100,267	115,331	106,787	99,079	45,514	7,420	19,321	933,715
Halibut, California.....	37,110	32,638	69,996	45,338	26,742	6,882	37,276	33,095	13,307	21,085	17,969	29,808	576,815
Halibut, Pacific.....	.....	.....	.....	.....	.....	12,811	.....	5,482	1,364	.....	.....	.....	29,291
Hardhead.....	7,358	6,322	5,533	7,322	5,786	62	.....	49	.....	3,295	11,028	.....	4,730
Herring, Pacific.....	303,639	267,784	7,555	182,412	173,385	73,291	142,119	47,135	.....	.....	54	8,701	1,188,049
Langost.....	62,660	107,001	49,881	81,625	135,471	174,852	209,619	279,422	234,127	120,431	92,012	77,524	1,633,651
Mackerel, jack.....	16,473,444	17,943,723	8,729,330	4,607,255	2,989,277	4,646,776	1,683,639	3,270,014	2,934,854	9,711,172	9,350,030	246,383	82,011,743
Mackerel, Pacific.....	4,853,880	7,348,388	756,230	1,225,156	1,340,788	1,780,507	1,436,743	9,630,054	1,621,151	11,998,032	11,354,587	3,543,210	62,013,775
Opaleye.....	702	1,519	275	1,300	200	13	.....	.....	476	12	.....	.....	5,195
Perch.....	10,229	17,697	34,614	58,418	14	.....	27,569	41,700	16,164	11,980	10,965	11,290	215,625
Penaeus, California.....	987	6,524	9,700	9,997	5,012	4,107	7,999	7,112	3,004	14,922	5,825	5,137	75,739
Salmon.....	.....	.....	3,700	4,975	2,900	.....	.....	.....	.....	.....	100	.....	11,395
Rock bass.....	2,318	.....	.....	408	.....	.....	.....	.....	.....	.....	.....	.....	2,820
Rockfish.....	1,361,809	1,779,967	1,619,331	1,322,351	1,331,101	1,170,003	1,329,928	1,311,921	1,498,198	1,211,431	1,114,917	1,295,303	16,031,279
Sablefish.....	179,739	146,014	216,621	179,922	187,377	196,136	173,003	291,403	261,136	165,313	137,078	144,808	2,199,782
Salmon.....	6,497	2,058	337	120,527	1,150,533	2,307,435	399,802	978,903	844,324	844,324	63,274	29,637	5,495,731
Sardines.....	20,809	66,756	26,341	62,961	61,341	60,687	71,400	64,943	64,308	63,274	29,637	30,324	602,083
Sardine.....	1,454,174	419,880	39,888	214,483	419,195	355,554	270,238	474,545	11,614,031	12,631,192	13,195,291	4,770,464	45,802,195
Saupey.....	117,850	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	117,850
Seaper.....	1,212	426	.....	1,335	5,544	16,751	21,902	11,003	4,977	1,029	3,721	4,721	77,338
Seaper, staghorn.....	173	103	85	.....	.....	.....	.....	.....	80	303	583	210	1,605
Sea urchin, black.....	18,416	36,014	17,474	16,809	8,244	38,722	10,672	719	4,274	22,094	27,599	43,904	242,553

THE FARMER FISH CATCH OF CALIFORNIA

TABLE 8
Monthly Landings and Shipments Into California During 1957

TABLE 8—Continued
Monthly Landings and Shipments Into California During 1957

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Salmon, white.....	21,427	65,190	31,743	30,233	44,874	36,731	205,215	437,843	217,394	165,779	119,573	131,099	1,207,035
Sea trout, greenling.....	12	....	....	....	25	30	38	467	287	313	391	241	1,829
Shad.....	....	....	....	....	85,511	362,327	210	....	....	....	....	....	448,048
Shark.....	130,734	50,096	110,146	110,311	63,683	54,777	33,494	17,967	39,721	43,632	33,041	30,419	728,000
Sheep-head.....	1,001	649	23	292	....	265	257	27	340	1,417	4,421	2,341	11,033
Silvers.....	457	....	....	....	....	....	....	....	....	....	....	....	457
State.....	25,063	15,414	27,264	24,682	18,711	8,860	7,760	11,025	4,022	6,615	4,545	14,155	171,478
Snail.....	14,884	7,225	18,009	20,123	14,735	38,216	76,991	72,334	65,507	22,991	9,492	11,131	271,472
Sole, Dover.....	47,320	114,389	436,332	286,636	917,332	1,013,311	1,122,899	1,298,843	1,098,993	698,839	412,042	212,579	2,862,137
Sole, English.....	479,347	427,870	371,724	283,500	331,139	317,067	312,515	437,546	326,465	521,629	385,019	432,572	4,919,872
Sole, petrale.....	242,375	167,876	148,312	142,868	157,525	284,373	288,529	430,300	404,331	236,374	321,065	430,046	3,156,733
Sole, rock.....	155,538	119,140	102,549	100,352	106,927	77,901	72,779	110,661	111,550	93,333	82,318	111,204	1,234,402
Sole, sand.....	2,555	1,201	1,057	3,780	9,320	1,188	5,055	15,522	5,161	695	850	2,065	56,061
Sole, miscellaneous.....	2,452	2,905	874	2,092	770	194	6,647	9,059	472	181	483	6,811	25,430
Spratling.....	155	162	....	....	....	....	....	....	....	....	....	....	317
Swanfish.....	....	....	....	....	....	....	24,448	94,193	144,727	69,642	12,780	236	375,986
Tuna, albacore.....	429,120	38,705	11,005	370	....	511,769	9,442,501	10,657,667	12,971,541	7,043,428	1,839,270	327,749	43,523,245
Tuna, blue.....	116	250,047	5,552	....	36	1,514,860	7,651,655	8,702,222	1,414,532	335,600	67	....	20,514,646
Tuna, black.....	11,949,812	7,962,511	3,465,649	3,457,096	6,635,095	6,894,707	9,794,075	8,708,911	13,442,023	10,474,902	8,199,544	4,881,299	90,947,714
Tuna, yellowfin.....	10,043,328	10,182,953	13,725,763	18,412,921	19,898,093	18,373,219	10,308,886	6,491,900	9,296,440	8,087,507	5,411,398	6,821,100	136,565,827
Turbot.....	11,818	6,738	8,016	9,442	8,562	4,251	2,001	16,759	6,401	10,090	6,981	11,754	95,055
Wahoo.....	1,647	....	....	17,722	347	1,037	376	665	409	....	....	....	27,477
Whitefish.....	10,622	24,547	30,000	41,607	58,638	30,368	28,332	11,691	1,574	329	....	1,461	245,000
Whitefish, ocean.....	....	....	....	....	200	....	119	....	....	....	15	....	834
Yellowtail.....	31,150	83,677	94,563	60,140	47,904	86,157	1,332	4,600	38,540	33,384	11,917	11,697	309,581
Miscellaneous fish.....	....	50	8	492	441	556	290	49	4,383	80	4,575	442	11,390
Crustaceans:	....	....	....	....	....	....	....	....	....	....	....	....	....
Crab.....	2,878,702	2,963,791	2,970,553	2,746,681	1,079,115	1,100,388	....	....	....	....	1,789,279	2,787,975	19,118,484
Crab, rock.....	14,454	10,009	2,254	12,568	10,275	10,764	15,337	16,133	17,255	11,837	14,125	13,929	151,131
Leather, spiny.....	79,788	60,211	26,001	....	....	....	....	....	....	109,281	147,889	12,622	947,247
Prawn.....	193	31	30	28	....	....	13	56	....	87	108	26	267
Shrimp, bay.....	40,433	21,600	21,052	17,513	10,125	26,100	8,722	13,274	17,966	10,810	2,983	2,983	192,541
Shrimp, ocean.....	....	....	....	....	321,622	201,510	117,479	438,793	249,297	44,940	....	....	1,276,641

TABLE 8
Monthly Landings and Shipments Into California During 1957

TABLE 9
Monthly Landings of Commercial Fishing Boats in the Eureka Area During 1957

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
LANDINGS FROM:													
California waters:													
Fish:													
Anchorovy.....	.....	.....	.....	.....	.....	.....	.....	590	.....	.....	.....	.....	590
Cabazon.....	.....	.....	100	.....	.....	.....	.....	.....	.....	.....	.....	.....	100
Craker, white.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Flounder.....	8,701	17,459	5,483	6,647	21,319	9,063	9,565	12,755	32,716	5,031	2,031	5,227	132,957
Hake.....	31,273	54,783	30,715	40,061	171,888	139,354	107,133	160,788	92,848	95,330	6,387	31,263	978,903
Halibut, arrowtooth.....	32,485	43,581	54,342	50,356	144,932	145,205	109,727	150,354	95,029	44,889	7,200	19,326	898,108
Halibut, Pacific.....	.....	.....	.....	.....	5,796	12,811	1,763	8,492	1,264	.....	.....	.....	25,201
Herring, Pacific.....	19,672	8,300	.....	.....	.....	.....	.....	8,482	1,239	.....	.....	.....	25,201
Linecod.....	29,305	54,591	116,639	23,134	95,160	106,432	102,278	213,312	182,668	58,545	34,933	30,678	964,734
Mackerel, jack.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Porky.....	5,064	9,374	16,704	30,565	.....	.....	20,061	39,606	13,668	10,099	6,715	8,024	150,140
Rockfish.....	115,103	193,098	202,207	278,696	351,288	326,804	406,756	499,493	502,042	193,296	178,847	186,092	2,003,672
Sablefish.....	46,703	89,778	65,077	58,909	94,314	116,511	110,143	273,202	192,471	107,288	112,858	100,645	1,303,171
Salmon.....	.....	.....	.....	19,523	601,123	1,291,021	256,131	839,618	237,232	.....	.....	.....	3,234,111
Sandlsh.....	9,166	20,345	17,033	9,209	11,358	21,711	22,867	31,622	24,844	22,008	5,519	6,555	206,718
Shark.....	110	572	30	.....	.....	.....	.....	.....	1,724	1,752	2,939	2,884	9,981
Skate.....	.....	.....	.....	.....	2,827	.....	.....	.....	.....	.....	.....	.....	2,827
South.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sub, Dwarf.....	43,572	108,180	92,927	125,095	729,077	811,905	975,319	1,251,478	1,056,449	662,671	388,094	168,314	6,083,288
Sub, English.....	180,035	227,629	157,572	106,053	197,000	193,316	172,142	244,662	302,815	233,175	184,232	238,596	2,430,621
Sub, petrale.....	186,883	94,614	74,794	89,077	172,455	149,093	131,406	238,000	280,185	116,407	175,231	216,740	1,900,160
Sub, rex.....	48,040	48,191	39,114	44,631	76,606	61,392	65,120	95,000	85,982	31,256	39,615	31,095	701,214
Sub, sand.....	134	1,090	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,229
Sub, subarctic.....	134	1,710	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,229
Tuna, albacore.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tuna, bluefin.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Turbot.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Whitelut.....	808	338	5,126	900	333	.....	.....	.....	.....	.....	.....	.....	85
Miscellaneous fish.....	1,063	8,329	12,124	27,111	35,960	22,836	20,372	3,880	1,011	50	.....	.....	1,180
	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7,759
	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	135,156
	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9,614

DEPARTMENT OF FISH AND GAME

TABLE 9
Monthly Landings of Commercial Fishing Boats in the Eureka Area During 1957

[illegible]

TABLE 9—Cont'd.

TABLE 10
Monthly Landings of Commercial Fishing Boats in the Sacramento Area During 1957

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
LANDINGS FROM:													
California waters:													
Fish:													
Carp.....	66,500	64,725	48,568	70,041	43,791	13,534	20,574	34,348	19,487	58,490	81,700	38,954	855,120
Flounder.....	.....	.....	.....	1,093	.....	.....	.....	.....	.....	.....	.....	.....	1,093
Hardhead.....	7,338	6,322	8,332	1,777	1,421	62	.....	48	.....	3,295	11,628	4,750	44,805
Salmon.....	4,957	2,008	337	191	22,155	1,094	.....	26,939	256,557	.....	.....	.....	321,824
Shyft.....	.....	.....	.....	82,311	262,327	210	.....	.....	.....	.....	.....	.....	445,045
Splittail.....	183	102	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	277
Grand total.....	80,682	73,297	57,376	166,639	429,732	11,291	21,574	41,332	276,044	61,788	62,728	43,704	1,949,659

TABLE 10
Monthly Landings of Commercial Fishing Boats in the Sacramento Area During 1957

TABLE 11 Monthly Landings and Shipments of Commercial Fish Into the San Francisco Area During 1957														Total pounds
Species	January	February	March	April	May	June	July	August	September	October	November	December		
LANDINGS FROM: California Waters: Fish:														
Anchovy.....	.....	.....	.....	.....	.....	.....	1,425	2,650	6,600	.....	.....	.....	10,135	
Cabern.....	.....	.....	250	.....	.....	.....	.....	.....	.....	.....	.....	.....	298	
Crab, white.....	121	210	.....	.....	350	85	.....	1,111	62	128	.....	.....	1,373	
Flounder.....	29,676	56,255	62,639	57,515	30,738	36,920	.....	15,448	5,306	7,285	7,808	7,146	321,762	
Hake.....	.....	.....	.....	3,905	1,000	.....	.....	2,400	.....	1,900	.....	775	10,370	
Hallbut, arrowtooth.....	770	565	805	1,124	3,712	4,999	5,614	1,637	1,600	655	220	.....	20,565	
Hallbut, California.....	5,517	3,610	1,000	317	762	191	536	61	380	676	391	2,684	11,310	
Herring, Pacific.....	27,923	289,511	1,635	140	.....	.....	.....	.....	.....	.....	54	.....	347,208	
Lingcod.....	10,112	16,213	21,779	20,582	27,588	34,264	48,442	19,321	27,641	44,851	19,023	10,126	319,231	
Markere, jack.....	.....	1,300	.....	.....	.....	.....	205	2,905	.....	.....	.....	.....	4,210	
Perch.....	928	3,310	9,802	13,888	.....	.....	7,056	2,560	1,418	7,181	7,585	896	40,635	
Rockfish.....	44,038	305,127	112,128	221,321	78,541	10,555	80,626	38,398	108,812	20,146	27,967	44,819	2,817,936	
Salmon.....	30,852	58,556	129,398	75,711	29,678	17,392	25,520	5,614	11,860	30,362	12,429	14,455	3,099,561	
Sardine.....	31,553	27,053	40,170	20,980	15,611	21,236	29,627	19,562	20,025	31,090	19,699	16,155	321,128	
Sculpin, starhorn.....	175	105	55	55	.....	.....	.....	80	300	585	210	1,603	54,400	
Seaham, white.....	.....	.....	.....	.....	.....	.....	21	7,061	1,130	22	.....	.....	2,237	
Seatout, greenling.....	.....	.....	.....	.....	.....	.....	68	.....	.....	.....	.....	.....	195	
Shark.....	6,095	4,923	1,455	603	511	1,009	3,755	7,546	11,118	8,212	7,665	3,335	54,400	
Shark.....	5,660	7,069	17,222	19,163	13,709	5,409	7,549	9,709	1,000	8,365	6,000	11,000	115,090	
Squid.....	3,720	4,870	11,731	11,571	10,382	12,963	20,060	21,700	24,290	18,171	294	719	139,615	
Sole, Dover.....	10	10,550	20,533	130,510	71,182	21,653	7,740	16,618	11,119	21,613	7,561	22,810	331,321	
Sole, English.....	190,617	126,114	137,551	107,487	109,660	83,478	67,565	129,009	137,435	205,405	126,731	161,828	1,621,611	
Sole, petrale.....	11,295	10,461	60,687	11,725	26,408	61,183	67,630	26,115	31,879	60,655	89,868	68,462	687,159	
Sole, rex.....	69,715	49,965	43,323	30,591	23,145	8,546	8,993	9,740	20,840	32,942	31,135	39,293	306,770	
Sole, sand.....	2,760	2,993	2,000	3,003	9,718	1,090	5,555	13,335	4,675	695	850	2,430	50,166	
Sole, miscellaneous.....	130	.....	.....	.....	133	8	4,155	.....	.....	.....	.....	.....	1,486	
Tuna, albacore.....	10,113	6,683	2,713	7,115	6,716	2,530	2,200	45,219	231,325	829,101	827,396	9,721	2,463,293	
Turbot.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	71,402	
Whitefish.....	10,950	4,519	13,944	11,741	15,096	4,788	5,351	822	623	61	.....	279	71,917	
Miscellaneous fish.....	.....	.....	.....	100	.....	.....	.....	15	35	80	229	2	602	

TABLE 11
Monthly Landings and Shipments of Commercial Fish Into the San Francisco Area During 1957

TABLE 11—Continued
Monthly Landings and Shipments of Commercial Fish Into the San Francisco Area During 1957

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Crustacean:													
Crab	3,157,446	1,365,145	449,815	165,594	141,737	2,417	—	—	—	—	1,746,561	2,800,697	9,556,912
Shrimp, bay	40,453	21,000	21,053	17,513	10,125	26,100	8,722	13,374	17,566	10,810	2,363	2,983	192,814
Shrimp, ocean	—	—	—	—	257,121	151,781	70,626	—	—	—	—	—	480,529
Mollusk:													
Challenger	—	—	1,890	950	2,750	3,225	3,075	1,425	1,825	650	935	550	17,335
Octopus	814	367	328	681	600	321	900	44	292	999	422	156	6,162
Oyster, eastern	10,200	12,000	11,127	7,283	10,917	9,374	9,432	10,100	11,979	7,000	9,314	10,349	119,534
Oyster, Jack Pacific	75,061	42,910	16,343	16,926	14,302	16,441	12,893	18,665	18,642	22,477	50,371	32,939	392,561
Oyster, Klamath	165	—	300	—	—	—	—	—	—	—	—	—	471
Oyster, native	95	213	305	879	932	1,127	728	1,031	428	821	1,325	880	8,071
Miscellaneous mollusk	22	51	—	84	—	14	63	—	—	—	—	—	186
Total pounds	3,471,967	2,470,534	1,700,922	1,063,077	1,170,245	1,445,791	594,435	507,290	1,297,817	1,644,732	3,294,073	3,419,969	22,601,112
Waters South of State:													
Fish:													
Tuna, skipjack	—	54,918	—	—	—	—	—	—	—	—	—	—	54,918
Tuna, yellowfin	—	648,194	—	—	—	—	—	—	—	—	—	—	648,194
Total pounds	—	703,110	—	—	—	—	—	—	—	—	—	—	703,110
SHIPMENTS:													
Fish:													
Salmon	3,006	7,801	600	—	—	—	—	—	—	—	—	—	11,407
Sablefish	—	200	—	—	—	—	—	—	—	—	—	—	200
Salmon	1,122,447	875,787	777,940	394,710	116,900	392,794	697,805	463,680	203,316	496,124	295,306	469,332	6,136,862
Tuna, bigeye	—	—	—	—	—	—	101,903	152,370	9,740	20,170	—	—	283,213
Tuna, yellowfin	106,314	266,424	746,144	1,131,222	1,000,542	850,661	1,049,262	646,944	563,126	240,630	303,962	822,231	8,191,674
Total pounds	1,525,867	847,192	1,524,684	1,515,932	1,166,637	1,243,457	1,849,025	1,262,914	778,151	710,928	664,098	1,314,618	14,671,268
Grand total	4,997,834	4,081,158	3,225,606	2,609,009	2,336,902	2,689,248	2,432,460	1,790,203	2,068,969	2,355,679	3,958,171	4,784,616	37,495,790

¹ For origin of shipments refer to Table 6.

