

FISHERY STATISTICS OF THE UNITED STATES 1962



STATISTICAL DIGEST NO. 56

UNITED STATES DEPARTMENT OF THE INTERIOR

FISH AND WILDLIFE SERVICE

Bureau of Commercial Fisheries



UNITED STATES DEPARTMENT OF THE INTERIOR

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STATISTICAL DIGEST 56

FISHERY STATISTICS
OF THE UNITED STATES
1962

BY
E. A. POWER
AND
C. H. LYLES

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Fishery statistics of the United States are compiled and published annually to make available information on both the economic and biological aspects of the domestic commercial fisheries.

Data on the economic aspects are necessary to persons engaged in the commercial fishery and to governmental agencies concerned with its regulation and protection. Those here given cover the total catch and value by species, the yield and value of manufactured products, the employment of men, craft, and gear in the capture of fishery products; and related information.

From the biological standpoint these data are important to sound fishery management in providing detailed information on fluctuations in the commercial catch by species, locality, and gear, and type of craft operated. They assist conservation agencies in regulating the commercial fisheries so as to produce maximum yields without depletion.

Previous statistical reports on the fishery industries were issued under the Department of the Interior in the Administrative Report series for 1938 and in the Statistical Digest series for succeeding years. Reports for preceding years were issued in the Administrative Report series of the former Bureau of Fisheries.

The following is a listing of the various editions of "Fishery Statistics of the United States" issued since 1939:

	Statistical Digest Number	Title
No.	1	Fishery Statistics of the United States, 1939
	4	Fishery Statistics of the United States, 1940
	7	Fishery Statistics of the United States, 1941
	11	Fishery Statistics of the United States, 1942
	14	Fishery Statistics of the United States, 1943
	16	Fishery Statistics of the United States, 1944
	18	Fishery Statistics of the United States, 1945
	19	Fishery Statistics of the United States, 1946
	21	Fishery Statistics of the United States, 1947
	22	Fishery Statistics of the United States, 1948
	25	Fishery Statistics of the United States, 1949.
	27	Fishery Statistics of the United States, 1950
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FISHERY STATISTICS OF THE UNITED STATES - 1962

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and
C.H. LYLES, Assistant Chief, Branch of Statistics
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The cooperation of the many contributors is gratefully acknowledged. Cooperators are given credit for their information in the section of the report in which the data appear.

PREFACE

This report contains a review of the fishery statistics for the year 1962 collected by the Branch of Statistics, Division of Economics. These statistics include data on the volume and value of the catch of fishery products, employment in the fisheries, quantity of gear operated, number of fishing craft employed in the capture of fishery products, information on the volume and value of the production of manufactured fishery products, data on cold storage freezings and holdings, and on foreign trade in fishery commodities.

Data on employment of fishermen, fishing craft and gear in the fisheries, and on the catch of fish, shellfish, etc., are shown for States having commercial fisheries. These data are not shown for U.S. territories and possessions. However, information on the pack of canned tuna and tuna industrial products in American Samoa and Puerto Rico have been included in manufactured products tables.

In all of the catch tables in this report, except the one on page 31 entitled, "U.S. Catch, 1962 - Live Weight Basis," the volume of fish, crustaceans, and such mollusks as squid is shown in round (live) weight. However, the weights shown for univalve and bivalve mollusks (conchs, clams, oysters, and scallops) represent the weights of meats, excluding the shell. The weight of shells omitted from the catch in 1962 amounted to about 1,210 million pounds.

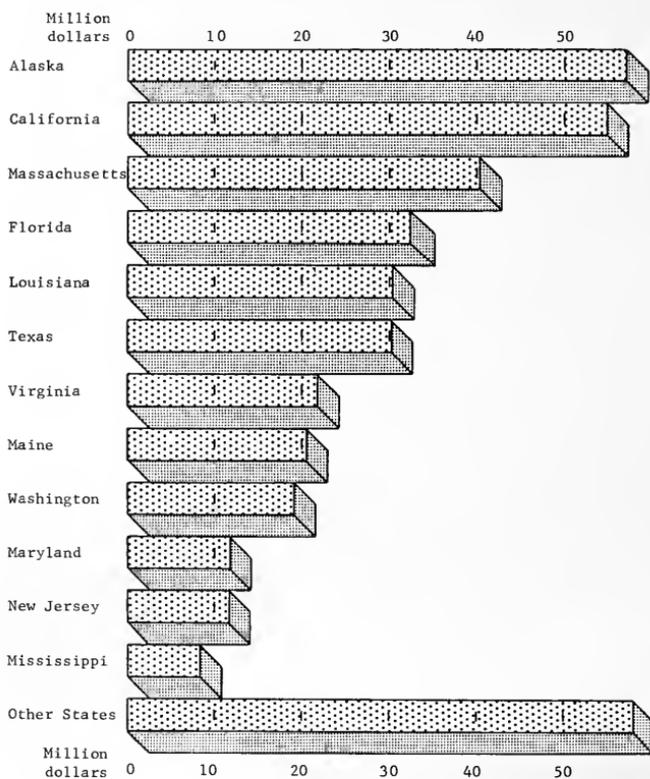
In assembling the data on the fisheries, all appropriate records collected by the various State fishery agencies were used. In certain areas, information complete enough to be used by the statistical agents was available from State agencies, and in these States, only partial surveys were conducted. Information on the means of collecting the data and an explanation of terms used may be found in Section 13 of this publication.

Complete statistical surveys covering the fisheries of the United States were conducted in all areas for 1962. The first complete survey of the fisheries of the United States was made by the Bureau of the Census for 1908. Others were made by the Bureau of Fisheries and the Fish and Wildlife Service for the years 1931, 1950, and for the years 1954 to 1960 and for 1962.

To assist persons interested in reviewing historical statistics of the domestic fisheries, a bibliography was published in the 1956 edition of "Fishery Statistics of the United States", listing the sources of data on the fisheries of the various regions of the United States for the years from 1880 to 1956.

GENERAL REVIEW

RELATIVE VALUE OF THE CATCH BY STATES, 1962



In 1962, the commercial fisheries of the United States yielded a record catch of 5.4 billion pounds worth a record \$396 million to the fishermen. The volume of the catch was 86 million pounds above the previous high set in 1956, while the value was \$23 million greater than the \$373 million received in 1958. The catch was worth an average of 7.40 cents per pound. Large catches of menhaden, herring, and miscellaneous industrial fish kept the average price per pound relatively low despite an increase in the price paid for most items. Items taken in record volume in 1962 were bluefin tuna, menhaden, blue crabs, king crabs, surf clams, and yellowtail flounders. The combined United States-Canadian catch of 75.1 million pounds of Pacific halibut (landed weight) was also a new record.

Continuing a trend which began in 1960, the number of fishing vessels again declined. Fewer vessels operated in all sections except the Middle Atlantic, where there were four more vessels than in the previous year. The addition of larger and more efficient vessels helped to upgrade the fishing fleet. In the menhaden fishery, for example, there were as many vessels as in the previous year, but some older and smaller vessels were retired, while newer and much larger craft were added. The use of fiberglass in the construction of salmon troll and gill net vessels appeared to be taking hold. In the tuna fleet, the trend was to larger purse seiners. There was little change in age, design, or size of the shrimp fleet.

The 1962 catch was taken by 126,333 fishermen--39,112 were employed on vessels of 5 net tons or greater, while 87,221 utilized boats or operated from shore.

A total of 11,511 vessels of 5 net tons or greater, 59,406 motor boats, and 4,816 other craft was utilized in making the catch. The 4,135 wholesaling and manufacturing plants in the United States employed 90,993 persons.

Over two-thirds of the U. S. fishing vessels (craft of 5 net tons and over) were less than 50 feet long. Only 9 were over 150 feet, with the longest vessel, a Gulf menhaden seiner, measuring 195 feet.

Principal States. Louisiana again led all other States in volume with 777 million pounds, accounting for almost 15 percent of the total 1962 U.S. landings. California was next with 518 million pounds, or nearly 10 percent; followed by Massachusetts, 9 percent; and Virginia, New Jersey, and Alaska, 8 percent each.

Alaska led all States in value with \$57 million--a little more than 14 percent of the U.S. total. California was next with almost \$55 million, or nearly 14 percent; Massachusetts followed with 10 percent, and Florida, Louisiana, and Texas with 8 percent each.

Principal ports. San Pedro, Calif., was the leading U.S. fishing port in 1962 with respect to both volume and value of landings, which were 362 million pounds with an ex-vessel value of \$36 million. Pascagoula, Miss., was in second place with 331 million pounds; followed by Reedville, Va., 302 million; Empire, La., 287 million; Lewes, Del., 270 million; and Cameron, La., 251 million pounds. Of these, all but San Pedro were entirely, or principally, menhaden ports. New Bedford, Mass., was second in value of landings, with \$16.5 million; followed by Boston, Mass., and Port Isabel-Brownsville, Tex., with \$10.5 million each; San Diego, Calif., \$8.8 million; and Gloucester, Mass., \$6.4 million.

Disposition of catch. In 1962, for the third time, the catch taken for industrial products (2.81 billion pounds) exceeded the quantity taken for human food (2.54 billion pounds). Industrial products include the items manufactured into meal, solubles, and oil; used for bait; fed to fur-bearing animals and pets; and manufactured into shell buttons, etc. It was estimated that the 1962 catch was used as follows: 1,621 million pounds (round weight) as fresh and frozen, 1,106 million pounds for canning, 80 million pounds for cured products, and 2,547 million pounds for manufacture into industrial products. About 548 million pounds of waste from filleting, canning, and otherwise preparing fish for market were also used in the manufacture of industrial products.

GENERAL REVIEW

Per capita consumption. The per capita consumption of fish and shellfish in the United States in 1962 was 10.7 pounds (edible weight)--0.1 pound less than in 1961. Fresh and frozen items accounted for 5.8 pounds--0.2 pound less than in the previous year, while consumption of canned products (4.4 pounds) was up 0.1 pound. Consumption of cured products was estimated to have remained at 0.5 pound. Data collected by the Bureau of Sport Fisheries and Wildlife indicate that there was an additional consumption of 3.5 pounds (edible weight) of fish and shellfish taken by sportsmen and others.

Groundfish. In 1962 there was little improvement in the condition of the domestic groundfish industry. Although ex-vessel prices were higher than in 1961, the volume of landings declined about 3 percent. Reduced landings of ocean perch and pollock were chiefly responsible for the decline. The 124 million pounds of ocean perch landed were the lowest since 1944 and less than half the record 258 million pounds taken in 1951. The decline occurred at Maine ports; the 1962 Massachusetts groundfish catch was about the same as in 1961. Reduced earnings discouraged capital and younger men from entering this oldest American industry.

Halibut. Landings of halibut by the combined United States-Canadian fleet set a new record of 75.1 million pounds (landed weight) in 1962. There was a trend for vessels to land more in Alaska because of the relatively high prices paid for fish there. Ketchikan, with landings of approximately 11 million pounds, replaced Seattle as the leading halibut port. Kodiak, Alaska, and Bellingham, Wash., also became important as landing ports for this species. By landing in Alaska, the fleet reduced running time from port to fishing grounds and was able to spend more time fishing. High prices also kept the fleet fishing for halibut rather than for other species. Of interest was the largest annual catch (850,000 pounds) of an individual vessel for the past 40 years. The catch was made by a Canadian vessel.

Contributing to the record landings were early season catches made, without quota restrictions, in the area above the Alaska peninsula and Aleutian Islands. The season in that northern area was also extended beyond the closing date of other areas. American and Canadian vessels fished further west than in previous years and found an abundance of fish within 280 miles of the Siberian Coast. Weather conditions were relatively favorable during the early season.

Herring. The Maine sea herring fishery made a remarkable recovery in 1962: the catch was up over 100 million pounds. Most of the catch is packed as canned sardines, and 2.1 million cases were canned, the largest pack since 1957. The Maine legislature authorized a 13-month season, which, however, had little effect on production, because fish were scarce during the winter and spring.

In Alaska, where the catch of herring is used exclusively for reduction or bait, the catch was 32 percent less than the previous year and, except for 1953, the lowest since 1917.

Mackerel, Pacific and jack. The 1962 mackerel fishery in southern California proved highly productive: 139 million pounds of Pacific and jack mackerel were landed. The catch was 3 million pounds less than in 1961, but was the seventh highest in the history of the fishery. Receipts of Pacific mackerel (48.6 million pounds) were the largest since 1957, and landings of jack mackerel (90 million pounds) were the second highest since 1952. A 5-week tieup of the fleet from September 1 to October 8 in an ex-vessel price dispute curtailed production at the height of the season. This, plus nightly cannery-imposed catch limits as low as 20 tons per vessel, kept the 1962 catch from becoming an alltime record.

GENERAL REVIEW

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Menhaden. The record 2.3 billion pounds of menhaden taken in 1962 were 33 million pounds greater than in 1961, and the largest annual catch of a single species ever landed in the United States. Menhaden continued the trend established in 1946 as the leading species in volume, accounting for 44 percent of the U.S. total. The catch was taken by 180 vessels totaling 38,328 gross tons. Some of the larger craft landed more than 30 million pounds per vessel; the average for all menhaden vessels was close to 13 million pounds. The Gulf of Mexico catch continued to increase, and for the second time exceeded 1 billion pounds.

Salmon. The 1962 landings of Pacific salmon were 314.6 million pounds worth a record \$56.4 million to the fishermen. The catch was up 4 million pounds and \$4 million from 1961. The pack of canned salmon was 3.8 million cases worth \$106.7 million.

The phenomenal and unexpected run of pink salmon, particularly in central Alaska, proved a bonanza for fishermen. At times, canneries were unable to process the catches, and the oversupply was transported to plants in other areas. The run of sockeye was very light in western Alaska, and almost no pink salmon were taken in Puget Sound where 1962 was an off-year cycle for this species.

Sardines, California. California's sardine fishery, once the largest in the United States in volume of catch, again sank to an extremely low level. Only 15.4 million pounds were produced, and with the exception of 1952 and 1953, the catch was the smallest since World War I. A price dispute in the fall delayed the beginning of the season about 5 weeks. At the end of the season, the one remaining cannery at San Francisco went out of business, bringing to a close the San Francisco sardine processing industry, which had over 25 reduction plants in the late 1930's.

Tuna. Landings of tuna were 312.1 million pounds worth \$45.1 million. This was a decline of 13.6 million pounds but an increase of \$2.8 million compared with 1961. Although the California operation was disrupted by price disputes that slowed unloadings in late summer and early autumn, the chief reason for the decreased landings was the sharp decline in the yellowfin catch. California landings of yellowfin fell from 192 million pounds in 1961 to 124 million in 1962. This decline was only partly offset by increased landings of albacore, bluefin, and skipjack. Declining yellowfin catches in the Pacific, increased operations in Puerto Rico, and expansion of the Atlantic Coast tuna industry were major developments during the year. For the first time, skipjack were taken by purse seines off the Middle Atlantic Coast and landed at New England ports. A cannery, a subsidiary of a Pacific Coast firm, began operating in Maryland.

