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STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF FISH AND GAME
FISH BULLETIN 144
The California Marine Fish Catch For 1967



By
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1968



FIGURE 1

(2)

FIGURE 1

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FOREWORD

Catch bulletins provide records of the amounts and values of various living marine resources taken by California's commercial fisheries, and summarize the catches made by the partyboat sportfishing industry. They also detail the small quantities of freshwater fish taken commercially in inland areas. These data provide the basic background for managing California's commercial fishery resources. The published figures are of national and international significance, and are used by fisheries scientists, legislators, educators, members of the fishing industry, and others interested in the State's fisheries.

This report for 1967 is the 27th in the series of catch bulletins. The first, published in 1929, contained the records of the 1926 and 1927 commercial fish catches.

California's fishery statistics are based on a system whereby fish dealers, processors, and partyboat operators send duplicate copies of their landing records to the Department. The statistical system and methods used to collect the records were fully described in Fish Bulletin 86, which reported the catch for 1950. In the intervening years, methods and equipment have been modified as conditions warranted, but the basic principles have remained unchanged.

Credit for this publication belongs to the personnel of the Biostatistics Unit who process the many documents necessary for its publication. Special acknowledgment is given to the wardens along the coast and the clerks in the field offices whose efforts insure the completeness of the records. We appreciate as well the cooperation of the many wholesale fish dealers and canners.

1. EXPLANATION OF TABLES

The tables in this bulletin summarize the statistics of the various fishery operations in California during 1967. Five types of activity are being reported this year: landings of commercial fishermen in California; imports of tuna from other states or foreign countries destined for processing in California; sport catches of the partyboat fleet; landings of inshore species used for bait; and catches of boats supplying live bait for sportfishing. In addition, Appendix A shows the species composition of the salmon catch for 1967.

The statistics presented in this publication do not encompass all of the fishing activities in the State since not all of these activities are reported. For example: sportfishing from private boats or from shore is not reported, nor is the importation of fish for use in a fresh state. Department biologists do sample some facets of the sportfishery, but since this is part of specific studies, most of the results are not reported here.

The Department annually publishes a circular which enumerates some of the fishery products produced from the catch. The 1967 figures are contained in circular No. 42, "Statistical Report of Fresh, Canned, Cured, and Manufactured Fishery Products for 1967" (Heimann and Frey, 1968).

1.1. SOURCE OF DATA

Data on each commercial landing and import are recorded on receipts by fish dealers or processors at the time of delivery. Copies of these documents are transmitted to the Department twice each month. For each transaction, the dealer is required to provide the weight of each species and the price paid to the fishermen. The date of the transaction, the fisherman's name, the fishing boat registration number, and intended use of the fish (canning, fresh, etc.) are also required. In addition, the specific area where the fish were caught and the type of gear used are usually reported.

Partyboat catch data are obtained from logs completed by the boat operator. The log for each trip includes the number of each species taken, the number of anglers, the number of hours fished, and the specific area fished. The date, boat name, and boat registration number are also furnished. Copies of these records are sent to the Department monthly.

Operators of boats supplying live bait keep a voluntary daily log showing the number of sets, the species caught, the area fished, and the number of scoops of bait sold. Copies of these logs are furnished the Department monthly. These records represent almost all the live bait landings; nevertheless, the reported catch should be regarded as minimal.

Clerical personnel at field offices at Eureka, San Francisco, Monterey, Terminal Island, and San Diego maintain contact with fish dealers and local Fish and Game Wardens to insure that the records are accurate.

and transmitted promptly. All data received by the Department are carefully edited to insure correctness and coded to facilitate processing. The data are then punched into cards and summarized with electric tabulating machines.

1.2. STATISTICAL AREAS

The State is divided, into seven areas for the purpose of reporting fisheries statistics (Figure 1). Each statistical area is named for a major port within its boundaries. Sacramento area landing statistics are incorporated with San Francisco totals in the tables.

1.3. SPECIES

The common and scientific names of the species reported in 1967 are listed in Table 1. Some varieties are reported only collectively when, for economic or other reasons, a specific separation is not practical. A further combination of species is made in preparing the tables.

The "Miscellaneous (Animal Food)" category consists of a variety of low value species caught by trawling. Since it is impractical for the dealers to report the many species separately, Department biologists periodically sample this catch to determine its species composition. Based on this sampling, the percentage and weight compositions of the 1967 animal-food category are as follows:

<i>Species</i>	<i>Percent</i>	<i>Pounds</i>
Sablefish	30.5	793,374
Hake	19.7	510,916
Arrowtooth flounder	15.1	392,533
Rockfish	13.2	343,466
English sole	8.4	217,295
Dover sole	4.2	108,258
Rex sole	2.2	56,076
Twenty four other species	6.7	174,200
	100.0	2,596,118

Salmon catches reported in the tables are for all species combined. However, biologists from the Department's Marine Resources Branch sample the commercial and sport salmon fisheries to determine the species composition of the catches and to obtain estimates of the unreported catch from skiffs. The sampling methods and results for 1952 through 1965 previously have been detailed (Jensen and Swartzell, 1967), and the results for 1966 were presented in Fish Bulletin 138. Appendix A details the salmon catch for 1967.

1.4. CONDITION

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

Since 1963, oyster landings have been reported as packed weight rather than weight in the shell. The packed weight is estimated to be 15.5 percent of the live weight for Pacific oysters; 10.9 percent for eastern oysters.

Landings reported in measurements other than weight are equated to pounds using conversion factors determined by periodic sampling. The factors used in 1967 were:

Abalone, red	50 pounds per dozen
Abalone, pink	25 pounds per dozen
Abalone, white	25 pounds per dozen
Abalone, green	35 pounds per dozen
Clam, Washington	7 pounds per dozen
Crab, market	2 pounds each
Live bait	12.5 pounds per scoop

1.5. VALUE

Value is computed from prices paid to the fishermen. The area value figures are ascertained by summing the value of all the individual landings in that area. The value for an individual port within an area is calculated from the weights of each species landed at that port and the average price paid for the species in that area. When the price paid for an individual landing is not specified, the average price paid for the species in the area is used.

1.6. INSHORE BAIT

The inshore bait fishery takes several kinds of fish and invertebrates from bays, rivers, and intertidal regions for sale as bait. Records of this fishery have been published as a separate summary in the Catch Bulletin since 1963. This year these landings are being reported for both 1966 and 1967, since the 1966 data were not available for publication last year. Conversion factors used for inshore bait for 1966 and 1967 were as follows:

Crab, sand	.041 pound per dozen
Crab, shore	4.5 pounds per gallon
Mud sucker	.013 pound per dozen
Mussel	.465 pound per dozen
Sculpin, staghorn	80 pounds per sack
Shrimp, ghost	.465 pound per dozen
	.082 pound per dozen

1.7. REFERENCES

Heimann, Richard F. G., and Herbert W. Frey. 1968. Statistical report of fresh, canned, cured and manufactured fishery products for 1967. Calif. Dept. Fish and Game, Circular, (42) :1-15.

Jensen, Paul T., and Phillip G. Swartzell. 1967. California salmon landings 1952 through 1965 Calif. Dept. Fish and Game, Fish Bull., (135) :43-57.

2. TABLES

TABLE 1
Common and Scientific Names of Fishes, Crustaceans, and Mollusks in the 1967 Catch

Common name	Scientific name	Common name	Scientific name
FISHES			
Anchovy.....	<i>Engraulis mordax</i>	Sea bass, giant.....	<i>Stereolepis gigas</i>
Baracuda, California.....	<i>Sphyraena argentea</i>	Seabass, white.....	<i>Cynoscion nobilis</i>
Bass, rock.....		Shad.....	<i>Alosa sapidissima</i>
Kelp bass.....	<i>Paralabrax clathratus</i>	Shark.....	
Sand bass.....	<i>Paralabrax nebulifer</i>	Blue.....	<i>Prionace glauca</i>
Blacksmith.....	<i>Chromis punctipinnis</i>	Bonito.....	<i>Isturus ocyrinchus</i>
Bonito, Pacific.....	<i>Sarda chilensis</i>	Leopard.....	<i>Triakis semi fasciata</i>
Cabezon.....	<i>Scorpaenichthys marmoratus</i>	Pacific angel.....	<i>Squatina californica</i>
Cabrilla, spotted.....	<i>Epinephelus analogus</i>	Soupfish.....	<i>Galeorhinus zyoperus</i>
Carp.....	<i>Cyprinus carpio</i>	Spiny dogfish.....	<i>Squalus acanthias</i>
Croaker.....		Thresher.....	<i>Alopias vulpinus</i>
White.....	<i>Genyonemus lineatus</i>	Small amounts of	
Queenfish.....	<i>Seriola politus</i>	others.....	
Dolphinfish.....	<i>Coryphaena hippurus</i>	Sheephead, California.....	<i>Pimelometopon pulchrum</i>
Eel.....		Skate.....	
California moray.....	<i>Gymnothorax mordax</i>	Bat ray.....	<i>Myliobatis californicus</i>
Wolf.....	<i>Anarrhichthys ocellatus</i>	Big skate.....	<i>Raja binoculata</i>
Flounder.....		California skate.....	<i>Raja inornata</i>
Arrowtooth.....	<i>Atheresthes stomaia</i>	Longnose skate.....	<i>Raja rhina</i>
Starry.....	<i>Platichthys stellatus</i>	Shovelnose guitarfish.....	<i>Rhinobatos productus</i>
Small amounts of		Small amounts of	
other flatfishes.....		others.....	
Flyingfish.....	<i>Cypselurus spp.</i>	Smelt.....	
Grouper.....	<i>Myxocephala spp.</i>	Eulachon.....	<i>Thaleichthys pacificus</i>
Hake, Pacific.....	<i>Merluccius productus</i>	Jacks.....	<i>Atherinops affinis</i>
Halibut.....	<i>Merluccius californiensis</i>	Nightsmelt.....	<i>Argentinas darwini</i>
California.....	<i>Paralichthys californicus</i>	Surf.....	<i>Hipposcarus prenus</i>
Pacific.....	<i>Hippoglossus stenolepis</i>	Smelt, whitebait.....	<i>Allomyrus elongatus</i>
Hardhead.....		Spirinchus starkei	
Sacramento blackfish.....	<i>Orthodon microlepidotus</i>	Young of several others.....	
Hardhead.....	<i>Mylopharodon conocephalus</i>	Sole.....	
Herring, Pacific.....	<i>Clupea pallasi</i>	Dover.....	<i>Microstomus pacificus</i>
Hitch.....	<i>Larixia exilicauda</i>	English.....	<i>Parophrys reticulatus</i>
Lingcod.....	<i>Ophiodon elongatus</i>	Petrile.....	<i>Eopsetta jordani</i>
Mackerel.....		Rex.....	<i>Glyptocephalus zachirus</i>
Bullet.....	<i>Auszia thazard</i>	Sand.....	<i>Psettichthys melanostictus</i>
Jack.....	<i>Trachurus symmetricus</i>	Small amounts of	
Paffe.....	<i>Scomber japonicus</i>	others.....	
Mulstecker, longjaw.....	<i>Gillichthys mirabilis</i>	Swordfish.....	<i>Xiphias gladius</i>
Opah.....	<i>Girellia nigricans</i>	Tuna.....	
Perch.....	Member of family Embiotocidae	Albacore.....	<i>Thunnus alalunga</i>
Pompano, Pacific.....	<i>Pepodus similisimus</i>	Bigeye.....	<i>Thunnus obesus</i>
Rockfish.....	All species of <i>Sebastodes</i> and	Bluefin.....	<i>Thunnus thynnus</i>
Sablefish.....	<i>Sebastolobus</i>	Skipjack.....	<i>Katsuwonus pelamis</i>
Salmon.....	<i>Anoplopoma fimbria</i>	Yellowfin.....	<i>Thunnus albacares</i>
King.....	<i>Oncorhynchus tshawytscha</i>	Turbo.....	<i>Thunnus thynnoides</i>
Pink.....	<i>Oncorhynchus gorbuscha</i>	Curfin.....	<i>Pleuronichthys decurrens</i>
Silver.....	<i>Oncorhynchus kisutch</i>	Diamond.....	<i>Hypsosbeta guttulata</i>
Sanddab.....	<i>Citharichthys sordidus</i>	Hornyhead.....	<i>Pleuronichthys verticalis</i>
Sardine.....	<i>Sardinops caerulea</i>	Small amounts of	
Sargo.....	<i>Alosa sardinella</i>	others.....	
Solepin.....	<i>Solepinus galatula</i>	Wahoo.....	<i>Acanthocybium solanderi</i>
Solepin, Pacific Staghorn.....	<i>Leptocottus armatus</i>	Whitefish, ocean.....	<i>Caudatulus princeps</i>
		Yellowtail, California.....	<i>Seriola dorsalis</i>
CRUSTACEANS			
Crab.....		Prawn.....	
Market.....	<i>Cancer magister</i>	Spot.....	<i>Pandalus platyceros</i>
Rock.....	<i>Cancer productus</i>	Ridgeback.....	<i>Eusicyonia ingentis</i>
	<i>Cancer antennarius</i>	Shrimp.....	
	<i>Cancer anthonyi</i>	Bay.....	<i>Crago franciscorum</i>
Sand.....	<i>Emirita analoga</i>		<i>Crago nigriviridis</i>
Shore.....	<i>Hemigrapsus oregonensis</i>	Ghost.....	<i>Calanassa californicus</i>
Lobster, spiny.....	<i>Pachygrapsus crassipes</i>	Ocean.....	<i>Pandalus jordani</i>
	<i>Panulirus interruptus</i>	Red.....	<i>Hippolytess californica</i>
MOLLUSKS			
Avalone.....		Mussel.....	
Black.....	<i>Halidiotus cracherodii</i>	Bay.....	<i>Mytilus edulis</i>
Green.....	<i>Halidiotus fulgens</i>	Rock.....	<i>Mytilus californianus</i>
Pink.....	<i>Halidiotus corrugata</i>	Octopus.....	<i>Octopus spp.</i>
Red.....	<i>Halidiotus rufescens</i>	Oyster.....	
White.....	<i>Halidiotus sorenseni</i>	Eastern.....	<i>Crassostrea virginica</i>
Clam.....		Giant Pacific.....	<i>Crassostrea gigas</i>
Freshwater.....	<i>Corbicula fluminea</i>	Squid.....	<i>Loligo opalescens</i>
Gaper.....	<i>Tresus nuttalli</i>		
Jackknife.....	<i>Tagelus californianus</i>		
Purple.....	<i>Sanguinolaria nuttalli</i>		
Washington.....	<i>Saxidomus nuttalli</i>		

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TABLE 1
Common and Scientific Names of Fishes, Crustaceans, and Mollusks in the 1967 Catch

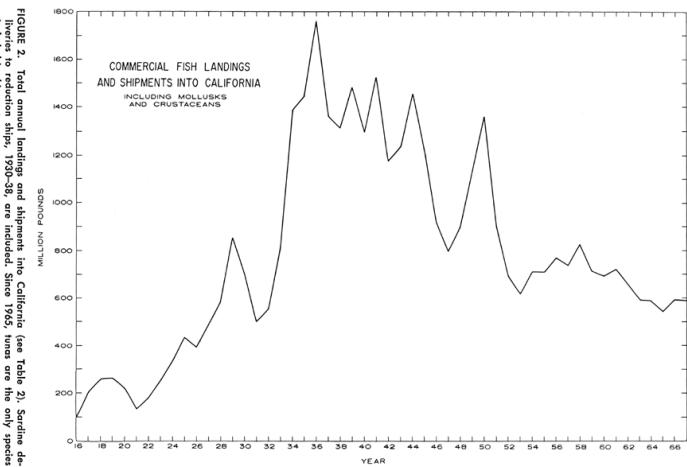


FIGURE 2. Total annual landings and shipments into California (see Table 2). Sardine deliveries to reduction ships, 1930–38, are included. Since 1965, tunas are the only species included in shipments.