DEPARTMENT OF FISH AND GAME

TABLE 11
Monthly Landings and Shipments of Commercial Fish Into the San Francisco Area During 1957

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
LANDINGS FROM:													
California waters:													
PAY:													
Anchor.....	11,600	46,568	19,850	27,120	300,810	106,600	62,744	551,829	5,200	....	3,500	....	1,485,821
Bonito.....	....	....	....	....	....	....	....	....	....	180	....	....	180
Calicos.....	318	1,411	1,655	347	1,217	1,216	653	371	1,327	818	333	643	10,416
Croaker, white.....	4,855	1,760	1,166	2,375	5,847	34,418	23,808	12,792	21,627	14,498	12,221	5,657	141,301
Flounder.....	19,542	7,533	2,108	1,460	1,357	150	223	1,825	1,263	290	3,219	5,902	45,733
Hake.....	1,190	9,790	8,470	18,065	28,180	23,120	29,330	13,400	6,210	2,900	4,275	2,665	149,805
Hake, California.....	7,092	2,294	802	22	172	181	2,135	1,448	2,448	107	792	1,723	19,291
Herring, Pacific.....	42	3,300	162,012	173,300	73,201	127,657	45,905	....	....	....	....	....	867,792
Lingcod.....	14,407	21,077	4,813	10,380	18,010	16,840	10,944	10,701	18,884	13,329	20,898	12,291	212,556
Mackerel, jack.....	10,855	....	7,330	34,607	11,471	10,171	310,629	302,118	425,293	1,183,365	9,730	2,738	3,319,417
Mackerel, Pacific.....	....	....	....	....	....	....	302	330	470	380	....	....	1,560
Perch.....	1,913	747	2,752	20,542	14	134	4,256	925	34	227	270	506	32,157
Pompano, California.....	....	....	....	865	332	1,893	3,272	3,741	839	95	....	....	12,490
Ratfish.....	....	....	....	3,720	4,875	2,900	....	....	....	....	....	....	11,595
Rockfish.....	503,394	475,962	209,000	410,520	295,271	473,837	690,115	447,119	458,515	427,539	327,065	299,298	5,671,248
Sablefish.....	50,025	26,781	63,231	15,060	43,071	43,964	35,330	12,679	58,779	25,857	10,915	15,337	279,555
Salmon.....	....	....	....	32,178	168,062	151,511	52,007	22,819	4,008	....	....	....	431,215
Sardine.....	5,281	16,069	17,879	20,371	12,336	12,685	18,970	11,919	7,398	6,970	2,429	6,927	140,151
Swan, white.....	....	....	....	....	....	2,014	17,453	7,005	....	....	....	....	33,072
Swan, white.....	....	....	....	....	....	20	88	1,420	3,181	88,951	68,186	30,625	5,127
Seabird, greenling.....	....	....	....	....	25	....	....	....	43	110	75	28	281
Shark.....	101,351	6,779	60,917	61,802	4,323	977	4,614	1,027	4,801	1,790	1,921	2,011	279,516
Skate.....	16,813	6,956	3,936	4,820	1,600	460	260	1,776	1,022	1,059	1,645	6,133	46,322
Steelhead.....	8,147	1,604	1,296	200	1,716	17,211	21,073	13,588	14,567	7,728	6,302	1,993	96,056
Sole, Dover.....	....	....	....	2,565	170	5,646	630	....	....	1,253	....	....	10,301
Sole, English.....	40,190	48,311	47,714	48,529	37,581	31,050	64,737	37,565	39,017	40,982	11,702	20,028	498,446
Sole, petrale.....	3,344	8,748	9,089	13,017	12,458	17,271	21,966	16,282	17,067	21,817	8,364	6,174	157,704
Sole, rex.....	7,333	12,805	7,816	11,742	2,017	4,450	2,950	3,241	1,875	3,960	1,710	3,566	64,252
Sole, sand.....	....	....	....	....	....	....	....	....	....	....	....	....	....
Sole, smoothmouth.....	2,415	85	271	698	516	45	514	6,505	317	116	300	3,111	16,996
Sturgeon.....	....	....	....	....	....	....	....	....	....	....	....	....	....
Tuna, albacore.....	....	....	....	....	....	....	....	....	....	....	....	....	....
Tuna, albacore.....	....	....	....	....	....	....	....	....	....	....	....	....	....
Turbot.....	....	....	....	....	....	....	....	....	....	....	....	....	....
Whitefish.....	4,710	11,399	2,660	165	4,682	3,344	629	6,883	1,311	263			36,633
Miscellaneous fish.....													85

THE MARINE FISH CATCH OF CALIFORNIA

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TABLE 12
Monthly Landings of Commercial Fishing Boats in the Monterey Area During 1957

TABLE 12—Continued
Monthly Landings of Commercial Fishing Boats in the Monterey Area During 1957

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Crustacean:													
Crab.....	12,543	12,119	10,356	7,200	3,489	80	---	---	---	---	21,232	26,784	93,792
Prawn.....	193	31	39	15	---	---	13	36	36	82	198	78	787
Mollusk:													
Alachua.....	---	---	---	---	1,145	---	---	---	---	---	1,100	---	2,245
Cham, razor.....	49	1,336	127	811	381	30	30	---	---	---	100	60	390
Ostrea.....	4,635	1,336	127	811	381	2,517,233	902	596	532	661	1,108	973	12,064
Squid.....	---	797,410	266,639	120	2,564,195	4,571,401	1,604,235	178,995	---	---	7,329	---	11,956,341
Grand total.....	664,264	1,531,318	944,416	1,292,790	4,002,801	3,559,335	6,043,134	2,706,477	2,517,770	2,829,236	569,722	432,647	27,093,340

TABLE 12
Monthly Landings of Commercial Fishing Boats in the Monterey Area During 1957

TABLE 13
Monthly Landings and Shipments of Commercial Fish Into the Santa Barbara Area During 1957

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
LANDINGS FROM:													
California waters:													
Fish:													
Anchovy.....	.....	.....	.....	40,000	.....	.....	10,000	51,400	31,300	.....	.....	.....	135,000
Barramundi, California.....	.....	.....	.....	.....	.....	.....	.....	5,550	6,550	24,670	255	.....	36,810
Bonito.....	.....	.....	.....	.....	.....	.....	.....	.....	510	3,710	170	70	4,460
Cabotin.....	.....	.....	.....	.....	.....	.....	.....	.....	192	.....	.....	.....	192
Croaker, white.....	670	311	5,501	1,372	.....	.....	61	152	29	2,941	3,792	210	15,721
Flounder.....	.....	.....	1,933	190	15	80	263	105	.....	.....	187	771	3,480
Hallibut, California.....	9,249	7,821	10,628	13,941	12,736	2,837	12,222	10,282	1,030	9,485	9,373	13,678	118,228
Herring, Pacific.....	.....	30	.....	360	.....	.....	.....	.....	.....	.....	.....	.....	390
Langost.....	13,208	14,168	8,565	8,791	12,311	13,660	7,628	10,961	8,065	5,082	18,628	17,871	133,315
Mackerel, jack.....	3,972,000	4,340,340	1,072,800	1,271,282	675,500	374,400	941,180	205,630	2,141,511	6,281,273	757,910	21,800	21,693,282
Mackerel, Pacific.....	1,082,002	476,810	21,510	556,005	550,300	134,700	121,100	1,400,540	612,051	6,759,556	3,261,700	134,750	15,570,646
Perch.....	2,294	1,391	5,265	3,421	.....	.....	1,160	579	1,044	1,273	1,098	1,864	22,999
Pompano, California.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,000	.....	1,000
Rockfish.....	208,508	141,651	570,228	492,305	242,321	267,005	173,537	270,115	278,531	277,291	306,200	300,821	3,350,510
Sablefish.....	1,225	200	433	17,202	3,678	390	10	300	160	75	.....	.....	21,473
Salmon.....	.....	.....	.....	87,01	37,030	34,967	22,068	9,194	476	.....	.....	.....	112,510
Sardines.....	.....	.....	.....	872	1,428	46	283	723	917	.....	.....	.....	6,160
Seafish.....	830,188	20,820	30,650	.....	.....	.....	.....	.....	.....	.....	.....	.....	880,658
Sealions, white.....	1,737	4,190	2,002	371	250	121,305	170,745	101,570	11,531,281	10,274,461	717,039	543,150	23,963,710
Seatoot, greenling.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Shark.....	6,874	11,746	3,031	13,613	24,971	38,176	9,987	6,008	6,139	5,715	3,626	1,851	128,740
Shrimp.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Shrimp, head.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Shrimp, tail.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sole, Dover.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sole, English.....	28,605	21,137	29,983	14,535	14,251	5,790	6,635	15,331	35,736	18,066	18,330	37,236	235,617
Sole, petrale.....	38,496	53,662	43,721	29,555	64,608	44,846	35,211	60,140	63,210	31,625	29,911	38,511	518,174
Sole, rex.....	10,438	8,299	11,909	11,708	6,057	1,481	923	4,773	6,635	5,175	7,428	16,960	92,579
Sole, sand.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sole, wintergreen.....	70	38	312	18	33	37	113	49	107	32	183	.....	1,091
Swordfish.....	.....	.....	.....	.....	.....	.....	.....	11,840	26,404	19,125	.....	.....	57,478
Tuna, albacore.....	.....	.....	.....	.....	.....	.....	.....	21,718	18,030	783,078	332,063	92,191	1,233,223
Tuna, bluefin.....	.....	.....	.....	.....	.....	.....	.....	75,003	61,666	.....	.....	.....	200,779
Tuna, skipjack.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Turbot.....	449	287	1,872	728	1,044	35	.....	453	407	2,831	3,001	3,758	14,897

THE MARINE FISH CATCH OF CALIFORNIA

TABLE 13
Monthly Landings and Shipments of Commercial Fish Into the Santa Barbara Area During 1957

TABLE 13—Continued
Monthly Landings and Shipments of Commercial Fish Into the Santa Barbara Area During 1957

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Yellowtail.....	.....	.....	.....	62	.....	.....	.....	.....	.....	716	338	60	1,314
Miscellaneous fish.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	62
Crustacean:													
Crab.....	71,338	39,487	38,986	40,839	16,000	.....	.....	.....	.....	.....	21,466	32,364	390,772
Crab, rock.....	7,582	5,436	2,040	6,109	5,844	701	5,574	5,508	4,140	2,446	2,257	3,068	31,579
Libinia, spiny.....	24,963	31,624	11,069	.....	.....	.....	.....	.....	.....	8,973	11,167	12,788	100,568
Shrimp, ocean.....	.....	.....	.....	.....	.....	269	.....	.....	.....	.....	.....	.....	269
Mollusk:													
Adams.....	63,818	.....	122,061	207,304	260,815	247,693	273,306	332,696	362,721	265,690	362,028	248,830	2,746,633
Octopus.....	1,012	1,336	333	305	861	85	145	731	867	440	560	1,766	8,531
Oyster, giant Pacific.....	179,873	110,975	74,333	96,360	19,475	29,800	21,035	31,635	31,275	150,535	283,275	250,775	1,279,650
Squid.....	.....	.....	.....	.....	.....	.....	8,000	.....	.....	.....	.....	.....	8,000
Total pounds	6,959,234	5,695,126	1,882,707	2,812,630	1,656,600	1,321,634	1,686,006	2,864,568	15,631,649	24,501,020	3,971,430	1,686,315	72,174,929
Waters south of State													
Fish:													
Tuna, albacore.....	.....	.....	.....	.....	.....	.....	750	.....	.....	.....	.....	.....	750
Tuna, skipjack.....	.....	74,621	8,979	.....	.....	.....	.....	.....	.....	.....	.....	.....	79,500
Tuna, yellowfin.....	73,985	571,086	210,724	.....	.....	.....	.....	.....	.....	.....	.....	.....	857,795
Total pounds	73,985	645,707	214,600	.....	.....	.....	750	.....	.....	.....	.....	.....	937,045
SHIPMENTS:¹													
Fish:													
Tuna, albacore.....	.....	.....	.....	2,823	.....	.....	.....	.....	.....	888	340	.....	2,970
Tuna, yellowfin.....	160,000	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	160,000
Crustacean:													
Shrimp, unclassified.....	1,090	.....	.....	1,800	.....	440	550	110	110	440	330	440	5,310
Mollusk:													
Clam, Pismo.....	36,660	38,400	52,640	52,800	7,680	11,520	9,600	5,760	14,400	36,480	16,320	2,880	296,000
Total pounds	198,050	38,400	52,640	56,625	7,680	11,560	10,150	5,970	14,510	37,235	17,190	4,280	451,680
Grand total	7,231,269	6,181,333	2,149,950	2,869,555	1,664,280	1,333,694	1,996,906	2,870,438	15,646,159	24,541,045	3,988,620	1,690,595	72,566,553

¹ For origin of shipments refer to Table 6.

DEPARTMENT OF FISH AND GAME

TABLE 13
Monthly Landings and Shipments of Commercial Fish Into the Santa Barbara Area During 1957

TABLE 14
Monthly Landings and Shipments of Commercial Fish Into the Los Angeles Area During 1957

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
LANDINGS FROM:													
California waters:													
Fish:													
Anchorovy.....	5,815,735	6,075,750	4,610,295	4,680,950	5,117,145	3,578,005	4,179,595	1,985,210	433,240	1,060,065	663,080	381,310	38,881,007
Barramundi, California.....	225	---	---	---	17,571	58,504	6,750	13,572	10,792	21,028	10,219	4,696	190,123
Bonito.....	15,510	19	---	---	---	15	1,785	115	7,107	4,151	3,651	66,987	109,943
Cooker, white.....	45,091	43,296	49,016	24,819	26,093	12,512	8,496	61,157	7,582	15,868	20,590	65,156	307,794
Flying fish.....	---	---	---	983	8,072	4,743	4,438	1,239	---	---	---	---	19,485
Hallibut.....	1,140	3,630	5,305	3,105	369	---	---	1,000	30	518	---	---	12,872
Hallibut, California.....	6,532	9,744	12,605	7,514	3,352	1,140	---	1,665	522	859	103	---	47,608
Langcod.....	---	---	11	70	---	---	---	---	---	---	25	---	151
Mackerel, jack.....	12,400,489	13,400,033	7,648,840	3,348,429	2,301,388	4,262,551	609,809	2,677,511	398,385	2,244,852	8,542,390	222,383	58,194,571
Mackerel, Pacific.....	3,352,208	6,738,966	727,516	609,628	700,129	1,634,402	1,334,408	8,179,358	1,300,394	8,722,574	9,980,231	3,413,547	49,396,451
Opaleye.....	702	434	---	1,300	200	13	---	---	---	476	13	---	3,158
Pompano, California.....	867	8,824	8,700	8,102	1,660	2,821	2,031	3,309	2,565	11,827	4,828	4,117	63,224
Rockfish.....	41,935	45,011	42,596	45,401	46,491	41,785	51,859	20,046	37,572	33,811	31,271	4,197	507,353
Sablefish.....	22	38	---	40	---	---	---	---	---	---	---	---	160
Silverside.....	---	---	---	---	130	---	---	---	---	---	---	---	130
Sardine.....	1,901	2,767	522	2,129	1,453	1,999	1,508	730	356	90	30	272	13,767
Sardine.....	625,956	299,060	9,238	215,308	105,656	225,215	82,020	30,650	661,650	2,338,721	12,478,211	4,227,311	21,859,979
Squid.....	117,550	---	---	---	---	---	---	---	---	---	---	---	117,550
Squid.....	1,224	828	91	265	3,365	14,444	18,154	15,003	4,977	501	1,099	580	39,417
Sea bream, black.....	---	---	---	265	169	3,190	547	179	414	66	99	789	5,352
Seabass, white.....	13,871	16,111	5,824	15,820	29,610	28,009	125,190	281,230	46,827	25,984	30,352	41,074	601,611
Shark.....	2,158	2,669	4,720	9,190	7,718	9,018	4,119	4,320	5,165	3,976	4,190	---	64,446
Shrimp-head.....	93	47	23	179	265	134	27	7	---	---	---	---	119
Skate.....	---	---	---	292	580	---	---	---	---	---	---	---	1,696
Smelt.....	1,630	655	1,911	3,910	235	575	540	---	1,085	1,665	1,000	8,196	24,404
Sole, miscellaneous.....	---	172	108	81	42	84	35	19	---	---	---	---	691
Swordfish.....	---	---	---	---	---	21,040	55,500	47,353	60,317	4,738	---	---	190,754
Tuna, albacore.....	---	---	---	---	---	10,793	1,390,304	1,331,790	5,100,564	1,651,075	472,193	220,840	10,090,829
Tuna, bluefin.....	---	---	---	---	---	147,159	3,126,396	6,500,450	942,668	235,143	---	---	10,090,563
Tuna, skipjack.....	---	---	---	---	---	---	---	267,094	49,076	19,368	---	---	333,538
Tuna, yellowfin.....	---	---	---	---	---	---	---	69,490	---	---	---	---	69,490
Whitefish, ocean.....	---	---	---	---	170	---	---	---	---	---	---	---	209
Yellowtail.....	---	---	163	637	11,044	643	1,944	27,847	21,143	6,481	10,820	86,694	112,555
Miscellaneous fish.....	---	---	8	290	360	410	117	---	---	---	---	---	1,125

THE MARINE FISH CATCH OF CALIFORNIA

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TABLE 14
Monthly Landings and Shipments of Commercial Fish Into the Los Angeles Area During 1957

TABLE 14—Continued
Monthly Landings and Shipments of Commercial Fish Into the Los Angeles Area During 1957

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Crustacean:													
Crab, rock.....	5,964	3,966	4,316	6,378	6,631	10,000	9,663	10,223	13,115	6,251	8,004	9,655	94,028
Lotater, spiny.....	34,217	22,856	6,353	.....	.....	.....	.....	.....	.....	129,555	101,625	86,083	383,499
Mollusk:													
Albatross.....	70,882	.....	148,422	270,130	184,345	285,075	154,945	158,970	172,697	213,048	277,300	226,590	2,169,304
Octopus.....	.....	23	.....	20	.....	214	100	.....	.....	.....	.....	30	417
Sea snail.....	.....	.....	22	27	.....	.....	73	204	97	47	.....	43	392
Squid.....	77,115	86,020	27,650	17,735	.....	.....	144,750	62,200	950	.....	17,500	68,760	184,580
Total pounds.....	22,727,469	26,883,873	13,306,675	9,356,535	9,237,429	16,368,711	11,344,236	20,683,794	6,038,131	16,430,003	32,687,084	9,077,018	191,436,978
Waters south of State:													
Fish:													
Barramundi, California.....	34,999	85,323	66,440	6,005	31,772	125	210	21,274	4,414	7,600	16,800	.....	255,054
Bonito.....	2,160	2,270	273	.....	.....	26	2,844	279	.....	2,091	.....	.....	11,121
Calappa.....	11,313	16,205	10,715	.....	27,155	395	.....	.....	.....	14,607	.....	.....	107,712
Groupers.....	99,619	83,287	17,220	.....	13,855	18,209	6,250	.....	1,745	17,965	64,114	241,931	241,931
Halibut, California.....	.....	.....	.....	.....	3,560	.....	8,500	14,625	2,430	.....	.....	.....	20,415
Lingcod.....	160	.....	119	.....	.....	.....	90	.....	.....	.....	.....	.....	360
Opahs.....	.....	1,065	275	.....	.....	.....	.....	.....	.....	.....	.....	700	2,060
Perch.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	600	.....	.....	600
Rock bass.....	2,418	.....	.....	808	.....	.....	.....	.....	.....	.....	.....	2,920	2,920
Rockfish.....	10,922	39,983	4,430	.....	250	.....	5,317	.....	.....	.....	.....	.....	60,944
Sardine.....	.....	.....	175	.....	.....	.....	.....	.....	.....	.....	.....	.....	175
Sea bass, black.....	18,162	34,214	10,927	15,025	7,645	33,275	10,125	.....	92	20,515	18,834	30,890	218,317
Seabass, white.....	555	38,744	8,740	890	900	230	24,810	795	8,145	13,926	14,920	7,443	116,379
Shark.....	102	.....	65	47	723	60	1,425	.....	345	2,553	1,795	1,183	6,092
Shorthead.....	.....	.....	63	.....	.....	.....	.....	.....	.....	.....	.....	.....	63
Skipper:													
.....	437	.....	.....	.....	.....	110,616	997,416	2,010,762	448,885	27,022	.....	2,430	3,710,314
Tuna, albacore:													
.....	96,698	20,876	.....	.....	.....	952,513	3,769,617	3,071,099	280,000	.....	.....	.....	8,390,428
Tuna, bluefin:													
.....	.....	290,017	5,552	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tuna, skipjack:													
.....	6,525,163	3,800,782	1,730,125	2,220,141	1,777,737	3,077,514	1,966,867	6,473,193	6,450,010	3,665,060	3,316,388	2,807,841	46,878,017
Tuna, yellowfin:													
.....	8,294,910	8,132,202	7,798,840	12,507,578	11,855,664	11,869,067	8,936,814	8,690,879	4,026,091	3,478,924	3,118,724	4,983,909	82,931,602
Walrus:													
.....	19,624	61,387	63,902	9,744	.....	2,421	210	.....	.....	.....	.....	.....	14,563
Yellowtail:													
.....	.....	.....	.....	31	.....	77	.....	.....	.....	.....	.....	.....	111
Crustacean:													
Lotater, spiny.....	.....	83	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	83
Total pounds.....	12,066,343	9,577,000	9,649,766	15,221,982	13,719,381	16,024,706	18,790,471	17,308,477	12,128,109	7,231,770	6,506,219	8,008,211	113,099,168

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DEPARTMENT OF FISH AND GAME

TABLE 14
Monthly Landings and Shipments of Commercial Fish Into the Los Angeles Area During 1957

SHIPMENTS: ¹												
Fish:												
Barracuda, California.....	10,323	37,145	47,790	17,230	42,200	4,857	55,011	.....	.....	299	248	347
Salafish.....	.....	30,000	1,400	.....	.....	.....	35,000	75,000	.....	34,840	1,291	38,641
Silvers.....	.....	.....	.....	.....	.....	.....	28,660	.....	.....	.....	.....	171,333
Sea bass, black.....	.....	.....	.....	.....	.....	733	.....	.....	.....	.....	.....	28,660
Sturgeon.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	733
Tuna, albacore.....	.....	1,825	.....	.....	.....	.....	5,105	.....	.....	.....	.....	10,199
Tuna, bigeye.....	93,888	4,438,740	5,388,954	4,518,853	1,049,791	1,014,580	2,290,628	6,237,531	1,015,449	1,098,299	1,680,725	17,139
Tuna, bluefin.....	24,902	.....	72,618	.....	49,356	73,137	61,701	106,092	80,389	.....	.....	31,027,974
Tuna, skipjack.....	3,632,585	310,447	1,496,034	1,221,793	1,321,221	2,464,758	2,183,855	.....	896,183	1,446,363	635,292	892,638
Tuna, yellowfin.....	3,699,539	2,391,693	3,268,376	3,089,304	1,786,007	2,804,181	4,302,894	3,944,739	1,987,541	1,154,848	1,517,198	1,200
Yellowtail.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,238	5,795	10,093,783
Miscellaneous fish.....	45	102,343	5,073	335	820	1,901	9,813	10,400	66,210	31,305	8,306	2,007
Mollusks:	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	247,965
Clams, Pismo.....	107,530	83,760	107,750	97,200	.....	83,760	719,400	86,400	.....	1,355,700	95,700	84,000
Total pounds.....	7,515,224	7,395,907	10,389,083	9,344,933	4,232,943	6,147,685	10,002,202	10,452,072	3,955,776	5,125,949	3,944,895	6,723,637
Grand total.....	42,309,030	43,836,810	33,344,326	33,923,432	27,226,755	32,541,372	37,106,999	49,641,346	25,112,016	29,786,742	43,137,869	21,909,069

¹ For origin of shipments refer to Table 6.

THE MARINE FISH CATCH OF CALIFORNIA

TABLE 14—Cont'd.

