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**STATE OF CALIFORNIA DEPARTMENT OF FISH AND GAME
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 mordaz</i>	Seabass, white	<i>Cynoscion nobilis</i>
Barracuda, California	<i>Sphyraena argentea</i>	Seatrust, greenling	<i>Hexagrammos decagrammus</i>
Bonito	<i>Sarda chrysopasta</i>	Sole	<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>Iurus glauces</i>
Croaker, white	<i>Gymnophorus lineatus</i>	Dogfish	<i>Squalus acanthias</i>
Small amounts of queenfish	<i>Seriola politus</i>	Leopard	<i>Triakis semifasciata</i>
Dolphinfish	<i>Coryphaena hippurus</i>	Soufrière	<i>Galeorhinus zyopterus</i>
Eel		Thresher	<i>Alopias vulpinus</i>
California moray	<i>Gymnothorax mordaz</i>	Varying amounts of others	
Monkface-eel	<i>Cebidichthys violaceus</i>	Sheep-head	<i>Pimeleotropus pulchrum</i>
Rock-eel	<i>Xiphister mucosus</i>	Sierra	<i>Scomberomorus sierra</i>
Flounder		Seatear	
Stay flounder	<i>Platichthys stellatus</i>	Bl	<i>Raja binoculata</i>
Small amounts of other flatfishes		California	<i>Raja inornata</i>
Flyingfish	<i>Cypselurus californicus</i>	Longnose	<i>Raja rhina</i>
Grouper	<i>Myxopercaria species</i>	Smelt	
Hake	<i>Merluccius productus</i>	Grunion	<i>Leuresthes tenuis</i>
Halfmoon	<i>Merluccius californiensis</i>	Jacksmelt	<i>Atherinopsis californiensis</i>
Halibut, arrowtooth	<i>Atheresthes stomias</i>	Surf	<i>Hypomesus pretiosus</i>
Halibut, California	<i>Paralichthys californicus</i>	Topsmelt	<i>Atherinops affinis</i>
Halibut, Pacific	<i>Hippoglossus stenolepis</i>	Sole	
Hardhead		Dover	<i>Microstomus pacificus</i>
Sacramento black- fish	<i>Orthodon microlepidotus</i>	English	<i>Parophrys vetulus</i>
Hardhead	<i>Mylepharodon concolor</i>	Petrale	<i>Eopsetta jordani</i>
Herring, Pacific	<i>Clupea pallasi</i>	Rex	<i>Gymnophthalmus zachirus</i>
Lingcod	<i>Ophiodon elongatus</i>	Sand	<i>Psettichthys melanostictus</i>
Mackerel, jack	<i>Trachurus symmetricus</i>	Varying amounts of others	
Mackerel, Pacific	<i>Pneumatophorus diego</i>	Splittail	<i>Pogonichthys macrolepidotus</i>
Opah-eye	<i>Girella nigricans</i>	Sturgeon	<i>Acipenser species</i>
Perch	Members of family Embiotocidae	Swordfish	<i>Xiphias gladius</i>
Pompano, California	<i>Palometa simillima</i>	Tuna	
Raftfish	<i>Hydrodagus collettei</i>	Albacore	<i>Thunnus gerio</i>
Rockbass		Bigeye	<i>Parathunnus sibi</i>
Kelp bass	<i>Paralichthys clathratus</i>	Bluefin	<i>Thunnus saliens</i>
Sand bass	<i>Paralichthys nebulosus</i>	Skatejack	<i>Katsuwonus pelamis</i>
Rockfish	All species of <i>Sebastodes</i> and <i>Sebastodes</i>	Yellowfin	<i>Neothunnus macrourus</i>
Sablefish	<i>Anoplopoma fimbria</i>	Tulbot	
Salmon		Carlin	<i>Pleuronichthys decurrens</i>
King	<i>Oncorhynchus tshawytscha</i>	Diamond	<i>Hypoplectra guttulata</i>
Silver	<i>Oncorhynchus kisutch</i>	Hornhead	<i>Pleuronichthys verticalis</i>
Sanddab	<i>Citharichthys sordidus</i>	Small amounts of others	
Sardine	<i>Sardinops caerulea</i>	Wahoo	<i>Acanthocybium solandri</i>
Sargo, California	<i>Anisotremus davidsoni</i>	Whitebait	<i>Allosmerus elongatus</i>
Sculpin	<i>Scorpaena guttata</i>		<i>Spirinchus starksii</i>
Sculpin, staghorn	<i>Leptocottus armatus</i>		Young of several others
Sea bass, black	<i>Stereolepis gigas</i>	Whitefish, ocean	<i>Caudatilus princeps</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>Crangus franciscorum</i>
	<i>Cancer antennarius</i>		<i>Crangus nigrorufa</i>
Lobster, spiny	<i>Panulirus interruptus</i>	Shrimp, ocean	<i>Pandalus jordani</i>
		Small amounts of others	
MOLLUSKS			
Absalone		Otopus	<i>Parotopus appolyon</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>Ostrea lurida</i>
Gaper	<i>Schizothaerus nuttalli</i>	Snail, sea	<i>Polinices species</i>
Jackknife	<i>Tagelus californianus</i>		<i>Kelletia kelletii</i>
Pismo	<i>Tivela stultorum</i>	Squid	<i>Loligo opalescens</i>
Washington	<i>Sazidomus nuttalli</i>		

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

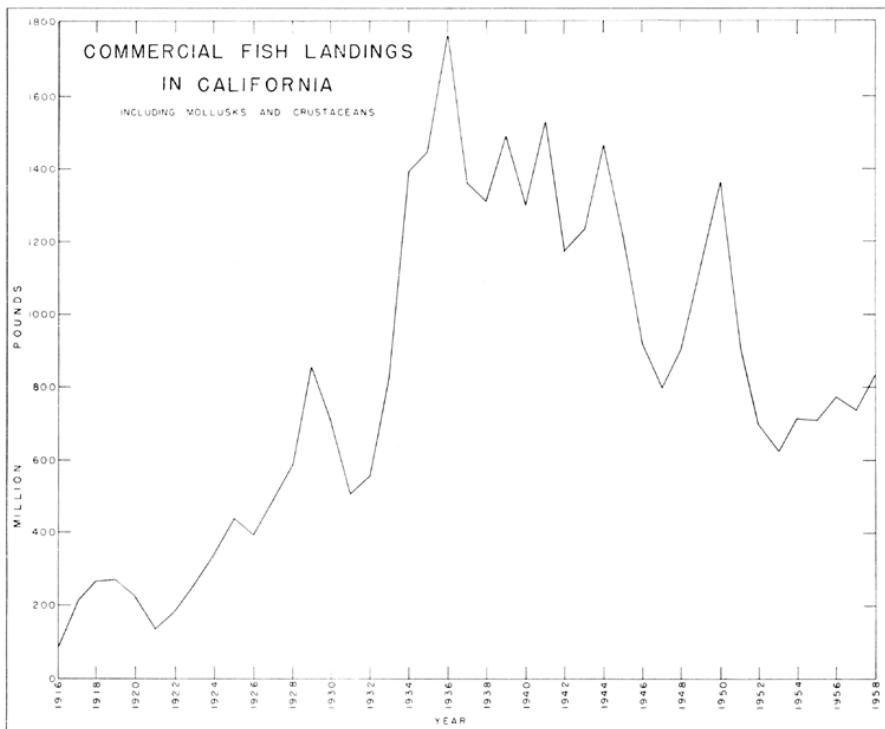


FIGURE 2. Total annual landings and shipments into California. Includes sardine deliveries to reduction ships 1930-38. See Table 2.

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

Species	1957		1958		Species	1957		1958		DEPARTMENT OF FISHERIES AND GAME
	Thousands of Pounds	Rank	Thousands of Dollars	Rank		Thousands of Pounds	Rank	Thousands of Dollars	Rank	
Yellowfin tuna.....	182,012	1	\$21,613	1	Yellowfin tuna.....	218,675	1	\$29,725	1	
Skate.....	111,436	2	12,514	3	Sardine.....	207,446	2	5,439	4	
Above.....	52,298	3	12,441	2	Salmon.....	141,154	3	1,514	2	
Jack mackerel.....	82,012	4	1,603	8	Albacore.....	51,673	4	9,546	3	
Pacific mackerel.....	62,944	5	1,230	9	Bluefin tuna.....	313,9	5	4,097	5	
Swordfish.....	45,862	6	1,787	6	Pacific mackerel.....	27,618	6	672	10	
Anchovy.....	40,149	7	507	12	Bluefin tuna.....	27,699	7	321	11	
Bluefin tuna.....	20,618	8	2,149	4	Rockfish.....	17,842	8	394	8	
Cod.....	10,118	9	1,610	10	Crab.....	17,283	9	2,061	6	
Rockfish.....	10,001	10	1,681	10	Giant Pacific oyster.....	150	10	150	10	
Squid.....	12,449	11	206	17	Dover sole.....	9,659	11	225	17	
Giant Pacific oyster.....	11,668	12	251	16	Sole.....	8,653	12	111	13	
Dover sole.....	7,932	13	889	13	Squid.....	7,457	13	146	20	
Salmon.....	5,214	14	1,015	14	Abalone.....	5,558	14	117	18	
Ahalone.....	5,432	15	387	11	Bigeye tuna.....	5,392	15	239	9	
English sole.....	4,820	16	317	15	English sole.....	5,130	16	348	15	
Petrale sole.....	2,157	17	315	14	Abalone.....	4,224	17	422	12	
Flagfish.....	3,108	18	79	18	Salmon.....	4,22	18	1,529	19	
Salmon.....	2,468	19	192	18	Petrale sole.....	3,158	19	331	16	
Lingcod.....	1,749	20	120	19	White seabass.....	2,850	20	395	14	
All others.....	17,612		2,070		All others.....	21,213		1,247		
Totals.....	738,550		\$65,007		Totals.....	832,919		\$77,500		

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.....	28,690	28,690	
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.....	320,325	497,638	511	827,474	
Tuna, skipjack.....	46,462	46,462	
Tuna, yellowfin.....	8,191,674	160,000	30,547,194	1,078,182	39,977,090	
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	110,547,209	

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	---	295,523	40,547,526	547	40,547,526
Barracuda, California.....	387,143	---	682,669	682,669	683,213	683,213
Bonito.....	110,171	---	108,975	210,149	---	210,149
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	247,688
Hake.....	1,180,978	19,018	---	1,149,966	---	1,149,966
Halibut.....	12,872	---	---	12,872	---	12,872
Halibut, arctoooth.....	918,773	14,942	---	933,715	---	933,715
Halibut, California.....	332,534	---	44,231	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.....	82,011,755	---	---	82,011,755	---	82,011,755
Mackerel, Pacific.....	62,043,775	---	---	62,043,775	---	62,043,775
Opaheye.....	3,138	2,060	5,198	5,198	---	5,198
Perch.....	245,028	600	245,628	245,628	---	245,628
Pompano, California.....	76,750	---	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	268,540	2,468,322
Salmon.....	5,498,733	---	---	5,198,733	175,120	5,673,853
Sanddab.....	691,183	900	---	692,083	---	692,083
Sardine.....	45,861,931	---	175	45,862,106	---	45,862,106
Sauri.....	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.....	1,261,955	---	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	---	7,032,137	---	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	43,925,245	39,564,027	83,089,272	83,089,272
Tuna, bigeye.....	---	443	443	827,474	---	827,474
Tuna, bluefin.....	10,462,664	9,851,982	20,314,546	323,024	20,637,570	20,637,570
Tuna, skipjack.....	353,455	90,194,258	90,547,713	20,888,590	111,436,303	111,436,303
Tuna, yellowfin.....	70,853	136,881,984	136,955,837	45,085,798	182,041,635	182,041,635
Turbot.....	96,055	---	96,055	---	96,055	96,055
Wahoo.....	---	23,477	23,477	---	23,477	23,477
Whitebait.....	243,600	---	243,600	---	243,600	243,600
Whitefish, ocean.....	304	530	834	834	---	834
Yellowtail.....	150,898	358,053	508,951	7,022	515,973	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	California waters	Landings from			Shipments ¹	Grand total
		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, gaper	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													
Anchoa.....	5,825,365	6,122,318	4,630,145	5,115,560	5,730,718	3,984,695	4,251,161	2,598,469	476,100	1,069,055	697,180	381,310	40,517,526
Barracuda, California.....		87,420	107,460	120,200	125,110	125,000	121,000	75,214	80,300	50,372	63,317	31,500	216,110
Bass, striped.....	17,466	9,280	14,311	24,715	23,860	11,300	4,320	5,205	22,120	21,203	22,181	7,521	50,303
Cabron.....	468	1,556	1,411	363	1,493	1,333	515	748	2,117	1,040	941	1,211	13,206
Codville.....	11,818	16,250	10,996	27,183	383	14,097	81,023
Cory.....	6,840	10,190	6,175	7,000	43,710	10,300	31,300	31,457	28,100	54,300	34,300	15,300	130,300
Docke, white.....	47,365	61,725	47,287	20,563	32,209	47,180	32,988	27,480	28,500	28,672	45,001	42,115	535,303
Dolphinfish.....	47,111	186	117	303
Dorado.....	5,219	83,307	26,163	60,094	63,520	48,600	117	18,925	26,732	30,215	15,300	12,275	13,200
Flyingfish.....	983	8,972	4,213	4,556	1,239	19,015
Grouper.....	69,619	53,257	19,202	110	13,555	18,205	6,250	1,745	17,965	67,272	247,688
Hake.....	22,451	64,553	31,693	67,693	291,309	109,553	137,330	180,058	101,991	89,820	8,962	31,701	114,993
Hallibut, green.....	1,448	2,000	5,588	5,588	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	11,872
Hallibut, arrowtooth.....	22,115	41,176	57,913	20,184	148,614	150,202	115,351	156,787	99,679	45,514	7,429	19,323	303,524
Hallibut, California.....	37,110	32,638	69,060	48,338	26,742	6,840	37,276	32,903	13,307	21,083	17,360	26,908	376,815
Haddock, Pacific.....	7,358	6,574	5,533	1,322	1,421	1,421	1,421	3,763	3,763	3,293	11,023	4,739	20,203
Haddock,	10,229	17,692	5,545	102,412	175,663	73,291	142,119	47,135	27,563	43,700	16,164	1,344	118,930
Herring, Pacific.....	301,630	267,724	267,724	267,724	267,724	267,724	267,724	267,724	267,724	267,724	267,724	267,724	1,189,460
Lingcod.....	67,669	107,001	49,881	51,623	187,471	174,872	205,619	279,422	231,177	120,481	92,912	77,321	1,632,634
Mackerel, jack.....	16,473,414	17,943,773	8,729,330	4,607,258	2,980,277	4,646,775	1,083,609	3,270,014	2,038,454	9,711,172	9,350,010	246,384	82,011,743
Mackerel, Pacific.....	4,855,580	7,348,388	7,348,388	7,348,388	7,348,388	7,348,388	7,348,388	7,348,388	7,348,388	7,348,388	7,348,388	7,348,388	34,810,62,011,778
Opah.....	1,106	1,039	1,039	1,039	1,039	1,039	1,039	1,039	1,039	1,039	1,039	1,039	4,100
Percy.....	34,614	48,418	14	1,626
Porgy, California.....	987	5,324	3,240	3,240	3,240	3,240	3,240	4,107	7,999	7,112	3,094	14,922	8,825
Rattail.....	987	987	987	987	987	987	987	987	987	987	987	987	11,203
Rock bass.....	2,218	409	2,826
Rockfish.....	1,361,880	1,270,667	1,618,331	1,222,361	1,231,101	1,179,003	1,322,925	1,311,821	1,149,198	1,211,451	1,144,912	1,295,301	10,091,270
Sabretooth.....	120,420	130,600	127,940	127,940	127,940	127,940	127,940	127,940	127,940	163,312	137,075	124,808	2,017,282
Salmon.....	4,485	2,058	1,027	1,027	1,027	1,027	1,027	1,027	1,027	978,803	541,314	8,495,753	10,495,753
Sardines.....	70,809	66,536	76,541	62,963	63,341	40,058	71,409	61,943	53,300	63,274	28,627	30,324	692,083
Sardine.....	1,454,174	419,880	39,888	215,483	419,105	355,854	270,238	473,543	11,615,011	12,633,182	13,195,201	4,770,464	45,892,103
Sauri.....	117,860	172,277	876	425	1,320	3,444	16,181	21,532	15,003	4,837	1,029	3,723	117,850
Solefish.....	1,222	1,222	1,222	1,222	1,222	1,222	1,222	1,222	1,222	1,222	1,222	1,222	1,222
Seabream, starboard.....	175	105	85	55	89	303	585	210	1,605
Sea bass, black.....	18,416	26,014	17,473	16,809	8,211	36,972	10,672	170	4,273	22,091	13,904	242,383	1