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

Year	Thousands of pounds	Year	Thousands of pounds
1916	95,003	1941	1,529,148
1917	209,877	1942	1,173,414
1918	261,134	1943	1,234,049
1919	266,270	1944	1,459,446
1920	222,004	1945	1,216,467
1921	135,348	1946	919,850
1922	182,343	1947	795,499
1923	253,875	1948	900,540
1924	340,446	1949	1,135,325
1925	437,502	1950	1,366,596
1926	394,964	1951	904,088
1927	487,166	1952	694,977
1928	583,527	1953	618,899
1929	856,854	1954	713,406
1930	702,189	1955	710,714
1931	502,390	1956	772,549
1932	556,139	1957	738,550
1933	821,805	1958	832,919
1934	1,390,799	1959	713,491
1935	1,448,017	1960	694,663
1936	1,764,900	1961	725,253
1937	1,362,984	1962	663,107
1938	1,310,596	1963	592,899
1939	1,486,535	1964	591,131
1940	1,297,517	1965*	544,480
		1966	591,533
		1967	589,028

* Beginning in 1965 only tuna shipments are recorded.

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 *

1966				1967			
Species	Rank	Thousands of pounds	Thousands of dollars	Species	Rank	Thousands of pounds	Thousands of dollars
Yellow tuna	1	189,845	\$38,115	Yellowfin tuna	1	167,252	\$25,387
Albacore tuna	2	73,909	17,306	Skipjack tuna	2	114,959	11,767
Skipjack tuna	3	65,226	9,285	Albacore tuna	3	71,748	17,193
Anchovy	4	62,280	644	Anchovy	4	69,609	701
Jack mackerel	5	40,862	1,424	Jack mackerel	5	38,181	1,447
Bluefin tuna	6	37,939	5,804	Pacific bonito	6	21,219	891
Pacific bonito	7	19,148	761	Squid	7	19,602	438
Squid	8	19,026	451	Bluefin tuna	8	13,736	1,667
Market crab	9	12,376	1,880	Market crab	9	11,716	2,033
Dover sole	10	10,312	687	Rockfish	10	9,799	680
Rockfish	11	10,064	660	Salmon	11	7,402	3,945
Salmon	12	9,447	4,845	Dover sole	12	7,215	466
Abalone	13	4,964	915	English sole	13	5,822	510
English sole	14	4,845	421	Abalone	14	4,422	860
Pacific mackerel	15	4,630	189	Sablefish	15	3,798	315
Sablefish	16	3,216	231	Petrale sole	16	2,769	355
Petrale sole	17	2,927	391	Miscellaneous (animal food)	17	2,596	52
Bigeye tuna	18	2,878	557	Rex sole	18	1,766	149
Miscellaneous (animal food)	19	2,380	44	Bigeye tuna	19	1,481	207
Rex sole	20	1,635	132	Ocean shrimp	20	1,413	164
All others		13,624	2,557	All others		12,523	2,221
Totals		591,533	\$87,299	Totals		589,028	\$71,448

* Only the tunas are included in the shipments.

TABLE 3
Landings and Shipments of Leading Species Ranked by Pounds

TABLE 4
Number of Licensed Commercial Fishermen

Area of residence	License year*	
	1966-67	1967-68
Eureka.....	1,695	2,016
Sacramento.....	437	454
San Francisco.....	1,417	1,648
Monterey.....	686	757
Santa Barbara.....	944	947
Los Angeles.....	2,020	1,912
San Diego.....	1,611	1,600
Alaska, Washington and Oregon fishermen licensed in California.....	478	450
Mexican nationals licensed in California.....	43	12
Other.....	26	27
Totals.....	9,357	9,823

* April 1 to March 31.

TABLE 4
Number of Licensed Commercial Fishermen

TABLE 5
Number of Registered Fishing Boats by Length

License year*	Up to 24 feet	25 to 39 feet	40 to 64 feet	65 to 84 feet	85 to 99 feet	100 feet and over	Total
1966-67.....	1,357	1,681	1,077	125	29	99	4,368†
1967-68.....	1,550	1,773	1,081	118	25	99	4,646‡

* April 1 to March 31.

† The owners of 470 boats were issued fishing party licenses in 1966-67.

‡ The owners of 485 boats were issued fishing party licenses in 1967-68.

TABLE 5
Number of Registered Fishing Boats by Length

TABLE 6
Origin of Shipments Received for Processing in California During 1967 *

Shipped from:	Species	Pounds shipped to each area		Total pounds
		Los Angeles	San Diego	
Oregon, Washington, Canada and Alaska:				
Tuna, albacore.....	11,056,956	-----	-----	11,056,956
Tuna, bigeye.....	334	-----	-----	334
South America:				
Tuna, skipjack.....	3,064,284	-----	-----	3,064,284
Tuna, yellowfin.....	2,108,237	-----	-----	2,108,237
Japan:				
Tuna, albacore.....	23,736,238	4,221,674	-----	27,957,912
Tuna, bigeye.....	225,515	-----	-----	225,515
Tuna, skipjack.....	180,809	-----	-----	180,809
Tuna, yellowfin.....	16,388,352	2,155,708	-----	18,544,090
China (Formosa):				
Tuna, albacore.....	75,950	-----	-----	75,950
Tuna, bigeye.....	3,805	-----	-----	3,805
Tuna, yellowfin.....	683,765	150,509	-----	834,274
Malaya:				
Tuna, albacore.....	8,594,116	735,986	-----	9,330,102
Tuna, bigeye.....	106,036	-----	-----	106,036
Tuna, yellowfin.....	3,549,031	113,095	-----	3,662,126
Philippines:				
Tuna, yellowfin.....	711,046	-----	-----	711,046
South Pacific Islands:				
Tuna, albacore.....	3,733,774	1,735,068	-----	5,468,842
Tuna, bigeye.....	11,046	-----	-----	11,046
Tuna, skipjack.....	757,406	-----	-----	757,406
Tuna, yellowfin.....	583,467	452,242	-----	1,035,709
Total pounds.....	75,570,197	9,564,282	-----	85,134,479

* Beginning in 1965 only tuna shipments are recorded.

TABLE 6
Origin of Shipments Received for Processing in California During 1967

TABLE 7
Origin of Commercial Fish Landings and Volume of Shipments Into California During 1967

Species	Landings of catches from				Tuna shipments*	Grand total
	California waters	Waters north of State	Waters south of State	Total pounds		
Fish:						
Anchovy.....	69,609,377	---	31,960	69,609,377	---	69,609,377
Barracuda, California.....	281,224	---	313,184	---	---	313,184
Blacksmith.....	7,620	---	7,620	---	---	7,620
Bonito, Pacific.....	17,841,537	---	3,377,894	21,219,431	---	21,219,431
Cabezon.....	14,284	---	---	14,284	---	14,284
Carp.....	348,531	---	---	348,531	---	348,531
Crusher, white.....	496,378	---	39	496,417	---	496,417
Flounder.....	860,634	10,073	---	870,707	---	870,707
Flounder, arrowtooth.....	6,041	---	---	6,041	---	6,041
Flyingfish.....	45,194	---	1,450	46,644	---	46,644
Grouper.....	---	---	190,199	190,199	---	190,199
Hake, Pacific.....	14,430	---	---	14,430	---	14,430
Halfmoon.....	25,431	---	---	25,431	---	25,431
Halibut, California.....	821,919	---	13,139	838,058	---	838,058
Halibut, Pacific.....	498	---	---	498	---	498
Hardhead.....	218,604	---	---	218,604	---	218,604
Herring, Pacific.....	271,902	---	---	271,902	---	271,902
Hitch.....	13,317	---	---	13,317	---	13,317
Lingcod.....	921,968	16,687	---	938,655	---	938,655
Mackerel, bullet.....	13,400	---	---	13,400	---	13,400
Mackerel, jack.....	38,180,547	---	---	38,180,547	---	38,180,547
Mackerel, Pacific.....	1,166,607	---	---	1,166,607	---	1,166,607
Opahye.....	17,298	---	---	17,298	---	17,298
Perch.....	201,728	---	785	202,513	---	202,513
Pompano, Pacific.....	111,593	---	---	111,593	---	111,593
Rockfish.....	9,589,787	57,665	151,499	9,798,951	---	9,798,951
Sablefish.....	3,763,459	29,534	---	3,798,493	---	3,798,493
Salmon.....	7,401,591	138	---	7,401,729	---	7,401,729
Sanddab.....	685,402	1,620	146	687,168	---	687,168
Sardine.....	148,766	---	---	148,766	---	148,766
Sculpin.....	56,045	---	26,611	82,656	---	82,656
Sea bass, giant.....	11,893	---	218,711	230,604	---	230,604
Seabass, white.....	507,788	---	715,171	1,222,759	---	1,222,759
Shark.....	588,249	---	10,649	596,898	---	596,898
Sheepshead, California.....	18,605	---	1,023	19,628	---	19,628
Skate.....	196,751	---	---	196,751	---	196,751
Smelt.....	591,975	---	---	591,975	---	591,975
Smelt, whitebait.....	199,694	---	---	199,694	---	199,694
Sole, Dover.....	6,814,501	400,536	---	7,215,037	---	7,215,037
Sole, English.....	5,757,762	64,147	---	5,821,909	---	5,821,909
Sole, petrale.....	2,733,760	34,777	---	2,768,537	---	2,768,537
Sole, rex.....	1,750,549	15,489	---	1,766,038	---	1,766,038
Sole, sand.....	305,405	492	---	305,897	---	305,897
Sole, miscellaneous.....	31,712	---	---	31,712	---	31,712
Swordfish.....	303,467	---	1,630	305,067	---	305,067
Tuna, albacore.....	15,184,473	2,387,979	285,471	17,857,923	53,889,762	71,747,685
Tuna, bigeye.....	4,229	---	1,130,196	1,134,425	346,736	1,481,161
Tuna, bluefin.....	1,791,634	47,532	11,896,429	13,735,595	---	13,735,595
Tuna, skipjack.....	116,902	---	110,839,399	110,956,301	4,002,499	114,958,800
Tuna, yellowfin.....	---	---	140,356,053	140,356,053	26,895,482	167,251,535
Turbot.....	72,747	---	106	72,853	---	72,853
Wahoo.....	---	---	982	982	---	982
Whitefish, ocean.....	170	---	889	1,059	---	1,059
Yellowtail, California.....	13,179	---	137,489	150,665	---	150,668
Miscellaneous.....	1,776	---	447	2,223	---	2,223
Miscellaneous (animal food).....	2,526,296	69,822	---	2,596,118	---	2,596,118

TABLE 7
Origin of Commercial Fish Landings and Volume of Shipments Into California During 1967

TABLE 7—Continued
Origin of Commercial Fish Landings and Volume of Shipments Into California During 1967

Species	Landings of catches from				Tuna shipments*	Grand total
	California waters	Waters north of State	Waters south of State	Total pounds		
Crustacean:						
Crab, market.....	11,716,488	----	----	11,716,488	----	11,716,488
Crab, rock.....	324,386	----	324,386	----	----	324,386
Lobster, spiny.....	449,874	----	10	449,884	----	449,884
Prawn, spot.....	2,590	----	----	2,590	----	2,590
Prawn, ridgeback.....	423	----	----	423	----	423
Shrimp, bay.....	19,771	----	----	19,771	----	19,771
Shrimp, ocean.....	1,408,453	4,090	----	1,412,513	----	1,412,513
Total pounds.....	231,364,284	3,140,551	269,388,347	503,893,182	85,134,479	589,027,661

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

TABLE 7
Origin of Commercial Fish Landings and Volume of Shipments Into California During 1967

