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STATE OF CALIFORNIA
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California Marine Fish Landings For 1974



by
Robert Mcallister
1976

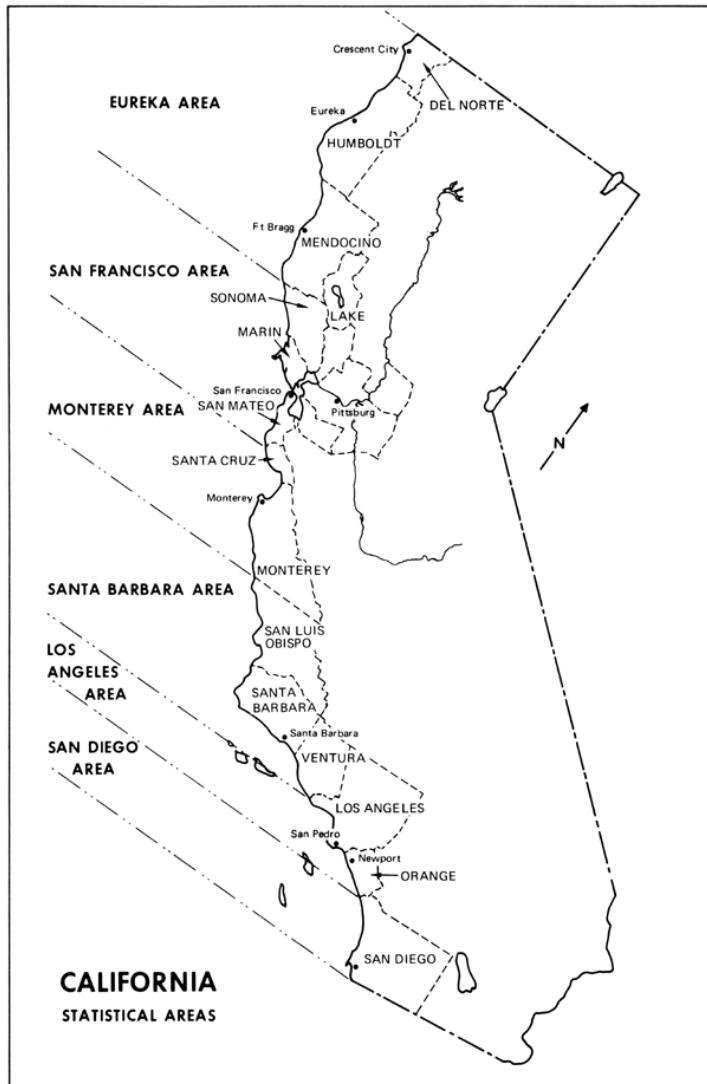


FIGURE 1. Geographical areas used to summarize California fisheries statistics.

(2)

FIGURE 1. Geographical areas used to summarize California fisheries statistics

TABLE OF CONTENTS

Foreword -----	5
Explanation of Tables -----	6
Common and Scientific Names of Species Reported in the 1974 Catch -----	9
Annual Landings and Shipments (Figure 2)-----	10
Annual Landings and Shipments, 1916 through 1974 -----	11
Landings and Shipments of Leading Species Ranked by Pounds -----	11
Number of Licensed Commercial Fishermen -----	12
Number of Registered Fishing Boats by Length -----	12
Origin of Shipments -----	13
Origin of Commercial Fish Landings -----	14-15
Monthly Landings and Shipments—Statewide -----	16-17
Monthly Landings and Shipments by Area -----	18-31
Value of Landings and Shipments by Area -----	32-34
Value of Landings and Shipments by Ports and Areas -----	35-45
Partyboat Sport Catch, 1965-1974 -----	46
Inshore Bait Landings, 1974 -----	47
Live Bait Catch, 1970-1974 -----	47
California Ocean Recreational Salmon Landings and Success— 1974 -----	48-49
California Commercial Troll Salmon Landings—1974 -----	50
Appendix I Monthly Landings from Inland Waters -----	51
Appendix II Value of Landings from Inland Waters -----	52
Appendix III Kelp Harvest in Tons 1916-1974 -----	53

1. FOREWORD

Landing bulletins provide basic catch records of amounts and values of various marine resources taken by California's commercial fisheries plus summarizations of catches of the partyboat sportfishing industry. Small quantities of freshwater fish taken commercially in inland areas also are detailed. These figures are of local, national, and international significance to fishery scientists and others interested in the wise utilization and management of California's living marine and freshwater resources.

This report for 1974 is the 34th in a series stemming from the first gathering of commercial fisheries landing data by the California Department of Fish and Game in 1916 and the subsequent first publication of these catch data in 1929 for the years 1926 and 1927.

California's fishery statistics are based on a system where fish dealers, processors, and operators of sportfishing partyboats send duplicate copies of their landing records to the department. Fish Bulletin 86, which reported the catch for 1950, describes fully the system and methods used in collecting commercial fish records. Basic principles remain the same today as then, although methods and equipment have been changed as necessary. The partyboat fishing system is described in Fish Bulletin 145 by Parke Young (1969).

Credit for this publication is due largely to the cooperative efforts of the fishing industry, wholesale fish dealers, fishermen, canners, processors, and department personnel responsible for the market receipt system who have through their efforts provided the most accurate statistics possible. My utmost appreciation is extended to this large group of people without which this publication would not be possible.

Portions of the salmon statistics were collected under the Anadromous Fish Act Project: California AFC-12, Ocean Salmon Study and supported by the National Marine Fisheries Service, Department of Commerce, Washington, D.C.

2. EXPLANATION OF TABLES

Tables in this bulletin summarize statistics of the various fishery operations in California during 1974. Five types of activity are being reported this year: landings by commercial fishermen in California, sport catches of the partyboat fleet, imports of tuna from other states or foreign countries destined for processing in California, landings of inshore species used for bait, and catches of boats supplying live bait for sportfishing. In addition, the species composition of the 1974 ocean salmon landings is reported.

Statistics presented in this publication do not encompass all fishing activities in California since not all of these functions are reported. For example, sportfishing from private boats or from shore is not reported, nor is the quantity of fish imported for use in a fresh state compiled.

Preliminary landing data are published annually in the circular series which enumerates certain fishery products produced from the catch. The 1974 figures are contained in Circular Number 49, "Statistical Report of Fresh, Canned, Cured and Manufactured Fishery Products for 1974" (McAllister, 1974).

In years to come, the tables will be printed in metric values; however, for this bulletin the following necessary factors for conversion are provided.

1 Pound = 453.59 Grams

1 Pound = 0.453 Kilogram

1 Ton (Net or Short) = 0.907 Metric Ton

2.1. SOURCE OF DATA

Data concerning each commercial landing, inshore bait delivery, 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 must provide data concerning the species, weight, and 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.) also are required. In addition, type of gear used and the specific area where the fish were caught are reported.

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

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

Clerical personnel at field offices in Eureka, Menlo Park, Long Beach, and San Diego maintain contact with fish dealers, local Fish and Game wardens, and field biologists to insure that the records are accurate and transmitted promptly. All data received by the department are carefully edited for completeness and coded to facilitate processing.

The information is then punched into cards and summarized with electric tabulating machines.

2.2. STATISTICAL AREAS

California 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 landings prior to 1972 were included with San Francisco totals. In the 1972 bulletin, the separation of all inland fish landings resulted in Appendix I and II. The status of these data is continued in its past form until future demand may require their elevation to table status.

2.3. SPECIES

The common and scientific names of species reported here are those designated by the department (Gates and Frey, 1974). Some species are reported only collectively when, for economic or other reasons, their separation is not practical (Table 1).

The "Miscellaneous (Animal Food)" category consists of a variety of low value species caught by trawling. When the volume of these landings was substantial, department biologists sampled it for species composition. In recent years this category of landings has declined markedly; for example, in 1973 the total was 322,581 pounds compared to 2,873,650 pounds landed in 1965. Industry practices during 1973 and early 1974 indicated that the downward trend would continue; therefore, the department decided not to sample this portion of the trawl catch. The total 1974 landing of Miscellaneous (Animal Food) fish was only 64,286 pounds.

Salmon landings reported in the tables are for all species combined. However, biologists from the department's Anadromous Fisheries Branch sample the commercial and sport salmon fisheries to determine species composition of catches and to obtain estimates of the unreported skiff catch. The sampling methods and results for 1952 through 1965 were detailed by Jensen and Swartzell (1967); since 1966, results have been presented annually in the landing bulletins.

The miscellaneous fish category, as reported in the 1974 landings tables, consists of small volume deliveries of the following species: lamprey, California moray, striped mullet, Pacific halibut, sargo, American shad, spotted cabrilla, and wolf-eel. Reporting of skate and ray species on market receipts was poor; the reported species consisted of skates, rays, stingrays, and shovelnose guitarfish. Miscellaneous mollusks consisted of mussels, quahogs, sea snails, softshell clams, and Washington clams.

Due to increasing requests for marine plant harvest information, a table of kelp landings is presented in Appendix III. This is an updated version of the table presented by Frey (1971) on giant kelp, *Macrocystis* spp., landings by open and leased beds dating back to 1916.

2.4. CONDITION

Most fish and shellfish are landed in a round condition; however, some species, such as barracuda, salmon, and swordfish usually are eviscerated or cleaned before being brought ashore. The condition of

fish landed or shipped into the state cannot always be determined, so the tables represent summarized 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. Packed weight is estimated to be 15.5% of the live weight for Pacific oysters and 10.9% for eastern oysters.

Landings reported in measurements other than weight are equated to pounds using conversion factors determined by periodic sampling.

Abalone number to weight conversion factors were reexamined during the 1970-71 abalone season by a department biological team. These conversion factors, rounded off to whole numbers, were used in 1972. The same factors are used in this bulletin and are as follows:

Abalone, red	45 pounds per dozen
Abalone, pink	25 pounds per dozen
Abalone, green	25 pounds per dozen
Abalone, black	25 pounds per dozen
Abalone, white	20 pounds per dozen
Clam, Washington	7 pounds per dozen
Crab, Dungeness	2 pounds each
Live bait	12.5 pounds per scoop

2.5. VALUE

Value is computed from prices paid to fishermen. Area value figures are ascertained by summing the value of all individual landings in that area. The value for an individual port within an area is calculated from 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.

2.6. INSHORE BAIT

The inshore bait fishery takes numerous species of fish and invertebrates from bays, rivers, and intertidal regions. Records of this fishery have been published as a separate summary in landing bulletins since 1963. Conversion factors used for inshore bait for 1974 were as follows:

Crab, sand	0.041 pound per dozen
	4.5 pounds per gallon
Crab, shore	0.013 pound per dozen
Mudsucker	0.465 pound per dozen
Mussel	80.000 pounds per sack
Sculpin, Pacific staghorn	0.465 pound per dozen
Shrimp, ghost	0.128 pound per dozen

2.7. REFERENCES

- Calif. Dept. Fish and Game. 1952. The commercial fish catch of California for the year 1950. Calif. Dept. Fish and Game, Fish Bull., (86) : 1-73.
- Frey, Herbert W. (Ed) 1971. California's living marine resources and their utilization. Calif. Dept. Fish and Game, Sacramento. 148p.
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- McAllister, Robert D. 1974. Statistical report of fresh, canned, cured and manufactured fishery products for 1974. Calif. Dept. Fish and Game, Circular, (49) : 1-19.
- Young, Parke H. 1969. The California partyboat fishery 1947-1967. Calif. Dept. Fish and Game, Fish Bull., (145): 1-91.

3. TABLES

TABLE 1
Common and Scientific Names of Species Reported in the 1974 Catch

Common name	Scientific name	Common name	Scientific name
FISHES			
Anchova, northern.....	<i>Engraulis mordax</i>	Salmon	<i>Oncorhynchus tshawytscha</i>
Barracuda, California.....	<i>Sphyraena argentea</i>	Pink.....	<i>Oncorhynchus gorbuscha</i>
Bass, rock.....	<i>Paralabrax clathratus</i>	Silver.....	<i>Oncorhynchus kisutch</i>
Kelp bass.....	<i>Paralabrax maculatus</i>	Sanddab.....	<i>Citharichthys sordidus</i>
Sand bass, barred.....	<i>Paralabrax maculatus</i>	Sardine, Pacific.....	<i>Sardinops sagax caeruleus</i>
Spotted sand bass.....	<i>Paralabrax maculatus</i>	Sargo.....	<i>Anisotremus davidi</i>
Blackfish, Sacramento.....	<i>Orthodon microlepidotus</i>	Sculpin.....	<i>Scorpaena guttata</i>
Blacksmith.....	<i>Chromis punctipinnis</i>	Sculpin, Pacific staghorn.....	<i>Lepidocottus armatus</i>
Butterfish, Pacific.....	<i>Pezulus simillimus</i>	Sea bass, giant.....	<i>Stereolepis gigas</i>
Bonito, Pacific.....	<i>Sarda chilensis</i>	Seabass, white.....	<i>Cynoscion nobilis</i>
Cabezon.....	<i>Scorpaenichthys marmoratus</i>	Senorita.....	<i>Oxyuris californica</i>
Cabrilla, spotted.....	<i>Epinephelus analogus</i>	Shad, American.....	<i>Alosa sapidissima</i>
Carp.....	<i>Cyprinus carpio</i>	Shark.....	Members of family Alopidae, Carcharhinidae, Lamnidae, and Squalidae
Croaker.....		Sheephead, California.....	<i>Pimelodopon pulchrum</i>
White.....	<i>Gymnocephalus lineatus</i>	Skates and Rays.....	Members of family Rhinobatidae, Rajidae, and Myliobatidae
Queenfish.....	<i>Seriola polita</i>	Smelt.....	
Dolphinfish.....	<i>Coryphaena hippurus</i>	Jacksmtel.....	<i>Atherinopsis californiensis</i>
Eel, wolf.....	<i>Anarrhichthys ocellatus</i>	Night.....	<i>Spirinchus starksii</i>
Flounder.....		Surf.....	<i>Hypomesus pretiosus</i>
Arrowtooth.....	<i>Atheresthes stomias</i>	Whitebait.....	<i>Allossmerus elongatus</i> and <i>Spirinchus starksii</i>
Starry.....	<i>Platichthys stellatus</i>	Sole.....	
Flyingfish.....	<i>Cypselurus spp.</i>	Butter.....	<i>Istigaster isolepis</i>
Greenling, kelp.....	<i>Hexagrammos decagrammus</i>	Dover.....	<i>Marsenotus pacificus</i>
Grenadier, California.....	<i>Nexumia stegidolepis</i>	English.....	<i>Parophrys reticulatus</i>
Pacific.....	<i>Oxyurichthys acrolepis</i>	Petrale.....	<i>Istigaster jordani</i>
Grouper.....	<i>Myxocephalus spp.</i>	Rex.....	<i>Glyptocephalus zachirus</i>
Hake, Pacific.....	<i>Merluccius productus</i>	Rock.....	<i>Lepidopelta bilineata</i>
Hardhead.....	<i>Mylopharodon conocephalus</i>	Sand.....	<i>Psettichthys melanostictus</i>
Halfmoon.....	<i>Medialuna californiensis</i>	Sucker, western.....	<i>Catostomus occidentalis</i>
Halibut, California.....	<i>Paralichthys californicus</i>	Swordfish.....	<i>Xiphias gladius</i>
Pacific.....	<i>Hippoglossus stenolepis</i>	Tuna.....	
Herring, Pacific.....	<i>Clupea harengus pallasi</i>	Albacore.....	<i>Thunnus alalunga</i>
Hitch.....	<i>Larimus exilicauda</i>	Bigeye.....	<i>Thunnus obesus</i>
Lamprey.....	<i>Lampris spp.</i>	Bluefin.....	<i>Thunnus thynnus</i>
Lingcod.....	<i>Ophiodon elongatus</i>	Skipjack, tuna.....	<i>Euthynus pelamis</i>
Mackerel, Jack.....	<i>Trachurus symmetricus</i>	Skipjack, black.....	<i>Euthynus lineatus</i>
Pacific.....		Yellowfin.....	<i>Thunnus albacares</i>
Moray, California.....	<i>Gymnothorax mordax</i>	Turbot.....	
Mudsucker, longjaw.....	<i>Gillichthys mirabilis</i>	Curlfin.....	<i>Pleuronichthys decurrens</i>
Mullet, striped.....	<i>Mugil cephalus</i>	Diamond.....	<i>Hypsoseta guttulata</i>
Opahye.....	<i>Girella nigricans</i>	Hornyhead.....	<i>Pleuronichthys verticalis</i>
Perch, ocean.....	Members of family Embiotocidae	Wahoo.....	<i>Acanthocybium solanderi</i>
Rockfish.....	Members of family Scorpaenidae	Whitefish, ocean.....	<i>Caulolatilus princeps</i>
Sablefish.....	<i>Anoplopoma fimbria</i>	Yellowtail.....	<i>Seriola dorsalis</i>
CRUSTACEANS			
Crab.....		Prawn.....	
Dungeness.....	<i>Cancer magister</i>	Ridgeback.....	<i>Eusicyonia ingentus</i>
Pelagic red.....	<i>Pleuroncodes planipes</i>	Spot.....	<i>Pandalus platyceros</i>
Rock.....	<i>Cancer spp.</i>	Shrimp.....	
Sand.....	<i>Emerita analoga</i>	Bay.....	<i>Crapo spp.</i>
Sheep.....	<i>Loxorhynchus spp.</i>	Ghost, Bay.....	<i>Calianassa californiensis</i>
Shore.....	<i>Hemigrapsus spp.</i>	Ocean, Pacific.....	<i>Pandalus jordani</i>
Crayfish.....	<i>Astacus troubridgei</i>	Red.....	<i>Hippolytus californica</i>
Lobster, spiny.....	<i>Panulirus interruptus</i>		
MOLLUSKS			
Abalone.....		Quahog, Northern.....	<i>Meretrix mercenaria</i>
Black.....	<i>Haliotis cracherodii</i>	Softshell.....	<i>Mya arenaria</i>
Green.....	<i>Haliotis fulgens</i>	Washington, common.....	<i>Sazidomus nuttalli</i>
Pink.....	<i>Haliotis corrugata</i>	Mussel.....	
Red.....	<i>Haliotis rufescens</i>	Bay.....	<i>Mytilus edulis</i>
Threaded.....	<i>Haliotis assimilis</i>	Sea.....	<i>Mytilus californianus</i>
White.....	<i>Haliotis sorenseni</i>	Octopi.....	<i>Polypus spp.</i>
Clam.....		Oyster.....	
Freshwater.....	<i>Corbicula fluminea</i>	Eastern.....	<i>Crassostrea virginica</i>
Jackknife, California.....	<i>Tagelus californianus</i>	Giant Pacific.....	<i>Crassostrea gigas</i>
Littleneck.....	<i>Protobranchia staminea</i>	Snail, sea.....	<i>Astrea spp.</i>
Purple.....	<i>Sanguinolaria nuttalli</i>	Squid, market.....	<i>Loligo opalescens</i>
Sea Urchin.....	<i>Strongylocentrotus franciscanus</i>		
ECHINODERM			
Bullfrog.....	<i>Rana catesbeiana</i>		
AMPHIBIA			

TABLE 1
Common and Scientific Names of Species Reported in the 1974 Catch

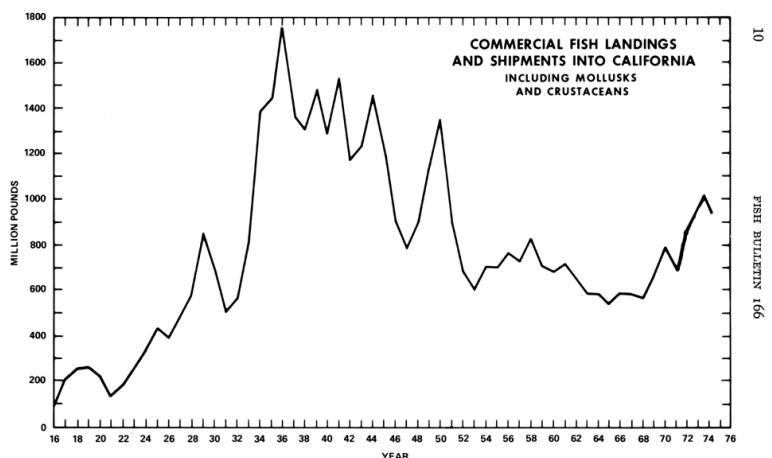


FIGURE 2. Total annual landings and shipments into California (see Table 2). Sardine deliveries to reduction ships, 1930–38 are included. Since 1965, tunas are the only species included in shipments.