THE MARINE FISH CATCH OF CALIFORNIA

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
Sabine, white.....	21,427	65,199	31,743	30,233	44,874	36,721	205,218	437,843	217,291	165,779	119,573	131,999	1,467,045
Sabine, green.....	12	2	1	1	446	294	313	39	211	252
Sardine.....	58,511	362,327	210	416,018
Shad.....	129,521	21,365	116,116	119,292	63,081	84,727	33,177	17,907	30,721	43,621	38,011	26,310	728,032
Shore-plover.....	1,601	4,619	25	303	357	7	100	1,117	1,431	2,711	11,033
Silverside.....	457	457
Skate.....	25,063	15,414	22,264	24,687	18,217	5,500	7,700	11,025	4,022	9,615	8,585	18,185	171,678
Smelt.....	18,854	7,225	20,123	18,738	28,216	26,981	72,311	18,123	23,981	11,381	11,131	37,472	111,472
Sole, Dusky.....	13,141	14,020	490,322	328,072	1,011,201	1,139,123	1,000,063	1,000,063	1,000,063	419,342	220,713	220,713	2,139,123
Sole, English.....	429,347	427,870	371,721	283,500	331,120	317,367	312,515	437,546	536,965	521,628	385,018	432,572	4,819,872
Sole, petrale.....	212,275	167,876	188,212	142,368	257,533	294,372	248,529	430,200	401,331	236,374	311,905	450,046	3,150,733
Sole, rex.....	155,528	119,190	102,549	106,562	106,927	77,961	72,779	116,661	111,509	93,333	82,318	111,261	1,231,102
Sole, sand.....	4,499	3,000	3,000	1,549	1,549	1,549	1,549	1,549	1,549	6,161	6,099	6,099	24,069
Sole, miscellaneous.....	2,652	2,005	874	2,092	770	194	6,047	9,059	472	181	483	4,811	25,130
Squid.....	185	192	977
Surfperch.....	426,120	38,708	11,005	370	31,179	9,648	24,148	94,193	144,727	69,642	12,749	236
Tuna, bonito.....	250,917	5,535	55	1,514,860	7,601,655	10,982,440	12,891,460	7,489,460	8,577,460	8,577,460	44,413
Tuna, bluefin.....	114	260,917	5,535	1,514,860	7,601,655	14,414,552	235,000	20,311,241
Tuna, yellowfin.....	11,910,812	7,065,511	3,465,610	3,347,006	4,638,995	6,916,707	6,791,073	6,916,971	1,410,031	10,17,302	5,110,914	4,851,268	90,512,743
Turbot.....	10,031,205	10,192,963	13,725,363	18,412,921	19,508,093	18,372,219	10,308,886	6,011,800	9,205,440	8,082,822	5,413,268	6,821,160	18,953,827
Wahoo.....	11,818	6,788	8,916	9,142	5,502	4,224	2,903	6,570	5,401	10,596	6,981	11,734	95,055
Whiting.....	4,642	1,202	12,722	317	4,057	2,576	665	5,488	1,500	1,574	1,461	23,477	24,069
Whitefish, ocean.....	10,622	21,547	30,060	10,407	55,700	26,600	26,746	11,665	1,500	329	15	834	24,069
Yellowtail.....	31,150	83,677	91,563	60,140	47,804	86,157	1,352	280	4,600	38,540	35,381	11,917	13,697
Miscellaneous fish.....	85	8	492	441	556	48	4,383	50	4,383	4,383	4,383	4,383	11,390
Crustacean:													
Crab,	2,878,702	2,868,719	2,970,833	2,746,681	1,979,115	1,100,388	1,786,279	2,747,972	18,118,484				
Crab, rock.....	14,451	10,089	7,354	12,685	10,275	10,754	18,332	16,183	17,255	11,932	11,125	13,829	151,131
Lobster, spiny.....	79,788	69,211	26,903	20	25	18	56	58	109,281	147,849	12,622	647,547
Prawn, ocean.....	10	10	10	10	10	10	10	10	10	10	10	10	75
Shrimp, bay.....	40,433	21,600	21,083	17,613	10,125	26,100	8,722	13,274	17,466	10,810	2,503	2,982	192,811
Shrimp, ocean.....	40,433	21,600	16,113	325,622	293,510	117,470	435,703	249,397	44,040	1,376,641

TABLE 8
Monthly Landings and Shipments Into California During 1957

THE MARINE FISH CATCH OF CALIFORNIA

Mollusks:																		
Absidinae.....	150,137	... 10	200,155	536,321	502,583	595,753	491,019	581,288	579,031	493,381	603,266	525,980	5,421,514	... 69	... 29	... 287	... 358	... 1,509
Climacina.....	121	220	10	149	1,276	2,310	2,216	1,749	1,277	410	330	227	12,158	281	258	358	2,700	3,106
Climacina, Washington.....	376	1,092	603	541	156	277	281	277	30,520	2,700	2,700	2,700	2,700	30,520
Octopus.....	6,745	6,367	1,362	1,847	1,702	950	2,002	1,917	1,886	2,002	1,702	1,702	1,702	2,002	1,702	1,702	1,702	1,702
Oyster, eastern.....	10,260	12,069	11,137	7,283	10,917	9,374	9,137	10,100	11,979	7,500	5,211	10,494	118,831
Oyster, giant Pacific.....	1,397,400	1,317,243	1,389,017	1,230,546	998,111	386,411	320,209	392,907	1,284,682	1,427,566	995,639	11,097,644	16,840
Oyster, giant, Pacific.....	7,357	9,114	213	369	13,684	17,439	14,522	6,507	726	1,031	4,067	12,285	7,555	8,584	974	45	852	...
Oyster, native.....	53	213	213	213	213	213	213	213	213	213	213	213	213	213	213	213	213	213
Sea snail.....	77,115	88,130	291,250	17,655	2,361,105	2,317,215	4,726,151	1,118,455	179,055	2,361,105	2,317,215	4,726,151	1,118,455	179,055	2,361,105	2,317,215	4,726,151	179,055
Squid.....	22	23	34	34	34	34	14	63	63	34	34	34	34	34	34	34	34	34
Miscellaneous mollusk.....
Total pounds.....	59,450,414	59,023,096	90,531,918	81,664,535	47,416,651	9,180,466	53,951,505	60,037,700	61,111,786	70,330,204	56,122,739	29,447,138	626,003,173

¹ For origin of shipments refer to Table 6.

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TABLE 8—Cont'd.

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	DEPARTMENT OF FISH AND GAME
LANDINGS FROM:														
California waters:														
Fish:														
Ashley.....	100	980	980	100
Cod.....	220	220
Croaker, white.....	9,565	12,745	32,716	5,931	2,031	8,227	132,972	23,231
Flounder.....	8,701	17,489	3,483	4,647	21,319	9,063	17,438	107,133	160,785	92,318	55,230	4,387	31,263	976,903
Gillnet.....	31,273	54,763	36,713	40,861	17,438	139,954	107,133	160,785	92,318	55,230	4,387	31,263	976,903	25,799
Hallibut, green tooth.....	32,485	43,881	54,310	50,356	114,932	143,205	109,747	150,954	95,029	44,889	7,209	19,325	895,108	42,270
Hallibut, Pacific.....	2,979	12,211	1,245	1,230	1,230	1,230	1,230	1,230	1,230	6,706
Herring, Pacific.....	19,672	8,200	4,162	1,230	1,230	1,230	1,230	1,230	1,230	1,230
Lamprey.....	29,535	54,391	15,419	25,118	95,169	106,432	107,476	213,112	180,555	65,512	34,253	30,678	954,714	3,000
Mackerel, jack.....	500	500	500
Porich.....	5,004	9,271	16,701	20,563	20,061	36,906	33,668	10,099	6,215	8,691	130,110
Rockfish.....	115,103	193,068	397,597	278,066	351,288	320,804	409,736	499,163	562,043	193,296	178,542	180,691	3,693,673	1,303,171
Sablefish.....	96,703	80,778	63,077	24,066	94,314	118,511	110,141	219,202	192,471	107,288	112,885	100,645	1,303,171	3,000,111
Sandlsh.....	9,164	20,345	17,023	9,359	11,358	12,931	20,267	20,267	20,267	20,267	20,267	20,267	20,267	20,267
Shad.....
Shark.....	110	572	20	1,714	1,752	2,939	2,864	9,981
Skate.....	**22	**76	**41	1,382	2,831	7,531	33,706	32,633	25,121	4,231	200	3,037	1,000,169	1,000,169
Sole, Dover.....	63,972	105,150	92,927	123,098	729,077	811,902	975,319	1,251,478	1,056,446	662,671	388,001	156,314	6,933,288	2,430,621
Sole, English.....	180,053	227,929	157,872	109,053	167,300	193,316	172,142	214,602	302,815	233,173	184,232	239,406	1,000,169	1,000,169
Sole, petrale.....	130,883	94,414	73,294	69,077	122,453	140,033	131,406	235,010	280,105	116,497	176,331	316,780	1,000,169	1,000,169
Sole, sand.....	100	45,191	39,161	44,075	76,460	61,306	55,126	50,804	50,804	51,256	39,813	31,685	70,121	1,000,169
Sole, sand.....	134	1,090	987	555	102	187	187	1,168	1,168	50	50	1,008	4,967	4,967
Tuna, albacore.....	134	1,710	1,683	2,069	13,805	993,928	1,313,259	9,097	2,331,723
Tuna, bluefin.....	53	53
Turbot.....	808	208	2,426	969	232	277	80	292	1,014	59	130	1,140	7,750	7,750
Whelk.....	1,063	8,329	12,124	27,111	35,869	22,836	20,372	3,886	27	4,205	542	135,150	440
Miscellaneous fish.....	20	35	4,340	4,340	4,340	4,340	4,340	9,944

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

THE MARINE FISH CATCH OF CALIFORNIA

Crustacean:																			
Crab, ocean.	636,935	1,449,000	2,471,384	2,500,039	1,817,775	1,097,801	41,600	435,793	219,237	41,940	227,949	10,204,008	923,678
Shrimp, ocean.	97,399	59,337	59
Mollusk:																			
Clam, Washington.	376	1,007	503	541	156	277	381	358	3,399
Otterfish.	170	1,235	1,235	180	110	755	245	50	560	3,701
Oyster, California Pacific.	1,341	1,163,311	1,296,000	1,098,120	954,529	343,200	342,796	1,111,680	1,095,350	681,245	9,303,132	16,363
Oyster, Kumamoto.	7,452	9,114	12,691	16,569	13,600	5,610	4,250	11,700	6,240	7,055	78,740
Oyster, native.
Total pounds.	2,717,569	3,502,883	4,735,707	4,160,335	5,588,471	4,089,014	2,680,518	4,191,124	4,802,200	4,115,108	2,218,640	2,101,023	46,397,289
Waters north of State:																			
Fish:																			
Pomander.	80	654	175	100
Hake.	3,500	5,542	2,122	553	3,500	3,145	10,018
Hake, greenooth.	20	272	28	5,000	1,107	1,107	11,400
Lingcod.	20	272	183	8,352	1,803	3,532	1,166	8,417	939	572	260	25,681
Rockfish.	1,082	6,832	12,018	15,521	7,180	10,560	5,190	17,691	12,865	10,368	1,279	100,925
Sablefish.	722	1,128	9,721	9,004	5,638	11,000	13,570	10,780	891	856	4,171	67,597
Sardine.	70	40	5
Sole, Dover.	3,465	28,889	137,017	142,653	146,168	170,988	139,210	118,749	28,498	15,414	49,355	681,110
Sole, English.	2,020	1,559	5,951	2,298	2,343	426	11,559	1,431	8,583	4,094	40,674
Sole, flat.	6,144	410	1,000	5,521	21,100	12,679	2,500	9,049	10,010	21,531	11	188,000
Sole, red.	183	1,317	1,302	1,629	60	2,003	93	309	230	9,170
Crustacean:																			
Shrimp, ocean.	562	2,350	2,812
Total pounds.	11,436	40,061	168,508	201,927	185,014	222,145	165,057	278,144	58,128	58,584	60,335	1,453,039
Grand total.	2,727,062	3,632,371	4,934,327	4,693,562	5,774,405	5,131,149	2,770,656	4,760,579	4,893,220	4,115,108	2,337,521	2,131,053	47,833,338

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.....	68,570	64,725	48,568	70,041	43,791	13,934	20,574	34,348	19,487	58,460	51,700	38,958	533,120
Herring.....	1,079	1,300
Halibut.....	7,338	6,322	8,533	1,777	1,421	62	48	3,296	11,038	4,750	44,503
Salmon.....	4,462	2,038	337	1,191	22,162	1,095	26,936	256,557	321,424
Sardine.....	82,311	292,237	21,194	9,121	485,413
Splittail.....	183	102	372
Grand total.....	80,583	73,297	67,378	168,639	420,712	18,291	21,571	61,332	278,644	51,786	62,728	43,738	1,349,059

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

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
LANDINGS FROM: California Waters:													
Fish:													
Anthony.....	1,425	2,050	6,000	16,135
Clupea.....	285	257	2,114	62	126	6	280
Croaker, white.....	132	210	450	230	57	252	2,114	62	126	6	132	2,373
L. flounder.....	29,676	58,285	62,639	57,813	36,754	36,720	9,772	12,883	5,200	7,260	7,808	7,150	321,761
D. flounder.....	7,000	1,500	713	13,700
H. halibut, arrowtooth.....	230	305	865	1,124	2,712	4,959	5,614	1,052	1,050	655	220	20,005
H. halibut, California.....	3,547	3,640	1,660	317	862	194	61	330	61	303	391	2,681	17,310
Herring, Pacific.....	273,923	296,534	1,623	1,181	21,471	76,841	90,555	80,626	38,346	106,812	203,146	279,677	444,519
H. mackerel.....	10,605	16,751	27,175	30,561	27,088	34,385	48,312	18,321	27,241	44,882	19,000	16,154	316,700
Mackerel, jack.....	1,200	205	2,005	4,210
Pereh.....	928	3,310	9,902	13,888	2,056	2,560	1,418	2,181	2,858	896	40,035
Rockfish.....	44,608	369,177	112,188	221,471	76,841	90,555	80,626	38,346	106,812	203,146	279,677	444,519	2,817,795
Sardine.....	36,952	28,956	126,388	171	25,231	23,500	25,500	25,500	25,500	30,000	12,200	14,453	1,400,560
Salmon.....	57,531	265,102	828,642	50,010	77,212	25,988	1,009,864
Sandlance.....	31,958	26,053	40,170	29,980	16,941	21,246	28,027	16,562	20,973	24,090	19,600	16,455	324,179
Sealchin, eastern.....	175	105	95	55	80	200	585	210	1,005
Seabream, black.....	31	2,061	1,130	22	3,121
Seatrout, greenling.....	12	58	35	105
Shark.....	6,195	4,573	1,165	603	811	1,000	3,755	7,846	13,151	8,212	9,665	3,335	54,400
Sharklet.....	8,360	7,268	17,475	19,164	15,333	8,400	1,000	5,252	3,000	11,800	6,000	11,400	50,900
Sole.....	3,730	1,486	14,123	11,127	10,332	24,216	20,000	2,770	2,120	16,171	26	710	130,615
Sole, Dovay.....	170	10,350	23,683	180,549	17,152	21,685	7,740	10,618	13,119	24,913	7,561	22,910	533,234
Sole, English.....	180,417	129,474	137,571	107,401	108,096	83,478	69,563	129,009	137,491	203,408	129,731	161,929	1,621,511
Sole, flat.....	40,953	41,325	24,523	23,436	8,479	12,152	30,757	30,757	30,757	20,460	32,042	31,155	529,700
Sole, ree.....	69,75	49,953	43,553	30,761	23,115	8,546	4,083	9,740	20,460	32,042	31,155	39,285	306,770
Sole, sand.....	2,760	2,993	2,000	3,023	9,223	1,000	5,055	15,533	4,675	695	850	2,430	50,166
Sole, mirellaceous.....	130	133	8	4,185	4,456
Tuna, albacore.....	297	45,219	253,215	82,093	82,735	9,721	2,465,700
Tuna, bluefin.....	10,433	6,083	3,715	7,425	4,756	2,330	2,408	8,550	3,080	7,013	3,850	6,516	71,402
Whitebait.....	10,850	4,519	15,364	13,741	15,096	4,788	5,351	802	633	64	351	279	21,817
Miscellaneous fish.....	150	15	35	35	320	2	602	602

THE MARINE FISH CATCH OF CALIFORNIA

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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	DEPARTMENT OF FISH AND GAME
Crustacean:														
Crab.....	2,157,486	1,368,183	419,415	115,501	119,235	2,417	8,722	13,374	17,566	10,810	1,766,561	2,900,697	8,550,912	
Shrimp, bay.....	40,453	21,000	21,053	17,613	16,125	26,100	2,363	2,983	192,814	
Shrimp, ocean.....	297,123	132,751	70,630	430,094	
Mollusk:														
Abalone.....	1,350	850	2,790	3,255	3,073	1,423	1,825	600	955	550	17,225	6,162	
Oyster, bay.....	918	362	526	661	680	721	900	144	287	596	672	165	10,349	119,534
Oyster, eastern.....	10,290	12,099	11,137	7,282	10,012	9,324	8,432	10,109	11,979	7,000	9,314	10,349	119,534	10,349
Oyster, Gulf Puff.....	29,461	62,910	59,000	51,926	19,262	18,441	12,883	18,063	18,642	22,477	32,271	39,271	10,349	474
Oyster, Klamath.....	165	213	365	879	922	1,167	724	1,031	428	521	1,325	880	8,000	
Oyster, native.....	95	22	23	91	11	63	156	
Miscellaneous mollusk.....	
Total pounds.....	3,421,967	2,470,534	1,705,922	1,093,677	1,170,249	1,115,781	594,455	317,770	1,287,817	1,044,732	3,294,075	3,419,999	22,091,112	
Waters South of State:														
Fish:														
Tuna, skipjack.....	84,916	84,916	
Tuna, yellowfin.....	68,194	68,194	
Total pounds.....	153,110	233,110	
SHIPMENTS:^a														
Fish:														
Sardines.....	5,066	7,803	200	600	12,927	800	
Salmon.....	6,130,227	
Tuna, albacore.....	1,122,187	457,707	277,940	284,710	116,900	202,791	682,903	465,590	201,215	180,155	297,109	690,111	45,162	220,235
Tuna, yellowfin.....	398,314	265,424	705,144	1,131,222	1,099,857	850,663	1,048,267	646,964	565,135	240,530	265,992	833,234	8,191,674	
Total pounds.....	1,525,807	847,192	1,524,684	1,515,932	1,186,057	1,243,432	1,838,058	1,262,914	778,151	710,938	680,098	1,544,616	14,671,528	
Grand total.....	4,987,034	4,081,186	3,228,108	2,609,029	2,356,802	2,609,233	2,432,400	1,790,203	2,065,968	2,355,670	3,967,173	4,994,616	37,495,750	

^a For origin of shipments refer to Table 6.