TABLE 15
Monthly Landings and Shipments of Commercial Fish Into the San Diego Area During 1957

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
LANDINGS FROM:													
California waters:													
Fish:													
Anchovy.....	---	---	---	2,010	12,483	---	---	---	---	---	---	---	14,483
Barramunda, California.....	351	---	---	7,400	20,834	14,734	10,944	33,168	27,061	5,365	21,120	28,011	170,301
Bonito.....	---	---	935	---	65	43	10	145	1,255	318	1,020	35	4,642
Cabezon.....	---	13	---	---	---	---	---	---	---	173	196	---	369
Croaker, white.....	1,415	131	476	59	---	---	---	1,061	88	216	87	---	3,174
Hallibut, California.....	10,000	6,314	45,335	24,432	3,165	1,410	3,186	8,521	6,554	10,286	3,810	5,914	132,157
Lincoln.....	327	40	---	10	---	---	---	---	---	---	---	---	377
Macaroni, Pacific.....	21,190	13,213	6,381	411	335	315	2,873	6,796	1,214	15,532	3,656	922	73,176
Rockfish.....	7,207	7,455	3,962	4,213	11,418	8,037	3,383	3,099	2,439	3,234	8,903	8,093	70,724
Sablefish.....	---	---	---	---	---	49	---	---	---	---	---	---	49
Sardine.....	---	---	---	125	---	---	100	---	---	---	---	---	225
Sardine.....	---	---	---	13,430	1,720	---	---	---	---	---	---	---	15,150
Sculpin.....	---	48	323	1,323	278	1,717	5,778	---	---	---	---	---	11,521
Sea lamp, blue.....	314	62	37	33	330	---	---	898	606	760	940	---	3,080
Seabass, white.....	4,731	4,032	6,638	13,456	13,916	6,362	4,063	9,000	31,428	30,752	22,420	64,289	214,117
Shark.....	10,631	20,760	18,094	33,726	22,706	5,486	8,077	705	6,563	16,725	16,098	11,200	172,000
Shovelnose.....	871	327	---	30	---	---	94	---	325	1,400	4,353	2,174	9,550
Sole.....	---	---	126	10	---	---	---	---	---	---	---	---	136
Sole, miscellaneous.....	103	---	---	---	24	---	---	82	36	---	---	---	165
Swordfish.....	---	---	---	---	---	---	857	37,014	70,565	29,618	7,012	---	135,136
Tuna, albacore.....	5,030	---	6,068	---	---	7,969	518,490	164,726	1,434,663	1,719,411	274,162	210,714	4,338,744
Tuna, bluefin.....	---	---	---	---	---	---	12,719	31,506	116,359	87,454	39	---	231,188
Tuna, skipjack.....	---	---	---	---	---	---	---	---	977	8,136	3,161	6,075	429
Tuna, yellowfin.....	---	---	---	---	---	---	---	---	273	65	---	---	1,338
Whiteside, ocean.....	---	---	---	---	---	---	---	---	---	---	---	---	---
Miscellaneous fish.....	58	---	1,673	11,219	28,420	5,810	482	2,388	6,675	3,378	1,873	624	61,900
Crustacean:													
Crab, rock.....	898	678	28	---	---	---	---	---	---	2,040	801	1,076	5,521
Lobster, spiny.....	20,568	14,344	9,426	---	---	---	---	---	---	60,735	32,870	22,671	161,944
Mollusk:													
Clam, jackknife.....	6,337	---	32,822	37,617	53,828	50,760	59,693	56,297	41,785	14,633	51,913	40,990	486,505
Clam, jackknife.....	195	320	710	949	1,740	2,330	2,221	1,749	877	410	330	287	12,558
Total pounds.....	90,624	71,499	133,221	137,042	182,669	125,567	651,444	437,348	1,735,012	1,920,806	462,335	400,545	6,396,942

DEPARTMENT OF FISH AND GAME

TABLE 15
Monthly Landings and Shipments of Commercial Fish Into the San Diego Area During 1957

Waters south of State:													
Fish:													
Barramundi, California.....	255	2,043	15,611	21,911	1,547	.....	3,134	177	1,790	380	5,481	3,355	49,469
Bonito.....	258	8,591	28,281	24,775	3,825	1,255	.....	.....	12,850	919	20,554	13,166	97,404
Calappa.....	.....	.....	281	.....	.....	.....	.....	.....	.....	.....	.....	.....	281
Croaker, white.....	.....	.....	48	.....	.....	.....	.....	.....	.....	.....	.....	.....	48
Dolphinfish.....	.....	186	.....	.....	.....	117	.....	.....	.....	.....	.....	.....	.....
Groupers.....	.....	.....	1,982	110	.....	.....	.....	.....	.....	.....	.....	.....	303
Hallibut, California.....	.....	.....	214	.....	565	.....	8,217	2,890	.....	.....	2,020	3,665	.....
Rockfish.....	.....	1,017	150	353	.....	2,939	.....	.....	.....	.....	8,844	643	17,035
Sea bass, black.....	.....	1,004	6,484	1,182	696	267	.....	.....	2,805	905	1,281	2,610	17,734
Sea bass, white.....	.....	1,253	8,651	.....	88	.....	34,027	66,978	14,358	7,549	5,326	9,749	128,561
Shark.....	.....	245	891	.....	412	.....	807	245	3,823	2,637	945	2,606	11,315
Scorpaenid.....	.....	.....	.....	.....	.....	.....	1,611	.....	.....	.....	.....	.....	1,611
Tuna, albacore.....	327,662	37,829	5,027	.....	.....	282,272	6,505,000	7,121,991	2,779,442	378,542	65,742	76,166	17,290,742
Tuna, bigeye.....	.....	.....	.....	.....	.....	.....	.....	443	.....	.....	.....	.....	443
Tuna, bluefin.....	110	.....	.....	.....	.....	402,299	48,187	927,850	63,103	.....	.....	.....	1,471,354
Tuna, skipjack.....	5,355,647	4,002,212	1,731,805	1,987,665	2,558,148	3,557,191	4,797,208	2,017,237	6,038,225	6,787,711	1,831,491	1,928,978	43,152,800
Tuna, yellowfin.....	4,665,501	3,829,491	3,795,199	5,474,943	8,042,429	6,501,152	4,372,072	261,231	4,778,684	4,611,993	2,293,329	1,867,170	32,447,383
Walrus.....	6.02	.....	.....	.....	.....	347	3,893	.....	.....	.....	.....	.....	.....
Whitetail, scorpion.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8,854
Yellowtail.....	12,068	22,320	65,525	39,064	12,987	66,872	.....	17	328	4,318	801	2,555	650
Miscellaneous fish.....	.....	.....	.....	.....	.....	.....	81	.....	.....	.....	.....	1,119	209,674
Crustaceans:													
Crab, spiny.....	.....	.....	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	182
Total pounds.....	10,395,926	7,990,558	7,561,085	6,670,008	10,921,289	11,218,322	13,682,030	10,883,840	13,026,926	11,793,100	4,261,713	3,968,405	114,827,655
SHIPMENTS:													
Fish:													
Tuna, albacore.....	.....	.....	.....	122,560	149,563	.....	402,166	395,854	.....	19,730	705,800	.....	1,796,381
Tuna, bigeye.....	.....	.....	.....	.....	.....	.....	321,424	.....	.....	.....	.....	.....	321,424
Tuna, bluefin.....	.....	.....	.....	.....	.....	.....	338,466	132,447	1,091,593	337,410	12,014	1,360,455	.....
Tuna, skipjack.....	363,455	.....	.....	1,093,272	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tuna, yellowfin.....	1,275,060	.....	.....	171,051	190,834	149,401	72,476	232,743	405,855	.....	711,878	121,601	3,390,262
Total pounds.....	1,639,516	.....	.....	1,386,182	250,699	508,270	948,913	1,240,577	751,665	32,648	2,778,133	122,112	10,171,685
Grand total.....	12,170,066	7,977,927	7,694,356	8,216,232	11,354,637	11,852,099	17,283,287	13,058,795	16,143,603	13,746,557	7,502,101	4,440,062	131,396,562

¹ For origin of shipments refer to Table 6.

TABLE 15—Cont'd.

TABLE 16

[illegible]

Value of Landings and Shipments of Commercial Fish Into California by Area, 1957

TABLE 16—Continued
Value of Landings and Shipments of Commercial Fish Into California Area, 1957

Species	Eureka	Sacramento	San Francisco	Monterey	Santa Barbara	Los Angeles	San Diego	Total
Shark.....	9,981	---	54,400	279,816	128,740	72,538	183,425	728,900
Sheep-head.....	\$141	---	\$4,635	\$8,105	\$16,777	\$7,840	\$15,533	\$53,331
Sierra.....	---	---	---	---	259	874	9,800	11,033
Skate.....	3,037	---	---	---	---	---	---	---
Smelt.....	108,303	---	139,615	96,050	3,001	24,401	102	371,472
Sole, Dover.....	\$6,437	---	\$13,942	\$6,492	\$169	\$1,120	\$5	\$28,165
Sole, English.....	7,386,834	---	534,324	10,301	678	---	---	7,932,137
Sole, petrale.....	\$365,525	---	\$23,225	\$370	\$34	---	---	\$389,154
Sole, rex.....	2,471,299	---	1,624,511	498,446	225,617	---	---	4,819,872
Sole, sand.....	\$169,495	---	\$98,234	\$34,243	\$14,733	---	---	\$316,705
Splittail.....	2,098,101	---	682,259	157,795	518,578	---	---	3,456,733
Swordtail.....	\$211,765	---	\$65,725	\$15,716	\$51,702	---	---	\$344,908
Tuna, albacore.....	710,494	---	366,770	64,262	92,876	---	---	1,234,402
Tuna, bigeye.....	\$10,851	---	\$19,712	\$3,238	\$5,182	---	---	\$68,983
Tuna, bluefin.....	4,729	---	60,166	495	671	---	---	\$6,061
Tuna, skipjack.....	\$451	---	\$4,570	\$36	\$67	---	---	\$5,124
Tuna, yellowfin.....	4,967	---	4,456	16,996	1,054	601	356	26,430
Turbot.....	\$183	---	\$230	\$1,496	\$86	\$76	\$17	\$2,118
Wahoo.....	---	377	---	---	---	---	---	377
Whitebait.....	---	\$132	---	---	---	---	---	\$132
Whitefish, ocean.....	---	---	---	997	57,478	180,734	136,777	375,986
Yellowtail.....	---	---	---	\$401	\$21,198	\$81,656	\$52,577	\$155,832
Miscellaneous fish.....	2,333,328	---	2,465,283	2,121,882	1,254,073	13,791,153	21,559,526	43,525,245
Crab.....	\$291,967	---	\$357,959	\$262,265	\$161,776	\$2,031,437	\$3,175,719	\$6,280,823
Crab, rock.....	---	---	---	---	---	---	---	---
Lobster, spiny.....	---	---	---	---	---	---	---	---
Prawn.....	---	---	---	---	---	---	---	---
Shrimp, bay.....	---	---	---	---	---	---	---	---
Shrimp, ocean.....	---	---	---	---	---	---	---	---
Mollusk.....	---	---	---	---	---	---	---	---
Abalone.....	---	---	---	---	---	---	---	---
Clam, gaper.....	---	---	---	---	---	---	---	---
Clam, jackknife.....	---	---	---	---	---	---	---	---
Clam, Washington.....	---	---	---	---	---	---	---	---
Octopus.....	---	---	---	---	---	---	---	---
Oyster, eastern.....	---	---	---	---	---	---	---	---
Oyster, giant Pacific.....	---	---	---	---	---	---	---	---
Crustacean:								
Crab.....	10,204,008	---	8,559,912	93,792	260,772	---	---	19,118,484
Crab, rock.....	\$855,095	---	\$744,688	\$10,936	\$29,154	---	---	\$1,639,873
Lobster, spiny.....	---	---	---	---	51,579	94,028	5,524	151,131
Prawn.....	---	---	---	---	\$1,677	\$8,049	\$139	\$9,865
Shrimp, bay.....	---	---	---	---	100,598	385,582	161,367	647,547
Shrimp, ocean.....	---	---	---	---	\$52,934	\$234,183	\$90,300	\$377,397
Mollusk:								
Abalone.....	---	---	---	---	---	---	---	---
Clam, gaper.....	---	---	---	---	---	---	---	---
Clam, jackknife.....	---	---	---	---	---	---	---	---
Clam, Washington.....	---	---	---	---	---	---	---	---
Octopus.....	---	---	---	---	---	---	---	---
Oyster, eastern.....	---	---	---	---	---	---	---	---
Oyster, giant Pacific.....	---	---	---	---	---	---	---	---
Crustacean:								
Crab.....	---	---	---	---	---	---	---	---
Crab, rock.....	---	---	---	---	---	---	---	---
Lobster, spiny.....	---	---	---	---	---	---	---	---
Prawn.....	---	---	---	---	---	---	---	---
Shrimp, bay.....	---	---	---	---	---	---	---	---
Shrimp, ocean.....	---	---	---	---	---	---	---	---
Mollusk:								
Abalone.....	---	---	---	---	---	---	---	---
Clam, gaper.....	---	---	---	---	---	---	---	---
Clam, jackknife.....	---	---	---	---	---	---	---	---
Clam, Washington.....	---	---	---	---	---	---	---	---
Octopus.....	---	---	---	---	---	---	---	---
Oyster, eastern.....	---	---	---	---	---	---	---	---
Oyster, giant Pacific.....	---	---	---	---	---	---	---	---
Crustacean:								
Crab.....	---	---	---	---	---	---	---	---
Crab, rock.....	---	---	---	---	---	---	---	---
Lobster, spiny.....	---	---	---	---	---	---	---	---
Prawn.....	---	---	---	---	---	---	---	---
Shrimp, bay.....	---	---	---	---	---	---	---	---
Shrimp, ocean.....	---	---	---	---	---	---	---	---
Mollusk:								
Abalone.....	---	---	---	---	---	---	---	---
Clam, gaper.....	---	---	---	---	---	---	---	---
Clam, jackknife.....	---	---	---	---	---	---	---	---
Clam, Washington.....	---	---	---	---	---	---	---	---
Octopus.....	---	---	---	---	---	---	---	---
Oyster, eastern.....	---	---	---	---	---	---	---	---
Oyster, giant Pacific.....	---	---	---	---	---	---	---	---

TABLE 16
Value of Landings and Shipments of Commercial Fish Into California by Area, 1957

TABLE 16—Continued
Value of Landings and Shipments of Commercial Fish Into California Area, 1957

Species	Eureka	Sacramento	San Francisco	Monterey	Santa Barbara	Los Angeles	San Diego	Total
Oyster, Kumamoto.....	16,366	-----	474	-----	-----	-----	-----	16,840
Oyster, native.....	\$164	-----	\$119	-----	-----	-----	-----	\$283
Sea snail.....	78,746	-----	8,623	-----	-----	-----	-----	87,369
Squid.....	\$787	-----	\$2,261	-----	-----	-----	-----	\$3,048
Miscellaneous mollusk.....	-----	-----	-----	-----	-----	582	-----	582
-----	-----	-----	-----	-----	-----	\$11	-----	\$11
-----	-----	-----	-----	11,956,541	8,000	484,580	-----	12,449,121
-----	-----	-----	-----	\$197,282	\$120	\$10,273	-----	\$207,675
-----	-----	-----	156	-----	-----	-----	-----	156
-----	-----	-----	\$39	-----	-----	-----	-----	\$39
Total pounds.....	47,850,358	1,349,059	22,824,222	27,093,340	73,111,673	334,549,446	121,224,877	628,003,175
Total value.....	\$3,722,348	\$172,246	\$2,217,408	\$1,154,017	\$2,766,671	\$24,779,748	\$15,494,636	\$50,307,104
SHIPMENTS:¹								
Fish:								
Barracuda, California.....	-----	-----	-----	-----	-----	547	-----	547
-----	-----	-----	-----	-----	-----	\$75	-----	\$75
Sablefish.....	-----	-----	12,927	-----	-----	255,613	-----	268,540
-----	-----	-----	\$2,327	-----	-----	\$44,349	-----	\$46,676
Salmon.....	-----	-----	800	-----	-----	174,320	-----	175,120
-----	-----	-----	\$360	-----	-----	\$82,588	-----	\$82,948
Sea bass, black.....	-----	-----	-----	-----	-----	28,660	-----	28,660
-----	-----	-----	-----	-----	-----	\$4,300	-----	\$4,300
Sierra.....	-----	-----	-----	-----	-----	733	-----	733
-----	-----	-----	-----	-----	-----	\$73	-----	\$73
Sturgeon.....	-----	-----	-----	-----	-----	17,139	-----	17,139
-----	-----	-----	-----	-----	-----	\$10,331	-----	\$10,331
Tuna, albacore.....	-----	-----	6,136,802	-----	2,970	31,627,974	1,796,281	39,564,027
-----	-----	-----	\$913,770	-----	\$1,277	\$5,107,918	\$257,587	\$6,280,552
Tuna, bigeye.....	-----	-----	329,325	-----	-----	497,638	511	827,474
-----	-----	-----	\$31,714	-----	-----	\$56,880	\$73	\$88,667
Tuna, bluefin.....	-----	-----	-----	-----	-----	1,200	321,824	323,024
-----	-----	-----	-----	-----	-----	\$120	\$32,182	\$32,302
Tuna, skipjack.....	-----	-----	-----	-----	-----	16,095,783	4,792,807	20,888,590
-----	-----	-----	-----	-----	-----	\$1,078,790	\$877,084	\$2,555,874
Tuna, yellowfin.....	-----	-----	8,191,674	-----	160,000	33,473,862	3,260,262	45,085,796
-----	-----	-----	\$1,037,855	-----	\$28,240	\$3,930,526	\$452,524	\$5,455,175
Yellowtail.....	-----	-----	-----	-----	-----	7,022	-----	7,022
-----	-----	-----	-----	-----	-----	\$515	-----	\$515
Miscellaneous fish.....	-----	-----	-----	-----	-----	247,505	-----	247,505
-----	-----	-----	-----	-----	-----	\$69,094	-----	\$69,094
Crustacean:								
Shrimp, unclassified.....	-----	-----	-----	-----	5,310	-----	-----	5,310
-----	-----	-----	-----	-----	\$2,961	-----	-----	\$2,961
Mollusk:								
Clam, Pismo.....	-----	-----	-----	-----	286,400	2,821,320	-----	3,107,720
-----	-----	-----	-----	-----	\$6,902	\$63,480	-----	\$70,382
Total pounds.....	-----	-----	14,671,528	-----	454,680	85,249,316	10,171,685	110,547,209
Total value.....	-----	-----	\$1,986,056	-----	\$39,380	\$11,055,039	\$1,619,450	\$14,699,925
GRAND TOTAL POUNDS...	47,850,358	1,349,059	37,495,750	27,093,340	73,566,553	419,798,762	131,396,562	738,550,384
GRAND TOTAL VALUE...	\$3,722,348	\$172,246	\$4,203,464	\$1,154,017	\$2,806,051	\$35,834,787	\$17,114,086	\$65,007,029

¹ For origin of shipments refer to Table 6.

TABLE 16—Cont'd.

