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### Title

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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  
*RICHARD F. G. HEIMANN and HERBERT W. FREY*  
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
	4.5 pounds per gallon
Crab, shore	.013 pound per dozen
Mudsucker	.465 pound per dozen
Mussel	80 pounds per sack
Sculpin, staghorn	.465 pound per dozen
Shrimp, ghost	.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
<b>FISHES</b>			
Anchovy	<i>Engraulis mordax</i>	Sea bass, giant	<i>Stereolepis gigas</i>
Barracuda, California	<i>Sphyracna 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>Isurus oyrinchus</i>
Bonito, Pacific	<i>Sarda chilensis</i>	Leopard	<i>Triakis semifasciata</i>
Cabezon	<i>Scorpaenichthys marmoratus</i>	Pacific angel	<i>Squatina californica</i>
Cabrilla, spotted	<i>Epinephelus analogus</i>	Souppin	<i>Galeorhinus zyopterus</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 others	
Queenfish	<i>Scorpaenopsis</i>	Sheephead, California	<i>Pimelotopon pulchrum</i>
Dolphinfish	<i>Coryphaena hippurus</i>	Skate	
Eel		Bat ray	<i>Myliobatis californicus</i>
California moray	<i>Gymnothorax mordax</i>	Big skate	<i>Raja binoculata</i>
Wolf	<i>Anarrhichthys ocellatus</i>	California skate	<i>Raja inornata</i>
Flounder		Longnose skate	<i>Raja rhina</i>
Arrowtooth	<i>Atheresthes stomias</i>	Shovelnose guitarfish	<i>Rhinobatos productus</i>
Starry	<i>Platichthys stellatus</i>	Small amounts of others	
Other flatfishes		Smelt	
Flyingfish	<i>Cypselurus</i> spp.	Eulachon	<i>Thaleichthys pacificus</i>
Grouper	<i>Mycteroperca</i> spp.	Jacksmelt	<i>Atherinopsis californiensis</i>
Hake, Pacific	<i>Merluccius productus</i>	Nightsmelt	<i>Spirinchus starksi</i>
Halfmoon	<i>Meialuna californiensis</i>	Surf	<i>Hypomesus pretiosus</i>
Halibut		Smelt, whitebait	<i>Allosmerus elongatus</i>
California	<i>Paralichthys californicus</i>		<i>Spirinchus starksi</i>
Pacific	<i>Hippoglossus stenolepis</i>		Young of several others
Hardhead		Sole	
Sacramento blackfish	<i>Orthodon microlepidotus</i>	Dover	<i>Microstomus pacificus</i>
Hardhead	<i>Mylopharodon conocephalus</i>	English	<i>Parophrys retulus</i>
Herring, Pacific	<i>Clupea pallasii</i>	Petrale	<i>Eopsetta jordani</i>
Hitch	<i>Lavinia exilicauda</i>	Rex	<i>Glyptocephalus zachirus</i>
Lingcod	<i>Ophiodon elongatus</i>	Sand	<i>Pedditichthys melanostictus</i>
Mackerel		Small amounts of others	
Bullet	<i>Auzis thazard</i>	Swordfish	<i>Xiphias gladius</i>
Jack	<i>Trachurus symmetricus</i>	Tuna	
Pacific	<i>Scomber japonicus</i>	Albacore	<i>Thunnus alalunga</i>
Mudsucker, longjaw	<i>Gillichthys mirabilis</i>	Bigeye	<i>Thunnus obesus</i>
Opaleye	<i>Girella nigricans</i>	Bluefin	<i>Thunnus thynnus</i>
Perch	Member of family Embiotocidae	Skipjack	<i>Katsuwonus pelamis</i>
Pompano, Pacific	<i>Peprilus simillimus</i>	Yellowfin	<i>Thunnus albacares</i>
Rockfish	All species of <i>Sebastes</i> and <i>Sebastes</i>	Turbot	
Sablefish	<i>Sebastes</i>	Curlfin	<i>Pleuronichthys decurrens</i>
Salmon	<i>Anoplopoma fimbria</i>	Diamond	<i>Hypsopsetta guttulata</i>
King	<i>Oncorhynchus tshawytscha</i>	Hornyhead	<i>Pleuronichthys verticalis</i>
Pink	<i>Oncorhynchus gorbuscha</i>	Small amounts of others	
Silver	<i>Oncorhynchus kisutch</i>	Wahoo	<i>Acanthocybium solanderi</i>
Sanddab	<i>Citharusichthys sordidus</i>	Whitefish, ocean	<i>Caulolatilus princeps</i>
Sardine	<i>Sardinops caeruleus</i>	Yellowtail, California	<i>Seriola dorsalis</i>
Sargo	<i>Anisotremus davidsoni</i>		
Sculpin	<i>Scorpaena guttata</i>		
Sculpin, Pacific Staghorn	<i>Leptocottus armatus</i>		
<b>CRUSTACEANS</b>			
Crab		Prawn	
Market	<i>Cancer magister</i>	Spot	<i>Pandalus platyceros</i>
Rock	<i>Cancer productus</i>	Ridgeback	<i>Eusicyonia ingentis</i>
Cancer	<i>Cancer adansoni</i>	Shrimp	
Cancer	<i>Cancer anthonyi</i>	Bay	<i>Crangon franciscorum</i>
Sand	<i>Emirita analoga</i>	Ghost	<i>Callinassa californiensis</i>
Shore	<i>Hemigrapsus oregonensis</i>	Ocean	<i>Pandalus jordani</i>
Lobster, spiny	<i>Pachygrapsus crassipes</i>	Red	<i>Hippolytina californica</i>
	<i>Panulirus interruptus</i>		
<b>MOLLUSKS</b>			
Abalone		Mussel	
Black	<i>Haliotis cracherodii</i>	Bay	<i>Mytilus edulis</i>
Green	<i>Haliotis fulgens</i>	Rock	<i>Mytilus californianus</i>
Pink	<i>Haliotis corrugata</i>	Octopus	<i>Octopus</i> spp.
Red	<i>Haliotis rufescens</i>	Oyster	
White	<i>Haliotis 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>		

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

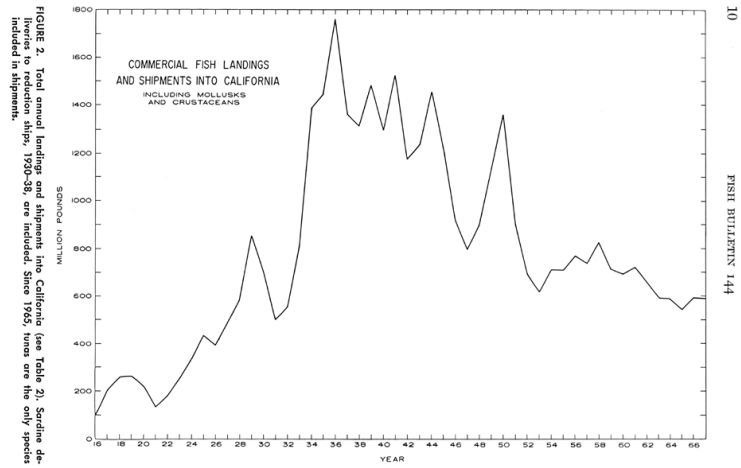


FIGURE 2. Total annual landings and shipments into California (see Table 2). Sardine deliveries to reduction ships, 1930–38, are included. Since 1965, tunas are the only species included in shipments

**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
<b>Totals</b>		<b>591,533</b>	<b>\$87,299</b>	<b>Totals</b>		<b>589,028</b>	<b>\$71,448</b>

\* 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
<b>Totals.....</b>	<b>9,357</b>	<b>9,823</b>

\* April 1 to March 31.

*TABLE 4*  
*Number of Licensed Commercial Fishermen*

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

License year*	Up to 24 feet	25 to 39 feet	40 to 64 feet	65 to 84 feet	85 to 99 feet	100 feet and over	Total
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	
<b>Oregon, Washington, Canada and Alaska:</b>			
Tuna, albacore.....	11,056,956	----	11,056,956
Tuna, bigeye.....	334	----	334
<b>South America:</b>			
Tuna, skipjack.....	3,064,284	----	3,064,284
Tuna, yellowfin.....	2,108,237	----	2,108,237
<b>Japan:</b>			
Tuna, albacore.....	23,736,238	4,221,674	27,957,912
Tuna, bigeye.....	225,515	----	225,515
Tuna, skipjack.....	189,809	----	189,809
Tuna, yellowfin.....	16,388,382	2,155,708	18,544,090
<b>China (Formosa):</b>			
Tuna, albacore.....	75,950	----	75,950
Tuna, bigeye.....	3,805	----	3,805
Tuna, yellowfin.....	683,765	150,509	834,274
<b>Malaya:</b>			
Tuna, albacore.....	8,594,116	735,986	9,330,102
Tuna, bigeye.....	106,036	----	106,036
Tuna, yellowfin.....	3,549,031	113,065	3,662,126
<b>Philippines:</b>			
Tuna, yellowfin.....	711,046	----	711,046
<b>South Pacific Islands:</b>			
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
<b>Total pounds.....</b>	<b>75,570,197</b>	<b>9,564,282</b>	<b>85,134,479</b>