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

TABLE 12
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	THE MARINE FISH CATCH OF CALIFORNIA
LANDINGS FROM: California waters:														
Fishery:														
Anchovy.....	11,600	46,568	19,850	27,120	300,810	106,600	62,744	554,829	5,200	100	3,500	1,485,821	100
Cabroneta.....	348	1,311	1,055	347	1,211	1,216	493	311	1,327	918	335	413	10,121	3,667
Croaker, white.....	1,835	1,769	1,316	2,373	8,417	34,418	23,808	12,792	21,627	14,498	17,271	3,697	141,301	5,892
Dolphinfish.....	10,425	12,125	2,168	1,460	1,581	156	223	1,853	1,263	290	3,219	5,829	41,735	2,129
Hake.....	1,150	3,750	8,470	18,600	29,60	25,120	29,600	13,409	6,210	2,800	4,275	2,665	119,805	2,218
Haddock, California.....	7,982	2,201	900	22	172	1,358	1,358	1,358	2,448	167	794	1,214	19,731	2,129
Herring, Pacific.....	42	22,225	3,500	162,912	178,380	73,361	137,657	45,905	1,211	1,211	1,211	1,211	597,792	1,211
Mackerel, California.....	14,400	27,672	4,237	1,200	31,250	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200
Mackerel, Jack.....	10,905	7,030	24,607	11,471	10,171	319,629	302,118	425,293	1,183,365	8,720	2,258	2,218,417	2,258
Mackerel, Pacific.....
Pewch.....	1,913	747	2,752	20,542	11	302	330	470	280	277	366	3,190	32,157
Pike, California.....	12,400
Rattfish.....	12,005
Rockfish.....	533,204	475,063	399,930	413,620	393,271	478,837	600,115	447,410	458,510	427,530	327,034	299,268	3,471,246	3,471,246
Sablefish.....	50,025	36,781	43,334	15,056	45,071	43,864	25,350	12,676	55,276	25,557	19,915	15,337	379,935	379,935
Sanddab.....	431,215
Sardine.....	8,231	14,569	17,870	20,410	12,056	13,200	12,970	12,910	12,910	6,939	2,129	6,939	14,327	32,072
Sole, California.....	10,301
Sole, Diver.....	19,305
Sole, greenling.....	101,364	9,220	80,912	61,832	6,000	937	4,694	1,007	4,994	1,007	1,007	1,007	2,874	27,084
Skate.....	16,843	6,952	3,588	4,820	1,600	490	250	2,776	1,922	1,050	1,635	6,313	46,322	46,322
Sole, Rock.....	8,117	1,004	1,200	2,000	1,200	1,200	1,200	21,030	10,000	14,427	6,365	6,365	60,000	60,000
Sole, sand.....	10,301
Sole, sand, miscellaneous.....	2,415	85	274	198	316	45	314	8,900	317	116	300	3,111	10,999
Swordfish.....	997
Tuna, bluefin.....	2,121,882
Turbot.....	48	1,211
Whiting.....	4,710	11,399	2,600	165	4,692	3,344	629	6,883	1,311	295	640	36,633	36,633	93
Miscellaneous fish.....	85	85

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	7,209	3,489	40	15	21,252	26,781	93,792
Prawn.....	193	31	30	25	56	87	198	76	762
Mollusk:													
Alewife.....	40	20	1,145	40	20	1,100	60	2,245
Clam, paper.....	4,658	1,336	127	411	20	1,145	2,517,225	4,573,401	1,604,255	178,985	661	100	300
Squid.....	797,410	296,630	120	2,561,195	2,517,225	4,573,401	1,604,255	178,985	1,100	978	12,541
Grand total.....	864,284	1,531,316	944,416	1,292,760	4,002,801	3,599,355	8,043,134	2,706,477	2,517,770	2,829,256	569,722	432,047	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	THE MARINE FISH CATCH OF CALIFORNIA	
LANDINGS FROM: California waters:															
Fish															
Anchoa, California	60,000	10,000	53,800	31,200	24,670	258	5	155,000	35,819	
Barracuda	5,550	6,336	5,719	173	49	6,144	4,622	
Cabron	120	6	18	210	122	22	374	192	49	213	29	3,792	3,792	
Croaker, white	670	311	5,591	1,372	61	132	29	339	2,564	3,792	381	15,721		
Flounder	1,933	130	15	80	265	105	187	774	774	3,489		
Hake, California	9,249	7,823	10,924	10,121	12,766	28,561	12,222	10,242	1,030	9,185	9,371	18,634	118,272	310	
Herring, Pacific	50	260	2	1,000	2,055	2,055	1,025	1,025	1,025	1,025	
Lamprey	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	
Mackerel, jack	3,972,969	4,340,540	1,072,860	1,231,262	676,503	374,400	91,180	295,530	2,141,411	6,281,273	797,210	21,800	21,800	21,800	21,800
Mackerel, Pacific	1,482,902	476,810	21,910	556,065	559,300	134,700	121,100	1,450,040	612,053	6,750,556	3,261,700	134,150	15,570,646	22,369	
Perch	2,294	4,391	3,265	3,423	1,199	578	1,014	1,273	1,098	1,361	1,057		
Pompano, California	57	57	57	57	57	57	57		
Rockfish	209,565	111,051	379,228	493,305	242,324	267,005	173,440	278,118	278,514	277,291	300,000	300,000	3,356,243	23,472	
Sardinefish	1,225	200	435	17,202	3,678	300	10	105	160	73		
Salmon	8,716	37,050	34,997	22,908	9,191	476	23	930	112,510	6,160	
Seadlab	47	880	872	1,428	46	285	735	947		
Seabass	838,110	20,820	30,640	29,555	121,300	170,150	101,150	11,180	10,274,410	717,150	543,150	23,150	185,033		
Seakra, white	1,737	4,190	2,002	371	290	1,453	15,991	94,069	26,560	19,350	15,565	3,411	185,033		
Sebastot, greenling	1,50	447	241	205	278	213	1,437		
Shark	6,874	11,746	3,934	13,613	24,971	38,176	9,987	4,008	4,139	5,715	3,026	1,851	128,769		
Shrimpshead	27	75	29	10	10	10	10	
Skate	269	1,027	210	990	2,617		
Smelt	268	20	39	1,007	310	451	17	57	220	3,000	3,000		
Soil Diver	458	230	628	628		
Sole, English	28,605	21,157	29,043	14,655	14,251	8,750	6,625	15,331	35,736	18,060	19,320	27,256	225,617		
Sole, petrale	58,606	53,262	43,721	29,555	64,698	41,586	35,211	60,149	63,210	34,025	29,911	30,311	518,578		
Sole, rex	13,438	8,289	11,909	11,708	6,057	1,481	923	4,773	5,435	9,179	7,425	16,560	92,376		
Sole, sand	27	11	11	11	11	11	11	11	11	11	11	11	11		
Sole, miscellaneous	70	38	332	18	35	31	113	49	107	32	183	183	1,093		
Swordfish	600	21,218	19,030	783,678	312,063	92,161	4,731	57,178	
Tuna, albacore	78,000	75,000	60,000	60,000	60,000	200,770		
Tuna, skipjack	515	515		
Turbot	449	257	1,372	728	1,044	35	453	407	2,551	3,000	3,798	14,897	125	

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	538	60	1,314
Mola (blocus fish).....	62
Crustacean:													
Crab, rock.....	71,338	30,487	38,958	40,839	16,090	207,404	269,815	247,693	273,205	332,696	362,721	265,050	362,028
Crab, rock.....	7,632	5,436	3,010	6,190	3,841	701	5,674	5,928	4,140	3,446	2,257	3,008	51,479
Lobster, spiny.....	24,990	31,219	11,569	269	8,973	11,140	12,378	100,621
Shrimp, various.....	260
Mollusk:													
Ahalone.....	63,818	122,061	207,404	269,815	247,693	273,205	332,696	362,721	265,050	362,028	248,950	2,746,635
Oyster, Pacific.....	1,000	1,456	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Oyster, giant Pacific.....	179,875	110,675	74,355	96,500	19,475	29,800	21,015	31,635	31,275	150,515	283,275	256,773	1,275,650
Squid.....	8,000	8,000
Total pounds.....	6,939,234	5,015,120	1,882,707	2,812,930	1,958,600	1,321,631	1,086,006	2,864,569	15,631,619	21,569,020	5,971,439	1,698,315	72,174,828
Waters south of State													
Fish:													
Tuna, albacore.....	2,879	750	750
Tuna, skipjack.....	74,021	75,500
Tuna, yellowfin.....	73,955	573,096	210,724	857,795
Total pounds.....	73,955	647,207	214,693	750	937,945
SHIPMENTS:¹													
Fish:													
Tuna, albacore.....	2,025	105	340	2,970
Tuna, yellowfin.....	160,000	160,000
Crustacean:													
Shrimp, unclassified.....	1,099	1,800	410	550	110	110	110	410	330	410	5,310
Mollusk:													
Clam, Pacific.....	36,560	38,100	52,610	52,800	7,680	11,520	9,600	5,760	11,400	36,180	16,320	2,810	296,400
Total pounds.....	198,000	38,100	52,610	56,625	7,680	11,560	10,150	5,870	11,510	37,225	17,190	4,280	451,680
Grand total.....	7,231,269	6,181,233	2,149,850	2,889,555	1,960,280	1,333,584	1,096,908	2,870,438	15,648,159	24,541,645	8,888,829	1,690,585	72,566,553

¹For 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:													
Anchovy.....	5,813,765	6,075,750	4,610,295	4,680,860	5,117,415	3,274,905	4,176,692	1,956,510	835,910	1,060,055	603,680	381,310	38,891,107
Bass, California.....	1,500	58,901	40,392	21,024	16,219	16,006	18,121	100,613
Bonito.....	15,510	15	145	1,785	135	7,197	1,134	5,551	66,007	30,152	30,152
Cranker, white.....	43,092	42,236	49,916	24,810	20	12,271	8,435	6,181	7,632	13,368	29,939	48,150	19,105
Dolphin.....	983	8,072	4,745	4,358	1,347	1,347	1,347
Haddock.....	1,180	2,020	5,303	310	269	1,000	30	818	12,872
Halibut, California.....	6,332	9,748	12,607	7,624	5,332	1,240	2,172	1,688	522	529	102	507	47,808
Lantern.....	76	25	151	151
Mackerel, California.....	12,490,489	13,494,033	7,648,511	3,348,361	2,20,300	4,202,203	669,890	2,672,032	388,365	2,244,323	8,342,201	222,341	38,194,201
Mackerel, Pacific.....	3,352,398	6,758,366	127,916	669,626	700,129	1,654,402	1,331,468	8,178,358	1,305,384	8,227,574	9,899,231	3,415,571	45,396,451
Opahs.....	702	431	1,300	200	13	476	13	3,138	3,138
Pompano, California.....	857	5,521	8,700	8,102	1,660	2,821	5,601	3,260	2,335	11,827	4,828	5,137	43,221
Pompano, Florida.....	41,253	43,621	63,641	48,641	41,750	51,859	50,946	27,272	30,372	1,171	4,172	50,000	50,000
Sabrefish.....	22	38	60	100	100
Salmon.....	130	130
Sardines.....	1,961	2,767	522	2,170	1,433	1,999	1,508	759	356	92	39	272	13,797
Sardines.....	22,090	39,666	9,238	218,110	40,300	225,110	82,020	39,4570	461,680	2,358,721	12,478,311	1,227,500	21,880,290
Sauries.....	117,850	91	203	5,356	14,111	18,314	13,063	4,577	561	1,601	560	39,117
Sole, California.....	1,224	828	203	203	169	3,109	3,109	1,70	11	55	49	111	29
Sole, Pacific.....	216	216	203	203	169	3,109	3,109	1,70	11	55	49	111	29
Sole, white.....	14,571	16,341	5,821	15,530	29,610	28,600	126,180	281,730	46,822	25,961	30,637	41,074	66,411
Shark.....	2,158	2,669	4,470	9,430	7,718	9,048	8,119	4,326	6,165	3,956	4,150	8,117	64,446
Sheep-head.....	93	47	47	23	178	205	134	27	7	17	119	911
Swordfish.....	51	203	203	580	255	273	546	939	1,083	1,683	1,030	2,401
Smelt.....	1,630	655	1,011	5,910	255	273	546	939	1,083	1,683	1,030	8,196	8,196
Sole, miscellaneous.....	172	168	81	42	81	35	19	601	601
Swordfish.....	31,940	55,500	47,385	50,317	5,728	256	180,734	180,734
Tuna, bluefin.....	370	16,793	1,290,000	1,290,000	5,100,561	1,621,655	470,100	220,000	10,000,220	10,000,220
Tuna, skipjack.....	36	147,159	3,126,356	5,600,450	882,568	335,165	333,538	333,538
Tuna, yellowfin.....	155	170	115	69,095	69,095	69,095
Turbot, ocean.....	163	513	6,207	11,014	1,914	27,847	21,143	6,451	10,830
Yellowtail, ocean.....	163	230	360	410	117	10,831	8,125	8,125
Miscellaneous fish.....	8	230	360	410	117	10,831	8,125	8,125

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
Cephalopoda:													
Crab, rock	5,964	3,966	4,316	6,378	6,431	10,050	9,663	10,223	13,115	6,251	8,014	9,655	94,028
Lobster, spiny	34,277	22,656	6,353	129,555	103,625	89,083	385,499
Mollusk:													
Alewife	79,882	146,422	278,130	184,345	285,078	154,945	158,570	172,697	213,048	277,300	226,560	2,109,301
Octopus	23	21	70	214	100	204	97	67	43	30	437
Sea snail	175	204	97	67	43	43	282
Squid	77,115	86,920	27,650	17,753	144,750	82,200	950	17,500	80,750	141,380
Total pounds	22,727,469	26,880,873	13,300,675	9,356,535	9,257,429	16,308,711	11,344,236	20,983,794	9,028,131	16,439,003	32,647,684	9,077,014	191,459,978
Waters south of State:													
Barracuda, California	31,999	85,323	46,440	6,005	31,772	125	210	21,274	4,414	7,606	10,389	255,054
Catfish	2,140	2,715	212	26	2,514	275	11,171
Catrina	11,213	10,735	10,731	27,155	20,215	20,215	20,215	2,091	20,732
Grouper	49,619	83,357	37,220	13,555	18,206	6,259	1,745	17,965	6,4114	241,931
Halibut, California	3,860	8,360	14,628	2,430	29,415
Lingcod	169	110	90	369
Opleye	1,093	272	700	2,000
Perch	468	600	600
Rockfish	2,418	10,922	39,983	4,430	260	5,312	4,248
Sardine	60,911
Sea bass, black	18,102	34,214	10,927	175	7,645	33,273	10,125	82	20,515	25,513	38,809	215,317
Sea bass, white	353	353	38,744	8,740	6,060	20	21,200	21,200	795	8,143	14,929	24,929	116,579
Shark	102	65	47	223	60	1,425	1,425	1,425	1,425	1,750	1,750	8,963
Sheep-head	63	63
Sierra	457	997,116	997,116	2,010,792	418,585	21,922	457
Tuna, bluefin	96,808	20,878	110,616	3,700,613	3,072,069	280,600	3,130	3,710,424
Tuna, yellowfin	290,047	4,552	852,513	3,700,613	3,072,069	280,600	3,838,248
Tuna, skipjack	6,225,153	3,800,762	1,730,175	2,209,341	1,777,157	3,937,514	4,996,867	6,423,103	6,450,010	3,063,060	3,310,588	2,921,861	46,878,012
Tuna, yellowfin	5,394,910	5,132,202	7,658,440	12,687,578	11,853,604	11,859,097	3,908,514	5,690,979	6,020,091	3,075,924	3,118,724	4,655,599	82,931,692
Wahoo
Yellowtail	19,024	61,332	43,002	8,041	31	2,121	2,121	2,121	9,146	14,563
Miscellaneous fish	31	27	985	148,379	111
Cephalopoda:													
Lobster, spiny	83	83
Total pounds	12,066,343	9,577,000	9,649,766	15,221,982	13,719,381	16,024,706	15,760,471	17,205,477	12,128,109	7,231,770	6,596,219	8,008,241	113,099,168

DEPARTMENT OF FISHERIES AND GAME

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

SHIPMENTS: ¹												
Fish:												
Baileys, California.....	10,325	37,145	47,700	17,230	42,200	4,837	16,011	299	248	547
Salmon.....	30,000	1,480	36,000	72,000	34,840	1,251	23,611
Sole, black.....	28,660	17,330
Sierra.....	733	28,660
Sturgeon.....	1,832	3,105	73
Tuna, albacore.....	65,888	4,438,740	5,585,554	4,518,553	1,045,791	1,011,300	2,298,628	6,237,531	1,015,149	1,098,299	1,080,723	10,199
Tuna, bluefin.....	28,922	72,618	49,356	73,437	61,761	100,692	80,380	192,639
Tuna, skipjack.....	1,000	1,000	1,000
Tuna, yellowfin.....	3,609,539	2,391,693	2,426,376	3,189,561	1,786,007	2,504,181	4,302,091	3,941,759	1,957,543	1,151,848	1,517,199	3,818,147
Whiting.....	1,233	5,782	2,072
Mixed commercial fish.....	45	102,315	8,073	235	870	1,501	9,815	10,600	66,210	31,303	8,306	7,610
Market:												
Clam, Pismo.....	107,820	83,760	107,760	97,200	83,760	719,400	86,400	1,355,760	95,760	\$1,000
Total pounds.....	7,515,224	7,095,937	10,388,045	9,314,035	1,232,948	6,147,045	10,000,202	10,452,975	3,955,770	3,125,949	3,914,369	6,723,637
Grand total:	42,369,039	33,836,810	33,341,326	33,923,432	27,229,758	31,541,372	37,106,999	48,641,346	25,112,816	29,780,742	43,137,890	23,308,899
												419,795,702

¹ For origin of shipments refer to Table 6.