TABLE 8
Monthly Landings and Shipments Into California During 1967

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
LANDINGS:													
Anchova	22,780,40	14,005,110	12,013,111	6,314,805	325,195	298,670	283,170	792,295	729,159	5,606,709	2,501,350	3,658,160	69,609,377
Barracuda, California	3,104	575	1,011	9,262	113,279	12,084	25,351	10,325	4,805	12,627	9,063	3,097	313,181
Bonito, Pacific	1,060,722	832,017	375,332	868	9,816	41,501	1,677,716	11,592,308	4,233,012	521,014	140,779	212,176	21,210,431
Cabezon	615	810	517	781	121	273	347	692	392	648	3,386	5,317	14,281
Carp	55,173	67,225	73,500	12,958	10,273	6,100	1,700	2,100	2,000	7,550	25,600	85,250	348,531
Croaker, white	72,700	76,362	39,150	12,989	20,000	29,371	131,171	26,321	30,000	90,000	102,323	49,417	499,147
Diamond, black	78,776	156,869	70,540	42,429	21,240	9,056	31,688	71,483	123,233	158,829	53,311	60,988	870,707
Flounder, arrowtooth	198	2,455	550	430	185	233	156	1,236	1,236	83	620	601	4,611
Flyingfish	—	—	—	—	6,133	19,133	14,333	16,319	1,146	—	—	—	46,644
Grouper	36,580	11,332	18,795	—	300	2,012	455	1,900	22,080	34,445	55,001	190,190	34,445
Grouper, Pacific	—	—	—	40	725	11,795	1,110	455	700	—	—	—	14,430
Hallimond	183	158	1,095	—	1,377	272	6,688	6,817	3,100	2,756	2,332	1,451	25,431
Hake, California	70,215	133,340	98,045	61,708	55,030	68,850	89,621	78,000	27,508	40,770	41,500	60,100	826,958
Hakelet, Pacific	—	—	—	—	20	—	10	374	—	—	—	—	408
Hardhead	55,242	46,816	52,445	3,433	68	—	—	—	—	12,750	14,720	33,130	218,904
Herring, Pacific	7,055	9,075	3,050	187	112,725	45,570	17,460	75,850	800	130	2,000	—	271,902
Hitz	11,000	1,150	—	—	70,800	130,697	147,164	145,268	93,744	89,747	66,007	36,154	138,655
Herring, bullet	31,810	64,520	22,233	40,502	—	—	—	—	—	—	—	—	13,400
Mackerel, jack	970,883	3,896,887	4,261,211	4,508,728	5,112,720	8,270,349	2,131,553	3,426,352	695,051	884,073	1,088,450	2,934,285	38,180,547
Mackerel, Pacific	56,195	125,481	33,500	5,170	28,137	50,500	17,137	17,137	8,000	10,000	24,000	291,121	1,170,444
Mullet	73	24	209	—	1,517	1,692	1,302	603	1,749	562	275	17,298	—
Perch	10,857	13,586	25,629	51,117	1,858	5,320	16,468	23,661	12,218	13,121	18,012	10,637	202,513
Pompano, Pacific	682	1,741	1,369	17	15,700	15,400	9,000	9,000	10,000	10,000	11,500	11,500	111,503
Rockfish	860	1,110,665	680	82,307	52,102	1,313,927	698,340	993,288	680,902	700,150	710,015	857,692	9,708,931
Sablefish	392,613	472,488	246,387	292,463	210,229	248,856	162,415	233,668	282,677	621,014	521,981	197,378	3,708,493
Salmon	50,757	58,935	35,755	21,810	143,362	1,814,749	2,866,661	901,342	144,089	17	40,711	7,401,729	—
Sandab	37,300	32,200	41,434	29,434	56,892	81,111	100,000	53,853	30,280	45,421	51,456	56,613	566,898
Sardine	34,190	17,665	9,490	11,815	37,040	13,000	1,414	880	2,240	10,909	701	148,796	—
Sealipin	9,401	12,745	2,891	1,816	3,264	26,804	11,943	10,699	160	766	3,589	1,480	82,656
Sea bass, giant	21,428	23,980	9,447	4,996	27,313	8,576	35,331	18,305	16,790	22,392	27,034	14,432	230,604
Seabass, white	100,440	125,262	41,446	11,335	73,768	61,219	10,000	10,000	10,000	10,000	10,000	10,000	1,000,747
Seabream	37,368	21,200	24,434	29,434	56,892	81,111	100,000	53,853	30,280	45,421	51,456	56,613	566,898
Sheepshead, California	689	553	640	2,669	1,785	1,688	1,128	2,883	266	4,309	2,891	115	10,628
Skate	20,038	22,057	14,068	21,656	13,312	17,545	19,205	18,803	8,808	10,350	11,774	15,175	196,731
Smelt	32,571	5,803	30,885	54,225	30,171	55,355	97,466	103,835	765,110	25,881	65,290	15,397	50,175
Spiny whelk	12,171	8,200	17,500	25,280	1,200	1,117	1,117	1,117	1,117	—	—	—	199,694
Sole, Dover	224,477	309,705	361,685	279,110	630,058	1,003,780	1,067,277	1,366,529	770,253	708,753	388,676	55,039	7,215,037
Sole, English	559,665	1,016,078	289,467	320,543	398,121	391,286	316,789	467,145	626,087	770,307	397,941	267,358	5,821,909

Sole, petrale.....	310,971	286,842	150,821	186,677	220,601	286,672	232,280	257,428	262,818	266,467	124,556	166,541	2,785,567				
Sole, sand.....	105,278	205,689	92,338	91,431	140,162	146,401	111,045	175,003	208,288	239,180	142,551	174,762	1,709,088				
Sole, sand.....	44,429	62,771	30,472	21,230	9,342	7,200	28,235	22,751	18,832	22,691	25,026	20,015	305,897				
Swordfish.....	2,194	6,982	2,669	1,978	1,988	2,553	3,291	1,739	1,735	2,235	282	1,133	31,712				
Tuna, albacore.....							933	26,846	81,211	18,591	43,367	291	306,507				
Tuna, bigeye.....	5,998	1,000	3,864	3,430	364	1,49,276	1,025,128	10,106,581	3,783,770	794,674	18,181	17,881,923					
Tuna, skipjack.....	3,897,141	2,651,196	5,330,161	4,177,122	2,254,493	775	1,156,122	8,641,221	2,071,720	1,362,085	324,711	5,532					
Tuna, yellowfin.....	1,121,437	9,640,586	19,915,232	31,195,909	29,369,002	14,134,414	8,87,078	2,032,720	1,466,097	1,942,075	625,133	140,350,933					
Turbot.....	3,610	4,200	10,020	5,965	5,360	3,487	7,125	8,810	5,290	7,083	5,930	5,697	72,833				
Whiting, ocean.....	105	---	---	---	---	99	345	212	5,532	10	14,360	1,131,425					
Yellowtail, California.....	20,443	18,187	8,701	12,413	809	2,856	4,570	3,388	2,429	9,376	22,725	45,603	150,668				
Miscellaneous (animal food).....	206,259	129,529	98,884	105,979	231,512	401,194	385,860	368,208	255,155	224,111	170,735	21,083	3,223,223				
Crustacean:																	
Crab, market.....	2,317,209	2,562,126	1,512,744	705,362	555,120	46,331	1,352	4,080	4,337	3,154	566,005	3,121,815	11,710,488				
Lobster, spiny.....	34,205	32,011	16,044	15,738	17,043	29,873	26,470	19,971	26,152	17,421	25,707	54,933	25,142	321,386			
Prawn, spot.....	325	1,212	60	---	---	---	---	---	---	---	120,711	111,303	60,338	446,900			
Shrimp, bay.....	---	---	423	---	---	---	---	8,153	5,150	1,073	2,925	1,158	350	423			
Shrimp, ocean.....	---	---	---	---	888	451,435	914,800	65,390	---	---	---	---	176,390	1,412,513			
Mollusk:																	
Clam, undressed.....	377,941	198,117	395,689	537,158	477,496	407,390	442,126	414,701	458,408	397,677	306,958	4,121,581					
Octopus.....	232	544	585	512	98	631	575	575	575	485	280	750	841	0,194			
Oyster, eastern.....	738	1,590	633	847	776	267	572	575	575	575	575	1,281	12,710				
Oyster, giant Pacific.....	360	116	145	196	95	523	597	597	597	597	597	597	103,270	731,981			
Squid.....	27,885	71,861	91,314	102,363	72,084	22,049	14,407	25,616	19,391	81,081	96,354	19,011	19,011,922				
Total pounds.....	662,675	2,568,406	1,913,765	515,410	3,012,870	5,535,014	2,097,192	706,066	475,280	99,090	611,155	1,375,000					
SHIPPMENTS: ^a																	
Tuna, albacore.....	4,398,782	2,051,116	4,319,138	1,545,472	1,103,771	3,311,750	2,538,789	11,333,565	10,014,000	5,849,402	4,316,868	1,945,143	5,880,762				
Tuna, bigeye.....	35,370	59,900	40,140	47,455	39,281	35,100	125,473	11,380	10,014,000	5,849,402	4,316,868	1,945,143	5,880,762				
Tuna, yellowfin.....	37,355	110,800	96,500	117,220	117,220	743,169	93,188	1,029,077	1,359,150	1,302,079	616,948	1,650,582	4,809,947	28,895,482			
Total pounds.....	10,655,165	1,877,154	2,178,265	825,586	8,650,000	2,084,118	99,329	11,333,758	11,333,758	11,333,758	6,466,356	5,907,600	6,752,099	88,133,179			
Grand total.....	48,695,477	44,952,044	56,586,797	42,007,824	59,962,509	71,550,339	55,845,327	58,876,978	53,430,614	40,851,387	31,124,527	25,733,933	58,027,681				

* For origin of shipments refer to Table 6. Beginning in 1958 only tuna shipments are recorded.

MARKET FISH CATCH
1957

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TABLE 8—Cont'd.

TABLE 9
Monthly Landings of Commercial Fishing Boats in the Eureka Area During 1967

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds	FISH BULLETIN	
LANDINGS FROM:														144	
California waters:															
Fish:															
Abalone, Pacific.....	622	622		
Cabazon.....	1,116	26,627	539	5,248	4,171	3,532	9,388	9,145	90,550	113,121	23,992	27,387	315,123		
Flounder.....	100	1,600	366	430	185	109	1,013	85	620	4,556		
Gurnard, striped.....	799	799		
Hake, Pacific.....		
Halibut, Pacific.....	8,291	36,719	5,554	26,185	29	101	374	498		
Lingcod.....	52,747	87,093	86,984	99,713	58,618	49,101	42,490	13,031	576,519		
Percat.....	1,963	5,020	5,248	18,101	26	8,372	16,731	5,438	3,364	5,564	1,000	550	
Rockfish.....	60,268	363,325	142,796	89,274	141,610	256,147	246,907	216,357	250,215	260,877	209,114	96,614	2,369,545		
Sablefish.....	196,860	302,268	160,635	108,175	89,745	140,137	83,642	69,190	177,842	462,622	371,246	108,081	2,271,043		
Sanddab.....	12,523	30,211	931,579	2,077,394	826,625	72,470	5,287,402		
Sandlance.....	2,719	12,824	3,126	5,410	13,221	2,010	91,221	2,010	41,746	1,211	31,509	10,531	6,555		
Shark.....	188	325	2,268	1,381	205	4,347		
Smelt.....	4,756	3,180	7,930		
Smelt, whitetail.....	45	171	257	36,299	7,110	29,883	50,009	76,619	57,264	1,060	267,610		
Sole, Dover.....	186,314	176,774	231,096	107,945	369,298	795,570	927,18	1,101,207	531,611	638,058	281,204	54,599	5,092,181		
Sole, green.....	110,203	151,320	150,800	112,158	171,401	119,518	233,212	39,171	506,213	185,786	94,279	3,009,745			
Sole, petrale.....	216,209	165,375	43,985	76,012	111,767	100,987	97,224	102,419	294,033	93,417	104,149		
Sole, rex.....	93,336	108,840	44,621	51,759	101,580	116,869	87,123	121,788	101,420	190,238	10,4271	43,966	1,163,323		
Sole, sand.....	142	160	120	120	87,135	1,536	700	190,132	66	3,131		
Tuna, yellowfin.....	31	17	55		
Tuna, albacore.....	13,269	312,883	4,506,343	11,366	156	4,852,007		
Turbot.....	180	390	2,995	170	100	40	3,875		
Miscellaneous (animal food)....	25,001	22,756	13,366	19,069	174,743	303,106	226,299	210,781	173,465	196,193	152,704	17,490	1,541,970		

TABLE 9
Monthly Landings of Commercial Fishing Boats in the Eureka Area During 1967

Crustacean:													
Crab, market.....	2,280,673	2,322,531	1,502,833	699,692	549,427	45,680	1,352	3,171,661	10,772,688	
Crab, rock.....	429,135	914,800	63,630	100	
Shrimp, ocean.....	20	1,407,565	
Mollusk:													
Tam, unclassified.....	52	507	364	512	98	77	72	388	335	485	169	62	
Oyster, common.....	20	220	161	
Oyster, giant Pacific.....	47,607	68,020	79,439	51,143	4,143	58,896	76,023	454,641	
Total pounds.....	3,221,240	4,492,877	2,322,782	1,863,653	2,988,655	3,523,157	5,033,287	3,625,840	6,607,344	2,740,470	1,512,009	3,767,822	
Waters north of State:													
Fish:													
Lingcod.....	604	1,388	4,503	9,140	292	10,073	
Rockfish.....	180	1,146	6,463	6,741	22,568	8,717	18,687	
Salmon.....	11,769	124	1,312	2,779	6,223	2,602	57,065	
Salmon, pink.....	138	29,531	
Sanddab.....	138	
Sole, Dover.....	49,871	56	950	614	1,630	
Sole, green.....	11,100	43,220	58,186	132,092	73,698	32,363	400,636	
Sole, petrale.....	1,410	80	553	1,273	39,461	3,352	64,417	
Sole, petrale.....	1,732	1,039	1,710	2,121	3,590	34,260	
Sole, rex.....	1,640	1,106	633	4,375	5,501	2,234	
Sole, rex.....	15,480	
Miscellaneous (animal food).....	3,623	1,640	26,536	26,282	2,153	5,588	
Crustacean:													
Shrimp, ocean.....	2,300	1,760	4,009	
Total pounds.....	88,360	27,345	55,159	117,787	274,845	99,907	46,637	
Grand total.....	3,224,240	4,492,877	2,406,142	1,863,653	2,988,655	3,550,502	5,090,446	3,741,627	6,872,189	2,840,377	1,588,646	3,767,822	42,427,176

MARINE FISH CATCH FOR 1967

TABLE 9—Cont'd.