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.....	65,003	1946.....	919,822
1917.....	209,740	1947.....	754,569
1918.....	241,134	1948.....	900,467
1919.....	266,270	1949.....	1,135,339
1920.....	222,094	1950.....	1,366,678
1921.....	135,348	1951.....	604,114
1922.....	182,343	1952.....	694,996
1923.....	253,575	1953.....	618,019
1924.....	340,446	1954.....	713,410
1925.....	437,502	1955.....	710,713
1926.....	394,964	1956.....	722,551
1927.....	457,166	1957.....	738,550
1928.....	583,527	1958.....	832,919
1929.....	856,854	1959.....	713,423
1930.....	702,189	1960.....	694,663
1931.....	502,390	1961.....	725,253
1932.....	556,139	1962.....	663,107
1933.....	821,316	1963.....	592,329
1934.....	1,390,798	1964.....	591,131
1935.....	1,448,017	1965.....	544,480
1936.....	1,784,400	1966.....	501,333
1937.....	1,362,584	1967.....	580,028
1938.....	1,310,596	1968.....	567,214
1939.....	1,486,535	1969.....	672,793
1940.....	1,297,518	1970.....	798,415
1941.....	1,528,892	1971.....	687,995
1942.....	1,173,414	1972.....	843,699
1943.....	1,234,049	1973.....	1,006,431
1944.....	1,459,456	1974.....	938,118
1945.....	1,216,301		

* Beginning in 1965 only tuna shipments are recorded.

† Beginning in 1972 commercial freshwater fish landings are reported separately and are not included in these totals.

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 *

1973			1974				
Species	Rank	Thousands of pounds	Species	Rank	Thousands of dollars		
Yellowfin tuna.....	1	279,084	\$72,191	Yellowfin tuna.....	1	263,053	\$77,421
Ahi, southern.....	2	262,672	262,672	Skipjack.....	2	253,585	67,231
Skipjack tuna.....	3	128,838	57,539	Albacore, northern.....	3	165,433	54,562
Albacore tuna.....	4	73,548	36,057	Albacore tuna.....	4	89,232	41,764
Pacific bonito.....	5	30,788	3,202	Squid, market.....	5	28,903	1,437
Bluefin tuna.....	6	27,359	7,006	Jack mackerel.....	6	25,458	1,496
Dover sole.....	7	22,486	2,276	Rockfish.....	7	21,499	2,814
Rockfish.....	8	22,052	2,251	Dover sole.....	8	19,087	2,198
Jack mackerel.....	9	20,616	962	Pacific bonito.....	9	18,818	2,512
Squid, market.....	10	12,062	435	Bluefin tuna.....	10	12,673	3,713
Salmon.....	11	9,669	8,991	Sablefish.....	11	12,039	1,202
Sablefish.....	12	8,550	661	Salmon.....	12	8,749	8,013
Sea urchin.....	13	3,595	280	Sea urchin.....	13	7,108	520
Lingcod.....	14	3,569	389	Pacific herring.....	14	5,260	557
English sole.....	15	3,210	444	Lingcod.....	15	3,824	506
Abalone.....	16	3,193	1,077	English sole.....	16	3,813	694
Petrale sole.....	17	2,877	559	Petrale sole.....	17	3,431	786
Pacific herring.....	18	2,819	1,08	Black skipjack.....	18	2,909	238
Bluefin tuna.....	19	1,753	531	Ocean shrimp.....	19	2,595	1,299
Rex sole.....	20	1,585	228	Ocean shrimp.....	20	2,387	602
All others.....	--	13,380	4,835	All others.....	--	12,210	5,557
Totals.....	--	1,006,431	\$206,571	Totals.....	--	938,118	\$223,992

* 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*	
	1973-74	1974-75
Eureka.....	1,993	2,200
Sacramento.....	513	711
San Francisco.....	2,318	3,069
Monterey.....	1,097	1,351
Santa Barbara.....	1,387	1,682
Los Angeles.....	2,499	2,782
San Diego.....	1,717	1,920
Alaska, Washington and Oregon fishermen licensed in California.....	550	733
Mexican nationals licensed in California.....	22	48
Other.....	57	59
Totals.....	12,153	14,555

* April 1 to March 31.

TABLE 4
Number of Licensed Commercial Fishermen

TABLE 5
Number of Registered Fishing Boats by Length

Length group in feet	License year*		Length group in feet	License year*	
	1973-74	1974-75		1973-74	1974-75
0- 10.....	4	4	101-105.....	5	5
11- 15.....	163	186	106-110.....	5	5
16- 20.....	1,119	1,383	111-115.....	5	6
21- 25.....	870	1,240	116-120.....	8	9
26- 30.....	842	955	121-125.....	4	2
31- 35.....	684	752	126-130.....	3	1
36- 40.....	860	936	131-135.....	7	6
41- 45.....	435	450	136-140.....	10	10
46- 50.....	306	320	141-145.....	1	1
51- 55.....	141	151	146-150.....	0	0
56- 60.....	136	165	151-155.....	17	16
61- 65.....	107	116	156-160.....	4	5
66- 70.....	31	40	161-165.....	3	3
71- 75.....	37	43	166-170.....	4	3
76- 80.....	29	31	171-175.....	6	5
81- 85.....	22	23	176-180.....	2	0
86- 90.....	10	11	181 and over.....	35	34
91- 95.....	9	9	Total.....		
96-100.....	8	6		5,932†	6,932‡

* April 1 to March 31.

† The owners of 390 boats were issued fishing party licenses in 1973-74.

‡ The owners of 370 boats were issued fishing party licenses in 1974-75.

TABLE 5
Number of Registered Fishing Boats by Length

TABLE 6
Origin of Shipments Received for Processing in California during 1974 *

Shipped from:	Species	Pounds shipped to each area		Total pounds
		Los Angeles	San Diego	
Oregon, Washington, Canada and Alaska:				
Tuna, albacore.....	29,146,940	5,102,686		34,249,626
Mexico and Central America:				
Tuna, bigeye.....	42,558			42,558
Tuna, skipjack.....	1,283,559	4,772		1,288,331
Tuna, yellowfin.....	2,394,279	311,813		2,706,092
South America:				
Tuna, albacore.....	249,150	--		249,150
Tuna, skipjack.....	7,208	--		7,208
Tuna, yellowfin.....	130,518	--		130,518
Japan:				
Tuna, albacore.....	28,701,674	98,586		28,800,260
Tuna, bigeye.....	47,064	--		47,064
Tuna, skipjack.....	112,840,709	11,833,308		124,674,017
Tuna, yellowfin.....	3,702,762	--		3,702,762
Australia and New Zealand:				
Tuna, albacore.....	1,913,895	--		1,913,895
Tuna, bluefin.....	844,803	--		844,803
Tuna, skipjack.....	841,560	--		841,560
Tuna, skipjack, black.....	670	--		670
China (Formosa):				
Tuna, albacore.....	705,774	--		705,774
Tuna, bluefin.....	221,965	--		221,965
Tuna, skipjack.....	64,570	--		64,570
Tuna, yellowfin.....	680,173	--		680,173
Malaya:				
Tuna, albacore.....	6,631,707			6,631,707
Tuna, yellowfin.....	329,682	43,167		372,849
South Pacific Islands:				
Tuna, albacore.....	4,676,520	--		4,676,520
Tuna, bigeye.....	170,542			170,542
Tuna, skipjack.....	26,244,692	560,261		26,804,953
Tuna, yellowfin.....	2,398,344	--		2,398,344
Africa:				
Tuna, albacore.....	155,558	--		155,558
Tuna, bigeye.....	199,416	--		199,416
Tuna, skipjack.....	7,184,553	--		7,184,553
Tuna, yellowfin.....	537,700	--		537,700
Philippines:				
Tuna, albacore.....	43,648	--		43,648
Tuna, bigeye.....	268,525	--		268,525
Tuna, skipjack.....	5,963,233	687,612		6,650,845
Tuna, yellowfin.....	5,749,448	199,971		5,949,419
Korea:				
Tuna, skipjack.....	1,881,075	212,872		2,093,947
Tuna, yellowfin.....	465,058	--		465,058
Total pounds.....	246,719,532	19,055,048		265,774,580

* Beginning in 1965 only tuna shipments are recorded.

TABLE 6
Origin of Shipments Received for Processing in California during 1974

TABLE 7
Origin of Commercial Fish Landings and Volume of Shipments into California during 1974

Species	Landings of catches from					Tuna shipments*	Grand total
	California waters	Waters north of State	Waters south of State	Central Pacific waters	Total pounds		
Fish:							
Anchova, northern.....	165,433,480	---	22	---	165,433,480	---	165,433,480
Araucuda, California.....	55,476	---	---	---	55,476	---	55,476
Billfish, Pacific.....	24,263	---	---	---	24,263	---	24,263
Bonito, Pacific.....	13,777,286	---	5,040,380	---	18,817,766	---	18,817,766
Butterfish, Pacific.....	57,364	---	---	---	57,364	---	57,364
Catfish.....	14,901	---	---	---	14,901	---	14,901
Cowfish, white.....	514,317	---	2,375	---	514,317	---	514,317
Dolphinfish.....	237	---	---	---	237	---	237
Eel.....	302	---	---	---	302	---	302
Fish, total.....	493,729	2,385	---	---	502,511	---	502,511
Flounder, arrowtooth.....	157,811	22,669	---	---	210,510	---	210,510
Flyingfish.....	72,726	---	---	---	72,726	---	72,726
Grenadiers.....	70,881	1,322	14,923	---	72,003	---	72,003
Hake, Pacific.....	32,070	140	14,923	---	11,023	---	11,023
Halfmoon.....	7,921	---	---	---	7,921	---	7,921
Halibut, California.....	306,290	---	189	---	306,479	---	306,479
Herring, Pacific.....	5,250,774	---	---	---	5,302,774	---	5,302,774
Jaggedtooth, Pacific.....	3,17,583	---	76,424	---	3,824,107	---	3,824,107
Mackerel, jack.....	25,457,413	---	180	---	25,457,503	---	25,457,503
Mackerel, Pacific.....	133,446	---	---	---	133,446	---	133,446
Mudskipper, longjaw.....	1,756	---	---	---	1,756	---	1,756
Northern anchovy.....	429	---	---	---	329	---	329
Opah.....	9,567	---	280	---	9,567	---	9,567
Perch.....	147,806	---	280	---	148,086	---	148,086
Quillfish.....	75,739	---	---	---	75,739	---	75,739
Rockfish.....	21,168,388	291,830	44,246	---	21,459,414	---	21,459,414
Sablefish.....	11,665,541	372,701	401	---	12,038,542	---	12,038,542
Salmon.....	8,749,013	401	---	---	8,749,013	---	8,749,013
Seabass, black.....	973	4,513	---	---	2,276	---	2,276
Seadragon, Pacific.....	11,030	---	---	---	14,050	---	14,050
Sargo.....	2,735	---	74,057	---	2,755	---	2,755
Solefish.....	83,776	---	41,955	---	157,833	---	157,833
Swordfish.....	29,474	---	465,780	---	50,475	---	50,475
Sebastodes, white.....	256,716	---	465,780	---	752,496	---	752,496
Shark.....	434,886	---	62,473	---	497,350	---	497,350
Sheepshead, California.....	3,711	---	10	---	3,721	---	3,721
Skate.....	42,432	3,666	---	---	60,153	---	60,153
Smelt.....	479,312	---	---	---	479,312	---	479,312
Smelt, whitebait.....	289,532	---	---	---	289,532	---	289,532

TABLE 7
Origin of Commercial Fish Landings and Volume of Shipments into California during 1974

Sole, Dover.....	17,811,995	1,275,490	19,087,485	...	19,087,485
Sole, petrale.....	3,391,706	65,979	3,430,593	...	3,430,593
Sole, rock.....	1,307,988	73,749	1,381,737	...	1,381,737
Sole, sculpin.....	2,727,728	2,235	239,948	...	239,948
Sole, miscellaneous.....	31,571	490	32,464	...	32,464
Swordfish.....	649,502	602	...	602
Tuna, albacore.....	8,939,185	2,671,847	185,118	...	11,306,150	77,426,138	89,232,288
Tuna, bluefin.....	1,399,127	...	290,180	...	1,195,702	1,031,331	1,031,331
Tuna, skipjack.....	121	...	50,030,364	38,056	69,975,341	169,600,084	220,585,234
Tuna, skipjack, black.....	147,810	...	2,810,568	...	2,958,378	670	2,659,048
Tuna, yellowfin.....	84,092	...	246,026,397	...	246,10,479	16,942,915	263,055,264
Wahoo.....	20,203	178	203	...	203
Whitefish, ocean.....	4,677	...	4,677	...	4,677	...	4,677
Yellowtail.....	2,359	...	101,312	...	2,359	...	2,359
Yellowtail, ocean.....	103,645	294,557	...	204,657
Miscellaneous (animal food).....	33,151	30,151	...	30,151
63,876	410	64,286	...	64,286
Crustacean:							
Crab, Dungeness.....	683,999	1,031	685,000	...	685,000
Crab, Jonah.....	157	...	138,850	...	138,850	...	138,850
Crab, rock.....	864,033	864,033	...	864,033
Crab, spiny.....	53	52	...	52
Crab, California, spiny.....	190,959	190,959	...	190,959
Prawn, ridgeback.....	4,015	4,015	...	4,015
Prawn, spot.....	218,167	218,167	...	218,167
Shrimp, bay.....	2,391	2,391	...	2,391
Shrimp, Pacific Ocean.....	2,361,970	25,396	2,387,366	...	2,387,366
Echinoderms:							
Sea urchin.....	7,107,815	7,107,815	...	7,107,815
Mollusk:							
Abalone, black.....	1,145,396	1,145,396	...	1,145,396
Abalone, green.....	121,563	121,563	...	121,563
Abalone, purple.....	455,234	455,234	...	455,234
Abalone, pinto.....	293	293	...	293
Abalone, red.....	751,060	751,060	...	751,060
Abalone, threaded.....	7,692	7,692	...	7,692
Abalone, white.....	113,763	113,763	...	113,763
Octopus.....	31,203	...	1,335	...	32,538	...	32,538
Oyster, eastern.....	2,177	2,177	...	2,177
Oyster, giant Pacific.....	197,365	197,365	...	197,365
Snail, sea.....	4,509	4,509	...	4,509
Spiny oyster.....	28,901,218	...	460	...	28,901,218	...	28,901,218
Miscellaneous mollusk.....	236	236	...	236
Total pounds.....	341,858,387	4,990,657	325,459,243	35,956	672,344,243	265,774,580	938,118,823

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

TABLE 8—Cont'd.