\* 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		
<b>Fish:</b>						
Anchovy.....	69,609,377	----	----	69,609,377	----	69,609,377
Barracuda, California.....	281,224	----	31,960	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
Croaker, 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.....	824,919	----	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
Opaleye.....	17,298	----	----	17,298	----	17,298
Perch.....	201,728	----	785	202,513	----	202,513
Pompano, Pacific.....	111,593	----	----	111,593	----	111,593
Rockfish.....	9,580,787	57,665	151,499	9,798,951	----	9,798,951
Sablefish.....	3,768,959	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.....	807,588	----	715,171	1,222,759	----	1,222,759
Shark.....	586,249	----	10,649	596,898	----	596,898
Sheephead, 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	400,556	----	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	----	1,600	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	150,668	----	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			Total pounds	Tuna shipments*	Grand total
	California waters	Waters north of State	Waters south of State			
<b>Crustacean:</b>						
Crab, market.....	11,716,488	----	----	11,716,488	----	11,716,488
Crab, rock.....	324,386	----	----	324,386	----	324,386
Lobster, spiny.....	449,884	----	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	4,060	----	1,412,513	----	1,412,513
<b>Mollusk:</b>						
Ahalone.....	4,421,581	----	----	4,421,581	----	4,421,581
Clam, unclassified.....	2,532	----	----	2,532	----	2,532
Octopus.....	9,194	----	----	9,194	----	9,194
Oyster, eastern.....	12,710	----	----	12,710	----	12,710
Oyster, giant Pacific.....	729,431	----	----	729,431	----	729,431
Squid.....	19,601,922	----	----	19,601,922	----	19,601,922
<b>Total pounds.....</b>	<b>231,364,284</b>	<b>3,140,551</b>	<b>269,388,347</b>	<b>503,893,182</b>	<b>85,134,479</b>	<b>589,027,661</b>

\* 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
<b>LANDINGS:</b>													
<b>Fish:</b>													
Anchovy.....	22,780,040	14,005,110	12,013,114	6,311,405	325,195	298,670	283,170	792,205	729,150	5,606,709	2,503,350	3,658,160	69,609,377
Barracuda, California.....	3,194	578	1,011	9,262	113,279	12,682	25,351	10,325	4,805	12,627	9,063	3,097	312,184
Blackmouth.....	1,060,722	532,017	378,332	868	7,830	9,818	41,591	1,677,776	11,592,308	4,233,012	824,004	140,779	212,176
Bonito, Pacific.....	915	930	517	781	121	273	537	922	592	943	3,386	5,517	14,281
Cabezon.....	55,175	67,236	73,560	12,058	10,275	6,100	1,700	2,100	2,000	7,550	25,600	85,250	318,531
Carp.....	77,290	76,888	30,527	24,988	43,405	29,636	29,915	21,813	35,229	40,049	53,293	33,422	896,417
Craker, white.....	78,776	156,865	70,549	42,422	24,246	9,056	31,686	71,883	123,243	158,829	53,514	46,986	870,707
Flounder.....	196	2,455	450	430	185	185	225	75	1,230	....	85	620	6,041
Flounder, arrowtooth.....	....	....	....	....	6,135	9,165	14,588	16,310	446	....	....	....	46,644
Flyingfish.....	36,580	11,322	13,795	....	....	289	2,812	455	1,800	22,680	31,455	65,901	190,190
Hake, Pacific.....	183	158	1,097	40	725	11,795	1,100	760	....	....	....	....	14,430
Hallibut.....	76,218	133,860	98,403	64,708	50,038	68,539	89,062	78,536	27,588	40,778	44,520	60,489	838,058
Hallibut, California.....	....	....	....	....	....	....	....	....	....	....	....	....	....
Hallibut, Pacific.....	....	....	....	....	....	....	....	....	....	....	....	....	....
Hardhead.....	55,242	46,816	52,445	3,433	68	....	....	....	....	12,750	14,720	33,130	218,604
Herring, Pacific.....	7,025	9,072	3,109	187	112,725	43,570	17,460	75,850	800	190	2,000	....	271,002
Hitch.....	11,985	1,674	580	....	....	....	....	....	....	....	....	....	13,317
Lingcod.....	31,840	64,520	22,233	40,502	70,806	130,967	147,164	145,268	32,744	89,747	66,007	36,151	808,555
Mackerel.....	....	....	....	....	....	....	....	....	....	....	....	....	13,800
Mackerel, jack.....	970,883	3,896,887	4,261,211	4,508,728	5,112,720	8,270,349	2,131,553	3,426,357	605,051	884,073	1,088,540	2,934,285	38,180,547
Mackerel, Pacific.....	56,139	125,685	33,429	5,170	28,157	56,381	56,615	178,650	81,226	100,563	242,801	204,791	1,166,607
Ovalopy.....	177	21	209	....	3,668	4,547	4,062	1,302	603	1,749	562	325	17,208
Perch.....	10,857	19,886	25,628	51,117	1,858	5,320	16,468	23,661	12,218	13,121	18,042	10,637	292,513
Pogonias, Pacific.....	682	1,797	1,369	747	10,597	17,407	5,206	5,992	22,990	10,150	9,779	22,581	111,593
Rockfish.....	388,579	1,141,665	680,909	824,207	824,632	1,214,267	608,629	929,288	680,502	709,156	719,613	557,092	9,798,951
Sablefish.....	302,913	472,458	246,387	292,483	218,229	248,856	162,415	233,698	282,977	621,045	621,001	197,478	3,798,493
Salmon.....	36,757	58,263	35,756	41,360	51,100	82,849	79,273	108,495	49,576	75,880	40,745	16,519	749,729
Sardine.....	34,190	17,065	9,490	11,845	37,040	13,002	4,414	880	2,240	10,909	6,987	701	148,766
Sculpin.....	9,401	12,745	2,891	1,816	3,261	20,894	14,943	10,698	160	706	3,589	1,489	82,556
Sea bass, giant.....	21,428	23,980	9,447	4,966	27,313	8,576	35,131	18,305	16,760	22,392	27,634	14,322	230,911
Sea bass, white.....	100,040	123,262	41,255	44,435	203,988	73,756	612,349	129,390	82,302	95,663	105,594	135,865	1,222,759
Shark.....	37,399	32,798	24,424	29,832	56,892	84,911	103,099	53,683	30,289	45,421	51,456	56,513	566,898
Sheepshead, California.....	689	353	640	2,699	1,785	1,688	1,125	2,883	266	4,309	2,881	115	19,628
Skate.....	20,038	22,927	14,068	24,656	13,312	17,645	19,205	18,803	8,868	10,350	11,774	15,175	196,751
Smelt.....	32,574	8,903	30,885	54,225	30,171	53,358	97,499	103,538	76,910	25,881	65,299	15,297	501,975
Squid, whiteback.....	1,245	8,699	13,266	63,986	62,024	30,806	11,113	7,647	888	....	....	....	199,694
Sole, Dover.....	224,477	309,705	361,685	270,110	539,053	1,053,780	1,097,977	1,266,529	770,353	798,753	388,676	55,019	7,215,037
Sole, English.....	550,668	1,046,973	298,467	320,543	398,121	391,286	316,786	492,142	829,087	770,907	397,614	397,683	5,821,069

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TABLE 8  
Monthly Landings and Shipments Into California During 1967

Sole, patrol.....	319,973	299,842	159,821	186,677	220,661	286,672	232,280	227,528	262,811	259,457	125,156	106,251	2,706,537
Sole, rex.....	165,278	205,686	92,338	91,431	140,162	146,401	110,011	176,693	168,288	238,140	152,935	71,762	1,769,038
Sole, sand.....	43,429	32,774	39,122	21,230	9,242	2,290	25,245	22,751	18,832	22,461	25,026	20,015	305,897
Sole, miscellaneous.....	2,194	6,582	2,659	1,378	1,988	2,553	3,821	3,468	1,739	1,256	282	1,135	31,712
Swordfish.....	.....	.....	.....	.....	.....	.....	935	26,846	81,211	148,990	43,833	259	300,067
<b>Tuna, albacore.....</b>	.....	.....	.....	.....	.....	.....	1,149,276	2,025,128	10,106,581	3,763,779	791,671	18,482	17,852,925
Tuna, bigeye.....	5,398	1,000	.....	.....	.....	.....	4,102	4,423	.....	625,297	296,967	201,790	1,114,428
Tuna, bluefin.....	.....	26,570	8,565	1,691	775	1,156,422	8,612,221	2,307,739	1,362,985	32,711	5,552	.....	13,738,965
Tuna, skipjack.....	3,897,141	2,073,688	5,336,161	4,177,919	7,251,796	13,146,073	11,706,629	11,911,514	18,814,399	15,858,993	13,082,568	8,897,695	110,975,301
Tuna, yellowfin.....	1,121,437	9,540,586	21,009,673	19,913,232	31,156,506	29,569,062	11,131,411	6,876,078	2,932,729	1,496,067	1,942,075	625,143	10,456,053
<b>Turbot.....</b>	3,610	4,200	10,020	5,965	5,396	3,487	7,425	8,810	5,290	7,983	5,930	5,997	72,853
Walrus.....	.....	.....	.....	.....	889	.....	.....	122	.....	.....	.....	.....	982
Whitefish, ocean.....	105	7	.....	.....	60	265	.....	215	.....	.....	.....	.....	1,050
Yellowtail, California.....	20,443	18,187	8,791	12,413	808	2,896	4,379	3,358	2,429	9,376	23,725	43,693	156,968
Miscellaneous.....	15	95	.....	20	481	927	48	77	.....	463	1	.....	2,222
Miscellaneous (animal food).....	296,289	129,126	98,681	105,079	231,512	401,991	383,850	268,200	255,155	22,111	170,735	21,983	3,596,118
<b>Crustacean:</b>	2,317,209	2,562,156	1,512,741	705,262	553,426	46,331	1,332	.....	.....	566,693	3,121,818	11,218,188	.....
Crab, market.....	31,282	32,911	16,944	13,758	17,043	29,873	26,170	19,071	26,182	28,707	51,931	25,142	32,386
Crab, rock.....	60,558	45,301	35,492	.....	.....	.....	.....	.....	.....	129,717	111,339	66,172	449,884
Leister, spiny.....	325	1,212	60	.....	.....	.....	.....	.....	.....	.....	.....	993	2,669
Prawn, spid.....	.....	.....	423	.....	.....	.....	.....	.....	.....	.....	.....	.....	423
Prawn, ridgeback.....	.....	.....	.....	.....	888	431,435	911,800	63,399	.....	.....	.....	.....	19,771
Shrimp, bay.....	.....	.....	.....	.....	.....	.....	8,175	5,150	1,073	2,925	1,758	360	.....
Shrimp, ocean.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,412,513
<b>Mollusk:</b>	377,591	.....	196,117	395,689	537,158	427,436	467,399	412,126	414,791	458,498	397,677	396,955	4,121,581
Clam, unclassified.....	232	841	585	512	98	.....	.....	.....	.....	.....	299	52	2,532
Octopus.....	738	1,990	623	817	776	707	571	673	485	565	750	841	3,194
Oyster, eastern.....	800	1,023	1,135	946	912	523	697	929	1,410	1,618	1,135	1,281	12,710
Oyster, giant Pacific.....	27,885	71,861	91,714	162,562	72,684	22,036	14,407	25,516	15,291	83,983	103,579	98,167	725,433
Squid.....	662,673	2,568,496	1,913,765	545,410	3,012,870	5,535,014	2,097,192	706,065	475,289	99,050	611,153	1,375,009	19,691,922
<b>Total pounds.....</b>	37,460,012	30,063,874	49,359,461	39,936,496	53,091,918	65,426,112	52,991,569	45,123,186	41,913,821	34,383,037	23,156,837	18,981,848	503,803,182
<b>SHIPMENTS:<sup>a</sup></b>													
<b>Fish:</b>													
Tuna, albacore.....	4,308,782	2,951,116	4,349,138	1,545,472	1,405,771	3,311,750	2,538,789	11,353,583	10,011,093	5,849,402	4,316,868	1,945,145	53,889,792
Tuna, bigeye.....	35,379	59,900	40,149	.....	39,281	35,199	125,475	11,380	.....	.....	.....	.....	346,736
Tuna, skipjack.....	247,355	.....	119,800	.....	1,723,130	743,169	93,168	1,029,977	.....	.....	.....	.....	6,092,499
Tuna, yellowfin.....	6,943,738	1,877,154	2,718,253	523,856	3,650,409	2,944,115	99,325	1,359,150	1,502,679	616,948	1,659,882	4,890,947	26,895,482
<b>Total pounds.....</b>	10,635,465	4,888,170	7,227,333	2,071,328	6,867,591	6,134,227	2,853,758	13,753,792	11,516,685	6,466,350	5,967,699	6,752,999	85,134,479
<b>Grand total.....</b>	<b>48,095,477</b>	<b>44,952,044</b>	<b>56,586,797</b>	<b>42,007,824</b>	<b>59,962,509</b>	<b>71,559,339</b>	<b>55,845,327</b>	<b>58,876,978</b>	<b>53,430,514</b>	<b>40,851,387</b>	<b>31,124,927</b>	<b>25,733,933</b>	<b>599,027,661</b>