TABLE 10
Monthly Landings of Commercial Fishing Boats in the San Francisco Area During 1967 *

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
LANDINGS FROM: California waters:													
Fish:													
Bailey,	—	—	—	—	15,035	990	4,000	4,000	4,880	1,004	5,220	—	35,099
Bonito, Pacific	—	—	—	—	—	—	—	—	—	546	—	546	546
Carp,	55,173	67,225	73,560	12,038	10,275	5,800	1,750	2,100	2,000	7,550	25,600	85,250	318,231
Croaker, white	513	440	1,054	722	983	1,090	570	3,908	3,819	4,362	2,229	260	19,780
Flounder	68,719	110,463	58,361	23,032	12,802	3,705	16,206	47,670	23,384	40,697	21,434	10,365	404,328
Glass, arrowtooth	—	—	—	—	—	—	—	—	—	—	—	—	—
Hake, Pacific	—	—	—	—	—	—	—	—	—	—	—	—	200
Halibut, California	42,520	49,826	18,131	17,402	5,612	4,063	26,112	18,127	9,216	26,472	21,355	25,615	261,509
Herring,	55,520	48,464	52,091	54,153	68	—	—	—	—	—	12,750	34,130	218,691
Herring, Pacific	7,055	9,075	3,059	187	—	—	—	—	—	—	—	—	20,967
Hitch,	11,093	1,674	389	—	—	—	—	—	—	—	—	—	13,317
Lingcod,	12,550	17,272	9,395	10,183	12,039	21,473	39,018	23,321	17,981	16,947	13,865	14,063	210,785
Mackerel, jack	—	—	—	—	—	—	—	—	—	—	—	—	10
Perch,	715	1,261	5,657	6,240	18	—	—	140	1,239	1,791	1,844	3,175	1,962
Pompano, Pacific	—	—	—	—	—	—	—	—	—	—	—	—	54
Rockfish	95,606	230,591	65,413	79,438	54,018	41,999	48,111	36,238	43,906	74,457	45,585	42,310	857,448
Sablefish	38,820	69,241	32,719	35	12,200	12,200	12,200	12,200	12,200	12,200	12,200	12,200	27,829
Sanddab	11,953	19,016	16,290	29,365	23,515	35,233	23,751	26,440	16,108	27,412	18,267	7,305	251,614
Sealions, white	90	—	—	—	66	—	—	—	—	—	—	—	570
Shad,	5,167	5,277	5,415	3,252	1,600	3,023	7,707	3,911	2,738	1,429	18,809	13,500	84,553
Smelt	9,200	9,299	5,900	12,200	12,200	4,500	5,200	5,400	5,400	7,000	8,000	82,500	—
Smelt,	8,725	2,020	8,189	11,041	13,039	12,093	5,415	5,415	2,315	2,899	1,066	242	371
Sole, whitebait	1,200	—	1,747	—	—	—	—	—	—	—	—	—	12,452
Sole, Dover	36,988	128,971	805	130,010	152,050	225,070	68,723	131,880	91,095	85,811	67,643	1,302,145	—
Sole, fish	311,197	231,951	110,705	113,013	85,815	135,849	116,631	137,573	125,891	184,534	172,328	137,113	1,871,503
Sole, petrale	91,610	94,887	71,075	69,415	49,980	73,205	79,331	92,483	52,910	35,081	14,775	35,210	756,694
Sole, sand	36,250	25,421	33,000	30,891	49,980	49,980	20,621	20,621	20,621	25,891	29,391	25,891	157
Sole, sand	23,360	23,421	19,700	15,985	4,925	4,990	27,310	19,693	17,525	22,230	22,610	13,325	214,989
Sole, miscellaneous	—	—	—	—	—	—	—	—	—	—	—	—	35
Tuna, albacore	—	—	—	—	—	—	—	—	—	—	—	—	1,316,020
Turbot	3,610	4,209	9,360	5,575	—	3,600	2,585	7,425	5,815	4,125	6,537	5,883	1,025
Miscellaneous	—	—	—	—	—	10	—	—	—	—	—	—	10

TABLE 10
Monthly Landings of Commercial Fishing Boats in the San Francisco Area During 1967

Cephalopoda																
Uab, market	35,739	67,946	7,414	4,982	3,741	563	8,475	5,150	1,073	2,025	569,025	240,946	966,354			
Shrim, bay	—	—	—	—	888	—	—	—	—	—	—	380	19,771			
Shrimp, ocean	—	—	—	—	175	962	654	837	3,394	4,962	7,500	—	888			
Avalone	—	—	—	—	—	—	—	—	—	—	—	1,650	23,434			
Grand total	985,967	1,264,663	706,334	839,658	682,008	1,381,233	996,485	803,988	1,941,459	788,722	1,138,784	722,917	12,452,218			

* Includes Sacramento area landings.

MARINE FISH CATCH FOR 1967

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TABLE 10—Cont'd.

TABLE 11
Monthly Landings of Commercial Fishing Boats in the Monterey Area During 1967

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
LANDINGS FROM:													
California waters:													
Fish:													
Bonito.....	3,115,080	505,760	987,500	968,150	6,800	1,800	3,250	460,800	531,500	1,680,000	1,918,500	3,574,500	16,753,584
Bonito, Pacific.....	82	165	—	151	—	—	279	282	2301	2,401	195	550	5,147
Cabron.....	—	—	—	—	—	—	279	282	241	270	2,758	3,185	7,413
Cod, Alaska.....	16,421	12,100	6,102	2,000	10,525	12,893	11,700	12,115	20,125	18,100	17,850	16,800	80,296
Flounder.....	6,027	11,280	4,034	10,264	4,807	1,543	5,924	13,563	4,109	2,569	4,000	8,925	77,073
Hake, Pacific.....	—	—	—	—	—	—	—	—	—	—	—	—	3,230
Halibut, California.....	1,387	7,413	5,630	7,380	—	525	1,625	1,100	5,222	2,684	6,183	10,524	100,622
Herring, Pacific.....	—	—	—	—	—	—	17,218	43,201	37,460	75,800	12,000	100	29,635
Mackerel.....	7,018	5,631	5,139	1,436	15,941	11,716	7,633	3,402	7,088	6,661	5,935	10,000	50,296
Mackerel, jack.....	—	—	3,160	525	765	21,460	167,619	58,348	178,315	351,625	35,170	934,732	1,144
Perch.....	50	776	6,314	17,967	—	2,185	2,039	404	121	523	246	30,625	31,764
Pompano, Pacific.....	69	173	21	10,405	16,500	2,923	6,125	19,871	8,358	47	338	100	14,135
Sardine.....	147,847	178,270	156,200	258,020	248,935	381,075	213,000	298,000	208,000	198,044	167,725	120,327	1,201,008
Sablefish.....	66,933	103,696	41,188	125,133	92,493	65,670	51,386	97,470	65,845	109,868	120,327	81,192	1,021,201
Salmon.....	—	—	—	12,326	65,390	105,013	36,601	16,574	6,178	—	—	—	242,882
Sanddab.....	21,940	26,425	16,340	16,265	13,729	26,512	25,471	29,716	19,351	16,929	11,595	5,372	227,545
Seal.....	32	37	37	127	10	28	523	1,013	11,544	53,055	275	830	67,561
Sealblow, white.....	6,812	10,720	1,450	1,759	4,150	8,382	4,291	7,700	12,750	12,750	13,517	13,517	103,413
Shark.....	10,885	13,037	7,655	11,980	8,690	8,295	10,723	13,280	5,468	3,383	3,433	8,955	14,144
Smelt.....	13,485	1,779	4,014	3,523	4,907	1,805	3,680	4,944	6,364	1,305	179	500	46,545
Sole, Dover.....	325	3,880	1,155	5,395	21,645	22,535	18,715	7,160	7,466	40	88,516	40	88,516
Sole, English.....	41,353	58,960	46,330	52,661	35,745	44,312	36,118	72,423	50,022	67,535	27,499	17,860	407,539
Sole, flat.....	10,988	10,440	26,820	21,722	25,113	19,133	19,282	19,133	10,000	11,688	10,025	10,025	10,025
Sole, re.....	25,410	27,565	7,185	5,740	5,690	4,925	1,985	11,185	16,330	16,718	15,333	8,865	147,393
Sole, sand.....	555	2,370	1,590	3,875	1,610	1,195	2,60	205	115	115	4,010	18,215	—
Sole, miscellaneous.....	872	2,320	789	1,375	354	25	171	1,841	592	327	58	959	9,686
Tuna, albacore.....	—	—	—	—	—	—	—	—	—	—	—	—	4,499
Tuna, skipjack.....	—	—	—	—	—	—	—	35,267	65,119	817,406	252,404	1,798	1,262,084
Miscellaneous.....	—	—	—	340	—	20	—	—	—	—	—	—	340
	—	—	—	—	—	—	—	—	—	—	—	—	20

TABLE 11
Monthly Landings of Commercial Fishing Boats in the Monterey Area During 1967

TABLE 11—*Cont'd.*

Cephalopod:																			
Crab, market.....	260	757	292	68	132	1,507	
Crab, rock.....	53	60	168	221	2,390	
Prawn, spot.....	325	1,212	993	132	2,390	
Mollusk:																			
Mussel.....	221	317	525	
Clam, unclassified.....	180	337	40	778	
Octopus.....	468	1,364	38	2,637,010	5,355,164	1,935,772	705,865	61	1,931	11,233,371	
Squid.....	15,630	
Grand total.....	3,495,143	971,696	1,329,050	1,526,731	3,422,399	6,122,569	2,495,432	2,165,224	2,353,128	5,705,533	2,704,945	3,921,005	36,213,095						

TABLE 12

Monthly Landings of Commercial Fishing Boats in the Santa Barbara Area During 1967

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
LANDINGS FROM: California waters:													
Fish:													
Barracuda, California	3,870,750	1,818,500	996,750	2,700	9,800	11,600	8,800	12,600	5,600	1,067,905	481,765	2,325	8,289,185
Barracuda, Pacific	72,561	9,135	50	145	—	—	1,211	6,454	34,345	1,256	25	1,292	—
Cabazon, California	533	645	517	630	121	273	1,258	410	341	28,930	81,975	3	29,941
Croaker, white	117	—	—	—	—	25	875	196	—	—	464	1,687	6,262
Flounder	2,614	8,499	7,606	3,885	2,466	186	68	645	596	146	188	311	27,210
Gilt-head, Pacific	23,803	61,134	53,612	29,561	26,888	42,052	19,930	28,606	7,402	1,181	6,945	12,248	30,975
Hake, California	3,880	4,764	1,741	2,616	3,200	5,268	7,918	9,517	4,535	4,068	2,554	5,066	53,217
Lingcod	42,200	549,490	1,154,035	1,435,495	187,440	137,055	180,150	37,970	—	—	13,000	298,740	4,031,725
Mackerel, jack	—	—	—	—	—	—	—	—	—	—	—	—	—
Mackerel, Pacific	—	—	—	—	—	—	—	—	—	—	—	—	—
Perc, Pacific	3,583	4,810	3,487	4,643	—	24	—	2,418	4,688	6,300	—	6,700	—
Pompano, Pacific	—	471	—	241	—	—	—	—	—	—	—	—	5,025
Sailfish	150,110	216,400	185,295	309,750	256,084	458,275	311,942	302,750	141,750	111,911	263,135	191,032	2,847,711
Sardine	—	250	50	—	—	830	—	415	330	35	—	—	1,610
Salmon	—	—	—	—	—	—	—	—	—	—	—	—	107,560
Sanddab	175	—	—	1,032	13,753	49,530	23,096	2,862	16,376	—	—	—	1,189
Sea bass, giant	—	7,656	—	120	144	—	655	22	—	—	—	73	7,656
Seahorse, white	21,424	4,189	708	4,408	3,130	2,231	1,700	11,019	13,343	9,895	18,067	32,270	122,414
Shark	5,095	4,783	5,050	2,718	26,031	45,798	46,168	22,553	6,321	3,959	10,008	10,972	190,338
Sheepshead, California	—	9	142	—	46	11	21	729	—	—	6	1,019	—
Sole, sand	153	538	232	478	29	25	20	—	—	—	341	884	9,128
Sole, Dover	—	80	140	—	2,310	2,395	6,345	4,535	5,265	286	—	—	21,356
Sole, English	56,899	54,566	39,813	35,705	33,639	28,453	19,657	14,061	15,286	33,448	29,328	13,903	378,975
Tuna, petraleo	1,756	7,172	7,032	18,975	43,369	37,490	45,560	50,261	18,323	7,881	6,409	3,357	225,616
Tuna, skipjack	11,203	12,632	4,622	13,515	11,315	5,277	8,121	24,201	3,571	7,211	1,280	1,586	—
Sole, sand	20,511	26,828	9,622	4,250	2,707	893	230	1,245	—	194	385	69,070	—
Sole, sand	1,312	4,652	1,661	487	—	146	383	520	—	76	116	5,001	—
Swordfish	—	—	—	—	—	—	118	2,329	8,561	55,839	28,652	—	85,987
Tuna, albacore	—	—	—	—	—	—	—	—	—	—	—	—	2,823,907
Turbot	—	—	—	—	—	—	1,580	652	—	860	—	5	1,672
Yellowtail, California	—	—	—	—	—	7	—	—	—	13	46	43	141
Miscellaneous (animal feed)	183,285	106,370	81,695	86,010	56,769	97,248	155,560	116,580	55,408	25,754	8,443	3,593	984,329

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TABLE 12

Monthly Landings of Commercial Fishing Boats in the Santa Barbara Area During 1967

Crustacean:													
Crab, market.....	737	862	2,205	1,345	258	79				4	106	5,659	
Crab, rock.....	8,660	6,023	1,224	3,280	815	5,825					6,117	70,330	
Lobster, spiny.....	18,621	11,798	10,449	423	9,464	6,639	9,482	3,445	18,882	111,682	
Prawn, ridgeback.....	21,040	28,606	423	
Mollusk:													
Clam.....	238,815	152,659	278,843	362,209	272,864	261,535	314,850	274,932	314,417	296,929	235,000	
Octopus.....	9,738	9,449	7,337	135	45	45	225	
Oyster, giant Pacific.....	9,657	104,610	182,860	194,610	17,375	6,504	6,258	3,220	4,408	4,429	7,016	
Squid.....	1,269,913	436,830	436,830	182,860	131,320	200	131,360	277,855	2,992,543	
Grand total.....	4,747,806	4,203,568	3,170,960	2,367,098	1,245,263	1,236,638	1,275,549	1,321,263	2,596,090	2,196,032	1,422,363	1,143,795	26,926,866

TABLE 11—Cont'd.