TABLE 8 Monthly Landings and Shipments into California during 1974

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
LANDINGS:													
Anchoa northern.....	16,436,023	26,637,532	5,271,634	14,807,777	332,056	171,333	369,035	2,761,105	6,328,416	12,325,395	50,784,565	29,208,286	105,433,480
Barracuda, California.....	286	196	521	8,143	6,322	10,350	3,418	6,091	711	402	38	20	24,498
Bass, striped.....	236,339	101,060	104,698	116,305	47,559	1,232,548	2,119,217	3,511,921	4,069,578	3,022,475	2,337,304	1,927,448	24,903
Bonito, Pacific.....	2,213	4,465	7,014	8,241	9,009	3,712	4,215	7,318	8,778	16,692	12,691	919	87,264
Cabazon.....	1,404	—	738	2,340	1,999	2,053	657	745	1,498	1,526	291	1,017	633
Cod, green.....	24,597	46,447	47,000	49,400	72,072	55,000	86,000	130,000	30,000	310,000	171,000	42,300	140,000
Dolphinfish.....	—	—	705	113	6	—	29	1,709	48	141	—	—	2,835
Halibut.....	34,434	37,335	27,589	16,224	33,069	16,056	20,222	81,453	108,553	69,437	37,361	22,559	502,311
Pounder, arrowtooth.....	19,967	28,469	29,710	28,011	22,721	21,836	24,394	15,183	14,365	3,640	42	1,541	210,510
Flyingfish.....	—	—	—	—	13,265	12,971	12,451	22,029	2,070	—	—	—	72,726
Grenadiers.....	1,663	5,509	600	2,312	8,851	11,494	21,407	6,864	3,827	3,526	3,768	1,782	72,003
Hake, Pacific.....	—	124	260	809	2,745	16,287	2,575	5,844	2,063	355	—	270	14,022
Hallumon.....	322	1,136	1,806	520	909	462	26	542	491	175	462	1,070	7,921
Hallibut, California.....	13,934	2,046	40,774	12,389	14,621	17,305	28,530	27,109	27,016	21,111	34,430	35,132	306,479
Herring, Pacific.....	2,000	2,000	400	400	400	400	400	400	400	400	400	400	5,617
Lingcod, Pacific.....	96,563	115,230	138,416	178,600	327,786	570,940	571,333	620,281	565,357	348,461	189,700	102,280	3,824,107
Mackerel, jack.....	1,278,650	1,581,765	198,593	949,467	3,118,368	630,481	5,435,754	4,503,696	640,360	3,415,431	3,338,561	366,178	25,457,593
Mackerel, Pacific.....	10,136	50,430	—	73	—	—	11,738	2,035	1,420	200	56,474	—	133,446
Mullet, longjaw.....	74	68	152	187	324	66	177	108	107	107	264	88	1,279
Mullet, sand.....	—	—	207	207	75	63	63	311	4	48	89	—	9,567
Opahs.....	—	1,207	520	148	910	1,254	1,532	3,647	170	311	5,803	6,584	15,050
Perch.....	8,167	13,556	19,458	23,401	3,724	5,217	15,436	21,325	16,949	8,586	—	—	73,276
Quinnat.....	1,445	2,003	3,875	7,322	13,535	22,530	7,400	6,883	7,100	9,667	8,192	635	75,759
Rockfish, black.....	1,428,600	1,178,200	1,029,500	1,569,000	1,392,000	1,120,000	1,832,000	2,033,000	2,163,000	2,7,287,484	2,101,555	1,383,366	21,498,981
Sablefish.....	571,827	824,181	1,105,098	1,071,578	738,472	1,176,494	1,017,583	882,787	1,033,188	1,169,443	1,348,082	1,099,439	12,058,542
Salmon.....	—	—	—	—	—	—	—	—	—	—	—	—	5,141
Salmon, chinook.....	76,367	56,769	97,769	193,909	37,287	101,967	131,344	158,970	84,460	51,943	31,473	—	973,276
Sardine, Pacific.....	400	7,600	—	—	—	—	6,150	—	—	—	—	—	14,020
Sargo.....	—	—	—	—	—	—	2,190	565	—	—	—	—	2,755
Solepin.....	—	—	—	—	—	—	—	—	—	—	—	—	—
Sole, English.....	1,146	5,610	2,684	2,001	5,134	5,475	50,482	27,510	3,462	1,346	2,282	2,352	17,833
Sole, Dover.....	5,827	12,734	10,130	7,534	8,320	2,234	19,160	19,160	31	20,711	4,450	30,130	84,111
Sole, rex.....	2,968	15,720	2,728	8,650	27,249	55,334	103,327	96,143	125,902	106,148	27,193	105,404	752,496
Sole, sand.....	12,893	35,067	25,874	37,703	59,448	70,276	42,246	5,931	95	27,193	—	—	289,532
Sole, miscellaneous.....	261	1,979	2,071	299	1,619	1,293	3,229	3,845	4,214	2,465	6,089	5,000	32,464
Swordfish.....	—	—	434	665	641	15,901	94,788	31,942	106,148	244,432	152,441	14,071	649,492

TABLE 8 Monthly Landings and Shipments into California during 1974

Tuna, albacore	19	...	1,430	1,158	56,738	1,551,372	1,668,098	2,571,306	5,650,872	299,137	2018	11,806,500	
Tuna, bigeye	9,490	...	50,647	2,823,222	4,820,161	2,833,562	321,404	551,555	195,370	20,139	
Tuna, bluefin	9,490	...	50,647	2,823,222	4,820,161	2,833,562	321,404	551,555	195,370	20,139	
Tuna, skipjack	30,625	1,345,756	5,285,913	3,765,254	13,047,445	13,925,077	4,081,563	2,885,897	1,675,367	1,045,142	5,809,965	95,771,341	
Tuna, skipjack, black	...	1,345,756	703	4,066,791	...	652,500	12,917,945	80,145	12,917,945	171,298	703,313	2,585,378	
Tuna, yellowfin	112,632	11,445,200	54,652,035	12,785,750	32,659,154	33,388,114	1,745,200	23,311,173	15,721,133	14,033,781	5,588,111	1,523	20,081
Turbot	3,925	...	975	882	165	1,201	...	1,340	844	627	558	1,114	
Wallop	975	882	2,342	271	940	1,124	
Whiting, ocean	4,251	4,205	1,552	3,258	30,165	10,355	3,513	40,491	611	577	1,002	11	
Miscellaneous	357	60	103	37,604	82	223	194	376	377	187	119	246	
Miscellaneous (animal food)	4,640	2,840	15,267	22,750	567	...	9,430	855	8,703	283	977	64,286	
Coral													
Crab, burghers	128,182	105,727	100,461	76,160	64,810	17,945	1,384	4,324	...	45,269	41,301	685,000	
Crab, pelagic red	...	68,120	70,536	107	138,919	
Crab, rock	63,538	69,023	74,514	55,762	75,765	78,469	88,302	73,206	57,583	64,191	65,145	88,023	
Lobster, California spiny	30,843	28,843	28,166	1,106	53,468	34,675	26,520	
Prawn, ridgeback	...	128	23	196	1,605	...	533	894	128	4,015	
Prawn, spot	25,881	23,069	22,997	22,258	25,395	30,101	12,129	9,945	16,710	14,306	
Shrimp, bay	236	1,581	247	574	...	
Shrimp, Pacific Ocean	125,620	399,795	636,451	434,580	462,703	65,849	262,561	...	2,587,366	
Echinoderms													
Sea urchin	660,072	804,042	609,928	440,054	385,646	486,161	558,000	718,891	588,492	491,321	604,551	759,357	
Mollusks													
Absalone, black	124,338	2,837	65,513	47,478	89,443	138,006	213,440	...	190,175	137,070	103,194	63,462	
Absalone, green	15,713	363	12,189	16,833	16,588	6,461	2,655	1,755	...	11,062	7,152	12,067	
Absalone, green, white	51,100	751	45,215	42,723	48,856	1,755	1,755	1,755	...	4,317	31,408	39,717	
Absalone, pinto	74,676	157	102,749	63,214	73,796	67,437	103,368	355	96,017	54,001	65,465	49,923	
Absalone, threaded	769	...	762	1,234	974	327	549	...	888	885	885	789	
Octopus, black	775	775	1,204	1,204	1,307	1,307	1,307	1,307	1,307	1,307	1,307	1,307	
Octopus, red	3,809	3,047	5,578	2,163	1,377	2,838	2,838	2,838	2,838	2,838	2,838	1,642	
Oyster, eastern	181	108	100	165	201	153	157	190	197	127	296	194	
Oyster, giant Pacific	73,570	69,651	57,288	59,466	75,128	56,380	47,536	43,388	31,883	77,472	111,787	196,604	
Snail, sea	617	572	345	345	30	30	30	30	11	1004	556	567	
Spiny market	2,889,575	3,526,800	3,248,330	2,345,301	4,565,000	6,480,000	1,712,000	335,520	5,091	390,100	380,000	468,000	
Miscellaneous mollusk	...	104	55	238	
Total pounds.	28,467,635	51,162,706	75,669,752	43,394,205	62,414,949	63,144,360	46,150,090	52,755,676	43,095,615	48,550,903	85,197,742	68,135,589	
SHIPPING:													
Fish:													
Tuna, albacore	4,716,171	5,958,270	3,430,200	3,332,701	3,217,492	5,000,962	9,282,086	17,343,861	12,303,413	7,405,171	3,080,986	1,878,475	77,126,145
Tuna, bluefin	2,363,000	2,363,000	2,363,000	2,363,000	2,363,000	2,363,000	2,363,000	2,363,000	2,363,000	2,363,000	2,363,000	2,363,000	
Tuna, bluefin	32,426	12,955	7,535,553	600,562	...	157,000	150,320	39,070	166,768	
Tuna, skipjack	17,846,011	13,628,062	22,671,213	21,812,813	9,777,987	9,047,284	4,062,976	10,105,368	10,105,368	13,320,430	13,320,962	16,809,012	169,609,841
Tuna, yellowfin	2,287,869	95,778	409,318	601,157	405,412	765,109	1,319,230	1,467,980	3,141,137	91,811	2,845,675	18,716,416	
Total pounds.	25,104,140	19,920,700	26,392,910	26,125,737	13,409,811	15,580,464	20,136,106	29,011,729	28,162,000	21,700,292	19,575,723	20,583,674	
Grand total.	53,972,164	74,083,164	102,062,069	69,200,132	75,815,840	79,924,906	78,116,7405	71,298,113	70,253,993	49,107,748	69,797,402	65,774,163	

17

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

TABLE 8—*Cont'd.*

TABLE 9
Monthly Landings of Commercial Fishing Boats in the Eureka Area during 1974

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
LANDINGS FROM:													
California waters:													
Fish:													
Achovoy, northern.....	215	206	118	---	---	470	470	---	---	---	---	940	
Cabezon.....	215	206	9	---	---	25	5	---	---	---	---	552	
Eel.....	21,595	2,621	3,115	4,643	4,666	10,215	12,749	48,202	68,925	42,001	9,610	15,424	241,172
Flounder, arrowtooth.....	19,427	26,866	25,597	21,458	16,392	11,693	15,843	12,874	14,365	3,640	42	1,541	169,470
Grenadiers.....	738	2,125	---	684	8,851	11,454	21,322	6,864	3,827	3,526	3,768	1,782	64,941
Hake, Pacific.....	---	---	362	---	16,126	194	194	---	---	---	---	16,837	
Halibut, California.....	---	---	---	30	49	---	---	4,026	---	---	800	4,108	
Herring, Pacific.....	47,779	74,342	---	---	---	206,426	332,573	351,361	155,452	56,291	15,631	123,251	
Lingcod.....	41,573	31,098	32,010	50,814	110,169	206,433	206,426	332,573	351,361	155,452	56,291	15,631	1,870,378
Mackerel, jack.....	940	721	4,439	4,216	267	237	543	7,161	2,161	1,031	363	4,123	
Perch.....	---	---	---	---	---	---	11,967	11,967	11,967	11,967	11,967	11,967	
Rockfish.....	445,903	443,497	487,953	536,586	340,226	557,496	670,393	684,944	956,273	934,405	713,172	450,984	7,221,532
Sablefish.....	280,583	395,802	594,975	544,616	281,430	564,203	410,453	252,446	327,491	390,469	600,482	427,059	5,016,172
Salmon.....	192	192	192	192	192	1,812,393	1,485,253	1,484,253	1,475,541	37,498	1,25,500	1,25,500	
Sandlabb.....	28,207	17,475	38,499	33,107	21,363	24,216	19,272	58,210	53,135	27,642	11,945	1,553	334,529
Shark.....	1,021	610	68	20	189	274	86	1,214	1,412	2,254	1,383	8,621	
Skate.....	2,342	1,847	4,065	5,107	3,792	2,247	1,532	4,712	3,230	7,768	2,794	1,703	40,939
Smelt.....	192	2	192	192	192	192	192	192	192	192	192	192	391,313
Smelt, whitebait.....	12,893	34,029	24,825	33,733	54,360	66,559	41,718	4,875	---	---	---	---	272,984
Sole, Dover.....	461,693	1,002,486	1,562,183	2,013,947	1,017,946	2,018,592	1,678,990	1,205,000	1,340,355	1,103,905	1,126,972	1,038,646	15,661,717
Sole, English.....	141,661	57,463	99,979	132,753	90,744	98,179	142,067	324,368	386,170	269,623	50,414	23,362	1,756,813
Sole, Halibut.....	426,081	110,626	92,297	32,750	50,340	50,340	29,200	90,180	100,180	104,960	154,178	261,365	1,025,365
Sole, rx.....	112,988	72,657	51,377	21,796	62,108	53,965	72,944	45,324	117,743	74,317	49,381	56,736	928,334
Sole, sand.....	9,695	5,102	5,037	8,386	2,363	2,482	3,143	7,943	7,447	17,224	9,656	6,471	84,945
Sole, miscellaneous.....	---	---	23	396	250	85	111	381	1,099	234	2,570		
Tuna, albacore.....	1,875	1,075	736	1,450	1,158	15	1,469,814	1,316,887	329,961	63,851	311	203	5,266
Miscellaneous.....	39	1,075	736	882	21	49	1	8	311	203	3	499	
Miscellaneous (animal food).....	---	---	4,787	---	6	---	200	161	3	60	---	---	4,787

TABLE 9
Monthly Landings of Commercial Fishing Boats in the Eureka Area during 1974

Crustaceans											Mollusks																	
Crab, Dungeness.....	58,690	105,115	79,960	51,074	43,041	9,329	1,384	4,324	142,829	...	789	335,906	Shrimp, Pacific Ocean.....	115,412	386,782	632,541	433,855	462,023	16,492	142,829	2,190,534			
Echinoderm: Sea urchin.....											Total pounds.....																	
Mollusk:											Total pounds.....																	
Octopus.....	2,303	3,348	2,439	1,675	1,121	1,472	1,285	1,577	2,313	1,701	792	305	20,473	Octopus, giant Pacific.....	54,112	60,915	36,049	44,650	51,824	30,740	11,245	10,174	44,132	50,132	59,338	476,533		
Miscellaneous mollusk.....	65	104	—	—	—	—	—	—	—	—	—	169	—	—	—	—	—	—	—	—	—	—	169					
Total pounds.....											Total pounds.....											Total pounds.....						
Waters north of State:	2,175,643	2,535,950	3,175,458	3,807,270	4,079,525	5,897,772	6,93,345	5,625,945	4,242,157	3,315,661	2,851,181	2,362,074	46,915,700	Fish:	—	—	—	—	—	—	—	—	—	—	—			
Herring.....	64	532	150	147	25	—	—	476	446	—	712	5,453	—	—	—	—	—	—	—	—	—	—	—					
Baldhead, swordtooth.....	275	—	573	5,783	5,607	7,791	2,310	—	—	—	—	—	22,600	—	—	—	—	—	—	—	—	—	—	—				
Grenadiers.....	—	234	—	1,088	135	—	—	—	—	—	—	—	1,322	—	—	—	—	—	—	—	—	—	—	—				
Hake, Pacific.....	—	—	—	—	—	—	—	—	—	—	—	—	140	—	—	—	—	—	—	—	—	—	—	—				
Lingcod.....	—	659	851	9,157	19,296	20,396	9,557	3,465	7,118	3,274	—	2,451	76,409	—	—	—	—	—	—	—	—	—	—	—				
Rockfish.....	2,656	28,693	26,547	77,398	47,070	23,002	20,204	637	16,710	19,712	—	31,584	291,930	Solefish.....	—	—	—	—	—	—	—	—	—	—	—	—		
Sablefish.....	6,156	40,533	35,854	153,053	45,539	44,993	13,192	2,017	3,924	12,653	—	26,155	372,701	Salmon.....	—	—	—	—	—	—	—	—	—	—	—	—		
Salmon.....	—	—	—	—	—	—	—	—	—	—	—	—	401	—	—	—	—	—	—	—	—	—	—	—				
Sea trout.....	—	46	457	100	650	55	1,046	—	—	—	—	—	2,185	265	—	—	—	—	—	—	—	—	—	—				
Skate.....	—	—	—	—	—	—	—	—	—	—	—	—	223	—	—	—	—	—	—	—	—	—	—	—				
Shark, sand.....	—	136	271	204	1,029	1,296	507	—	—	—	—	—	226	—	—	—	—	—	—	—	—	—	—	—				
Sole, Dover.....	13,221	53,386	130,208	306,982	178,757	135,926	88,246	8,579	41,229	57,223	—	174,832	1,375,490	Sole, English.....	—	—	—	—	—	—	—	—	—	—	—	—		
Sole, English.....	—	3,841	15,576	2,929	13,715	12,479	10,651	5,173	19,409	8,134	—	1,172	9,879	Sole, petraleo.....	—	—	—	—	—	—	—	—	—	—	—	—		
Sole, petraleo.....	—	360	1,024	4,168	3,882	3,093	19,441	16,703	1,338	5,792	1,571	—	5,004	65,979	Sole, sand.....	—	—	—	—	—	—	—	—	—	—	—	—	
Sole, sand.....	—	1,463	8,043	1,000	1,000	6,674	4,202	416	5,165	1,165	—	4,202	47,350	Sole, miscellaneous.....	—	—	—	—	—	—	—	—	—	—	—	—		
Turbot.....	—	—	—	—	—	—	—	—	—	—	—	—	490	—	—	—	—	—	—	—	—	—	—	—				
Mollusk: (animal food).....	—	—	—	—	—	—	—	—	—	—	—	—	178	—	—	—	—	—	—	—	—	—	—	—				
Crustaceans.....	—	—	—	—	—	—	—	—	—	—	—	—	1,031	—	—	—	—	—	—	—	—	—	—	—				
Crustaceans.....	—	—	—	—	—	—	—	—	—	—	—	—	25,396	—	—	—	—	—	—	—	—	—	—	—				
Mollusk:											Total pounds.....											Total pounds.....						
Octopus.....	—	—	10	218	125	505	356	—	131	—	—	—	1,335	—	—	—	—	—	—	—	—	—	—	—				
Total pounds.....	24,623	136,099	210,954	617,198	346,375	277,032	167,443	21,825	154,928	114,061	—	248,292	23,818,810	Grand total.....	2,200,266	2,675,058	3,396,392	4,424,468	4,425,900	6,174,804	7,110,788	5,550,670	4,397,085	3,492,729	2,851,181	—	2,611,266	49,237,800