TABLE 17
Value of Landings by Port,
Eureka Area, 1957

	Value	Pounds
EUREKA AREA TOTALS	\$3,722,348	47,850,358
Eureka		
Salmon	\$347,107	1,045,642
Crab	241,908	2,886,730
Albacore	228,998	1,831,983
Giant Pacific oyster	188,003	9,400,135
Dover sole	123,980	2,504,642
English sole	67,235	980,095
Petrale sole	54,027	535,447
Rockfish	37,940	1,017,630
Sablefish	26,903	310,657
Perch	17,613	123,800
Rex sole	14,192	246,822
Lingcod	11,562	161,707
Sanddab	8,100	140,139
All other	18,480	359,487
Totals	\$1,386,048	21,544,316
Fort Bragg		
Salmon	\$417,916	1,264,098
Dover sole	104,149	2,106,514
Sablefish	81,161	938,345
Petrale sole	78,635	778,681
English sole	54,243	791,249
Rockfish	49,078	1,436,438
Lingcod	41,140	580,392
Albacore	21,618	172,945
Ocean shrimp	19,452	224,621
Rex sole	13,678	237,919
Crab	8,256	98,515
Arrowtooth halibut	5,303	262,919
All other	10,581	288,273
Totals	\$905,210	9,180,909
Crescent City		
Crab	\$168,765	5,593,890
Salmon	305,611	939,256
Ocean shrimp	60,730	701,266
Albacore	40,668	325,340
All other	14,396	188,581
Totals	\$890,170	7,748,303
Fields Landing		
Dover sole	\$137,020	2,768,083
Petrale sole	78,340	776,412
Crab	65,864	785,971
Rockfish	47,411	1,318,555
English sole	46,842	682,823
Hake	14,610	834,881
Arrowtooth halibut	13,133	650,131
Rex sole	12,794	222,508
Lingcod	12,549	175,504
Sablefish	10,077	116,367
All other	5,422	78,983
Totals	\$444,062	8,410,218
Trinidad		
Crab	\$69,845	833,475
Salmon	9,981	34,912
All other	254	2,386
Totals	\$80,080	870,773
Point Arena		
Salmon	\$12,054	36,068
All other	482	5,810
Totals	\$12,536	41,878
All other ports		
All other	\$4,242	53,961
Totals	\$4,242	53,961

TABLE 17
Value of Landings by Port, Eureka Area, 1957

TABLE 18
Value of Landings by Port,
Sacramento Area, 1957

	Value	Pounds
SACRAMENTO AREA TOTALS	\$172,246	1,349,059
Pittsburg		
Salmon.....	\$59,320	192,599
Shad.....	25,707	340,000
All other.....	24	508
Totals.....	\$85,051	533,107
Clear Lake		
Carp.....	\$18,402	393,210
Hardhead.....	9,387	31,062
Totals.....	\$27,789	424,272
Martinez		
Salmon.....	\$12,628	40,999
Shad.....	6,959	84,586
All other.....	37	1,089
Totals.....	\$19,624	126,674
Sacramento		
Salmon.....	\$11,351	36,854
All other.....	3,182	13,709
Totals.....	\$14,533	50,563
Benicia		
Salmon.....	\$7,257	23,562
All other.....	1,899	24,229
Totals.....	\$9,156	47,791
Port Costa		
Salmon.....	\$8,565	27,810
Totals.....	\$8,565	27,810
All other ports		
Carp.....	\$6,309	134,809
Hardhead.....	1,219	4,033
Totals.....	\$7,528	138,842

TABLE 18
Value of Landings by Port, Sacramento Area, 1957

TABLE 19
Value of Landings and Shipments by Port,
San Francisco Area, 1957

	Value	Pounds
SAN FRANCISCO AREA TOTALS.....	\$4,203,464	37,495,750
San Francisco		
Albacore.....	\$1,229,981	8,314,566
Yellowfin tuna.....	1,125,067	8,839,868
Crab.....	410,340	4,716,801
Salmon.....	130,356	386,430
Rockfish.....	85,681	2,051,952
English sole.....	51,746	856,423
Petrale sole.....	39,865	412,624
Bigeye tuna.....	31,714	329,325
Dover sole.....	21,182	486,547
Rex sole.....	12,639	235,489
Sablefish.....	12,635	368,106
Lingcod.....	10,314	155,531
Skipjack.....	9,757	84,916
Sanddab.....	9,528	180,155
Bay shrimp.....	8,426	78,670
Flounder.....	7,326	152,699
Smelt.....	5,618	61,649
All other.....	19,899	458,205
Totals.....	\$3,222,044	28,169,986
Eodega Bay		
Crab.....	\$154,032	1,770,487
Salmon.....	94,339	279,855
Ocean shrimp.....	34,768	426,079
English sole.....	32,688	540,300
Petrale sole.....	8,634	89,469
Rockfish.....	8,599	198,208
Whitebait.....	6,571	50,316
All other.....	25,417	452,718
Totals.....	\$365,048	3,807,432
Point Reyes (Drakes Bay)		
Salmon.....	\$163,089	483,801
Crab.....	62,905	723,072
Giant Pacific oyster.....	24,799	257,256
Rockfish.....	21,989	567,291
Petrale sole.....	17,226	180,166
English sole.....	13,800	227,788
Lingcod.....	5,586	84,382
All other.....	16,705	349,879
Totals.....	\$326,099	2,873,635
Sausalito		
Crab.....	\$45,650	524,715
Salmon.....	29,534	88,501
Albacore.....	24,266	167,122
All other.....	62	2,047
Totals.....	\$99,812	782,385
Oakland		
Crab.....	\$34,109	392,062
Salmon.....	21,371	63,660
Albacore.....	17,095	117,735
All other.....	13	167
Totals.....	\$72,588	573,624
Tomales Bay (Marshall)		
Eastern oyster.....	\$32,067	119,834
Giant Pacific oyster.....	12,590	130,605
All other.....	12,555	419,385
Totals.....	\$57,212	669,824

TABLE 19
Value of Landings and Shipments by Port, San Francisco Area, 1957

TABLE 19
Value of Landings and Shipments by Port,
San Francisco Area, 1957

	Value	Pounds
Princeton		
Crab.....	\$37,522	431,285
All other.....	9,913	64,843
Totals.....	\$47,435	496,128
Richmond		
Bay shrimp.....	\$11,801	110,184
All other.....	979	8,401
Totals.....	\$12,780	118,585
All other ports		
All other.....	\$446	4,151
Totals.....	\$446	4,151

TABLE 19
Value of Landings and Shipments by Port, San Francisco Area, 1957

TABLE 20
Value of Landings by Port,
Monterey Area, 1957

	Value	Pounds
MONTEREY AREA TOTALS.....	\$1,154,047	27,093,340
Monterey		
Rockfish.....	\$232,408	5,253,296
Squid.....	176,014	10,667,535
Albacore.....	109,754	887,978
Salmon.....	36,204	101,810
English sole.....	29,103	423,631
White seabass.....	27,955	192,928
Jack mackerel.....	25,545	1,013,696
Anchovy.....	16,279	1,085,250
Lingcod.....	13,924	158,948
Petrale sole.....	12,168	122,172
Sablefish.....	6,846	195,607
Sanddab.....	5,622	98,466
All other.....	27,690	510,275
Totals.....	\$719,512	20,711,592
Moss Landing		
Albacore.....	\$137,515	1,112,580
Salmon.....	62,496	176,031
Jack mackerel.....	30,574	1,213,252
Squid.....	21,011	1,273,400
Pacific herring.....	19,710	428,472
Crab.....	7,601	65,192
Shark.....	6,500	253,720
All other.....	15,110	461,498
Totals.....	\$300,517	4,984,145
Santa Cruz		
Salmon.....	\$54,538	153,374
Albacore.....	14,996	121,324
Rockfish.....	12,935	204,029
Sablefish.....	6,452	184,348
Pacific herring.....	6,253	135,940
All other.....	38,844	598,588
Totals.....	\$134,018	1,397,603

TABLE 20
Value of Landings by Port, Monterey Area, 1957

TABLE 21
Value of Landings and Shipments by Port,
Santa Barbara Area, 1957

	Value	Pounds
SANTA BARBARA AREA TOTALS	\$2,806,051	73,566,553
Port Hueneme		
Sardine.....	\$1,106,588	23,848,873
Jack mackerel.....	301,759	21,250,612
Pacific mackerel.....	218,286	15,158,716
Bluefin tuna.....	16,567	92,900
All other.....	16,609	129,956
Totals.....	\$1,652,839	60,481,057
Morro Bay		
Albacore.....	\$108,662	842,342
Rockfish.....	101,144	2,862,520
Abalone.....	77,098	564,232
Giant Pacific oyster.....	25,593	1,279,650
Petrale sole.....	18,528	185,842
Crab.....	17,534	156,834
Lingcod.....	9,593	114,886
Salmon.....	9,334	23,739
All other.....	17,614	188,661
Totals.....	\$385,100	6,218,706
Santa Barbara		
Abalone.....	\$172,782	1,390,659
Spiny lobster.....	49,872	94,778
White seabass.....	21,492	148,455
Swordfish.....	20,866	56,577
California halibut.....	17,351	76,573
Shark.....	15,097	111,327
Petrale sole.....	14,531	145,748
Bluefin tuna.....	12,073	116,870
Rockfish.....	9,951	312,062
English sole.....	9,813	150,274
Pismo clam.....	6,002	286,400
Pacific mackerel.....	5,932	411,930
Sardine.....	5,327	114,800
All other.....	15,063	519,727
Totals.....	\$377,012	3,936,180
Port San Luis (Avila, Grover City)		
Yellowfin tuna.....	\$144,042	1,017,795
Albacore.....	50,475	391,281
Salmon.....	34,842	88,607
Abalone.....	21,058	154,047
Petrale sole.....	18,443	186,988
Crab.....	11,620	103,938
Skipjack.....	9,004	75,500
Rockfish.....	6,590	157,765
All other.....	13,832	161,040
Totals.....	\$310,106	2,339,961
San Simeon		
Abalone.....	\$72,064	527,168
All other.....	4	40
Totals.....	\$72,068	527,208
All other ports		
Abalone.....	\$8,190	60,767
All other.....	736	2,674
Totals.....	\$8,926	63,441

TABLE 21
Value of Landings and Shipments by Port, Santa Barbara Area, 1957

TABLE 22
Value of Landings and Shipments by Port,
Los Angeles Area, 1957

	Value	Pounds
LOS ANGELES AREA TOTALS	\$35,834,787	419,798,762
Terminal Island		
Yellowfin tuna	\$14,887,904	116,188,196
Albacore	7,112,516	45,236,923
Skipjack	6,839,016	63,307,363
Bluefin tuna	2,118,368	17,682,735
Jack mackerel	1,015,916	47,695,588
Pacific mackerel	670,131	31,024,571
Sardine	507,860	16,542,672
Anchovy	115,824	9,340,660
Bigeye tuna	56,880	407,638
Pismo clam	44,774	1,989,960
Yellowtail	7,179	96,616
All other	7,760	126,923
Totals	\$33,384,128	349,729,845
San Pedro		
White seabass	\$133,810	696,926
Spiny lobster	93,669	154,238
Bluefin tuna	83,353	695,768
Pacific mackerel	80,586	3,730,811
California barracuda	57,237	339,387
Sardine	56,037	1,826,293
Anchovy	41,881	4,183,972
Grouper	36,928	229,602
Jack mackerel	38,412	1,803,382
Yellowfin tuna	37,973	286,808
Rockfish	37,843	360,494
Black sea bass	34,125	239,384
Swordfish	32,690	72,356
California halibut	16,312	72,693
Sculpin	15,352	57,305
White croaker	14,174	308,430
California pompano	12,208	61,596
Cabrilla	11,344	80,742
Albacore	10,105	68,601
Abalone	9,205	101,774
Yellowtail	9,122	122,862
Squid	8,535	402,585
Shark	6,808	63,058
All other	14,457	299,266
Totals	\$905,196	16,258,333
Newport Beach		
Abalone	\$183,067	2,053,238
Pacific mackerel	104,895	4,856,259
Swordfish	47,214	104,501
Jack mackerel	47,088	2,210,700
Spiny lobster	43,460	71,562
White seabass	13,771	71,722
Sardine	13,207	430,185
Albacore	13,124	89,096
California barracuda	5,085	30,142
Wahoo	5,010	14,593
All other	5,935	55,323
Totals	\$481,856	9,987,321
Long Beach		
Anchovy	\$254,576	20,530,305
Sardine	59,766	1,946,785
Spiny Lobster	49,157	80,944
Jack mackerel	32,125	1,508,205
Pacific mackerel	31,227	1,445,700
Rockfish	15,044	129,332
All other	4,367	34,349
Totals	\$446,262	25,675,620

TABLE 22
Value of Landings and Shipments by Port, Los Angeles Area, 1957

TABLE 22—Continued
Value of Landings and Shipments by Port,
Los Angeles Area, 1957

	Value	Pounds
Wilmington		
Pacific mackerel.....	\$115,267	5,336,450
Jack mackerel.....	106,004	4,976,696
Anchovy.....	35,618	2,872,420
Sardine.....	11,938	388,869
All other.....	2,100	147,673
Totals.....	\$270,927	13,722,108
Los Angeles		
Salmon.....	\$82,588	174,320
Sablefish.....	44,219	254,863
Pismo clam.....	14,391	639,600
Sturgeon.....	10,331	17,139
All other.....	68,968	247,020
Totals.....	\$220,497	1,332,942
Santa Monica		
Anchovy.....	\$24,100	1,943,520
Sardine.....	21,992	716,350
Spiny lobster.....	9,744	16,047
California barracuda.....	8,986	53,268
All other.....	8,731	151,793
Totals.....	\$73,553	2,880,978
Dana Point		
Spiny lobster.....	\$28,150	46,353
All other.....	676	7,531
Totals.....	\$28,826	53,884
Redondo Beach		
Rock crab.....	\$7,335	85,688
All other.....	8,189	43,237
Totals.....	\$15,524	128,925
All other ports		
Spiny lobster.....	\$5,320	8,760
All other.....	2,698	20,046
Totals.....	\$8,018	28,806

TABLE 22
Value of Landings and Shipments by Port, Los Angeles Area, 1957

TABLE 23
Value of Landings and Shipments by Port,
San Diego Area, 1957

	Value	Pounds
SAN DIEGO AREA TOTALS	\$17,114,286	131,396,562
San Diego		
Yellowfin tuna	\$7,417,706	55,708,923
Skipjack	5,656,247	47,965,009
Albacore	3,433,068	23,354,195
Bluefin tuna	225,469	2,044,521
White seabass	64,233	310,755
Swordfish	52,577	136,777
Spiny lobster	43,590	77,805
Abalone	34,587	486,505
California halibut	32,793	138,778
California barracuda	26,064	188,323
Yellowtail	18,138	266,736
Shark	15,370	181,501
Bonito	7,448	100,114
Rockfish	5,597	63,570
All other	19,270	187,557
Totals	\$17,052,157	131,211,162
Cardiff		
Spiny lobster	\$28,139	50,284
All other	564	3,698
Totals	\$28,703	53,982
Encinitas		
Spiny lobster	\$7,989	14,277
All other	5,458	37,657
Totals	\$13,447	51,934
La Jolla		
Spiny lobster	\$7,440	13,296
All other	728	4,613
Totals	\$8,168	17,909
All other ports		
All other	\$11,611	61,575
Totals	\$11,611	61,575

TABLE 23
Value of Landings and Shipments by Port, San Diego Area, 1957

TABLE 24
Origin of Shipments of Fresh Fish Into California During 1958

Shipped from: Species	Pounds shipped to each area					Total pounds
	Eureka	San Francisco	Santa Barbara	Los Angeles	San Diego	
Continental United States:						
Eel.....	----	----	----	1,085	----	1,085
Salmon.....	----	----	----	30,147	----	30,147
Tuna, bluefin (Atlantic).....	----	9,090	----	----	33,915	43,005
Miscellaneous fish.....	----	----	----	237,015	----	237,015
Oregon, Washington, Canada and Alaska:						
Halibut, Pacific.....	----	----	----	16,244	----	16,244
Sablefish.....	----	----	----	224,674	----	224,674
Salmon.....	7,010	----	----	427,612	----	434,622
Shad.....	----	1,351	----	----	----	1,351
Sturgeon.....	----	----	----	2,457	----	2,457
Miscellaneous fish.....	----	----	----	65,502	----	65,502
Mexico and Central America:						
Tuna, albacore.....	----	----	----	433,643	----	433,643
Tuna, bluefin.....	----	----	----	76,993	452,435	529,428
Tuna, skipjack.....	----	----	----	173,216	1,280,170	1,453,386
Tuna, yellowfin.....	----	----	----	5,351,502	2,147,388	7,498,890
Miscellaneous fish.....	----	----	----	3,564	----	3,564
Crustacean:						
Shrimp, unclassified.....	----	----	440	----	----	440
Mollusk:						
Clam, Pismo.....	----	----	79,680	1,963,992	----	2,043,672
South America:						
Bonito.....	----	----	----	10,709	----	10,709
Tuna, skipjack.....	----	----	----	12,915,014	5,650,296	18,565,310
Tuna, yellowfin.....	----	----	----	6,085,482	2,381,487	8,466,969
Japan:						
Tuna, albacore.....	----	5,085,003	----	20,655,278	1,299,022	27,039,303
Tuna, bigeye.....	----	392,838	----	3,512,536	1,481,520	5,386,894
Tuna, oriental.....	----	----	----	164,710	20,833	185,543
Tuna, skipjack.....	----	609,840	----	3,815,079	946,197	5,372,016
Tuna, yellowfin.....	----	12,542,236	----	58,413,408	7,579,066	78,534,710
China (Formosa)						
Tuna, albacore.....	----	----	----	12,375	----	12,375
Tuna, yellowfin.....	----	----	----	155,196	----	155,196
Total pounds.....	7,010	18,640,358	80,120	114,748,423	23,272,229	156,748,140

TABLE 24
Origin of Shipments of Fresh Fish Into California During 1958

TABLE 25
Origin of Commercial Fish Landings and Shipments Into California During 1958

Species	Landings from				Shipments ¹	Grand total
	California waters	Waters north of State	Waters south of State	Total pounds		
Fish:						
Anchovy.....	11,602,724	----	----	11,602,724	----	11,602,724
Barracuda, California.....	753,266	----	161,993	915,259	----	915,259
Bonito.....	4,804,784	----	742,022	5,546,806	10,709	5,557,515
Cabezon.....	19,520	----	----	19,520	----	19,520
Cabrilla.....	----	----	8,990	8,990	----	8,990
Carp.....	696,904	----	----	696,904	----	696,904
Croaker, white.....	770,534	----	----	770,534	----	770,534
Eel.....	----	----	----	----	1,085	1,085
Flounder.....	464,159	7,043	----	471,202	----	471,202
Flyingfish.....	37,673	----	----	37,673	----	37,673
Grouper.....	----	----	322,831	322,831	----	322,831
Hake.....	1,027,639	107,499	----	1,135,138	----	1,135,138
Halfmoon.....	4,455	----	----	4,455	----	4,455
Halibut, arrowtooth.....	575,761	68,119	----	643,880	----	643,880
Halibut, California.....	256,075	----	11,371	267,446	----	267,446
Halibut, Pacific.....	8,250	21	----	8,271	16,244	24,515
Hardhead.....	59,373	----	----	59,373	----	59,373
Herring, Pacific.....	2,399,730	----	----	2,399,730	----	2,399,730
Lingcod.....	1,526,061	73,359	95	1,599,515	----	1,599,515
Mackerel, jack.....	22,065,801	----	----	22,065,801	----	22,065,801
Mackerel, Pacific.....	27,635,160	----	13,325	27,648,485	----	27,648,485
Opaleye.....	2,351	----	----	2,351	----	2,351
Perch.....	189,679	----	----	189,679	----	189,679
Pompano, California.....	80,564	----	----	80,564	----	80,564
Ratfish.....	25,800	----	----	25,800	----	25,800
Rock bass.....	----	----	375	375	----	375
Rockfish.....	17,559,885	265,562	16,716	17,842,163	----	17,842,163
Sablefish.....	1,692,293	40,699	----	1,732,992	224,674	1,957,666
Salmon.....	3,646,100	10,741	----	3,656,841	464,769	4,121,610
Sanddab.....	404,872	1,566	----	406,438	----	406,438
Sardine.....	207,445,837	----	----	207,445,837	----	207,445,837
Sargo.....	1,740	----	----	1,740	----	1,740
Sculpin.....	64,872	----	----	64,872	----	64,872
Sculpin, staghorn.....	257	----	----	257	----	257
Sea bass, black.....	9,962	----	206,065	216,027	----	216,027
Seabass, white.....	2,750,652	----	99,111	2,849,763	----	2,849,763
SeatROUT, greenling.....	4,750	----	----	4,750	----	4,750
Shad.....	----	----	----	----	1,351	1,351
Shark.....	474,754	----	16,959	491,713	----	491,713
Sheep-head.....	10,256	----	1,110	11,366	----	11,366
Sierra.....	----	----	2,693	2,693	----	2,693
Skate.....	176,896	----	----	176,896	----	176,896
Smelt.....	549,854	----	----	549,854	----	549,854
Sole, Dover.....	6,913,803	1,139,237	----	8,053,040	----	8,053,040
Sole, English.....	4,948,543	201,691	----	5,150,234	----	5,150,234
Sole, petrale.....	2,630,022	527,056	----	3,157,078	----	3,157,078
Sole, rex.....	1,381,533	41,358	----	1,422,891	----	1,422,891
Sole, sand.....	24,220	120	----	24,340	----	24,340
Sole, miscellaneous.....	15,244	----	----	15,244	----	15,244
Splittail.....	157	----	----	157	----	157
Sturgeon.....	----	----	----	----	2,457	2,457
Swordfish.....	471,075	----	700	471,775	----	471,775
Tuna, albacore.....	25,387,036	1,075,988	724,753	27,187,777	27,485,321	54,673,098
Tuna, bigeye.....	----	----	5,245	5,245	5,386,894	5,392,139
Tuna, bluefin.....	15,609,801	----	15,109,431	30,719,232	529,428	31,248,660
Tuna, bluefin (Atlantic).....	----	----	----	----	43,005	43,005
Tuna, oriental.....	----	----	----	----	185,543	185,543
Tuna, skipjack.....	2,488,907	----	120,278,637	122,767,544	25,390,712	148,158,256
Tuna, yellowfin.....	417,710	----	123,001,684	123,419,394	94,655,755	218,075,149
Turbot.....	72,389	126	----	72,515	----	72,515

TABLE 25
Origin of Commercial Fish Landings and Shipments Into California During 1958

TABLE 25—Continued
Origin of Commercial Fish Landings and Shipments Into California During 1958

Species	Landings from				Shipments ¹	Grand total
	California waters	Waters north of State	Waters south of State	Total pounds		
Wahoo.....	-----	-----	23,833	23,833	-----	23,833
Whitebait.....	306,805	-----	-----	306,805	-----	306,805
Whitefish, ocean.....	1,232	-----	670	1,902	-----	1,902
Yellowtail.....	105,486	-----	64,144	169,630	-----	169,630
Miscellaneous fish.....	8,602	-----	66	8,668	306,081	314,749
Crustacean:						
Crab.....	17,282,766	-----	-----	17,282,766	-----	17,282,766
Crab, rock.....	166,962	-----	-----	166,962	-----	166,962
Lobster, spiny.....	632,618	-----	-----	632,618	-----	632,618
Prawn.....	911	-----	-----	911	-----	911
Shrimp, bay.....	45,955	-----	-----	45,955	-----	45,955
Shrimp, ocean.....	1,728,680	-----	-----	1,728,680	-----	1,728,680
Shrimp, unclassified.....	-----	-----	-----	-----	440	440
Mollusk:						
Abalone.....	4,224,018	-----	-----	4,224,018	-----	4,224,018
Clam, gaper.....	680	-----	-----	680	-----	680
Clam, jackknife.....	8,788	-----	-----	8,788	-----	8,788
Clam, Pismo.....	-----	-----	-----	-----	2,043,672	2,043,672
Clam, Washington.....	3,961	-----	-----	3,961	-----	3,961
Octopus.....	15,110	580	-----	15,690	-----	15,690
Oyster, eastern.....	32,087	-----	-----	32,087	-----	32,087
Oyster, giant Pacific.....	9,599,062	-----	-----	9,599,062	-----	9,599,062
Oyster, native.....	15,762	-----	-----	15,762	-----	15,762
Sea snail.....	153	-----	-----	153	-----	153
Squid.....	7,457,418	-----	-----	7,457,418	-----	7,457,418
Total pounds.....	411,736,739	3,561,365	263,812,819	678,170,923	156,748,140	832,919,063

¹ For origin of shipments refer to Table 24.