TABLE 13
Monthly Landings and Shipments of Commercial Fish Into the Los Angeles Area During 1967

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds	
LANDINGS FROM:														
California waters:														
Fish:														
Ashley, California.....	15,783,310	11,682,760	10,028,851	5,373,355	20,500	25,210	207,130	314,805	187,085	156,860	97,965	81,335	44,531,859	
9	88	483	8,380	75,751	81,226	19,108	2,317	871	6	545	117	180,671		
Blacksmith.....													7,620	
Bonito, Pacific.....	1,801,275	522,145	37,4315	373	315	26,251	1,236,565	7,873,910	2,768,395	225,520	54,772	206,271	15,194,141	
Carp.....													300	
Croaker, white.....	60,516	63,264	22,058	21,637	31,112	15,502	17,224	5,827	10,424	15,363	32,668	14,343	310,769	
Flyingfish.....														
Hake, Pacific.....													43,714	
183	90	1,097					415	125	1,355	331			35	
Halibut, California.....	5,451	8,412	18,118	13,669	16,866	12,474	11,011	3,765	55	3,056	7,034	10,441	110,411	
Lingcod.....	73	39	180	80	84	245				16	116	22	855	
Mackerel, bullet.....														
928,685	3,347,367	31,01,016	3,066,705	4,814,115	8,132,550	1,692,863	3,238,753	63,181	705,703	723,525	2,603,375	33,213,400		
Mackerel, bullet.....	56,136	125,195	31,752	5,122	27,239	58,172	49,058	161,924	74,928	99,727	242,269	204,791	1,138,311	
Opikey.....	177		209		3,028	4,347	4,092	1,302	993	1,749	343	150	16,890	
Perci.....	4,251	922	4,063	2,211	292	4,714	1,710	4,149	2,142	4,381	4,159	3,743	36,718	
Porgy, Pacific.....	250	150	145	150	181	320	320	320	2,200	1,790	1,902	1,913	19,100	
Rodfish.....	69,777	92,626	55,564	49,890	61,230	44,710	45,621	15,739	6,358	20,313	44,027	46,628	552,383	
Salmon.....														
Sardine.....														
34,100	10,065	9,400	11,845	27,540	12,992	4,271	810	2,236	10,900	6,957	704	132,139		
Sealipin.....	741	1,982	657	45	564	1,696	512	12	22	302	533	417	6,883	
Sea bass, giant.....	19	70	441	1,043	638	887	1,305	24	817	414	211	22	3,851	
Sea bass, winter.....	5,645	17,200	9,684	21,185	3,027	12,225	17,252	105,532	51,210	20,198	10,198	2,271	231,110	
Shark.....	4,965	10,589	8,471	9,945	16,530	19,800	27,358	11,476	10,612	10,269	2,543	6,570	139,128	
Sheepshead, California.....	333	314	216	154	1,369	221	655	699		83	186	95	4,324	
Skate.....													200	
Sole, petrale.....		10,600	1,880	18,445	255	5,135	9,350	29,115	19,305	10,500	22,260	64,713	14,360	
Sole, petrale.....								26					26	
Sole, miscellaneous.....			60		13		19	424	650	416	40		1,622	
Swordfish.....							702	22,105	67,228	70,650	10,402	259	180,524	
Tuna, bigeye.....								605,511	538,100	1,209,350	638,297	446,167		3,384,314
Tuna, bluefin.....								185,773	413,115	376,535	777,883	36,029		1,450
Tuna, bluefin.....											31,310	75,840	1,742,333	
Whitefish, ocean.....			5		74	94	116	74	11	50	703	540	300	
Yellowtail, California.....	370				16	25	39	39		71		2,409		
Miscellaneous, California.....													80	

TABLE 13
Monthly Landings and Shipments of Commercial Fish Into the Los Angeles Area During 1967

Crustacean:														
Lobster, spiny.....	23,520 28,522	21,503 27,735	10,902 22,294	8,476	8,409	24,028	16,926	13,032	16,669 56,508	21,698 50,084	49,310 25,855	17,691 208,998	235,217	
Mollusk:														
Ahalone.....	117,994	24,655	68,831	85,606	93,056	156,714	79,919	62,057	55,612	36,579	25,900	807,823	
Octopus.....	412,550	161,250	164,275	31,300	640	465,575	1,097,045	5,776,010	
Squid.....	662,675	1,299,263	1,476,655	412,550	161,250	164,275	31,300	3,500	
Total pounds.....	19,698,669	17,235,148	15,216,471	9,990,325	5,850,733	9,132,830	4,823,869	12,835,619	5,925,774	2,158,149	2,129,312	4,384,823	108,551,160	
Waters north of State:														
Fish:														
Barracuda, California.....	1,890	9,000	249,540	2,092,462	2,334	8,253	125	12,602	
Bonito, Pacific.....	1,536	2,912	2,912	1,355	263,041	2,800	875	2,619,069	
Halibut, Pacific.....	26,161	10,815	18,705	1,023	3,329	1,300	22,049	16,017	53,240	1,026,022	
Perch.....	2,588	130	10	410	23	3,963	
Rockfish.....	21,985	9,087	15,040	4,245	10,632	3,170	6,465	1,680	7,670	10,685	38,367	129,026		
Sea bass, east.....	23,085	23,085	14,650	3,010	6,382	6,382	32,987	17,810	15,712	21,114	21,114	19,171	191,000	
Seal, white.....	61,999	100,098	24,567	33,693	175,792	49,418	40,928	7,053	7,053	76,456	106,464	678,658
Shark.....	4,456	132	554	5,142		
Yellowtail, California.....	265	265	
Tuna, albacore.....	5,998	66,000	
Tuna, bluefin.....	1,088,480	
Tuna, yellowfin.....	3,807,141	10,141,200	3,500,000	2,200,000	6,301,000	10,130,000	11,767,000	1,569,282	6,652,958	663,351	214,281	1,496	1,356,901	
Wahoo.....	860	860	
Whitefish, ocean.....	19,363	18,257	6,231	11,375	411	1,042	1,947	142	6,267	407	672	123,949	
Crustacean:														
Lobster, spiny.....	10	10	
Total pounds.....	5,167,862	8,356,688	18,038,402	18,256,072	29,032,789	34,140,611	30,348,184	16,119,513	16,161,809	12,479,942	10,095,548	2,127,439	200,344,255	
SHIPMENTS:*														
Fish:														
Tuna, albacore.....	4,015,402	1,749,194	4,148,413	1,545,472	870,362	3,311,750	2,238,109	10,891,069	7,826,352	4,990,606	3,992,162	1,945,143	47,197,034	
Tuna, bluefin.....	35,270	59,900	1,002,490	
Tuna, yellowfin.....	2,212	119,840	1,772,130	743,169	94,168	1,023,677	4,002,490	
Tuna, yellowfin.....	5,138,539	1,474,961	2,677,777	375,423	3,650,409	1,887,956	99,326	1,359,150	78,087	323,569	1,050,882	4,806,047	24,025,928	
Total pounds.....	9,736,866	3,284,055	6,986,130	1,920,897	6,332,182	5,078,065	2,553,078	13,291,279	7,605,339	5,184,175	5,613,014	6,732,090	73,570,197	
Grand total.....	34,802,497	28,875,891	40,261,002	29,237,294	41,015,700	49,251,515	37,725,131	42,289,006	29,717,558	21,835,070	18,363,879	13,282,834	398,457,878	

* For origin of shipments refer to Table 6. Beginning in 1968 only tuna shipments are recorded.

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TABLE 13—Cont'd.

TABLE 14
Monthly Landings and Shipments of Commercial Fish Into the San Diego Area During 1967

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
LANDINGS FROM:													
California waters:													
Fish:													
Barracuda, California.....	400	547	882	34,186	39,456	6,246	7,957	133	49	265	50	90,261	
Bonito, Pacific.....	669	287	967	340	245	5,327	58,370	911,879	1,423,341	2,994	321	1,610	2,406,320
Gurnard.....													11
Croaker, white.....	102	390	353	154	445	126	102	67	181	581	722	927	4,156
Opah.....							1,356	130	1,480
Haddock.....													651
Halibut, California.....	2,855	4,286	2,738	4,109	962	147	5,233	6,383	3,191	736	465	651	17,875
Lingcod.....	28	95	41	21	33	3,350	4,000	2,371	5,171	7,397	2,767	1,627	43,310
Pompano, Pacific.....	49,059	1,644	48	40	1,212	1,357	16,326	...	836	832	23,100	125	408
Opaleye.....												216	
Perch.....	297	684	857	1,895	1,368	509	1,191	764	527	876	1,176	306	10,353
Pompano, Pacific.....												33	33
Rockfish.....	31,828	49,059	40,138	33,616	51,183	43,351	26,816	21,135	12,312	21,395	16,874	20,748	368,316
Solefish.....												313	
Salmon.....												1,141	
Sanddab.....						10	...				312	70	392
Sardine.....						5,500	...	14					5,514
Sea bass, black.....	8,058	10,763	2,216	1,745	2,480	6,205	8,268	4,129	138	461	3,056	1,672	49,121
Sea bass, giant.....	124	655	290	658	1,170	556	240	140	166	109	583	4,700	
Sea bass, white.....	5,169	3,169	1,553	4,186	20,820	9,726	3,066	11,391	2,871	1,399	477	1,087	66,033
Shark.....													44
Sheepshead, California.....	126	256	264	2,060	1,318	256	96	299	426	2,426	1,423	1,382	
Smelt.....	274	144	144	144	144	144	250	395	140	156	163	163	1,382
Sole, miscellaneous.....	10	56	186	103	1,157	2,103	2,691	2,383	140	821	148	58	10,350
Stromatida.....							2,272	8,908	13,171	109	22,610
Tuna, albacore.....	9,868	1,435	2,584	3,161	9,020	10,686	11,710	9,502	7,754	12,586	6,179	12,062	95,586
Tuna, bluefin.....							456,260	505,970	214,905	257,320	21,636	...	1,450,091
Tuna, skipjack.....							2,779	4,572	281	2,779
Whitefish, ocean.....	105	236	1,321	927	274	1,740	2,418	703	280	1,000	178	1,141	10,352
Yellowtail, California.....	165	8	474	611	15	38	...	309	4	...	1,474
Miscellaneous.....	15	8	564	740	1,195	9,408
Crustacean:										32,169	32,649	13,474	129,214
Crab, rock.....	2,756	3,486	756	
Lobster, spiny.....	15,403	8,795	6,749	52,169	

TABLE 14
Monthly Landings and Shipments of Commercial Fish Into the San Diego Area During 1967

Mollusk:												
Abalone.....	20,695	---	19,103	47,840	88,374	60,862	48,204	43,763	72,390	80,652	61,099	44,367
Squid.....	---	98	---	---	---	---	---	---	---	---	2	4
Total pounds.....	99,676	84,181	82,926	101,930	224,617	188,933	642,889	1,610,324	1,762,796	146,747	152,578	101,412
Waters north of State:												
Fish:												
Tuna, albacore.....	---	---	---	---	---	---	---	---	46,947	302,320	93,978	---
Total pounds.....	---	---	---	---	---	---	---	---	46,947	302,320	93,978	443,245
Waters south of State:												
Fish:												
Bonito, California.....	1,205	---	---	---	2,330	---	51	4,001	8,982	---	2,780	19,588
Bonito, Pacific.....	3,337	---	---	---	256	---	132,002	617,558	4,539	1,093	---	758,825
Croaker, white.....	---	---	---	39	---	---	---	---	---	---	---	39
Grouper.....	11,435	485	---	---	389	150	1,300	---	---	---	1,450	42,507
Halibut, California.....	106	144	1,284	588	340	27	3,471	189	27	---	6,176	21
Perch.....	5,128	2,060	10,518	---	331	403	60	388	75	302	1,305	22,475
Sandab... Sandab...	---	---	---	---	---	146	---	---	---	---	146	---
Sculpin.....	2	18	26	220	15,593	6,165	6,557	---	---	---	26,611	---
Sea bass, giant.....	14,263	3,626	6,369	367	---	140	478	2,787	542	619	1,540	27,397
Sea bass, white.....	5,474	28	10,625	10	---	---	478	2,787	4,680	---	12,374	36,513
Shark....	5,474	740	2,198	1,485	60	138	1,121	---	---	---	5,267	758
Sheepshead, California.....	---	---	---	---	---	150	560	---	---	---	1,600	---
Tuna, albacore.....	---	---	---	---	---	117,237	102,902	2,003	2,299	---	221,571	---
Tuna, bigeye.....	---	1,000	---	---	---	4,122	1,022	---	---	---	4,170	---
Tuna, bluefin.....	---	---	---	---	450,527	1,793,123	187,425	85,769	26,618	2,038	2,455,528	---
Tuna, yellowfin.....	140	2,357,525	6,629,478	4,539,057	8,742,761	6,195,972	2,324,794	2,020,542	914,125	322,101	725,834	30,047,053
Turbot.....	---	---	---	108	---	---	122	---	---	---	106	---
Wahoo.....	---	---	---	60	---	---	122	---	---	---	122	217
Yellowtail, California.....	545	14	1,965	17	---	---	2,463	1,453	1,468	---	3,615	11,540
Miscellaneous.....	447	---	---	---	---	---	---	---	---	---	447	---
Total pounds.....	41,549	3,654,832	8,389,159	5,921,029	9,648,458	9,672,587	7,318,695	6,485,430	4,229,201	5,754,391	5,334,588	2,704,153
SHIPMENTS:^a												
Fish:												
Tuna, albacore.....	293,380	1,301,022	200,725	535,400	300,680	459,516	1,497,454	888,790	324,646	---	6,692,728	---
Tuna, yellowfin.....	605,219	402,103	40,475	150,431	156,162	---	1,425,602	93,379	---	---	2,571,551	---
Total pounds.....	898,599	1,604,115	241,203	150,431	535,400	156,162	300,680	459,516	3,911,346	982,175	324,646	9,561,282
Grand total.....	1,039,824	5,143,148	8,713,268	6,173,390	10,408,484	10,017,682	8,262,264	8,555,270	9,950,290	7,465,633	5,905,790	2,895,565
											84,550,628	5

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

MARINER FISH CATCH FOR 1967

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TABLE 14—Cont'd.