Crabs. The catch of crabs in 1962 was 234 million pounds worth nearly \$19 million--a record in both volume and value. Blue crab landings reached a record 155 million pounds--a half million pounds more than the previous high taken in 1960. The Virginia catch of 55 million pounds was by far the largest ever taken in the State. In only five other States--New Jersey, Delaware, Maryland, South Carolina, and Texas--was the catch larger than in 1961.

Catches of Dungeness crabs were very low in 1962, but prices were high. Landings in the four Pacific Coast States were only 23.4 million pounds--9.3 million pounds less than in 1961 and only slightly over half the record 45.8 million pounds taken in 1948. Dungeness crabs were so scarce that the fishery was a near failure throughout most of the range of the species. The catch was down nearly one-third in Washington and Oregon; and in California, landings fell from 11.7 million pounds in 1961 to only 3.2 million pounds. Late in 1962, a new supply of Dungeness crabs was located in the vicinity of Kodiak Island, Alaska. As a result of good demand, Alaska landings reached a record--9 million pounds--over 9 million pounds more than in 1961.

GENERAL REVIEW

Alaska fishermen took a record 53 million pounds of king crabs in 1962, compared with 43 million pounds in 1961. The species dominated the Pacific Coast crab industry on the basis of its spectacular growth at a time when the Dungeness crab resource was falling. King crab fishing in the westerly portion of Kodiak Island, and in Cook Inlet, and Prince William Sound was exceptionally good. Not only were crabs abundant on known fishing grounds but were also found in new areas. Improved methods of increasing the productivity of fishing gear contributed to the heavy landings.

Oysters. Landings of oysters were the lowest on record. Production was only 56 million pounds--6.3 million less than the previous year. As a result of a dwindling supply, the Atlantic Coast States drew heavily from the Gulf area. Production increased slightly in the Gulf with major emphasis on producing fresh oyster meats, rather than canned.

Shrimp. Landings of shrimp increased in all South Atlantic and Gulf States except Texas and Florida. A scarcity of pink shrimp was largely responsible for the decline in Florida, while strict enforcement of the size regulation by the State of Texas forced fishermen to cull out a large percentage of the catch, thereby reducing the landings. All processing was at an increased tempo, with firms using both domestic and imported shrimp. Demand remained good throughout the year and was reflected in ex-vessel and processed product prices. Ex-vessel prices are believed to have reached a record high in September, when headless shrimp brought \$1.10 per pound ex-vessel at Brownsville, Tex.

The production of shrimp products continued to increase in 1962, yielding processors a record \$161 million. Only tuna products yielded a greater return.

Sealskins. On the Pribilof Islands, 77,915 sealskins were harvested in 1962--18,059 less than in 1961. The take of male skins was 53,460; this was 28,639 less than in 1961: the 24,455 female skins harvested were 10,580 more than 1961.

Whales. A total of 248 whales, 95 less than in 1961, was taken by six catcher vessels operated by two whaling stations located in San Francisco Bay and a third firm at Warrenton, Oreg., on the Columbia River. The Oregon firm took only one whale. The decline resulted from reduced catches of sperm, sei, and humpback whales. Only fin whales were taken in greater number than in 1961. The catch was processed into 9.8 million pounds of whale products worth \$706,000.

U. S. CATCH, 1948-62

Year	Quantity	Value to fishermen	Average price per pound
	<u>Million pounds</u>	<u>Million dollars</u>	<u>Cents</u>
1948.	4,513	371	8.22
1949.	4,804	343	7.13
1950.	4,901	347	7.09
1951.	4,433	365	8.23
1952.	4,432	364	8.20
1953.	4,487	356	7.94
1954.	4,762	359	7.55
1955.	4,809	339	7.05
1956.	5,268	372	7.06
1957.	4,789	354	7.39
1958.	4,747	373	7.86
1959.	5,122	346	6.76
1960.	4,942	354	7.15
1961.	5,187	362	6.98
1962.	5,354	396	7.40

GENERAL REVIEW

Canned fishery products. The 1962 pack of canned fishery products by 373 plants in the United States, American Samoa, and Puerto Rico was 36.8 million standard cases (1.1 billion pounds worth \$456.9 million to the packers). Compared with 1961, production was up 3.4 million cases (91 million pounds) and \$34 million. The increases resulted mainly from packs of Maine sardines, tuna, and animal food.

The pack for human consumption (757.3 million pounds) was nearly 48.6 million pounds above that of 1961; and the pack of bait and animal food (376.4 million pounds) was 42.4 million pounds larger. The pack of canned animal food containing less than 10 pounds of fish per standard case of 48 pounds, which is not included in the above figure, was 4,838,739 standard cases valued at \$17,056,610. Three items--salmon, tuna, and animal food--accounted for 79 percent of the total revenue received by producers of canned fishery products.

Industrial fishery products. The production of industrial fishery products by 158 plants in the United States, American Samoa, and Puerto Rico in 1962 was worth \$75.7 million--an increase of \$1.1 million over 1961.

Marine animal scrap and meal. A record 312,259 tons were produced in 1962--nearly 1,000 tons more than in 1961. Menhaden meal accounted for 77 percent of the total. Menhaden meal would have been produced in larger volume had not bad weather in the fall fishery in North Carolina caused an abrupt termination of operation in November. Producers of fish meal and scrap had a satisfactory year in 1962. Prices were good with markets showing considerable firmness despite the record domestic production and the sharply increased volume of imports.

Marine animal oil. Over 33 million gallons were produced in 1962--a decrease of 1.1 million gallons from 1961. Menhaden oil (31 million gallons) represented 93 percent of the total. Unlike the meal situation, there was some difficulty in marketing fish oil and large stocks accumulated. The supply was reported as moderate, demand slow, and the market weak. All fats and oil markets were reported to be generally weak during the year.

Solubles and homogenized condensed fish. Although production increased from 112,000 tons in 1961 to 124,000 tons in 1962, it was well below the 165,000 tons manufactured in 1959. Some solubles were incorporated into fish meal rather than being sold separately. Prices were good, tending to follow those of fish meal.

Other industrial products. Products from oyster shells and buttons from fresh-water and marine mollusk shells were worth \$8.6 million in 1962--a decrease of \$805,000 from 1961.

Other industrial products manufactured included agar-agar, fish feed pellets and animal feeds, glue, Irish moss extract, kelp products, liquid fertilizer, mollusk shell lime, pearl essence, and crab shells worth \$13.9 million.

Packaged fish. Production of fresh and frozen packaged fish fillets and steaks totaled 171.5 million pounds worth \$59.3 million to the processors. Compared with 1961, this was an increase of 13.4 million pounds and \$7.5 million. The domestic production of groundfish fillets amounted to 93.6 million pounds, 586,000 pounds more than in 1961 but 55.2 million pounds below the 148.8 million-pound-peak production of 1951. In New England, the production of flounder fillets increased 43 percent (from 18.2 million pounds in 1961 to 26 million pounds in 1962) largely as a result of excellent yellowtail flounder fishing.

Fish sticks and portions. Fish stick production reached a record 72.2 million pounds. Fish portions also made a record--78.7 million pounds. For the first time the production of fish portions exceeded that of fish sticks.

GENERAL REVIEW

Frozen fish. The 1962 production of frozen fish and shellfish by firms reporting to the Bureau of Commercial Fisheries was 343 million pounds--24 million pounds more than in 1961. Leading items frozen during the year were shrimp (77.9 million pounds), bait and animal food (63.4 million pounds), dressed halibut (43.3 million pounds), headed and gutted whiting (32.7 million pounds), and ocean perch fillets (26.4 million pounds). These items accounted for 71 percent of the total freezings during the year. A total of about 547 million pounds of fish and shellfish, as caught, were needed to produce the 343 million pounds of round, dressed, and drawn fish, fish fillets, and packaged shellfish frozen in 1962.

Foreign trade. U.S. foreign trade in fishery products (imports plus exports of domestic products) was valued at a record \$511 million in 1962--\$79 million more than in the previous year. Fishery products imported for consumption were worth a record \$475 million, exceeding by 20 percent the previous high in 1961. The value of fishery products exported was \$36 million--3 percent more than in 1961. Imports of edible products in 1962 totaled 1.2 billion pounds worth \$401 million--both record highs. Major increases in imports of edible products occurred in receipts of fresh and frozen sea herring, tuna, groundfish fillets and blocks, other fillets, and shrimp; and canned sardines. Among the few items received in smaller volume were canned tuna, bonito, and crab meat. Imports of nonedible fishery products were valued at \$74 million--21 percent more than in 1961. Gains in imports of fish meal and cultured pearls accounted for most of the increase. Exports of edible domestic fishery products amounted to 56.5 million pounds--41 percent more than in 1961; however, exports of nonedible items, worth \$13.3 million, were 12 percent less than in the previous year. In addition to the exports of domestic fishery products, foreign fishery items worth \$4.4 million were shipped from the United States. These exports were principally frozen shrimp and canned shellfish.

Six countries accounted for over 71 percent of the \$475 million worth of fishery products imported in 1962. These were Canada (\$116 million), Japan (\$105 million), Mexico (\$54 million), Peru (\$25 million), Republic of South Africa (\$20 million), and Norway (\$19 million). Six countries received over two-thirds of the \$35.7 million worth of fishery products exported during the year. These were Canada (\$8.8 million), the United Kingdom (\$8.2 million), the Netherlands (\$2.3 million), Japan (\$2.2 million), Switzerland (\$1.7 million), and West Germany (\$1.5 million).

Customs duties. Import duties collected on fishery products in 1962 were \$17.9 million--over \$1 million more than in the previous year. The major items on which duties were collected were canned tuna (\$2.9 million), canned sardines (\$2.6 million), groundfish fillets (\$1.9 million), frozen groundfish blocks and slabs (\$1.4 million), other fillets and canned crab meat (\$1.1 million each), and cultured and natural pearls (\$872,000).

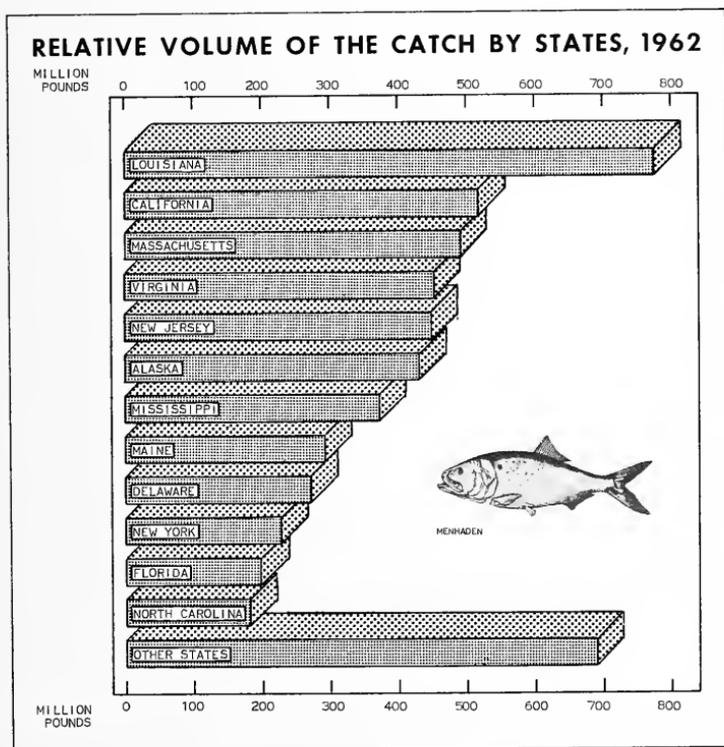
The 1962 world catch of fish, crustaceans, mollusks, etc., reached a record 98.6 billion pounds, 7.9 billion more than the 1961 catch. The most spectacular rise occurred in Peru where the phenomenal growth of the fish meal industry resulted in a catch of 15.06 billion pounds--a gain of 3.5 billion pounds over 1961. The United States maintained fifth position among the fish-producing nations. The United States took 6.7 percent of the world catch in 1962. However, the total U.S. supply (catch plus imports--round weight including the weight of mollusk shells) was 11.8 billion pounds or 12 percent of the world catch.

Detailed summaries of the catch and operating unit data for the United States have been previously published in Current Fishery Statistics No. 3471.

Summaries of operating unit and catch statistics for each region of the United States have been published in the Current Fishery Statistics series of bulletins. "Fisheries of the

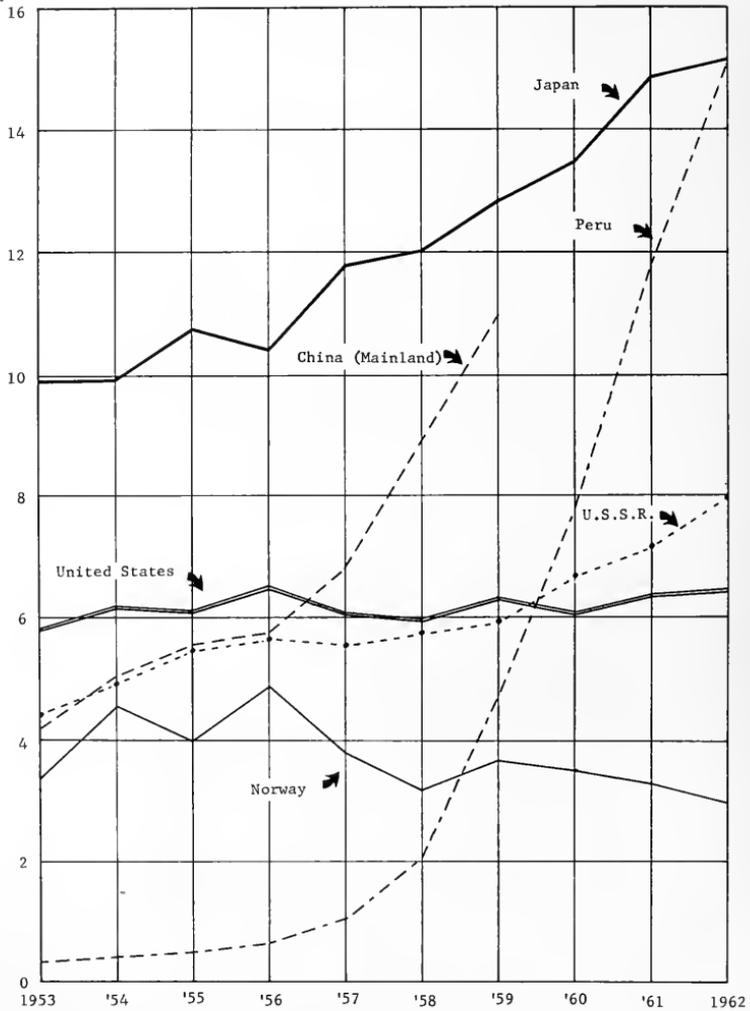
United States," a preliminary review available each April, contains current information on many aspects of the fisheries such as domestic and world catch, per capita consumption, price indexes, foreign trade, supplies, etc.; and comparative data for previous years. This publication may be obtained free from the Office of Information, U.S. Fish and Wildlife Service, Washington, D.C. 20240.