TABLE 9—*Cont'd.*

TABLE 10
Monthly Landings of Commercial Fishing Boats in the San Francisco Area during 1974

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
LANDINGS FROM:													
Cannery waters:													
Fish:													
Anchovy, northern.....	955	115	2,850	117,350	107,900	75,350	80,317	162,150	96,050	110,825	73,035	12,359	830,107
Croaker, white.....	1,260	580	1,273	4,622	5,637	7,786	6,232	5,773	6,203	5,460	4,440	987	50,253
Eel.....	4,547	14,554	13,095	2,165	23,364	2,560	3,101	1,947	25,908	28,761	20,763	21,944	3,339
Flounder.....	205	1,718	2,430	1,270	655	2,430	6,028	2,311	18,271
Flounders, smooth.....	255	3,550	600	540	...	40	85	12	5,740
Grounders.....	2,275	6,575	1,251	630	217	241	1,400	16,401	2,888	1,361	8,116	6,080	51,476
Hallmon.....	1,255	3,550	1,251	630	217	241	1,400	16,401	2,888	1,361	8,116	6,080	4,927,852
Herring, Pacific.....	2,112,694	2,814,698	550
Lingcod.....	25,601	39,914	24,591	27,365	54,654	142,100	220,210	154,466	60,830	69,901	43,538	29,957	884,115
Mackerel, jack.....	11	85	132	51	66	721	253	1,571	1,640	1,640	1,640	129	4,365
Mackerel, longjaw.....	3,896	5,513	8,886	11,009	324	66	198	198	107	255	50	178	1,780
Porgy.....	151,710	180,551	121,399	95,639	56,529	153,614	284,591	335,927	204,346	283,063	165,972	135,880	42,710
Rockfish.....	76,136	83,024	69,948	62,531	6,508	39,650	61,064	28,206	71,092	114,053	47,311	41,478	704,304
Sablefish.....	31,206	26,290	51,015	61,273	541,273	437,268	629,912	621,731	337,015	195,794	170,120	170,120	2,741,074
Salmon.....
Sea bass, giant.....
Seabass, white.....
Shark.....	5,230	4,296	690	1,203	225	2,838	6,077	25,905	10,622	21,281	14,478	6,513	92,886
Sole, black.....	390	1,450	1,450	65	65	180	1,725	1,400	204	709	209	709	7,548
Sole, petrale.....	2,765	14,750	675	4,288	1,729	5,983	3,098	968	282	155	34,703
Sole, whitebelly.....	124,780	319,887	301,675	322,467	57,950	169,695	122,897	135,231	141,881	98,823	69,204	83,107	1,953,508
Sole, English.....	125,262	120,034	99,669	59,980	30,106	50,700	75,806	71,650	171,188	142,265	120,371	198,100	1,272,670
Sole, petrale.....	96,486	89,711	53,195	87,486	29,185	65,420	93,457	86,499	115,431	131,966	89,752	56,126	99,704
Sole, rex.....	20,261	21,376	19,047	13,833	1,967	11,415	15,042	18,347	25,831	27,676	17,401	14,208	1,208
Sole, sand.....	11,760	2,421	11,083	3,620	3,000	2,140	3,005	4,328	13,393	15,433	20,180	22,083	116,124
Sole, unclassified.....	...	715	1,085	1,759	2,629	2,650	1,310	3,140	1,495	15,083

TABLE 10
Monthly Landings of Commercial Fishing Boats in the San Francisco Area during 1974

Swordfish.....	8,883	31,191	60,973	677	222,355	3,545	2,660	677	
Tuna, albacore.....	10	10	10	
Tuna, skipjack.....	740	2,530	80	1,150	1,555	130	22	49	1,320	7,576
Turbot.....	119	246	365	365
Miscellaneous.....
Crustaceans:													
Dungeness.....	55,981	68,092	15,175	5,196	80	43,989	34,675	223,178
Shrimp, bay.....	5,721	236	1,581	574	...	2,391
Shrimp, Pacific Ocean.....	49,533	110,785	165,839
Echinoderm:													
Hagfish.....	21,800	13,800	35,600
Mollusk:													
Avalone, pinto.....	416	...	225	2,245	1,806	4,260	17,281	...	8,695	2,181	2,136	749	40,943
Avalone, red.....	2
Oyster, bay.....	367	1,222	662	173	63	1,201	1,257	190	227	199	236	191	9,500
Oyster, eastern.....	181	168	103	193	294	153	157	177	177	191	247	247	2,177
Oyster, giant Pacific.....	13,914	12,456	14,212	9,610	14,670	16,562	17,956	17,569	16,717	16,632	18,465	18,741	188,551
Miscellaneous mollusk.....	5	5
Total pounds.....	2,892,599	3,872,233	815,357	1,449,975	854,689	1,402,763	1,708,664	1,557,480	1,540,846	1,439,688	807,986	723,348	19,095,828
Waters north of State:													
Fish:													
Tuna, albacore.....	20,507	...	36,270	56,777
Total pounds.....	20,507	...	36,270	56,777
Grand total.	2,892,599	3,872,233	815,357	1,449,975	854,689	1,402,763	1,708,664	1,577,987	1,540,846	1,475,958	807,986	723,348	19,122,405

MARINE
FISH
LANDINGS
FOR 1974

21

TABLE 10—Cont'd.

TABLE 11
Monthly Landings of Commercial Fishing Boats in the Monterey Area during 1974

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
LANDINGS FROM:													
California waters:													
Fish													
Herring, northern.....	130,000	564,050	553,000	311,675	2,200	115,605	89,075	582,410	1,211,500	5,544,210	225,800	10,138,615
Bonito, Pacific.....	1,711	7,400	3,871	511	445	412	1,498	760	2,895
Salmon, Pacific.....	1,681	410	1,078	312	629	303	98	171	14,937
Cabalio.....	1,668	275	2,025	1,425	2,680	35,979	45,018	1,015	2,651
Croaker, white.....	1,668	275	2,025	1,425	2,680	35,979	45,018	1,015	2,651	4,330	3,570	2,201	106,737
Eel.....	15
Flounder.....	6,523	12,412	3,944	4,146	2,347	2,905	4,911	7,062	7,054	5,642	5,065	2,612	64,423
Gurnard, Pacific.....	1,700
Halibut, California.....	2,349	1,011	499	1,065	491	5,181	5,577	4,756	1,622	1,637	599	333	25,522
Herring, Pacific.....	29,738	51,603	30,510	97,600	208,901
Lingcod.....	21,637	34,095	19,133	20,357	43,923	99,743	88,012	33,050	59,809	97,795	53,830	27,533	599,784
Marlin, black.....	785	3,157	1,043	8,640	21,070	1,214	10	17,600
Mackerel, Pacific.....	20
Merluccius.....	144	546	740	1,004	947	...	387	97	55	55	372	112	4,513
Pacific.....	469,211	630,535	267,692	429,111	165,593	484,553	308,400	454,019	430,111	822,130	802,970	373,046	6,000,000
Sablefish.....	206,804	303,800	401,585	325,001	398,080	512,686	519,400	506,716	620,232	647,550	698,243	598,054	5,828,390
Salmon.....	16,829	12,561	14,193	16,678	194,894	46,284	76,723	20,239	11,250	4,372	4,535	201,415	614,111
Sandab.....	4,000
Sardines, white.....	4,000
Shark.....	1,774	572	128	985	200	5,550	5,165	4,206	3,523	14,417	6,379	3,473	46,370
Skate.....	2,620	3,856	4,730	1,533	3,332	4,615	4,467	3,769	3,222	1,282	543	790	33,260
Smelt.....	56	403	40	143	124	328	223	925	1,345	180	185	...	3,049
Smelt, rosetail.....	452
Stellifer, Dover.....	132,455
Sole, English.....	17,229	26,016	26,895	17,941	16,885	24,700	42,271	28,335	5,012	2,700	75	2,150	36,024
Sole, petrale.....	8,805	32,833	45,689	16,147	29,962	29,410	45,364	36,020	19,913	38,866	17,940	17,956	339,905
Sole, rex.....	11,390	22,257	7,702	4,370	4,270	3,205	1,685	4,055	3,860	5,698	11,570	6,563	85,327
Sole, sand.....	152	117	915	150	120	120	120	120	120	120	120	120	1,200
Sole miscellaneous.....	101	101	216	96	314	660	772	347	122	666	640	1,029	5,244
Swordfish.....	753	911	229	1,893

TABLE 11
Monthly Landings of Commercial Fishing Boats in the Monterey Area during 1974

Tuna, albacore.....	7,340	1,989	91,440	1,308,449	785,064	34,687	...	2,318,869
Tuna,....	370	370
Yellowtail.....	350	48	398
Miscellaneous.....	318	60	103	65	84	630
Crustaceans:											
Shrimp, pelagic.....	555	554	480	34	...	148	60	8	...	328	652
Crab, rock.....	32	44	120	16	428
Prawn, spot.....	4,867	2,178	1,476	205	2,882	4,892	6,840	4,721
Others, Pacific Ocean.....	80	80
Mollusk:											
Abalone, red.....	45	45
Octopus.....	423	227	428	94	66	22	65	...	35	316	104
Scallop.....	...	30	300	1,912,720	4,166,040	1,191,273	317,480	565,561	380,300	280,000	10,492
Miscellaneous mollusk.....	12	...	50	62
Grand total.....	898,510	1,659,681	1,346,965	3,232,102	5,396,939	7,136,846	2,645,272	2,622,160	3,828,291	4,078,496	7,528,067
											1,219,917
											41,694,509

TABLE 11—Cont'd.

TABLE 12
Monthly Landings of Commercial Fishing Boats in the Santa Barbara Area during 1974

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
LANDINGS FROM: California waters:													
Fish:													
Anchovy, northern.....	3,701,700	3,853,900	...	21,200	46,500	52,741	81,708	1,303,550	5,698,500	7,892,950	8,476,900	5,133,800	35,063,441
Bonito, Pacific.....	15,051	434,673	497,467	561,109	243,664	369,013	2,121,817
Butterfish, Pacific.....	38	54	1,202	2,202
Cod, California.....	211	450	2,214	1,931	1,643	359	333	564	1,169	201	995	486	10,797
Croaker, white.....	48	4,942	7,426	2,691	4,376	240	...	1,648	2,487	114	1,032	...	26,104
Dab.....	...	24	24
Flounder.....	1,668	1,684	6,983	5,075	2,515	408	101	261	...	555	742	5,572	29,364
Gilt-head, California.....	8,180	11,180	5,251	11,111	5,520	9,357	10,931	10,931	10,931	12,272	19,669	11,712	112,352
Lingcod.....	7,425	9,537	61,791	70,847	99,753	101,366	46,848	95,527	86,332	51,069	35,012	26,708	692,245
Mackerel, jack.....	446,700	112,900	105,600	12	665,212
Oarfish.....	261
Pacific halibut.....	1,659	1,753	2,322	2,766	75	15	1,058	3,644	3,174	2,867	1,160	414	2,257
Rockfish.....	207,669	250,094	256,843	263,360	236,616	462,156	416,438	428,555	427,669	545,266	273,331	216,713	3,957,783
Sablefish.....	2,045	605	2,615	4,685	3,380	13,425	11,287	2,835	4,215	4,570	4,235	1,971	55,888
Salmon.....	6,096	48,000	114,540	53,457	7,570	4,400	327	...	234,063
Sandab.....	5	445	1,277	627	364	172
Sole, sand.....	138	197	...	496	376	331	1,479
Seabass, white.....	1,094	409	6,388	1,651	3,382	2,837	4,216	2,445	6,128	3,406	3,571	2,989	35,500
Shark.....	3,958	2,399	6,569	4,349	4,978	3,494	10,503	11,761	13,211	5,667	2,756	5,089	72,892
Sheepshead, California.....	...	238	55	333
Smelt.....	40	210
Sole, Dover.....	17,721	22,234	56,045	23,960	15,945	13,055	15,070	16,225	7,325	1,611	1,159	350	59,857
Sole, petrale.....	15,213	16,335	42,901	62,270	45,706	39,371	22,840	61,763	67,150	55,574	30,498	19,030	479,601
Sole, rock.....	5,320	5,685	5,766	2,290	1,165	250	2,185	3,555	4,180	17,639	4,325	2,120	54,860
Sole, sand.....	5,634	5,618	8,415	3,256	1,156	680	1,125	...	470	470	495	416	27,438
Swordfish.....	70	405	520	126	398	45	894	12,237	12,081	24,425	48,900	6,158	3,780
Tuna, albacore.....	19	9,037	13,345	146,696	237,030	715,614	17,237	...	1,138,368
Tuna, bluefin.....	1,057	113	156	1,161	...	3,346	4,892	166	551	...	88
Whitefish, ocean.....	661	577	7,191
Yellowtail.....	58	15	86	31	...	1,238
Miscellaneous.....	4,640	2,840	8,070	22,760	9,430	885	8,703	255	977	...	314
Miscellaneous (animal food)....	58,582

TABLE 12
Monthly Landings of Commercial Fishing Boats in the Santa Barbara Area during 1974

Crabs, Dungeness	12,956	18,066	14,046	19,866	21,728	8,414	36	---	---	---	3,952	4,354	104,282
Crab, pelagic red	36	36	36	36	16	36	36	36	36	36	10,144	107	159
Crab, rock	23,365	21,751	33,956	31,333	23,254	14,064	9,036	18,116	15,699	10,681	41,742	249,326	
Crab, spider	35	35	35	35	35	35	35	35	35	35	17	17	
Lobster, California spiny	10,849	7,844	5,505	---	---	---	---	---	---	6,756	8,051	8,088	47,396
Prawn, ridgeback	178	22	126	1,905	533	894	128	229	4015				
Prawn, spot	21,014	20,921	21,521	22,033	25,395	30,191	12,129	7,063	11,818	7,466	10,533	190,106	
Shrimp, Pacific Ocean	4,847	478	328	328	24	24	328	328	328	328	328	328	5,817
Echidnae													
Sea urchin	600,997	712,375	609,550	440,034	374,906	478,103	534,200	718,607	588,155	476,746	601,450	757,120	6,893,064
Molluscs													
Ablalone, black	83,877	44,414	29,356	54,553	111,201	111,566	---	90,813	106,422	29,209	62,585	73,996	
Ablalone, green	773	155	339	651	71	453	16	29	569	16	3,047		
Ablalone, red	15,161	20,301	20,301	20,301	20,301	20,301	20,301	20,301	20,301	20,301	20,301	20,301	
Ablalone, red,	66,816	97,542	57,279	56,398	56,161	77,720	355	76,601	43,027	54,189	53,631	63,094	
Ablalone, threaded	275	503	1,078	643	77	308	233	595	321	44	4,097		
Ablalone, white	40	32	200	73	678	320	120	87	87	87	87	87	1,471
Oysters, Pacific	3,040	3,040	3,040	3,040	3,040	3,040	3,040	3,040	3,040	3,040	3,040	3,040	
Oyster, giant Pacific	5,544	6,080	6,032	5,200	8,632	5,232	7,040	4,564	4,592	16,688	33,249	26,925	250,137
Squid, market	190,400	115,100	1,326,486	347,059	180,535	222,200	114,820	---	---	77,700	1,261,050	3,835,341	
Total pounds.	5,483,525	5,100,259	2,662,810	2,810,251	1,404,581	1,773,715	1,614,182	3,420,379	7,747,701	10,656,800	10,072,783	8,060,881	59,494,721
Waters south of State:													
Fish:													
Dolphinfish	---	---	---	113	---	---	---	---	---	---	---	113	
Tuna, yellowfin	---	---	---	993	---	---	---	---	---	---	---	993	
Total pounds.	---	---	---	1,108	---	---	---	---	---	---	---	1,108	
Grand total.	5,483,525	5,100,259	2,662,810	1,492,362	1,408,881	1,773,715	1,614,182	3,420,379	7,747,701	10,656,800	10,072,783	8,060,881	59,494,721

TABLE 12—*Cont'd.*

TABLE 13
Monthly Landings and Shipments of Commercial Fish into the Los Angeles Area during 1974