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	DEPARTMENT OF FISH AND GAME	
LANDINGS FROM: California waters:															
Fish:															
Anchoy.....	351	-----	-----	2,010	12,483	14,754	10,984	23,168	27,064	3,285	31,170	25,631	14,493	170,201	
Barracuda, California.....	15	835	-----	-----	43	10	405	1,253	1,253	120	196	196	47	782	
Cabron.....	-----	15	476	59	-----	27	85	1,091	88	216	87	-----	3,718		
Croaker, white.....	1,415	134	476	59	-----	27	85	1,091	88	216	87	-----	3,718		
Hallibut, California.....	10,000	9,214	45,335	21,432	3,195	1,410	3,486	8,521	6,554	10,296	8,810	5,914	132,157	184,149	
Lake trout.....	10	27	60	-----	-----	-----	-----	-----	-----	-----	21	21	47	140,149	
Mackerel, Pacific.....	21,489	13,212	6,384	433	359	345	2,872	6,799	3,244	13,552	2,656	923	75,176		
Rockfish.....	7,207	7,435	3,492	4,213	11,419	3,027	3,583	3,698	2,439	3,234	8,903	8,095	70,721		
Sardine.....	-----	-----	-----	-----	49	-----	-----	-----	-----	-----	-----	-----	-----		
Sandfish.....	-----	-----	-----	125	-----	100	-----	-----	-----	-----	-----	-----	295		
Sardine.....	9	48	332	1,235	13,450	1,220	3,778	-----	-----	516	2,024	3,964	13,821	15,170	
Sole, black.....	314	6	27	10	-----	302	302	-----	-----	69	29	29	103	140,149	
Sole, white.....	4,731	4,032	6,638	13,456	13,916	6,362	4,063	9,000	31,428	20,792	22,620	61,289	211,117		
Shark.....	10,631	20,760	18,694	33,726	22,706	5,886	8,077	705	6,563	16,733	16,698	11,200	172,030		
Sheep-head.....	871	327	-----	99	-----	94	-----	-----	353	1,400	4,351	2,174	9,826		
Sole.....	-----	136	10	-----	-----	-----	-----	-----	20	-----	-----	-----	103		
Sole.....	-----	-----	-----	-----	-----	-----	82	20	-----	-----	-----	-----	103		
Sole, miscellaneous.....	103	-----	-----	24	-----	-----	86	48	3	-----	92	356			
Swordfish.....	-----	-----	-----	-----	-----	867	27,041	70,965	29,618	7,012	210,711	4,380	135,136	231,148	
Tuna, bonito.....	8,020	-----	6,068	-----	-----	7,469	51,649	14,497	1,464	1,219,412	27,616	86	62	210,711	
Tuna, bluefin.....	-----	-----	-----	-----	-----	12,719	34,509	130,359	47,456	3,163	6,675	429	19,402		
Tuna, skipjack.....	-----	-----	-----	-----	-----	-----	-----	275	65	-----	1,918	429	1,238		
Tuna, yellowfin.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	15	15	15			
Whiting, ocean.....	58	-----	1,673	11,219	28,450	8,816	482	2,388	6,075	3,378	1,971	521	62,900		
Yellowtail.....	-----	-----	1,673	11,219	28,450	8,816	482	2,388	6,075	3,378	1,971	521	62,900		
Miscellaneous fish.....	-----	-----	66	55	69	82	-----	8	-----	-----	-----	-----	280		
Crustacean:															
Crab, rock.....	598	475	28	-----	-----	-----	-----	-----	-----	2,010	804	1,876	5,521		
Lobster, spiny.....	20,568	14,344	9,470	-----	-----	-----	-----	-----	-----	60,755	32,870	22,571	161,184		
Mollusk:															
Avalanche.....	6,637	-----	32,822	57,647	53,328	39,760	59,693	58,297	41,745	14,633	51,913	49,990	486,505		
Clam, jackknife.....	193	320	710	919	1,790	2,330	2,221	1,749	877	410	330	287	12,356		
Total pounds.....	90,624	71,469	133,221	157,042	182,660	125,507	651,444	437,348	1,735,012	1,020,806	482,235	409,545	6,398,942		

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

THE MARINE FISH CATCH OF CALIFORNIA													
WATERS SOUTH OF STATE:													
<i>Fish</i>													
Barracuda, California.....	2,043	21,941	1,847	3,134	177	1,706	389	5,481	3,355	40,409	5,737		
Bonito.....	258	6,591	13,031	24,775	1,235	13,826	91	20,844	12,711	97,481	14,416		
Cabrilla.....	281	45	281	
Cod, white.....	46	117	303		
Dolphinfish.....	186		
Grouper.....	1,982	110	8,211	2,880	20	3,665	5,737		
Halibut, California.....	214	555	4,614	345	3,823	2,057	945	2,695	11,335	
Sea bass, black.....	1,612	130	235	406	265	2,939	426	2,337	8,841	643	17,038	
Seabass, white.....	1,694	6,484	1,187	88	24,027	16,978	14,358	2,938	1,051	2,750	17,561	
Shark.....	245	593	417	407	245	3,823	2,057	945	2,695	11,335	
Tuna, albacore.....	227,692	37,829	5,027	282,272	6,500,440	7,123,591	2,278,442	378,583	85,741	78,146	17,290,741	
Tuna, bigeye.....	402,299	48,187	927,850	93,160	1,471,364		
Tuna, skipjack.....	5,855,417	4,000,412	1,167	2,850,448	3,857,193	4,707,208	6,033,225	6,787,711	1,833,451	1,928,978	43,152,800		
Tuna, yellowfin.....	4,666,563	2,829,491	8,746,199	8,17,943	8,012,462	6,848,420	4,372,230	291,376	4,376,000	6,611,950	2,393,329	32,414,741	
Wahoo.....	6,642	347	2,893	413	8,584	559	
Yellowtail, common.....	116	81	801	2,055	1,116	209,617	
Miscellaneous fish.....	12,068	22,320	16,825	39,064	12,987	66,522	17	328	4,318	81		
<i>Crustacean:</i>													
Lobster, spiny.....	5	178	183		
Total pounds.....	10,395,926	7,909,338	7,561,083	6,670,038	10,921,789	11,218,322	13,682,030	10,881,840	13,626,926	11,796,160	4,251,713	3,908,405	111,827,653
SHIPMENTS: <i>Fish</i>													
Tuna, albacore.....	122,869	109,965	402,166	395,551	19,730	203,800	1,796,281	
Tuna, bigeye.....	231,821	311	511	
Tuna, skipjack.....	263,456	1,095,272	358,466	152,447	1,091,593	337,810	12,918	1,260,455	2,929,329	221,824		
Tuna, yellowfin.....	1,276,069	171,011	160,351	149,801	72,476	252,43	403,853	711,878	121,660	3,290,262	
Total pounds.....	1,839,516	1,386,152	250,669	508,270	98,9113	1,740,577	761,665	32,648	2,778,133	122,112	10,171,658	
Grand total.....	12,126,066	7,877,827	7,694,306	8,216,232	11,394,457	11,682,099	17,283,287	13,669,765	16,143,600	13,746,557	7,502,101	4,442,062	121,396,562

¹ For origin of shipments refer to Table 6.

TABLE 15—Cont'd.

TABLE 16

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

Species	Landing Point	Value	Quantity	Per Unit	Market Value	Selling Price	Lan- ding Area	Sales Area	Sales Value	Total
LANDINGS:										
Fish:										
Anchoy	\$0.0									
Herring, California	\$1.0									
Smelt									
Salmon	100									
Cobia	96									
Cory									
Crab, white	220									
Dolphin									
Dussumier	133,000	1,093	201,172	4.95	148,300	14,271	165,000	162,000	14,497	154,477,98
Flounder	15,671	877	183,342	82.65	161,600	16,125	162,000	162,000	16,125	162,000
Grouper									
Halibut	900,821	877	10,270	84.95	10,270	1,027	10,270	10,270	1,027	10,270
Hake	867,221	81.0	10,270	84.95	10,270	1,027	10,270	10,270	1,027	10,270
Halibut, greenback	918,390	236	2,900	32.00	2,900	29.00	2,900	2,900	29.00	2,900
Halibut, Pacific	18,139	1,373	14,410	13.80	14,410	13.80	14,410	14,410	13.80	14,410
Haddock	5,211	1,275	4,150	1.00	4,150	1.00	4,150	4,150	1.00	4,150
Herring, Pacific	44,495	44,495	1,027	42.73	44,495	42.73	44,495	44,495	42.73	44,495
Herring, Gulf	82,288	82,288	1,027	80.76	82,288	80.76	82,288	82,288	80.76	82,288
Iceland	81,216	81.0	10,270	84.95	10,270	1,027	10,270	10,270	1,027	10,270
Mackerel, jack	80,348	80.0	10,270	84.95	10,270	1,027	10,270	10,270	1,027	10,270
Mackerel, Pacific	8,131	8,131	8,131	8,131	8,131	8,131	8,131	8,131	8,131	8,131
Oysters									
Perch	109,442	1,275	84,235	12.36	84,235	12.36	84,235	84,235	12.36	84,235
Porgies, California	12,100	1,275	20,247	5.95	20,247	5.95	20,247	20,247	5.95	20,247
Rockfish									
Rockfish, black	8,276,430	8,276,430	8,276,430	8,276,430	8,276,430	8,276,430	8,276,430	8,276,430	8,276,430	8,276,430
Salmon	1,200,798	1,200,798	1,200,798	1,200,798	1,200,798	1,200,798	1,200,798	1,200,798	1,200,798	1,200,798
Sardines	1,200,111	1,200,111	1,200,111	1,200,111	1,200,111	1,200,111	1,200,111	1,200,111	1,200,111	1,200,111
Solefish	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000
Solefish, greenling	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
Solefish, white	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200
Solefish, yellowtail	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200
Solefish, yellowtail, greenling	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200
Solefish, yellowtail, white	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200
Solefish, yellowtail, yellowtail	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200
Stickleback									
Starfish									
Swordfish									
Tuna, skipjack									
Whitebait									
Yellowtail									
Total	44,608	8	1,200	1,427	44,608	1,427	44,608	44,608	1,427	44,608

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
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	974	9,800	11,033
Skate.....	—	—	—	—	822	865	7,577	\$844
Sole, Dover.....	3,037	—	118,080	46,322	2,617	1,488	136	171,678
Sole, English.....	\$2	—	\$1,645	\$579	\$140	\$113	\$14	\$2,493
Sole, petrale.....	108,303	—	139,615	96,050	3,001	24,401	102	371,472
Sole, rex.....	\$6,437	—	\$13,942	\$6,492	\$169	\$1,120	\$5	\$28,165
Sole, sand.....	7,386,834	—	534,324	10,301	678	—	—	7,932,137
Sole, sand.....	\$35,525	—	\$23,225	—	370	334	—	\$389,154
Swordfish.....	2,477	—	1,024,511	498,446	225,617	—	—	4,819,872
Tuna, albacore.....	\$109,465	—	\$93,534	\$31,243	\$14,733	—	—	\$316,705
Tuna, bigeye.....	2,098,101	—	682,259	157,959	51,976	—	—	3,456,733
Tuna, yellowfin.....	\$211,765	—	\$65,725	\$15,716	\$51,702	—	—	\$368,008
Turbot.....	710,494	—	366,770	64,262	9,287	—	—	1,234,402
Wahoo.....	\$40,551	—	\$19,712	\$3,238	\$5,182	—	—	\$68,883
Whitebait.....	4,729	—	50,166	495	671	—	—	56,061
Whitefish, ocean.....	\$451	—	\$1,570	\$36	867	—	—	\$5,124
Yellowtail.....	4,967	—	4,456	16,996	1,054	601	356	28,430
Miscellaneous fish.....	\$183	—	\$230	\$1,496	\$86	\$76	\$17	\$2,118
Splittail.....	—	377	—	—	—	—	—	377
Crustacean:	—	—	—	—	—	—	—	—
Crab.....	10,204,008	—	8,559,912	93,792	260,772	—	—	19,118,484
Crab, rock.....	\$55,085	—	\$744,688	\$10,936	\$20,151	—	—	\$1,511,872
Lobster, spiny.....	—	—	—	—	51,579	94,028	5,624	151,211
Prawn.....	—	—	—	—	\$1,677	\$8,049	\$139	\$9,865
Shrimp, bay.....	—	—	—	—	100,598	385,582	161,367	647,547
Shrimp, ocean.....	135,150	—	71,817	36,633	—	—	—	243,800
Whitefish, ocean.....	\$10,501	—	\$3,379	\$1,216	—	—	—	\$21,096
Yellowtail.....	—	—	—	—	289	545	834	—
Miscellaneous fish.....	9,044	—	602	85	62	1,236	361	11,390
Crab.....	\$218	—	\$19	\$8	\$1	\$303	\$85	\$634
Mollusk:	—	—	—	—	—	—	—	—
Abalone.....	—	—	17,225	2,245	2,746,635	2,169,304	486,505	5,421,914
Clam, gaper.....	—	—	\$2,756	\$308	\$356,070	\$193,551	\$34,537	\$387,272
Clam, jackknife.....	—	—	—	300	—	—	—	300
Clam, Washington.....	3,599	—	—	—	29	—	—	\$29
Octopus.....	3,701	—	6,167	12,064	8,551	437	—	30,920
Oyster, eastern.....	\$146	—	—	\$1,178	\$445	\$64	—	\$2,106
Oyster, giant Pacific.....	9,400,135	—	119,834	—	—	—	—	119,834
Oyster, giant Pacific.....	\$188,003	—	387,861	—	1,279,650	—	—	\$32,067
Oyster, giant Pacific.....	—	—	\$37,389	—	\$25,593	—	—	11,067,646
Oyster, giant Pacific.....	—	—	—	—	—	—	—	\$250,985

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
Oyster, native.....	78,746	8,623	---	---	---	---	---	87,369
Sea snail.....	\$787	---	\$2,261	---	---	582	---	\$3,048
Sea snail.....	---	---	---	---	---	\$11	---	\$11
Squid.....	---	---	11,956,541	8,000	484,580	---	---	12,449,121
Miscellaneous mollusk.....	---	---	\$197,282	\$120	\$10,273	---	---	\$207,675
Miscellaneous mollusk.....	---	---	156	---	---	---	---	156
Miscellaneous mollusk.....	---	---	\$39	---	---	---	---	\$39
Total pounds.....	47,850,358	1,349,059	22,824,222	27,093,340	73,111,873	334,549,446	121,224,877	628,003,175
Total value.....	\$3,722,348	\$172,246	\$2,217,408	\$1,154,047	\$2,766,671	\$24,770,748	\$15,494,636	\$50,307,104
SHIPMENTS:¹								
Fish:								
Barrauda, California.....	---	---	---	---	547	---	547	547
Sablefish.....	---	---	12,927	---	\$75	---	---	\$75
Sablefish.....	---	---	\$2,327	---	255,613	---	---	268,540
Salmon.....	---	---	800	---	\$44,349	---	---	\$46,136
Salmon.....	---	---	\$360	---	174,000	---	---	175,120
Sea bass, black.....	---	---	---	---	\$82,588	---	---	\$82,948
Sea bass, black.....	---	---	---	---	28,660	---	---	28,660
Sierra.....	---	---	---	---	\$4,300	---	---	\$4,300
Sierra.....	---	---	---	---	733	---	733	733
Sturgeon.....	---	---	---	---	\$73	---	---	\$73
Sturgeon.....	---	---	---	---	17,139	---	17,139	17,139
Tuna, albacore.....	---	---	6,136,802	2,970	31,627,974	1,796,281	39,564,027	---
Tuna, albacore.....	---	---	\$913,770	\$1,277	\$5,107,918	\$257,587	\$6,280,552	---
Tuna, bigeye.....	---	---	329,325	---	497,630	511	827,474	---
Tuna, bigeye.....	---	---	\$31,714	---	\$56,880	\$73	\$88,067	---
Tuna, bluefin.....	---	---	---	---	1,830	321,182	322,024	322,024
Tuna, skipjack.....	---	---	---	---	16,095,783	4,792,807	20,888,590	---
Tuna, yellowfin.....	---	---	8,191,674	160,000	33,473,862	3,260,262	45,085,798	---
Tuna, yellowfin.....	---	---	\$1,037,885	\$28,240	\$3,936,526	\$452,524	\$5,455,175	---
Yellowtail.....	---	---	---	---	7,022	---	7,022	7,022
Miscellaneous fish.....	---	---	---	---	\$515	---	---	\$515
Miscellaneous fish.....	---	---	---	---	247,505	---	247,505	247,505
Crustacean:	---	---	---	---	\$69,094	---	---	\$69,094
Shrimp, unclassified.....	---	---	---	5,310	---	---	5,310	5,310
Shrimp, unclassified.....	---	---	---	\$2,961	---	---	---	\$2,961
Mollusk:								
Clam, Pismo.....	---	---	---	286,400	2,821,320	---	3,107,720	3,107,720
Clam, Pismo.....	---	---	---	\$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	---	\$39,350	\$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	\$1,203,464	\$1,154,047	\$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	2,501,642
English sole.....	67,235	980,095
Petrale sole.....	54,027	535,447
Rockfish.....	37,940	1,017,030
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	359,387
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.....	\$468,765	5,593,860
Salmon.....	305,611	939,256
Ocean shrimp.....	60,730	701,266
Albacore.....	40,668	325,340
All other.....	14,396	188,581
Totals.....	\$800,170	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
Bonicia		
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	131,809
Hardhead.....	1,219	4,033
Totals.....	\$7,528	135,842