The current statistical publications of the Bureau that contain data on the domestic fisheries are listed in Fishery Leaflet 432 "Fishery Statistical Publications of the Bureau of Commercial Fisheries." The publication also lists other Federal agencies, interstate commissions, and international and nongovernmental sources of fishery statistics. Copies of this leaflet may be obtained free from the Office of Information.



GENERAL REVIEW

WORLD CATCH OF FISH AND SHELLFISH, ETC., BY LEADING COUNTRIES, 1953-62

Billion
pounds

GENERAL REVIEW

13

SUMMARY OF CATCH, 1962

(MILLIONS OF POUNDS AND MILLIONS OF DOLLARS)

REGION	FISH		SHELLFISH, ETC.		WHALE PRODUCTS		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
NEW ENGLAND	801	36	71	30	-	-	872	66
MIDDLE ATLANTIC	893	14	51	11	-	-	944	25
CHESAPEAKE	405	10	117	24	-	-	522	34
SOUTH ATLANTIC	235	8	70	15	-	-	305	23
GULF	1,246	25	191	69	-	-	1,437	94
PACIFIC	994	123	122	15	10	1	1,126	139
GREAT LAKES	66	6	(1)	(1)	-	-	66	6
MISSISSIPPI RIVER AND TRIBUTARIES	56	5	13	(1)	-	-	69	6
HAWAII	13	3	(1)	(1)	-	-	13	3
TOTAL	7,709	230	635	165	10	1	5,354	396

1/ LESS THAN 500,000 POUNDS OR \$500,000.

NOTE:--ADDITIONAL COMMERCIAL CATCH FOR INLAND WATERS NOT INCLUDED IN THIS TABULATION WAS: COLORADO, 66,000 POUNDS VALUE AT \$2,310; FROM WATERS BEYOND THE MISSISSIPPI RIVER DRAINAGE AREA IN TEXAS, 277,300 POUNDS VALUE AT \$28,780; AND FROM LAKE WINNEBAGO, WISCONSIN, 2,986,000 POUNDS VALUE AT \$89,659.

SUMMARY OF OPERATING UNITS, 1962

ITEM	NEW ENGLAND	MIDDLE ATLANTIC	CHESAPEAKE	SOUTH ATLANTIC	GULF
FISHERMEN:	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>
ON VESSELS	4,169	3,053	3,428	3,409	10,698
ON BOATS AND SHORE	17,367	5,201	13,378	9,100	12,514
TOTAL	21,536	8,254	16,806	12,509	23,212
VESSELS:					
MOTOR	727	606	1,124	1,141	3,219
GROSS TONNAGE	45,476	31,622	21,719	41,427	137,368
SAIL	-	-	67	-	-
GROSS TONNAGE	-	-	737	-	-
TOTAL VESSELS	727	606	1,191	1,141	3,219
TOTAL GROSS TONNAGE	45,476	31,622	22,456	41,427	137,368
BOATS:					
MOTOR	10,414	3,746	8,759	5,821	9,639
OTHER	699	300	1,045	1,040	638
GEAR:					
HAUL SEINES	20	75	280	164	129
STOP NETS AND SEINES	123	4	-	-	-
PURSE SEINES AND LAMPARA NETS:					
HERRING	5	-	-	-	-
MACKEREL AND SARDINE	2	-	-	-	-
MENHADEN	6	57	30	52	72
TUNA	7	-	-	-	-
OTHER	17	22	-	3	2
BAG NETS	13	-	-	20	-
BEAM TRAWLS	-	7	-	-	-
OTTER TRAWLS:					
CRAB	-	-	-	296	-
FISH	631	310	100	89	128
LOBSTER	-	35	-	-	-
SHRIMP	25	-	-	2,513	8,524
WEIRS	106	6	-	-	-
POUNCE NETS	56	143	3,728	745	-
FLOATING TRAPS	53	-	-	-	-
FYKE AND HOOP NETS	7	308	1,585	330	11,070
POTS AND TRAPS:					
CONCH	902	50	-	-	-
CRAB	922	8,107	188,164	50,545	66,964
CRAWFISH	-	-	-	-	6,828
EEL	1,320	1,122	7,393	510	-
FISH	-	15,630	6,027	16,328	256
LOBSTER	899,453	9,865	-	16,340	58,250
TURTLE	-	120	493	75	-
BOX TRAPS	9	-	-	-	-
SLAT TRAPS	-	-	2	-	-
GILL NETS:					
ANCHOR, SET OR STAKE	37	200	2,852	3,460	163
DRIFT	90	105	887	785	10
RUNAROUND	-	39	-	519	1,180

(CONTINUED ON NEXT PAGE)

GENERAL REVIEW

SUMMARY OF OPERATING UNITS, 1962 - Continued

ITEM	NEW ENGLAND	MIDDLE ATLANTIC	CHESAPEAKE	SOUTH ATLANTIC	GULF
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
GEAR - CONTINUED:					
TRAMMEL NETS	-	-	-	18	634
HOOKS AND BAITS	676,593	291,695	1,025,489	1,313,327	1,427,722
DIP NETS	567	-	392	2,525	23,640
PUSH NETS	-	9	-	-	-
CAST NETS	-	-	-	63	18
HARPOONS	144	10	-	-	-
SPEARS	28	19	-	124	251
SCRAPES	-	-	596	-	-
DREGGES:					
CLAM	64	93	276	16	-
CRAB	-	68	392	-	-
MUSSEL	7	-	-	-	-
OYSTER	48	117	679	209	1,126
SCALLOP	2,028	2,032	8	52	131
TONGS AND OYSTER GRABS	956	2,677	7,379	323	2,296
RAKES	1,210	1,599	617	273	7
HOES	2,920	19	-	-	-
FORKS	9	-	-	-	-
BRUSH TRAPS	-	-	-	-	39,950
GRABS, FROG	-	-	-	-	63
HOOKS, SPONGE	-	-	-	-	81
DIVING OUTFITS	551	-	-	-	18

ITEM	PACIFIC	GREAT LAKES	MISSISSIPPI RIVER AND TRIBUTARIES	HAWAII	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS	14,871	1,176	-	273	39,112
ON BOATS AND SHORE	17,726	1,914	9,477	544	87,221
TOTAL	32,597	3,090	9,477	817	126,333
VESSELS:					
MOTOR	4,586	1/428	-	60	11,444
GROSS TONNAGE	137,629	7,669	-	1,745	394,427
SAIL	-	-	-	-	67
GROSS TONNAGE	-	-	-	-	737
TOTAL VESSELS	4,586	1/428	-	60	11,511
TOTAL GROSS TONNAGE	137,629	7,669	-	1,745	395,164
BOATS:					
MOTOR	11,767	1,214	7,767	318	59,406
OTHER	358	115	612	36	4,816
GEAR:					
HAUL SEINES	111	93	313	(2)	1,185
STOP NETS AND SEINES	-	-	-	-	127
PURSE SEINES AND LAMPARA NETS:					
ANCHOVY	17	-	-	-	17
HERRING	17	-	-	-	22
MACKEREL AND SARDINE	103	-	-	-	105
MENHADEN	-	-	-	-	180
SALMON	1,464	-	-	-	1,464
SQUID	33	-	-	-	33
TUNA	147	-	-	-	154
OTHER	11	-	-	-	55
BAG NETS	-	-	-	(2)	33
BEAM TRAWLS	32	-	-	-	39
OTTER TRAWLS:					
CRAB	-	-	-	-	296
FISH	219	16	-	-	1,358
LOBSTER	-	-	-	-	35
SHRIMP	49	-	-	-	10,692
WEIRS	1	-	88	-	201
POUND NETS	4	187	17	-	4,880
TRAP NETS	-	2,169	1	-	2,170
FLOATING TRAPS	11	-	137	-	201
FYKE AND HOOP NETS	-	273	57,608	-	71,181

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

GENERAL REVIEW

SUMMARY OF OPERATING UNITS, 1962 - Continued

ITEM	PACIFIC	GREAT LAKES	MISSISSIPPI RIVER AND TRIBUTARIES	HAWAII	TOTAL, EXCLUSIVE OF DUPLICATION
	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>
GEAR - CONTINUED:					
POTS AND TRAPS:					
CONCH	-	-	-	-	952
CRAB	101,709	-	-	(2)	416,411
CRAWFISH	660	-	16,350	-	23,838
EEL	-	-	207	-	10,532
FISH	100	-	6,977	(2)	44,118
LOBSTER	12,780	-	-	(2)	996,688
OCTOPUS	125	-	-	-	125
SHRIMP	286	-	-	-	286
TURTLE	-	-	-	-	658
BOX TRAPS	-	-	-	-	9
SLAT TRAPS	-	-	-	-	2
GILL NETS:					
ANCHOR, SET OR STAKE	2,924	2,331	6,430	(2)	18,397
ORIFT	5,178	-	-	-	7,051
RUNAROUND	-	-	-	-	1,734
TRAMMEL NETS	8	-	3,847	-	4,507
HOKKS AND BAITS	1,006,330	100,257	4,502,731	(2)	10,337,541
DIP NETS	281	5	1,357	-	28,787
BRAIL OR SCOOP NETS	82	-	-	-	82
REEF NETS	75	-	-	-	75
PUSH NETS	-	-	-	-	9
WHEELS	5	-	-	-	5
CAST NETS	-	-	-	(2)	81
HARPOONS	33	-	-	-	185
SPEARS	-	-	-	-	422
SCRAPES	-	-	-	(2)	596
DREGGES:					
CLAM	4	-	-	-	453
CRAB	-	-	-	-	460
MUSSEL	-	-	-	-	7
OYSTER	87	-	-	-	2,264
SCALLOP	-	-	-	-	4,229
TONGS AND OYSTER GRABS	27	-	-	-	13,658
RAKES	-	-	-	-	3,706
HOES	-	-	-	-	2,939
FORKS	-	-	-	-	9
SHOVELS	2,151	-	-	-	2,151
BRUSH TRAPS	-	-	-	-	39,950
CRAWFOOT BARS	-	-	1,128	-	1,128
GRABS, FROG	-	-	173	-	236
HOOKS, SPONGE	-	-	-	-	81
DIVING OUTFITS	151	-	-	-	720

1/ INCLUDES 4 VESSELS OPERATED IN LAKE WINNEBAGO.

2/ DATA ON THE NUMBER OF GEAR OPERATED IN HAWAII ARE NOT AVAILABLE.

VESSELS OBTAINING DOCUMENTS AS FISHING CRAFT, 1953-62

YEAR	FIRST DOCUMENTATION	REDOCUMENTATION	TOTAL
	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>
1953	729	25	754
1954	717	28	745
1955	418	23	441
1956	521	17	538
1957	601	19	619
1958	684	29	713
1959	479	34	513
1960	408	24	432
1961	410	20	430
1962	352	16	368

GENERAL REVIEW

EMPLOYMENT, FISHING CRAFT, AND ESTABLISHMENTS,
BY STATES, 1962

STATE	FISHER- MEN	FISHING CRAFT		WHOLESALE AND MANUFACTURING		
		VESSELS	BOATS	PLANTS	EMPLOYEES	
					AVERAGE FOR SEASON	AVERAGE FOR YEAR
NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	
ALABAMA 1/	1,970	183	1,238	72	1,000	656
ALASKA	15,796	2,096	1,181	182	8,426	2,809
ARKANSAS	1,238	-	1,181	53	91	86
CALIFORNIA	7,856	1,469	1,719	177	9,702	7,581
CONNECTICUT	707	51	495	11	41	31
DELAWARE	742	48	302	20	624	364
FLORIDA 2/	10,158	1,434	4,716	469	5,334	3,737
GEORGIA	2,047	325	1,058	57	2,645	2,017
HAWAII	817	60	354	19	354	297
ILLINOIS 3/	658	3	441	91	1,052	911
INDIANA 3/	97	-	45	18	95	74
IOWA	456	-	443	36	470	289
KANSAS	46	-	38	6	69	69
KENTUCKY	1,043	-	866	18	120	120
LOUISIANA 1/	10,183	1,117	5,498	235	5,501	2,680
MAINE	9,017	153	6,214	254	8,194	4,299
MARYLAND	5,678	539	5,958	239	6,491	4,243
MASSACHUSETTS	10,252	502	3,184	238	6,058	4,820
MICHIGAN	1,408	211	639	57	634	342
MINNESOTA 3/	904	6	446	31	323	157
MISSISSIPPI 1/	3,827	554	1,740	61	1,762	1,143
MISSOURI	237	-	237	39	228	209
MONTANA	4	-	1	-	-	-
NEBRASKA	130	-	130	6	46	45
NEW HAMPSHIRE	419	-	204	13	99	69
NEW JERSEY	3,922	375	1,754	119	2,760	2,033
NEW YORK 4/	4,029	242	2,055	331	3,425	3,141
NORTH CAROLINA	5,962	458	3,051	176	2,593	973
NORTH DAKOTA	21	-	4	2	16	12
OHIO	772	74	343	3/33	3/500	3/244
OKLAHOMA	70	-	17	17	69	69
OREGON	2,651	367	997	55	2,003	1,208
PENNSYLVANIA	54	14	8	4/57	4/1,296	4/657
RHODE ISLAND	1,527	93	1,016	37	549	460
SOUTH CAROLINA	2,133	242	1,074	73	1,158	690
SOUTH DAKOTA	39	-	12	2	4	2
TENNESSEE	1,251	-	1,235	34	173	162
TEXAS 3/	5,518	1,324	1,374	185	5,635	3,546
VIRGINIA	7,944	661	3,846	341	6,638	3,916
WASHINGTON	9,107	1,323	2,645	169	3,903	1,904
WISCONSIN 3/	1,216	122	641	82	872	582
WYOMING	4	-	4	-	-	-
TOTAL	5/126,333	5/11,511	5/64,222	4,135	90,993	56,849

- 1/ INCLUDES DATA FOR MISSISSIPPI RIVER AND GULF FISHERIES.
2/ INCLUDES DATA FOR SOUTH ATLANTIC AND GULF FISHERIES.
3/ INCLUDES DATA FOR GREAT LAKES AND MISSISSIPPI RIVER FISHERIES.
4/ INCLUDES DATA FOR GREAT LAKES AND MIDDLE ATLANTIC FISHERIES.
5/ EXCLUSIVE OF DUPLICATION.