<sup>a</sup> For origin of shipments refer to Table 6. Beginning in 1955 only tuna shipments are recorded.

MARINE FISH CATCH FOR 1967

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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
<b>LANDINGS FROM:</b>													
<b>California waters:</b>													
<b>Fish:</b>													
Kouito, Pacific.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	622	.....	622
Cabezon.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8
Flounder.....	1,416	26,627	839	5,248	4,171	3,832	9,388	9,143	90,859	113,121	23,992	27,287	315,123
Flounder, arrowtooth.....	196	1,560	362	430	.....	188	109	.....	1,015	.....	85	.....	4,556
Hake, Pacific.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	790	.....	.....	790
Halibut, Pacific.....	.....	.....	.....	.....	20	.....	104	374	.....	.....	.....	.....	498
Lingcod.....	5,291	36,719	5,551	26,185	52,747	87,093	86,984	99,713	58,618	59,101	42,460	13,024	576,810
Mackerel, jack.....	.....	.....	.....	.....	.....	.....	.....	.....	539	.....	.....	.....	539
Peech.....	1,963	5,020	5,248	18,191	26	.....	8,372	16,731	5,438	3,694	5,694	1,000	65,147
Rockfish.....	66,298	363,323	145,796	89,274	141,016	256,117	246,907	246,367	230,215	260,877	209,114	96,014	2,369,540
Sablefish.....	196,800	302,268	100,633	198,175	89,745	140,137	83,612	69,109	177,842	462,622	371,249	108,681	2,271,063
Salmon.....	.....	.....	.....	390,714	1,018,823	931,679	2,077,394	839,633	72,870	.....	.....	.....	4,387,012
Sanddab.....	2,716	12,834	3,126	5,910	18,712	21,456	31,292	61,268	13,890	31,269	10,531	3,859	201,546
Shark.....	.....	.....	.....	.....	.....	.....	.....	188	.....	.....	.....	.....	1,947
Shake.....	.....	.....	.....	.....	4,760	.....	3,180	.....	.....	.....	.....	.....	7,939
Snout.....	.....	174	227	36,239	7,103	29,883	56,009	76,619	57,264	1,060	.....	.....	287,610
Snout, whitefish.....	45	8,229	11,649	69,257	67,763	28,961	11,093	7,047	.....	.....	.....	.....	187,242
Sole, Dover.....	186,341	176,774	231,096	107,145	360,298	759,379	927,148	1,199,207	831,641	638,658	281,204	54,999	5,402,184
Sole, English.....	147,034	691,560	83,098	119,156	245,122	174,064	148,867	233,513	391,771	866,243	168,796	94,279	3,990,745
Sole, petrale.....	216,209	163,375	43,983	76,912	111,767	150,387	97,224	166,212	152,049	204,005	93,347	64,977	1,542,449
Sole, rex.....	93,336	108,849	44,621	51,799	101,580	116,869	87,123	121,788	101,829	190,238	104,371	43,363	1,165,323
Sole, sand.....	.....	142	160	120	.....	120	123	1,336	700	182	66	.....	3,131
Sole, miscellaneous.....	.....	.....	.....	.....	31	17	8	2	.....	.....	.....	.....	85
Tuna, albacore.....	.....	.....	.....	.....	.....	.....	.....	.....	13,869	312,883	170	.....	4,883,927
Turbot.....	.....	.....	189	390	.....	.....	.....	.....	2,995	.....	100	40	3,875
Miscellaneous.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	182
Miscellaneous (animal food).....	23,004	22,756	13,366	19,999	174,743	303,106	226,290	218,784	173,465	196,103	152,701	17,460	1,541,970

FISH BULLETIN 144

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



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
<b>LANDINGS FROM:</b>													
<b>California waters:</b>													
<b>Fish:</b>													
Anchovy.....	.....	.....	.....	.....	15,035	960	4,000	4,000	4,880	1,004	5,220	.....	35,099
Bonito, Pacific.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	546	.....	.....	546
Calappa.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Carp.....	55,175	67,225	71,560	12,055	10,275	5,500	1,700	2,100	2,800	7,550	25,600	.....	318,511
Croaker, white.....	513	440	1,054	722	983	1,600	570	3,508	3,849	4,502	2,229	.....	19,780
Flounder.....	68,719	110,463	58,361	23,032	12,802	3,795	16,306	47,970	23,284	40,607	24,434	10,365	440,328
Flounder, arrowtooth.....	.....	805	185	.....	.....	.....	125	75	205	.....	.....	.....	1,485
Hake, Pacific.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hake, California.....	42,820	49,826	18,133	17,092	5,612	4,065	26,112	18,127	9,216	26,472	21,838	25,419	294,969
Hardhead.....	58,242	46,916	32,448	3,433	68	.....	.....	.....	.....	12,790	14,230	.....	218,604
Herring, Pacific.....	7,055	9,075	3,650	187	.....	.....	.....	.....	.....	.....	1,600	.....	20,667
Hitch.....	11,063	1,675	580	.....	.....	.....	.....	.....	.....	.....	.....	.....	13,317
Lingcod.....	12,550	17,272	9,393	10,183	12,030	21,473	30,015	23,602	17,981	19,047	12,565	14,053	210,788
Mackerel, jack.....	.....	.....	.....	.....	.....	.....	70	85	.....	.....	55	.....	210
Perch.....	712	1,264	5,657	6,240	18	.....	140	1,259	1,791	1,844	3,175	.....	13,962
Pompano, Pacific.....	.....	.....	.....	.....	.....	84	.....	.....	.....	.....	.....	.....	84
Rockfish.....	95,606	230,604	65,113	79,438	54,018	41,999	48,111	20,238	43,906	73,507	45,588	42,210	887,448
Sablefish.....	38,820	96,244	32,715	30,155	33,444	42,872	22,460	65,153	33,632	45,460	27,829	7,605	474,786
Salmon.....	.....	.....	136,820	333,096	727,198	437,888	55,799	85,932	.....	.....	.....	.....	1,701,230
Sanddab.....	11,653	19,016	16,290	29,365	23,515	35,235	23,751	26,440	16,105	27,412	18,207	7,205	255,614
Seabass, white.....	.....	90	.....	.....	66	.....	.....	.....	.....	.....	.....	.....	65
Shark.....	6,167	5,233	8,243	3,292	1,940	3,023	7,797	3,914	2,738	14,220	18,260	13,987	84,653
Slate.....	9,200	9,390	5,900	12,200	4,600	4,500	5,200	5,400	3,400	7,000	8,000	7,900	82,500
Snail.....	8,725	2,020	8,180	14,044	13,606	12,195	5,415	2,315	2,692	1,066	242	.....	70,813
Snout, whitefish.....	1,200	469	1,747	4,720	2,261	2,035	20	.....	.....	.....	.....	.....	12,482
Sole, Dover.....	37,608	128,971	80,578	170,010	162,050	223,070	68,723	183,886	94,905	85,811	67,643	.....	1,302,445
Sole, English.....	314,197	234,924	110,705	113,015	85,815	135,849	116,531	137,573	128,801	184,534	172,268	.....	1,571,860
Sole, petrale.....	9,010	94,587	71,075	66,415	49,980	73,205	79,531	92,483	82,940	36,983	11,719	.....	556,014
Sole, rex.....	35,227	56,459	33,930	33,820	29,632	20,684	17,150	30,840	20,405	25,701	26,118	.....	344,247
Sole, sand.....	23,560	23,124	19,700	15,985	4,925	4,900	27,310	19,005	17,325	22,230	22,410	.....	214,586
Sole, miscellaneous.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	35	.....	35
Tuna, albacore.....	.....	.....	.....	.....	.....	.....	.....	6,779	1,386,987	115,973	6,281	.....	1,516,020
Turbot.....	3,610	4,200	9,500	5,575	3,680	2,555	7,425	5,315	4,125	6,937	5,885	4,025	69,532
Miscellaneous.....	.....	.....	.....	.....	10	.....	.....	.....	.....	.....	.....	.....	10