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
LANDINGS FROM:													
California waters:													
Fish:													
Barnacles, California.....	12,604,300	22,219,892	4,715,784	14,357,532	177,646	40,842	90,846	297,860	150,556	3,110,120	36,689,420	23,834,548	118,380,366
Blacksmith.....	265	...	258	8,143	6,214	9,833	3,332	6,079	559	72	34,773
Butterfish, Pacific.....	156,068	80,629	104,531	100,705	11,718	12,928	9,605	24,605	2,019,775	2,241,444	2,406,760	1,970,146	1,452,966
Cabazon.....	2,155	4,465	6,960	6,529	1,356	1,486	2,856	5,572	7,209	16,692	12,516	919	68,715
Croaker, white.....	12	...	6	111	18
Flyingfish.....	21,836	40,461	36,848	31,131	59,432	11,145	5,322	10,365	18,989	21,467	32,763	39,179	328,878
Hake, Pacific.....	...	11	13,203	12,071	22,351	22,029	2,070	72,726
Halibut.....	2,440	...	2,415	5,650	1,910	355	...	270	1,360	14,300
Harmo.....	84	210	12,212	6,819	813	375	26	350	4,069	2,716	255	507	2,366
Haddock, California.....	85	17,438	20	9,288	570	10,364	1,262	10,316	75,817
Mackerel, jack.....	817,450	1,881,765	198,930	948,497	3,001,906	620,149	5,425,717	4,395,646	637,373	3,411,711	3,333,470	366,043	24,752,663
Mackerel, Pacific.....	9,730	50,700	11,717	2,046	56,080	...
Oprah.....	1,207	529	148	910	1,254	1,352	3,617	170	50	6,205
Pacific sanddab.....	1,461	3,056	2,885	3,271	2,263	3,067	2,712	1,972	1,266	1,409	1,237	24,723	...
Queenfish.....	1,445	2,003	3,875	7,322	13,535	22,530	7,400	6,385	7,190	3,696	2,422	935	78,739
Rockfish.....	18,771	28,268	61,533	52,589	32,112	44,235	24,486	42,494	10,852	49,214	39,012	70,190	494,175
Solefish.....	215	...	179	1,712	295	352	...	4,097
Salmon.....	382	382
Sanddab.....	45	36	54	100	103	75	415
Sardine, Pacific.....	400	7,600	6,157	565	14,030
Scallop.....	878	3,653	2,278	1,746	639	5,763	3,078	584	797	351	468	310	20,545
Sea bass, giant.....	...	3,150	202	220	7,330	768	261	365	20,000	282	393	32,971	...
Seahorse, white.....	...	408	1,158	1,413	2,197	2,338	13,282	56,524	41,740	7,491	4,076	2,797	138,424
Sheepshead, California.....	49	4,157	16,717	3,737	7,097	11,002	13,121	14,000	14,740	14,740	5,916	5,916	91,316
Skate.....	51	148	7	188	299	462	260	505	10	8	40	1,644	325

TABLE 13
Monthly Landings and Shipments of Commercial Fish into the Los Angeles Area during 1974

	45	...	1,415	1,637	6,171	765	9,477	555	...	8,889	14,610	360	43,500	PRIM	
Sole, silver.....	2,257	1,683	1,025	2,390	4,840	...	1,475	1,710	4,555	12,243	INDUS	
Sole, English.....	1,147	935	1,025	1,025	4,840	...	1,475	1,710	4,555	12,247	INDUS	
Sole, petrale.....	496	50	3,185	3,305	1,445	190	500	500	500	9,231	INDUS	
Sole, rex.....	1,360	215	440	83	235	200	...	270	130	2,055	INDUS	
Sole, miscellaneous.....	...	4	...	12	...	50	280	137	483	INDUS	
Tuna, albacore.....	6,573	45,666	16,420	55,180	154,034	89,119	4,911	112,518	INDUS
Tuna, bluefin.....	28,783	9,053	19,850	60,412	926,875	78,939	...	1,123,518	INDUS
Tuna, yellowfin, black.....	35,625	60,000	122,453	175	10,030	147,510	INDUS
Tuna, yellowfin.....	...	2,118	5,020	4,785	845	36,500	3,561	2,850	2,221	4,689	618	400	57,175	INDUS	
Yellowtail.....	34	...	34	77	23	18	40	37,691	INDUS	
Miscellaneous.....	37,633	...	507	647	INDUS	
Crustacean:															
Crab, rock.....	33,375	42,680	35,420	31,091	50,055	62,227	73,601	58,947	41,027	49,928	\$1,599	41,800	571,551	INDUS	
Lobster, California spiny.....	13,894	15,676	7,707	17,800	13,839	10,588	79,502	INDUS	
Echinoderm:															
Sea urchin.....	28,746	42,335	122	71,203	INDUS	
Mollusk:															
Avalone, black.....	39,451	2,827	21,066	17,704	32,003	21,069	94,521	...	68,373	30,550	4,215	312	333,631	INDUS	
Avalone, green.....	13,016	363	11,770	15,292	13,169	4,539	12,870	...	10,583	5,742	8,799	3,243	99,758	INDUS	
Avalone, pink.....	24,292	731	24,922	18,947	23,832	15,030	28,518	...	22,992	14,325	19,189	13,302	205,170	INDUS	
Avalone, red.....	2,533	...	19	19	19	19	19	...	19	19	19	19	19	INDUS	
Avalone, white.....	7,499	...	3,631	8,171	2,009	9,821	9,498	...	9,375	14,238	12,792	6,887	83,652	INDUS	
Snail, sea.....	530	547	345	30	80	80	1,000	1,000	418	12,792	12,792	377	3,832	INDUS	
Squid, market.....	2,615,980	3,146,460	1,052,413	297,235	216,896	554,500	409,073	15,114	23,515	...	105,863	865,400	10,192,350	INDUS	
Total pounds.....	15,414,408	27,269,698	7,228,755	15,953,629	3,745,374	1,872,618	7,785,621	7,829,595	3,955,947	10,403,551	12,267,024	26,739,961	171,183,323	INDUS	
Waters north of State:															
Fish:															
Tuna, albacore.....	5,367	149,146	1,943,024	81,869	...	2,180,306	INDUS	
Total pounds.....	5,367	149,146	1,943,024	81,869	...	2,180,306	INDUS	
Waters south of State:															
Fish:															
Bonito, Pacific.....	...	13,555	779,600	617,979	646,700	656,600	...	20,859	32,255	2,767,559	INDUS
Dolphinfish.....	1,000	1,070	...	INDUS
Dolphinfish.....	45	12,000	12,045	...	INDUS
Rockfish.....	...	25	...	1,290	5041	670	390	15,589	...	374	1,130	2,463	2,859	...	INDUS
Sea bass, giant.....	1,047	881	...	1,031	162	2,146	2,463	2,463	2,463	INDUS

27

TABLE 13—Cont'd.

TABLE 13
Monthly Landings and Shipments of Commercial Fish into the Los Angeles Area during 1974—Continued

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Seabass, white.....	19,340	7,204	94	23,766	860	17,405	42,833	33,130	...	20,441	11,646	15,376	192,400
Shark.....	861	1,184	...	2,096	996	1,103	...	410	...	3,065	994	3,138	14,739
Tuna, albacore.....	67	...	765	7,893	...	4,725	4,725
Tuna, bluefin.....	9,460	...	50,647	1,997,027	2,627,969	1,454,414	...	58,720	75,910	6,274,177
Tuna, skipjack.....	30,025	441,207	3,775,653	1,115,732	10,402,754	9,920,809	3,272,083	1,733,740	1,518,011	87,043	3,250,513	4,317,120	40,661,399
Tuna, skipjack, black.....	6,450	32,770	463,130	606,982	411,893	...	62,280	52,573	56,505	2,230,110	...
Tuna, yellowfin.....	111,263	7,859,469	44,986,039	9,614,500	25,940,283	22,740,093	14,716,331	17,375,300	19,256,937	12,278,400	11,760,400	17,852,197	197,400
Yellowtail.....	1,303	1,225	...	2,067	4,077	263	13,154	19,060	...	7,338	2,410	54,082	...
Crustacean:													
Crab, pelagic red.....	68,120	...	70,640	138,760
Total pounds.....	165,666	7,871,808	48,865,696	10,663,067	36,727,828	33,925,493	20,659,718	22,519,280	16,037,702	13,180,618	15,196,068	22,592,114	249,614,664
Shipments:^a													
Fish:													
Tuna, albacore.....	4,716,171	5,258,370	1,522,002	3,332,761	3,217,492	5,002,962	9,282,084	16,225,553	10,417,464	7,181,404	3,380,680	1,878,473	72,311,862
Tuna, bluefin.....	20,484,229	20,200,000	72,535	600,562	...	157,500	55,718	1,588,010	1,510,410	62,558	204,926	36,750	728,105
Tuna, skipjack.....	32,426	12,055	72,535	600,562	...	157,500	8,749,355	8,966,503	9,602,672	9,919,190	10,415,733	12,246,329	39,070
Tuna, skipjack, black.....	16,448,129	13,626,982	20,294,949	19,368,506	405,412	765,363	1,139,250	1,647,980	3,102,314	808,644	2,485,679	1,678,445	1,066,768
Tuna, yellowfin.....	637	...	2,287,369	995,778	409,344	601,557	670
Total pounds.....	23,697,607	19,920,970	22,303,785	23,981,430	12,372,450	15,492,673	20,139,106	27,798,283	23,990,021	20,489,315	17,808,783	18,725,040	246,719,532
Grand total.....	40,277,741	55,092,470	76,398,268	50,578,726	52,845,861	50,990,784	48,382,451	58,152,531	44,741,916	46,026,414	75,653,744	68,357,115	668,697,825

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

TABLE 13
Monthly Landings and Shipments of Commercial Fish into the Los Angeles Area during 1974

TABLE 14
Monthly Landings and Shipments of Commercial Fish into the San Diego Area during 1974

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
LANDINGS FROM:													
California waters:													
Fish:													
Abalone, northern.....	25	10	225	108	10	475	86	12	152	3	1,015	888	1,051
Baracuda, California.....	21	196	225	108	475	86	12	152	3	1,015	888	1,051	1,318
Bonito, Pacific.....	307	473	167	148	511	575	9,130	94,940	38,325	16,521	7,503	4,453	173,129
Bullhead, California.....	223	353	271	189	36,300
Croaker, white.....	60	596	233	353	348	246	350	159	2,345
Dolphinfish.....	29	39	48	141	237
Flounder.....	13	13
Hake, Pacific.....	...	147	303	21	99	683
Halibut, California.....	322	1,052	1,296	320	96	87	180	491	175	462	563	5,244	5,244
Halibut, California.....	384	1,331	1,653	1,288	948	2,207	5,041	5,037	4,922	5,077	5,414	3,001	36,300
Lingcod.....	35	97	...	21	344
Mackerel, jack.....	14,500	134	225	281	130	...	199	...	201	...	15,503
Mackerel, king.....	406	73	524
Mullet.....	297	75	...	463	4	...	839
Perch.....	197	1,723	257	191	1,849	2,574	4,629	2,627	2,626	874	158	1,814	19,549
Rockfish.....	123,635	138,500	115,500	108,676	140,780	67,360	72,174	83,114	110,636	122,695	104,857	99,756	1,287,713
Salmon, chinook.....	10	10	10	10	10	10	10	10	10	10	10	10	520
Salmon, coho.....	8	9	...	15	32
Sanddab.....	40	35
Seabass, black.....	268	1,957	496	235	1,402	19,827	22,612	8,940	2,353	1,195	1,514	2,242	63,211
Sea bass, giant.....	390	130	50	552	354	123	690	1,255	700	4,163
Seahorse, white.....	5,273	5,163	3,483	1,680	3,634	6,314	17,369	35,907	11,762	2,946	4,033	8,999	106,568
Shark.....	1,624	1,525	1,592	6,655	21,307	20,774	14,384	12,994	10,777	7,080	9,875	6,044	117,401
Shark, hammerhead.....	36	...	12	34	...	1,571	...	123	...	144	144
Smelt.....	211	879	287	1,377
Sole, English.....	26	50	76
Sole, sand.....	16	16
Sole, sand.....	152	152	65	511	288	555	555	238	211	45	114	114	2,933
Swordfish.....	...	431	693	541	8,134	36,595	1,753	24,946	51,269	37,177	4,367	165,911	165,911
Tuna, albacore.....	425	62,099	3,942	153,528	374,896	9,728	604,618

29

TABLE 14
Monthly Landings and Shipments of Commercial Fish into the San Diego Area during 1974

TABLE 14
Monthly Landings and Shipments of Commercial Fish into the San Diego Area during 1974—Continued

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds	
Tuna, bluefin	533	1,793	528	441	312	...	3,699	
Tuna, skipjack	641	12,046	11	13,871	234	67	44	...	111	
Whitefish, ocean	...	6	...	1,097	22,808	6,121	11,990	12,912	4,823	1,002	111	...	26,907	
Yellowtail, ocean	527	5	54	5,115	15,356	2,395	83,144	
Crustacean:													52	
Crab, rock	6,298	4,562	5,066	3,504	2,458	1,030	5,603	1,105	887	3,192	3,395	5,081	42,181	
Lobster, California spiny	6,100	5,818	2,591	28,012	12,753	7,846	64,052	
Echinoderm:														
Sea urchin	8,829	35,529	247	20	10,840	5,000	23,800	284	337	1,874	3,501	2,228	92,189	
Mollusk:														
Ahalone, black	610	...	33	418	2,637	4,806	7,333	...	1,328	98	...	65	18,069	
Ahalone, green	1,924	...	266	1,334	2,760	1,431	3,650	...	397	1,381	2,608	2,978	18,758	
Ahalone, pink	18,508	...	4,113	3,167	9,072	5,496	6,708	...	3,172	4,126	3,572	3,509	61,443	
Ahalone, red	20	170	11	20	
Ahalone, red	4,711	157	4,963	3,645	6,585	6,039	6,976	...	10,361	8,778	5,362	4,398	61,866	
Ahalone, threaded	494	...	289	246	331	260	341	...	635	290	468	141	3,495	
Ahalone, white	5,339	778	3,210	2,710	4,744	4,486	4,926	...	241	707	1,154	47	28,345	
Octopus	2	
Squid, sea	87	23	14	...	14	238	152	127	657	
Squid, market	92,332	265,391	5,375	4,908	787	...	128	2,905	2,559	25	374,410	
Total pounds	292,573	465,168	153,356	143,634	239,745	177,448	318,836	285,592	388,039	640,652	233,934	162,690	3,501,967	
Waters north of State:														
Fish:														
Tuna, albacore	434,764	434,764	
Total pounds	434,764	434,764	
Waters south of State:														
Fish:														
Barracuda, California	22	
Bonito, Pacific	64,033	6,403	...	15,639	35,330	22	430,445	570,237	315,792	625,929	36,591	94,381	69,161	2,272,841
Dolphinfish	765	795	
Halibut	...	123	260	1,593	1,975	
Halibut, California	158	18	131	189	

FISH BULLETIN 166

TABLE 14
Monthly Landings and Shipments of Commercial Fish into the San Diego Area during 1974

Mackerel, jack	180	180
Perch	280	280
Rockfish	12,043	4,463	920	9,636	3,868	3,620	595	2,608	3,754	41,437	
Sole	3,053	28,155	24,552	1,250	22	15,517
Sea bass, giant	2,674	3,306	4,774	...	1,730	140	1,640	1,252	15,546
Seabass, white	34,716	29,205	43,523	...	4,510	...	66,579	45,109	1,822	3,666	14,098	30,372	273,380
Shark	3,131	7,345	6,704	...	5,376	...	1,966	8,428	702	340	7,812	3,727	47,734
Seal, California	2,355	63,815	37	519	119,514	135	18
Tuna, albacore	186,939
Tuna, bigeye	240,569	...	240,569
Tuna, bluefin
Tuna, skipjack	905,446	1,460,250	2,350,322	2,614,601	4,004,255	475,233	1,497,474	1,149,439	198,530	492,532	119,460	3,932,488	
Tuna, yellowfin	15,055	45,640	33,661	25,695	136,585	809,180	1,132,148	1,157,240	174,022	2,849,511	3,182,828	19,277,548	
Tuna, yellowtail	732	4,247,151	9,643,655	3,735,200	6,887,904	7,569,409	2,290,411	5,915,133	2,466,452	1,755,321	2,291,289	2,029,412	48,845,062
Yellowtail	2,361	3,073	1,872	...	1,012	122	6,750	8,220	577	8,550	10,365	1,121	4,677
Mollusk:	460
Squid, market	400
Total pounds	119,788	5,218,801	11,208,403	6,054,558	6,615,593	12,180,634	4,309,003	8,941,634	4,441,638	2,297,112	5,858,831	5,507,456	75,843,471
Central Pacific Islands:													
Fish:													
Tuna, skipjack	35,956
Total pounds	35,956
Shipments:^a													
Fish:													
Tuna, albacore	5,201,672
Tuna, skipjack	1,406,782	...	1,014,858	2,144,307	1,028,432	87,773	...	1,117,322	1,685,040	263,707	1,728,820	13,298,825	
Tuna, yellowfin	2,174,537	96,118	1,971,715	886,101	1,770,940	199,071	554,951
Total pounds	1,406,782	...	4,089,125	2,144,307	1,028,432	87,773	...	1,213,446	4,172,477	1,212,975	1,770,940	1,928,701	19,055,048
Grand total	1,819,443	5,683,969	15,450,884	8,342,499	10,883,770	12,445,855	4,627,839	10,440,672	9,002,174	4,585,503	7,863,705	7,724,893	98,871,206

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

FISH LANDINGS FOR 1974

TABLE 14—Cont'd.