GENERAL REVIEW

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SUMMARY OF U.S. FISHING VESSELS, BY TONNAGE GROUPS, 1962

GROSS TONNAGE	NEW ENGLAND	MIDDLE ATLANTIC	CHESA-PEAKE	SOUTH ATLANTIC	GULF	PACIFIC	GREAT LAKES	HAWAII	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
5 - 9	35	59	729	205	166	939	68	-	2,210
10 - 19	129	156	274	260	676	1,917	226	19	3,636
20 - 29	93	82	58	167	418	665	86	17	1,549
30 - 39	84	68	32	195	444	367	26	9	1,122
40 - 49	60	48	19	150	410	255	19	8	883
50 - 59	46	44	16	56	276	102	2	4	500
60 - 69	45	32	8	44	519	56	-	1	673
70 - 79	50	21	11	13	163	33	1	1	262
80 - 89	20	9	2	-	32	30	-	-	89
90 - 99	22	2	-	1	13	32	-	-	68
100 - 109	18	5	1	1	6	21	-	-	47
110 - 119	31	9	4	2	4	20	-	-	58
120 - 129	12	4	3	3	2	13	-	-	32
130 - 139	13	1	2	-	3	8	-	-	24
140 - 149	6	4	6	2	6	2	-	-	22
150 - 159	14	3	3	1	1	5	-	-	23
160 - 169	8	2	1	-	6	8	-	-	24
170 - 179	6	6	-	4	6	6	-	-	19
180 - 189	2	5	3	1	6	6	-	-	22
190 - 199	6	31	6	12	11	17	-	-	67
200 - 209	1	-	1	-	-	1	-	-	3
210 - 219	3	-	-	-	3	2	-	-	8
220 - 229	3	4	1	2	4	1	-	-	13
230 - 239	2	2	1	-	4	4	-	-	13
240 - 249	3	1	2	3	1	-	-	-	10
250 - 259	3	1	-	3	3	3	-	-	12
260 - 269	2	-	3	3	3	3	-	-	13
270 - 279	-	-	-	-	-	4	-	-	4
280 - 289	-	3	1	1	-	1	-	-	4
290 - 299	2	1	1	1	1	2	-	-	7
300 - 309	2	2	-	2	-	1	-	-	5
310 - 319	2	1	-	-	1	4	-	-	8
320 - 329	3	-	1	1	-	2	-	-	6
330 - 339	-	-	-	-	-	1	-	-	1
340 - 349	-	-	-	-	-	2	-	-	2
350 - 359	-	-	-	-	-	7	-	-	7
360 - 369	-	-	-	-	-	5	-	-	5
370 - 379	1	-	1	-	-	10	-	-	12
380 - 389	-	-	-	-	-	3	-	-	3
390 - 399	-	-	1	1	-	2	-	-	3
400 - 409	-	-	-	-	-	1	-	-	1
410 - 419	-	-	-	-	1	2	-	-	3
420 - 429	-	-	-	-	-	2	-	-	2
430 - 439	-	-	-	-	-	5	-	-	5
440 - 449	-	-	-	-	-	4	-	-	4
450 - 459	-	-	-	-	-	2	-	-	2
460 - 469	-	-	-	1	1	2	-	-	3
470 - 479	-	-	-	2	5	4	-	-	9
480 - 489	-	-	-	1	-	3	-	-	4
490 - 499	-	-	-	-	1	1	-	-	1
540 - 549	-	-	-	1	-	-	-	-	1
570 - 579	-	-	-	-	-	1	-	-	1
600 - 609	-	-	-	-	1	-	-	-	1
610 - 619	-	-	-	-	1	1	-	-	2
640 - 649	-	-	-	-	1	-	-	-	1
680 - 689	-	-	-	-	-	1	-	-	1
810 - 819	-	-	-	-	-	1	-	-	1
TOTAL VESSELS.	727	606	1,191	1,141	3,219	4,586	428	60	11,511
TOTAL GROSS TONNAGE	45,476	31,622	22,456	41,427	137,368	137,629	7,669	1,745	395,164

GENERAL REVIEW

LENGTH DISTRIBUTION OF U. S. FISHING VESSELS, 1962

(VESSELS)

LENGTH IN FEET	NEW ENGLAND	MIDDLE ATLANTIC	CHESA- PEAKE 1/	SOUTH ATLANTIC	GULF	PACIFIC	GREAT LAKES 2/	HAWAII	TOTAL, EXCLUSIVE OF DUPLI- CATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
23.	-	-	-	-	-	-	1	-	1
25.	-	-	-	1	1	1	3	-	6
26.	-	-	2	10	3	21	6	-	41
27.	1	1	-	8	3	62	5	-	80
28.	4	5	1	16	7	226	12	-	271
29.	6	4	1	7	7	197	11	-	233
30.	5	4	2	23	22	203	7	-	265
31.	4	3	8	21	18	311	13	-	376
32.	10	15	15	44	33	194	30	-	338
33.	12	6	35	36	42	256	37	-	424
34.	13	13	76	45	56	238	33	-	470
35.	13	11	116	38	58	214	21	-	469
36.	13	23	109	45	63	232	44	-	526
37.	19	14	142	51	83	232	49	-	590
38.	14	25	121	49	79	191	17	2	493
39.	14	33	92	34	60	173	31	2	433
40.	10	18	74	33	73	148	11	3	368
41.	7	13	40	41	79	145	14	1	333
42.	10	7	34	28	65	128	11	-	283
43.	9	16	28	28	28	128	7	2	290
44.	14	16	28	48	87	106	6	3	293
45.	11	7	20	29	103	94	10	1	262
46.	11	15	20	28	97	67	7	1	234
47.	21	10	19	28	80	65	11	1	226
48.	8	4	7	48	126	68	8	4	247
49.	10	14	10	35	99	215	3	2	378
50.	12	11	18	50	127	36	5	5	236
51.	17	15	9	57	136	37	3	2	238
52.	10	8	13	15	81	21	5	2	147
53.	11	7	5	25	122	27	1	-	182
54.	12	8	7	22	75	18	-	2	137
55.	16	8	11	30	129	21	2	2	200
56.	21	10	7	15	119	28	-	1	194
57.	15	10	10	9	50	18	1	1	106
58.	15	17	12	27	136	19	2	1	209
59.	6	5	5	4	110	41	-	1	170
60.	13	13	7	3	58	26	-	1	117
61.	18	24	11	29	307	20	-	-	389
62.	5	10	5	6	77	25	-	1	124
63.	10	8	3	3	34	12	-	-	66
64.	12	7	1	3	34	12	1	-	63
65.	7	6	2	3	36	21	-	2	75
66.	6	4	-	2	11	16	-	2	40
67.	5	5	-	2	14	8	-	2	36
68.	4	7	1	4	19	8	-	-	39
69.	17	5	2	1	8	10	-	2	40
70.	16	9	3	2	7	18	-	1	48
71.	6	4	3	2	12	13	-	3	39
72.	17	1	1	-	-	11	-	4	34
73.	6	3	-	-	1	8	-	1	17
74.	8	1	1	1	3	8	-	-	22
75.	10	1	1	-	3	17	-	-	30
76.	8	5	1	-	2	2	-	1	15
77.	9	5	1	1	2	6	-	-	22
78.	5	1	-	-	3	10	-	-	19
79.	9	5	1	-	-	12	-	-	27
80.	6	2	1	2	4	5	-	1	19
81.	4	-	-	-	2	4	-	-	13
82.	4	1	-	-	1	8	-	-	13
83.	7	2	1	-	-	2	-	-	9
84.	7	1	-	-	-	2	-	-	10
85.	13	4	3	1	2	1	-	-	16
86.	5	1	-	-	-	3	-	-	8
87.	4	-	-	-	-	4	-	-	8
88.	8	4	2	-	-	1	-	-	11
89.	12	1	1	-	-	6	-	-	19

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

GENERAL REVIEW

LENGTH DISTRIBUTION OF U. S. FISHING VESSELS, 1962 - Continued

(VESSELS)

LENGTH IN FEET	NEW ENGLAND	MIDDLE ATLANTIC	CHESA- PEAKE 1/	SOUTH ATLANTIC	GULF	PACIFIC	GREAT LAKES 2/	HAWAII	TOTAL, EXCLUSIVE OF DUPLI- CATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
90.	9	3	2	-	3	3	-	-	15
91.	5	3	-	2	2	2	-	-	11
92.	10	3	1	-	-	-	-	-	11
93.	1	-	-	-	1	1	-	-	2
94.	3	-	-	-	-	4	-	-	8
95.	4	1	-	-	4	1	-	-	9
96.	2	1	2	-	-	3	-	-	6
97.	2	-	1	1	-	1	-	-	4
98.	3	-	-	-	-	-	-	-	3
99.	-	-	-	-	-	3	-	-	3
100.	2	-	-	-	2	-	-	-	5
101.	1	2	1	2	-	2	-	-	5
102.	8	-	-	-	-	1	-	-	9
103.	4	-	-	-	1	1	-	-	6
104.	8	8	4	-	2	-	-	-	14
105.	2	1	2	1	8	-	-	-	11
106.	4	1	2	-	2	4	-	-	10
107.	4	4	2	1	-	2	-	-	9
109.	3	2	-	-	2	1	-	-	6
110.	1	-	-	-	-	1	-	-	2
111.	1	-	-	-	1	1	-	-	3
112.	-	1	-	-	2	1	-	-	4
113.	-	1	2	-	-	-	-	-	4
114.	4	-	-	-	-	3	-	-	7
115.	-	-	1	1	-	3	-	-	4
116.	1	1	2	1	-	1	-	-	5
117.	-	1	-	-	-	12	-	-	12
118.	2	1	-	1	-	15	-	-	18
119.	1	-	-	-	1	2	-	-	4
120.	-	5	2	1	1	-	-	-	9
121.	-	3	1	1	-	2	-	-	6
122.	-	-	2	-	2	-	-	-	4
123.	-	-	-	-	-	1	-	-	1
124.	2	2	3	1	6	3	-	-	15
125.	1	7	3	8	7	3	-	-	22
126.	1	3	1	5	3	2	-	-	13
127.	-	2	2	2	-	2	-	-	7
128.	-	2	2	-	-	2	-	-	5
129.	-	1	1	1	-	2	-	-	4
130.	-	11	1	3	1	3	-	-	16
131.	-	-	-	-	-	2	-	-	5
132.	3	-	1	-	-	1	-	-	2
133.	-	-	-	-	-	3	-	-	6
134.	3	3	-	-	-	1	-	-	5
135.	-	-	-	-	-	-	-	-	1
136.	-	-	-	-	1	-	-	-	1
139.	-	-	-	1	2	3	-	-	5
140.	-	4	-	2	1	-	-	-	5
141.	-	1	-	1	2	-	-	-	3
142.	-	1	1	2	-	-	-	-	5
143.	-	1	-	-	-	-	-	-	1
145.	-	-	-	-	1	-	-	-	1
146.	-	5	1	4	2	-	-	-	7
147.	-	2	-	1	-	-	-	-	2
150.	-	-	1	3	6	-	-	-	7
153.	-	-	-	-	1	-	-	-	1
156.	-	-	-	-	-	1	-	-	1
160.	-	-	-	1	1	-	-	-	1
166.	-	-	-	1	-	-	-	-	1
168.	-	-	-	-	-	1	-	-	1
172.	-	-	-	-	-	1	-	-	1
193.	-	-	-	-	1	-	-	-	1
194.	-	-	-	-	1	-	-	-	1
195.	-	-	-	-	1	-	-	-	1
TOTAL	727	606	1,191	1,141	3,219	4,586	428	60	11,511

1/ INCLUDES SAILING VESSELS.

2/ INCLUDES 4 VESSELS THAT FISHED IN LAKE WINNEBAGO.

GENERAL REVIEW

CATCH BY REGION, 1962

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	NEW ENGLAND		MIDDLE ATLANTIC		CHESAPEAKE		SOUTH ATLANTIC		GULF	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
FISH										
ALEWIVES	10,102	110	56	2	27,678	521	14,302	143	1,002	40
AMBERJACK	-	-	1	(1)	1	(1)	-	(1)	10	(1)
ANCHOVIES	31	2	-	-	-	-	-	-	-	-
ANGLERFISH	22	(1)	23	1	-	-	-	-	44	6
BALLYHOO	-	-	-	-	-	-	1	(1)	-	(1)
BARRACUDA	-	-	-	-	-	-	3	-	3	79
BLUEFISH	175	23	1,858	222	588	71	2,353	251	949	28
BLUE RUNNER	-	-	-	-	-	-	28	2	1,209	3
BONITO	70	9	89	12	5	1	(1)	1	3	(1)
BOWFIN	-	-	-	-	6	(1)	6	1	5	(1)
BUFFALOFISH	-	-	-	-	-	-	-	-	677	72
BUTTERFISH	6,178	531	3,726	313	1,681	145	159	16	37	2
CABIO	-	-	-	-	21	1	23	1	19	1
CARP	5	1	112	8	733	20	117	4	19	1
CATFISH AND BULLHEADS	-	-	44	3	2,724	182	15,885	2,098	6,364	1,311
CIGARFISH	-	-	-	-	-	-	-	-	300	22
COD	43,946	2,956	2,550	292	414	46	-	-	-	-
CRAPPIE	-	-	-	-	3	(1)	-	-	-	-
CREVALLE	-	-	-	-	-	-	123	3	916	28
CROAKER	-	-	4	1	1,305	297	1,858	168	107	8
CUNNER	-	-	(1)	(1)	-	-	-	-	-	-
CUSK	1,858	101	-	-	-	-	-	-	-	-
DOLPHIN	-	-	-	-	-	-	8	1	16	1
DRUM:										
BLACK	-	-	26	1	388	18	213	14	1,764	128
RED	-	-	-	-	13	1	210	27	2,662	422
EELS:										
COMMON	109	20	161	23	326	41	43	2	-	-
CONGER	6	(1)	10	(1)	-	-	-	-	-	-
FLOUNDER	86,711	8,175	12,113	1,754	2,660	543	2,237	290	733	134
GARFISH	-	-	-	-	(1)	(1)	-	-	532	28
GIZZARD SHAD	-	-	-	-	97	2	-	-	-	-
GROUPERS	-	-	-	-	1	(1)	-	-	7,627	785
GRUNTS	-	-	(1)	(1)	-	-	49	3	63	4
HADDOCK	134,169	10,903	81	10	-	-	-	-	-	-
HAKE:										
RED	5,446	58	1,225	31	55	1	-	-	-	-
WHITE	5,611	219	112	6	5	(1)	-	-	-	-
HALIBUT	254	79	-	-	-	-	-	-	-	-
HARVESTFISH	-	-	-	-	65	8	17	1	-	-
HERRING, SEA	158,295	2,421	269	5	12	(1)	-	-	-	-
HICKORY SHAD	-	-	-	-	51	3	175	9	-	-
HOGCHOKER	-	-	-	-	13	(1)	3	1	-	-
HOGFISH	-	-	-	-	-	-	-	-	14	2
JEWFISH	-	-	-	-	-	-	21	-	68	5
KING MACKEREL	-	-	-	-	8	1	2,129	313	2,021	218
KING WHITING OR "KINGFISH"	2	(1)	54	5	161	11	2,946	275	1,170	63
LAUNCE	341	18	-	-	-	-	-	-	-	-
MACKEREL	1,820	260	105	23	129	31	22	5	-	-
MENHADEN	23,753	223	782,467	7,948	327,910	3,961	157,169	1,685	1,056,625	12,049
MOJARRA	-	-	-	-	-	-	147	11	146	10
MULLET	-	-	14	3	107	9	7,697	529	35,301	1,967
OCEAN PERCH, ATLANTIC	123,983	5,223	(1)	(1)	-	-	-	-	-	-
PADDOLEFISH	-	-	-	-	-	-	-	-	7	1
PERMIT	-	-	-	-	-	-	2	(1)	14	1
PIG FISH	-	-	-	-	20	1	170	10	5	1
PIKE OR PICKEREL	-	-	-	-	7	2	1	(1)	-	-
POLLOCK	16,331	685	2	(1)	(1)	(1)	-	-	-	-
POMPANO	-	-	-	-	(1)	(1)	269	173	606	482
SALMON, ATLANTIC	(1)	(1)	-	-	-	-	-	-	-	-
SAND PERCH	-	-	-	-	2	(1)	11	(1)	-	-
SAWFISH	-	-	-	-	-	-	-	-	5	(1)
SCUP OR PORGY	9,087	534	25,575	1,737	11,263	748	329	25	52	4
SEA BASS, BLACK (ATLANTIC)	224	33	3,145	444	4,466	696	1,601	195	-	-
SEA CATFISH	-	-	-	-	3	(1)	22	2	337	20
SEA ROBIN	111	1	1	(1)	-	-	-	-	-	-
SEA TROUT OR WEAKFISH	12	2	841	84	1,682	168	2,197	153	-	-
GRAY	-	-	-	-	28	6	989	251	4,075	985
SPOTTED	-	-	-	-	-	-	-	-	296	21
WHITE	-	-	-	-	-	-	-	-	-	-
SHAD	470	83	841	121	3,795	515	2,167	436	-	-
SHARKS:										
GRAYFISH	700	4	60	3	405	16	-	-	-	-
UNCLASSIFIED	33	2	6	(1)	75	2	37	3	9	(1)
TOTAL SHARKS	733	6	66	3	480	18	37	3	9	(1)