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



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
<b>LANDINGS FROM:</b>													
<b>California waters:</b>													
<b>Fish:</b>													
Anchovy.....	3,115,980	503,760	987,500	968,150	6,800	1,800	3,250	460,800	531,594	4,680,950	1,918,500	3,574,500	16,753,584
Bonito, Pacific.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cabovero.....	82	165	.....	151	.....	.....	.....	.....	.....	.....	.....	.....	.....
Croaker, white.....	16,042	12,764	6,182	2,455	10,825	12,893	11,144	12,215	20,772	19,640	17,656	17,802	169,490
Flounder.....	6,027	11,280	4,934	10,294	4,907	1,843	5,824	13,563	4,109	2,569	4,980	.....	8,923
Hake, Pacific.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hallibut, California.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Herring, Pacific.....	1,587	7,413	5,630	7,260	1,889	2,880	27,090	22,160	5,222	2,684	6,183	10,834	160,622
Lingcod.....	7,018	5,631	5,139	1,438	2,718	15,254	11,246	7,633	3,402	7,088	6,664	5,635	80,296
Mackerel, jack.....	.....	.....	3,190	825	114,865	765	24,460	167,619	38,348	178,315	351,825	35,170	954,782
Perch.....	80	778	6,314	17,967	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pompano, Pacific.....	92	172	24	204	10,405	16,500	2,623	6,125	19,877	5,388	47	.....	.....
Rockfish.....	147,847	176,279	258,620	218,665	361,075	213,694	290,911	208,209	165,044	167,738	120,988	1,547,229	2,547,229
Sablefish.....	96,033	103,696	81,188	125,132	92,392	65,670	34,286	97,470	65,845	106,868	120,327	81,192	1,051,201
Salmon.....	.....	.....	.....	12,226	66,390	105,013	36,601	16,374	6,178	.....	.....	.....	242,882
Sardines.....	21,940	26,425	16,340	16,265	13,729	26,512	23,471	29,716	19,351	16,929	11,995	5,372	227,545
Sardine.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Seabass, white.....	32	67	37	.....	127	28	523	1,013	11,544	63,055	273	830	67,581
Shark.....	6,815	10,728	1,486	1,729	2,812	4,150	8,351	4,964	2,500	2,110	12,975	13,247	71,167
Skate.....	10,685	13,037	7,855	11,980	8,690	8,295	10,723	13,280	5,468	3,230	3,433	6,517	163,413
Smelt.....	13,485	1,779	4,014	3,323	4,907	1,805	3,680	4,944	6,364	1,305	179	500	46,545
Sole, Dover.....	325	3,880	.....	1,155	5,305	21,645	22,335	18,715	7,160	.....	7,466	40	88,516
Sole, English.....	41,533	38,988	46,320	32,664	35,745	44,312	20,118	72,423	50,625	42,520	37,899	17,860	467,539
Sole, petrale.....	10,208	22,140	26,639	24,272	13,845	24,615	11,555	32,550	16,777	11,688	10,925	3,180	208,975
Sole, rock.....	26,110	27,566	7,138	5,740	5,690	4,825	2,982	11,158	16,230	16,718	15,355	8,665	147,265
Sole, sand.....	555	2,370	1,560	3,875	1,610	1,165	560	265	115	115	1,845	4,010	18,215
Sole, miscellaneous.....	872	2,320	789	1,275	354	25	171	1,844	592	327	58	.....	6,686
Swordfish.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tuna, albacore.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tuna, skipjack.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Turbot.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Miscellaneous.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

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





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
<b>LANDINGS FROM:</b>													
<b>California waters:</b>													
<b>Fish:</b>													
Anchovy.....	3,870,750	1,818,500	966,750	2,700	9,800	11,000	8,800	12,600	5,600	1,067,905	481,765	2,325	8,280,185
Barracuda, California.....	.....	.....	111	.....	.....	.....	.....	.....	1,260	.....	.....	.....	250
Bonito, Pacific.....	72,561	9,483	80	155	.....	.....	1,271	6,494	34,243	28,939	81,979	2,861	238,041
Cabezon.....	533	645	417	630	721	273	258	410	351	373	464	.....	1,687
Croaker, white.....	117	.....	.....	.....	.....	.....	20	875	106	.....	.....	.....	1,213
Flounder.....	2,614	8,499	7,666	3,888	2,466	180	68	645	566	146	188	311	27,210
Hake, Pacific.....	.....	.....	.....	40	.....	9,975	10	.....	.....	.....	.....	.....	10,025
Hake, California.....	22,803	61,134	62,612	20,561	20,888	42,652	19,622	28,626	7,462	1,181	6,645	12,248	304,867
Lingcod.....	3,880	4,704	1,741	2,616	3,200	5,208	7,948	9,517	4,835	4,008	2,534	3,096	53,217
Mackerel, jack.....	42,290	546,190	1,134,653	1,438,958	185,740	137,625	180,130	57,970	.....	.....	13,000	285,740	4,017,235
Mackerel, Pacific.....	.....	.....	.....	.....	.....	.....	.....	400	6,300	.....	.....	.....	6,700
Perch.....	3,584	4,810	3,487	4,643	24	78	2,448	4,608	1,916	2,305	3,320	3,380	34,093
Pompano, Pacific.....	.....	471	244	.....	.....	.....	.....	.....	.....	.....	.....	.....	715
Rockfish.....	150,110	217,255	185,265	309,724	256,084	458,275	314,502	302,789	144,759	111,911	253,135	191,632	2,894,571
Sablefish.....	.....	250	50	.....	.....	.....	415	330	.....	.....	.....	.....	1,610
Salmon.....	.....	.....	.....	1,032	13,753	49,830	23,986	2,863	16,376	.....	.....	.....	107,560
Seafood.....	175	.....	.....	120	184	.....	655	22	.....	.....	.....	.....	1,189
Sardine.....	.....	7,000	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7,000
Sea bass, giant.....	.....	22	47	.....	357	181	583	.....	82	.....	.....	.....	1,609
Sea bass, white.....	21,424	4,189	708	4,408	3,130	2,231	1,700	11,019	13,343	9,895	18,007	22,270	122,414
Shark.....	5,005	4,783	5,650	2,718	26,031	45,798	46,168	22,835	6,321	3,950	10,008	10,972	160,338
Sheepshead, California.....	.....	9	142	85	96	31	14	729	.....	.....	.....	.....	1,019
Skate.....	153	530	213	476	22	.....	25	.....	.....	.....	341	858	2,618
Sole, Dover.....	.....	80	140	.....	2,310	2,305	6,345	4,833	3,263	750	.....	.....	21,586
Sole, English.....	56,899	84,666	39,813	35,708	33,439	28,433	19,887	14,061	15,298	33,448	29,528	18,303	378,879
Sole, petrale.....	1,756	7,740	7,032	18,978	45,369	37,400	43,560	30,261	16,323	7,881	6,409	2,887	225,616
Sole, rock.....	11,205	12,702	4,982	3,415	4,240	3,217	6,120	8,415	24,466	3,249	7,211	4,294	63,886
Sole, sand.....	20,314	26,828	9,022	4,250	2,707	905	230	1,245	.....	194	385	2,680	69,670
Sole, miscellaneous.....	1,212	4,352	1,664	487	446	.....	389	227	289	91	12	76	9,961
Sturgeon.....	.....	.....	.....	.....	.....	143	2,239	8,654	55,839	28,652	.....	.....	85,567
Tuna, albacore.....	.....	.....	.....	.....	.....	.....	21,829	365,242	1,892,276	518,497	28,153	.....	2,825,867
Turbot.....	.....	.....	.....	.....	1,880	932	.....	.....	860	.....	5	.....	1,672
Yellowtail, California.....	.....	.....	.....	.....	7	.....	.....	.....	.....	.....	.....	.....	141
Miscellaneous (animal food).....	183,283	106,670	81,665	86,010	56,769	97,248	156,560	116,880	55,408	25,765	8,431	3,563	984,326

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TABLE 12  
Monthly Landings of Commercial Fishing Boats in the Santa Barbara Area During 1967