TABLE 15
Value of Landings and Shipments of Commercial Fish Into California by Area, 1967

Species	Eureka	San Francisco*	Monterey	Santa Barbara	Los Angeles	San Diego	Total
LANDINGS:							
Fish:							
Anchovy.....	35,099	16,753,584	8,289,185	44,531,509	-----	69,609,377	
\$5,086	\$161,623	\$79,648	\$455,918		\$70,365		
Barracuda, California.....	-----	-----	1,292	202,273	109,619	313,184	
\$37	\$33	\$437	\$7,273	\$49,312	\$134,350	\$891,442	
Blacksmith.....	-----	-----	285	\$3,108	\$16,698	\$56,151	
\$1							
Blacktail.....	-----	-----	-----	7,620	-----	7,620	
\$171							
Bonito, Pacific.....	622	546	5,447	238,041	17,809,630	3,165,145	21,219,431
\$37	\$33	\$437	\$7,273	\$49,312	\$134,350	\$891,442	
Cabezon.....	8	590	7,413	6,262	-----	11	14,284
\$1	\$12	\$486	\$234	-----	\$1	\$734	
Carp.....	348,231	-----	-----	300	-----	348,531	
\$28,391				\$26		\$28,417	
Croaker, white.....	19,780	160,460	1,213	310,769	4,195	496,417	
\$2,472	\$11,682	\$63	\$24,530	\$475	\$39,222		
Flounder.....	325,198	440,328	77,973	27,210	-----	870,707	
\$10,401	\$90,389	\$6,524	\$2,055	-----		\$57,777	
Flounder, arrowtooth.....	4,556	1,485	-----	-----	-----	6,041	
\$228	\$34					\$262	
Flyingfish.....	-----	-----	-----	43,714	2,930	46,644	
Grouper.....	-----	-----	-----	5,395	\$335	\$5,730	
Hake, Pacific.....	760	200	3,250	10,025	195	42,507	190,199
\$30	\$2	\$74	\$201	\$2	\$31,388	\$40,453	
Halfmoon.....	-----	-----	-----	7,556	17,875	25,431	
Halibut, California.....	264,960	160,622	304,967	117,374	50,135	838,058	
\$65,884	\$24,277	\$86,210	\$35,466	\$15,100	\$226,697		
Halibut, Pacific.....	498	-----	-----	-----	-----	498	
\$160						\$160	
Hardhead.....	218,804	-----	-----	-----	-----	218,804	
\$19,836						\$19,836	
Herring, Pacific.....	20,967	250,935	-----	-----	-----	271,902	
\$8,745	\$22,859					\$31,604	
Hitch.....	13,317	-----	-----	-----	-----	13,317	
\$333						\$333	
Lingcod.....	593,206	210,788	80,266	53,217	855	323	938,655
\$16,095	\$18,081	\$8,698	\$1,724	\$127	\$38	\$77,763	
Mackerel, bullet.....	-----	-----	-----	13,400	-----	13,400	
\$1				\$3,988		\$208	
Mackerel, jack.....	550	210	934,752	4,031,725	33,213,310	-----	38,180,447
\$24	\$9	\$36,556	\$150,813	\$1,259,932		\$1,446,864	
Mackerel, Pacific.....	-----	-----	6,700	1,136,311	23,596	1,166,607	
\$1			\$394	\$70,854	\$1,741	\$72,989	
Opaleye.....	-----	-----	-----	16,890	408	17,298	
Perch.....	65,147	24,062	30,625	34,693	37,512	10,474	202,513
\$11,057	\$6,710	\$5,326	\$7,948	\$8,484	\$1,941	\$11,466	
Pompano, Pacific.....	-----	54	61,764	715	49,027	33	111,593
\$27		\$25,754	\$157	\$14,668	\$4	\$40,610	
Rockfish.....	2,427,205	857,448	2,547,229	2,894,871	661,409	390,789	9,798,951
\$135,282	\$65,303	\$163,718	\$162,371	\$100,130	\$53,451	\$680,555	
Sablefish.....	2,411,572	4,076	1,000,010	1,850,950	-----	319	3,314,983
\$21,700	\$55,341	\$98					
Salmon.....	5,287,540	1,761,930	242,882	107,560	676	1,141	7,401,729
\$2,790,368	\$660,775	\$130,289	\$53,599	\$491	\$667	\$3,945,192	
Sanddab.....	203,166	254,614	227,545	1,189	116	538	687,168
\$17,499	\$21,803	\$17,098	\$104	\$21	\$142	\$56,667	
Sardine.....	-----	-----	113	7,000	132,136	9,514	148,766
\$1		\$23	\$1,400	\$27,037	\$2,093	\$30,553	
Sculpin.....	-----	-----	-----	6,883	75,773	82,656	
\$1				\$2,432	\$20,913	\$25,345	
Sea bass, giant.....	-----	-----	1,609	196,896	32,097	230,604	
\$1				\$280	\$35,003	\$5,259	
Seabass, white.....	-----	570	67,561	122,414	929,638	1,026,159	3,541,542
\$102	\$18,291	\$18,291	\$37,037	\$28,581	\$28,850	\$342,630	
Shark.....	4,347	84,653	71,197	190,336	144,270	102,093	596,698
\$228	\$3,547	\$2,301	\$19,954	\$18,931	\$12,054	\$57,015	
Sheepshead, California.....	-----	-----	-----	1,019	4,589	14,022	19,623
\$1				\$61	\$400	\$1,378	
Skate.....	7,930	82,590	103,413	2,618	200	-----	196,751
\$1,012	\$1,827	\$212	\$20	-----	-----		\$3,071

* Includes Sacramento area landings.

TABLE 15
Value of Landings and Shipments of Commercial Fish Into California by Area, 1967

TABLE 15—Continued
Value of Landings and Shipments of Commercial Fish Into California by Area, 1967

Species	Eureka	San Francisco*	Monterey	Santa Barbara	Los Angeles	San Diego	Total
Smelt.....	267,610	70,813	46,545	----	205,625	1,382	591,975
Smelt, whitebait.....	\$17,356	\$10,213	\$6,124	----	\$6,815	\$126	\$40,634
Smelt, whitebait.....	187,242	12,452	----	----	----	----	199,694
Smelt, whitebait.....	\$1,517	\$1,75	----	----	----	----	\$1,500
Sole, Dover.....	5,802,220	1,302,445	88,516	21,356	----	7,215,037	----
Sole, Dover.....	\$384,843	\$75,089	\$5,020	\$1,282	----	-----	\$466,234
Sole, English.....	3,073,892	1,871,503	497,539	378,975	----	5,821,909	----
Sole, English.....	\$274,057	\$168,949	\$38,886	\$28,439	----	-----	\$510,331
Sole, petrale.....	1,577,226	756,694	208,975	225,616	26	2,768,537	----
Sole, petrale.....	\$194,372	\$101,621	\$29,828	\$29,382	\$1	-----	\$355,207
Sole, rex.....	1,180,812	344,247	147,393	93,586	----	1,766,038	----
Sole, rex.....	\$101,114	\$29,135	\$11,138	\$7,735	----	-----	\$149,122
Cl., sand.....	3,623	214,989	18,215	69,070	----	305,897	----
Cl., sand.....	\$381	\$25,286	\$2,174	\$5,326	----	-----	\$36,167
Cl., miscellaneous.....	58	35	9,686	9,961	1,622	10,350	31,717
Cl., miscellaneous.....	\$5	\$5	\$9,163	\$9,300	\$300	\$3,445	\$3,445
Cl., miscellaneous.....	-----	-----	\$1,436	\$5,897	180,524	24,210	305,057
Cl., miscellaneous.....	-----	-----	\$2,367	\$49,326	\$98,564	\$13,551	\$163,811
Tuna, albacore.....	4,853,927	1,516,620	1,202,084	2,825,897	5,336,088	2,123,907	17,857,923
Tuna, albacore.....	\$898,181	\$280,309	\$222,365	\$522,140	\$1,063,628	\$420,300	\$4,406,823
Tuna, bigeye.....	----	----	----	----	1,089,930	44,495	1,134,425
Tuna, bigeye.....	----	----	----	----	\$145,602	\$5,954	\$151,556
Tuna, bluefin.....	----	----	----	----	11,140,766	2,594,829	13,735,599
Tuna, skipjack.....	----	----	291	----	\$1,362,416	\$305,068	\$1,667,484
Tuna, yellowfin.....	----	----	29	----	\$8,190,204	\$3,053,546	\$11,243,779
Tuna, yellowfin.....	----	----	----	----	105,132,642	35,223,411	140,356,052
Turbot.....	3,875	63,252	340	5,049	----	3,351	72,352
Turbot.....	\$194	\$3,228	\$17	\$306	----	\$51	\$3,796
Wahoo.....	----	----	----	----	860	122	862
Whitefish, ocean.....	----	----	----	----	\$103	\$18	\$121
Yellowtail, California.....	----	----	----	----	679	380	1,059
Miscellaneous.....	192	10	20	----	\$49	\$24	\$73
Miscellaneous.....	\$11	\$1	\$1	----	\$13,548	\$2,194	\$15,766
Miscellaneous (animal food).....	1,611,792	----	----	984,326	----	2,596,118	----
Miscellaneous (animal food).....	\$32,132	----	----	\$19,686	----	\$51,818	----
Crustacean:							
Crab, market.....	10,772,988	936,354	1,507	5,639	----	11,716,488	----
Crab, rock.....	\$1,762,740	\$267,118	\$569	\$2,240	----	-----	\$2,032,967
Lobster, spiny.....	100	----	221	79,350	235,217	9,498	324,386
Prawn, spot.....	----	----	\$8	\$5,082	\$27,477	\$329	\$32,896
Prawn, ridgeback.....	----	----	----	111,662	209,008	129,214	449,884
Shrimp, bay.....	----	19,771	----	----	\$91,569	\$182,091	\$111,273
Shrimp, ocean.....	1,411,625	888	----	----	----	2,590	2,590
Shrimp, ocean.....	\$163,407	\$102	----	----	----	423	423
Abalone.....	----	2,174	----	----	----	19,771	19,771
Clam, unclassified.....	1,754	----	778	----	----	-----	\$1,206
Octopus.....	281	----	195	----	----	-----	2,532
Oyster, eastern.....	1,791	5,096	1,931	225	145	6	9,194
Oyster, giant Pacific.....	\$74	\$204	\$286	\$22	\$36	\$1	\$623
Oyster, giant Pacific.....	----	12,710	----	----	----	----	12,710
Squid.....	454,641	185,693	----	89,097	----	----	729,431
Squid.....	\$105,704	\$45,174	----	\$20,715	----	----	\$169,593
Squid.....	----	----	11,233,271	2,592,543	5,776,010	98	19,601,922
Squid.....	----	----	\$300,123	\$38,696	\$98,937	\$10	\$437,766
Total pounds.....	42,427,176	12,452,218	36,213,095	26,926,666	310,887,681	74,986,346	503,893,182
Total value.....	\$7,220,581	\$2,309,030	\$1,315,488	\$2,031,237	\$28,883,937	\$9,188,627	\$50,948,900

* Includes Sacramento area landings.

TABLE 15
Value of Landings and Shipments of Commercial Fish Into California by Area, 1967

TABLE 15—Continued
Value of Landings and Shipments of Commercial Fish Into California by Area, 1967

Species	Eureka	San Francisco*	Monterey	Santa Barbara	Los Angeles	San Diego	Total
SHIPMENTS†:							
Fish:							
Tuna, albacore.....	----	----	----	47,197,034	6,692,728	53,889,762	
				\$12,412,141	\$1,743,882	\$13,785,000	
Tuna, bigeye.....	----	----	----	24,812,736	----	24,812,736	
				\$35,937	----	\$35,937	
Tuna, skipjack.....	----	----	----	4,002,499	----	4,002,499	
				\$522,832	----	\$522,832	
Tuna, yellowfin.....	----	----	----	24,023,928	2,871,554	26,895,482	
				\$5,481,928	\$651,973	\$6,133,901	
Total pounds.....	----	----	----	75,570,197	9,564,282	85,134,479	
Total value.....	----	----	----	\$18,102,801	\$2,395,855	\$20,498,656	
GRAND TOTAL POUNDS	42,427,176	12,452,218	36,213,095	26,926,666	386,457,878	84,550,628	589,027,661
GRAND TOTAL VALUE	\$7,220,581	\$2,309,030	\$1,315,488	\$2,031,237	\$46,986,738	\$11,584,482	\$71,447,556

* Includes Sacramento area landings.