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	8,830,868
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.....	21,152	486,547
Rex sole.....	12,639	235,489
Sablefish.....	12,635	368,106
Lingcod.....	10,311	155,531
Skipjack.....	9,757	84,916
Sanddab.....	9,528	180,185
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
Eureka Bay		
Crab.....	\$154,032	1,770,487
Salmon.....	94,339	279,855
Ocean shrimp.....	34,768	426,679
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.....	\$365,018	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.....	29,834	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	119,831
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.....	9,597	92,900
All other.....	16,609	129,956
Totals.....	\$1,652,839	60,481,057
Morro Bay		
Abalone.....	\$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	1,390,859
Spiny lobster.....	49,872	94,778
White seabass.....	21,452	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.....	6,902	286,400
Pacific mackerel.....	5,932	411,630
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.....	18,643	186,988
Crab.....	11,620	103,938
Skipjack.....	9,004	78,500
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.....	6,830,016	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	16,512,472
Anchovy.....	115,821	9,343,690
Bigeye tuna.....	50,580	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	635,768
Pacific mackerel.....	80,586	3,730,811
California barracuda.....	57,237	339,387
Sardine.....	56,037	1,826,293
Anchovy.....	51,881	4,183,972
Grouper.....	39,928	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
Cabilla.....	11,344	80,742
Albacore.....	10,105	68,601
Abalone.....	9,205	101,774
Yellowtail.....	9,122	122,862
Squid.....	8,555	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	14,503
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	80,741
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
Sublefish.....	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	2,880,078
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		
San Diego	\$17,114,086	131,396,562
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	2,041,524
White seabass.....	64,233	310,755
Swordfish.....	52,577	135,777
Spiny lobster.....	43,590	77,865
Ahalone.....	34,587	480,505
California halibut.....	32,793	128,778
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.....	---	9,090	---	30,147	---	30,147
Tuna, bluefin (Atlantic).....				237,015	33,915	43,005
Miscellaneous fish.....	---	---	---	---	---	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, yellowfin.....	---	---	---	76,993	452,435	529,428
Tuna, skipjack.....				173,216	1,280,170	1,453,386
Tuna, yellowfin.....				5,351,992	2,147,288	7,498,880
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
Baracuda, 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
Cabilla.....	----	8,990	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	----	4,455
Halibut, arrowtooth.....	575,761	68,119	643,880	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	----	59,373
Herring, Pacific.....	2,399,730	----	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	----	80,564
Ratfish.....	25,800	----	----	25,800	----	25,800
Rock bass.....	----	375	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	----	1,740
Sculpin.....	64,872	----	64,872	64,872	----	64,872
Sculpin, staghorn.....	257	----	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	----	4,750
Shad.....	----	----	----	----	1,351	1,351
Shark.....	474,751	----	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	----	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	527,656	----	3,157,678	----	3,157,678
Sole, rex.....	1,381,533	41,358	----	1,422,891	----	1,422,891
Sole, sand.....	24,320	120	----	24,340	----	24,340
Sole, miscellaneous.....	15,244	----	----	15,244	----	15,244
Splittail.....	157	----	----	157	----	157
Sturgeon.....	----	700	471,775	2,457	2,457	2,457
Swordfish.....	471,075	----	724,753	27,485,321	471,775	51,673,098
Tuna, albacore.....	25,387,036	1,075,988	5,245	5,386,894	5,386,894	5,392,139
Tuna, bigeye.....	----	----	122,767,544	25,390,712	148,158,256	148,158,256
Tuna, bluefin.....	15,600,801	15,109,431	30,719,232	529,428	31,248,660	31,248,660
Tuna, bluefin (Atlantic).....	----	----	----	43,005	43,005	43,005
Tuna, oriental.....	----	----	----	185,543	185,543	185,543
Tuna, skipjack.....	2,488,907	120,278,637	123,419,394	94,655,755	218,075,149	218,075,149
Tuna, yellowfin.....	417,710	123,001,684	----	----	----	----
Turbot.....	72,389	126	72,315	72,315	----	72,315

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	23,833
Whitebait.....	306,805	306,805	306,805	306,805
Whitefish, ocean.....	1,232	670	1,902	1,902	1,902
Yellowtail.....	105,486	64,144	169,630	169,630	169,630
Miscellaneous fish.....	8,602	66	8,668	306,081	311,719	311,719
Crustacean:						
Crab.....	17,282,766	17,282,766	17,282,766	17,282,766
Crab, rock.....	166,962	166,962	166,962	166,962
Lobster, spiny.....	632,618	632,618	632,618	632,618
Prawn.....	911	911	911	911
Shrimp, bay.....	45,955	45,955	45,955	45,955
Shrimp, ocean.....	1,728,680	1,728,680	1,728,680	1,728,680
Shrimp, unclassified.....	440	440	440
Mollusk:						
Absalone.....	4,224,018	4,224,018	4,224,018	4,224,018
Clam, gaper.....	680	680	680	680
Clam, jackknife.....	8,788	8,788	8,788	8,788
Clam, Pismo.....	2,043,672	2,043,672	2,043,672
Clam, Washington.....	3,961	3,961	3,961	3,961
Octopus.....	15,110	580	15,690	15,690	15,690
Oyster, eastern.....	32,087	32,087	32,087	32,087
Oyster, giant Pacific.....	9,599,092	9,599,092	9,599,092	9,599,092
Oyster, native.....	15,762	15,762	15,762	15,762
Sea snail.....	153	153	153	153
Squid.....	7,457,418	7,457,418	7,457,418	7,457,418
Total pounds	411,796,739	3,561,365	263,812,819	676,170,923	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	811,900	368,223	305,950	855,960	1,641,725	1,006,035	605,480	627,915	1,148,270	1,054,625	1,013,165	11,602,724
Barnacles, California.....	66,843	47,767	83,048	125,572	146,929	74,170	122,412	119,000	23,694	41,290	23,086	16,168	113,579
Bass,.....	21,964	225,287	430,202	42,024	17,732	25,088	2,730,353	795,639	665,690	115,738	312,197	335,260	5,549,509
Cabilla.....	30,200	1,244	1,145	1,145	1,145	1,145	1,145	1,145	1,145	1,145	1,145	1,145	19,320
Codfish.....	1,255	1,145	383	4,075	30	710	5,470
Carp.....	64,455	80,550	79,712	97,623	62,623	23,454	19,905	17,685	22,072	55,849	49,704	121,849	995,901
Cowfish, white.....	66,548	3,669	27,644	79,284	58,412	130,212	61,100	38,123	66,028	34,432	134,740	92,128	770,531
Fish,.....	36,120	28,023	103,297	30,470	28,190	28,190	29,190	29,190	85,246	83,560	17,179	9,248	471,202
Flyingfish.....	55	5,160	12,852	13,703	5,003	710	5,470
Grouper.....	100,150	27,624	23,438	1,405	9,970	800	6,144	66,820	98,390	322,831
Hake.....	31,302	7,327	14,215	81,403	281,846	133,746	104,355	114,152	123,301	174,706	68,535	1,135,138
Haddock.....	4,900	4,900	1,177	1,177	1,177	1,177	1,177	1,177	1,177	1,177	1,177	1,177	4,455
Hallibut, arrowtooth.....	8,678	1,605	3,773	42,189	47,355	94,673	128,375	128,755	61,000	103,302	20,513	5,418	61,750
Hallibut, California.....	42,551	23,763	20,374	34,046	20,545	27,083	22,820	13,509	5,082	17,202	16,551	17,491	207,446
Herring, Pacific.....	3,551	1,666	2,380	616	83	275	8,271
Hamhead.....	3,974	5,242	5,055	5,003	5,003	5,003	5,003	5,003	5,003	5,003	5,003	5,003	5,003
Herring, Pacific.....	1,297,638	203,305	68,473	4,496	215,553	205,980	262,415	4,950	17,130	3,580	12,215	23,991	59,373
Lingcod.....	68,153	24,411	94,096	70,302	135,520	204,980	337,280	224,423	168,997	140,354	81,811	71,008	1,566,515
Mackerel, Atlantic.....	3,886,707	1,400,000	1,400,000	1,400,000	1,400,000	1,400,000	1,400,000	1,400,000	2,610,480	8,788,811	1,402,220	804,304	22,666,985
Mackerel, Pacific.....	3,854,700	903,748	1,888,943	1,633,970	2,318,965	1,099,034	1,299,176	1,265,563	806,480	8,613,000	17,466,585
Oakleye.....	138	782	688	68	160	160	160	160	201	313	2,351
Percy.....	11,964	7,564	29,133	37,193	37,193	37,193	37,193	37,193	20,331	32,019	14,056	16,848	11,965
Porgy, California.....	3,967	8,252	12,340	7,152	8,519	4,058	2,358	9,018	33,125	1,089	1,211	938	80,564
Rattail.....	100	775	9,000	14,450	5,500	20,000	378
Rock bass.....	378	378
Rockfish.....	1,262,012	985,566	2,258,551	1,631,097	1,859,134	1,530,918	1,623,519	1,294,031	1,391,083	1,575,974	1,140,867	1,302,506	17,412,163
Sablefish.....	65,547	39,875	140,805	140,805	140,805	140,805	140,805	140,805	125,800	121,230	177,517	141,402	109,919
Salmon.....	72,519	1,163,624	1,639,239	598,835	598,835	598,835	598,835	598,835	598,835	1,732,992
Sanddab.....	30,006	47,334	67,233	26,806	32,900	31,210	41,855	26,111	25,058	25,550	21,474	406,438	1,111,411
Sardine.....	285,553	202,109	105,809	267,749	332,901	318,100	332,908	9,312,824	69,708,382	74,886,255	34,791,640	16,665,039	207,445,827

THE MARINE FISH CATCH OF CALIFORNIA											
Tuna, yellowtail											
Sole, greenling	121	355	271	80	486	95	83	100	285	1,307	
Sole, greenling	27,321	28,621	31,420	42,162	51,254	37,264	43,017	42,270	182	1,307	
Sole, sand	1,270	365	1,142	568	645	3,100	990	3,510	2,988	3,800	
Sole, sand	1,115	3,072	1,898	3,589	2,714	317	526	463	283	103	
Sole, sand	141	—	—	—	—	—	—	—	10	1,241	
Sole, sand	6,337	1,813	347	—	—	14,224	7,130,153	10,027,997	12,999	27,187,777	
Tuna, yellowtail	—	—	—	—	—	—	—	—	—	2,415	
Tuna, yellowtail	—	—	—	—	—	—	—	—	—	30,219,245	
Tuna, skipjack	7,368,366	10,811,887	6,376,182	8,617,786	6,099,435	6,701,749	15,387,507	12,715,317	12,214,149	12,539,131	10,698,877
Tuna, yellowtail	9,195,700	7,509,625	12,509,615	15,427,469	15,245,815	16,411,920	13,380,500	12,390,500	8,074,869	8,074,869	12,539,131
Tuna, yellowtail	7,369	8,213	9,032	1,943	1,367	920	3,429	1,617	15,869	6,010	
Whales	849	111	11,549	—	6,686	131	330	227	510	—	
Whaletail	76,411	32,606	—	53,000	41,582	30,094	26,474	10,881	3,549	—	
Whiting, ocean	107	111	—	23	25	618	44	—	—	1,003	
Yellowtail	8,338	33,292	9,091	7,179	28,929	9,327	19,349	7,281	13,499	13,497	
Miscellaneous fish	2,945	22	94	179	284	555	2,167	2,554	8	107	
Crustacean:											
Crab	3,710,913	3,002,538	3,230,719	1,555,310	1,246,296	314,269	29,456	—	—	2,565,967	
Crab, rock	14,337	12,981	10,751	9,429	25,342	21,769	14,034	20,341	11,151	12,385	
Lobster, spiny	29,381	47,079	27,880	—	—	—	—	—	202,143	129,530	
Prawn	—	—	—	—	—	221	61	49	178	60	
Shrimp, bay	8,883	2,657	2,633	2,921	4,430	2,903	4,982	10,708	—	3,020	
Shrimp, ocean	—	—	—	—	—	286,936	417,933	359,838	346,654	315,878	
Mollusk:											
Alaçatı	338,399	—	86,913	464,675	551,380	278,457	472,960	301,222	468,388	339,097	
Clam, paper	—	60	20	100	—	100	140	—	—	20	
Clam, pickknife	357	463	961	951	1,371	1,351	1,227	974	583	450	
Clam, Washington	307	312	77	1,024	91	—	—	—	—	249	
Oysters	3,404	2,009	2,899	1,358	1,060	1,239	737	998	129	269	

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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	9,569	120	476	554	696	1,099	1,114	2,310	2,656	3,065	3,208	32,087
Oyster, Gulf of Pacific.....	1,000,000	990,000	1,045,000	627,200	311,000	153,400	82,000	112,000	1,067,000	1,417,000	1,490,000	9,990,000	10,000,000
Oyster, native.....	1,453	2,647	2,306	1,024	1,024	16	440	2,177	320	440	1,387	153	13,762
Sea mahl.....	40	15	71	22	16	15	15	15	15	15	15	15	153
Bivalve.....	909,012	1,572,000	924,730	51,470	213,773	902,700	1,176,250	1,178,556	203,500	155	155	155	7,457,418
Total pounds.....	36,409,520	25,908,650	32,989,110	34,919,954	37,121,748	38,614,802	62,902,693	67,964,150	108,114,719	113,762,970	64,148,090	30,354,669	476,170,923
SHIPMENTS:													
Fish.....													
Bottom.....	1,083	-----	-----	-----	-----	-----	4,853	5,856	-----	-----	-----	-----	10,709
Salmon.....	-----	-----	-----	-----	-----	-----	-----	16,241	-----	-----	-----	-----	10,083
Hake, Pacific.....	5,800	22,802	38,121	75,205	-----	-----	-----	30,500	3,000	17,154	-----	-----	10,211
Salmon.....	3,150	2,892	11,772	27,754	38,302	34,921	155,942	48,777	140,494	-----	-----	-----	224,624
Shad.....	-----	-----	-----	1,351	-----	-----	-----	-----	-----	-----	-----	-----	1,351
Shad.....	-----	915	925	-----	-----	-----	-----	-----	914	-----	-----	-----	2,457
Tuna, albacore.....	3,154,582	3,676,615	1,071,606	2,292,967	3,299,443	1,916,656	3,676,385	1,815,513	550,301	1,090,988	1,080,056	2,336,569	27,485,321
Tuna, bigeye.....	177,608	139,479	206,000	111,304	219,906	40,001	1,671,288	1,807,364	1,807,364	90,068	119,231	17,280	3,030,840
Tuna, longtail.....	-----	-----	-----	-----	-----	-----	60,520	75,520	65,153	-----	-----	-----	329,126
Tuna, mackerel (Atlantic).....	10,154	94,621	56,902	-----	-----	-----	-----	30,915	-----	-----	-----	-----	43,005
Tuna, oriental.....	-----	10,154	94,621	56,902	-----	-----	-----	-----	-----	-----	-----	-----	135,543
Tuna, skipjack.....	500,155	1,869,214	271,898	392,692	496,441	1,381,166	1,155,176	4,235,664	5,516,117	5,130,313	2,902,584	2,041,497	25,360,712
Tuna, yellowfin.....	6,722,159	8,284,775	5,816,017	2,361,150	6,180,533	8,788,533	8,788,533	11,155,035	8,560,210	6,180,313	8,228,072	8,083,958	94,360,541
Miscellaneous fish.....	32,063	91	115	3,225	4,714	31,730	68,354	77,866	83,311	21,970	-----	-----	300,081
Cetacean:													
Whale, unclassified.....	-----	320	-----	110	-----	-----	-----	-----	-----	-----	-----	-----	410
Mollusk:													
Clam, Pismo.....	122,250	122,580	120,990	10,560	3,840	257,520	-----	-----	1,184,592	12,000	192,240	16,800	2,043,672
Total pounds.....	10,717,598	10,790,309	8,672,170	10,317,658	10,691,626	12,208,421	18,166,975	19,806,197	18,231,531	13,337,050	12,750,303	13,416,555	156,748,180
Grand total:	47,126,422	38,688,658	41,668,888	45,367,612	47,816,374	50,823,358	51,129,658	87,364,347	124,346,300	127,100,029	76,807,983	63,671,224	632,919,063

¹ For origin of shipments refer to Table 24.