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

GENERAL REVIEW

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CATCH BY REGION, 1962 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	NEW ENGLAND		MIDDLE ATLANTIC		CHESAPEAKE		SOUTH ATLANTIC		GULF	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
FISH - CONTINUED										
SHEEPSHEAD:	-	-	-	-	-	-	-	-	470	43
FRESH-WATER	-	-	-	-	-	-	74	6	404	34
SALT-WATER	-	-	161	15	-	-	-	-	-	-
SILVERSIDES	-	-	-	-	4	(1)	-	-	-	-
SKATES:	81	2	-	-	-	-	-	-	-	-
SMELT:	170	50	13	(1)	-	-	-	-	-	-
SNAPPER:	-	-	-	-	-	-	-	-	-	-
MANGROVE	-	-	-	-	-	-	66	12	338	54
MUTTON	-	-	-	-	-	-	62	14	142	30
RED	-	-	-	-	-	-	650	194	11,680	2,968
VERMILION	-	-	-	-	-	-	54	3	41	6
YELLOWTAIL	-	-	-	-	-	-	88	22	910	206
UNCLASSIFIED:	-	-	-	-	-	-	1	(1)	-	-
SFADEFISH	-	-	-	-	1	(1)	3	(1)	-	-
SPANISH MACKEREL	-	-	-	-	15	2	2,674	256	6,912	677
SPANISH SARDINE	-	-	(1)	(1)	2,377	227	5,061	352	316	19
SPOT	-	-	(1,259)	198	5,923	921	747	120	-	-
STRIPED BASS	682	100	19	7	13	3	91	13	16	2
STURGEON, COMMON	-	2	31	1	22	7	(1)	(1)	-	-
SUCKERS	2	(1)	1	(1)	7	(1)	(1)	(1)	-	-
SUNFISH	-	-	(1)	(1)	2	2	-	-	-	-
SWELLFISH	4	(1)	684	27	1,363	31	303	9	-	-
SWORDFISH	867	377	67	38	-	-	-	-	-	-
TARPON	-	-	(1)	(1)	-	-	-	-	-	-
TAUOG	101	3	61	1	11	(1)	-	-	-	-
TENPOUNDER	-	-	-	-	-	-	17	(1)	375	16
TILEFISH	-	-	217	22	25	3	(1)	(1)	4	(1)
TOMCOD	129	15	1	(1)	-	-	-	-	-	-
TRIGGERFISH	-	-	-	-	-	-	11	1	6	(1)
TRIPLETAIL	-	-	-	-	-	-	2	(1)	7	(1)
TUNA:										
BLUEFIN	7,052	533	23	4	(1)	(1)	-	-	-	-
LITTLE	-	-	15	(1)	2	(1)	-	-	-	-
SKIPJACK	85	6	-	-	-	-	-	-	37	4
YELLOWFIN	-	-	-	-	-	-	-	-	-	-
TOTAL TUNA	7,137	539	38	4	2	(1)	-	-	37	4
WARSAW:										
WHITE PERCH	37	5	133	17	2,447	208	10	1	291	22
WHITING	97,737	2,039	6,635	279	716	22	320	32	-	-
WOLFFISH	640	35	-	-	-	-	-	-	-	-
YELLOW PERCH	-	-	-	-	160	16	47	3	-	-
UNCLASSIFIED:	-	-	-	-	-	-	-	-	-	-
FOR FOOD	4,833	307	320	28	48	4	262	17	1,254	89
BAIT, REDUCTION, AND ANIMAL FOOD	58,787	367	47,808	335	2,967	28	8,508	69	96,906	1,633
TOTAL FISH	801,043	36,537	893,022	14,023	405,027	9,535	235,032	8,252	1,246,151	24,732
SHELLFISH, ETC.										
CRABS:										
BLUE:	-	-	-	-	-	-	-	-	-	-
HARD	2	1	3,389	259	81,332	4,293	38,731	1,657	25,893	1,329
SOFT AND PEELER	-	-	182	40	5,239	1,207	98	34	352	173
GREEN	63	5	-	-	-	-	-	-	-	-
ROCK	1,986	91	22	1	-	-	-	41	557	196
STONE	-	-	-	-	-	-	98	-	-	-
TOTAL CRABS	2,051	97	3,593	300	86,571	5,500	38,927	1,732	26,802	1,698
CRAWFISH, FRESH-WATER										
HORSESHOE CRABS	-	-	340	2	-	-	-	-	829	136
LOBSTERS:										
NORTHERN	28,286	14,410	1,186	532	25	11	-	-	2,435	926
SPINY	-	-	-	-	-	-	704	274	141,726	60,557
SHRIMP	388	57	7	7	-	-	26,078	11,275	-	-
CLAMS:										
HARD	3,722	1,779	6,554	3,608	2,073	990	309	120	226	50
OCEAN QUAHOG	67	7	-	-	-	-	-	-	-	-
RAZOR	31	14	15	4	-	-	-	-	-	-
SOFT	2,516	1,265	110	34	6,770	1,514	-	-	-	-
SURF	10	2	30,769	2,002	75	6	-	-	-	-
TOTAL CLAMS	6,346	3,067	37,448	5,648	8,918	2,510	309	120	226	50
CONCHS:										
MUSSELS, SEA	167	29	184	26	412	31	-	-	(1)	(1)
OCTOPUS	565	43	27	3	-	-	2	(1)	-	-

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

GENERAL REVIEW

CATCH BY REGION, 1962 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	NEW ENGLAND		MIDDLE ATLANTIC		CHESAPEAKE		SOUTH ATLANTIC		GULF	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
SHELLFISH, ETC. - CONT'D.										
OYSTERS, MARKET,										
EASTERN:										
PUBLIC	62	48	181	184	8,340	6,337	870	428	9,788	2,967
PRIVATE	232	323	2,181	2,378	11,599	9,619	2,980	1,296	9,050	2,931
TOTAL OYSTERS	294	371	2,362	2,562	19,939	15,956	3,850	1,724	18,838	5,898
PERIWINKLES AND COCKLES	35	11	-	-	-	-	-	-	-	-
SCALLOPS:										
BAY	1,425	1,081	1,353	851	-	-	168	67	213	68
CALICO	-	-	-	-	-	-	(1)	-	16	5
SEA	21,724	8,657	2,815	1,134	95	33	-	-	-	-
SQUID	2,479	160	2,000	116	255	19	26	2	59	5
SEA URCHINS	74	3	-	-	-	-	-	-	-	-
TERRAPIN	-	-	3	1	13	4	-	-	1	(1)
TURTLES:										
BABY	-	-	-	-	-	-	-	(1)	30	1
GREEN	-	-	-	-	-	-	1	(1)	6	4
LOGGERHEAD	-	-	(1)	(1)	1	(1)	2	8	6	1
SNAPPER	-	-	33	4	219	28	8	1	23	3
SOFT-SHELL	-	-	-	-	-	-	308	15	-	-
UNCLASSIFIED	-	-	1	(1)	-	-	-	-	-	-
TOTAL TURTLES	-	-	34	4	220	28	319	16	59	9
FROGS										
IRISH MOSS	5,513	92	-	-	-	-	-	-	7	2
SPONGES	-	-	-	-	-	-	-	-	48	416
BLOODWORMS	593	524	-	-	-	-	-	-	-	-
SANDWORMS	698	436	-	-	-	-	-	-	-	-
TOTAL SHELLFISH, ETC.	70,638	29,236	51,352	11,186	116,446	24,092	70,384	15,210	191,259	69,772
GRAND TOTAL	871,681	65,775	944,374	25,209	521,475	33,627	305,416	23,462	1,437,410	94,504
SPECIES	PACIFIC		GREAT LAKES		MISSISSIPPI RIVER AND TRIBUTARIES		HAWAII		TOTAL	
FISH	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
ALEWIVES	-	-	4,746	68	-	-	-	-	57,888	894
AMBERJACK	-	-	-	-	-	-	85	26	103	26
ANCHOVIES	2,764	50	-	-	-	-	-	-	2,795	52
ANGLERFISH	-	-	-	-	-	-	-	-	45	1
BALLYHOOD	-	-	-	-	-	-	-	-	44	6
BARRACUDA	746	110	-	-	-	-	10	4	760	114
BLUEFISH	-	-	-	-	-	-	-	-	5,923	646
BLUE PIKE	-	-	1	(1)	-	-	-	-	1	(1)
BLUE RUNNER	-	-	-	-	-	-	-	-	1,237	30
BONITO	2,135	63	-	-	-	-	-	-	2,135	63
BOWFIN	-	-	5	(1)	84	1	-	-	89	2
BUFFALOFISH	-	-	48	3	17,783	1,838	-	-	18,506	1,913
BURBOT	-	-	446	13	48	2	-	-	494	15
BUTTERFISH	-	-	-	-	-	-	-	-	11,744	1,005
CABEZONE	2	(1)	-	-	-	-	-	-	2	(1)
CABO	-	-	-	-	-	-	-	-	81	4
CABRILLA	29	4	-	-	-	-	-	-	29	4
CARP	1,408	24	7,646	278	20,253	711	-	-	30,293	1,047
CATFISH AND BULLHEADS	-	-	1,529	324	11,073	2,260	-	-	37,619	6,178
CHUBS	-	-	14,428	1,706	-	-	-	-	14,428	1,706
CIGARFISH	-	-	-	-	-	-	-	-	300	22
CISCO	-	-	8	3	-	-	-	-	8	3
COD	3,185	159	-	-	-	-	-	-	50,095	3,453
CRAPPIE	-	-	10	2	62	12	-	-	75	14
CREVALLE	-	-	-	-	-	-	75	34	1,114	65
CROAKER	-	-	-	-	-	-	-	-	3,274	474
CUNNER	-	-	-	-	-	-	-	-	(1)	(1)
CUSK	-	-	-	-	-	-	-	-	1,858	101
DOLLY VARDEN TROUT	4	1	-	-	-	-	-	-	4	1
DOLPHIN	-	-	-	-	-	-	109	47	133	49
DRUM:										
BLACK	-	-	-	-	-	-	-	-	2,391	161
RED	-	-	-	-	-	-	-	-	2,685	450
EELS:										
COMMON	-	-	24	6	(1)	(1)	-	-	663	92
CONGER	-	-	-	-	-	-	5	1	23	1
FLOUNDERS	50,875	3,494	-	-	-	-	-	-	155,329	14,390
FLYING FISH	14	1	-	-	-	-	-	-	14	1
GARFISH	-	-	1	(1)	929	45	-	-	1,462	73

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

GENERAL REVIEW

23

CATCH BY REGION, 1962 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOZZLARS)

SPECIES	PACIFIC		GREAT LAKES		MISSISSIPPI RIVER AND TRIBUTARIES		HAWAII		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
FISH - CONTINUED										
GIZZARD SHAD.	-	-	9	(1)	7	(1)	-	-	113	2
GOATFISHES.	-	-	-	-	-	-	107	59	107	59
GOLDFISH.	-	-	350	11	-	-	-	-	350	11
GROUPERS.	311	64	-	-	-	-	-	-	8,176	875
GRUNTS.	-	-	-	-	-	-	-	-	112	7
HADDOCK.	-	-	-	-	-	-	-	-	134,250	10,913
HAKE.	-	-	-	-	-	-	-	-	-	-
PACIFIC.	464	5	-	-	-	-	-	-	464	5
RED.	-	-	-	-	-	-	-	-	6,726	90
WHITE.	-	-	-	-	-	-	-	-	5,728	225
HALFMOON.	9	2	-	-	-	-	-	-	9	2
HALIBUT.	53,757	11,579	-	-	-	-	-	-	54,011	11,656
HARDHEAD.	128	26	-	-	-	-	-	-	128	26
HARVESTFISH.	-	-	-	-	-	-	-	-	102	9
HERRING:	-	-	-	-	-	-	-	-	-	-
LAKE.	-	-	10,050	559	7	(1)	-	-	10,057	559
SEA.	41,570	691	-	-	-	-	-	-	200,106	3,117
HICKORY SHAD.	-	-	-	-	-	-	-	-	226	12
HOGCHOKER.	-	-	-	-	-	-	-	-	16	1
HOGFISH.	-	-	-	-	-	-	-	-	14	2
JACK MACKEREL.	89,979	1,869	-	-	-	-	384	124	90,363	1,993
JEWFISH.	-	-	-	-	-	-	-	-	89	6
KING CROAKER.	688	25	-	-	-	-	-	-	688	25
KING MACKEREL.	-	-	-	-	-	-	-	-	4,158	532
KING WHITING OR KINGFISH ^{II}	-	-	-	-	-	-	-	-	4,333	354
LAKE TROUT.	-	-	258	158	-	-	-	-	258	158
LAUNCE.	-	-	-	-	-	-	-	-	341	18
LINGCOD.	6,284	360	-	-	-	-	-	-	6,284	360
MACKEREL.	48,579	1,027	-	-	-	-	-	-	50,655	1,346
MARLIN.	-	-	-	-	-	-	486	131	486	131
MENHADEN.	-	-	-	-	-	-	-	-	2,347,944	25,866
MOJARRA.	-	-	-	-	-	-	-	-	293	21
MOONEYE.	-	-	1	(1)	20	1	-	-	21	1
MULLET.	-	-	-	-	-	-	46	43	43,165	2,551
OCEAN PERCH:										
ATLANTIC.	-	-	-	-	-	-	-	-	123,983	5,223
PACIFIC.	17,327	832	-	-	-	-	-	-	17,327	832
OPALEYE.	2	(1)	-	-	-	-	-	-	2	(1)
PADDOLEFISH.	-	-	-	-	537	45	-	-	544	46
PERCH.	346	42	-	-	-	-	-	-	346	42
PERMIT.	-	-	-	-	-	-	-	-	16	1
PIGFISH.	-	-	-	-	-	-	-	-	195	12
PIKE OR PICKEREL.	-	-	177	21	10	1	-	-	195	24
POLLOCK.	-	-	-	-	-	-	-	-	16,333	685
POMPANO.	36	11	-	-	-	-	-	-	913	666
QUILLBACK.	-	-	11	(1)	245	9	-	-	256	9
RATFISH.	1,596	14	-	-	-	-	-	-	1,596	14
ROCK BASS.	2	(1)	15	2	-	-	-	-	17	2
RUDDERFISH.	-	-	-	-	-	-	5	3	5	3
SABLEFISH.	8,859	842	-	-	-	-	-	-	8,859	842
ROCKFISHES.	27,980	1,412	-	-	-	-	-	-	27,980	1,412
SALMON:										
ATLANTIC.	-	-	-	-	-	-	-	-	25	(1)
CHINOOK OR KING.	25,111	10,959	-	-	-	-	-	-	25,111	10,959
CHUM OR KETA.	60,345	5,308	-	-	-	-	-	-	60,345	5,308
PINK.	143,309	20,302	-	-	-	-	-	-	143,309	20,302
RED OR SOCKEYE.	58,049	12,828	-	-	-	-	-	-	58,049	12,828
SILVER OR COHO.	27,752	6,956	-	-	-	-	-	-	27,752	6,956
TOTAL SALMON.	314,566	56,353	-	-	-	-	-	-	314,566	56,353
SAND PERCH.										
SARDINE, PACIFIC.	15,363	490	-	-	-	-	-	-	15,363	(1)
SAUGER.	-	-	88	8	-	-	-	-	88	8
SAWFISH.	-	-	-	-	-	-	-	-	5	(1)
SCULPIN.	58	17	11	(1)	-	-	-	-	69	17
SCUP OR PORGY.	-	-	-	-	-	-	-	-	46,306	3,048
SEA BASS:										
BLACK (ATLANTIC).	-	-	-	-	-	-	-	-	9,436	1,368
BLACK (PACIFIC).	446	73	-	-	-	-	22	10	468	83
WHITE.	581	177	-	-	-	-	-	-	581	177
SEA CATFISH.	-	-	-	-	-	-	-	-	359	22
SEA ROBIN.	-	-	-	-	-	-	-	-	115	1
SEA TROUT OR WEAKFISH:										
GRAY.	-	-	-	-	-	-	-	-	4,732	407
SPOTTED.	-	-	-	-	-	-	-	-	5,092	1,242
WHITE.	-	-	-	-	-	-	-	-	296	21
SHAD.	1,586	212	-	-	-	-	-	-	6,859	1,367