TABLE 25
Origin of Commercial Fish Landings and Shipments Into California During 1958

TABLE 26
Monthly Landings and Shipments Into California During 1958

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
LANDINGS:													
Fish:													
Anchovy.....	1,862,565	811,000	368,225	308,900	558,960	1,641,725	1,506,933	608,480	622,916	1,148,239	1,054,626	1,019,363	11,602,724
Barramundi, California.....	66,843	47,767	83,848	135,672	146,979	74,170	122,442	119,950	23,694	41,290	23,696	83,868	918,389
Bonito.....	21,984	238,297	630,202	42,704	17,727	25,084	2,780,331	784,670	465,980	115,131	342,197	283,207	8,545,864
Californian.....	538	4,568	1,994	1,188	5,528	1,829	1,303	318	353	1,150	807	159	10,630
California.....	1,338	---	1,145	---	383	4,675	---	30	---	---	710	1,396	5,990
Carp.....	64,465	80,530	78,712	97,823	62,633	23,458	19,905	17,685	23,672	55,649	49,704	121,849	696,884
Crusker, white.....	50,548	3,669	27,644	79,294	25,812	130,212	61,100	28,122	66,028	14,847	134,749	97,128	770,534
Flounder.....	36,517	23,628	303,297	30,127	24,571	26,169	25,817	29,647	85,746	58,999	17,179	8,349	471,282
Fryingfish.....	100,120	27,624	22,438	---	5,160	12,852	13,703	5,023	---	---	---	---	37,673
Grouper.....	---	---	---	---	1,405	9,970	---	890	---	---	6,141	56,820	96,390
Hake.....	31,302	7,277	14,215	51,483	291,846	133,746	194,355	114,182	123,301	174,706	68,535	---	1,135,118
Hallibut.....	8,225	466	747	1,100	1,569	200	---	---	70	77	---	---	4,855
Hallibut, grey-mouth.....	6,578	1,605	3,779	42,189	47,333	91,673	129,378	129,798	61,929	103,551	20,513	3,438	643,880
Hallibut, California.....	42,551	23,781	26,374	34,046	20,345	27,083	22,520	13,808	5,092	17,352	16,561	17,491	287,446
Hallibut, Pacific.....	---	---	---	---	3,251	1,666	2,380	618	83	275	---	---	8,271
Hardhead.....	3,974	6,247	6,652	3,993	---	20	---	---	---	---	---	---	56,373
Herring, Pacific.....	1,267,638	203,336	48,471	1,466	943,553	203,980	262,513	4,550	17,151	3,580	12,315	22,091	56,373
Lingcod.....	45,183	24,411	94,096	70,392	113,230	204,980	327,280	224,433	169,997	140,854	81,811	77,008	2,299,230
Mackerel, jack.....	3,901,482	3,500	1,602,211	190,551	76,132	607,287	115,242	1,754,594	2,616,629	87,8841	1,802,229	804,861	22,966,861
Mackerel, Pacific.....	3,654,700	903,748	1,888,943	1,633,970	2,313,963	1,299,534	1,729,176	1,579,504	806,480	2,900,110	3,029,608	8,431,408	27,648,493
Oval-eye.....	---	---	---	---	---	---	---	---	---	---	---	---	---
Pompano.....	1,752	138	783	688	68	190	---	---	201	---	---	313	2,381
Pompano, California.....	3,007	3,007	12,240	4,055	---	20,334	32,049	14,056	16,848	11,865	5,971	189,679	30,864
Rainbow.....	---	100	---	775	---	---	---	---	---	---	---	---	---
Rock bass.....	275	---	---	---	---	---	---	---	---	---	---	---	---
Rockfish.....	1,262,012	988,560	2,258,551	1,634,997	1,849,131	1,830,918	1,633,519	1,594,001	1,791,000	1,575,974	1,149,867	1,264,598	17,842,163
Sablefish.....	63,847	39,875	146,963	162,669	214,669	241,841	185,798	125,999	121,280	177,517	141,402	109,919	1,732,392
Salmon.....	30,006	42,334	67,232	28,908	42,200	31,210	41,885	20,111	25,002	25,038	25,550	21,474	806,438
Sardine.....	295,535	202,100	195,989	267,743	382,961	318,100	332,868	9,812,821	69,708,282	74,886,255	34,791,640	16,665,639	207,445,827

DEPARTMENT OF FISH AND GAME

TABLE 26
Monthly Landings and Shipments Into California During 1958

THE MARINE FISH CATCH OF CALIFORNIA														
Ramp.....	648	1,192	1,747	1,290	439	12,194	17,065	14,764	9,374	4,071	365	1,307	815	1,739
Sculpin.....	75	.....	.....	.....	.....	.....	.....	.....	.....	.....	182	.....	.....	64,871
Sculpin, staghorn.....	4,037	639	17,759	916	26,227	22,063	69,653	36,823	1,808	27,169	5,083	5,479	214,927	235
Sea bask, black.....	198,294	74,635	149,418	60,684	52,562	154,439	761,699	747,654	107,300	209,673	151,442	192,933	2,849,763	.....
Seatrout, greenling.....	424	555	274	891	495	95	965	1,090	100	.....	.....	.....	4,799	.....
Shark.....	27,961	28,613	21,638	42,462	51,175	37,262	43,617	42,719	26,125	44,926	71,666	43,247	691,712	.....
Shrimp-head.....	2,266	718	658	209	624	753	754	671	116	1,909	1,084	1,843	11,266	.....
Sifters.....	2,859	.....	.....	.....	33	.....	.....	69	.....	.....	.....	.....	2,862	.....
Skate.....	29,449	19,679	28,716	14,863	9,327	4,980	11,892	26,143	5,550	10,650	11,940	9,737	176,996	.....
Snell.....	14,143	13,082	29,507	17,555	19,999	34,764	62,643	90,666	57,327	21,286	82,015	107,165	549,954	.....
Sole, Dover.....	76,376	133,456	290,293	739,456	1,283,637	811,399	919,841	1,189,589	917,341	972,287	176,971	292,197	8,953,610	.....
Sole, English.....	395,790	199,442	298,232	433,811	387,735	407,251	430,091	499,969	282,218	619,099	296,119	239,251	3,136,254	.....
Sole, petrale.....	363,658	98,118	149,637	133,556	273,816	332,472	339,258	391,449	392,539	232,638	156,948	416,344	3,137,678	.....
Sole, rock.....	147,727	69,199	114,754	199,677	165,982	100,264	193,866	139,617	121,656	158,962	118,491	112,854	1,652,991	.....
Sole, sand.....	1,370	365	5,137	1,142	508	645	3,100	990	3,910	2,988	3,900	455	23,840	.....
Sole, miscellaneous.....	1,115	198	3,072	1,836	3,589	2,714	817	829	493	283	193	828	15,244	.....
Spyfish.....	147	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10	137	.....
Swanfish.....	.....	.....	.....	.....	.....	54,711	294,393	137,964	66,730	7,129	160	.....	471,775	.....
Tuna, albacore.....	6,337	1,843	347	.....	.....	11,228	7,139,163	10,627,097	6,039,093	3,297,889	129,029	12,496	27,191,777	.....
Tuna, bigeye.....	.....	435,158	494,080	865,587	1,783,818	619,674	12,000,359	10,355,113	4,009,371	135,363	.....	.....	8,245	.....
Tuna, bluefin.....	7,968,396	10,811,887	6,176,182	8,562,789	6,499,433	9,701,749	15,457,607	12,735,317	12,711,340	12,859,121	10,605,577	8,406,777	122,767,544	.....
Tuna, skipjack.....	9,151,291	7,499,627	12,006,378	16,427,064	13,215,953	16,411,997	13,239,729	12,399,371	5,929,132	3,579,573	3,601,965	8,053,102	125,419,364	.....
Tuna, yellowfin.....	7,920	8,213	9,032	1,843	1,367	929	3,429	1,617	15,869	6,016	11,786	4,903	72,515	.....
Turbot.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Walrus.....	649	114	11,549	.....	6,688	131	339	327	510	.....	335	.....	23,823	.....
Whitefish.....	26,611	22,086	23,008	44,862	30,094	26,474	19,883	2,519	.....	.....	.....	.....	306,925	.....
Whitefish, ocean.....	107	114	429	23	619	94	41	.....	.....	.....	300	162	.....	1,092
Yellowtail.....	8,354	35,882	9,964	7,192	28,399	9,537	19,911	2,294	15,699	12,813	12,467	8,279	109,626	.....
Miscellaneous fish.....	2,945	22	94	179	284	556	2,107	2,354	8	15	102	.....	8,668	.....
Crustaceans:														
Crab.....	3,210,913	3,032,338	3,320,719	1,555,349	1,248,796	314,399	28,556	.....	.....	11,151	12,397	2,565,987	2,098,497	17,282,766
Crab, rock.....	14,577	12,981	19,791	9,229	23,322	21,799	14,319	29,343	.....	.....	12,397	2,791	6,996	199,992
Loose, spiny.....	79,381	47,079	27,890	.....	.....	.....	.....	.....	.....	202,145	129,539	146,003	632,618	.....
Prawn.....	109	69	.....	.....	.....	221	93	69	179	.....	.....	39	911	.....
Shrimp, bay.....	8,893	2,637	3,633	2,921	4,439	2,993	4,982	19,798	.....	3,109	.....	2,630	48,953	.....
Shrimp, ocean.....	.....	.....	.....	.....	298,936	417,933	306,829	345,653	318,475	1,441	.....	.....	1,728,680	.....
Mollusks:														
Alaskan.....	338,399	.....	86,943	464,675	551,330	279,957	472,969	301,222	468,198	356,087	467,879	433,648	4,324,018	.....
Clam, giant.....	.....	60	20	109	.....	109	349	49	.....	.....	.....	20	686	.....
Clam, quillback.....	357	493	561	951	1,371	1,354	1,227	974	583	.....	450	237	240	8,788
Clam, Washington.....	307	212	277	1,624	91	.....	.....	.....	.....	.....	.....	689	3,991	.....
Octopus.....	3,404	2,009	2,899	1,285	1,699	1,239	727	998	129	183	209	85	13,690	.....

TABLE 26—Cont'd.

TABLE 26—Continued
Monthly Landings and Shipments Into California During 1958

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Oyster, eastern.....	11,528	9,360		120	476	324	696	1,669	1,114	2,310	1,365	2,696	32,087
Oyster, giant Pacific.....	1,033,366	959,360	1,043,025	627,202	1,071,011	311,958	353,496	82,796	112,704	1,307,017	1,417,014	1,508,333	9,939,062
Oyster, native.....	1,451	2,647	2,392	2,359	1,054	16	800	449	2,177	320	440	1,387	13,762
Sea urchin.....	49	15			71	27							152
Squid.....	809,612	1,572,000	924,730	514,710	213,775	802,709	1,179,256	1,179,556	263,830	155			7,437,418
Total pounds.....	36,409,423	29,909,550	32,949,418	31,919,554	37,121,748	35,614,937	62,662,683	67,864,150	106,114,719	113,762,970	64,148,690	50,354,669	676,170,923
SHIPMENTS:													
Fish:													
Bass.....	2,211					4,531	5,856						10,709
Salmon.....	1,085												1,085
Haddock, Pacific.....								16,214					16,214
Sablefish.....	5,800	22,902	38,121	78,398				38,509	5,000	47,154			274,674
Salmon.....		4,100	2,897	11,772	27,764	33,263	34,821	138,945	48,777	140,494			464,799
Shad.....					1,351								1,351
Sturgeon.....		915	626							914			2,452
Tuna, albacore.....	3,154,582	3,675,673	1,971,509	2,292,967	3,296,442	1,916,656	2,576,298	1,815,512	559,991	1,099,925	1,295,656	2,336,929	27,485,321
Tuna, bigeye.....	177,608	159,479	200,000	141,054	319,050	440,061	1,671,293	1,907,384	182,637	90,063	119,231	17,280	5,180,901
Tuna, bluefin.....							604,587	79,628	46,133				829,428
Tuna, bluefin (Atlantic).....													43,905
Tuna, escolar.....		10,184	94,624	56,002									158,815
Tuna, skipjack.....	502,329	1,500,741	371,890	392,692	496,841	1,316,464	1,135,176	1,315,095	5,516,417	5,130,513	2,802,581	2,611,697	35,395,712
Tuna, yellowfin.....	8,722,156	5,191,799	5,916,647	3,369,311	4,556,733	8,268,533	10,570,741	11,155,035	8,605,378	6,794,141	8,720,672	9,003,939	94,655,755
Miscellaneous fish.....	32,093	91	115	3,225	6,711	34,759	68,354	77,466	63,331	21,970			399,091
Crustacean:													
Shrimp, unclassified.....		330		110									449
Mollusk:													
Clam, Pismo.....	122,240	122,880	120,960	10,560	3,840	257,520			1,184,592	12,000	192,240	16,800	2,043,672
Total pounds.....	10,717,808	10,790,309	8,677,470	10,317,638	10,619,620	12,208,421	18,166,975	19,400,197	16,231,551	13,337,050	12,750,303	13,416,555	156,785,180
Grand total.....	47,126,422	39,699,859	41,626,888	42,237,612	47,741,374	47,823,358	81,129,658	87,264,347	124,346,270	127,100,020	76,907,993	63,671,224	1,032,956,103

¹ For origin of shipments refer to Table 24.

DEPARTMENT OF FISH AND GAME

TABLE 26
Monthly Landings and Shipments Into California During 1958

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
LANDINGS FROM:													
California waters:													
Fish:													
Flounder.....	9,940	583	11,231	3,282	27,931	17,488	16,897	23,933	26,010	23,868	4,897	6,428	170,065
Hake.....	27,267	5,502	12,115	60,508	238,076	82,113	90,900	85,337	88,235	171,706	68,390	.....	933,359
Haddock, greenfinch.....	7,693	110	3,233	30,957	41,331	76,968	101,010	101,826	62,329	101,710	20,393	1,643	317,103
Hallibut, California.....	.....	.....	31	.....	.....	.....	.....	.....	.....	.....	.....	.....	31
Hallibut, Pacific.....	.....	.....	.....	.....	3,251	1,645	2,380	.....	83	.....	.....	.....	8,250
Herring, Pacific.....	40,278	1,358	22,490	32,060	38,115	103,840	105,751	97,806	63,037	75,563	29,434	3,947	41,977
Langsd.....	10,502	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	67,006
Perch.....	8,814	1,674	13,123	18,800	.....	.....	18,334	20,072	11,835	9,787	5,311	1,845	109,355
Rockfish.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9,565
Rockfish.....	144,446	45,410	524,800	208,564	335,632	328,478	458,258	295,556	200,500	519,747	242,980	.....	3,548,709
Sablefish.....	23,109	2,350	76,775	100,346	189,482	183,905	142,229	107,000	87,503	120,102	89,180	63,936	1,163,513
Salmon.....	.....	.....	41,284	443,315	419,083	423,087	209,016	31,433	.....	.....	.....	.....	1,388,778
Sandfish.....	8,310	5,506	11,604	10,018	13,992	7,471	19,030	12,035	6,212	7,332	4,804	3,411	107,414
Seabass, white.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	246
Shark.....	20	.....	190	40	165	2,285	435	6,478	.....	650	135	.....	10,440
Shark.....	.....	.....	50	225	.....	1,336	449	21,729	.....	300	.....	.....	24,089
Sprat.....	150	20	.....	301	8,287	24,477	51,987	65,166	85,660	8,314	160	.....	188,641
Sole, Dover.....	14,720	8,731	24,100	433,302	1,111,863	673,130	753,831	892,711	658,820	720,487	394,597	229,214	8,880,306
Sole, English.....	114,297	46,489	202,058	370,458	433,701	238,825	249,009	233,006	301,014	430,030	212,588	105,566	3,018,302
Sole, petrale.....	295,574	16,687	47,239	68,678	95,740	153,177	159,845	73,457	65,309	114,196	7,648	212,565	1,296,154
Sole, rex.....	55,502	8,939	50,937	56,631	110,928	72,014	78,838	83,232	74,412	100,797	62,275	30,462	804,127
Sole, sand.....	33	90	297	18	173	.....	.....	435	1,335	736	110	115	1,073
Sole, northern.....	183	.....	1,715	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,990
Tuna, albacore.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	890
Turbot.....	835	973	1,972	691	594	.....	4,233	30,601	1,007,602	198,648	14,969	9,045	1,265,176
Whitefish.....	4,737	21,395	29,561	20,505	20,565	20,635	10,450	2,985	.....	.....	.....	.....	140,145
Miscellaneous fish.....	2,845	.....	.....	.....	90	.....	1,837	32	.....	.....	.....	.....	4,864
Crustacean:													
Crab.....	1,755,708	2,333,066	2,737,883	1,304,970	605,003	314,300	28,558	.....	.....	.....	145	200,517	9,582,999
Crab, rock.....	.....	.....	.....	265	9,084	845	.....	.....	.....	.....	.....	.....	11,014
Shrimp, ocean.....	.....	.....	.....	.....	160,930	344,004	314,604	330,620	307,863	.....	.....	.....	1,467,113

THE MARINE FISH CATCH OF CALIFORNIA

TABLE 27
Monthly Landings and Shipments of Commercial Fish Into the Eureka Area During 1958

TABLE 27—Continued
Monthly Landings and Shipments of Commercial Fish Into the Eureka Area During 1958

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Mollusk:													
Clam, Washington.....	307	312	777	1,624	91	—	—	—	—	—	—	650	3,961
Octopus.....	705,125	685,725	761,275	431,050	972,750	234,625	44,770	—	105	—	—	—	1,819
Oyster, giant Pacific.....	468	2,106	1,638	1,365	—	—	—	—	—	1,170,150	1,140,300	1,188,700	7,012,580
Oyster, native.....	—	—	—	—	—	—	—	—	—	—	—	—	1,567
Total pounds.....	3,222,200	3,186,918	4,554,850	3,307,278	5,217,980	3,302,166	3,147,818	2,640,141	3,144,140	3,833,690	3,340,340	2,220,375	40,045,858
Waters north of state:													
Fish:													
Flounder.....	—	—	—	1,917	—	—	—	445	4,305	—	—	376	7,663
Hake.....	—	—	—	14,555	6,643	14,314	2,550	27,273	15,025	3,000	—	—	107,109
Hallibut, arrowtooth.....	—	—	—	5,292	4,004	8,500	10,447	21,397	18,479	1,000	—	—	68,119
Hallibut, Pacific.....	—	—	—	—	—	—	—	—	—	—	—	—	31
Lingcod.....	—	—	—	2,551	2,212	3,000	3,330	25,100	27,533	2,071	63	274	71,359
Rockfish.....	3,724	—	—	21,955	14,651	30,001	22,088	63,266	86,012	6,021	360	13,494	265,562
Sablefish.....	416	—	—	9,612	3,451	1,162	4,420	7,167	7,341	1,940	2,021	3,259	40,669
Salmon.....	—	—	—	82	—	10,900	74	392	—	—	—	—	10,741
Sandfish.....	—	—	—	48	137	515	208	145	428	—	—	—	1,466
Sole, Dover.....	706	—	—	179,764	117,244	80,941	72,008	306,655	241,116	51,420	21,365	38,278	1,139,277
Sole, English.....	54	—	—	19,993	14,304	19,828	15,558	32,304	73,540	22,062	—	—	204,604
Sole, petrale.....	155	—	—	4,298	29,354	40,195	40,328	136,720	203,091	33,313	4,825	10,334	527,566
Sole, rex.....	—	—	—	2,287	3,450	3,288	2,243	7,280	11,430	2,717	900	—	41,158
Sole, sand.....	—	—	—	—	—	—	—	—	—	—	—	—	854
Sole, small.....	—	—	—	—	—	—	—	—	—	—	—	—	130
Tuna, albacore.....	—	—	—	—	—	—	—	28,824	71,882	7,216	—	—	107,325
Turbot.....	—	—	—	—	18	—	—	—	—	78	—	—	120
Mollusk:													
Octopus.....	—	—	—	—	—	271	—	300	—	—	—	—	580
Total pounds.....	5,055	—	—	270,417	196,000	244,816	177,434	606,308	784,836	125,141	29,233	90,162	2,502,702
SHIPMENTS:¹													
Fish:													
Salmon.....	—	—	—	—	—	600	440	2,382	3,588	—	—	—	7,010
Total pounds.....	—	—	—	—	—	600	440	2,382	3,588	—	—	—	7,010
Grand total.....	3,227,251	3,186,918	4,554,850	3,477,695	5,414,589	3,547,282	3,325,792	3,321,631	3,922,592	3,970,840	3,369,473	2,319,473	42,648,570

¹ For origin of shipments refer to Table 24.