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
<b>LANDINGS FROM:</b>													
<b>California waters:</b>													
<b>Fish:</b>													
Anchovy.....	15,703,310	11,682,760	10,028,864	5,373,555	293,590	254,310	267,120	314,895	187,085	156,850	97,865	81,335	44,531,509
Barroscia, California.....	9	85	453	8,380	76,751	81,226	19,108	2,317	671	6	545	117	189,671
Blacksmelt.....					7,620								7,620
Bonito, Pacific.....	1,891,879	532,145	374,315	373	315	36,264	1,536,563	7,873,910	2,768,398	225,320	51,773	206,277	15,196,561
Carp.....						300							300
Croaker, white.....	60,516	63,264	22,958	21,637	31,113	15,502	17,224	5,827	10,424	15,263	32,698	14,343	310,769
Flycatcher.....					6,136	9,165	13,088	14,889	446				43,714
Hake, Pacific.....					115	195	113	211					515
Hallibut.....	183	60	1,097		415	125	1,455	934		2,029	1,853		2,569
Hallibut, California.....	5,451	8,412	18,148	13,669	16,866	12,474	11,011	3,795	55	3,055	7,034		110,411
Lingcod.....	73	39	180	80	84	245				16	116	22	885
Mackerel, bullet.....													15,400
Mackerel, jack.....	628,683	3,347,397	3,104,016	3,060,708	4,814,115	8,132,559	1,926,863	3,220,783	634,151	705,703	721,925	2,602,375	33,213,310
Mackerel, Pacific.....	56,136	125,195	31,782	5,122	27,239	58,172	49,058	161,924	74,929	99,727	242,269	204,791	1,136,311
Opaleye.....	177		209		3,928	5,547	4,992	1,262	993	1,759	343	159	19,866
Perch.....	4,251	922	4,065	2,211	292	4,714	1,719	4,149	2,142	4,381	4,159	3,743	36,748
Pompano, Pacific.....	560	1,153	1,345	299	182	853	2,583	2,217	2,219	4,792	9,992	22,112	49,027
Rockfish.....	69,777	92,259	55,564	49,890	61,230	44,719	45,021	15,739	6,358	20,313	44,027	46,628	552,385
Salmon.....							457	169	33	17			676
Sandfish.....						59	59		9				118
Sardine.....	34,100	10,063	9,490	11,845	27,540	12,092	4,371	810	2,236	10,699	6,967	704	132,159
Southern.....	741	1,982	637	45	654	1,096	512	12	22	302	533	417	6,883
Sea bass, giant.....	19	70	441	1,043	630	887	1,305	24	817	414	211		5,384
Sheepshead.....	5,645	17,681	965	2,148	3,957	13,323	17,472	105,512	51,731	29,465	16,208	2,775	251,010
Shark.....	4,965	10,589	8,471	9,945	16,530	19,800	27,358	11,476	10,612	10,269	2,543		139,128
Sheepshead, California.....	333	314	216	154	1,399	221	655	698		83	186	95	4,324
Shark.....						77	123						209
Sardlet.....	10,060	1,830	18,445	255	5,125	6,350	29,112	19,365	10,500	22,300	64,713	14,360	205,825
Sole, petrale.....						26							26
Sole, miscellaneous.....				13		19	424	650	416				1,622
Swordfish.....						792	22,105	67,226	70,650	10,492	359		180,824
Tuna, albacore.....							605,314	535,457	1,294,559	638,297	446,647		3,339,154
Tuna, bigeye.....							1,450						1,450
Tuna, bluefin.....						138,773	413,115	376,535	777,883	36,026			1,742,335
Tuna, skipjack.....										31,240			407,150
Whitefish, ocean.....		7											7
Yellowtail, California.....	370		74	94	116	74	14	50	703	540	300	71	2,496
Miscellaneous.....						16	25	39					80

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



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
<b>LANDINGS FROM:</b>													
<b>California waters:</b>													
<b>Fish:</b>													
Barramundi, California.....		400	517	882	34,186	39,456	6,246	7,957	333	49	265	50	90,261
Bonito, Pacific.....	650	387	957	310	245	5,327	85,770	911,979	1,423,341	2,994	321	1,610	2,406,333
Cakefish.....													11
Cooker, white.....	162	360	353	154	445	126	121	62	184	584		722	927
Flyingfish.....							1,350	130					1,480
Halibut.....		68			962	147	5,233	6,483	3,100	736	468	651	17,875
Halibut, California.....	2,858	4,329	2,738	4,109	2,143	3,201	4,920	2,377	5,474	7,359	2,797	1,657	43,959
Langcod.....	28	55	41		21				68	33	18	14	323
Mackerel, Pacific.....		400	1,677	48	918	1,212	1,557	16,326		836	332		23,998
Opah.....		24			40								408
Perch.....	207	684	857	1,805	1,368	509	1,194	764	927	876	1,176	306	10,453
Pompano, Pacific.....													33
Rockfish.....	31,838	49,659	40,138	33,616	51,183	42,313	26,816	21,133	12,212	21,368	16,874	20,748	368,319
Sablefish.....					20	53		246					319
Salmon.....						1,129		12					1,141
Sardine.....						10							392
Sardine.....					9,500		14						9,514
Scupin.....	8,658	10,763	2,216	1,745	2,480	6,205	8,256	4,129	138	464	3,056	1,672	49,162
Sea bass, giant.....	124		655	390	628	1,120	556	240	149	166	169	863	4,700
Seabass, white.....	5,466	3,109	1,553	4,186	20,820	6,726	3,966	11,367	2,877	1,399	477	1,087	66,033
Shark.....	9,808	1,455	2,584	3,161	9,039	10,886	11,710	9,562	7,754	12,866	6,179	12,692	96,886
Shorefish, California.....	396	212	282	2,460	310	1,318	429	896	296	4,226	2,432	14	13,212
Snowfish.....	274		144			250	393						1,063
Sole, miscellaneous.....	10	50	186	103	1,157	2,163	2,691	2,283	640	821	148	58	10,356
Swordfish.....							2,222	6,808	13,471	109			22,910
Tuna, albacore.....							456,200	505,970	214,905	257,820	21,636		1,456,091
Tuna, bigeye.....								4,770					4,770
Tuna, bluefin.....								41,478	4,572	251			46,301
Tuna, skipjack.....								6,449		12			6,461
Turbot.....									105	126			231
Whitefish, ocean.....	105							58					163
Yellowtail, California.....	165	296	1,531	927	274	1,740	2,118	703	280	1,066	178	1,141	10,632
Miscellaneous.....	15	8			474	611	15	38		309	4		1,474
<b>Crustacean:</b>													
Crab, rock.....	2,756	3,498	756								564	740	9,408
Lobster, spiny.....	15,405	8,768	6,749							52,169	32,649	13,474	129,214

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

<b>Mollusk:</b>	20,695		19,103	47,840	88,374	60,802	48,204	43,763	72,290	80,632	61,099	44,267	587,419
Abalone.....											2	4	6
Octopus.....		98											8
Squid.....													
<b>Total pounds.....</b>	<b>99,076</b>	<b>84,181</b>	<b>82,926</b>	<b>101,930</b>	<b>224,617</b>	<b>188,033</b>	<b>642,889</b>	<b>1,610,324</b>	<b>1,762,796</b>	<b>446,747</b>	<b>152,578</b>	<b>101,412</b>	<b>5,499,009</b>
<b>Waters north of State:</b>													
<b>Fish:</b>													
Tuna, albacore.....									46,947	302,320	93,978		443,245
<b>Total pounds.....</b>									46,947	302,320	93,978		443,245
<b>Waters south of State:</b>													
<b>Fish:</b>													
Barracuda, California.....	1,205				2,320			51	4,601	8,983		2,780	19,288
Bonito, Pacific.....	3,357				256		132,002	617,658	4,659	1,093			788,825
Croaker, white.....					39								39
Flyingfish.....							150	1,300					1,450
Groper.....	11,435	488				389					17,538		42,507
Hailbut, California.....		106	144	1,284	588	340	27	3,471	189	27			6,176
Perch.....								21					21
Rockfish.....	5,128	2,960	10,518		334	1,403	60	288	75	202			1,305
Sandfish.....						146							146
Sculpin.....	2		18	26	220	13,563	6,185	6,557					26,611
Sea bass, giant.....	14,263		3,626		6,360	307		140		542	619	1,540	27,397
Seabass, white.....	5,474	28	10,673		18			479	2,787	4,980			12,574
Shark.....			749		2,108		1,185	1,174					36,513
Sheepshead, California.....					60	138		560					8,507
Swordfish.....							190	1,946					758
Tuna, albacore.....							117,337	102,602	2,033	2,299			224,571
Tuna, bigeye.....		1,000					4,102						41,716
Tuna, bluefin.....						456,627	1,708,123	187,435	85,790	26,618	2,036		2,545,538
Tuna, skipjack.....		1,112,287	1,731,965	1,286,645	893,211	3,097,772	2,639,230	3,538,874	3,214,189	5,286,113	4,551,047	2,390,707	30,047,033
Tuna, yellowfin.....	140	2,357,528	6,628,478	4,539,037	8,742,701	6,197,972	2,324,794	2,020,542	944,123	122,101	725,834	369,982	35,223,411
Turbot.....					106								106
Wahoo.....								122					122
Whitefish, ocean.....					60			157					217
Yellowtail, California.....	945	14	1,965	17			2,493	1,453	1,468				11,940
Miscellaneous.....		447											447
<b>Total pounds.....</b>	<b>41,549</b>	<b>3,454,852</b>	<b>8,389,139</b>	<b>5,921,029</b>	<b>9,648,458</b>	<b>9,672,587</b>	<b>7,318,695</b>	<b>6,485,430</b>	<b>4,229,201</b>	<b>5,754,391</b>	<b>5,334,588</b>	<b>2,794,153</b>	<b>69,044,092</b>
<b>SHIPMENTS:*</b>													
<b>Fish:</b>													
Tuna, albacore.....	293,380	1,201,922	200,728		535,409		300,680	456,616	2,487,654	888,796	324,646		6,092,728
Tuna, yellowfin.....	948,219	492,159	49,478	156,431		156,162			1,422,692	93,379			2,871,564
<b>Total pounds.....</b>	<b>898,599</b>	<b>1,694,115</b>	<b>241,203</b>	<b>156,431</b>	<b>535,409</b>	<b>156,162</b>	<b>300,680</b>	<b>456,616</b>	<b>3,910,346</b>	<b>982,175</b>	<b>324,646</b>		<b>9,564,292</b>
<b>Grand total.....</b>	<b>1,039,824</b>	<b>5,143,146</b>	<b>8,713,268</b>	<b>6,173,390</b>	<b>10,408,484</b>	<b>10,017,682</b>	<b>8,262,264</b>	<b>8,555,270</b>	<b>9,990,290</b>	<b>7,486,633</b>	<b>5,906,780</b>	<b>2,898,566</b>	<b>84,550,628</b>

\* For origin of shipments refer to Table 6. Beginning in 1985 only tuna shipments are recorded.