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

GENERAL REVIEW

CATCH BY REGION, 1962 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	PACIFIC		GREAT LAKES		MISSISSIPPI RIVER AND TRIBUTARIES		HAWAII		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
FISH - CONTINUED										
SHARKS:										
GRAYFISH	773	4	-	-	-	-	-	-	1,938	27
SOUFFIN	(1)	(1)	-	-	-	-	-	-	(1)	(1)
UNCLASSIFIED	761	69	-	-	-	-	-	-	921	76
TOTAL SHARKS	1,534	73	-	-	-	-	-	-	2,859	103
SHEEPSHEAD:										
FRESH-WATER	-	-	3,553	72	3,298	218	-	-	7,321	333
SALT-WATER	20	2	-	-	-	-	-	-	496	42
SIERRA	(1)	(1)	-	-	-	-	-	-	(1)	(1)
SILVERSIDES	-	-	-	-	-	-	-	-	161	15
SKATES	739	11	-	-	-	-	-	-	837	13
SMELT	2,179	193	2,604	70	-	-	-	-	4,953	313
SNAPPER:										
MANGROVE	-	-	-	-	-	-	-	-	404	66
MUTTON	-	-	-	-	-	-	-	-	204	44
RED	-	-	-	-	-	-	-	-	12,530	3,162
VERMILION	-	-	-	-	-	-	-	-	95	9
YELLOWTAIL	-	-	-	-	-	-	-	-	998	228
UNCLASSIFIED	-	-	-	-	-	-	271	159	272	159
SPADEFISH	-	-	-	-	-	-	-	-	4	(1)
SPANISH MACKEREL	-	-	-	-	-	-	-	-	9,601	935
SPANISH SARDINE	-	-	-	-	-	-	-	-	47	1
SPLITTAIL	2	(1)	-	-	-	-	-	-	2	(1)
SPOT	-	-	-	-	-	-	2	(1)	7,756	598
STEELHEAD TROUT	1,026	306	-	-	-	-	-	-	1,026	306
STRIPED BASS	53	6	-	-	-	-	-	-	8,664	1,345
STURGEON:										
COMMON	485	80	3	3	-	-	-	-	658	110
SHOVELNOSE, ETC.	-	-	-	-	41	7	-	-	41	7
SUCKERS	31	1	1,493	47	309	10	-	-	1,843	58
SUNFISH	-	-	11	1	-	-	-	-	33	3
SWELLFISH	-	-	-	-	-	-	-	-	2,354	67
SWORDFISH	39	20	-	-	-	-	25	4	998	439
TARPON	-	-	-	-	-	-	-	-	(1)	(1)
TAUTOG	-	-	-	-	-	-	-	-	173	4
TEMPONDER	-	-	-	-	-	-	1	(1)	393	16
TILEFISH	-	-	-	-	-	-	-	-	375	40
TOMCOD	71	2	-	-	-	-	-	-	72	2
TRIGGERFISH	-	-	-	-	-	-	1	(1)	18	1
TRIPLETAIL	-	-	-	-	-	-	-	-	9	(1)
TULLIBEE	-	-	2,686	77	-	-	-	-	2,686	77
TUNA:										
ALBACORE	45,938	7,602	-	-	-	-	17	4	45,955	7,606
BLUEFIN	31,200	4,368	-	-	-	-	2/1,221	2/598	2/39,496	2/5,503
LITTLE	-	-	-	-	-	-	13	2	30	2
SKIPJACK	92,721	11,922	-	-	-	-	9,415	1,174	102,221	13,102
YELLOWFIN	124,021	16,752	-	-	-	-	397	143	124,455	16,899
TOTAL TUNA	293,880	42,644	-	-	-	-	11,063	1,921	312,157	45,112
TUREBOT	80	5	-	-	-	-	-	-	80	5
WAHOO	24	8	-	-	-	-	24	5	48	13
WARSAW	-	-	-	-	-	-	-	-	301	23
WHITEBAIT	188	17	-	-	-	-	-	-	188	17
WHITE BASS	-	-	1,409	182	11	2	-	-	1,420	184
WHITEFISH:										
COMMON	-	-	1,027	541	45	11	-	-	1,072	552
MEMPHINEE	-	-	44	9	-	-	-	-	44	9
WHITE PERCH	-	-	4	(1)	-	-	-	-	2,941	262
WHITING	-	-	-	-	-	-	-	-	105,088	2,340
WOLFFISH	-	-	-	-	2	(1)	-	-	640	35
YELLOW BASS	-	-	-	-	-	-	-	-	2	(1)
YELLOW PERCH	-	-	12,024	1,054	236	35	-	-	12,467	1,108
YELLOW PIKE	-	-	852	315	788	176	-	-	1,640	491
YELLOWTAIL	188	16	-	-	-	-	-	-	188	16
UNCLASSIFIED:										
FOR FOOD	22	1	-	-	-	-	366	205	7,107	651
BAIT, REDUCTION, AND ANIMAL FOOD	1,880	38	-	-	-	-	-	-	216,856	2,490
TOTAL FISH	994,120	123,452	65,572	5,533	55,788	5,384	13,089	2,776	4,708,844	230,224
SHELLFISH, ETC.										
CRABS:										
BLUE:										
HARD	-	-	-	-	-	-	-	-	149,347	7,539
SOFT AND PEELER	-	-	-	-	-	-	-	-	5,871	1,454
DUNGINESS	23,364	4,061	-	-	-	-	-	-	23,364	4,061
GREEN	-	-	-	-	-	-	-	-	63	5

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

GENERAL REVIEW

25

CATCH BY REGION, 1962 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	PACIFIC		GREAT LAKES		MISSISSIPPI RIVER AND TRIBUTARIES		HAWAII		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
SHELLFISH, ETC.-CONT'D.										
CRABS - CONTINUED:										
KING	52,782	5,278	-	-	-	-	-	-	52,782	5,278
ROCK	200	17	-	-	-	-	-	-	2,208	109
STONE	-	-	-	-	-	-	-	-	655	237
TANNER	11	1	-	-	-	-	-	-	11	1
UNCLASSIFIED	-	-	-	-	-	-	39	24	39	24
TOTAL CRABS	76,357	9,357	-	-	-	-	39	24	234,340	18,708
CRAWFISH, FRESH-WATER	14	3	(1)	(1)	2,268	272	-	-	3,111	411
HORSESHOE CRABS	-	-	-	-	-	-	-	-	340	2
LIMPET	-	-	-	-	-	-	2	5	2	5
LOBSTERS:										
NORTHERN	-	-	-	-	-	-	-	-	29,497	14,953
SPINY	517	354	-	-	-	-	8	5	3,664	1,531
SHRIMP	22,906	1,339	-	-	-	-	1	1	191,106	73,236
ABALONE	837	593	-	-	-	-	-	-	837	593
CLAMS:										
COCKLE	1	(1)	-	-	-	-	-	-	1	(1)
HARO	410	175	-	-	-	-	1	2	13,295	6,724
OCEAN QUAHOG	-	-	-	-	-	-	-	-	67	7
RAZOR	483	177	-	-	-	-	-	-	529	195
SOFT	-	-	-	-	-	-	-	-	9,396	2,813
SURF	-	-	-	-	-	-	-	-	30,854	2,010
MIXED	27	13	-	-	-	-	-	-	27	13
TOTAL CLAMS	921	365	-	-	-	-	1	2	54,169	11,762
CONCHS	-	-	-	-	-	-	-	-	763	86
MUSSELS, SEA	4	(1)	-	-	-	-	-	-	596	46
MUSSEL SHELLS	-	-	-	-	10,981	708	-	-	10,981	708
PEARLS AND SLUGS	-	-	-	-	-	16	-	-	-	16
OCTOPUS	134	15	-	-	-	-	5	3	141	18
OYSTERS, MARKET:										
EASTERN:										
PUBLIC	-	5	-	-	-	-	-	-	19,241	9,964
PRIVATE	14	-	-	-	-	-	-	-	26,056	16,552
PACIFIC	10,714	2,550	-	-	-	-	-	-	10,714	2,550
WESTERN	26	73	-	-	-	-	-	-	26	73
TOTAL OYSTERS	10,754	2,628	-	-	-	-	-	-	56,037	29,139
PERIWINKLES AND COCKLES	-	-	-	-	-	-	-	-	35	11
SCALLOPS:										
BAY	-	-	-	-	-	-	-	-	3,159	2,067
CALICO	-	-	-	-	-	-	-	-	17	5
SEA	-	-	-	-	-	-	-	-	24,634	10,024
SQUID	9,381	169	-	-	-	-	12	4	14,212	475
SEA URCHINS	-	-	-	-	-	-	-	-	74	3
TERRAPIN	-	-	-	-	-	-	-	-	17	5
TURTLES:										
BABY	-	-	-	-	17	88	-	-	17	89
GREEN	-	-	-	-	-	-	-	-	31	4
LOGGERHEAD	-	-	-	-	-	-	-	-	9	1
SLIDER	-	-	-	-	23	(1)	-	-	23	(1)
SNAPPER	-	-	-	-	205	24	-	-	488	60
SOFT-SHELL	-	-	-	-	8	1	-	-	316	16
UNCLASSIFIED	-	-	-	-	-	-	(1)	(1)	1	(1)
TOTAL TURTLES	-	-	-	-	253	113	(1)	(1)	885	170
FROGS	-	-	-	-	63	22	-	-	70	24
IRISH MOSS	-	-	-	-	-	-	-	-	5,513	92
KELP (WITH HERRING EGGS)	46	2	-	-	-	-	-	-	46	2
SPONGES	-	-	-	-	-	-	-	-	48	416
BLOODWORMS	-	-	-	-	-	-	-	-	593	524
SANDWORMS	-	-	-	-	-	-	-	-	696	436
TOTAL SHELLFISH, ETC.	121,871	14,825	(1)	(1)	13,565	1,131	68	44	635,585	165,498
WHALE PRODUCTS:										
MEAL	2,876	161	-	-	-	-	-	-	2,876	161
MEAT	4,313	368	-	-	-	-	-	-	4,313	368
OIL:										
SPERM	532	57	-	-	-	-	-	-	532	57
WHALE	2,035	120	-	-	-	-	-	-	2,035	120
TOTAL WHALE PRODUCTS	9,756	706	-	-	-	-	-	-	9,756	706
GRAND TOTAL	1,125,747	138,983	65,572	5,533	69,353	6,515	13,157	2,820	5,354,185	396,428

1/ LESS THAN 500 POUNDS OR \$500. 2/ INCLUDES DATA ON THE CATCH OF BIGEYE TUNA IN HAWAII.

GENERAL REVIEW

CATCH BY STATES, 1962

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

STATES	MARINE WATERS AND COASTAL RIVERS		LAKES 1/		MISSISSIPPI RIVER AND TRIBUTARIES		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
ALABAMA	9,081	2,509	-	-	7,868	826	16,949	3,335
ALASKA	429,218	57,242	-	-	-	-	429,218	57,242
ARKANSAS	-	-	-	-	5,277	613	5,277	613
CALIFORNIA	516,020	54,969	-	-	-	-	516,020	54,969
CONNECTICUT	6,016	1,216	-	-	-	-	6,016	1,216
DELAWARE	271,686	3,184	-	-	-	-	271,686	3,184
FLORIDA	186,926	30,889	10,897	1,466	-	-	197,823	32,355
GEORGIA	22,136	4,553	-	-	-	-	22,136	4,553
HAWAII	13,157	2,820	-	-	-	-	13,157	2,820
ILLINOIS	-	-	290	38	6,363	575	6,653	613
INDIANA	-	-	6	1	628	29	634	30
IOWA	-	-	-	-	2,326	176	2,326	176
KANSAS	-	-	-	-	52	6	52	8
KENTUCKY	-	-	-	-	-	-	2,555	294
LOUISIANA	766,540	26,923	-	-	10,081	1,410	776,621	30,333
MAINE	294,323	20,365	-	-	-	-	294,323	20,365
MARYLAND	67,574	11,926	-	-	-	-	67,574	11,926
MASSACHUSETTS	493,414	40,265	-	-	-	-	493,414	40,265
MICHIGAN	-	-	22,121	2,479	-	-	22,121	2,479
MINNESOTA	-	-	6,025	277	8,040	500	14,065	777
MISSISSIPPI	370,074	7,963	-	-	3,448	395	373,522	8,378
MISSOURI	-	-	-	-	267	35	267	35
MONTANA	-	-	-	-	86	9	86	9
NEBRASKA	-	-	-	-	308	35	308	35
NEW HAMPSHIRE	1,089	401	-	-	-	-	1,089	401
NEW JERSEY	446,929	11,624	-	-	-	-	446,929	11,624
NEW YORK	225,759	10,201	680	108	-	-	226,439	10,309
NORTH CAROLINA	182,384	6,755	-	-	-	-	182,384	6,755
NORTH DAKOTA	-	-	-	-	343	27	343	27
OHIO	-	-	15,225	1,139	-	-	15,225	1,139
OKLAHOMA	-	-	-	-	426	57	426	57
OREGON	61,005	7,833	-	-	-	-	61,005	7,833
PENNSYLVANIA	-	-	2,150	150	-	-	2,150	150
RHODE ISLAND	76,839	3,528	-	-	-	-	76,839	3,528
SOUTH CAROLINA	22,680	4,720	-	-	-	-	22,680	4,720
SOUTH DAKOTA	-	-	-	-	2,716	116	2,716	116
TENNESSEE	-	-	-	-	7,575	797	7,575	797
TEXAS	172,108	30,168	-	-	408	63	172,516	30,231
VIRGINIA	453,901	21,701	-	-	-	-	453,901	21,701
WASHINGTON	117,504	18,939	-	-	-	-	117,504	18,939
WISCONSIN	-	-	19,075	1,341	10,392	545	29,467	1,886
WYOMING	-	-	-	-	174	5	174	5
TOTAL	5,208,363	362,914	76,469	6,999	69,353	6,515	5,354,185	396,428

1/ INCLUDES THE CATCH OF THE GREAT LAKES, THE INTERNATIONAL LAKES OF MINNESOTA, AND THE INLAND LAKES OF FLORIDA.