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DEPARTMENT OF FISH AND GAME

TABLE 27
Monthly Landings and Shipments of Commercial Fish Into the Eureka Area During 1958

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
LANDINGS FROM:													
California waters:													
Fish													
Anchovy.....	.....	4,205	7,267	23	.....	.....	50	2,839	.....	.....	.....	.....	9,888
Californian.....	.....	.....	.....	23	.....	.....	.....	.....	.....	.....	.....	.....	5,550
Carp.....	64,465	80,330	79,712	97,623	67,633	25,468	19,885	17,885	22,672	55,610	49,791	121,819	696,904
Croaker, white.....	.....	340	35	798	309	100	1,200	234	2,090	1,097	395	.....	6,165
Flounder.....	14,380	21,845	90,473	24,303	5,965	6,490	6,105	2,915	51,165	29,355	12,606	1,300	209,924
Hake.....	.....	.....	.....	.....	12,715	20,155	.....	.....	.....	.....	145	.....	33,315
Halibut, American.....	985	1,495	490	810	1,020	9,265	17,911	5,775	5,135	.....	160	.....	38,295
Halibut, California.....	3,345	1,385	827	1,428	135	125	95	95	871	1,358	827	.....	10,333
Hardhead.....	2,974	6,247	6,653	2,203	.....	20	.....	.....	.....	3,593	12,315	22,991	86,373
Herring, Pacific.....	1,237,390	290,000	68,273	51	.....	.....	.....	.....	.....	.....	70	2,708	1,621,471
Lingcod.....	10,737	9,745	43,665	14,854	35,150	53,123	68,040	66,978	64,795	45,090	31,435	29,805	491,636
Mackerel, jack.....	.....	.....	.....	.....	100	300	3,526	27,287	2,602	.....	.....	.....	34,554
Perch.....	3,341	2,354	12,821	16,599	.....	.....	841	1,995	715	1,231	1,163	1,143	43,235
Pompano, California.....	.....	.....	.....	.....	.....	.....	249	.....	.....	.....	12	101	402
Ratfish.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14,435	879	15,320
Rockfish.....	436,684	267,350	510,142	340,313	371,708	206,463	187,877	235,050	433,500	479,515	271,635	501,638	4,185,008
Sablefish.....	34,142	34,882	63,370	62,257	19,670	36,780	31,674	3,240	20,400	64,900	49,500	61,825	484,640
Salmon.....	.....	.....	.....	1,806	541,576	531,711	475,671	71,571	44,008	.....	.....	.....	1,675,040
Sandfish.....	17,810	35,361	50,388	11,910	20,477	8,965	16,065	9,000	17,600	10,666	17,195	17,790	238,657
Sculpin, roughnose.....	75	.....	.....	.....	.....	.....	.....	.....	.....	192	.....	.....	257
Shad, white.....	40	.....	.....	.....	90	105	1,195	6,286	4,916	271	483	.....	13,246
Shark.....	3,190	8,424	8,822	1,838	3,304	4,359	6,129	7,824	4,893	7,473	10,691	4,653	69,388
Shrimp.....	12,985	15,400	71,606	6,000	5,375	2,310	9,656	4,375	5,540	10,300	14,690	7,820	116,531
Snail.....	2,805	5,700	10,751	9,328	6,933	8,167	4,911	6,535	9,273	2,066	1,863	838	72,671
Sole, Dover.....	60,990	124,735	256,283	128,170	81,350	46,323	63,315	40,190	20,355	50,560	73,174	107,510	1,023,067
Sole, English.....	190,483	108,098	139,340	36,335	77,720	100,110	140,434	140,676	121,733	120,727	132,005	136,583	1,462,685
Sole, petrale.....	90,685	38,173	31,490	18,615	61,290	75,367	66,153	42,256	48,420	60,763	39,920	105,796	741,635
Sole, rock.....	76,390	30,925	33,280	20,555	34,538	14,120	20,020	24,952	31,632	68,670	43,773	62,170	445,673
Sole, sand.....	1,235	245	1,290	845	490	570	3,100	665	2,455	2,353	2,700	980	19,157
Sole, miscellaneous.....	.....	.....	210	.....	.....	.....	.....	.....	.....	.....	.....	.....	210

THE MAINE FISH CATCH OF CALIFORNIA

TABLE 28
Monthly Landings and Shipments of Commercial Fish Into the San Francisco Area During 1958

TABLE 28—Continued
Monthly Landings and Shipments of Commercial Fish Into the San Francisco Area During 1958¹

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Spittail.....	117	----	-----	-----	-----	-----	-----	-----	-----	-----	-----	10	137
Tuna, albacore.....	3,880	3,185	6,700	725	725	860	498,655	741,279	1,031,897	611,221	31,885	-----	2,888,193
Turbot.....	3,638	8,608	19,273	23,321	9,219	5,252	431	551	-----	-----	-----	200	70,929
Whitefish.....	-----	-----	-----	10	65	-----	30	2,283	-----	-----	-----	-----	70,073
Miscellaneous fish.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	2,369
Crustaceans:													
Crab.....	1,892,697	616,817	537,551	230,186	326,880	-----	-----	-----	-----	-----	2,534,584	1,726,654	7,405,578
Shrimp, bay.....	8,883	2,097	3,633	2,921	4,430	2,608	4,982	10,798	-----	3,109	-----	2,650	45,955
Shrimp, ocean.....	-----	-----	-----	-----	116,366	69,373	-----	950	-----	325	-----	-----	172,801
Mollusk:													
Albacore.....	-----	832	336	1,725	4,055	1,825	2,250	1,600	1,825	475	-----	-----	13,025
Octopus.....	394	-----	1,177	415	40	135	125	-----	-----	85	135	-----	3,379
Oyster, eastern.....	11,628	9,869	1,729	476	521	696	1,660	1,114	2,310	1,368	2,686	-----	32,087
Oyster, giant Pacific.....	62,335	55,745	52,851	42,927	5,626	33,161	39,471	46,846	80,179	54,112	40,939	31,381	868,616
Oyster, native.....	985	541	661	1,191	1,021	16	800	440	2,177	320	440	-----	8,368
Total pounds.....	3,789,290	1,825,118	2,683,628	1,089,914	1,770,474	1,553,362	1,693,331	1,541,429	2,049,490	1,639,891	3,494,228	3,039,465	25,138,636
Water south of State:													
Fish:													
Tuna, skipjack.....	-----	-----	-----	-----	45,980	-----	-----	-----	-----	-----	-----	-----	45,980
Tuna, yellowfin.....	-----	-----	-----	-----	295,259	-----	-----	-----	-----	-----	-----	-----	295,259
Total pounds.....	-----	-----	-----	-----	246,189	-----	-----	-----	-----	-----	-----	-----	246,189
SHIPMENTS:													
Fish:													
Shad.....	-----	-----	-----	-----	1,351	-----	-----	-----	-----	-----	-----	-----	1,351
Tuna, albacore.....	293,430	337,793	665,660	276,790	640,410	663,760	235,320	632,750	294,860	241,510	127,130	846,540	5,085,001
Tuna, bigeye.....	177,098	-----	-----	-----	-----	89,000	-----	61,679	-----	-----	64,200	9,209	292,838
Tuna, bluefin (Atlantic).....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	9,000	-----	9,000
Tuna, skipjack.....	-----	-----	20,150	-----	60,500	-----	-----	205,600	124,600	-----	-----	8,100	609,840
Tuna, yellowfin.....	1,038,654	688,030	738,822	353,820	747,710	1,300,330	1,423,190	1,168,426	1,831,110	1,306,430	1,241,330	1,113,091	12,312,238
Total pounds.....	1,506,112	1,025,823	1,424,682	332,660	1,450,061	1,953,320	1,658,510	1,682,846	2,214,470	1,762,440	1,441,900	1,927,934	18,640,358
Grand total.....	5,295,402	2,850,941	3,478,310	1,631,574	3,478,721	3,206,682	3,327,841	3,228,275	4,263,960	3,402,331	4,946,128	5,967,399	44,805,190

¹ Includes 698,741 pounds of carp, 59,225 pounds of hardhead, and 157 pounds of spittail landed in Sacramento area. In September 1957 the Legislature closed the Sacramento River to gill nets. Most of the fish landed in that area (salmon and shad) were taken in gill nets. The foregoing small poundage has been combined with the San Francisco area landings.

² For origin of shipments refer to Table 24.

TABLE 28

Monthly Landings and Shipments of Commercial Fish Into the San Francisco Area During 1958

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
LANDINGS FROM:													
California waters:													
Fish:													
Anchovy.....	.....	.....	.....	2,600	1,000	.....	1,703	5,503	22,100	99,000	54,000	363,280	512,310
Barramunda, California.....	.....	.....	.....	300	.....	.....	.....	.....	.....	.....	.....	.....	230
Calappa.....	264	.....	150	950	5,135	1,836	1,303	1,111	1,111	1,166	755	.....	12,611
Croaker, white.....	716	530	1,475	40,577	25,307	13,870	9,148	6,996	20,272	28,429	7,710	1,685	147,815
Flounder.....	5,681	2,277	1,811	630	1,739	2,166	2,829	1,999	797	2,317	992	175	21,999
Hake.....	4,223	1,823	2,100	300	4,370	12,600	11,633	1,520	80	.....	.....	.....	38,905
Hallibut, California.....	17,111	378	1,216	619	693	1,081	2,961	963	91	387	209	.....	12,993
Herring, Pacific.....	.....	.....	.....	1,555	245,553	202,060	262,515	4,650	17,120	.....	.....	.....	731,682
Langost.....	11,432	5,910	20,725	5,181	27,693	21,100	61,462	362,856	6,772	6,379	10,510	11,605	226,135
Mackerel, jack.....	301,269	.....	458	280	3,900	1,079	5,495	1,600,826	1,100,555	155,982	19,694	750	3,393,199
Mackerel, Pacific.....	1,155	2,522	.....	.....	3,795	.....	.....	.....	.....	27,516	4,380	126,955	162,676
Porch.....	1,299	2,522	599	950	.....	.....	1,116	287	177	802	509	797	3,053
Pumpkin, California.....	.....	.....	6	60	2,694	1,872	2,135	300	33,004	915	.....	19	40,975
Starfish.....	.....	100	723	.....	.....	.....	.....	.....	.....	.....	.....	.....	875
Rockfish.....	370,350	497,427	736,357	454,573	621,555	560,022	568,143	452,376	376,013	369,723	322,584	471,635	5,857,036
Subfish.....	5,890	2,713	6,185	140	4,371	19,354	8,065	6,113	6,086	700	695	300	60,892
Salmon.....	.....	.....	.....	28,726	170,703	50,483	25,636	4,801	822	.....	.....	.....	277,181
Sardine.....	3,677	1,588	3,851	1,809	3,393	13,822	4,393	3,922	5,053	2,161	218	.....	45,669
Sardine.....	.....	.....	.....	960	6,490	31,378	1,846,221	7,514,038	2,965,722	1,291,350	3,217,570	16,783,939	16,783,939
Shad, white.....	28	790	2,113	155	1,378	17,887	27,391	10,256	13,694	10,388	4,601	.....	92,161
Sweetfish, greenling.....	.....	.....	.....	235	40	85	965	1,090	100	.....	.....	.....	2,505
Shark.....	2,763	8,075	970	1,806	1,702	2,602	10,571	12,441	2,220	1,777	885	2,658	49,383
Shad.....	4,960	4,228	7,002	4,210	5,850	1,101	1,207	.....	.....	.....	100	1,887	22,717
Sole, Dover.....	175	1,878	323	2,581	1,045	3,020	1,480	5,563	6,755	8,364	2,750	3,350	55,955
Sole, English.....	.....	.....	.....	130	.....	.....	.....	.....	.....	.....	.....	.....	739
Sole, petrale.....	16,490	14,076	16,035	11,258	42,515	36,798	38,565	29,615	17,550	21,555	17,330	4,782	254,711
Sole, rock.....	2,060	11,029	18,447	11,984	18,299	12,252	6,992	1,629	3,871	602	6,581	1,636	110,394
Sole, rye.....	3,981	6,320	1,790	2,650	2,811	4,011	1,470	2,322	1,011	996	3,999	5,096	38,862
Sole, miscellaneous.....	914	192	806	391	1,291	2,239	397	792	419	58	.....	61	8,716
Tuna, albacore.....	.....	.....	.....	.....	.....	.....	313,022	708,333	600,193	302,611	5,789	.....	2,190,291
Whitefish.....	68,410	22,681	4,174	706	19	620	.....	.....	.....	.....	.....	.....	96,589
Miscellaneous fish.....	100	18	.....	.....	.....	.....	.....	.....	.....	18	.....	.....	132

THE MARINE FISH CATCH OF CALIFORNIA

TABLE 29
Monthly Landings of Commercial Fishing Boats in the Monterey Area During 1958

TABLE 29—Continued
Monthly Landings of Commercial Fishing Boats in the Monterey Area During 1958

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Crustaceans:													
Ovals.....	27,585	21,003	18,002	10,500	6,375	.....	.....	.....	.....	.....	14,415	20,615	127,061
Prawns.....	109	69	.....	.....	.....	221	91	60	178	60	.....	30	911
Mollusks:													
Clam, gaper.....	.....	60	20	100	.....	100	210	40	.....	.....	.....	20	690
Octopus.....	1,872	927	303	44	65	245	291	.....	.....	.....	.....	.....	3,572
Squid.....	1,550	9,535	88,820	173,740	208,895	602,790	1,178,250	1,178,356	262,630	.....	.....	.....	3,902,596
Grand total.....	843,120	617,525	921,612	715,244	1,424,316	1,620,100	2,761,627	6,517,412	12,029,121	2,600,189	1,567,424	4,237,632	36,122,723

TABLE 29
Monthly Landings of Commercial Fishing Boats in the Monterey Area During 1958

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
LANDINGS FROM:													
California waters:													
Fish:													
Anchovy.....	....	112	26,468	6,171	26,861	645	517,143	1,136	1,777	5,066	3,897	31,630	627,895
Barracuda, California.....	....	....	....	....	....	....	....	....	....	....	....	....	835
Bonito.....	221	....	218	161	511	61	....	1,711	14,229	8,966	1,917	3,090	29,708
Cabotin.....	778	63	288	161	511	....	....	7	9	45	....	....	76
Croaker, white.....	217	....	....	68	....	....	....	....	....	831	1,010	....	1,800
Flounder.....	1,146	318	522	73	79	36	....	385	....	....	134	71	2,624
Halibut, California.....	16,383	10,630	12,744	12,687	7,123	12,274	9,788	10,773	1,998	336	6,899	11,616	109,611
Herring, Pacific.....	12,466	390	7,665	10,635	26,446	12,911	12,666	7,466	6,661	10,716	6,835	8,340	113,948
Lingcod.....	3,323,052	....	....	39,700	290	283	1,136	29,229	937,285	361,419	1,776,550	229,096	6,193,927
Mackerel, jack.....	....	....	....	....	....	....	....	....	....	....	....	....	....
Mackerel, Pacific.....	663,300	105,000	6,000	....	108,007	....	....	61,450	329,296	123,995	2,273,362	3,671,413	....
Perch.....	2,483	1,014	520	715	....	....	5,121	5,715	2,139	3,055	4,862	6,788	25,534
Rockfish.....	242,155	124,238	388,411	384,351	384,809	311,797	305,198	193,342	192,135	192,135	257,274	171,082	3,143,546
Sablefish.....	....	....	....	....	....	....	....	....	....	....	....	....	....
Salmon.....	....	....	....	19	35,163	22,748	36,576	7,574	117	....	....	....	102,497
Sea bream.....	150	728	380	291	472	365	713	7	....	....	....	....	3,166
Sardine.....	36,440	....	....	....	61,600	64,750	7,506,390	13,790,870	14,270,999	6,540,235	2,715,992	47,100,555	....
Sea bass, black.....	367	....	....	....	....	....	....	....	....	....	....	....	1,011
Seabass, white.....	9,497	3,917	6,112	9,961	27,084	31,623	52,709	78,630	30,797	39,365	40,435	65,569	414,962
Sea trout, greenling.....	424	585	274	546	446	....	....	....	....	....	....	....	2,215
Shark.....	6,116	393	7,879	6,113	11,081	3,189	2,332	2,637	1,690	3,875	4,814	7,106	37,839
Sheephead.....	....	....	....	....	....	....	....	....	....	....	....	....	....
Shake.....	3,142	1,926	247	199	....	....	....	....	....	....	....	....	5,744
Snapper.....	41	....	....	8	....	....	....	....	....	....	....	....	432
Sole, Dover.....	....	....	....	....	....	....	....	....	....	....	....	....	....
Sole, English.....	36,467	27,369	30,830	15,497	14,114	11,965	13,434	11,435	8,029	14,644	18,167	7,727	211,679
Sole, petrale.....	30,184	27,498	45,605	31,221	78,162	32,198	25,020	21,603	41,573	45,683	31,571	22,002	491,321
Sole, rock.....	10,162	7,815	17,337	12,714	15,153	4,821	2,397	3,369	3,143	3,372	7,871	5,062	65,441
Sole, sand.....	....	....	....	....	....	....	....	....	....	....	....	....	....
Sole, winterflounder.....	....	....	....	....	....	....	....	....	....	....	....	....	....

TABLE 30
Monthly Landings and Shipments of Commercial Fish Into the Santa Barbara Area During 1958

TABLE 30—Continued
Monthly Landings and Shipments of Commercial Fish Into the Santa Barbara Area During 1958

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Swordfish.....	.....	.....	.....	.....	.....	15,885	32,832	31,584	25,351	5,002	100	.....	111,712
Tuna, albacore.....	.....	.....	.....	.....	.....	.....	213,507	880,682	689,105	67,639	.....	.....	1,876,153
Tuna, bluefin.....	.....	.....	.....	.....	.....	.....	.....	.....	79	.....	.....	.....	79
Tuna, skipjack.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Thiaki.....	5,515	2,760	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8,275
Whitefish, ocean.....	.....	111	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	111
Yellowtail.....	.....	.....	.....	.....	11	.....	.....	.....	.....	.....	.....	.....	11
Miscellaneous fish.....	.....	.....	.....	.....	182	.....	.....	.....	.....	.....	.....	.....	182
Crustacean:													
Crab.....	24,923	28,822	29,413	6,354	9,229	.....	.....	.....	.....	.....	.....	.....	88,751
Crab, rock.....	5,536	7,316	2,300	2,718	7,575	12,160	4,095	10,582	5,284	2,821	.....	.....	59,817
Lobster, rock.....	17,234	16,154	6,307	.....	.....	.....	.....	.....	.....	.....	.....	.....	39,695
Shrimp, ocean.....	.....	.....	.....	.....	15,740	13,566	45,234	6,084	7,023	1,116	.....	.....	88,763
Mollusk:													
Albacore.....	106,402	.....	61,745	215,737	271,605	200,500	298,909	167,700	244,723	179,306	191,032	258,751	2,117,321
Oysters.....	1,354	1,130	1,204	702	880	227	145	.....	.....	105	74	85	6,008
Squid.....	211,946	219,580	230,700	151,225	92,675	42,750	69,223	28,230	32,525	74,325	223,775	226,350	1,607,466
Total pounds.....	4,791,444	600,499	862,337	914,013	1,137,606	870,039	1,696,714	6,100,172	18,660,351	15,677,313	8,812,298	6,130,996	68,691,097
SHIPMENTS:¹													
Crustacean:													
Shrimp, unclassified.....	.....	330	.....	110	.....	.....	.....	.....	.....	.....	.....	.....	440
Mollusk:													
Crab, Pismo.....	15,360	26,880	23,040	10,560	3,840	.....	.....	.....	.....	.....	.....	.....	79,680
Total pounds.....	15,360	27,210	23,040	10,670	3,840	.....	.....	.....	.....	.....	.....	.....	80,120
Grand total.....	4,806,804	627,709	885,377	924,683	1,141,446	873,879	1,696,714	6,106,172	18,680,351	15,677,313	8,812,298	6,130,996	68,771,217

¹ For origin of shipments refer to Table 24.

DEPARTMENT OF FISH AND GAME

TABLE 30
Monthly Landings and Shipments of Commercial Fish Into the Santa Barbara Area During 1958

TABLE 31
Monthly Landings and Shipments of Commercial Fish Into the Los Angeles Area During 1958

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
LANDINGS FROM:													
California Waters:													
Fish:													
Anchovy.....	1,802,565	811,000	398,225	396,390	557,960	1,566,725	687,740	687,142	600,816	1,055,855	668,288	622,133	10,415,710
Barnacles, California.....	461	1,002	7,778	51,130	16,014	69,424	81,612	81,620	15,073	1,019	436	2,107	407,664
Bonito.....	1,800	215,118	412,503	41,420	17,643	21,407	2,203,006	557,426	946,962	8,949	218,445	317,591	4,326,115
Croaker, white.....	38,567	2,745	28,109	38,331	22,967	116,219	30,902	31,556	23,666	12,196	125,556	95,292	613,665
Flyingfish.....	.....	.....	.....	57	5,169	12,852	13,703	3,003	.....	.....	.....	.....	37,613
Halibut.....	.....	166	7,47	163	1,868	360	.....	70	77	.....	.....	.....	4,324
Halibut, California.....	13,745	3,696	6,360	13,257	7,741	1,566	8,654	1,333	1,730	2,092	656	2,810	63,508
Largemouth.....	.....	.....	.....	35	.....	.....	17	217	36	183	218	144	820
Macrurus, rock.....	262,270	3,360	1,494,750	150,571	72,133	607,035	101,065	119,633	825,496	8,272,313	401,085	825,818	12,628,821
Macrurus, Pacific.....	3,190,533	708,688	1,883,878	1,621,015	2,201,035	1,299,004	1,215,718	1,528,181	793,057	2,447,497	3,798,567	3,046,283	23,737,294
Opaleye.....	.....	138	783	688	68	160	.....	201	.....	.....	.....	.....	2,351
Pompano, California.....	3,902	3,587	12,214	2,993	2,212	2,182	143	133	121	102	1,467	906	30,187
Rockfish.....	43,282	30,073	33,801	40,657	40,222	39,059	38,112	31,068	28,660	52,911	53,017	52,378	504,608
Sablefish.....	.....	.....	25	160	25	.....	.....	.....	.....	.....	.....	.....	209
Salmon.....	.....	.....	.....	683	2,421	.....	.....	.....	.....	.....	.....	.....	3,104
Sardine.....	150	921	1,020	710	880	632	447	102	.....	2,027	.....	.....	6,966
Sardine.....	202,145	202,100	108,890	267,435	332,031	250,100	236,690	66,053	46,397,954	57,641,515	27,044,055	10,731,787	143,540,553
Scup.....	.....	.....	1,260	450	.....	.....	.....	.....	.....	.....	.....	.....	1,740
Scup.....	382	302	1,690	1,491	11,258	16,959	14,721	9,274	4,048	135	1,114	767	61,548
Sea bass, black.....	374	11	277	291	344	82	.....	308	456	87	55	161	2,593
Sea bass, white.....	54,305	52,738	51,563	34,664	18,870	54,668	830,753	903,413	33,001	20,382	23,090	83,327	1,455,100
Shark.....	3,310	1,284	3,932	13,235	18,094	15,817	17,198	11,844	10,831	4,737	16,008	11,165	128,395
Shrimp.....	45	55	390	19	75	284	497	135	36	41	227	201	2,094
Sole.....	262	25	381	1,249	102	231	496	39	.....	.....	.....	.....	2,783
Sole.....	10,870	1,475	18,448	5,779	3,682	100	1,665	23,292	3,585	2,562	77,131	101,296	231,778
Sole, English.....	.....	.....	.....	220	.....	263	.....	.....	.....	.....	.....	.....	505
Sole, petrale.....	.....	.....	.....	.....	278	303	.....	.....	.....	23	.....	.....	622
Sole, miscellaneous.....	11	5	.....	.....	.....	33,643	116,828	88,118	38,501	1,320	.....	.....	278,940
Spot.....	.....	.....	.....	.....	.....	770	2,340,468	2,967,150	1,135,854	780,053	61,779	.....	9,189,731
Tuna, albacore.....	2,293	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