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

TABLE 15
Value of Landings and Shipments of Commercial Fish Into California by Area, 1967

TABLE 16
Value of Landings by Port, Eureka Area, 1967

	Value	Pounds
Eureka		
Salmon	\$1,096,856	2,030,084
Market crab	753,391	4,604,352
Albacore	508,607	2,748,600
Giant Pacific oyster	105,704	454,641
Dover sole	54,173	816,861
Sablefish	46,991	447,075
English sole	23,308	261,428
Petrale sole	21,781	176,582
Ocean shrimp	19,249	166,285
Rex sole	17,119	199,915
Rockfish	16,791	311,821
Perch	5,476	31,273
All other species	10,773	155,178
Port totals	\$2,680,203	12,404,095
Fort Bragg		
Salmon	\$802,494	1,514,794
Albacore	385,017	2,080,701
Sablefish	136,632	1,302,788
Market crab	84,691	517,587
Dover sole	80,054	1,207,065
Petrale sole	65,420	530,848
Rockfish	63,185	1,104,461
English sole	59,199	663,991
Rex sole	31,549	373,697
Lingcod	20,864	268,501
Miscellaneous (animal food)	10,994	551,477
Whitebait smelt	5,203	55,632
All other species	9,090	122,285
Port totals	\$1,755,392	10,293,227
Crescent City		
Market crab	\$778,541	4,758,052
Salmon	661,790	1,282,453
Ocean shrimp	144,126	1,245,065
English sole	76,014	832,595
Rockfish	17,632	306,451
Sablefish	15,212	144,726
Petrale sole	14,900	120,908
Rex sole	9,098	106,247
Flounder	9,093	180,296
Lingcod	6,921	89,067
All other species	17,898	180,093
Port totals	\$1,750,625	9,266,453
Fields Landing		
Dover sole	\$247,632	3,724,780
English sole	115,536	1,295,878
Petrale sole	92,291	748,888
Market crab	69,176	422,771
Rex sole	42,948	501,553
Sablefish	42,672	405,988
Rockfish	37,882	702,808
Miscellaneous (animal food)	21,138	1,060,315
Lingcod	14,884	191,545
Salmon	14,863	28,807
Smelt	11,301	172,555
Sanddab	7,491	86,969
Flounder	6,275	124,424
Whitebait smelt	6,184	66,120
All other species	3,811	23,080
Port totals	\$733,484	9,557,381
Trinidad		
Salmon	\$82,696	169,936
Market crab	75,893	463,821
Port totals	\$158,589	633,757

TABLE 16
Value of Landings by Port, Eureka Area, 1967

TABLE 16—Continued
Value of Landings by Port, Eureka Area, 1967

	Value	Pounds
Albion		
Salmon.....	\$83,052	156,628
All other species.....	1,254	9,125
Port totals.....	\$84,306	165,753
Point Arena		
Salmon.....	\$57,589	104,278
All other species.....	344	1,862
Port totals.....	\$57,933	106,140
All other ports		
All species.....	\$40	370
Totals.....	\$40	370
EUREKA AREA TOTALS.....	\$7,220,581	42,427,176

TABLE 16
Value of Landings by Port, Eureka Area, 1967

TABLE 17
Value of Landings by Port, San Francisco Area, 1967 *

	Value	Pounds
San Francisco		
Market crab.....	\$138,804	486,016
English sole.....	102,060	1,130,549
Salmon.....	98,384	175,352
Petrale sole.....	74,450	554,372
Dover sole.....	61,791	1,071,778
Rockfish.....	47,041	674,379
California halibut.....	36,722	147,680
Sand sole.....	22,932	194,969
Flounder.....	22,431	325,975
Sanddab.....	16,711	195,149
Sablefish.....	15,566	417,333
Rex sole.....	14,718	173,899
Lingcod.....	11,846	138,103
All other species.....	19,883	249,175
Port totals.....	\$683,339	5,934,729
Bodega Bay		
Salmon.....	\$126,960	788,879
English sole.....	58,213	644,847
Market crab.....	56,270	197,028
Albacore.....	56,178	303,831
Petrale sole.....	20,015	149,037
Rockfish.....	13,336	115,646
Rex sole.....	12,127	143,286
Dover sole.....	11,852	205,582
Smelt.....	8,240	54,358
All other species.....	13,775	182,062
Port totals.....	\$676,966	2,784,556
Sausalito		
Salmon.....	\$140,345	269,221
Albacore.....	110,412	597,151
Market crab.....	26,357	92,288
All other species.....	8,778	44,134
Port totals.....	\$285,892	1,002,794
Point Reyes		
Salmon.....	\$111,458	254,494
Giant Pacific oyster.....	35,484	152,620
Market crab.....	29,312	102,624
English sole.....	8,616	95,445
Petrale sole.....	7,156	53,285
All other species.....	22,961	285,001
Port totals.....	\$244,987	943,479
Oakland		
Albacore.....	\$109,501	592,224
Salmon.....	52,225	93,308
All other species.....	1,712	8,373
Port totals.....	\$163,438	693,905
Princeton		
Salmon.....	\$94,357	168,077
California halibut.....	24,491	98,492
Market crab.....	16,618	58,188
All other species.....	6,774	74,874
Port totals.....	\$142,240	399,631
Tomales Bay		
Eastern oyster.....	\$37,681	12,710
Giant Pacific oyster.....	7,690	33,073
All other species.....	4,977	28,055
Port totals.....	\$50,348	73,838

TABLE 17
Value of Landings by Port, San Francisco Area, 1967

TABLE 17—Continued
Value of Landings by Port, San Francisco Area, 1967 *

	Value	Pounds
Clear Lake		
Carp.....	\$24,708	303,058
Hardhead.....	19,636	216,401
All other species.....	333	13,317
Port totals.....	\$44,677	532,776
Berkeley		
Salmon.....	\$6,628	11,853
All other species.....	1,488	5,003
Port totals.....	\$8,116	16,856
All other ports		
All species.....	\$9,027	69,654
Totals.....	\$9,027	69,654
SAN FRANCISCO AREA TOTALS	\$2,309,030	12,452,218

* Includes Sacramento area landings.

TABLE 17
Value of Landings by Port, San Francisco Area, 1967

TABLE 18
Value of Landings by Port, Monterey Area, 1967

	Value	Pounds
Moss Landing		
Albacore.....	\$163,940	886,645
Anchovy.....	138,232	14,328,844
Salmon.....	80,560	149,689
Rockfish.....	64,586	1,061,562
Squid.....	63,160	2,364,014
Jack mackerel.....	35,092	897,340
Pacific herring.....	22,334	245,175
White seabass.....	16,930	62,534
English sole.....	16,131	206,395
Petrale sole.....	11,768	82,450
Sanddab.....	8,907	118,535
Pacific pompano.....	8,618	20,668
Sablefish.....	5,671	104,646
Rex sole.....	5,593	74,017
All other species.....	27,019	317,214
Port totals.....	\$668,541	20,919,728
Monterey		
Squid.....	\$236,958	8,869,082
Rockfish.....	98,823	1,481,790
Albacore.....	55,868	302,151
Sablefish.....	49,670	916,555
Salmon.....	28,284	50,948
Anchovy.....	23,360	2,421,400
English sole.....	22,752	291,169
Petrale sole.....	18,056	128,500
California halibut.....	13,594	56,343
Sanddab.....	8,168	108,700
Rex sole.....	5,545	73,376
White croaker.....	5,006	68,764
All other species.....	21,109	257,241
Port totals.....	\$587,193	15,024,049
Santa Cruz		
Salmon.....	\$21,445	42,245
Pacific pompano.....	16,804	40,299
California halibut.....	9,026	37,411
All other species.....	12,479	149,363
Port totals.....	\$59,754	269,318
MONTEREY AREA TOTALS	\$1,315,488	36,213,095

TABLE 18
Value of Landings by Port, Monterey Area, 1967

TABLE 19
Value of Landings by Port, Santa Barbara Area, 1967

	Value	Pounds
Morro Bay		
Albacore.....	\$463,921	2,510,808
Abalone.....	273,133	1,397,207
Rockfish.....	88,393	1,590,161
Jack mackerel.....	40,582	1,088,280
Giant Pacific oyster.....	20,715	89,097
California halibut.....	12,295	43,480
Salmon.....	11,180	20,808
Petrale sole.....	9,112	69,971
Perch.....	6,530	28,610
White seabass.....	6,466	21,371
Miscellaneous (animal food).....	4,749	237,468
All other species.....	18,146	184,179
Port totals.....	\$955,222	7,281,440
Santa Barbara		
Abalone.....	\$263,268	1,330,278
Spiny lobster.....	69,636	84,916
Rockfish.....	59,520	1,060,279
California halibut.....	45,363	160,416
Swordfish.....	42,018	81,691
English sole.....	17,103	227,918
Shark.....	15,421	149,521
White seabass.....	14,045	46,419
Miscellaneous (animal food).....	13,351	692,450
Petrale sole.....	11,818	90,745
All other species.....	14,890	225,742
Port totals.....	\$566,843	4,150,464
Port Hueneme		
Jack mackerel.....	\$109,761	2,943,445
Anchovy.....	79,648	8,289,185
Squid.....	38,696	2,502,543
Spiny lobster.....	17,137	20,897
California halibut.....	12,291	43,465
Abalone.....	7,865	38,047
All other species.....	13,352	215,336
Port totals.....	\$278,950	14,143,818
Avila		
Albacore.....	\$57,675	312,143
Abalone.....	43,907	224,616
Salmon.....	40,912	84,193
White seabass.....	14,224	47,012
Rockfish.....	12,732	213,300
California halibut.....	11,243	39,757
Petrale sole.....	8,305	63,773
Sand sole.....	7,870	65,285
English sole.....	7,482	99,708
All other species.....	9,806	145,502
Port totals.....	\$214,156	1,295,289
Oxnard		
All species.....	\$8,829	22,644
Port totals.....	\$8,829	22,644
All other ports		
California halibut.....	\$5,039	17,818
All other species.....	2,198	15,193
Totals.....	\$7,237	33,011
SANTA BARBARA AREA TOTALS	\$2,031,237	26,926,666

TABLE 19
Value of Landings by Port, Santa Barbara Area, 1967

TABLE 20
Value of Landings and Shipments by Port, Los Angeles Area, 1967

	Value	Pounds
Terminal Island		
Landings:		
Yellowfin tuna.....	\$14,353,346	104,793,296
Skipjack tuna.....	8,189,937	80,996,856
Bluefin tuna.....	1,283,708	10,497,153
Albacore.....	1,043,649	5,235,837
Jack mackerel.....	942,982	24,855,836
Pacific bonito.....	520,164	12,363,227
Anchovy.....	429,343	42,019,760
Bigeye tuna.....	145,602	1,089,930
Squid.....	67,635	3,948,575
Pacific mackerel.....	14,324	229,716
All other species.....	1,927	9,560
Total landings.....	\$26,092,617	285,942,766
Shipments: *		
Albacore.....	\$12,042,104	47,197,034
Yellowfin tuna.....	5,481,928	24,023,928
Skipjack tuna.....	522,832	4,002,499
Bigeye tuna.....	55,937	346,736
Total shipments.....	\$18,102,801	75,570,197
Port totals.....	\$45,095,418	361,512,963
San Pedro		
Landings:		
White seabass.....	\$245,128	881,299
Pacific bonito.....	174,694	4,152,123
Ahalone.....	149,023	768,559
Jack mackerel.....	110,253	2,904,712
Spiny lobster.....	97,228	111,600
Rockfish.....	96,382	652,901
Bluefin tuna.....	78,706	643,598
Swordfish.....	69,288	126,904
Pacific mackerel.....	56,247	902,041
Yellowfin tuna.....	46,480	539,346
Giant sea bass.....	34,605	194,657
California barracuda.....	33,171	200,480
Grouper.....	31,388	147,692
Squid.....	31,302	1,827,435
California halibut.....	26,552	87,873
Sardine.....	25,481	124,533
White croaker.....	23,329	296,563
Anchovy.....	17,936	1,755,370
Rock crab.....	15,802	135,273
Albacore.....	14,963	75,066
Pacific pompano.....	14,276	47,717
California yellowtail.....	13,525	128,139
Shark.....	8,848	67,504
Flyingfish.....	5,266	42,668
Smelt.....	5,256	156,982
All other species.....	14,206	76,216
Port totals.....	\$1,439,335	16,847,251
Wilmington		
Landings:		
Jack mackerel.....	\$206,621	5,447,760
Pacific bonito.....	53,843	1,279,745
Anchovy.....	6,533	639,384
All other species.....	3,414	65,084
Port totals.....	\$270,411	7,431,973

TABLE 20
Value of Landings and Shipments by Port, Los Angeles Area, 1967

TABLE 20—Continued
Value of Landings and Shipments by Port, Los Angeles Area, 1967

	Value	Pounds
Newport Beach		
Landings:		
Swordfish.....	\$28,196	51,642
Spiny lobster.....	20,634	23,684
Shark.....	9,658	73,521
California halibut.....	8,896	29,443
White seabass.....	8,746	31,146
Abalone.....	6,631	33,307
All other species.....	4,362	103,135
Port totals.....	\$87,123	346,178
Long Beach		
Landings:		
Spiny lobster.....	\$34,001	39,027
All other species.....	8,858	88,788
Port totals.....	\$42,859	127,815
Redondo Beach		
Landings:		
Rock crab.....	\$11,600	99,302
Spiny lobster.....	11,478	13,175
All other species.....	752	8,558
Port totals.....	\$23,830	121,035
Santa Monica		
Landings:		
Spiny lobster.....	\$8,410	9,653
All other species.....	6,942	40,593
Port totals.....	\$15,352	50,246
San Clemente		
Landings:		
Spiny lobster.....	\$5,571	6,395
All other species.....	144	725
Port totals.....	\$5,715	7,120
All other ports		
Landings:		
All species.....	\$6,695	13,297
Totals.....	\$6,695	13,297
LOS ANGELES AREA TOTALS	\$46,986,738	386,457,878

* Beginning in 1965 only tuna shipments are recorded.

TABLE 20
Value of Landings and Shipments by Port, Los Angeles Area, 1967

TABLE 21
Value of Landings and Shipments by Port, San Diego Area, 1967

	Value	Pounds
San Diego		
Landings:		
Yellowfin tuna.....	\$4,853,542	35,223,306
Skipjack tuna.....	3,053,532	30,056,380
Albacore.....	419,904	2,121,904
Bluefin tuna.....	305,066	2,594,810
Pacific bonito.....	134,231	3,162,348
Ahalone.....	105,830	575,720
Spiny lobster.....	95,397	107,870
Rockfish.....	48,866	357,242
White seabass.....	28,374	100,822
Sculpin.....	20,886	75,674
California barracuda.....	16,332	107,214
California halibut.....	14,366	47,698
Swordfish.....	13,554	24,210
Shark.....	11,674	98,733
Grouper.....	9,453	42,507
Bigeye tuna.....	5,654	44,495
Giant sea bass.....	5,218	31,849
All other species.....	17,339	124,931
Total landings.....	\$9,159,518	74,897,713
Shipments:[*]		
Albacore.....	\$1,743,882	6,692,728
Yellowfin tuna.....	651,973	2,871,554
Total shipments.....	\$2,395,855	9,564,282
Port totals.....	\$11,555,373	84,461,995
Oceanside		
Landings:		
All species.....	\$13,702	71,166
Port totals.....	\$13,702	71,166
Cardiff		
Landings:		
Spiny lobster.....	\$9,331	10,551
Port totals.....	\$9,331	10,551
La Jolla		
Landings:		
Spiny lobster.....	\$6,069	6,862
Port totals.....	\$6,069	6,862
All other ports		
Landings:		
All species.....	\$7	54
Totals.....	\$7	54
SAN DIEGO AREA TOTALS.....	\$11,584,482	84,550,628

* Beginning in 1965 only tuna shipments are recorded.