MARINE FISH CATCH FOR 1967

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
<b>LANDINGS:</b>							
<b>Fish:</b>							
Anchovy.....	35,099	16,753,584	8,289,185	44,531,509	---	---	69,609,377
Barracuda, California..	\$5,086	\$161,623	\$79,648	\$155,008	---	---	\$701,365
Blacksmith.....	---	---	1,292	202,273	109,619	---	313,184
Bonito, Pacific.....	---	---	---	\$385	\$35,498	\$16,698	\$50,451
Cabazon.....	---	---	---	---	7,620	---	7,620
Carp.....	622	546	5,447	238,041	171	---	\$171
Croaker, white.....	\$37	\$53	\$437	\$7,273	\$749,312	\$134,350	\$891,442
Flounder.....	8	590	7,413	6,262	---	11	14,284
Flounder, arrowtooth..	\$1	\$12	\$186	\$234	---	---	\$734
Flyingfish.....	348,231	---	---	---	300	---	348,531
Grouper.....	\$28,391	---	---	---	\$26	---	\$28,417
Hake, Pacific.....	19,780	160,460	1,213	310,769	4,195	---	496,417
Halfmoon.....	\$2,472	\$11,682	\$63	\$24,530	\$175	---	\$39,222
Halibut, California....	325,196	440,328	77,973	27,210	---	---	870,707
Halibut, Pacific.....	\$16,401	\$30,299	\$6,524	\$2,053	---	---	\$55,277
Herring, Pacific.....	4,556	1,485	---	---	---	---	6,041
Hitch.....	\$228	\$34	---	---	---	---	\$262
Lingcod.....	---	---	---	43,714	2,930	---	46,644
Mackerel, bullet.....	---	---	---	\$5,395	\$335	---	\$5,730
Mackerel, jack.....	760	200	3,250	10,625	195	---	14,430
Mackerel, Pacific.....	\$30	\$2	\$74	\$201	\$2	---	\$309
Mullet.....	---	---	---	---	7,556	17,875	25,431
Opaleye.....	---	---	---	---	\$1,858	\$3,474	\$5,332
Perch.....	264,960	100,622	304,967	117,374	50,135	---	838,058
Pompano, Pacific.....	\$65,884	\$24,277	\$86,240	\$35,466	\$15,100	---	\$226,967
Rockfish.....	488	---	---	---	---	---	488
Sablefish.....	\$190	---	---	---	---	---	\$190
Salmon.....	218,604	---	---	---	---	---	218,604
Shark.....	\$19,836	---	---	---	---	---	\$19,836
Sheephead, California..	20,967	250,935	---	---	---	---	271,902
Skate.....	\$8,745	\$22,859	---	---	---	---	\$31,604
Sturgeon.....	13,317	---	---	---	---	---	13,317
Tilapia.....	---	\$333	---	---	---	---	\$333
Trout.....	593,206	210,788	80,266	53,217	855	323	938,655
Wahoo.....	\$16,095	\$18,081	\$8,698	\$4,724	\$127	\$38	\$77,763
Yellowtail.....	---	---	---	---	13,400	---	13,400
Wingfin.....	---	---	---	---	---	---	\$268
Witch.....	550	210	934,752	4,031,725	33,213,310	---	38,180,547
Woolly sculpin.....	\$24	\$9	\$36,556	\$150,343	\$1,259,932	---	\$1,446,804
Wormhead.....	---	---	---	6,700	1,136,311	23,596	1,166,607
Wrasse.....	---	---	---	\$394	\$70,854	\$1,741	\$72,989
Xantho.....	---	---	---	---	16,890	406	17,296
Yankee.....	---	---	---	---	\$3,627	\$54	\$3,681
Zander.....	65,147	24,062	30,625	34,693	37,512	10,474	202,513
Other.....	\$11,057	\$6,710	\$5,326	\$7,948	\$8,484	\$1,941	\$41,466
Pompano, Pacific.....	---	54	61,764	715	49,027	33	111,593
Rockfish.....	2,427,205	\$27	\$25,754	\$157	\$14,068	\$4	\$30,610
Sablefish.....	\$135,282	\$65,303	\$163,718	\$289,871	\$61,409	\$39,789	\$798,951
Salmon.....	2,300,577	474,786	1,021,201	1,610	---	319	3,798,493
Shark.....	\$241,807	\$17,709	\$55,341	\$98	---	\$28	\$314,983
Sheephead, California..	5,287,540	1,761,930	242,882	107,560	676	1,141	7,401,729
Skate.....	\$2,790,958	\$960,775	\$130,280	\$53,599	\$494	\$967	\$3,945,192
Sturgeon.....	203,166	254,614	227,545	1,189	116	538	687,168
Tilapia.....	\$17,499	\$21,803	\$17,098	\$104	\$21	\$142	\$56,667
Trout.....	---	---	113	7,000	132,139	9,514	148,766
Wahoo.....	---	---	\$23	\$1,400	\$27,037	\$2,093	\$30,553
Wormhead.....	---	---	---	---	6,883	75,773	82,656
Witch.....	---	---	---	---	\$2,432	\$20,013	\$23,345
Woolly sculpin.....	---	---	---	1,609	196,898	32,097	230,604
Xantho.....	---	---	---	\$280	\$35,003	\$5,259	\$40,542
Yankee.....	570	67,561	122,414	929,668	102,546	1,222,759	1,222,759
Zander.....	\$162	\$18,291	\$37,037	\$258,581	\$28,859	\$342,930	\$342,930
Other.....	4,347	84,653	71,197	190,338	144,270	102,093	596,898
Sheephead, California..	\$228	\$3,547	\$2,301	\$19,954	\$18,931	\$12,054	\$57,015
Skate.....	7,930	82,580	103,413	2,618	200	---	196,751
Wormhead.....	---	\$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
	\$17,356	\$10,213	\$6,124	----	\$6,815	\$126	\$40,634
Smelt, whitebait.....	187,242	12,452	----	----	----	----	199,694
	\$17,512	\$1,778	----	----	----	----	\$19,290
Sole, Dover.....	5,302,720	1,302,445	88,516	21,356	----	----	7,215,037
	\$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
	\$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
	\$194,572	\$101,621	\$29,828	\$29,382	\$1	----	\$355,207
Sole, rex.....	1,180,812	344,247	147,393	93,586	----	----	1,766,038
	\$101,114	\$29,135	\$11,138	\$7,735	----	----	\$149,122
cl,sand.....	3,623	214,989	18,215	69,070	----	----	305,897
	\$381	\$25,286	\$2,174	\$8,326	----	----	\$36,167
ck,miscellaneous.....	58	35	9,686	9,981	1,622	10,350	31,712
	\$5	\$5	\$974	\$1,033	\$200	\$2,528	\$1,745
ordfish.....	----	----	4,436	95,897	180,524	24,210	305,067
	----	----	\$2,367	\$19,326	\$98,564	\$13,554	\$163,811
Tuna, albacore.....	4,853,927	1,516,020	1,202,084	2,825,897	5,336,088	2,123,907	17,857,923
	\$898,181	\$280,309	\$222,265	\$522,140	\$1,063,628	\$420,300	\$3,406,823
Tuna, bigeye.....	----	----	----	----	1,089,330	44,495	1,134,425
	----	----	----	----	\$145,602	\$5,954	\$151,556
Tuna, bluefin.....	----	----	----	----	11,140,766	2,594,829	13,735,595
	----	----	----	----	\$1,362,416	\$305,068	\$1,667,484
Tuna, skipjack.....	----	----	291	80,899,496	30,056,514	110,956,301	111,245,779
	----	----	\$29	\$8,190,204	\$3,053,546	\$11,245,779	\$11,245,779
Tuna, yellowfin.....	----	----	----	105,132,642	35,223,411	140,356,053	140,356,053
	----	----	----	\$14,399,826	\$4,853,556	\$19,253,382	\$19,253,382
Turbot.....	3,875	63,252	340	5,049	----	337	72,853
	\$194	\$3,228	\$17	\$306	----	\$51	\$3,796
Wahoo.....	----	----	----	----	860	122	982
	----	----	----	----	\$103	\$18	\$121
Whitefish, ocean.....	----	----	----	----	679	380	1,059
	----	----	----	----	\$19	\$24	\$73
Yellowtail, California.....	----	----	----	141	128,355	22,172	150,668
	----	----	----	\$24	\$13,548	\$2,194	\$15,766
Miscellaneous.....	192	10	20	----	80	1,921	2,223
	\$11	\$1	\$1	----	\$19	\$420	\$452
Miscellaneous (animal food).....	1,611,792	----	----	984,326	----	----	2,596,118
	\$32,132	----	----	\$19,686	----	----	\$51,818
<b>Crustacean:</b>							
Crab, market.....	10,772,988	936,354	1,507	5,639	----	----	11,716,488
	\$1,762,740	\$267,418	\$569	\$2,240	----	----	\$2,032,967
Crab, rock.....	100	----	221	79,350	235,217	9,498	324,386
	----	----	\$8	\$5,082	\$27,477	\$329	\$32,896
Lobster, spiny.....	----	----	----	111,662	209,008	129,214	449,884
	----	----	----	\$91,569	\$182,091	\$114,273	\$387,933
Prawn, spot.....	----	----	2,590	----	----	----	2,590
	----	----	\$2,174	----	----	----	\$2,174
Prawn, ridgeback.....	----	----	----	423	----	----	423
	----	----	----	\$85	----	----	\$85
Shrimp, bay.....	----	19,771	----	----	----	----	19,771
	----	\$4,296	----	----	----	----	\$4,296
Shrimp, ocean.....	1,411,625	888	----	----	----	----	1,412,513
	\$163,407	\$102	----	----	----	----	\$163,509
<b>Mollusk:</b>							
Abalone.....	----	23,434	525	3,002,380	807,823	587,419	4,421,581
	----	\$4,276	\$126	\$590,470	\$156,785	\$108,167	\$850,824
Clam, unclassified.....	1,754	----	778	----	----	----	2,532
	\$281	----	\$105	----	----	----	\$476
Octopus.....	1,791	5,096	1,931	225	145	6	9,194
	\$74	\$204	\$286	\$22	\$36	\$1	\$623
Oyster, eastern.....	----	12,710	----	----	----	----	12,710
	----	\$37,681	----	----	----	----	\$37,681
Oyster, giant Pacific.....	454,641	185,893	----	89,097	----	----	729,631
	\$105,704	\$43,174	----	\$20,715	----	----	\$169,593
Squid.....	----	----	11,233,271	2,592,543	5,776,010	98	19,601,922
	----	----	\$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
<b>SHIPMENTS†:</b>							
<b>Fish:</b>							
Tuna, albacore.....	----	----	----	----	47,197,034	6,692,728	53,889,762
					\$12,042,104	\$1,743,882	\$13,785,986
Tuna, bigeye.....	----	----	----	----	346,736	----	346,736
					\$55,937	----	\$55,937
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
<b>GRAND TOTAL POUNDS</b>	<b>42,427,176</b>	<b>12,452,218</b>	<b>36,213,095</b>	<b>26,926,666</b>	<b>386,457,878</b>	<b>84,550,628</b>	<b>589,027,661</b>
<b>GRAND TOTAL VALUE</b>	<b>\$7,220,581</b>	<b>\$2,309,030</b>	<b>\$1,315,488</b>	<b>\$2,031,237</b>	<b>\$46,986,738</b>	<b>\$11,584,482</b>	<b>\$71,447,556</b>