THE MARINE FISH CATCH OF CALIFORNIA

TABLE 31
Monthly Landings and Shipments of Commercial Fish Into the Los Angeles Area During 1958

TABLE 31—Continued
Monthly Landings and Shipments of Commercial Fish Into the Los Angeles Area During 1958

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Tuna, bluefin.....	.....	.....	.....	880,496	1,637,214	339,353	2,563,463	6,024,304	2,997,988	173,462	.....	.....	14,699,250
Tuna, skipjack.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	829,474	202,469	17,433	1,045,969
Tuna, yellowfin.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	134,421	23,735	111,865	270,011
Turbot.....	.....	.....	.....	110	.....	60	.....	.....	.....	.....	.....	.....	170
Whitefish, coho.....	14	.....	439	29	.....	94	16	.....	.....	309	162	.....	1,076
Yellowtail.....	5,181	5,698	6,135	6,154	13,737	7,251	773	6,735	7,787	539	3,780	2,683	66,163
Miscellaneous fish.....	.....	4	91	110	169	233	214	51	8	.....	82	.....	1,009
Crustacean:													
Crab, rock.....	8,245	4,181	8,343	5,916	7,819	8,813	10,239	9,491	7,863	8,979	7,190	8,331	92,539
Lobster, spiny.....	46,549	19,960	14,332	.....	.....	.....	.....	.....	.....	113,561	66,293	85,549	345,139
Mollusk:													
Abalone.....	210,490	.....	39,185	200,365	236,320	44,208	193,292	101,793	169,103	106,035	222,635	126,771	1,696,479
Ostracum.....	54	.....	44	.....	16	64	27	24	25	.....	.....	.....	266
Sea snail.....	40	.....	15	.....	71	27	.....	.....	.....	.....	.....	.....	183
Squid.....	897,982	1,562,163	824,930	3,603,353	7,070	.....	.....	.....	.....	.....	.....	.....	3,543,107
Total pounds.....	6,793,245	3,725,962	5,277,959	4,041,214	8,361,596	4,484,279	11,686,436	13,846,249	53,104,560	71,627,793	31,470,312	13,990,840	229,516,626
Waters north of State:													
Fish:													
Tuna, albacore.....	.....	.....	.....	.....	.....	.....	32	.....	291,434	537,090	.....	.....	741,536
Total pounds.....	.....	.....	.....	.....	.....	.....	32	.....	291,434	537,090	.....	.....	741,536
Waters south of State:													
Fish:													
Barnesuda, California.....	31,998	12,125	22,658	.....	11,680	.....	2,410	.....	.....	170	4,312	11,710	97,013
Bonito.....	.....	1,194	16,486	.....	.....	.....	37,219	208,333	.....	.....	1,845	886	262,669
Caballa.....	1,355	.....	1,445	.....	385	4,073	.....	39	.....	.....	710	1,306	5,969
Orange.....	100,150	27,621	23,438	.....	1,405	9,970	.....	869	.....	6,144	66,829	84,133	316,576
Lingcod.....	.....	.....	.....	.....	65	.....	.....	.....	.....	.....	.....	.....	95
Rock bass.....	375	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	375
Rockfish.....	6,695	.....	2,000	.....	6,715	.....	.....	.....	.....	110	.....	.....	15,440
Sea bass, black.....	2,137	180	16,713	.....	24,658	21,163	68,879	37,623	.....	24,797	2,408	.....	198,175
Seahorse, white.....	90	.....	.....	.....	.....	.....	.....	.....	.....	28,090	.....	64	28,274
Shark.....	35	.....	.....	.....	.....	.....	.....	.....	.....	283	.....	15	335

DEPARTMENT OF FISH AND GAME

TABLE 31
Monthly Landings and Shipments of Commercial Fish Into the Los Angeles Area During 1958

THE MARINE FISH CATCH OF CALIFORNIA

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TABLE 32
Monthly Landings and Shipments of Commercial Fish Into the San Diego Area During 1958

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
LANDINGS FROM:													
California waters:													
Fish:													
Anchovy.....	31,383	33,403	27,194	67,523	1,723	111	111	111	111	2,334	2,338	111	1,622
Barramundi, California.....	630	163	585	39	3,837	33,312	15,938	108,289	71,716	230	482	238,711	131
Calico.....	12	40	9	4	23	117	117	117	117	11	28	11	131
Croaker, white.....	14	14	29	117	117	117	117	117	117	11	28	11	489
Hallibut.....	10,266	7,742	5,124	7,360	4,502	7,373	165	304	832	7,986	5,848	2,129	59,881
Haddock, California.....	52	108	181	740	11	11	11	11	11	11	317	5	1,181
Marlin, Pacific.....	807	60	85	12,485	23	20	103	320	11,982	1,501	2,366	2,803	62,277
Rockfish.....	14,737	15,068	60,907	69,384	55,565	38,808	22,911	11,143	8,749	2,715	1,960	8,808	310,941
Sardine.....	266	990	661	19	926	55	43	119	163	163	163	163	11,090
Seal, black.....	11,419	828	79	828	307	320	271	1,219	920	340	162	162	5,372
Seal, white.....	12,414	17,200	80,209	13,847	3,458	61,784	146,522	141,199	27,781	58,617	33,000	32,744	775,087
Shark.....	12,191	10,433	11,843	19,512	14,902	7,819	6,349	2,791	6,429	22,224	29,016	13,781	159,324
Sheephead.....	2,336	633	368	172	349	340	170	536	80	1,108	677	867	7,603
Sole, northern.....	111	306	304	1,560	1,560	1,560	1,560	1,560	1,560	1,560	1,560	1,560	2,820
Swordfish.....	111	111	111	111	111	111	111	111	111	111	111	111	80,392
Tuna, bluefin.....	111	111	111	111	111	111	111	111	111	111	111	111	1,006,935
Tuna, skipjack.....	111	111	111	111	111	111	111	111	111	111	111	111	1,442,890
Tuna, yellowfin.....	111	111	111	111	111	111	111	111	111	111	111	111	147,099
Whiting, northern.....	28	111	111	111	111	111	111	111	111	111	111	111	28
Yellowtail.....	118	237	694	1,028	5,634	1,799	10,003	961	5,443	7,173	3,693	771	32,379
Miscellaneous fish.....	111	111	111	111	111	111	111	111	111	111	111	111	536
Crustacean:													
Crab, rock.....	556	1,474	81	111	111	111	111	111	111	111	111	111	3,911
Crab, spiny.....	13,478	11,765	7,271	111	111	111	111	111	111	111	111	111	156,879

DEPARTMENT OF FISH AND GAME

TABLE 32
Monthly Landings and Shipments of Commercial Fish Into the San Diego Area During 1958

TABLE 32—Cont'd.

TABLE 32—Continued
Monthly Landings and Shipments of Commercial Fish Into the San Diego Area During 1958

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
SHIPMENTS:¹													
Pink:													
Tuna, albacore.....	....	416,056	61,196	89,212	....	144,470	98,176	63,191	....	317,483	59,125	30,295	1,799,022
Tuna, bigeye.....	....	60,809	260,030	101,000	295,741	30,965	....	87,810	91,834	29,199	40,791	....	1,181,529
Tuna, bluefin.....	....	....	....	....	....	....	327,564	78,438	46,130	....	....	....	432,133
Tuna, bluefin (Atlantic).....	....	....	....	....	....	....	....	....	33,915	....	....	....	33,915
Tuna, school.....	....	....	....	....	....	....	....	....	....	....	20,833	....	20,833
Tuna, skipjack.....	290,978	554,121	2,180	....	4,472	609,970	336,417	1,542,190	1,920,000	1,110,345	1,093,247	400,472	7,828,663
Tuna, yellowfin.....	972,548	1,308,729	201,338	605,903	493,478	618,562	780,631	1,621,831	2,051,056	1,535,969	1,163,975	836,717	12,192,841
Total pounds.....	1,253,536	2,330,607	536,844	747,115	700,731	1,403,967	1,572,678	3,870,672	4,141,838	2,983,438	2,119,829	1,276,811	23,272,229
Grand total.....	7,308,140	9,402,391	5,785,265	9,258,322	8,120,401	9,437,310	23,337,088	21,160,555	16,387,737	15,283,765	11,787,041	12,101,497	146,442,582

¹ For origin of shipments refer to Table 24.

DEPARTMENT OF FISH AND GAME

TABLE 32
Monthly Landings and Shipments of Commercial Fish Into the San Diego Area During 1958

TABLE 33
Value of Landings and Shipments of Commercial Fish Into California by Area, 1958

Species	Eureka	San Francisco	Monterey	Santa Barbara	Los Angeles	San Diego	Total
LANDINGS:							
Fish:							
Anchovy.....	-----	2,888	542,330	627,095	10,425,739	4,672	11,602,724
Barracuda, California.....	-----	\$129	\$9,327	\$7,337	\$133,448	\$140	\$150,381
Bonito.....	-----	-----	200	74,838	594,677	335,744	915,259
Cabezon.....	-----	-----	\$20	\$8,724	\$96,567	\$39,651	\$114,962
Cabrilla.....	-----	-----	-----	29,708	4,801,004	716,094	5,546,806
Carp.....	-----	5,550	12,614	1,223	\$181,358	\$30,863	\$216,513
Croaker, white.....	-----	\$92	\$120	\$63	-----	133	19,520
Flounder.....	-----	-----	-----	-----	8,990	\$15	\$590
Flyingfish.....	-----	-----	-----	-----	\$1,373	-----	\$1,373
Grouper.....	-----	696,904	-----	-----	-----	-----	696,904
Hake.....	-----	\$31,172	-----	-----	-----	-----	\$31,172
Halibut, arrowtooth.....	-----	6,165	147,815	2,370	613,695	489	770,534
Halibut, California.....	-----	\$142	\$10,214	\$127	\$21,282	\$48	\$32,113
Halibut, Pacific.....	177,048	269,924	21,606	2,624	-----	-----	471,202
Hardhead.....	\$8,781	\$12,502	\$1,406	\$134	-----	-----	\$22,823
Herring, Pacific.....	-----	-----	-----	-----	37,673	-----	37,673
Lingcod.....	-----	-----	-----	-----	\$1,946	-----	\$1,946
Mackerel, jack.....	-----	-----	-----	-----	310,576	12,255	322,831
Mackerel, Pacific.....	-----	-----	-----	-----	\$52,425	\$1,961	\$54,386
Opaleye.....	1,062,858	33,315	38,965	-----	-----	-----	1,135,138
Perch.....	\$18,600	\$500	\$394	-----	-----	-----	\$19,494
Pompano, California.....	-----	-----	-----	-----	4,324	131	4,455
Ratfish.....	-----	-----	-----	-----	\$895	\$8	\$903
Rock bass.....	605,584	38,296	-----	-----	-----	-----	643,880
Sculpin.....	\$12,837	\$1,245	-----	-----	-----	-----	\$14,082
Shad.....	31	10,253	12,663	109,611	63,836	71,052	267,446
Sardine.....	\$5	\$2,148	\$2,904	\$25,023	\$16,680	\$17,158	\$64,218
Sea bass, black.....	8,271	\$2,036	-----	-----	-----	-----	8,271
Shark.....	-----	59,373	-----	-----	-----	-----	59,373
Shrimp.....	-----	\$19,502	-----	-----	-----	-----	\$19,502
Sole.....	44,277	1,621,471	733,682	300	-----	-----	2,399,733
Striped bass.....	\$1,111	\$14,432	\$28,394	\$15	-----	-----	\$43,952
Tilapia.....	744,365	491,636	236,135	125,048	915	1,416	1,599,515
Trout, rainbow.....	\$47,221	\$28,765	\$19,198	\$9,666	\$124	\$114	\$105,088
Walleye.....	-----	34,854	3,203,199	6,198,927	12,628,821	-----	22,065,801
Whiting.....	-----	\$1,506	\$83,003	\$130,176	\$315,721	-----	\$531,006
Yellowtail.....	-----	-----	162,676	3,671,413	23,737,794	76,602	27,648,465
Opaleye.....	-----	-----	\$1,864	\$77,467	\$586,324	\$2,888	\$671,543
Perch.....	-----	-----	-----	-----	2,351	-----	2,351
Pompano, California.....	108,555	43,235	9,035	28,854	\$343	-----	\$343
Ratfish.....	\$15,999	\$6,428	\$996	\$6,391	-----	-----	\$29,814
Rock bass.....	-----	402	40,975	-----	39,187	-----	80,564
Shad.....	-----	\$266	\$12,641	-----	\$6,262	-----	\$19,169
Shrimp.....	9,595	15,330	875	-----	-----	-----	25,800
Sole.....	\$384	\$507	\$9	-----	-----	-----	\$900
Striped bass.....	-----	-----	-----	-----	375	-----	375
Tilapia.....	-----	-----	-----	-----	\$30	-----	\$30
Trout, rainbow.....	3,814,268	4,195,068	5,857,036	3,143,546	520,088	312,157	17,842,163
Walleye.....	\$150,036	\$167,313	\$273,878	\$121,109	\$56,003	\$24,849	\$793,794
Whiting.....	1,206,212	464,040	60,892	1,579	269	-----	1,732,992
Yellowtail.....	\$52,174	\$16,046	\$1,706	\$68	\$19	-----	\$100,073
Shad.....	1,599,019	1,675,040	277,181	102,497	3,104	-----	3,656,841
Sardine.....	\$707,840	\$744,891	\$115,610	\$49,071	\$1,573	-----	\$1,618,985
Shrimp.....	108,980	238,657	46,669	3,166	6,966	-----	406,438
Sardine.....	\$6,527	\$13,642	\$3,626	\$165	\$1,445	-----	\$25,505
Sargo.....	-----	-----	16,783,939	47,109,655	143,540,953	11,090	207,445,637
Sculpin.....	-----	-----	\$508,553	\$1,083,526	\$3,946,899	\$297	\$5,439,275
Sculpin, staghorn.....	-----	-----	-----	-----	1,740	-----	1,740
Sea bass, black.....	-----	-----	-----	-----	\$397	-----	\$397
Seabass, white.....	-----	-----	-----	-----	61,548	3,321	64,872
Seatrain, greenling.....	-----	257	-----	-----	\$17,676	\$759	\$18,435
Shark.....	-----	\$13	-----	-----	-----	-----	\$13
Shrimp.....	-----	-----	-----	1,001	200,765	14,261	216,027
Shrimp, white.....	246	13,246	92,161	414,892	\$27,223	\$1,733	\$29,047
Seatrain, greenling.....	\$19	\$1,750	\$15,107	\$97,337	\$183,346	\$128,229	\$395,908
Shad.....	-----	-----	2,505	2,245	-----	-----	4,750
Shrimp.....	-----	-----	\$30	\$112	-----	-----	\$142
Shrimp.....	10,443	69,388	49,383	57,820	128,731	175,948	491,713
Shrimp.....	\$436	\$2,618	\$2,243	\$5,177	\$14,459	\$14,282	\$39,245

TABLE 33
Value of Landings and Shipments of Commercial Fish Into California by Area, 1958

TABLE 33—Continued
Value of Landings and Shipments of Commercial Fish Into California by Area, 1958

Species	Eureka	San Francisco ¹	Monterey	Santa Barbara	Los Angeles	San Diego	Total
Sheep-head.....	-----	-----	-----	559	2,159	8,648	11,366
Sierra.....	-----	-----	-----	\$29	\$127	\$628	\$784
Skate.....	24,089	116,531	27,737	5,754	2,785	-----	176,896
Smelt.....	\$754	\$1,364	\$530	\$288	\$235	-----	\$2,971
Sole, Dover.....	188,641	73,071	35,935	422	251,775	-----	549,854
Sole, English.....	\$9,487	\$9,296	\$2,096	\$32	\$6,832	-----	\$27,743
Sole, petrale.....	7,028,693	1,023,067	730	640	-----	-----	8,053,040
Sole, rex.....	\$370,264	\$50,365	\$37	\$32	-----	-----	\$420,698
Sole, sand.....	3,219,893	1,462,685	255,713	211,678	265	-----	5,150,234
Sole, miscellaneous.....	\$226,612	\$91,001	\$16,545	\$13,822	\$21	-----	\$348,001
Swordfish.....	1,813,810	741,835	110,394	491,321	318	-----	3,157,678
Tuna, albacore.....	\$192,802	\$76,694	\$11,051	\$50,263	\$34	-----	\$330,844
Tuna, bigeye.....	842,485	445,673	38,892	95,841	-----	-----	1,422,891
Tuna, bluefin.....	\$49,664	\$25,068	\$1,964	\$5,125	-----	-----	\$82,121
Tuna, skipjack.....	4,193	19,157	-----	990	-----	-----	24,340
Tuna, yellowfin.....	\$415	\$1,686	-----	\$99	-----	-----	\$2,200
Turbot.....	2,500	210	6,716	2,366	622	2,830	15,244
Whitebait.....	\$114	\$13	\$581	\$192	\$66	\$291	\$1,257
Whitefish, ocean.....	-----	157	-----	-----	-----	-----	157
Yellowtail.....	-----	\$55	-----	111,737	279,646	80,392	471,775
Miscellaneous fish.....	-----	-----	-----	\$37,823	\$98,491	\$28,756	\$165,070
Crustacean:	1,372,501	2,888,436	2,190,201	1,676,153	9,952,375	8,908,111	27,187,777
Crab.....	\$257,344	\$571,332	\$113,729	\$356,845	\$2,098,956	\$1,868,922	\$5,567,128
Crab, rock.....	-----	-----	-----	-----	5,245	-----	5,245
Crab, spiny.....	-----	-----	-----	26	\$729	-----	\$729
Crab, spiny.....	-----	-----	-----	\$1	\$3,582,007	\$117,299	\$3,699,306
Crab, spiny.....	-----	45,980	-----	108	57,759,135	64,962,321	122,767,544
Crab, spiny.....	-----	\$5,490	-----	\$15	\$6,636,324	\$7,522,657	\$14,164,606
Crab, spiny.....	-----	230,226	-----	-----	62,782,728	42,436,460	123,418,394
Crab, spiny.....	-----	\$28,349	-----	-----	\$10,905,668	\$5,750,141	\$16,684,158
Crab, spiny.....	22,886	39,929	-----	9,530	170	-----	72,515
Crab, spiny.....	\$2,073	\$1,713	-----	\$479	\$14	-----	\$4,279
Crab, spiny.....	-----	-----	-----	-----	23,557	276	23,833
Crab, spiny.....	-----	-----	-----	-----	\$8,203	\$97	\$8,300
Crab, spiny.....	140,143	70,073	96,589	-----	-----	-----	306,805
Crab, spiny.....	\$10,090	\$7,785	\$8,200	-----	-----	-----	\$26,075
Crab, spiny.....	-----	-----	-----	128	1,381	393	1,902
Crab, spiny.....	-----	-----	-----	\$13	\$74	\$16	\$103
Crab, spiny.....	-----	-----	-----	1,442	85,273	82,915	169,630
Crab, spiny.....	-----	-----	-----	\$121	\$7,796	\$5,953	\$13,810
Crab, spiny.....	4,464	2,399	133	50	1,000	622	8,668
Crab, spiny.....	\$78	\$11	\$8	\$7	\$223	\$115	\$472
Crustacean:	9,582,999	7,405,578	127,064	167,125	-----	-----	17,282,766
Crab.....	\$1,076,129	\$942,601	\$17,866	\$24,016	-----	-----	\$2,099,612
Crab, rock.....	11,014	-----	-----	59,517	92,520	3,911	166,962
Crab, spiny.....	-----	-----	-----	\$2,137	\$8,586	\$141	\$10,864
Crab, spiny.....	-----	-----	-----	127,613	348,126	156,879	632,618
Crab, spiny.....	-----	-----	-----	\$70,646	\$221,477	\$96,905	\$389,028
Crab, spiny.....	-----	-----	911	-----	-----	-----	911
Crab, spiny.....	-----	-----	\$364	-----	-----	-----	\$364
Crab, spiny.....	-----	45,955	-----	-----	-----	-----	45,955
Crab, spiny.....	-----	\$6,089	-----	-----	-----	-----	\$6,089
Crab, spiny.....	1,467,113	172,604	-----	83,763	-----	-----	1,728,680
Crab, spiny.....	\$132,186	\$14,088	-----	\$8,051	-----	-----	\$154,925
Mollusk:	-----	13,075	-----	2,117,321	1,606,475	487,147	4,224,018
Abalone.....	-----	\$2,092	-----	\$256,896	\$123,928	\$40,419	\$422,295
Clam, gaper.....	-----	-----	680	-----	-----	-----	680
Clam, jackknife.....	-----	-----	\$71	-----	-----	-----	\$71
Clam, Washington.....	-----	-----	-----	-----	-----	8,788	8,788
Clam, Washington.....	3,961	-----	-----	-----	-----	\$3,277	\$3,277
Clam, Washington.....	\$522	-----	-----	-----	-----	-----	\$522
Octopus.....	2,399	3,378	3,572	6,010	296	35	15,690
Octopus.....	\$193	\$136	\$355	\$303	\$1	\$5	\$993

TABLE 33
Value of Landings and Shipments of Commercial Fish Into California by Area, 1958

TABLE 33—Continued
Value of Landings and Shipments of Commercial Fish Into California by Area, 1958