TABLE 21
Value of Landings and Shipments by Port, San Diego Area, 1967

TABLE 22
Statewide Commercial Partyboat Catch by Species
(Not including anchored barges)
1958-1967 *

Species	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	PISI BULLETIN 144
Barracuda, California.....	782,720	1,185,535	755,408	391,884	335,507	485,600	303,000	445,304	892,997	470,480	
Bass, largemouth.....	80,551	128,420	178,656	611,604	788,146	1,219,344	1,103,391	1,220,313	1,278,539	1,607,014	
Bonito, Pacific.....	422,568	77,036	1,109,919	849,420	798,725	775,710	1,208,801	806,322	641,115	319,052	
Cabazon, California.....	109	109	109	109	109	109	109	109	109	109	5,110
Haulover, California.....	16,192	23,365	48,310	108,011	118,996	125,669	141,654	118,231	88,729	63,682	
Lingcod.....	29,801	31,206	28,232	23,466	25,390	27,513	25,263	33,260	41,076	43,359	
Mackerel, jack.....	27,867	11,820	28,537	28,891	9,029	9,342	6,577	25,616	19,027	16,236	
Mackerel, Pacific.....	1,007	32	29,370	118,738	31,673	116,560	101,219	151,896	205,090	108,366	
Rockfish.....	1,861,132	1,177,979	1,019,000	898,611	956,620	982,649	966,910	1,207,230	1,841,925	1,841,925	
Salmon.....	52,676	55,945	37,94	42,966	87,612	72,457	92,021	51,677	70,151	84,946	
Scallop.....	13,743	11,477	15,111	20,672	33,314	53,896	73,844	71,888	69,551	63,280	
Seabass, white.....	34,039	10,562	15,607	13,150	13,564	19,800	14,301	9,775	3,072	3,385	
Sheepshead.....	1,123	1,146	1,146	1,210	1,210	1,210	1,210	2,029	41,021	25,475	
Tuna, albacore.....	6,182	39	76,075	181,891	229,314	158,372	112,358	99,771	74,680	66,497	
Tuna, bluefin.....	884	1,330	97	2,268	2,453	737	698	92	1,998	3,106	
Whiting, ocean.....	6,113	5,908	5,950	6,617	6,157	6,231	6,640	13,810	15,387	18,184	
Yellowtail, California.....	1,234	452	258,060	42,479	21,735	45,355	39,400	18,267	80,153	11,292	
All others.....	44,939	28,039	56,132	87,981	92,776	142,630	114,400	163,565	166,470	145,073	
Total number of fish.....	3,950,880	4,328,575	4,090,034	3,453,833	3,655,993	4,278,502	4,434,176	4,634,588	5,408,420	4,444,164	
Number of angler days*.....	515,132	557,154	516,255	495,805	505,866	645,155	695,445	688,163	857,000	780,102	
Number of anglers.....	637,408	595,916	

*See Fish Bulletin No. 121 for historical records 1936-1961.

† Not available after 1961.

TABLE 22
Statewide Commercial Partyboat Catch by Species (Not including anchored barges) 1958-1967

TABLE 23
Inshore Bait Landings—Pounds and Value—1966

Species	Statewide*	Sacramento	San Francisco and Monterey	Los Angeles	San Diego
Clam					
Freshwater-----	524,982	519,273	5,709	----	----
	\$56,740	\$56,001	\$739		
Jackknife-----	62,302	----	----	31,441	30,861
	\$33,313			\$18,235	\$15,078
Purple-----	16,799	----	----	13,238	3,561
	\$7,929			\$6,458	\$1,471
Unclassified-----	1,035	----	76	6	953
	\$1,668		\$38	\$3	\$1,627
Crab					
Sand-----	8,394	----	284	8,100	10
	\$12,354		\$126	\$12,220	\$8
Shore-----	26	----	11	15	----
	\$184		\$31	\$153	
Mudsucker, longjaw-----	175	----	----	----	----
	\$49				
Mussel (bay and rock)-----	102,644	----	603	88,575	13,466
	\$10,379		\$67	\$8,897	\$1,415
Perch, shiner-----	40	----	40	----	----
	\$152		\$152		
Sculpin, staghorn-----	2,061	710	1,351	----	----
	\$6,629	\$2,644	\$3,985		
Shrimp					
Bay-----	26,119	24,041	2,078	----	----
	\$25,331	\$23,304	\$2,027		
Ghost-----	7,780	----	----	5,313	2,467
	\$25,592			\$16,573	\$9,019
Red-----	2,356	----	----	2,356	----
	\$3,575			\$3,575	
TOTAL-----	754,713				
	\$183,895				

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

TABLE 23
Inshore Bait Landings—Pounds and Value—1966

TABLE 24
Inshore Bait Landings—Pounds and Value—1967

Species	Statewide*	Sacramento	San Francisco and Monterey	Los Angeles	San Diego
Clam					
Freshwater-----	500,055	500,055	----	----	----
	\$52,214	\$52,214			
Jackknife-----	53,168	----	----	34,536	18,632
	\$30,022			\$20,471	\$9,551
Purple-----	25,110	----	----	9,429	15,681
	\$11,989			\$4,701	\$7,288
Unclassified-----	2,908	----	363	560	1,985
	\$4,146		\$91	\$85	\$3,970
Crab					
Sand-----	8,303	----	261	8,033	9
	\$17,152		\$116	\$17,031	\$5
Shore-----	38	----	----	38	----
	\$451			\$451	
Mudsucker, longjaw-----	4,742	----	----	----	----
	\$4,111				
Mussel (bay and rock)-----	95,110	----	163	90,841	4,108
	\$9,498		\$26	\$9,018	\$454
Perch, shiner-----	60	----	60	----	----
	\$83		\$83		
Sculpin, staghorn-----	1,158	1,039	119	----	----
	\$3,811	\$3,418	\$393		
Shrimp					
Bay-----	37,586	37,586	----	----	----
	\$42,669	\$42,669			
Ghost-----	2,884	75	----	1,355	1,454
	\$10,844	\$75		\$5,388	\$5,381
Red-----	1,561	----	----	1,561	----
	\$2,120			\$2,120	
TOTAL-----	732,683				
	\$189,110				

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

TABLE 24
Inshore Bait Landings—Pounds and Value—1967

TABLE 25
Recorded Catch of Live Bait for Saltwater Sportfishing 1963–1967

Species	Thousands of pounds*				
	1963	1964	1965	1966	1967
Anchovy.....	8,884	10,382	12,296	13,382	10,774
Herring, Pacific.....	46	18	---	---	---
Mackerel, jack.....	15	---	---	25	---
Sardine, adult.....	38	283	66	54	1
Sardine, juvenile.....	3	1	2	T	T
Miscellaneous†.....	87	26	82	84	22
Total pounds.....	9,073	10,710	12,446	13,545	10,797
Number of vessels‡.....	23	22	24	18	16

* Weights are estimated from voluntary records. They should be regarded as minimal because some fishermen do not supply catch information.

T Less than 300 pounds.

† Consists primarily of queenfish and white croaker.

‡ The number of live bait fishing vessels for which landings were reported. These numbers differ slightly from those in previous catch bulletins, since the earlier landing records, as submitted, sometimes included the catch of more than one boat.

TABLE 25
Recorded Catch of Live Bait for Saltwater Sportfishing 1963–1967

APPENDIX A

APPENDIX A

TABLE I
California Commercial Troll Salmon Landings by Port-Area, Month and Species, in Pounds * and Numbers—1967

	April		May		June		July		August		September		Season	
	Pounds	Numbers	Pounds	Numbers	Pounds	Numbers	Pounds	Numbers	Pounds	Numbers	Pounds	Numbers	Pounds	Numbers
Crescent City														
King.....	38,629	4,261	169,716	16,012	99,096	9,670	92,013	8,190	20,145	1,740	884	208	420,483	43,000
Silver.....	1,499	299	12,497	2,374	85,211	12,750	587,663	70,282	59,388	6,296	4,499	459	751,027	92,572
Pink.....	4,618	951	106,087	19,289	685	120	4,23	4	111,141	20,374
Eureka														
King.....	284,556	29,507	67,382	64,429	359,163	32,532	66,771	7,900	10,810	2,612	7,908	701	1,384,960	137,827
Silver.....	3,262	648	65,821	12,567	257,831	38,018	353,121	39,889	108,376	11,380	10,227	1,275	796,738	103,807
Pink.....	17,150	4,288	27,855	5,191	64	12	45,099	9,489
Fort Bragg														
King.....	32,240	3,122	137,749	12,754	42,988	3,872	297,440	19,473	407,655	27,458	48,199	3,303	960,031	69,855
Silver.....	125	25	17,595	3,469	85,110	10,835	514,664	92,317	189,146	20,226	8,9	76	892,892	87,088
Pink.....	63	14	1,788	279	56	11	1,907	304
San Francisco														
King.....	135,752	11,228	218,444	17,546	256,308	29,756	168,530	13,229	(8,310	3,386	47,562	3,388	875,226	69,533
Silver.....	868	177	117,752	20,515	470,291	66,700	288,802	30,776	7,030	7,776	1,370	112	888,242	113,151
Pink.....	709	153	253	36	962	189
Monterey														
King.....	13,182	659	66,819	5,071	78,161	5,412	18,008	1,224	18,061	2,405	22,933	2,378	217,624	17,549
Silver.....	196	42	15,324	2,881	77,311	10,031	43,059	4,887	457	42	111	9	151,653	17,492
Pink.....
Statewide														
King.....	504,759	49,077	1,210,080	118,813	815,786	72,262	672,862	49,622	535,841	37,740	127,046	10,070	3,866,374	337,884
Silver.....	5,050	1,191	224,282	41,576	676,203	132,321	1,787,389	198,175	361,696	38,716	17,037	1,031	3,375,941	414,110
Pink.....	22,207	4,413	159,013	21,759	895	130	23	4	154,411	39,399

* Dressed head on.

MARINE FISH CATCH FOR 1967

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TABLE I

California Commercial Troll Salmon Landings by Port-Area, Month and Species, in Pounds and Numbers—1967

APPENDIX A

TABLE II
California Ocean Recreational Salmon Landings and Success * by Fishery, Port, Month and Species, in Numbers of Fish—1967

	February			March			April			May			June			July			
	King	Silver	Fish /Day	King	Silver	Fish /Day	King	Silver	Fish /Day	King	Silver	Fish /Day	King	Silver	Fish /Day	King	Silver	Fish /Day	
Crescent City																			
Partyboat.....	0	0	..	0	0	..	0	0	..	1	0	..	12	0	0.3	40	333	0.9	
Skip....	0	0	..	0	0	..	0	0	..	0	0	..	13	4	0.1	339	2,477	1.0	
Eureka																			
Partyboat.....	0	0	..	0	0	..	0	0	..	29	22	..	85	64	0.4	338	1,069	0.7	
Skip....	0	0	..	0	0	..	0	0	..	0	0	..	191	109	0.1	1,323	9,692	0.9	
Fort Bragg																			
Partyboat.....	0	0	..	0	0	..	0	0	..	0	31	..	0	66	0.2	162	1,194	0.7	
Skip....	0	0	..	0	0	..	0	0	..	0	0	..	5	7	0.1	497	3,778	0.6	
San Francisco																			
Partyboat.....	3,970	0	a	12,132	0	0.4	5,550	1,940	0	1.1	3,422	4,355	0.9	3,872	8,618	1.5	6,011	1,898	0.7
Skip....	241	0	a	689	0	0.1	433	0	1.2	256	193	0.8	173	649	2.1	0	357	2,0	
Monterey																			
Partyboat.....	54	0	e	283	0	e	121	170	e	968	2,903	e	630	133	e	856	9	e	
Skip....	65	0	e	360	0	e	155	224	e	1,236	3,709	e	856	147	e	1,069	55	e	
Statewide																			
Partyboat.....	4,024	0	b	12,415	0	0.4	5,671	2,125	1.1	4,420	7,313	0.9	4,619	8,881	1.5	7,407	4,503	0.7	
Skip....	309	0	b	1,049	0	0.1	588	224	1.2	1,492	3,902	0.8	1,216	816	1.5	3,209	16,269	0.9	

FISH RELEASE RATE

TABLE II

California Ocean Recreational Salmon Landings and Success by Fishery, Port, Month and Species, in Numbers of Fish—1967

APPENDIX A

TABLE II—Continued

California Ocean Recreational Salmon Landings and Success * by Fishery, Port, Month and Species, in Numbers of Fish—1967

	August			September			October			November			Season		
	King	Silver	Fish /Day	King	Silver	Fish /Day	King	Silver	Fish /Day	King	Silver	Fish /Day	King	Silver	Fish /Day
Crescent City Partyboat.....	55	202	0.9	0	0	..	0	0	..	0	0	..	108	625	0.9
Partyboat.....	203	1,805	0.8	7	10	0.1	0	0	..	0	0	..	562	4,296	0.8
Eureka Partyboat.....	313	534	0.5	12	15	0.2	0	7	*	0	3	*	777	1,714	0.6
Skiff.....	899	2,140	0.5	5	65	0.1	0	0	..	0	2,588	11,216	0.7
Fort Bragg Partyboat.....	769	225	0.5	197	51	0.3	0	4	*	0	0	..	1,119	1,571	0.6
Skiff.....	741	600	0.3	218	190	0.1	0	226	0.4	0	0	..	1,459	4,801	0.4
San Francisco Partyboat.....	6,735	68	0.7	7,342	1	0.8	5,196	2	0.4	1,296	0	0.5	55,526	16,891	0.8
Skiff.....	391	0	0.5	421	0	0.3	300	0	0.2	73	0	0.5	2,977	1,099	0.9
Monterey Partyboat.....	357	4	*	50	0	*	25	0	*	24	0	*	3,388	3,227	*
Skiff.....	455	5	*	63	0	*	31	0	*	8	0	*	4,262	4,140	*
Statewide Partyboat.....	8,220	1,123	0.7	7,601	67	0.8	5,221	13	0.4	1,320	3	0.5	60,918	21,028	0.8
Skiff.....	2,652	4,550	0.5	714	265	0.2	551	226	0.3	81	0	0.5	11,645	26,232	0.7

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

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TABLE II
California Ocean Recreational Salmon Landings and Success by Fishery, Port, Month and Species, in Numbers of Fish—1967