TABLE 15
Value of Landings and Shipments of Commercial Fish into California by Area, 1974

Species	Eureka	San Francisco	Monterey	Santa Barbara	Los Angeles	San Diego	Total
LANDINGS:							
Fish:							
Anchovy, northern	940	839,167	10,136,615	36,063,441	118,389,366	1,951	165,433,480
Barracuda, California	\$164	\$73,344	\$207,841	\$699,631	\$2,450,660	\$454	\$3,432,094
Blacksmith	---	---	---	385	34,773	1,340	36,498
Bonito, Pacific	---	---	2,895	2,121,817	14,247,084	2,445,970	18,817,766
Butterfish, Pacific	---	---	14,937	2,252	68,715	1,360	87,264
Cabezon	552	1,328	2,706	10,790	718	---	14,091
Croaker, white	\$73	\$92	\$59	\$1,150	\$1	---	\$1,587
Dolphinfish	---	50,253	106,737	26,104	328,878	2,345	514,317
Eel	45	280	15	113	1,670	1,052	2,835
Flounder	244,349	164,362	64,423	29,364	---	13	502,511
Grenadiers	66,263	5,740	---	---	18,181	---	72,003
Hake, Pacific	16,977	70	70	70	14,300	863	32,210
Haddock	\$1,046	---	\$4	---	\$715	\$130	\$1,895
Halibut, California	4,105	51,472	25,522	113,513	75,378	36,489	306,479
Herring, Pacific	\$3,281	28,058	\$15,330	\$83,433	\$47,796	\$25,747	203,945
Lingcod	123,521	4,927,852	206,301	---	---	12,045	5,260,274
Mackerel, jack	\$12,562	\$520,381	\$25,515	---	---	4,818	\$556,758
Mackerel, Pacific	1,646,802	884,115	599,784	692,245	817	344	3,887
Rockfish	\$226,106	\$103,088	\$58,576	\$91,650	\$120	\$82	\$406,099
Sablefish	5,125,901	2,774,925	17,048	665,212	24,752,662	15,683	25,457,593
Sardine, Pacific	339,342	430,074	201,415	3,972	418	55	975,276
Scallop	\$61,489	\$75,951	\$32,629	\$1,204	\$107	\$16	\$171,396
Sargo	---	---	---	---	14,050	---	14,050
Sculpin	---	---	---	---	884	---	\$884
Sea bass, giant	161	---	---	1,479	59,090	19,709	80,439
Seaweed	---	\$230	---	\$154	\$22,324	\$7,336	\$30,344

TABLE 15
Value of Landings and Shipments of Commercial Fish into California by Area, 1974

TABLE 15
Value of Landings and Shipments of Commercial
Fish into California by Area, 1974—Continued

Species	Eureka	San Francisco	Monterey	Santa Barbara	Los Angeles	San Diego	Total
Seabass, white.....	26	5,198	38,500	328,824	379,948	752,496	
	\$26	\$3,213	\$26,000	\$194,927	\$323,073	\$456,339	
Shark.....	8,521	97,886	46,370	72,892	106,555	165,135	497,359
	\$906	\$8,828	\$4,802	\$16,538	\$24,313	\$49,570	\$105,257
Sheephead, California.....	---	---	---	323	1,644	1,754	3,721
				\$72	\$307	\$220	\$599
Skate.....	44,605	7,558	33,260	210	525	---	86,158
	\$4,098	\$494	\$1,746	\$17	\$79		\$6,334
Smelt.....	33,413	34,139	3,948	40	43,930	1,377	47,612
	\$30,979	\$5,139	\$1,524	\$5	\$3,844	\$446	\$16,132
Smelt, whitebait.....	272,984	16,096	452	---	---	289,522	
	\$2,670	\$123					\$30,728
Sole, Dover.....	16,837,207	1,953,508	132,458	59,887	4,425	19,087,485	
	\$1,947,779	\$228,951	\$13,908	\$6,941	\$664		\$2,198,243
Sole, English.....	1,849,692	1,272,670	356,144	315,670	19,247	76	3,813,499
	\$331,650	\$247,153	\$56,903	\$25,623	\$2,825	\$19	\$694,173
Sole, petrale.....	1,604,244	997,704	339,905	479,601	9,231	---	3,430,685
	\$374,110	\$233,463	\$71,414	\$104,457	\$2,309		\$785,753
Sole, rex.....	1,002,083	236,532	85,327	54,860	2,935	---	1,381,737
	\$181,277	\$42,883	\$11,169	\$9,288	\$598		\$245,215
Sole, sand.....	87,170	116,124	9,200	27,438	---	16	239,948
	\$17,992	\$22,912	\$1,743	\$5,194		\$5	\$17,847
Sole, miscellaneous.....	3,060	15,828	5,944	5,914	483	2,953	30,744
	\$3,225	\$3,225	\$1,219	\$1,219	\$118	\$1,082	\$7,140
Swordfish.....	---	677	2,893	108,484	372,537	165,911	649,502
	\$1,016	\$2,767	\$2,767	\$155,612	\$499,684	\$227,507	\$886,706
Tuna, albacore.....	3,179,118	631,071	2,318,869	1,138,368	3,312,949	1,225,775	11,806,150
	\$1,094,489	\$219,928	\$322,271	\$404,348	\$49,770	240,369	290,139
Tuna, bigeye.....	---	---	---	---	\$14,309	\$69,106	\$83,415
Tuna, bluefin.....	---	---	88	31	\$2,201,944	\$1,092,660	\$3,294,635
Tuna, skipjack.....	10	2	---	40,661,399	19,313,932	59,975,341	
Tuna, skipjack, black.....	---	---	---	2,377,920	580,458	2,958,378	
Tuna, yellowfin.....	---	---	995	197,237,515	48,871,969	246,10,479	
Turbot.....	5,544	7,576	370	7,191	---	20,681	
	\$1,061	\$1,254	\$30	\$666		\$3,011	
Wahoo.....	---	---	---	---	4,677	4,677	
Whitefish, ocean.....	---	---	---	1,238	---	1,121	2,359
Yellowtail.....	---	---	388	249	73,916	130,394	204,957
Miscellaneous.....	499	365	630	314	37,691	52	39,551
	\$94	\$81	\$65	\$199	\$1,968	\$8	\$2,415
Miscellaneous (animal food).....	5,197	---	---	58,582	507	---	64,286
				\$1,166	\$25	---	\$1,191
Crustacean:							
Crab, Dungeness.....	354,937	223,178	2,603	104,282	---	---	685,000
	\$312,593	\$205,925	\$2,724	\$103,291			\$624,533
Crab, pelagic red.....	---	---	---	159	138,760	---	138,919
					\$60	\$19,815	
Crab, rock.....	---	---	428	249,573	571,851	42,181	864,033
					\$41,629	\$129,124	\$181,946
Crab, spider.....	---	---	58	52	---	52	
Lobster, California spiny.....	---	---	---	47,396	79,502	64,052	190,850
					\$85,571	\$156,649	\$119,848
Prawn, ridgeback.....	---	---	---	4,015	---	4,015	
					\$2,050	---	\$2,050
Prawn, spot.....	---	---	28,061	190,106	---	218,167	
				\$37,874	\$183,053	---	\$220,927
Shrimp, bay.....	2,391	---	---	---	---	2,391	
	\$1,447						\$1,447
Shrimp, Pacific Ocean.....	2,215,930	165,839	80	5,517	---	2,387,366	
	\$569,936	\$30,166	\$100	\$1,535	---	---	\$601,737

TABLE 15
Value of Landings and Shipments of Commercial Fish into California by Area, 1974

TABLE 15
Value of Landings and Shipments of Commercial
Fish into California by Area, 1974—Continued

Species	Eureka	San Francisco	Monterey	Santa Barbara	Los Angeles	San Diego	Total
Echinoderm:							
Sea urchin.....	15,759	35,600	---	6,893,064	71,203	92,189	7,107,815
	\$1,199	\$2,407	---	\$503,883	\$5,148	\$7,578	\$520,215
Mollusk:							
Abalone, black.....	---	---	---	793,698	333,631	18,069	1,145,396
				\$215,955	\$74,334	\$4,456	\$294,755
Abalone, green.....	---	---	---	3,047	99,758	18,758	121,583
				\$2,329	\$64,204	\$14,922	\$81,455
Abalone, pink.....	---	---	---	188,711	205,170	61,443	455,324
				\$135,514	\$135,290	\$44,544	\$315,344
Abalone, pinto.....	2	---	---	---	---	291	293
	\$2					\$141	\$143
Abalone, red.....	40,043	45	639,004	10,102	61,866	751,300	
	\$29,768	\$30	\$484,651	\$6,714	\$48,065	\$510,399	
Abalone, threaded.....	---	---	4,097	---	3,495	5,592	
			\$1,923		\$1,577	\$3,500	
Abalone, white.....	---	---	1,471	83,952	28,342	113,765	
			\$956	\$60,673	\$25,556	\$87,185	
Octopus.....	21,908	6,050	1,780	2,798	2	32,538	
	\$4,203	\$1,131	\$668	\$832	\$1	\$6,835	
Oyster, eastern.....	---	2,177	---	---	---	2,177	
		\$8,055				\$8,055	
Oyster, giant Pacific.....	478,633	188,554	---	130,378	---	---	797,565
	\$670,086	\$265,976		\$182,529			\$1,116,591
Snail, sea.....	---	---	---	3,852	857	4,509	
				\$510	\$117	\$627	
Squid, market.....	---	14,495,217	3,835,341	10,199,250	374,870	28,904,770	
		\$569,714	\$112,759	\$432,110	\$22,304	\$1,437,187	
Miscellaneous mollusk.....	169	5	62	---	---	236	
	\$39	\$12	\$11			\$62	
Total pounds.....	49,237,600	19,122,405	41,695,509	59,494,278	422,978,293	79,816,159	672,344,243
Total value.....	\$11,611,983	\$5,550,663	\$4,306,282	\$4,765,932	\$79,451,414	\$22,505,713	\$128,191,987
SHIPMENTS:*							
Fish:							
Tuna, albacore.....	---	---	---	72,224,866	5,201,272	77,426,138	
				\$35,303,514	\$2,215,742	\$37,515,256	
Tuna, bigeye.....	---	---	---	728,146	---	1,105	
				\$34,187		\$24,187	
Tuna, bluefin.....	---	---	---	1,066,768	---	1,066,768	
				\$418,066		\$418,066	
Tuna, skipjack.....	---	---	---	156,311,159	13,298,825	168,609,984	
				\$46,908,079	\$4,081,409	\$50,990,388	
Tuna, skipjack, black.....	---	---	---	670	---	670	
				\$67		\$67	
Tuna, yellowfin.....	---	---	---	16,387,964	554,951	16,942,915	
				\$6,442,109	\$187,296	\$6,629,405	
Total pounds.....	---	---	---	246,719,532	19,055,044	265,774,580	
Total value.....	---	---	---	\$9,315,922	\$6,484,447	\$95,800,369	
GRAND TOTAL POUNDS.	49,237,600	19,122,405	41,695,509	59,494,278	669,697,823	98,871,206	938,118,823
GRAND TOTAL VALUE.	\$11,611,983	\$5,550,663	\$4,306,282	\$4,765,932	\$168,767,336	\$28,990,160	\$223,992,356

* 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, 1974

TABLE 16
Value of Landings by Port, Eureka Area, 1974

	Pounds	Value
Eureka		
Salmon.....	2,008,207	\$1,686,907
Dover sole.....	9,903,043	1,138,850
Giant Pacific oyster.....	478,633	670,086
Albacore.....	1,773,028	610,631
Rockfish.....	3,326,488	352,701
Sablefish.....	2,252,670	209,949
Petrale sole.....	896,844	209,144
English sole.....	781,605	140,142
Dungeness crab.....	144,319	127,102
Rex sole.....	503,222	91,033
Lingcod.....	512,078	70,308
Pacific Ocean shrimp.....	269,419	69,294
Sanddab.....	232,499	42,129
Smelt.....	386,213	33,151
Whitebait smelt.....	163,532	22,126
Flounder.....	133,603	14,522
Sand sole.....	36,744	7,584
Perch.....	19,273	5,482
Grenadiers.....	65,968	3,299
California halibut.....	4,075	3,257
Arrowtooth flounder.....	45,044	2,586
All other species.....	43,049	4,303
Port totals.....	23,979,556	\$5,514,586
Fort Bragg		
Salmon.....	1,721,330	\$1,536,141
Dover sole.....	4,083,866	469,645
Albacore.....	1,124,197	387,429
Rockfish.....	2,861,760	316,362
Sablefish.....	2,160,833	201,390
Pacific Ocean shrimp.....	479,200	123,250
Lingcod.....	684,574	93,492
Petrale sole.....	375,077	87,488
English sole.....	248,187	44,500
Dungeness crab.....	30,261	26,651
Rex sole.....	108,622	19,650
Arrowtooth flounder.....	70,969	4,074
Whitebait smelt.....	27,546	3,727
Sanddab.....	16,043	2,907
Octopus.....	10,457	2,006
Sea urchin.....	13,335	1,015
Skate.....	10,052	1,002
All other species.....	24,483	2,537
Port totals.....	14,051,532	\$3,323,746
Crescent City		
Salmon.....	867,136	\$690,041
Pacific Ocean shrimp.....	1,467,311	377,392
Dover sole.....	2,050,298	339,284
English sole.....	819,900	147,008
Rockfish.....	1,273,318	141,301
Dungeness crab.....	121,313	106,840
Albacore.....	280,053	96,450
Sablefish.....	1,030,129	96,008
Petrale sole.....	332,323	77,498
Rex sole.....	399,239	70,594
Lingcod.....	445,534	61,172
Sanddab.....	90,800	16,453
Pacific herring.....	119,043	12,107
Flounder.....	102,604	11,153
Whitebait smelt.....	81,906	11,082
Sand sole.....	49,756	10,270
Arrowtooth flounder.....	76,126	4,370
Perch.....	14,719	3,565
Skate.....	25,025	2,495
Octopus.....	6,282	1,205
All other species.....	13,372	921
Port totals.....	10,557,187	\$2,277,200

TABLE 16
Value of Landings by Port, Eureka Area, 1974

TABLE 16
Value of Landings by Port, Eureka Area, 1974—Continued

	Pounds	Value
Trinidad		
Salmon.....	265,951	\$204,579
Dungeness crab.....	59,044	52,000
All other species.....	9,528	1,244
Port totals.....	334,523	\$257,823
Albion		
Salmon.....	181,063	\$163,910
Rockfish.....	27,842	3,174
All other species.....	6,126	758
Port totals.....	215,031	\$167,842
All other ports		
Salmon.....	82,214	\$68,756
Rockfish.....	16,619	1,895
All other species.....	938	126
Totals.....	99,771	\$70,777
EUREKA AREA TOTALS	49,237,600	\$11,611,983

TABLE 16
Value of Landings by Port, Eureka Area, 1974

TABLE 17
Value of Landings by Port, San Francisco Area, 1974

	Pounds	Value
Bodega Bay		
Salmon.....	1,231,162	\$1,223,723
Dover sole.....	899,085	105,373
English sole.....	373,166	72,469
Rockfish.....	468,801	56,501
Dungeness crab.....	45,480	41,964
Pacific Ocean shrimp.....	165,839	30,166
Petrale sole.....	117,087	27,398
Albacore.....	58,422	20,360
Sablefish.....	223,291	19,404
Lingcod.....	131,657	15,351
Rex sole.....	72,434	13,132
Sanddab.....	47,915	8,462
Smelt.....	13,124	2,549
Whitebait smelt.....	13,853	2,298
Flounder.....	20,555	2,171
White croaker.....	6,410	1,380
All other species.....	27,322	2,586
Port totals.....	3,915,583	\$1,045,287
San Francisco		
Pacific herring.....	2,765,988	\$292,088
Rockfish.....	1,009,734	207,748
Petrale sole.....	880,345	206,001
English sole.....	894,318	173,677
Salmon.....	144,934	149,136
Dover sole.....	1,054,423	123,578
Lingcod.....	743,231	86,661
Dungeness crab.....	81,695	75,380
Sanddab.....	379,439	67,007
Albacore.....	133,102	46,386
Sablefish.....	475,069	41,283
Rex sole.....	163,944	29,723
Sand sole.....	111,121	21,924
California halibut.....	27,861	15,187
Flounder.....	140,015	14,800
Shark.....	53,263	4,814
Miscellaneous sole.....	14,664	3,135
White croaker.....	11,631	2,504
Perch.....	5,443	2,474
Turbot.....	7,475	1,237
Swordfish.....	677	1,016
All other species.....	25,687	2,654
Port totals.....	9,724,050	\$1,568,313
Sausalito		
Salmon.....	499,654	\$506,789
Pacific herring.....	1,130,454	119,376
Northern anchovy.....	836,885	73,144
Albacore.....	192,843	67,206
Dungeness crab.....	5,599	5,166
Rockfish.....	17,246	2,358
All other species.....	12,311	1,288
Port totals.....	2,694,992	\$775,327
Princeton		
Salmon.....	567,109	\$580,473
Dungeness crab.....	77,912	71,889
Red abalone.....	40,043	29,768
California halibut.....	23,111	12,598
Albacore.....	35,451	12,355
Rockfish.....	50,084	7,008
Shark.....	34,299	3,104
Sea urchin.....	35,600	2,407
English sole.....	5,186	1,007
All other species.....	19,506	2,944
Port totals.....	888,301	\$723,553

TABLE 17
Value of Landings by Port, San Francisco Area, 1974

TABLE 17
Value of Landings by Port, San Francisco Area, 1974—Continued

	Pounds	Value
Point Reyes		
Giant Pacific oyster.....	161,840	\$226,576
Salmon.....	124,944	126,486
Dungeness crab.....	5,142	4,745
All other species.....	2,824	406
Port totals.....	294,750	\$358,213
Oakland		
Salmon.....	177,457	\$179,656
Albacore.....	211,189	73,599
Dungeness crab.....	1,201	1,108
All other species.....	6,834	943
Port totals.....	396,681	\$255,606
Tomales Bay		
Pacific herring.....	991,410	\$104,693
Giant Pacific oyster.....	26,714	37,400
Eastern oyster.....	2,177	8,055
Perch.....	9,924	4,233
Smelt.....	13,545	1,539
All other species.....	7,410	638
Port totals.....	1,051,180	\$156,558
Berkeley		
Salmon.....	25,552	\$26,372
Dungeness crab.....	4,187	3,863
Rockfish.....	14,224	1,900
All other species.....	2,011	991
Port totals.....	45,974	\$33,126
Richmond		
Perch.....	17,861	\$7,618
White croaker.....	27,457	5,911
Salmon.....	3,901	4,060
All other species.....	2,014	1,112
Port totals.....	51,233	\$18,701
Marshall		
Pacific herring.....	40,000	\$4,224
All other species.....	1,049	894
Port totals.....	41,049	\$5,118
All other ports		
Longjaw mudsucker.....	1,756	\$4,912
Perch.....	7,027	3,019
Bay shrimp.....	2,147	1,299
All other species.....	7,682	1,631
Totals.....	18,612	\$10,861
SAN FRANCISCO AREA TOTALS.....	19,122,405	\$5,550,663