DEPARTMENT OF FISHERIES AND OCEANOGRAPHY

TABLE 26
Monthly Landings and Shipments Into California During 1958

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	THE MARINE FISH CATCH OF CALIFORNIA
LANDINGS FROM: California waters:														
Fish:														
Flounder.....	9,010	595	11,271	3,202	27,011	17,486	16,857	23,953	26,059	23,395	4,657	6,420	170,055	
Haddock.....	27,267	3,562	12,115	66,543	235,076	82,113	68,237	58,215	171,706	85,200	20,393	1,633	337,465	932,263
Halibut, arrowtooth.....	7,693	110	3,203	36,387	41,331	76,965	101,010	101,626	42,315	101,716	20,393	1,633	337,465	
Hake, Pacific.....	31	3,231	1,645	2,380	916	83	273	8,350	
Hake, Pacific.....	
Herring, Pacific.....	40,278	37	58,415	103,410	105,751	91,405	63,012	75,500	29,314	3,942	11,277	
Lingcod.....	10,502	1,398	22,410	32,956	18,251	20,872	11,805	9,757	5,311	1,849	104,555	
Perch.....	4,811	1,671	13,123	18,860	9,865	1,011	16,077
Pike.....	
Rockfish.....	114,146	45,110	621,800	208,561	351,036	325,375	458,238	295,556	269,500	519,747	242,993	106,332	3,18,709	
Sablefish.....	23,109	2,250	70,775	100,346	183,492	183,505	142,220	107,000	87,503	120,109	89,180	43,930	1,165,313	
Salmon.....	41,284	443,515	419,663	425,061	208,416	51,433	1,884,278	
Seabass.....	8,210	3,506	11,604	10,013	10,992	7,411	10,038	10,212	7,232	1,893	3,411	1,607	10,443	
Sealions, white.....	105	31	216	
Shark.....	20	190	40	163	2,285	435	6,478	650	135	45	10,143	
Skate.....	1,335	440	21,729	300	24,009	
Soles, sand.....	150	20	201	301	3,267	21,127	43,301	28,580	38,580	38,580	1,160	1,160	1,160	
Soles, Dover.....	14,770	8,721	34,160	431,160	1,111,853	675,130	782,831	802,111	555,870	739,807	381,397	426,214	5,880,365	
Soles, green.....	12,770	2,250	20,600	20,600	20,600	20,600	20,600	20,600	20,600	20,600	200	200	2,500	
Soles, petraleo.....	228,651	16,657	57,239	68,478	89,769	133,477	120,845	73,047	50,959	114,195	71,818	212,845	1,280,184	
Sole, red.....	58,492	8,939	50,992	56,631	110,928	72,011	78,808	81,342	74,412	106,797	62,275	39,442	801,137	
Sole, sand.....	33	30	217	297	48	173	100	125	1,335	236	110	490	4,073	
Sole, mottled.....	185	1,715	4,233	30,664	1,007,602	198,000	200	200	1,296,716	
Tuna, albacore.....	164	562	2,004	1,732	9,045	1,233	22,369	
Turbot.....	835	673	1,972	691	594	1,401	
Whitebait.....	4,737	21,395	29,561	20,505	20,865	20,635	19,450	2,965	140,113	
Miscellaneous fish.....	2,845	20	1,357	2,92	1,401	
CRACTACEAN:														
Crab, rock.....	1,755,708	2,535,060	2,737,800	1,304,070	668,450	314,300	28,558	145	200,317	9,852,109	
Shrimp, ocean.....	160,930	314,094	314,604	339,620	307,865	1,014,113	

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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	DEPARTMENT OF FISHERIES	
Mullion:															
Clam, Washington	307	312	222	1,621	91	125	102	527	105	650	3,961		
Octopus	123	1,273	234	253	44,770	1,173,130	1,110,200	1,188,700	7,002,300	1,819	
Sting, giant Pacific	705,123	688,725	761,220	431,060	97,270	234,025	44,770	1,557	7,164		
Oyster, native	468	2,106	1,638	1,365		
Total pounds	3,222,206	3,186,918	4,554,859	3,207,278	5,217,989	3,302,166	3,147,818	2,630,141	3,144,169	3,835,696	2,390,210	2,222,272	60,098,858		
Waters north of state:															
Fish:															
Hounder	1,917	6,655	18,418	2,500	445	4,395	376	7,913		
Hake	14,255	27,275	35,026	2,000	107,109		
Halibut, arrowtooth	5,292	8,004	8,500	10,447	21,367	16,479	1,000	68,119		
Halibut, Pacific	21		
Lingcod	2,831	3,212	5,001	5,935	25,100	27,033	2,071	42	271	73,359		
Rosefish	3,724	23,935	14,631	26,001	22,988	65,266	86,012	9,031	360	13,194	205,562		
Sablefish	416	6,612	3,431	1,162	4,439	7,167	7,241	1,940	2,021	3,259	30,659	10,411		
Salmon	8	10,200	10,200	208	207	207	10,200	10,411		
Sanddab	48	197	515	208	145	428	55	1,369	1,369		
Sole, Dover	706	179,764	117,244	89,941	72,988	306,655	241,116	51,420	21,365	58,279	1,139,237		
Sole, English	54	19,993	14,307	19,828	15,558	32,204	73,540	27,962	3,218	201,461		
Sole, petrale	155	4,274	22,740	30,195	61,070	136,720	203,070	32,163	4,835	10,702	327,370	10,702		
Sole, sand	2,707	2,450	3,388	2,411	11,138	2,217	900	534	11,385		
Turbot	28,521	71,582	7,219	120	120		
Turbot, silver	48	78	107,215	107,215		
Mullion:															
Octopus	271	309	580	580		
Total pounds	5,055	270,417	196,600	214,616	177,434	659,308	784,838	135,141	29,233	90,162	2,502,702		
SHIPMENTS:¹															
Fish:															
Salmon	600	440	2,382	3,588	7,010	7,010		
Total pounds	600	440	2,382	3,588	7,010	7,010		
Grand total	3,227,261	3,186,918	4,554,859	3,477,695	5,014,589	3,547,282	3,325,792	3,301,631	3,932,593	3,970,840	2,389,473	2,219,472	42,648,572	42,648,572	

¹ For origin of shipments refer to Table 24.

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

TABLE 28
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
LANDINGS FROM:													
California waters:													
Fish:													
Anchoovy.....	50	2,838	2,838
Cabezon.....	4,207	1,287	23	5,550
Cod.....	64,463	80,530	79,712	97,623	62,652	25,458	19,905	17,685	22,672	55,649	49,704	121,349	696,904
Croaker, white.....	340	32	288	308	3,465	1,200	334	2,090	1,067	1,067	1,067	1,067	12,554
Flounder.....	11,380	21,843	90,472	24,303	6,490	6,150	2,594	51,185	29,355	12,686	1,300	1,300	269,924
Hake.....	12,715	20,165	145	145	33,215
Halibut.....	985	1,495	480	310	1,328	1,325	15,521	5,273	8,115	835	150	275	38,295
Haddock, California.....	3,346	1,385	837	1,428	1,135	125	95	95	349	473	1,354	3,346	10,251
Herring, California.....	3,371	4,321	6,031	3,821	3,500	12,815	22,335	60,212
Herring, Pacific.....	1,237,260	219,006	69,273	51	70	2,708	1,621,471
Lingcod.....	10,232	9,745	43,055	14,851	25,456	52,123	98,640	66,978	64,955	45,090	31,435	29,805	491,535
Mackerel, jack.....	109	300	3,636	27,207	3,602	1,233	1,163	1,143	34,854
Perch.....	3,341	2,354	13,521	16,369	9,165	1,165	745	42	101	8	42
Porgy, California.....	248	15,320
Rattlin.....
Rockfish.....	436,684	267,350	\$10,142	340,313	371,768	206,463	187,877	235,050	433,500	429,518	271,625	504,928	4,193,068
Sablefish.....	31,142	34,582	63,070	39,925	38,575	38,575	38,575	38,575	38,575	42,000	49,500	67,459	404,040
Sardine.....	1,675,040
Sanddab.....	17,810	35,391	56,388	13,910	20,477	8,365	16,065	9,900	17,500	10,250	17,195	17,750	238,230
Solejapon, staghorn.....	72	257
Sole, seabream.....	20	105	1,125	6,290	4,916	271	493	493	13,246
Sole, white.....	3,190	8,474	6,882	1,808	3,201	4,339	6,210	7,524	4,933	7,473	10,081	4,933	69,388
Shake.....	12,985	13,450	21,036	9,000	5,375	2,310	9,650	4,375	5,540	10,350	14,600	7,820	116,311
Sole, green.....	2,800	3,750	3,200	3,200	3,200	4,320	4,320	4,320	4,320	3,773	1,620	1,620	7,071
Sole, Dover.....	60,090	124,715	256,283	128,470	31,266	48,324	63,213	40,190	20,355	50,560	73,174	107,810	1,023,067
Sole, English.....	198,482	108,009	130,240	36,335	77,729	100,110	149,454	110,676	121,753	120,727	132,000	136,553	1,462,685
Sole, petrale.....	90,053	38,172	31,140	18,615	61,290	75,302	66,153	42,258	48,449	60,793	39,929	168,786	741,835
Sole, red.....	70,000	38,000	33,140	30,000	31,280	14,160	14,160	24,160	48,160	48,160	48,160	48,160	456,175
Sole, miscellaneous.....	1,235	945	4,290	845	469	470	3,100	665	3,455	2,352	2,700	340	19,157
Sole, miscellaneous.....	210	210

THE MARINE FISH CATCH OF CALIFORNIA

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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	DEPARTMENT OF FISHERIES AND MARINE
Splittail	147	438,653	741,270	1,031,597	611,221	35,895	10	157
Tuna, albacore	3,580	3,480	6,700	725	715	860	3,265	1,115	1,115	11,965	1,081	1,330	200	28,884,436
Tuna, blue	3,430	8,908	19,574	23,821	9,219	5,292	4,181	551	200	30,929
Micromesistius fish	10	65	39	2,278	2,207	70,072
Crustacean:														2,309
Crab:	1,102,097	646,917	537,531	230,060	326,880	2,605	4,982	10,708	2,504,384	1,725,454	7,404,524	
Shrimp, bay	8,883	2,097	5,632	2,921	4,120	3,106	45,955	
Shrimp, ocean	110,266	60,373	950	950	950	950	950	172,901	
Mollusk:														
All species	13,074
Octopus	384	452	256	1,725	4,025	1,895	2,250	1,000	1,525	475	55	155	3,378
Oyster, eastern	11,325	8,399	1,177	145	40	135	125	1,114	2,100	1,363	2,310	1,363	32,087
Oyster, East Pacific	62,325	53,745	52,851	62,070	5,070	35,161	29,471	26,546	8,072	8,142	40,608	41,208	204,645	
Oyster, native	955	541	664	1,191	1,021	16	800	440	2,177	329	440	440	8,568
Total pounds	3,789,299	1,825,118	2,053,638	1,098,914	1,720,474	1,255,362	1,669,331	1,543,429	2,049,890	1,630,891	3,404,226	3,404,226	25,138,636	
Waters south of State:														
Fish:														
Tuna, skipjack	45,980	45,980	
Tuna, yellowfin	200,209	200,209	
Total pounds	246,189	246,189	
SHIPMENTS:														
Fish:														
Salmon	1,351	1,351	
Tuna, albacore	293,430	337,783	665,660	276,590	649,410	663,750	235,320	452,750	294,560	241,510	127,130	816,540	5,988,001	
Tuna, kigre	177,698	89,000	61,670	64,390	9,200	392,828	
Tuna, skipjack (Atlantic)	5,000	5,000	
Tuna, skipjack	26,150	60,590	205,500	121,500	9,100	999,810
Tuna, yellowfin	1,035,634	688,030	738,872	258,870	247,710	1,209,330	1,423,190	1,168,120	1,231,110	1,209,430	1,241,220	1,113,094	12,312,236	
Total pounds	1,506,712	1,625,923	1,421,082	532,660	1,450,061	1,953,320	1,658,510	1,682,840	2,214,470	1,762,440	1,441,900	1,977,934	18,640,358	
Grand total	5,298,008	2,850,941	3,478,320	1,631,574	3,475,721	3,208,682	3,327,841	3,226,275	4,203,960	3,422,331	4,846,120	5,977,359	44,025,160	

¹ Includes 606,741 pounds of eelpout, 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 sturgeon) were taken in gill nets. The foregoing small poundage has been combined with the San Francisco area landing.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

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	THE MARINE FISH CATCH OF CALIFORNIA
LANDINGS FROM:														
California waters:														
Fish:														
Anchovy.....	2,600	1,000	1,700	5,300	22,100	90,000	34,000	363,380	512,230	
Barnacles, California.....	200	150	5,150	1,420	1,300	311	344	1,100	1,569	83	12,414	
Cabezon.....	296	970	1,150	20,000	13,700	1,300	6,000	20,100	20,100	7,110	1,045	175	
Flounder.....	214	335	1,011	40,700	28,000	31,100	61,462	32,556	17,700	2,317	362	21,696		
Hake.....	5,681	2,277	1,011	630	1,736	2,166	2,525	1,989	737	2,317	1,362	175	21,696	
Hake.....	4,253	1,825	2,100	560	4,320	12,660	11,655	1,320	50	38,955	
Halibut, California.....	17,141	328	1,216	619	633	1,931	3,861	903	93	387	209	369	12,963	
Herring, Pacific.....	1,000	1,200	21,000	20,000	1,500	4,500	17,000	17,000	1,000	1,000	1,000	
Lingcod.....	11,132	5,910	20,725	8,181	27,633	31,100	61,462	32,556	8,372	6,379	10,510	11,603	238,155	
Mackerel, jack.....	303,269	458	280	3,900	4,079	5,403	1,600,826	1,100,355	155,092	19,604	756	3,203,199	
Mackerel, Pacific.....	1,269	2,872	550	910	3,795	1,111	177	387	359	162,676	
Pike.....	6	60	2,694	1,572	2,135	360	33,001	915	79	40,913	
Ratfish.....	109	773	62,335	580,022	588,183	452,376	376,011	309,722	322,351	471,633	5,857,363	873	
Rockfish.....	370,359	497,177	726,337	458,373	621,335	580,022	588,183	452,376	376,011	309,722	322,351	471,633	5,857,363	
Sablefish.....	5,880	3,743	6,185	80	4,771	19,351	4,095	6,117	6,080	709	695	300	60,982	
Sandab.....	3,671	1,588	3,551	1,829	3,263	10,832	3,853	3,862	3,923	5,053	2,161	218	18,569	
Sardine.....	1,490	1,490	7,490	2,901	1,076	3,217	16,788	
Sebast., white.....	28	230	2,213	372	155	1,938	17,837	27,301	10,296	15,694	10,388	1,500	97,161	
Sebast., greenling.....	258	40	95	965	1,000	100	2,505	
Shark.....	2,763	8,075	970	1,596	1,702	2,692	10,571	12,411	2,220	1,777	885	3,658	19,281	
Shark, petrale.....	7,969	11,029	15,447	11,361	12,827	12,292	13,129	3,247	3,247	3,247	3,247	3,247	2,144	
Shark, sandbar.....	3,203	1,920	1,200	2,200	2,831	1,491	1,470	2,380	1,014	996	3,669	5,306	38,812	
Sole, Dover.....	175	1,578	305	2,531	1,093	1,480	5,583	5,755	8,264	2,750	3,250	3,250	35,513	
Sole, English.....	16,489	14,076	16,035	11,258	47,845	36,288	26,588	29,615	17,850	21,535	17,350	8,767	253,713	
Sole, petrale.....	7,969	11,029	15,447	11,361	12,827	12,292	13,129	3,247	3,247	3,247	3,247	3,247	2,144	
Sole, sandbar.....	3,203	1,920	1,200	2,200	2,831	1,491	1,470	2,380	1,014	996	3,669	5,306	38,812	
Sole, miscellaneous.....	614	183	596	301	1,291	2,236	397	292	419	48	63	63	6,116	
Tuna, albacore.....	318,024	276,565	600,150	302,644	3,789	2,196,091	
Whitebait.....	68,430	22,633	4,174	756	19	657	15	96,589	
Miscellaneous fish.....	100	18	15	152	

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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
Cephalopoda:													
Dolphin.....	27,585	21,093	16,062	10,509	6,275	221	94	60	178	60	14,115	36,015
Prawn.....	199	69	30
Mollusks:													
Clam, paper.....	60	20	100	100	310	40	20	680	680
Squid.....	1,871	935	220	41	55	215	201	55	3,834	3,834
Squid.....	1,550	9,835	88,820	173,740	205,805	562,700	1,174,350	1,178,356	263,530	150	3,902,595
Grand total.....	843,120	617,025	531,010	75,244	1,614,816	1,820,100	2,791,672	6,577,412	10,209,151	2,930,169	1,567,471	4,037,628	31,112,272