\* 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
<b>Eureka</b>		
Salmon.....	\$1,096,856	2,030,084
Market crab.....	753,391	4,604,352
Albacore.....	508,607	2,748,600
Giant Pacific oyster.....	165,704	454,611
Dover sole.....	54,175	816,861
Sablefish.....	46,991	447,075
English sole.....	23,308	261,428
Petrale sole.....	21,761	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.....	10,775	155,178
Port totals.....	\$2,680,203	12,404,095
<b>Fort Bragg</b>		
Salmon.....	\$802,494	1,514,794
Albacore.....	385,017	2,080,701
Sablefish.....	136,932	1,302,788
Market crab.....	84,691	517,587
Dover sole.....	80,054	1,207,065
Petrale sole.....	65,420	530,848
Rockfish.....	63,485	1,104,461
English sole.....	59,199	663,991
Rex sole.....	31,949	373,097
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
<b>Crescent City</b>		
Market crab.....	\$778,541	4,758,052
Salmon.....	661,790	1,282,953
Ocean shrimp.....	144,126	1,245,065
English sole.....	76,014	852,595
Rockfish.....	17,032	306,451
Sablefish.....	15,212	144,726
Petrale sole.....	14,900	120,908
Rex sole.....	9,998	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
<b>Fields Landing</b>		
Dover sole.....	\$247,032	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	1,069,315
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	23,980
Port totals.....	\$733,484	9,557,381
<b>Trinidad</b>		
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
<b>Albion</b>		
Salmon.....	\$83,052	156,628
All other species.....	1,254	9,125
Port totals.....	\$84,306	165,753
<b>Point Arena</b>		
Salmon.....	\$57,589	104,278
All other species.....	344	1,862
Port totals.....	\$57,933	106,140
<b>All other ports</b>		
All species.....	\$49	370
Totals.....	\$49	370
<b>EUREKA AREA TOTALS</b> .....	<b>\$7,220,581</b>	<b>42,427,176</b>

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

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

	Value	Pounds
<b>San Francisco</b>		
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
<b>Bodega Bay</b>		
English sole.....	\$426,960	788,879
Market crab.....	58,213	644,847
Albacore.....	56,270	197,028
Petrale sole.....	56,178	303,831
Rockfish.....	20,015	149,037
Salmon.....	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
<b>Sausalito</b>		
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
<b>Point Reyes</b>		
Salmon.....	\$141,458	254,494
Giant Pacific oyster.....	35,484	152,620
Market crab.....	29,312	102,634
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
<b>Oakland</b>		
Albacore.....	\$109,501	592,224
Salmon.....	52,225	93,308
All other species.....	1,712	8,373
Port totals.....	\$163,438	693,905
<b>Princeton</b>		
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
<b>Tomales Bay</b>		
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
<b>Clear Lake</b>		
Carp.....	\$24,708	303,058
Hardhead.....	19,636	216,401
All other species.....	333	13,317
Port totals.....	\$44,677	532,776
<b>Berkeley</b>		
Salmon.....	\$6,628	11,853
All other species.....	1,488	5,003
Port totals.....	\$8,116	16,856
<b>All other ports</b>		
All species.....	\$9,027	69,654
Totals.....	\$9,027	69,654
<b>SAN FRANCISCO AREA TOTALS.....</b>	<b>\$2,309,030</b>	<b>12,452,218</b>

\* 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
<b>Moss Landing</b>		
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.....	5,563	74,017
All other species.....	27,019	317,214
Port totals.....	\$668,541	20,919,728
<b>Monterey</b>		
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	2,421,490
English sole.....	22,752	291,109
Petrale sole.....	18,056	126,500
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
<b>Santa Cruz</b>		
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
<b>MONTEREY AREA TOTALS.....</b>	<b>\$1,315,488</b>	<b>36,213,095</b>

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

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

	Value	Pounds
<b>Morro Bay</b>		
Albacore.....	\$463,921	2,510,808
Abalone.....	273,133	1,397,207
Rockfish.....	88,393	1,590,161
Jack mackerel.....	40,552	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
<b>Santa Barbara</b>		
Abalone.....	\$263,268	1,330,278
Spiny lobster.....	60,636	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).....	13,851	692,539
Petrale sole.....	11,818	90,745
All other species.....	14,800	225,742
Port totals.....	\$566,843	4,150,464
<b>Port Hueneme</b>		
Jack mackerel.....	\$109,761	2,943,445
Anchovy.....	79,648	8,289,185
Squid.....	38,696	2,592,543
Spiny lobster.....	17,137	20,897
California halibut.....	12,291	43,465
Abalone.....	7,865	38,947
All other species.....	13,552	215,336
Port totals.....	\$278,950	14,143,818
<b>Avila</b>		
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
<b>Oxnard</b>		
All species.....	\$8,829	22,644
Port totals.....	\$8,829	22,644
<b>All other ports</b>		
California halibut.....	\$5,039	17,818
All other species.....	2,198	15,193
Totals.....	\$7,237	33,011
<b>SANTA BARBARA AREA TOTALS.....</b>	<b>\$2,031,237</b>	<b>26,926,666</b>

*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
<b>Terminal Island</b>		
<b>Landings:</b>		
Yellowfin tuna.....	\$14,353,346	104,793,296
Skipjack tuna.....	8,189,937	80,896,856
Bluefin tuna.....	1,283,708	10,497,153
Albacore.....	1,943,649	5,235,857
Jack mackerel.....	942,982	24,858,836
Pacific bonito.....	520,164	12,363,227
Anchovy.....	429,343	42,019,760
Bigeye tuna.....	145,602	1,089,939
Squid.....	67,635	3,948,575
Pacific mackerel.....	14,324	229,716
All other species.....	1,927	9,560
<b>Total landings.....</b>	<b>\$26,992,617</b>	<b>285,942,766</b>
<b>Shipments:*</b>		
Albacore.....	\$12,042,104	47,197,034
Yellowfin tuna.....	5,481,928	24,023,928
Skipjack tuna.....	522,832	4,902,499
Bigeye tuna.....	55,937	346,736
<b>Total shipments.....</b>	<b>\$18,102,801</b>	<b>75,570,197</b>
<b>Port totals.....</b>	<b>\$45,095,418</b>	<b>361,512,963</b>
<b>San Pedro</b>		
<b>Landings:</b>		
White seabass.....	\$245,128	881,299
Pacific bonito.....	174,694	4,152,123
Albacore.....	149,023	798,559
Jack mackerel.....	110,253	2,904,712
Spiny lobster.....	97,228	111,600
Rockfish.....	96,382	652,601
Bluefin tuna.....	78,706	643,588
Swordfish.....	69,288	126,904
Pacific mackerel.....	56,247	902,041
Yellowfin tuna.....	46,480	339,346
Giant sea bass.....	34,605	194,657
California barracuda.....	33,171	290,480
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
<b>Port totals.....</b>	<b>\$1,439,335</b>	<b>16,847,251</b>
<b>Wilmington</b>		
<b>Landings:</b>		
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
<b>Port totals.....</b>	<b>\$270,411</b>	<b>7,431,973</b>

**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
<b>Newport Beach</b>		
<b>Landings:</b>		
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	31,446
Abalone.....	6,631	33,307
All other species.....	4,362	103,135
Port totals.....	\$87,123	346,178
<b>Long Beach</b>		
<b>Landings:</b>		
Spiny lobster.....	\$34,001	39,027
All other species.....	8,858	88,788
Port totals.....	\$42,859	127,815
<b>Redondo Beach</b>		
<b>Landings:</b>		
Rock crab.....	\$11,600	99,202
Spiny lobster.....	11,478	13,175
All other species.....	752	8,558
Port totals.....	\$23,830	121,035
<b>Santa Monica</b>		
<b>Landings:</b>		
Spiny lobster.....	\$8,410	9,653
All other species.....	6,942	40,593
Port totals.....	\$15,352	50,246
<b>San Clemente</b>		
<b>Landings:</b>		
Spiny lobster.....	\$5,571	6,395
All other species.....	144	725
Port totals.....	\$5,715	7,120
<b>All other ports</b>		
<b>Landings:</b>		
All species.....	\$6,695	13,297
Totals.....	\$6,695	13,297
<b>LOS ANGELES AREA TOTALS.....</b>	<b>\$46,986,738</b>	<b>386,457,878</b>