TABLE 17
Value of Landings by Port, San Francisco Area, 1974

TABLE 18
Value of Landings by Port, Monterey Area, 1974

	Pounds	Value
Monterey		
Market squid.....	12,834,449	\$770,067
Rockfish.....	5,260,829	633,464
Sablefish.....	5,031,587	542,908
Albacore.....	673,796	238,928
Salmon.....	73,970	78,718
Lingcod.....	512,336	72,649
Northern anchovy.....	2,515,570	51,569
Petrale sole.....	204,640	42,995
Spot prawn.....	27,961	37,739
English sole.....	203,909	34,297
Sanddab.....	91,631	14,844
Pacific herring.....	120,065	13,687
Rex sole.....	69,605	9,111
White croaker.....	91,166	7,658
Dover sole.....	66,855	7,020
California halibut.....	6,495	3,978
Shark.....	28,473	2,952
Junk mackerel.....	15,833	1,992
Flounder.....	11,578	1,702
Swordfish.....	888	1,298
Skate.....	20,765	1,090
All other species.....	12,554	3,028
Port totals.....	27,874,955	\$2,571,694
Moss Landing		
Albacore.....	1,636,298	\$580,231
Salmon.....	462,620	481,476
Northern anchovy.....	7,548,000	154,734
Market squid.....	1,660,725	98,644
Sablefish.....	759,820	85,222
Rockfish.....	629,633	80,128
Petrale sole.....	134,760	28,313
English sole.....	151,333	25,454
Sanddab.....	107,186	17,364
Lingcod.....	76,008	10,778
Pacific herring.....	88,400	10,078
Dover sole.....	65,663	6,888
Dungeness crab.....	2,525	2,642
Flounder.....	16,915	2,486
Rex sole.....	15,722	2,038
Sand sole.....	9,005	1,706
California halibut.....	2,345	1,436
Swordfish.....	776	1,134
All other species.....	30,728	4,030
Port totals.....	13,428,402	\$1,595,802
Santa Cruz		
Salmon.....	77,409	\$80,515
Rockfish.....	10,501	17,732
Pacific butterfish.....	13,816	10,995
California halibut.....	16,652	10,216
Flounder.....	35,930	5,282
Albacore.....	8,775	3,112
White seabass.....	3,968	2,453
Lingcod.....	11,415	1,619
Northern anchovy.....	75,045	1,538
Miscellaneous sole.....	4,440	1,036
All other species.....	34,033	4,037
Port totals.....	392,074	\$138,735
All other ports		
All species.....	78	\$51
Totals.....	78	\$51
MONTEREY AREA TOTALS	41,695,509	\$4,306,282

TABLE 18
Value of Landings by Port, Monterey Area, 1974

TABLE 19
Value of Landings by Port, Santa Barbara Area, 1974

	Pounds	Value
Santa Barbara		
Red abalone.....	483,283	\$328,729
Sea urchin.....	3,687,505	269,557
Black abalone.....	792,767	215,712
Rockfish.....	1,296,684	177,967
Spot prawn.....	182,649	175,873
Pink abalone.....	185,555	133,247
Swordfish.....	66,207	94,937
Pacific bonito.....	653,381	83,174
California spiny lobster.....	39,080	73,037
California halibut.....	43,130	31,701
Rock crab.....	136,738	22,808
English sole.....	77,362	12,596
White seabass.....	16,207	10,945
Petrale sole.....	32,135	6,999
Rex sole.....	33,665	5,683
Shark.....	23,804	5,495
Salmon.....	2,360	2,821
Green abalone.....	3,045	2,327
Dover sole.....	18,740	2,172
Ridgeback prawn.....	4,015	2,059
Lingcod.....	15,212	2,014
Threaded abalone.....	4,097	1,923
Pacific Ocean shrimp.....	5,517	1,535
White croaker.....	8,819	1,528
All other species.....	59,859	3,955
Port totals.....	7,872,216	\$1,669,144
Morro Bay		
Albacore.....	923,146	\$327,901
Rockfish.....	2,032,430	267,214
Giant Pacific oyster.....	130,378	182,529
Salmon.....	119,840	111,203
Petrale sole.....	346,210	75,405
Red abalone.....	103,595	70,465
Lingcod.....	518,556	68,657
Dungeness crab.....	65,081	64,463
English sole.....	137,491	22,920
Sea urchin.....	257,104	18,794
California halibut.....	14,829	10,899
Spot prawn.....	7,457	7,180
Swordfish.....	3,995	5,732
Perch.....	9,266	3,815
Rock crab.....	17,770	2,964
Rex sole.....	15,140	2,563
Sablefish.....	37,460	2,326
White croaker.....	13,280	2,301
Dover sole.....	19,746	2,289
Shark.....	4,476	1,030
All other species.....	11,407	2,812
Port totals.....	4,788,657	\$1,253,462
Port Hueneme		
Northern anchovy.....	36,063,441	\$699,631
Pacific bonito.....	1,451,680	184,654
Market squid.....	3,832,421	112,673
Jack mackerel.....	665,200	37,251
Sea urchin.....	367,628	26,874
California halibut.....	16,148	11,869
Swordfish.....	7,252	10,404
White seabass.....	12,271	8,287
California spiny lobster.....	3,205	5,990
Shark.....	22,981	5,528
Albacore.....	8,799	3,125
Rockfish.....	18,317	2,914
All other species.....	19,529	3,086
Port totals.....	42,488,872	\$1,112,086

TABLE 19
Value of Landings by Port, Santa Barbara Area, 1974

TABLE 19
Value of Landings by Port, Santa Barbara Area, 1974—Continued

	Pounds	Value
Avila		
Salmon.....	111,863	\$109,539
Albacore.....	201,629	71,619
Rockfish.....	505,732	70,669
Sea urchin.....	676,305	49,438
Dungeness crab.....	38,896	35,626
Red abalone.....	48,231	32,807
Petrale sole.....	100,868	21,969
California halibut.....	29,000	21,315
Lingcod.....	158,477	20,982
English sole.....	95,302	15,887
Rock crab.....	84,477	14,001
Sand sole.....	26,105	4,942
Perch.....	11,764	4,839
White seabass.....	6,331	4,275
Flounder.....	28,301	3,617
Swordfish.....	2,426	3,481
Dover sole.....	21,401	2,480
Shark.....	8,001	1,844
Pacific bonito.....	12,986	1,652
Rex sole.....	6,155	1,042
All other species.....	44,489	4,283
Port totals.....	2,218,739	\$409,297
Oxnard		
Sea urchin.....	1,652,040	\$120,764
Swordfish.....	18,443	26,460
Rockfish.....	129,107	19,377
California spiny lobster.....	4,916	9,188
California halibut.....	9,888	7,268
Albacore.....	3,134	1,113
All other species.....	16,522	4,471
Port totals.....	1,834,050	\$188,641
Ventura		
Sea urchin.....	252,482	\$18,456
Swordfish.....	10,161	14,578
Shark.....	10,886	2,510
Red abalone.....	3,543	2,410
White seabass.....	2,152	1,453
Pink abalone.....	1,529	1,098
All other species.....	10,719	2,728
Port totals.....	291,472	\$43,233
All other ports		
All species.....	272	\$69
Totals.....	272	\$69
SANTA BARBARA AREA TOTALS.....	59,494,278	\$4,765,932

TABLE 19
Value of Landings by Port, Santa Barbara Area, 1974

TABLE 20
Value of Landings and Shipments by Port, Los Angeles Area, 1974

	Pounds	Value
Terminal Island		
Landings:		
Yellowfin tuna.....	196,836,761	\$56,629,936
Skipjack tuna.....	40,661,399	11,035,504
Northern anchovy.....	116,369,500	2,408,849
Bluefin tuna.....	7,053,207	2,024,976
Pacific bonito.....	11,574,820	1,554,498
Albacore.....	3,277,435	1,231,660
Jack mackerel.....	18,585,466	1,109,466
Black skipjack tuna.....	2,290,110	182,200
Market squid.....	1,181,000	50,074
Bigeye tuna.....	49,770	14,309
Pelagic red crab.....	68,120	9,728
Swordfish.....	6,556	8,794
Pacific mackerel.....	94,849	7,597
Yellowtail.....	14,710	3,191
All other species.....	14,704	1,003
Total landings.....	398,301,407	\$76,271,785
Shipments: *		
Skipjack tuna.....	156,311,159	\$46,908,970
Albacore.....	72,224,866	35,303,514
Yellowfin tuna.....	16,387,964	6,442,109
Bluefin tuna.....	1,065,768	418,066
Bigeye tuna.....	728,105	243,187
All other species.....	670	67
Total shipments.....	246,719,532	\$89,315,922
Port totals.....	645,020,939	\$165,557,707
San Pedro		
Landings:		
Market squid.....	9,017,538	\$382,306
Pacific bonito.....	2,667,031	358,182
Swordfish.....	231,998	311,176
Jack mackerel.....	4,158,502	244,520
White seabass.....	318,665	188,905
Bluefin tuna.....	613,392	176,277
Pink abalone.....	196,761	129,744
Rockfish.....	431,135	101,273
Yellowfin tuna.....	316,368	91,019
California spiny lobster.....	39,574	77,977
Black abalone.....	332,575	74,098
Rock crab.....	327,744	74,005
White abalone.....	84,592	60,412
Green abalone.....	93,832	60,403
White croaker.....	327,707	59,446
California halibut.....	66,949	42,452
Pacific butterfish.....	68,214	32,947
Giant sea bass.....	59,090	22,324
Shark.....	96,427	21,982
California barracuda.....	34,692	17,878
Flyingfish.....	71,105	17,776
Yellowtail.....	56,417	12,377
Black skipjack tuna.....	147,810	12,076
Northern anchovy.....	6,560,500	11,302
Pelagic red crab.....	70,640	10,087
Red abalone.....	9,990	6,640
Sculpin.....	13,140	6,025
Albacore.....	14,537	5,463
Grouper.....	12,045	4,818
Perch.....	14,158	4,683
Smelt.....	43,930	3,844
Pacific mackerel.....	37,693	3,019
Opahye.....	8,251	2,851
English sole.....	19,247	2,825
Queenfish.....	78,739	2,614

* Beginning in 1965 only tuna shipments are recorded.

TABLE 20
Value of Landings and Shipments by Port, Los Angeles Area, 1974

TABLE 20
Value of Landings and Shipments by Port, Los Angeles Area, 1974—Continued

	Pounds	Value
Petrale sole.....	0,231	\$2,300
Sea urchin.....	29,972	2,167
Blacksmith.....	23,825	1,196
All other species.....	38,774	5,440
Port totals.....	20,727,520	\$2,644,698
Wilmington		
Landings:		
Jack mackerel.....	1,725,490	101,459
Swordfish.....	25,985	38,878
Northern anchovy.....	1,228,882	25,438
Yellowfin tuna.....	84,386	24,278
California spiny lobster.....	4,553	8,971
Perch.....	9,231	3,106
Pink abalone.....	2,080	1,372
All other species.....	17,975	3,368
Port totals.....	3,101,582	\$206,870
Newport Beach		
Landings:		
Swordfish.....	84,736	\$113,656
California spiny lobster.....	6,944	13,682
Rockfish.....	32,089	8,729
Albacore.....	18,843	7,081
White seabass.....	3,003	1,780
All other species.....	13,931	1,851
Port totals.....	159,546	\$146,759
Redondo Beach		
Landings:		
Rock crab.....	231,623	\$52,300
California spiny lobster.....	13,601	26,799
White seabass.....	4,803	2,847
Pink abalone.....	4,102	2,705
Green abalone.....	4,035	2,597
California halibut.....	3,410	2,162
Swordfish.....	1,385	1,888
Rockfish.....	5,075	1,379
All other species.....	12,978	3,567
Port totals.....	281,012	\$96,214
Dana Point		
Landings:		
California spiny lobster.....	4,194	\$8,264
Rockfish.....	17,467	4,747
Swordfish.....	3,417	4,583
California halibut.....	4,708	2,085
Sculpin.....	5,609	2,572
Shark.....	5,859	1,342
All other species.....	16,241	2,385
Port totals.....	57,495	\$26,878
Long Beach		
Landings:		
California spiny lobster.....	4,815	\$9,487
Northern anchovy.....	244,994	5,071
Swordfish.....	910	1,221
All other species.....	49,951	3,061
Port totals.....	300,670	\$18,840
Santa Monica		
Landings:		
Swordfish.....	10,185	\$13,661
Rockfish.....	4,691	1,108
All other species.....	442	131
Port totals.....	15,318	\$14,900

TABLE 20
Value of Landings and Shipments by Port, Los Angeles Area, 1974

TABLE 20
Value of Landings and Shipments by Port, Los Angeles Area, 1974—Continued

	Pounds	Value
Malibu		
Landings:		
California spiny lobster.....	3,369	\$6,638
All other species.....	11,830	3,326
Port totals.....	15,199	\$9,964
Avalon		
Landings:		
California spiny lobster.....	2,052	\$4,043
Swordfish.....	2,983	4,901
All other species.....	3,879	1,334
Port totals.....	8,914	\$9,378
All other ports		
Swordfish.....	1,384	\$1,856
Pink abalone.....	1,850	1,220
Rock crab.....	4,640	1,048
All other species.....	1,756	1,004
Totals.....	9,630	\$5,128
LOS ANGELES AREA TOTALS.....	669,697,825	\$168,767,336

TABLE 20
Value of Landings and Shipments by Port, Los Angeles Area, 1974

TABLE 21
Value of Landings and Shipments by Port, San Diego Area, 1974

	Pounds	Value
San Diego		
Landings:		
Yellowfin tuna.....	48,871,969	\$14,045,804
Skipjack tuna.....	19,313,932	5,205,105
Bluefin tuna.....	3,936,052	1,092,648
Albacore.....	1,225,331	457,906
Pacific bonito.....	2,387,729	320,433
Rockfish.....	1,194,234	297,262
White seabass.....	345,389	210,444
Swordfish.....	152,939	209,892
California spiny lobster.....	37,284	107,184
Bigeye tuna.....	240,369	69,106
Sole.....	137,288	50,865
Red abalone.....	61,866	45,236
Pink abalone.....	61,443	44,540
Black skipjack tuna.....	580,458	43,534
Shark.....	117,485	34,960
White abalone.....	28,342	25,556
Market squid.....	367,434	21,862
Yellowtail.....	98,761	18,883
Green abalone.....	18,558	14,763
California halibut.....	14,288	10,082
Rock crab.....	37,792	9,977
Sea urchin.....	88,665	7,288
Giant sea bass.....	18,622	6,931
Perch.....	16,605	5,307
Black abalone.....	18,069	4,456
Threaded abalone.....	3,495	1,577
Wahoo.....	4,677	1,511
All other species.....	35,900	5,967
Total landings.....	79,434,976	\$22,369,509
Shipments: [*]		
Skipjack tuna.....	13,298,825	\$4,081,409
Albacore.....	5,201,272	2,215,742
Yellowfin tuna.....	554,951	187,296
Total shipments.....	19,055,048	\$6,484,447
Port totals.....	98,490,024	\$28,853,956
Oceanside		
Landings:		
Rockfish.....	182,471	\$33,038
White seabass.....	34,487	21,065
California halibut.....	22,177	15,648
Swordfish.....	11,100	15,227
Shark.....	47,899	14,561
California spiny lobster.....	4,389	8,212
Pacific bonito.....	57,955	7,778
Yellowtail.....	31,137	5,953
Halfmoon.....	5,262	1,604
Rock crab.....	4,301	1,135
Perch.....	3,215	1,025
All other species.....	18,244	2,797
Port totals.....	372,327	\$128,043
La Jolla		
Landings:		
Swordfish.....	1,872	\$2,568
All other species.....	1,062	263
Port totals.....	2,934	\$2,831
All other ports		
California spiny lobster.....	2,379	\$4,452
All other species.....	3,642	878
Totals.....	6,021	\$5,330
SAN DIEGO AREA TOTALS.....	98,871,206	\$28,990,160

* Beginning in 1965 only tuna shipments are recorded.

TABLE 21
Value of Landings and Shipments by Port, San Diego Area, 1974

TABLE 22
Statewide Commercial Partyboat Catch by Species
(Not including anchored barges)
1965–1974 *

Species	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	FISH BULETTIN 1966
Barracuda, California.....	413,301	892,697	670,480	372,946	358,818	373,801	50,471	38,943	92,485	55,284	
Bass, kelp and sand.....	1,230,513	1,275,539	1,003,914	1,317,563	1,248,125	922,260	948,131	845,081	605,579	618,034	
Bonito, Pacific.....	806,522	644,415	349,952	1,102,556	1,130,241	651,589	152,706	415,984	472,451	141,619	
Cod, Pacific.....	12,252	12,592	19	19	19	19	2,121	11,181	7,251	6,594	
Halibut, California.....	118,213	88,726	63,582	54,663	27,634	29,958	10,599	8,140	9,622	10,292	
Lingcod.....	33,260	44,676	43,559	42,419	31,693	61,833	63,239	103,905	80,778	79,685	
Mackerel, jack.....	25,619	19,027	16,236	13,588	11,272	15,725	10,611	5,913	15,789	12,467	
Mackerel, Pacific.....	151,896	205,690	188,366	178,333	129,570	123,770	228,223	245,882	199,164	102,121	
Rockfish, ocean.....	1,242,718	1,884,718	2,101,542	1,945,881	2,101,542	2,091,542	3,045,540	3,045,540	4,012,122	4,012,122	
Salmon.....	51,677	70,151	84,946	127,584	111,859	95,301	130,812	151,503	124,676	107,942	
Sealipin.....	71,888	69,551	63,280	58,848	63,011	82,523	84,013	65,888	83,475	85,956	
Seabass, white.....	9,775	3,972	3,355	4,138	4,055	4,359	5,265	3,858	7,082	4,003	
Sheepshead.....	10,251	25,467	40,765	37,675	45,467	39,467	39,467	33,467	46,234	30,170	
Tuna, albacore.....	99,771	74,680	98,497	120,710	48,887	112,106	160,361	89,890	9,558	12,814	
Tuna, bluefin.....	92	1,998	3,166	1,231	1,470	1,833	749	1,470	5,347	5,768	
Whitefish, ocean.....	13,810	15,857	18,184	22,155	36,474	49,990	29,800	24,632	42,362	23,301	
Yellowtail, ocean.....	1,257	30,163	1,257	30,163	97,497	97,497	41,497	50,497	211,257	211,119	
All others.....	163,565	166,470	145,073	205,410	421,337	298,375	421,729	305,283	329,255	228,208	
Total number of fish.....	4,634,558	5,408,420	4,444,164	5,731,201	5,725,575	5,630,835	4,804,182	5,462,405	5,923,478	5,691,603	
Total number of anglers.....	688,103	837,000	789,102	846,654	807,811	873,327	728,126	792,618	880,100	809,100	
Total number of angler hours.....	3,486,218	4,193,765	3,880,630	4,294,966	4,034,066	4,442,856	3,778,266	4,075,967	4,382,184	3,875,750	

* See Fish Bulletin 121 for historical records 1930–1961.