DEPARTMENT OF FISHERIES AND Game

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

TABLE 30
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	THE MARINE FISH CATCH OF CALIFORNIA
LANDINGS FROM: California waters:														
Fish:														
Anchovy.....	114	25,468	6,171	29,361	6,480	78,000	517,445	1,136	1,777	8,096	8,895	31,650	627,695	21,523
Barracuda, California.....	221	65	258	191	344	41	1,711	14,229	8,506	1,917	3,080	29,768	1,223
Codross.....	238	65	258	191	344	41	1,712	9	45	45	76	1,10	2,570
Croaker, white.....	217	68	68	821	1,040	110	1,220	3,570
Flounder.....	1,116	218	21	78	1	1	1,116
Hake, California.....	1,550	10,000	12,754	12,670	7,200	12,774	9,738	10,773	1,998	336	6,899	11,616	109,611	300
Herring, Pacific.....	200	200
Lamprey.....	12,455	7,250	2,665	10,633	20,446	12,311	12,000	2,365	4,404	10,746	6,535	8,110	123,987	3,110
Mackerel, jack.....	3,228,002	30,700	200	233	1,159	25,229	937,288	361,416	1,776,530	229,096	6,193,927
Mackerel, Pacific.....	663,200	105,000	5,000	108,007	61,450	329,296	121,995	2,275,365	3,671,413
Perch.....	2,483	1,014	630	215	2,123	3,215	2,139	5,055	4,802	4,788	25,854	3,113,894
Rockfish.....	242,155	124,238	388	351	384,809	311,757	305,198	193,421	187,649	192,592	287,478	171,598	3,113,894	3,113,894
Sardine.....	100	145	3,80	286	113	869	113	1,279	1,279
Salmon.....	19	35,163	22,788	36,579	7,874	117	102,497	102,497	102,497
San-Dab.....	150	728	380	291	472	396	713	7	3,166	3,166
Sardine.....	36,410	61,000	61,750	7,504,930	13,790,570	14,276,995	6,546,255	2,715,582	47,108,337	1,091	1,091	1,091
Sole, black.....	27	27	403	200	200	200	200	200	200	200	200	200	200
Soleas, white.....	9,497	3,917	6,112	9,901	27,984	31,623	92,709	78,630	20,797	28,363	49,433	65,569	416,902	2,243
Seatrout, greenling.....	424	558	274	546	446
Shark.....	6,116	393	7,879	6,133	11,081	3,140	2,532	2,637	1,692	3,878	4,814	7,790	57,829	57,829
Shark.....	18	7	19	790	2,049	2,049
Shark.....	3,112	1,926	247	199	280	280	91	5,754	5,754
Sole, sand.....	44	8	92	14	103	103	91	91	91
Sole, Dover.....	280	225	225	135	135	135
Sole, English.....	26,467	27,260	30,902	15,407	14,114	11,965	15,434	11,435	8,829	14,844	18,167	2,727	211,678	211,678
Sole, petrale.....	39,184	32,498	43,500	31,231	78,162	42,198	26,920	34,003	41,313	43,638	31,421	22,693	491,321	491,321
Sole, rex.....	10,162	7,515	17,537	12,734	15,155	4,821	2,297	4,369	3,143	8,172	7,874	3,062	65,711	65,711
Sole, sand.....	5	165	879	525	75	231	24	103	103	565	565
Sole, miscellaneous.....	3,396	3,396

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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.....	15,855	32,852	31,881	25,537	5,005	160	111,737	1,976,153
Tuna, albacore.....	213,567	880,692	630,033	63,638	26	26	1,976,153
Tuna, bluefin.....	28	60	26
Tuna, yellowfin.....	97	1,411	70	9,530	9,530
Turbot.....	3,515	3,760	360	317	128
Whitefish, ocean.....	114	11	25	24	812	385	1,142
Yellowtail.....	182	4	50
Yellowtail mackerel.....	56	1,142
Crustacean:													DEPARTMENT OF FISHERIES AND GAME
Crab.....	24,923	28,522	29,413	9,354	9,229	7,876	12,110	4,015	10,852	8,388	2,871	16,943	48,411
Crab, rock.....	5,336	7,216	2,300	7,718	7,876	12,110	4,015	10,852	8,388	2,871	16,943	48,411	187,135
Lobster, ocean.....	17,254	15,424	6,857	15,740	13,566	45,231	6,084	7,023	1,118	22,672	30,523	59,517
Shrimp, ocean.....	117,413
Mollusk:													88,763
Ahalone.....	105,893	41,745	215,737	271,665	200,560	240,599	167,799	241,723	179,206	191,032	238,751	2,117,311
Ocean scallop.....	1,341	1,180	1,702	880	237	143	143	105	105	105	105	105	6,010
Oyster, giant Pacific.....	211,936	219,850	236,710	153,220	92,349	69,320	28,230	32,825	74,020	22,672	22,672	22,672	1,067,290
Squid.....	105	105	105	105	168
Total pounds.....	4,794,441	600,499	862,337	911,013	1,132,906	870,039	1,696,714	9,109,172	18,090,354	15,677,323	8,812,298	6,130,995	68,691,097
SHIPMENTS:¹													
Crustacean:													
Shrimps, unclassified.....	330	110	440
Mollusk:													
Clam, Pismo.....	15,360	26,880	25,040	10,560	2,580	79,680	79,680
Total pounds.....	15,360	27,210	23,040	10,670	3,580	80,120	80,120
Grand total.....	4,809,304	627,768	888,377	924,603	1,156,746	870,029	1,696,714	9,109,172	18,090,354	15,677,325	8,812,298	6,130,995	68,771,307

¹ For origin of shipments refer to Table 34.

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:													
Fishery:													
Anchovy.....	1,892,565	811,909	368,505	356,399	837,560	1,566,735	987,730	647,110	630,916	1,055,635	968,384	631,111	10,415,710
Bass, California.....	1,002	2,771	31,111	1,000	16,014	68,412	10,417	81,620	15,975	1,019	486	2,180	407,661
Bonito.....	1,866	213,318	413,583	41,420	17,643	21,210	2,039,006	557,626	346,462	5,949	338,445	317,691	4,538,333
Croaker, white.....	38,562	2,783	26,108	38,331	22,331	116,210	50,502	31,556	23,666	12,199	125,596	93,292	913,693
Flounder.....	—	—	—	—	—	3,160	12,042	13,730	8,033	—	—	—	—
Haddock.....	—	55	7,17	143	1,264	360	—	70	77	—	—	—	4,224
Haddock, California.....	13,745	3,608	6,300	12,552	7,714	1,586	8,858	1,433	1,700	2,692	556	2,510	63,838
Lingcod.....	—	—	—	—	—	85	72,133	602,655	102,625	119,675	8,972	131,305	323,813
Mackerel, California.....	298,333	30,908	1,397,732	150,750	28,331	28,331	28,331	31,000	30,600	52,500	52,500	12,428,521	32,428,521
Mackerel, Pacific.....	3,190,533	798,688	1,882,873	1,621,015	2,200,028	1,209,000	1,215,718	1,028,181	700,052	2,147,497	3,798,957	3,046,283	23,737,794
Oncorhynchus.....	—	138	783	688	68	160	—	—	291	—	—	313	2,351
Pompano, California.....	1,902	3,687	12,234	7,063	7,218	2,183	113	158	121	1,102	1,467	909	39,187
Rockfish.....	43,382	39,073	33,480	69,127	60,729	36,609	28,130	31,000	30,600	52,500	52,500	50,400	304,690
Sardinefish.....	—	—	75	160	25	—	—	—	—	—	—	—	209
Salmon.....	—	—	—	—	—	681	2,421	—	—	—	—	—	3,104
Sanddab.....	159	921	1,029	210	880	632	447	102	2,077	—	—	—	6,966
Sardines.....	252,143	202,169	16,809	29,100	332,450	294,169	296,690	66,059	46,307,654	87,611,310	27,014,050	10,731,747	143,221,513
Sargo.....	—	—	—	1,200	—	—	—	—	—	—	—	—	1,240
Serpentines.....	382	202	1,089	1,161	11,285	16,855	14,721	9,374	4,918	1,111	1,111	142	61,389
Sebastodes blaini.....	37	71	177	200	214	82	208	30	87	45	161	2,589	—
Sole, California, white.....	54,305	52,735	51,505	31,051	18,870	36,608	320,231	382,112	33,001	20,392	22,000	83,222	1,455,100
Shark.....	3,516	1,288	3,932	13,225	18,096	15,812	17,198	11,544	10,531	5,787	16,000	11,155	128,393
Sheep-head.....	45	85	390	13,19	75	283	497	135	36	41	227	201	2,091
Shrimps.....	282	25	—	1,210	100	30	30	—	—	—	—	—	375
Swordfish.....	10,870	1,473	18,448	5,779	3,682	1,065	23,292	3,505	2,562	77,131	103,295	231,773	—
Sole, English petrale.....	—	—	—	—	—	265	—	—	—	—	—	—	265
Sole, petrale.....	—	—	—	—	—	88	—	—	—	—	—	—	318
Spoonbill.....	11	6	—	278	300	—	—	—	—	—	—	—	632
Swordfish.....	—	—	—	—	—	33,053	116,838	88,118	38,501	1,320	—	—	278,946
Tuna, albacore.....	3,293	—	—	—	—	770	3,240,658	3,967,150	1,135,531	780,051	61,779	381	9,189,731

THE MARINE FISH CATCH OF CALIFORNIA

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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	DEPARTMENT OF FISH AND GAME
Tuna, bluefin.....	880,400	1,002,214	320,353	2,563,463	6,024,954	2,997,588	123,952	200,460	13,425	14,000,250		
Tuna, skipjack.....	829,421	200,460	13,425	1,045,509	
Tuna, yellowfin.....	131,421	200,460	13,425	276,011	
Whitefish, ocean.....	14	439	23	91	44	300	162	730	
Yellowtail.....	5,121	5,698	6,135	6,154	12,732	7,751	773	6,295	7,787	519	3,789	2,483	66,163	
Miscellaneous fish.....	4	91	110	169	253	214	54	8	92	1,000	
Cetacean:														
Whale.....	8,285	4,101	8,282	5,916	2,810	8,813	10,239	9,491	7,863	9,979	7,180	8,331	92,520	
Lobster, spiny.....	46,449	19,000	14,232	118,569	68,381	83,240	318,178	
Mollusk:														
Abalone.....	210,600	30,185	200,965	206,320	44,208	195,232	101,791	105,193	108,025	222,635	120,771	1,600,475	
Oyster.....	41	44	26	64	37	24	25	2	260	
Sea snail.....	40	15	21	27	150	
Squid.....	897,062	1,362,163	821,949	310,070	2,070	3,812,167	
Total pounds.....	6,793,215	3,728,982	5,377,969	4,641,214	5,361,596	4,484,279	11,686,416	13,816,210	53,104,500	71,627,781	31,470,312	18,990,840	229,516,630	
Waters north of State:														
Fish:														
Tuna, above.....	32	204,434	587,090	741,536	
Total pounds.....	52	204,434	587,090	741,536	
Waters south of State:														
Fish:														
Barbuda, California.....	31,998	12,125	22,658	11,680	2,410	170	4,212	11,710	92,013	
Bonito.....	1,194	14,456	14,456	37,219	205,335	1,543	880	262,669	
Cobia.....	1,355	1,355	1,355	383	4,015	40	73	1,200	3,429,599	
Grouper.....	100,150	27,624	21,458	1,035	9,970	810	6,144	56,520	81,135	310,576	
Lingcod.....	90	
Rock bass.....	373	373	
Rock fish.....	8,829	3,850	6,718	15,559	
Sea bass, black.....	2,147	100	16,713	3,658	21,165	68,570	37,625	21,792	2,405	198,175	
Seabass, white.....	90	28,090	68	28,278	
Shark.....	351	253	15	333	

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

	SHIPMENTS ^a	TIME MARINE FISH CATCH UP CALIFORNIA
FISH		
Bonito.....	5	.65
Swordfish.....	2,520	2,612
Tuna, albacore.....	511	709
Tuna, bigeye.....	756	21,088
Tuna, bonito.....	317	5,243
Tuna, yellowfin.....	1,690	17,533
Whiting.....	1,255	2,480
Whitefish.....	326	205
Yellowtail.....	2,235	6,298
Total pounds.....	18,824,566	11,607,133 12,553,184 12,111,662 14,271,501 18,605,004 23,018,651 16,861,554 8,481,436 4,014,366 5,047,743 7,693,226 150,992,230
SHIPMENTS^b		
Bonito.....	10,769
Salmon.....	1,085	1,085
Herring, Pacific.....	16,211
Sardine-fish.....	5,800	22,602
Salmon.....	3,150	2,857
Sturgeon.....	915	628
Tuna, albacore.....	2,861,132	2,962,226 1,244,840 1,065,585 2,09,003 1,163,384 3,672,556 1,292,172 235,531 121,742 14,470,210 1,151,111 21,472,252
Tuna, bonito.....	69,125	69,094
Tuna, yellowfin.....	11,141	2,148
Tuna, oriental.....	16,184	94,624 56,902
Tuna, skipjack.....	27,112	855,621 319,550 292,482 331,279 608,056 278,739 2,652,806 3,200,017 3,601,436 1,700,214 1,650,605 16,444,731
Tuna, mackerel.....	1,674	3,549,276 4,912,042 3,649,605 5,261,283 6,145,251 7,500,768 5,017,112 6,871,712 8,837,027 7,081,139 70,055,628
Mollusk:		
Clam, Pismo.....	106,920	16,000 97,920
Total pounds.....	2,942,288	7,327,669 6,202,961 9,607,213 8,327,591 8,850,591 14,035,917 13,835,297 9,860,655 8,261,181 8,897,521 10,100,207 114,278,421
Grand total.....	25,562,169	23,613,764 26,032,087 29,210,084 28,264,301 31,938,787 48,641,146 44,543,081 71,662,025 84,770,589 47,415,579 33,844,273 495,889,815

^aFor origin of shipments refer to Table 24.

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TABLE 31—Cont'd.

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:													
Pacific herring.....	31,082	31,805	27,194	67,522	1,725	1,227	31,278	36,238	5,944	11,221	2,238	1,472	311,761
Bonito.....	2,532	630	163	585	89	3,837	35,312	15,935	105,299	71,716	256	9,227	236,711
Cod.....	24	4	29	29	23	29	11	49
Croaker, white.....	24	14	28	33	182	117	14	42	11	49
Hallibut, California.....	10,296	7,742	6,124	117	11	1,492	7,373	165	304	832	7,986	5,818	131
Haddock, California.....	62	18	120	120	312	2,129	59,681
Mackerel, Pacific.....	86	60	83	12,933	23	20	103	320	11,982	1,801	2,390	2,802	62,002
Rockfish.....	14,737	15,068	60,903	69,584	53,595	38,698	22,911	11,143	8,749	2,715	1,960	8,808	310,921
Sardine.....	366	660	661	19	9,974	55	43	3,570	5,520	2,000	11,094
Solefish, black.....	11,119	526	70	290	522	277	1,110	1,110	190	163	48	3,324
Solefish, white.....	12,434	17,200	89,209	13,847	3,438	61,761	116,822	111,119	27,731	38,647	43,000	32,244	275,007
Shark.....	12,191	10,433	11,845	19,312	13,902	7,819	6,149	2,791	6,429	22,221	39,016	15,731	199,321
Sheephead.....	2,356	633	248	172	449	257	538	80	1,308	677	967	7,093
Silverside.....	366	234	19	180	129	2,022
Swordfish.....	1,862	54,601	17,092	2,636	80,392
Tuna, albacore.....	2,168,073	1,677,317	1,287,233	420,934	11,358	12,082	2,972,216	1,535
Tuna, skipjack.....	6,368	86,800	120,000	826,352
Tuna, yellowfin.....	13	12,006	917,535	\$13,326	1,412,999
Whitefish, ocean.....	28	62	131,018	16,819	147,699
Yellowtail.....	130	245	99	1,000	9	9,694	1,799	10,003	961	3,443	2,173	3,048	28
Miscellaneous fish.....	237	297	3	10	37,579
Crustacean:													
Oval, rock.....	556	1,474	81	537	103	1,160	3,911
Lobster, spiny.....	18,478	11,780	7,271	63,988	30,729	27,081	156,879

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

THE MARINE FISH CATCH OF CALIFORNIA												
Mollusks:												
Shalone	22,116		11,462	16,828	67,310	33,211	26,858	30,681	61,817	71,381	53,903	18,196
Clam, jackknife	357	463	561	951	1,371	1,354	1,227	974	583	450	257	246
Oysters	35	5
Squid	11,420	11,420
Total pounds.	242,235	101,200	230,425	250,908	208,841	162,349	2,637,280	8,167,612	1,371,920	1,799,043	731,450	163,322
Waters north of State:												
Fish:												
Tuna, albacore	869	226,261	227,127
Total pounds.	866	226,261	227,127
Waters south of State:												
Fish:												
Barracuda, California	683	349	8,626	4,801	1,792	138	20,010	8,327	13,274
Bass	14,345	20,015	297,236	11,431	29,267	3,059
Grupper	12,255	12,255
Hake, California	738	8,774	1,081	1,076
Mackerel, Pacific	13,325	15,325
Rockfish	280	170	11	720	1,236	2,886
Sea bass, black	520	280	500	1,356	2,027	3,156
Sealions, white	116	320	2,282	183	46,881	11,282	6,539	9,000
Seabream	105	1,155	60	2,822	2,822	11,007	539	16,614
Sheep-head	450	60	470	125	1,041	1,041
Tuna, albacore	2,503	1,093	11,798	352,623	125,632	10,019	700,665	700,665
Tuna, Dorfin	2,810,107	3,778,702	2,618,604	4,711,812	3,808,632	4,168,671	66,1412	483,569	3,205	2,437,567	2,437,567
Tuna, yellowfin	3,608,414	3,113,014	2,409,302	3,517,605	3,329,401	3,679,261	6,607,731	4,742,901	3,441,602	2,168,340	2,011,181	1,941,283
Wahoo	35	101	70	49	276
Whitefish, ocean	27,927	365	1	1,837	333	3,140	1,653	1,091
Yellowtail	66	66	66
Miscellaneous fish
Total pounds.	5,892,289	6,941,494	5,027,996	8,290,309	7,208,829	7,870,904	16,147,721	12,119,271	10,669,114	10,272,043	8,603,712	10,659,561
												109,674,403

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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	DEPARTMENT OF FISH AND GAME
SHIPMENTS:														
Fish														
Tuna, albacore.....	436,056	61,196	10,212	114,470	98,176	63,191	317,481	99,123	30,235	1,259,022				
Tuna, bigeye.....	60,800	263,030	161,600	295,781	30,963	371,010	91,821	29,399	40,701	1,181,459				
Tuna, longtail.....	78,438	46,533	79	
Tuna, bluefin (Atlantic).....	327,944	23,915	33,915	
Tuna, oriental.....	20,833	20,833	
Tuna, skipjack.....	280,978	551,121	2,189	1,472	609,950	236,312	1,542,199	1,920,000	1,110,482	1,093,241	402,472	7,876,661		
Tuna, yellowfin.....	972,548	1,308,729	203,358	603,901	401,078	618,362	1,021,804	2,051,856	1,325,999	1,163,975	836,737	12,107,511		
Total pounds.....	1,283,526	2,339,607	326,841	747,315	703,731	1,403,967	1,572,078	3,879,672	4,143,838	2,983,438	2,119,879	1,278,111	23,272,229	
Grand total.....	7,308,143	9,402,391	6,705,265	9,258,322	8,120,401	9,437,310	20,357,088	21,160,555	16,387,757	15,283,785	11,737,041	12,101,497	148,442,582	

¹For origin of shipments refer to Table 24.