\* 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
<b>San Diego</b>		
<b>Landings:</b>		
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
Abalone.....	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.....	5,954	44,495
Giant sea bass.....	5,218	31,849
All other species.....	17,339	124,931
<b>Total landings.....</b>	<b>\$9,159,518</b>	<b>74,897,713</b>
<b>Shipments:*</b>		
Albacore.....	\$1,743,882	6,692,728
Yellowfin tuna.....	651,973	2,871,554
<b>Total shipments.....</b>	<b>\$2,395,855</b>	<b>9,564,282</b>
<b>Port totals.....</b>	<b>\$11,555,373</b>	<b>84,461,995</b>
<b>Oceanside</b>		
<b>Landings:</b>		
All species.....	\$13,702	71,166
<b>Port totals.....</b>	<b>\$13,702</b>	<b>71,166</b>
<b>Cardiff</b>		
<b>Landings:</b>		
Spiny lobster.....	\$9,331	10,551
<b>Port totals.....</b>	<b>\$9,331</b>	<b>10,551</b>
<b>La Jolla</b>		
<b>Landings:</b>		
Spiny lobster.....	\$6,069	6,862
<b>Port totals.....</b>	<b>\$6,069</b>	<b>6,862</b>
<b>All other ports</b>		
<b>Landings:</b>		
All species.....	\$7	54
<b>Totals.....</b>	<b>\$7</b>	<b>54</b>
<b>SAN DIEGO AREA TOTALS.....</b>	<b>\$11,584,482</b>	<b>84,550,628</b>

\* 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
Barracuda, California.....	782,723	1,195,855	755,408	391,884	335,507	483,699	303,070	443,304	892,697	470,480
Beam, trip and sand.....	633,671	428,428	476,956	613,991	780,149	1,219,344	1,103,399	1,230,213	1,274,939	1,063,914
Bonito, Pacific.....	422,568	776,383	1,199,919	849,426	797,725	775,719	1,298,801	966,222	644,115	349,652
Cabezon.....	9,909	5,329	2,516	2,639	4,538	9,736	6,491	7,515	10,293	5,419
Halibut, California.....	16,192	25,365	6,810	108,911	118,969	123,699	141,466	118,215	85,728	63,682
Linseed.....	39,801	31,206	28,232	23,466	25,399	27,513	25,263	33,260	44,676	43,559
Macereel, jack.....	27,867	11,829	8,537	28,891	9,929	9,342	6,577	25,619	19,027	16,236
Macereel, Pacific.....	136,607	88,932	79,370	112,688	115,728	146,560	101,216	151,566	308,696	108,266
Rockfish.....	1,361,132	1,177,979	1,015,673	898,641	956,438	962,659	966,801	1,347,430	1,688,715	1,894,037
Salmon.....	52,676	55,945	97,941	42,993	97,912	72,457	92,021	91,577	70,191	84,646
Scupin.....	12,743	11,477	15,111	26,672	23,314	53,896	73,844	71,888	69,551	63,280
Seabass, white.....	34,039	10,563	15,697	14,082	14,564	19,800	14,001	9,715	3,072	3,285
Sheepshead, California.....	18,120	17,146	11,541	15,210	13,888	18,445	26,852	41,681	52,967	42,616
Tuna, bluefin.....	6,482	39	76,075	184,891	225,311	158,372	112,358	69,771	74,680	96,497
Tuna, bluefin.....	884	1,330	97	2,268	2,453	787	693	92	1,998	3,166
Whitefish, ocean.....	6,143	5,998	5,850	6,647	6,157	6,231	6,949	13,810	15,387	18,184
Yellowtail, California.....	122,284	457,350	251,669	42,397	21,829	45,793	39,194	18,267	89,163	31,292
All others†.....	44,939	28,039	56,132	87,081	92,776	142,630	114,400	163,265	166,470	145,073
<b>Total number of fish.....</b>	<b>3,950,880</b>	<b>4,329,575</b>	<b>4,090,034</b>	<b>3,453,633</b>	<b>3,655,993</b>	<b>4,279,562</b>	<b>4,434,176</b>	<b>4,634,558</b>	<b>5,409,420</b>	<b>4,444,164</b>
Number of angler days†.....	515,152	557,154	516,255	495,805	565,916	643,155	696,445	688,777	837,000	780,102
Number of anglers.....	---	---	---	---	---	---	---	---	---	---

\*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	----
<b>TOTAL.....</b>	<b>754,713</b>				
	<b>\$183,895</b>				

\* 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	4,106
	\$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	----
<b>TOTAL.....</b>	<b>732,683</b>				
	<b>\$189,110</b>				

\* 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 500 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
<b>Crescent City</b>														
King.....	38,629	4,261	169,716	19,012	99,096	6,679	92,012	8,199	20,145	1,749	884	298	420,083	43,090
Silver.....	1,499	299	12,497	2,574	85,211	12,790	887,963	70,382	49,388	6,298	4,499	499	731,027	92,572
Pink.....	-----	-----	-----	-----	4,648	961	106,087	19,289	685	120	23	4	111,443	20,374
<b>Eureka</b>														
King.....	284,656	29,907	617,352	64,429	329,163	32,552	96,771	7,995	49,849	2,642	7,908	791	1,388,990	137,827
Silver.....	3,262	648	63,821	12,497	237,851	38,018	353,121	39,989	168,376	11,380	10,327	1,275	796,738	103,897
Pink.....	-----	-----	-----	-----	17,199	4,286	27,885	5,191	64	12	-----	-----	45,099	9,489
<b>Fort Bragg</b>														
King.....	32,240	3,122	137,749	12,755	42,998	3,872	297,249	19,272	407,655	27,558	48,199	3,305	966,051	69,885
Silver.....	125	25	17,288	3,499	85,449	10,845	514,664	52,317	189,446	20,226	7.0	76	897,262	87,088
Pink.....	-----	-----	-----	-----	62	14	1,788	279	56	11	-----	-----	1,597	391
<b>San Francisco</b>														
King.....	135,732	11,228	218,444	17,846	256,298	20,726	168,839	13,229	48,249	3,286	47,262	3,288	875,226	69,533
Silver.....	968	177	117,252	29,815	429,291	69,877	298,892	39,098	7,699	790	1,279	112	885,742	113,131
Pink.....	-----	-----	-----	-----	709	153	253	36	-----	-----	-----	-----	962	189
<b>Monterey</b>														
King.....	13,182	989	66,819	5,071	78,161	5,412	18,098	1,224	18,961	2,405	22,492	2,378	217,624	17,549
Silver.....	196	42	13,224	2,481	77,511	10,931	43,936	4,887	-----	487	42	111	134,635	17,492
Pink.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
<b>Statewide</b>														
King.....	504,759	49,077	1,210,080	118,813	815,786	72,262	672,862	49,922	535,841	37,749	127,046	10,070	3,896,374	337,884
Silver.....	5,959	1,191	224,282	41,876	976,293	122,521	1,787,585	198,175	264,696	38,716	17,037	1,931	3,215,944	411,110
Pink.....	-----	-----	-----	-----	22,279	5,414	139,015	24,758	895	143	22	4	159,411	30,356

\* 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	332	0.9
Skiff.....	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	44	0.4	338	1,009	0.7
Skiff.....	0	0	--	0	0	--	0	0	--	0	0	--	191	109	0.1	1,223	3,092	0.9
Fort Bragg																		
Partyboat.....	0	0	--	0	0	--	0	0	--	0	31	*	0	66	0.2	162	1,194	0.7
Skiff.....	0	0	--	0	0	--	0	0	--	0	0	--	3	7	0.1	497	3,778	0.6
San Francisco																		
Partyboat.....	3,970	0	*	12,132	0	0.4	5,550	1,040	1.1	3,422	4,355	0.9	3,872	8,618	1.5	6,011	1,898	0.7
Skiff.....	241	0	*	689	0	0.1	433	0	1.2	256	193	0.8	173	549	2.1	0	357	2.0
Monterey																		
Partyboat.....	54	0	*	283	0	*	121	176	*	908	2,905	*	650	132	*	856	9	*
Skiff.....	68	0	*	360	0	*	155	224	*	1,296	3,709	*	806	147	*	1,050	55	*
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
Skiff.....	309	0	b	1,049	0	0.1	588	224	1.2	1,492	3,602	0.8	1,216	816	1.5	3,209	16,269	0.9

FISH NUMBER PER DAY

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	292	0.9	0	0	--	0	0	--	0	0	--	108	625	0.9
Skiff.....	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	a	0	3	a	777	1,714	0.6
Skiff.....	869	2,140	0.5	5	65	0.1	0	0	--	0	0	--	2,388	11,916	0.7
Fort Bragg															
Partyboat.....	760	225	0.5	197	51	0.2	0	4	a	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	8,526	16,801	0.8
Skiff.....	291	0	0.5	421	0	0.3	309	0	0.2	73	0	0.5	2,977	1,099	0.9
Monterey															
Partyboat.....	357	4	e	59	0	e	25	0	e	24	0	e	3,288	3,227	e
Skiff.....	455	5	e	63	0	e	31	0	e	8	0	e	4,292	4,100	e
Statewide															
Partyboat.....	8,320	1,123	0.7	7,601	67	0.8	5,221	13	0.4	1,320	3	0.5	69,918	21,028	0.8
Skiff.....	2,649	4,550	0.5	714	265	0.2	331	226	0.3	81	0	0.5	11,618	26,332	0.7

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

MARINE FISH CATCH FOR 1967

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