TABLE 22
Statewide Commercial Partyboat Catch by Species (Not including anchored barges) 1965–1974

TABLE 23
Inshore Bait Landings by Area, Pounds, and Value, 1974

Species	Sacramento	San Francisco and Monterey	Los Angeles	San Diego	Statewide*
Bonito-----	---	---	---	---	129 \$67
Clams					
Freshwater-----	553,889 \$83,689	830 \$125	---	---	554,719 \$83,814
Gaper-----	326 99	---	---	---	326 99
Jackknife-----	---	19,358	3,112	22,470	
Littleneck-----	---	\$24,673	\$2,087	\$26,760	
Purple-----	---	---	15,100	15,157	1 \$1
Rock-----	---	---	---	7,486	\$7,532
Crab					
Sand-----	---	8,281	1,312	9,611	4 \$98
Shore-----	---	\$22,446 161	\$61	\$22,514 161	
Rock-----	---	880	---	880	
Mudsucker, longjaw-----	27 \$117	3,646 \$5,538	---	---	3,673 \$5,655
Mussel (bay and rock)-----	426 \$170	70,342 \$15,735	10,874 \$1,997	81,642 \$17,902	
Sculpin, staghorn-----	575 \$1,922	---	---	---	575 \$1,922
Shad, threadfin-----	---	---	---	---	115 \$115
Shrimp					
Bay-----	75,293 \$139,409	2,113 \$4,682	---	---	77,406 \$144,091
Brine-----	99,620 \$5,977	---	90,488 \$141,140	1,630,752 \$233,999	
Ghost-----	---	9,300	1,361	10,668	
Red-----	---	\$36,303	\$3,648	\$40,063	
Total-----	729,404 \$231,114	7,341 \$10,614	107,442 \$100,037	122,247 \$156,419	2,407,421 \$585,536

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

TABLE 23
Inshore Bait Landings by Area, Pounds, and Value, 1974

TABLE 24
Recorded Catch of Live Bait for Saltwater Sportfishing 1970-1974

Species	Thousands of pounds*				
	1970	1971	1972	1973	1974
Anchovy, northern-----	12,210	12,774	11,700	12,432	11,299
Mackerel, jack-----	---	9	5	120	T
Mackerel, Pacific-----	---	1	---	75	---
Sardine, adult-----	---	---	T	---	---
Sardine, juvenile-----	6	T	T	---	---
Squid, market-----	---	10	---	66	T
Miscellaneous†-----	4	---	16	80	51
Total pounds-----	12,220	12,794	11,721	12,773	11,350
Number of vessels‡-----	11	14	12	11	14

* Weights are estimated from voluntary records. They should be regarded as minimal since 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 reported here should be considered minimal because some fishing operations utilize more than one vessel simultaneously or alternately, while others do not volunteer catch information at all.

TABLE 24
Recorded Catch of Live Bait for Saltwater Sportfishing 1970-1974

TABLE 25
California Ocean Recreational Salmon Landings and Success * by Fishery, Port, Month, and Species, in Numbers of Fish—1974

	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	*	4	0	*	13	0	0.3	9	81	0.8
Skiff.....	85	200	0.2	1,079	12,302	1.3
Eureka																		
Partyboat.....	0	0	*	0	0	*	3	0	*	167	0	*	112	0	0.2	954	0	*
Skiff.....	1,929	6,055	1.1	3,358	18,663	1.1
Fort Bragg																		
Partyboat.....	0	0	*	0	0	*	4	86	*	12	239	*	59	1,173	1.1	488	1,925	1.2
Skiff.....	233	428	0.3	1,453	6,638	0.8
San Francisco																		
Partyboat.....	9,655	0	1.8	27,368	45	2.4	11,874	301	1.1	5,022	3,724	1.3	7,767	6,517	1.4	11,002	929	1.0
Skiff.....	5,370	0	1.3	19,711	0	1.4	6,642	18	0.7	2,645	711	0.8	2,921	887	0.6	4,253	551	0.8
Mendocino																		
Partyboat.....	95	0	b	386	0	b	241	0	b	539	0	b	1,017	0	0.3	116	0	b
Skiff.....	614	0	0.5	2,205	0	0.8	140	322	0.5	615	1,429	1.0	4,607	392	1.1	662	0	0.2
Statewide																		
Partyboat.....	9,750	0	1.8	27,754	45	2.4	12,122	387	1.1	5,744	3,963	1.3	8,088	7,990	1.1	12,420	2,835	1.0
Skiff.....	5,984	0	1.0	15,216	0	1.1	5,783	340	0.7	3,260	2,140	0.8	9,082	7,962	0.8	10,805	38,454	1.0

TABLE 25
California Ocean Recreational Salmon Landings and Success by Fishery, Port, Month and Species, in Numbers of Fish—1974—Continued*

	August			September			October			November			December			Season			
	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	81	0.5	174	0	0.3	--	--	*	--	--	*	--	26	81	0.6
Skiff.....	1,237	2,516		81												2,482	15,192	0.9	
Eureka																			
Partyboat.....	553	0	*	81	0	*	13	0	*	0	0	*	0	0	*	1,943	0	0.3	
Skiff.....	1,212	4,694	0.6	690	852	0.5	--	--	*	--	--	*	--	--	--	7,155	30,204	0.8	
Fort Bragg																			
Partyboat.....	202	801	*	0	0	*	0	0	*	0	0	*	0	0	*	755	4,224	1.2	
Skiff.....	1,779	2,469	0.7	38	90	0.2	--	--	*	--	--	*	--	--	--	3,503	9,625	0.7	
San Francisco																			
Partyboat.....	5,103	122	0.6	3,008	0	0.6	3,335	7	0.8	1,332	0	0.5	0	0	*	86,537	11,945	1.2	
Skiff.....	4,529	727	0.4	5,717	0	0.4	5,394	0	0.5	213	0	0.2	--	--	--	44,735	5,194	0.7	
Mendocino																			
Partyboat.....	6	0	b	5	0	b	3	0	b	3	0	b	0	0	*	2,411	0	0.3	
Skiff.....	57	0	0.1	17	0	0.1	7	0	0.1	13	0	0.1	--	--	--	8,937	2,143	0.7	
Statewide																			
Partyboat.....	8,864	923	0.6	3,094	0	0.6	3,401	7	0.8	1,335	0	0.5	0	0	*	91,652	16,350	1.1	
Skiff.....	9,314	10,946	0.5	4,521	1,116	0.4	5,461	0	0.5	293	0	0.2	--	--	--	65,753	60,358	0.8	

* Salmon per angler-day, species combined.
 b No sampling.
 > Sampling not consistent with other ports.

MARINE FISH LANDINGS FOR 1974

49

TABLE 25
California Ocean Recreational Salmon Landings and Success by Fishery, Port, Month, and Species, in Numbers of Fish—1974

TABLE 26
California Commercial Troll Salmon Landings by Port-Area, Month and Species, in Pounds* and Numbers—1974

	April		May		June		July		August		September		Season		
	Pounds	Numbers	Pounds	Numbers	Pounds	Numbers	Pounds	Numbers	Pounds	Numbers	Pounds	Numbers	Pounds	Numbers	
Crescent City															
King.....	4,888	573	60,418	7,621	77,412	10,155	33,917	6,158	14,159	1,675	1,335	148	132,257	24,310	
Silver.....	0	0	114,556	63	27,152	38	64,385	234,540	35,185	23,390	2,588	6,168	748	67,355	131,416
Pink.....	0	0	16	16	38	8	23	7	0	0	0	0	0	124	31
Eureka															
King.....	57,029	7,077	342,421	45,985	188,053	20,177	125,843	9,416	21,239	2,322	4,290	462	742,495	84,442	
Silver.....	0	0	779,451	180,061	331,023	65,215	366,985	51,704	43,475	5,075	9,824	1,389	1,831,186	303,355	
Pink.....	0	0	467	156	0	0	0	0	0	0	0	467	0	156	
Fort Bragg															
King.....	32,507	4,047	71,449	9,590	308,437	29,329	449,062	38,705	194,123	17,066	15,769	1,303	1,071,347	100,130	
Silver.....	0	0	143,130	32,499	258,203	44,817	337,953	41,713	178,357	19,018	112	15	912,277	137,581	
Pink.....	0	0	15	3	271	68	0	0	0	0	0	0	0	71	
San Francisco															
King.....	544,273	62,098	372,309	40,603	462,109	44,583	440,370	35,590	282,147	23,977	198,387	15,939	2,299,595	222,785	
Silver.....	0	0	64,599	12,449	157,033	24,989	181,053	19,711	70,868	7,604	577	62	475,330	64,815	
Pink.....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Monterey															
King.....	150,289	14,994	159,118	13,751	232,073	16,314	92,732	6,328	83,899	6,094	24,654	2,416	742,762	59,895	
Silver.....	0	0	50,560	10,627	47,751	6,416	7,118	0	796	397	0	0	0	17,878	
Pink.....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Statewide															
King.....	788,988	88,784	1,005,715	117,553	1,265,784	120,538	1,141,054	93,285	598,554	51,134	244,433	20,268	5,048,456	491,562	
Silver.....	0	0	1,153,018	263,403	1,087,439	206,118	1,127,681	149,110	315,265	34,631	16,681	2,654	3,700,054	655,916	
Pink.....	0	0	342	175	309	76	23	7	0	0	0	0	874	238	

* Dressed, head on.

TABLE 26
California Commercial Troll Salmon Landings by Port-Area, Month and Species, in Pounds and Numbers—1974

APPENDICES

Species	January	APPENDIX I Monthly Landings From Inland Waters during 1974											Total pounds
		February	March	April	May	June	July	August	September	October	November	December	
LANDINGS:													
Fif: Blackfish, Sacramento.....	73,188	14,630	84,973	18,750	3,500	---	---	---	1,700	6,850	23,355	30,530	258,056
Carp.....	61,081	9,968	18,657	9,858	10	---	---	---	3,080	2,245	2,212	2,820	109,658
Pike.....	---	---	---	1,548	---	---	---	---	15,000	77,150	47,150	15,150	151,350
Hitch.....	---	---	---	---	---	---	---	---	3,234	21,783	169	6,135	31,321
Lamprey.....	---	---	---	3,000	1,000	---	---	---	---	---	---	---	4,000
Pike, mermaid.....	50	---	60	---	---	---	---	---	160	---	130	---	400
Sucker.....	---	4	---	---	---	---	---	---	426	5,339	260	1,259	7,288
Crustacean:													
Crayfish.....	125	53	90	63	18,368	84,511	86,939	48,521	7,448	340	150	15	246,623
Mollusk:													
Clam, freshwater.....	---	434	---	248	213	317	---	---	---	744	390	---	2,998
Clam, roundshelled.....	---	---	---	260	293	---	---	---	312	---	---	---	1,253
Amphibia:													
Bullfrog.....	125	81	2,064	1,861	1,674	1,131	360	1,234	2,383	766	79	50	11,808
Total pounds.....	134,569	25,170	105,844	34,752	25,045	86,354	87,299	49,755	33,631	114,735	75,529	51,164	822,847

MARINE FISH LANDINGS
FOR 1974

51

APPENDIX I Monthly Landings From Inland Waters during 1974

APPENDIX II
Value of Landings From Inland Waters by County during 1974

County and species	Pounds	Value	County and species	Pounds	Value
Alameda			Sacramento		
Lamprey.....	4,000	\$4,000	Crayfish.....	191,467	\$87,328
Crayfish.....	1,910	1,386	Bullfrog.....	1,150	775
Bullfrog.....	8,433	6,283	County totals.....	192,617	\$88,103
County totals.....	14,343	\$11,669			
Calaveras			San Diego		
Blackfish, Sacramento.....	34,750	\$3,475	Carp.....	352	\$70
Carp.....	2,311	774	Clam, freshwater.....	2,098	691
Sucker.....	4	---	Clam, unclassified.....	1,235	432
County totals.....	36,965	\$4,249	County totals.....	3,685	\$1,193
Fresno			San Francisco		
Crayfish.....	55	\$116	Shad, American.....	50	\$5
County totals.....	55	\$116	Bullfrog.....	72	54
Kern			County totals.....	122	\$59
Carp.....	5,600	\$1,960			
County totals.....	5,600	\$1,960	San Joaquin		
Lake			Carp.....	1,000	\$350
Blackfish, Sacramento.....	188,066	\$18,807	County totals.....	1,000	\$350
Carp.....	100,520	35,182			
Hardhead.....	2,098	210	Solano		
County totals.....	290,684	\$54,199	Crayfish.....	52,987	\$24,167
Los Angeles			County totals.....	52,987	\$24,167
Shad, American.....	60	\$12			
County totals.....	60	\$12	Yolo		
Madera			Crayfish.....	204	\$93
Bullfrog.....	196	\$259	Bullfrog.....	1,903	1,283
County totals.....	196	\$259	County totals.....	2,107	\$1,376
Mendocino			Grand total.....	823,847	\$210,108
Shad, American.....	290	\$16			
County totals.....	290	\$16	Recap		
Merced			Blackfish, Sacramento.....	258,056	\$25,806
Blackfish, Sacramento.....	35,240	\$3,524	Carp.....	109,685	38,337
Carp.....	2	1	Hardhead.....	151,333	15,134
Hardhead.....	149,235	14,924	Hitch.....	31,321	3,132
Hitch.....	31,321	3,132	Lamprey.....	4,000	4,000
Sucker.....	7,284	728	Shad, American.....	400	33
Bullfrog.....	54	71	Sucker.....	7,288	728
County totals.....	223,136	\$22,380	Crayfish.....	246,623	113,090
			Clam, freshwater.....	2,098	691
			Clam, unclassified.....	1,235	432
			Bullfrog.....	11,808	8,725
			Grand total.....	823,847	\$210,108

APPENDIX II
Value of Landings From Inland Waters by County during 1974

MARINE FISH LANDINGS FOR 1974
APPENDIX III
KELP HARVEST IN TONS

53

Year	Open beds	Leased beds	Total tons
1916.....	134,537.00	---	134,537.00
1917.....	394,974.00	---	394,974.00
1918.....	395,098.00	---	395,098.00
1919.....	16,673.00	---	16,673.00
1920.....	25,464.00	---	25,464.00
*			
1931.....		260.00	260.00
1932.....	301.61	10,013.08	10,314.69
1933.....	52.75	21,568.65	21,621.40
1934.....	1,827.21	14,052.57	15,879.78
1935.....	---	30,601.83	30,601.83
1936.....	14,336.70	34,980.34	49,317.04
1937.....	9,612.70	34,340.65	43,953.35
1938.....	18,284.06	29,413.25	47,697.31
1939.....	25,546.30	31,189.70	56,736.00
1940.....	33,322.20	25,682.20	59,004.40
1941.....	36,103.00	19,614.00	55,717.00
1942.....	44,880.11	17,017.65	61,897.76
1943.....	19,547.44	28,410.86	47,958.30
1944.....	22,710.50	30,319.40	53,029.90
1945.....	37,541.30	21,639.90	59,181.20
1946.....	60,384.90	30,682.60	91,068.50
1947.....	46,028.80	28,207.80	74,236.60
1948.....	50,966.10	27,675.00	78,641.10
1949.....	56,076.00	27,270.00	83,346.00
1950.....	49,955.00	50,647.00	100,602.00
1951.....	30,318.00	84,442.00	114,760.00
1952.....	37,906.00	72,252.50	110,158.50
1953.....	37,172.50	89,476.50	126,649.00
1954.....	40,269.00	65,946.50	106,215.50
1955.....	38,992.00	85,071.00	124,063.00
1956.....	35,476.50	82,339.00	117,815.50
1957.....	32,810.75	61,396.50	94,207.25
1958.....	41,105.75	72,855.75	114,081.50
1959.....	42,289.65	47,309.45	89,599.10
1960.....	61,914.95	58,384.35	120,299.80
1961.....	71,952.70	57,303.30	129,256.00
1962.....	88,227.70	54,005.10	140,232.80
1963.....	57,517.00	63,514.80	121,031.80
1964.....	35,592.90	91,660.85	127,253.75
1965.....	33,464.10	101,664.90	135,129.00
1966.....	11,100.70	108,363.20	119,463.90
1967.....	9,331.00	122,164.00	131,495.00
1968.....	20,388.20	114,465.15	134,853.35
1969.....	10,628.70	121,210.50	131,239.20
1970.....	8,058.00	118,981.00	127,039.00
1971.....	19,476.00	136,083.00	155,559.00
1972.....	12,332.00	150,179.00	162,511.00
1973.....	24,539.00	128,541.00	153,080.00
1974.....	37,994.12	132,187.00	170,181.12

* No data available 1921-1930.

△89358—800 5-76 3,500 LDA

APPENDIX III
KELP HARVEST IN TONS