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 ¹	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	
Barrauda, California.....	\$129	\$9,327	\$7,357	\$133,448	\$110	\$150,381	
Bonito.....	200	20	74,838	504,677	338,442	915,259	
Cabezon.....	—	—	29,708	4,801,004	510,551	5,546,826	
Cabrilla.....	5,550	12,614	1,223	—	133	19,520	
Carp.....	\$92	\$120	\$63	—	\$15	\$500	
Croaker, white.....	6,165	147,815	2,370	613,695	489	770,534	
Flounder.....	177,048	269,924	21,606	2,624	—	471,202	
Flyingfish.....	\$8,781	\$12,502	\$1,106	\$134	—	—	
Grouper.....	696,904	—	—	—	696,904	—	
Hake.....	1,062,858	33,315	38,965	—	—	34,172	
Halfmoon.....	\$18,600	\$500	\$394	—	4,324	131	
Halibut, arrowtooth.....	605,584	38,296	—	—	—	643,890	
Halibut, California.....	\$12,837	\$1,245	—	—	—	—	\$1,082
Halibut, Pacific.....	31	10,253	12,663	109,611	63,836	71,052	267,446
Herring, Pacific.....	\$5	\$2,148	\$2,904	\$25,023	\$16,680	\$17,458	\$61,178
Hardhead.....	8,271	—	—	—	—	8,271	
Lingcod.....	59,373	—	—	—	—	59,373	
Mackerel, jack.....	44,277	1,621,471	733,682	300	—	2,399,733	
Mackerel, Pacific.....	\$1,111	\$14,432	\$28,394	\$15	—	—	\$13,952
Pompano, California.....	744,365	491,636	236,135	125,048	915	1,416	1,599,515
Ratfish.....	9,595	15,330	875	—	—	—	80,564
Rock bass.....	\$384	\$507	\$9	—	—	—	\$19,502
Rockfish.....	3,814,288	4,195,068	5,857,038	3,143,546	520,088	312,157	17,842,163
Sablefish.....	1,205,212	46,040	1,072	1,579	269	—	\$1,723,272
Salmon.....	\$82,174	\$16,016	\$1,760	\$68	\$10	—	\$100,075
Seadab.....	1,599,019	1,675,040	277,181	102,497	3,104	—	3,656,841
Seal.....	\$707,840	\$74,891	\$115,610	\$19,071	\$1,573	—	\$1,618,985
Sardine.....	108,980	238,657	48,669	3,166	6,966	—	406,438
Seaweed.....	\$6,527	\$13,642	\$3,626	\$165	\$1,545	—	\$25,505
Sargo.....	—	—	16,783,939	47,109,855	143,540,953	11,090	207,445,837
Sculpin.....	—	—	\$508,553	\$1,083,526	\$3,816,899	\$297	\$5,439,275
Sculpin, staghorn.....	—	—	—	—	1,740	—	1,740
Sea bass, black.....	—	—	—	—	—	—	\$397
Seabass, white.....	246	13,246	92,161	414,892	1,483,378	845,840	2,849,763
Seatrat, greenling.....	\$49	\$1,750	\$15,197	\$67,337	\$183,346	\$128,229	\$395,908
Shark.....	10,443	69,388	49,383	57,820	128,731	175,948	491,713
	\$136	\$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 ^a	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	5,734	2,785	----	2,693
Smelt.....	8754	\$1,364	\$330	\$288	\$235	----	\$149
Smelt.....	188,641	73,071	35,935	432	251,775	----	549,854
Sole, rexd.....	9,487	\$9,296	\$2,096	\$32	\$6,832	----	\$27,743
Sole, Dover.....	7,028,630	1,023,067	730	640	----	----	8,053,040
Sole, English.....	\$370,264	\$50,305	\$37	\$82	----	----	\$120,698
Sole, English.....	3,219,893	1,462,685	255,713	211,678	265	----	5,181,324
Sole, petrale.....	\$21,202	\$9,111	\$16,340	\$13,322	\$321	----	\$18,031
Sole, petrale.....	1,813,810	741,835	110,394	491,321	318	----	3,157,678
Sole, rex.....	\$19,694	\$76,694	\$11,051	\$50,263	\$34	----	\$530,844
Sole, rex.....	842,485	445,673	38,892	95,841	----	----	1,422,891
Sole, sand.....	\$19,694	\$25,068	\$1,961	\$5,125	----	----	\$82,121
Sole, sand.....	4,193	19,157	----	990	----	----	24,340
Sole, sand.....	\$115	\$1,686	----	\$99	----	----	\$2,200
Sole, miscellaneous.....	2,500	210	6,716	2,366	622	2,830	15,244
Sole, miscellaneous.....	\$114	\$13	\$581	\$192	\$66	\$291	\$1,257
Spittail.....	----	157	----	----	----	----	157
Spittail.....	----	\$55	----	----	----	----	\$55
Swordfish.....	----	----	----	111,737	279,646	80,392	471,775
Tuna, albacore.....	1,372,501	2,888,436	2,190,201	1,676,153	9,952,375	8,908,111	27,187,777
Tuna, albacore.....	\$257,344	\$571,332	\$113,729	\$556,845	\$2,098,056	\$1,868,922	\$5,567,128
Tuna, bigeye.....	----	----	----	----	5,245	----	5,245
Tuna, bigeye.....	----	----	----	----	\$729	----	\$729
Tuna, bluefin.....	----	----	----	26	27,281,089	3,438,117	30,719,232
Tuna, bluefin.....	----	----	----	\$479	\$13,582,007	\$147,299	\$1,029,310
Tuna, skipjack.....	----	45,980	----	168	57,759,135	64,962,321	122,767,544
Tuna, yellowfin.....	----	5,190	----	\$15	\$6,636,521	\$7,522,637	\$14,161,666
Tuna, yellowfin.....	----	230,206	----	----	83,782,728	42,436,460	123,419,394
Turbot.....	22,886	39,929	----	9,530	170	----	72,315
Turbot.....	\$2,073	\$1,713	----	\$479	\$1	----	\$1,270
Wahoo.....	----	----	----	----	23,557	276	23,833
Whitebait.....	140,143	70,073	96,589	----	----	----	305,805
Whitefish, ocean.....	\$10,090	\$7,785	\$8,200	128	1,381	393	1,902
Yellowtail.....	----	----	----	\$13	\$71	\$16	\$103
Miscellaneous fish.....	4,464	2,399	----	1,442	85,273	82,915	169,630
Miscellaneous fish.....	\$78	\$41	\$8	\$21	\$7,736	\$5,953	\$13,810
Miscellaneous fish.....	----	----	----	50	1,000	622	8,668
Miscellaneous fish.....	----	----	----	223	\$115	\$115	\$172
Crustacean:							
Crab.....	9,582,999	7,405,578	127,064	167,125	----	----	17,282,766
Crab, rock.....	\$1,076,129	\$942,601	\$17,806	\$24,016	----	----	\$2,069,612
Lobster, spiny.....	11,014	----	----	59,517	92,520	3,911	165,962
Prawn.....	----	----	----	\$2,137	\$8,586	\$141	\$10,864
Shrimp, bay.....	----	45,955	----	----	----	----	45,955
Shrimp, ocean.....	1,467,113	172,834	----	83,763	----	----	1,726,880
Octopus.....	\$132,186	\$14,088	----	\$8,051	----	----	\$154,925
Mollusk:							
Abalone.....	----	13,075	----	2,117,321	1,606,475	487,147	4,224,018
Clam, gaper.....	----	\$2,092	----	\$253,856	\$123,928	\$40,419	\$422,295
Clam, jackknife.....	----	----	\$71	----	----	----	\$71
Clam, Washington.....	3,961	----	----	----	----	8,788	8,788
Octopus.....	\$522	----	----	----	----	\$3,277	\$3,277
Octopus.....	2,399	3,378	3,572	6,010	296	35	5,522
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	\$9,292	—	—	—	—	32,087
Oyster, giant Pacific.....	7,402,950	588,646	—	1,607,466	—	—	9,599,062
Oyster, native.....	1,148,650	14,141	—	321,149	—	—	1225,122
Sea snail.....	7,164	8,598	—	—	—	—	15,762
Sea snail.....	772	4,107	—	—	—	—	4,170
Sea snail.....	—	—	—	—	163	—	163
Squid.....	—	—	—	—	11	—	11
Squid.....	—	—	3,902,936	105	3,543,107	11,270	7,457,618
Squid.....	—	—	87,817	2	\$57,753	\$338	\$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:							
Fish:							
Bonito.....	—	—	—	10,708	—	—	10,708
Eel.....	—	—	—	1,085	—	—	1,085
Halibut, Pacific.....	—	—	—	16,244	—	—	16,244
Sablefish.....	—	—	—	224,674	—	—	224,674
Salmon.....	7,010	—	—	40,284	—	—	40,284
Shad.....	3,973	—	—	457,759	—	—	464,769
Shad.....	—	1,351	—	—	\$305,921	—	\$309,894
Sturgeon.....	—	1,486	—	—	—	—	1,486
Tuna, albacore.....	—	5,085,003	—	21,101,296	1,299,022	27,495,321	—
Tuna, albacore.....	—	\$804,447	—	\$2,363,547	\$211,351	\$4,374,645	—
Tuna, bigeye.....	—	392,838	—	3,512,536	1,481,520	5,386,894	—
Tuna, bluefin.....	—	\$48,869	—	\$435,203	\$254,377	\$738,449	—
Tuna, bluefin (Atlantic).....	—	9,090	—	76,993	452,435	529,428	—
Tuna, bluefin (Atlantic).....	—	\$1,364	—	\$10,009	\$57,871	\$67,830	—
Tuna, oriental.....	—	—	—	164,710	20,833	185,543	—
Tuna, skipjack.....	—	609,640	—	\$24,220	\$1,167	\$28,396	—
Tuna, skipjack.....	—	\$76,770	—	16,240,209	7,876,663	25,390,712	—
Tuna, yellowfin.....	—	12,542,236	—	\$1,803,678	\$2,363,547	\$2,374,645	—
Miscellaneous fish.....	—	\$1,678,151	—	70,000,578	12,107,841	94,655,755	—
Miscellaneous fish.....	—	—	—	\$9,695,753	\$1,067,250	\$13,944,187	—
Miscellaneous fish.....	—	—	—	306,081	—	306,081	—
Miscellaneous fish.....	—	—	—	\$86,157	—	\$86,457	—
Crustacean:							
Shrimp, unclassified.....	—	—	—	440	—	—	440
Shrimp, unclassified.....	—	—	—	\$229	—	—	\$229
Mollusk:							
Clam, Pismo.....	—	—	—	79,680	1,963,992	—	2,043,672
Clam, Pismo.....	—	—	—	\$1,753	\$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	\$3,187,866	\$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.....	165,025	4,407,632
Giant Pacific oyster.....	148,059	7,402,650
Dover sole.....	134,123	2,545,034
Allaore.....	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
Allaore.....	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.....	\$519,099	4,622,430
Salmon.....	74,257	165,808
Ocean shrimp.....	73,173	812,134
Allaore.....	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.....	90,015	856,493
English sole.....	60,898	1,289,336
Crab.....	61,394	177,029
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	151,100
Arctoooth halibut.....	9,277	437,578
Ocean shrimp.....	5,458	60,581
All other.....	7,026	86,938
Totals.....	\$198,386	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

	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	6,443,821
Crab	572,334	4,496,665
Rockfish	127,515	3,198,188
Skipjack	82,269	655,820
Salmon	71,149	159,994
Petrale sole	57,686	558,009
Bigeye tuna	48,869	392,838
Dover sole	43,950	892,662
English sole	28,318	454,910
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	696,231
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	680,757
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	115,535
Rex sole	6,477	115,160
All other	23,347	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	652,500
English sole	20,341	327,018
Petrale sole	10,623	102,733
Lingcod	10,242	174,186
Rex sole	5,697	101,532
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	1,141,001
Sausalito		
Albacore	\$103,945	525,508
Crab	62,238	189,190
Salmon	58,712	132,025
All other	104	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, 1958¹

	Value	Pounds
Clear Lake		
Carp.....	\$25,451	515,200
Hardhead.....	18,239	55,558
Totals.....	\$43,690	570,758
Tomales 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.....	141,667	714,830
Rockfish.....	55,982	2,505,049
Jack mackerel.....	64,265	3,660,254
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	105,003
Lingcod.....	8,531	110,366
Ocean shrimp.....	8,051	88,763
Perch.....	5,934	26,590
All other.....	13,771	179,165
Totals.....	\$1,123,018	37,293,341
Santa Barbara		
Abalone.....	\$161,191	1,369,188
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.....	20,253	550,273
California halibut.....	19,945	87,365
Sardine.....	11,238	488,630
English sole.....	9,352	143,222
All other.....	12,744	297,619
Totals.....	\$436,530	5,663,187
Port Hueneme		
Sardine.....	\$325,184	14,138,445
Pacific mackerel.....	49,361	2,329,369
Jack mackerel.....	24,546	1,168,876
Abalone.....	13,825	135,035
All other.....	15,125	211,252
Totals.....	\$428,041	17,993,877
Port San Luis (Avila)		
Abalone.....	\$215,162	1,131,239
Salmon.....	94,189	4,095,180
Jack mackerel.....	40,040	1,906,679
Salmon.....	19,507	40,880
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.....	\$125,001	8,177,595
San Simeon		
Abalone.....	\$24,236	183,465
Totals.....	\$24,236	183,465
All other ports		
Abalone.....	\$15,323	116,331
All other.....	1,503	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
Bigeye 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.....	\$42,615,091	445,683,034
San Pedro		
White seabass.....	\$166,008	1,343,104
Spiny lobster.....	119,168	187,312
Bluefin tuna.....	98,651	751,340
Pacific mackerel.....	95,116	3,850,865
Swordfish.....	62,264	176,786
Sardine.....	60,292	2,249,684
Anchovy.....	53,852	4,207,210
Grouper.....	52,175	309,064
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
Seulfin.....	17,094	59,520
California halibut.....	16,334	62,509
Jack mackerel.....	13,673	546,918
White croaker.....	13,485	392,799
Abalone.....	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.....	91,423	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		
Abalone.....	\$111,168	1,443,735
Pacific mackerel.....	86,259	3,496,333
Bonito.....	33,035	860,293
Swordfish.....	32,222	91,489
Spiny lobster.....	18,473	29,036
White seabass.....	15,467	124,652
Wahoo.....	8,203	23,547
Shad.....	7,478	99,861
Jack mackerel.....	6,971	278,856
California barracuda.....	5,608	42,518
All other.....	7,154	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	54,543,367
Albacore.....	2,080,251	10,207,042
Bluefin tuna.....	505,120	3,890,532
Bigeye tuna.....	254,377	1,381,520
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.....	17,365	69,454
Shark.....	14,301	174,938
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.....	22,692	118,867	73,924	197,267	23,363	20,068	28,088	65,814	41,540	6,382
Burgess, California.....	366,423	256,367	269,545	336,592	170,550	242,552	151,062	82,603	572,184	282,723
Haddock, California.....	104,630	85,935	56,295	34,158	34,292	36,624	25,502	21,661	10,795	16,192
Kelp bass ²	79,150	63,797	75,132	52,032	71,126	82,575	49,741	47,053	60,093	63,721
Rockfish.....	570,637	629,164	721,808	706,001	696,180	1,149,391	1,347,707	2,035,708	1,308,154	1,361,132
Salmon.....	23,057	56,237	71,970	56,472	98,723	119,911	128,975	114,565	44,701	52,676
Sebastodes, white.....	65,545	51,718	14,367	41,913	28,182	41,388	38,103	19,735	19,030	34,039
Yellowtail.....	11,210	6,731	22,480	27,200	40,472	36,780	25,738	13,212	12,744	12,744
All other species.....	372,157	313,467	362,408	338,974	486,471	683,808	413,832	563,816	720,581	
Total number of fish.....	2,239,794	2,190,413	2,300,644	2,305,875	2,280,150	3,274,527	3,112,882	3,262,999	3,502,974	3,800,880
Number of angler divs.....	469,915	544,261	556,939	562,598	502,116	332,166	496,298	323,663	536,175	513,175

¹ Does not include barges.² Includes sand bass.

TABLE 41
Recorded Catch of Live Bait¹ for Saltwater Sportfishing, 1954-1958
(Pounds)

Species	1954	1955	1956	1957	1958
Anchovy.....	13,372,042	12,250,890	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	6,600	72,139	43,045
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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Recorded Catch of Live Bait for Saltwater Sportfishing, 1954-1958