CATCH BY GEAR, 1962

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

GEAR	NEW ENGLAND		MIDDLE ATLANTIC		CHESAPEAKE		SOUTH ATLANTIC	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
HAUL SEINES	2,530	56	1,158	149	11,012	711	11,590	975
STOP NETS AND SEINES	129,275	1,994	98	6	-	-	-	1,688
PURSE SEINES	43,626	834	764,565	6,102	292,807	3,380	156,904	1,688
BAG NETS	69	15	-	-	-	-	75	26
BEAM TRAWLS	-	-	6	6	-	-	-	-
OTTER TRAWLS	578,664	31,878	97,663	4,873	23,483	2,091	50,746	12,343
WEIRS	20,811	321	342	3	-	-	-	-
POUND NETS	4,113	334	25,508	454	62,141	2,043	13,972	340
FLOATING TRAPS	7,071	532	-	-	-	-	-	-
FYKE AND HOOP NETS	3	(2)	128	12	4,105	184	595	72
POTS AND TRAPS	28,732	13,733	5,611	760	3/55,090	3/3,038	30,962	2,217
GILL NETS	5,286	325	2,403	280	9,621	1,189	14,378	1,422
TRAMMEL NETS	-	-	-	-	-	-	152	85
HOOKS AND BAITS	11,619	877	2,051	260	17,021	1,085	20,930	2,304
DIP NETS	1,786	243	-	-	129	25	672	60
PUSH NETS	-	-	2	2	-	-	-	-
CAST NETS	-	-	-	-	-	-	77	28
HARPOONS	836	337	53	29	-	-	-	-
SPEARS	4	40	4	6	-	-	131	24
SCRAPES	-	-	-	-	3,782	755	-	-
ORDDGES	24,650	10,398	40,066	7,672	32,746	12,423	515	304
TONGS AND RAKES 7/	8,394	1,535	4,219	2,410	9,436	6,648	1,698	763
HOCES AND FORKS	4,151	2,328	10	4	-	-	-	-
DIVING OUTFITS	42	22	-	-	-	-	-	-
BY HAND	37	12	451	181	102	55	2,029	811
TOTAL	871,681	65,775	944,374	25,209	521,475	33,627	305,416	23,462

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

GENERAL REVIEW

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CATCH BY GEAR, 1962 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

GEAR	GULF		PACIFIC		GREAT LAKES	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
HAUL SEINES	11,452	761	1/ 3,549	1/ 325	9,331	474
PURSE SEINES	1,056,650	12,055	1/603,936	1/59,463	-	-
BEAM TRAWLS	-	-	5,735	348	-	-
OTTER TRAWLS	241,754	62,459	127,820	7,109	8,319	197
WEIRS	-	-	115	23	-	-
POUND NETS	-	-	135	45	4,968	182
TRAP NETS	-	-	-	-	10,906	1,111
FLOATING TRAPS	-	-	2,748	333	-	-
FYKE AND HOOP NETS	1,891	316	-	-	1,314	109
POTS AND TRAPS	19,426	2,072	77,603	9,762	-	-
GILL NETS	40,347	3,102	4/113,163	4/21,174	30,415	3,393
TRAMMEL NETS	7,552	1,161	-	-	-	-
HOOKS AND BAITS	36,383	5,818	166,444	35,810	298	67
DIP NETS	2,380	241	5/ 1,325	5/ 116	1	(2)
REEF NETS	-	-	161	3	-	-
WHEELS	-	-	22	-	-	-
CAST NETS	25	1	-	-	-	-
HARPOONS	-	-	9,791	724	-	-
SPEARS	101	24	-	-	-	-
DREDGES	12,250	3,918	6/ 10,599	6/ 2,577	-	-
TONGS AND RAKES ^{2/}	6,976	2,083	5/ 221	6/ 70	-	-
SHOVELS	-	-	856	344	-	-
BRUSH TRAPS	108	54	-	-	-	-
GRABS	7	2	-	-	-	-
HOOKS	10	69	-	-	-	-
DIVING OUTFITS	38	347	837	593	-	-
BY HAND	70	21	50	3	-	-
TOTAL	1,437,410	94,504	1,125,747	138,983	65,572	5,533

GEAR	MISSISSIPPI RIVER AND TRIBUTARIES		HAWAII		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
HAUL SEINES	15,866	693	38	14	66,836	4,158
STOP NETS AND SEINES	-	-	-	-	129,373	2,000
PURSE SEINES	-	-	-	-	2,918,468	85,522
BAG NETS	-	-	144	83	288	124
BEAM TRAWLS	-	-	-	-	5,741	354
OTTER TRAWLS	-	-	-	-	1,128,449	120,950
WEIRS	1,070	40	-	-	22,338	387
POUND NETS	60	5	-	-	110,917	3,403
TRAP NETS	493	18	-	-	11,399	1,129
FLOATING TRAPS	-	-	-	-	9,819	865
FYKE AND HOOP NETS	13,912	1,436	-	-	21,938	2,129
POTS AND TRAPS	2,862	409	110	49	220,396	32,040
GILL NETS	9,505	1,041	34	20	225,154	31,946
TRAMMEL NETS	7,782	758	-	-	15,486	2,004
HOOKS AND BAITS	6,593	1,264	12,502	2,516	273,841	50,001
OIF NETS	166	105	-	-	6,460	790
LIFT NETS	-	-	230	71	230	71
REEF NETS	-	-	-	-	498	161
PUSH NETS	-	-	-	-	2	2
WHEELS	-	-	-	-	22	3
CAST NETS	-	-	1	(2)	103	29
HARPOONS	-	-	-	-	10,650	1,090
SPEARS	-	-	3	2	279	17
SCRAPES	-	-	-	-	3,782	755
DREDGES	-	-	-	-	120,825	37,292
TONGS AND RAKES ^{2/}	-	-	-	-	30,904	13,509
HOES AND FORKS	-	-	-	-	4,161	2,332
SHOVELS	-	-	-	-	856	344
CROWFOOT BARS	10,129	689	-	-	10,129	689
BRUSH TRAPS	-	-	-	-	108	24
GRABS	63	22	-	-	70	24
HOOKS	-	-	-	-	10	69
DIVING OUTFITS	-	-	-	-	917	962
BY HAND	852	35	2	5	3,593	1,123
UNCLASSIFIED	-	-	93	60	93	60
TOTAL	69,353	6,515	13,157	2,820	5,354,185	396,428

1/ THE CATCH BY HAUL SEINES IN ALASKA AND BY LAMPARA NETS IN CALIFORNIA HAS BEEN INCLUDED WITH PURSE SEINES.
 2/ LESS THAN \$500.
 3/ THE CATCH BY SLAT TRAPS IN VIRGINIA HAS BEEN INCLUDED WITH POTS AND TRAPS.
 4/ THE CATCH BY TRAMMEL NETS IN CALIFORNIA HAS BEEN INCLUDED WITH GILL NETS.
 5/ THE CATCH BY BRAIL OR SCOOP NETS IN CALIFORNIA HAS BEEN INCLUDED WITH DIP NETS.
 6/ THE CATCH BY HAND IN WASHINGTON AND OREGON HAS BEEN INCLUDED WITH THE CATCH BY DREDGES. IN CALIFORNIA, IT HAS BEEN INCLUDED WITH TONGS.
 7/ INCLUDES THE CATCH BY OYSTER GRABS.

GENERAL REVIEW

CATCH FROM WATERS OFF THE UNITED STATES
AND ON THE HIGH SEAS OFF FOREIGN COASTS, 1962

(MILLION POUNDS)

AREA AND SPECIES	WATERS OFF U.S. COASTS	HIGH SEAS OFF FOREIGN COASTS	TOTAL
	QUANTITY	QUANTITY	QUANTITY
ATLANTIC AND GULF STATES:			
NEW ENGLAND:			
COD	41.1	2.8	43.9
CUSH	1.8	.1	1.9
FLOUNDERS	86.0	.7	86.7
HADDOCK	120.0	14.2	134.2
HAKE, WHITE	5.2	.4	5.6
HALIBUT . . . . .	.2	.1	.3
OCEAN PERCH	27.7	96.3	124.0
POLLOCK	12.2	4.1	16.3
SWORDFISH . . . . .	.9	(1)	.9
TUNA	7.1	(1)	7.1
WHITING	97.6	.1	97.7
WOLFFISH . . . . .	.4	.2	.6
UNCLASSIFIED	352.4	.1	352.5
TOTAL	752.6	119.1	871.7
MIDDLE ATLANTIC, CHESAPEAKE, AND SOUTH ATLANTIC STATES, UNCLASSIFIED, TOTAL			
	1,771.3	-	1,771.3
GULF:			
GROUPERS	6.6	1.0	7.6
SNAPPER, RED	7.7	4.2	11.9
SHRIMP	110.6	31.1	141.7
UNCLASSIFIED	1,276.2	-	1,276.2
TOTAL	1,401.1	36.3	1,437.4
TOTAL ATLANTIC AND GULF STATES			
	3,925.0	155.4	4,080.4
PACIFIC COAST STATES:			
ALASKA, WASHINGTON, AND OREGON:			
BOTTOMFISH (WASHINGTON AND OREGON) 2/	44.0	38.1	82.1
HALIBUT	51.2	2.6	53.8
SALMON	305.7	2.2	307.9
UNCLASSIFIED	163.5	.4	163.9
TOTAL	564.4	43.3	607.7
CALIFORNIA:			
BARRACUDA . . . . .	.5	.2	.7
BONITO	2.0	.1	2.1
FLOUNDERS	19.3	.1	19.4
GROUPERS	-	.3	.3
LINGCOD	1.1	(1)	1.1
MACKEREL, PACIFIC	48.6	(1)	48.6
PERCH . . . . .	.2	(1)	.2
ROCK BASS	-	(1)	(1)
ROCKFISHES	9.4	.4	9.8
SARDINES, PACIFIC	15.3	.1	15.4
SCULPIN . . . . .	.1	(1)	.1
SEA BASS:			
BLACK	(1)	.4	.4
WHITE . . . . .	.2	.4	.6
SHARKS, UNCLASSIFIED	(1)	(1)	.8
SHEEPSHEAD	(1)	(1)	(1)
SKATES	(1)	(1)	(1)
SWORDFISH	(1)	(1)	(1)
TUNA:			
ALBACORE	32.0	4.6	36.6
BLUEFIN	17.0	14.2	31.2
SKIPJACK	-	92.7	92.7
YELLOWFIN	(1)	124.0	124.0
YELLOWTAIL	(1)	.2	.2
LOBSTERS, SPINY . . . . .	.5	(1)	.5
UNCLASSIFIED	133.3	(1)	133.3
TOTAL	260.3	237.7	518.0
TOTAL PACIFIC COAST STATES			
	844.7	281.0	1,125.7
GREAT LAKES AND MISSISSIPPI RIVER STATES, UNCLASSIFIED, TOTAL			
	134.9	-	134.9
HAWAII, UNCLASSIFIED, TOTAL			
	13.2	-	13.2
GRAND TOTAL			
	4,917.8	436.4	5,354.2

1/ LESS THAN 50,000 POUNDS.

2/ PRINCIPALLY COD, FLOUNDERS (INCLUDING SOLE), LINGCOD, OCEAN PERCH, ROCKFISHES, AND SABLEFISH.