Species	Eureka	San Francisco ¹	Monterey	Santa Barbara	Los Angeles	San Diego	Total
Oyster, eastern.....	----	32,087	----	----	----	----	32,087
		\$9,292					\$9,292
Oyster, giant Pacific.....	7,402,950	588,646	----	1,607,466	----	----	9,599,062
	\$148,059	\$44,914		\$32,149			\$225,122
Oyster, native.....	7,164	8,598	----	----	----	----	15,762
	\$72	\$4,107					\$4,179
Sea snail.....	----	----	----	----	153	----	153
					\$11		\$11
Squid.....	----	----	3,902,936	105	3,543,107	11,270	7,457,418
			\$87,817	\$2	\$57,753	\$538	\$145,910
Total pounds.....	42,641,550	25,384,822	35,132,739	68,691,087	381,150,392	123,170,323	676,170,923
Total value.....	\$3,530,624	\$2,963,420	\$1,656,307	\$2,451,720	\$29,298,369	\$16,029,235	\$55,929,675
SHIPMENTS:²							
Fish:							
Bonito.....	----	----	----	----	10,709	----	10,709
					\$348		\$348
Eel.....	----	----	----	----	1,065	----	1,065
					\$391		\$391
Halibut, Pacific.....	----	----	----	----	16,244	----	16,244
					\$3,689		\$3,689
Sablefish.....	----	----	----	----	224,674	----	224,674
					\$40,284		\$40,284
Salmon.....	7,010	----	----	----	457,759	----	464,769
	\$3,973				\$305,521		\$309,494
Shad.....	----	1,351	----	----	----	----	1,351
		\$1,486					\$1,486
Sturgeon.....	----	----	----	----	2,457	----	2,457
					\$1,428		\$1,428
Tuna, albacore.....	----	5,085,003	----	----	21,101,296	1,299,022	27,485,321
		\$804,447			\$3,363,547	\$211,351	\$4,379,345
Tuna, bigeye.....	----	392,838	----	----	3,512,536	1,481,520	5,386,894
		\$18,869			\$435,203	\$254,377	\$738,449
Tuna, bluefin.....	----	----	----	----	76,993	452,435	529,428
					\$10,000	\$57,891	\$67,891
Tuna, bluefin (Atlantic).....	----	9,090	----	----	33,915	43,005	85,773
		\$1,364				\$1,409	\$5,773
Tuna, oriental.....	----	----	----	----	164,710	20,833	185,543
					\$21,229	\$1,167	\$28,396
Tuna, skipjack.....	----	609,840	----	----	16,904,209	7,876,663	25,390,712
		\$76,779			\$1,803,679	\$988,521	\$2,868,979
Tuna, yellowfin.....	----	12,542,236	----	----	70,005,678	12,107,841	94,655,755
		\$1,678,151			\$9,695,786	\$1,667,250	\$13,041,187
Miscellaneous fish.....	----	----	----	----	306,081	----	306,081
					\$86,457		\$86,457
Crustacean:							
Shrimp, unclassified.....	----	----	----	440	----	----	440
				\$229			\$229
Mollusk:							
Clam, Pismo.....	----	----	----	79,680	1,963,992	----	2,043,672
				\$1,793	\$44,779		\$46,572
Total pounds.....	7,010	18,640,358	----	80,120	114,748,423	23,272,229	156,748,140
Total value.....	\$3,973	\$2,611,096	----	\$2,022	\$15,815,750	\$3,187,896	\$21,620,737
GRAND TOTAL POUNDS.....	42,648,570	44,025,180	35,132,739	68,771,207	495,898,815	146,442,552	832,919,063
GRAND TOTAL VALUE.....	\$3,534,597	\$5,574,516	\$1,656,307	\$2,453,742	\$45,114,119	\$19,217,131	\$77,550,412

¹ Includes 696,741 pounds of carp, 59,225 pounds hardhead, and 157 pounds of splittail landed in Sacramento area. In September 1957 the Legislature closed the Sacramento River to gill nets. Most of the fish landed in that area (salmon and shad) were taken in gill nets. The foregoing small poundage has been combined with the San Francisco area landings.

² For origin of shipments refer to Table 24.

TABLE 33
Value of Landings and Shipments of Commercial Fish Into California by Area, 1958

TABLE 34
Value of Landings and Shipments by Port,
Eureka Area, 1958

	Value	Pounds
EUREKA AREA TOTALS	\$3,534,597	42,648,570
Eureka		
Crab	\$357,258	3,181,314
Salmon	195,025	440,632
Giant Pacific oyster	148,059	7,402,950
Dover sole	134,123	2,545,034
Albacore	117,250	625,332
English sole	83,347	1,182,234
Petrale sole	59,476	559,507
Rockfish	37,655	941,427
Ocean shrimp	24,013	266,520
Rex sole	18,812	318,841
Sablefish	16,978	247,856
Perch	10,580	71,728
Lingcod	10,008	156,375
Flounder	5,996	120,894
All other	17,494	370,603
Totals	\$1,236,074	18,431,247
Fort Bragg		
Salmon	\$426,318	963,192
Albacore	115,837	617,796
Dover sole	110,907	2,107,223
Rockfish	60,402	1,560,352
Crab	57,158	508,985
Sablefish	54,692	805,015
English sole	50,697	724,203
Petrale sole	41,027	386,014
Ocean shrimp	29,542	327,878
Lingcod	23,018	366,666
Rex sole	12,704	216,046
All other	14,351	371,984
Totals	\$996,683	8,955,354
Crescent City		
Crab	\$519,069	4,622,430
Salmon	74,257	165,808
Ocean shrimp	73,173	812,134
Albacore	24,062	128,332
Whitebait	5,170	71,805
All other	10,905	146,473
Totals	\$706,666	5,946,982
Fields Landing		
Dover sole	\$125,199	2,375,691
Petrale sole	91,045	856,493
English sole	90,808	1,289,336
Crab	61,394	547,029
Rockfish	51,164	1,291,849
Rex sole	17,881	303,073
Hake	16,762	957,818
Lingcod	11,931	186,423
Sablefish	10,351	151,109
Arrowtooth halibut	9,277	437,578
Ocean shrimp	5,458	60,581
All other	7,026	86,938
Totals	\$498,386	8,543,918
Trinidad		
Crab	\$80,894	720,338
Salmon	7,356	16,389
All other	86	1,343
Totals	\$88,336	738,070
Point Arena		
Salmon	\$7,227	16,328
All other	294	2,627
Totals	\$7,521	18,955
All other ports		
All other	\$931	14,044
Totals	\$931	14,044

TABLE 34
Value of Landings and Shipments by Port, Eureka Area, 1958

TABLE 35
Value of Landings and Shipments by Port,
San Francisco Area, 1958 ¹

	Value	Pounds
SAN FRANCISCO AREA TOTALS	\$5,574,516	44,025,180
San Francisco		
Yellowfin tuna.....	\$1,706,500	12,742,442
Albacore.....	1,073,221	6,143,821
Crab.....	572,334	4,196,965
Rockfish.....	127,515	3,198,188
Skipjack.....	82,269	655,820
Salmon.....	71,149	159,094
Petrale sole.....	57,086	558,000
Bigeye tuna.....	48,869	392,838
Dover sole.....	43,950	892,662
English sole.....	28,318	451,910
Sablefish.....	13,820	399,508
Rex sole.....	12,894	228,661
Lingcod.....	11,775	202,194
Sanddab.....	7,907	138,039
All other.....	25,986	696,234
Totals.....	\$3,884,193	31,659,985
Bodega Bay		
Salmon.....	\$449,135	1,009,973
Crab.....	172,082	1,351,781
English sole.....	42,342	680,737
Albacore.....	17,444	88,190
Rockfish.....	14,972	342,839
Ocean shrimp.....	13,917	163,734
Petrale sole.....	8,385	81,093
Lingcod.....	6,723	114,535
Rex sole.....	6,477	115,460
All other.....	23,547	411,113
Totals.....	\$755,024	4,359,475
Point Reyes (Drakes Bay)		
Salmon.....	\$106,575	239,655
Crab.....	76,523	601,126
Giant Pacific oyster.....	37,828	495,776
Rockfish.....	24,754	632,500
English sole.....	20,341	327,018
Petrale sole.....	10,623	102,733
Lingcod.....	10,242	174,486
Rex sole.....	5,697	101,552
All other.....	18,984	398,370
Totals.....	\$311,567	3,093,216
Oakland		
Albacore.....	\$181,022	915,175
Salmon.....	48,630	109,355
Crab.....	14,784	116,139
All other.....	53	335
Totals.....	\$244,489	1,141,004
Sausalito		
Albacore.....	\$103,945	525,508
Crab.....	62,238	489,190
Salmon.....	58,712	132,025
All other.....	101	1,911
Totals.....	\$224,999	1,148,634
Princeton		
Crab.....	\$39,884	313,310
Salmon.....	7,498	16,860
All other.....	6,060	44,011
Totals.....	\$53,442	374,181

TABLE 35
Value of Landings and Shipments by Port, San Francisco Area, 1958

TABLE 35—Continued
Value of Landings and Shipments by Port,
San Francisco Area, 1958 ¹

	Value	Pounds
Clear Lake		
Carp.....	\$25,451	515,200
Hardhead.....	18,239	55,558
Totals.....	\$43,690	570,758
Tomaes Bay (Marshall)		
Pacific herring.....	\$11,117	1,249,087
Eastern oyster.....	9,292	32,087
Giant Pacific oyster.....	7,086	92,870
All other.....	7,917	48,945
Totals.....	\$35,412	1,422,989
All other ports		
Carp.....	\$8,969	181,541
All other.....	12,731	73,397
Totals.....	\$21,700	254,938

¹ Includes 696,741 pounds of carp, 59,225 pounds hardhead, and 157 pounds of splittail landed in Sacramento area. In September 1957 the Legislature closed the Sacramento River to gill nets. Most of the fish landed in that area (salmon and shad) were taken in gill nets. The foregoing small poundage has been combined with the San Francisco area landings.

TABLE 35
Value of Landings and Shipments by Port, San Francisco Area, 1958

TABLE 36
Value of Landings by Port,
Monterey Area, 1958

	Value	Pounds
MONTEREY AREA TOTALS	\$1,656,307	35,132,739
Monterey		
Sardine.....	\$398,706	13,158,625
Rockfish.....	251,236	5,479,752
Albacore.....	137,789	729,426
Squid.....	85,874	3,816,609
Jack mackerel.....	71,614	2,743,831
Salmon.....	37,456	89,806
Lingcod.....	15,897	195,535
English sole.....	15,171	234,475
Petrale sole.....	9,716	97,058
Anchovy.....	9,149	531,930
White seabass.....	6,081	36,875
Pacific herring.....	5,048	130,435
All other.....	24,618	490,403
Totals.....	\$1,068,355	27,734,760
Moss Landing		
Albacore.....	\$250,507	1,326,135
Sardine.....	101,759	3,358,380
Salmon.....	50,247	120,468
Pacific herring.....	19,303	498,789
Crab.....	17,092	121,562
Jack mackerel.....	11,220	429,900
All other.....	12,290	230,534
Totals.....	\$462,418	6,085,768
Santa Cruz		
Salmon.....	\$27,907	66,907
Albacore.....	25,433	134,640
Rockfish.....	22,544	375,380
California pompano.....	11,276	36,550
White seabass.....	8,451	51,251
Sardine.....	8,088	266,934
All other.....	21,835	380,549
Totals.....	\$125,534	1,312,211

TABLE 36
Value of Landings by Port, Monterey Area, 1958

TABLE 37
Value of Landings and Shipments by Port,
Santa Barbara Area, 1958

	Value	Pounds
SANTA BARBARA AREA TOTALS	\$2,453,742	68,771,207
Morro Bay		
Sardine.....	\$652,915	28,387,600
Albacore.....	141,067	744,830
Rockfish.....	96,982	2,505,049
Jack mackerel.....	64,265	3,060,254
Giant Pacific oyster.....	32,149	1,607,466
Abalone.....	30,715	232,515
Salmon.....	29,471	61,602
Crab.....	15,920	110,784
White seabass.....	11,905	73,354
Petrale sole.....	10,742	105,063
Lingcod.....	8,531	110,366
Ocean shrimp.....	8,051	88,763
Perch.....	5,934	26,590
All other.....	13,771	179,165
Totals.....	\$1,123,618	37,293,341
Santa Barbara		
Abalone.....	\$161,191	1,269,688
Spiny lobster.....	64,560	116,619
White seabass.....	50,746	312,666
Swordfish.....	34,585	102,172
Pacific mackerel.....	27,328	1,295,185
Petrale sole.....	24,588	240,348
Rockfish.....	20,353	550,273
California halibut.....	19,945	87,365
Sardine.....	11,298	488,630
English sole.....	9,352	143,222
All other.....	12,744	297,619
Totals.....	\$436,530	5,663,187
Port Huonoma		
Sardine.....	\$325,184	14,138,445
Pacific mackerel.....	49,361	2,339,369
Jack mackerel.....	24,546	1,168,876
Abalone.....	13,825	135,935
All other.....	15,125	211,252
Totals.....	\$428,041	17,993,877
Port San Luis (Avila)		
Albacore.....	\$215,162	1,131,239
Sardine.....	94,189	4,065,180
Jack mackerel.....	40,040	1,906,679
Salmon.....	19,597	40,889
Petrale sole.....	14,933	145,970
Abalone.....	10,566	79,987
Crab.....	8,096	56,341
Anchovy.....	6,001	512,900
All other.....	16,417	208,410
Totals.....	\$425,001	8,177,595
San Simcon		
Abalone.....	\$24,236	183,465
Totals.....	\$24,236	183,465
All other ports		
Abalone.....	\$15,323	116,331
All other.....	1,593	3,411
Totals.....	\$16,916	119,742

TABLE 37
Value of Landings and Shipments by Port, Santa Barbara Area, 1958

TABLE 38
Value of Landings and Shipments by Port,
Los Angeles Area, 1958

	Value	Pounds
LOS ANGELES AREA TOTALS	\$45,114,119	495,898,815
Terminal Island		
Yellowfin tuna	\$20,573,847	150,583,910
Skipjack	8,446,071	74,662,194
Albacore	5,455,936	31,022,533
Bluefin tuna	3,493,359	26,606,699
Sardine	3,418,731	127,564,578
Bigeve tuna	435,932	3,517,781
Pacific mackerel	312,038	12,633,098
Jack mackerel	254,248	10,169,904
Bonito	141,916	3,697,376
Squid	38,063	2,335,180
Pismo clam	27,009	1,184,592
Oriental tuna	24,229	164,710
Anchovy	19,494	1,522,950
Spiny lobster	9,988	15,700
All other	230	1,829
Totals	\$42,645,091	445,683,034
San Pedro		
White seabass	\$166,008	1,343,104
Spiny lobster	119,168	187,312
Bluefin tuna	98,851	751,340
Pacific mackerel	95,116	3,850,865
Swordfish	62,264	176,786
Sardine	60,292	2,249,684
Anchovy	53,852	4,307,210
Grouper	52,175	309,094
California barracuda	44,482	337,239
Rockfish	37,443	347,986
Yellowfin tuna	27,577	204,276
Black sea bass	27,186	200,488
Squid	18,555	1,138,342
Seulrin	17,094	59,520
California halibut	16,334	62,509
Jack mackerel	13,673	546,918
White croaker	13,485	392,799
Alabone	10,287	132,480
Yellowtail	6,841	75,419
Shark	6,167	54,809
California pompano	6,076	38,025
Bonito	5,577	145,231
All other	21,647	370,239
Totals	\$979,950	17,181,675
Los Angeles		
Salmon	\$305,921	457,759
Sablefish	40,284	224,674
Pismo clam	13,349	585,480
All other	61,423	322,303
Totals	\$450,977	1,590,216
Long Beach		
Sardine	\$254,839	9,508,911
Spiny lobster	34,377	54,035
Anchovy	27,648	2,159,995
Pacific mackerel	25,954	1,050,753
Jack mackerel	18,515	740,584
Rockfish	15,524	131,826
All other	2,198	19,328
Totals	\$379,055	13,665,432

TABLE 38
Value of Landings and Shipments by Port, Los Angeles Area, 1958

TABLE 38—Continued
Value of Landings and Shipments by Port,
Los Angeles Area, 1958

	Value	Pounds
Newport Beach		
Ahalone.....	\$111,168	1,443,735
Pacific mackerel.....	86,359	3,496,333
Bonito.....	33,035	860,293
Swordfish.....	32,222	91,489
Spiny lobster.....	18,473	29,636
White seabass.....	15,467	124,652
Wahoo.....	8,203	23,557
Shark.....	7,678	68,464
Jack mackerel.....	6,971	278,856
California barracuda.....	5,608	42,518
All other.....	7,454	133,989
Totals.....	\$332,578	6,592,922
Wilmington		
Sardine.....	\$103,635	3,866,962
Pacific mackerel.....	66,191	2,679,783
Jack mackerel.....	22,310	892,409
Anchovy.....	16,114	1,258,917
White croaker.....	7,749	219,517
All other.....	7,584	256,542
Totals.....	\$223,583	9,174,130
Santa Monica		
California barracuda.....	\$15,581	118,127
Anchovy.....	15,514	1,212,067
Sardine.....	8,718	325,298
Spiny lobster.....	7,702	12,106
All other.....	9,409	135,118
Totals.....	\$56,924	1,802,716
Redondo Beach		
Rock crab.....	\$8,312	89,571
Spiny lobster.....	7,842	12,327
All other.....	2,067	37,609
Totals.....	\$18,221	139,507
Dana Point		
Spiny lobster.....	\$10,319	16,220
All other.....	105	1,341
Totals.....	\$10,424	17,561
San Clemente		
Spiny lobster.....	\$10,177	15,997
Totals.....	\$10,177	15,997
All other ports		
All other.....	\$7,139	35,625
Totals.....	\$7,139	35,625

TABLE 38
Value of Landings and Shipments by Port, Los Angeles Area, 1958

TABLE 39
Value of Landings and Shipments by Port,
San Diego Area, 1958

	Value	Pounds
SAN DIEGO AREA TOTALS.....	\$19,217,131	146,442,552
San Diego		
Skipjack.....	\$8,511,144	72,838,867
Yellowfin tuna.....	7,417,264	54,543,307
Albacore.....	2,080,254	10,207,042
Bluefin tuna.....	505,120	3,890,552
Bigeye tuna.....	254,377	1,481,520
White seabass.....	123,771	816,434
Spiny lobster.....	74,203	120,127
Abalone.....	40,419	487,147
Bonito.....	30,778	714,117
California barracuda.....	28,551	241,754
Swordfish.....	28,329	79,199
Rockfish.....	22,402	283,416
California halibut.....	17,065	69,454
Shark.....	14,201	174,958
Yellowtail.....	5,699	79,377
All other.....	21,303	214,771
Totals.....	\$19,174,880	146,242,102
Oceanside		
California barracuda.....	\$7,611	64,442
All other.....	5,727	33,766
Totals.....	\$13,338	98,208
Cardiff		
Spiny lobster.....	\$11,102	17,973
All other.....	19	210
Totals.....	\$11,121	18,183
La Jolla		
Spiny lobster.....	\$5,536	8,963
All other.....	3,821	31,500
Totals.....	\$9,357	40,463
All other ports		
All other.....	\$8,435	43,596
Totals.....	\$8,435	43,596

TABLE 39
Value of Landings and Shipments by Port, San Diego Area, 1958

TABLE 40
Statewide Party Boat¹ Catch and Angler Days, 1949 Through 1958

Species	Number of fish									
	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958
Albacore.....	22,602	114,087	73,924	187,267	23,363	20,088	78,088	68,814	41,540	6,182
Barracuda, California.....	366,423	296,267	200,545	338,962	170,550	242,532	131,062	82,003	527,184	782,723
Halibut, California.....	104,639	83,935	39,293	34,138	34,292	59,674	35,502	21,661	10,266	16,192
Kelp bass.....	796,939	619,297	781,600	533,532	711,268	878,697	87,743	170,267	600,671	633,671
Rockfish.....	570,637	679,164	721,508	709,001	696,190	1,149,397	1,737,707	2,036,708	1,306,131	1,561,132
Salmon.....	23,057	56,337	71,970	85,472	98,723	119,911	128,978	114,905	44,701	52,676
Seahorse, white.....	65,846	54,714	16,207	41,943	28,182	43,388	30,103	19,755	19,600	14,600
Yellowtail.....	17,710	6,971	23,721	36,283	37,702	40,872	36,468	29,198	232,696	123,284
All other.....	372,132	313,437	302,405	318,974	689,471	683,909	413,832	417,780	561,816	720,581
Total number of fish.....	2,339,794	2,190,413	2,350,644	2,305,675	2,280,158	3,274,527	3,113,003	3,762,995	3,903,974	3,960,880
Number of angler days.....	469,915	544,264	556,949	562,898	502,146	532,190	496,296	523,063	536,175	518,175

¹ Does not include barges.
² Includes sand bass.

TABLE 40
Statewide Party Boat Catch and Angler Days, 1949 Through 1958

TABLE 41
Recorded Catch of Live Bait ¹ for Saltwater Sportfishing, 1954-1958
(Pounds)

Species	1954	1955	1956	1957	1958
Anchovy.....	13,372,042	12,250,880	12,663,614	8,220,275	8,471,746
Croaker, white.....	56,650	33,155	34,050	39,173	18,618
Mackerel, jack.....	405	---	---	---	6,206
Queenfish.....	67,258	57,571	6,900	72,139	43,645
Sardine.....	137,563	80,955	15,770	913,202	1,388,592
Sardine, "firecrackers".....	2,880	37,259	270	698,539	143,615
Smelt.....	26,187	21,983	7,650	21,272	22,031
Other species.....	8,786	3,767	225	3,424	3,402
Total pounds.....	13,671,771	12,485,580	12,728,179	9,968,024	10,097,855
Number of boats reporting.....	23	22	18	17	24

¹ Pounds based on conversion of number of scoops reported. This conversion factor obtained from field sampling in 1954 through 1956: 14 pounds per scoop; 1957 and 1958: 10.7 pounds per scoop.

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TABLE 41
Recorded Catch of Live Bait for Saltwater Sportfishing, 1954-1958