GENERAL REVIEW

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RELATIVE VOLUME OF THE CATCH, BY SPECIES, 1962

SPECIES	QUANTITY	PERCENT OF TOTAL	RECORD CATCH AND YEAR	
			THOUSAND POUNDS	THOUSAND POUNDS
MENHADEN	2,347,944	43.9	1962	2,347,944
SALMON	314,566	5.9	1936	790,884
TUNA	312,157	5.8	1950	391,454
CRABS	234,340	4.4	1962	234,340
INDUSTRIAL FISH 1/	216,856	4.0	1959	247,860
HERRING, SEA:				
ATLANTIC	158,536	2.9	1902	200,598
PACIFIC	41,570	.8	1937	263,200
TOTAL HERRING	200,106	3.7	-	-
SHRIMP				
FLOUNDERS	191,106	3.6	1954	268,334
HADDOCK	155,329	2.9	1962	155,329
OCEAN PERCH, ATLANTIC	134,250	2.5	1929	293,809
WHITING	123,983	2.3	1951	258,320
JACK MACKEREL	105,088	2.0	1957	133,041
ALEWIVES	90,363	1.7	1952	146,522
OYSTERS	57,888	1.1	1908	89,978
CLAMS	36,037	1.0	2/1908	152,046
HALIBUT, PACIFIC	54,169	1.0	1962	54,169
	53,757	1.0	1915	66,696
COD:				
ATLANTIC	46,910	.8	1880	294,351
PACIFIC	3,185	.1	1915	32,661
TOTAL COD	50,095	.9	-	-
MACKEREL, PACIFIC				
SCUP OR PORGY	48,579	.9	1935	146,727
MULLET	46,306	.8	1960	49,229
CATFISH AND BULLHEADS	43,165	.8	1902	43,385
CARP	37,619	.7	1961	38,468
LOBSTERS, NORTHERN	30,293	.6	1908	42,659
ROCKFISHES	29,497	.6	1960	31,168
SCALLOPS, SEA	27,960	.5	1945	57,686
BUFFALOFISH	24,634	.4	1961	27,461
OCEAN PERCH, PACIFIC	18,506	.3	1950	25,673
POLLOCK	17,327	.3	1962	17,327
SARDINE, PACIFIC	16,333	.3	1938	40,694
CHUBS	15,363	.3	1936	1,502,299
SQUID	14,426	.3	1960	16,654
SNAPPER, RED	14,212	.3	1946	40,266
YELLOW PERCH	12,530	.2	1902	23,457
BUTTERFISH	12,467	.2	1934	16,262
MUSSEL SHELLS	11,744	.2	1939	17,151
HERRING, LAKE	10,961	.2	1906	81,669
WHALE PRODUCTS 3/	10,057	.2	1899	59,914
SEA BASS, BLACK (ATLANTIC)	9,756	.2	(4)	(4)
SPANISH MACKEREL	9,436	.2	1952	21,997
SABLEFISH	9,601	.2	1945	11,593
SHAD	6,859	.2	1945	17,750
STRIPED BASS	6,859	.2	1890	43,000
GROUPEFS	8,664	.2	1961	9,495
SPOT	8,176	.1	1943	6,862
SHEEPSHEAD, FRESH-WATER	7,756	.1	1952	15,663
HAKE, RED	7,321	.1	1959	13,644
LINGCOD	6,726	.1	(4)	(4)
BLUEFISH	6,264	.1	1944	14,262
HAKE, WHITE	5,923	.1	5/1897	22,673
IRISH MOSS	5,728	.1	1896	39,900
SEA TROUT OR WEAKFISH, SPOTTED	5,513	.1	1961	6,995
SMELT	5,092	.1	1936	8,600
SEA TROUT OR WEAKFISH, GRAY	4,953	.1	1958	13,303
KING WHITING OR "KINGFISH"	4,732	.1	1945	41,420
KING MACKEREL	4,333	.1	1952	5,270
CROAKER	4,186	.1	1927	4,619
UNCLASSIFIED	3,274	.1	1945	64,668
	78,984	1.5	-	-
GRAND TOTAL	5,354,185	100.0	1962	5,354,185

1/ UNCLASSIFIED SPECIES FOR BAIT, REDUCTION, AND ANIMAL FOOD. 2/ FIRST YEAR IN WHICH AN OYSTER SURVEY WAS MADE IN ALL REGIONS. 3/ SINCE DATA ARE NOT AVAILABLE ON THE POUNDAGE OF WHALES TAKEN, STATISTICS ON THE YIELD OF THESE MAMMALS REPRESENT THE WEIGHT OF THE WHALE PRODUCTS WHICH INCLUDES MEAL, MEAT, AND OIL. 4/ DATA NOT AVAILABLE. 5/ INCLUDES DATA ON NEW ENGLAND CATCH IN 1896.

GENERAL REVIEW

RELATIVE VALUE OF THE CATCH, BY SPECIES, 1962

SPECIES	VALUE	PERCENT OF TOTAL	RECORD VALUE AND YEAR	
	THOUSAND DOLLARS	PERCENT	YEAR	THOUSAND DOLLARS
SHRIMP	73,236	18.5	1953	76,641
SALMON	56,353	14.2	1962	56,353
TUNA	45,112	11.4	1950	61,342
OYSTERS	29,139	7.4	1961	33,204
MENHADEN	25,865	6.5	1956	26,425
CRABS	18,708	4.7	1962	18,708
LOBSTERS, NORTHERN	14,953	3.8	1962	14,953
FLOUNDERS	14,390	3.6	1962	14,390
CLAMS	11,762	3.0	1960	12,049
HALIBUT, PACIFIC	11,579	2.9	1962	11,579
HADDOCK	10,913	2.8	1946	13,043
SCALLOPS, SEA	10,024	2.5	1959	11,805
CATFISH AND BULLHEADS	9,178	1.6	1952	6,411
OCEAN PERCH, ATLANTIC	5,223	1.3	1951	12,597
COO:				
ATLANTIC	3,294	.8	1948	4,742
PACIFIC	159	.1	1959	664
TOTAL COO	3,453	.9	-	-
SNAPPER, RED	3,162	.8	1961	3,266
HERRING, SEA:				
ATLANTIC	2,426	.6	1948	3,798
PACIFIC	691	.2	1947	2,152
TOTAL HERRING	3,117	.8	-	-
SCUP OR PORGY	3,048	.8	1962	3,048
MULLET	2,551	.6	1945	4,647
INDUSTRIAL FISH 1/	2,490	.6	1959	2,632
WHITING	2,340	.6	1951	2,903
SCALLOPS, BAY	2,067	.5	1962	2,067
JACK MACKEREL	1,993	.5	1952	4,755
BUFFALOFISH	1,913	.5	1952	3,564
CHUBS	1,706	.4	1958	2,564
LOBSTERS, SPINY	1,561	.4	1962	1,561
ROCKFISHES	1,412	.4	1945	2,648
SEA BASS, BLACK (ATLANTIC)	1,368	.3	1952	5,206
SHAD	1,367	.3	1945	2,680
STRIPED BASS	1,345	.3	1959	1,436
SEA TROUT OR WEAKFISH, SPOTTED	1,242	.3	1952	1,781
YELLOW PERCH	1,108	.3	1958	1,540
CARP	1,047	.3	1951	2,007
MACKEREL, PACIFIC	1,027	.3	1957	1,231
BUTTERFISH	1,005	.3	1962	1,005
SPANISH MACKEREL	935	.2	1945	1,521
ALEWIVES	884	.2	1962	884
GROUPERS	875	.2	1945	1,038
SABLEFISH	842	.2	1946	1,834
OCEAN PERCH, PACIFIC	832	.2	1962	832
MUSSEL SHELLS	708	.2	(2)	(2)
WHALE PRODUCTS 3/	706	.2	(2)	(2)
POLLOCK	685	.2	1945	1,619
POMPANO	666	.2	1941	695
BLUEFISH	646	.2	1951	760
SPOT	598	.2	1949	975
ABALONE	593	.2	1961	607
HERRING, LAKE	559	.1	1952	1,458
WHITEFISH, COMMON	552	.1	1948	3,784
KING MACKEREL	532	.1	1945	578
BLOODWORMS	524	.1	1962	524
YELLOW PIKE	491	.1	1951	2,152
SARDINE, PACIFIC	490	.1	1950	12,140
SQUID	475	.1	1947	1,370
CROAKER	474	.1	1945	6,950
DRUM, RED	450	.1	1945	726
SWORFISH	439	.1	1946	1,435
SANDWORMS	436	.1	1962	436
UNCLASSIFIED	8,278	2.1	-	-
TOTAL	396,428	100.0	1962	396,428

1/ UNCLASSIFIED SPECIES FOR BAIT, REDUCTION, AND ANIMAL FOOD. 2/ DATA NOT AVAILABLE. 3/ THE VALUE OF THE WHALE PRODUCTS REPRESENTS THE AMOUNT RECEIVED BY THE MANUFACTURER FOR THE PRODUCTION OF WHALE MEAL, MEAT, AND OIL.

U. S. CATCH - LIVE WEIGHT BASIS

In the annual digest it has been the practice of the Bureau to show the catch of univalve and bivalve mollusks on the basis of the weight of meats. Insofar as possible, all other fish and shellfish items are shown on a live weight basis.

Since world fishery statistics published by the Food and Agriculture Organization of the United Nations represent the live weight of the catch for all items of fish and shellfish, it has been necessary to provide that organization with information on the domestic catch of all species on a live weight basis. Data released by the Food and Agriculture Organization, therefore, indicate that the 1962 U.S. catch was 1.2 billion pounds greater than the figure appearing in Bureau publications. The increase is due to the inclusion of the weight of the shells of univalve and bivalve mollusks in the Food and Agriculture Organization data.

It has been deemed desirable to include in this report a table showing the entire domestic catch on a live weight basis. Information is also published on the catch of fishery products in the principal countries of the world so that the relative importance of the domestic fisheries can be determined. Tables containing these data follow:

U. S. CATCH, 1962 - LIVE WEIGHT BASIS

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

ITEM	QUANTITY	VALUE
FISH	4,708,844	230,224
SHELLFISH, ETC.:		
UNIVALVE AND BIVALVE MOLLUSKS,:		
ABALONE	4,183	593
CLAMS:		
COCKLE	6	(1)
HARD	99,954	6,724
OCEAN QUAHOG	537	7
RAZOR	1,627	195
SOFT	48,073	2,813
SURF	153,950	2,010
MIXED	129	13
TOTAL CLAMS	304,276	11,762
LIMPET	10	5
CONCH	2,419	86
MUSSELS:		
SEA	4,095	46
FRESH-WATER	12,079	724
OYSTERS, MARKET	804,554	29,139
PERIWINKLES AND COCKLES	145	11
SCALLOPS:		
BAY	25,376	2,067
CALICO	183	5
SEA	203,437	10,024
TOTAL UNIVALVE AND BIVALVE MOLLUSKS	1,360,757	54,462
CRUSTACEANS	462,058	108,871
OTHER	22,297	2,165
TOTAL SHELLFISH, ETC.	1,845,112	165,496
WHALE PRODUCTS	9,756	706
GRAND TOTAL	6,563,712	396,428

1/ LESS THAN \$500.

GENERAL REVIEW

WORLD CATCH OF FISH, CRUSTACEANS, MOLLUSKS, ETC.,
BY COUNTRIES

The 1962 world commercial landings of fish, crustaceans, mollusks, etc., totaled 98.6 billion pounds, according to the "Yearbook of Fishery Statistics, 1962" released by the Food and Agriculture Organization of the United Nations. The landings increased 8.7 percent over the 1961 production of 90.7 billion pounds and once again established a new record.

Peru was the major contributor to the increase in world landings. The landings of fish in that country increased from 11.6 billion pounds in 1961 to 15.1 billion pounds in 1962, an increase of 30 percent in one year.

Four countries accounted for 50 percent of the 1962 world catch. Japan (15.3 percent) barely maintained its position as leading fishing nation of the world. Peru, with the same percentage (15.3) of world landings as Japan had slightly less poundage and remained in second place. The China, Mainland catch (1959 data) still placed in third position with 11.2 percent, followed by U.S.S.R. with 8.1 percent. The United States remained in fifth place with 6.7 percent.

Asia, excluding the U.S.S.R., accounted for 39 percent of the world catch. Europe, excluding the U.S.S.R., accounted for 19 percent, followed by South America, 18 percent; North America, 10 percent; U.S.S.R., 8 percent; and Africa, 6 percent. An insignificant percentage was taken in Oceania.

About 36 percent of the world catch was marketed fresh. Reduction into meal and oil accounted for 27 percent; cured, 17 percent; and canned and frozen, 9 percent each. The remaining 2 percent was used for miscellaneous purposes.

WORLD CATCH OF FISH, CRUSTACEANS, MOLLUSKS, ETC., BY COUNTRIES, 1962

(LIVE WEIGHT BASIS)

COUNTRY	BILLION POUNDS	PERCENT
JAPAN	15.13	15.3
PERU	15.06	15.3
CHINA (MAINLAND)	11.07	11.2
U. S. S. R.	7.98	8.1
UNITED STATES	6.56	6.7
NORWAY	2.95	3.0
CANADA	2.46	2.5
SPAIN	2.22	2.3
INDIA	2.15	2.2
UNITED KINGDOM	2.08	2.1
INDONESIA	2.08	2.1
ICELAND	1.84	1.9
DENMARK	1.73	1.8
FRANCE	1.62	1.6
SOUTH AFRICA	1.44	1.5
CHILE	1.41	1.4
GERMANY, WESTERN	1.39	1.4
PORTUGAL	1.14	1.2
PHILIPPINES	1.11	1.1
KOREA, SOUTH . . . . .	.99	1.0
SOUTH WEST AFRICA . . . . .	.90	.9
BURMA . . . . .	.79	.8
THAILAND . . . . .	.75	.8
PAKISTAN . . . . .	.73	.7
CHINA (TAIWAN) . . . . .	.72	.7
NETHERLANDS . . . . .	.71	.7
SWEDEN . . . . .	.64	.6
BRAZIL . . . . .	.62	.6
ANGOLA . . . . .	.59	.6
VIET-NAM, SOUTH . . . . .	.56	.6
MEXICO . . . . .	.48	.5
ITALY . . . . .	.48	.5
FEDERATION OF MALAYA . . . . .	.44	.4
POLAND . . . . .	.40	.4
MOROCCO . . . . .	.36	.4
CEYLON . . . . .	.32	.3
OTHER	6.69	6.8
TOTAL	98.59	100.0

1/ 1959 DATA. 2/ REVISED. 3/ 1961 DATA.

SOURCE:--YEARBOOK OF FISHERY STATISTICS, 1962, VOLUME XV, FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS.

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SEED OYSTER FISHERY, 1962

ITEM	NEW ENGLAND ^{1/}		MIDDLE ATLANTIC ^{2/}		CHESAPEAKE ^{3/}		TOTAL	
OPERATING UNITS	<u>NUMBER</u>		<u>NUMBER</u>		<u>NUMBER</u>		<u>NUMBER</u>	
FISHERMEN:								
ON VESSELS	21		-		170		191	
ON BOATS AND SHORE:								
REGULAR	-		40		380		420	
CASUAL	-		-		416		416	
TOTAL	21		40		966		1,027	
VESSELS, MOTOR	6		-		61		67	
GROSS TONNAGE	251		-		375		626	
BOATS:								
MOTOR	-		35		494		529	
OTHER	-		-		3		3	
GEAR:								
DREDGES, COMMON	12		-		-		12	
YARDS AT MOUTH	16		-		-		16	
TONGS	-		40		966		1,006	
CATCH	<u>U. S.</u>	<u>VALUE</u>	<u>U. S.</u>	<u>VALUE</u>	<u>U. S.</u>	<u>VALUE</u>	<u>U. S.</u>	<u>VALUE</u>
	<u>BUSHELS</u>		<u>BUSHELS</u>		<u>BUSHELS</u>		<u>BUSHELS</u>	
OYSTERS, SEED:								
PUBLIC:								
SPRING	-	-	6,520	\$20,400	1,034,199	\$802,700	1,040,719	\$823,100
FALL	-	-	-	-	723,925	634,485	723,925	634,485
PRIVATE:								
SPRING	14,751	\$81,121	-	-	35,763	30,500	50,514	111,621
FALL	16,492	56,978	-	-	34,671	29,705	51,163	86,663
TOTAL	31,243	138,099	6,520	20,400	1,828,558	1,497,390	1,866,321	1,655,869

^{1/} CONFINED TO CONNECTICUT.

^{2/} DELAWARE AND NEW YORK.

^{3/} CONFINED TO VIRGINIA.

NOTE:--THE CAPACITY OF A U. S. STANDARD BUSHEL IS 2,150.4 CUBIC INCHES. OF THE TOTAL NUMBER OF PERSONS FISHING FOR SEED OYSTERS, 663 WERE DUPLICATED AMONG THOSE FISHING FOR MARKET OYSTERS OR OTHER SPECIES. SIMILARLY, THE FOLLOWING CRAFT AND GEAR WERE DUPLICATED: 59 VESSELS (495 GROSS TONS), 454 MOTOR BOATS, 10 DREDGES (13 YARDS AT MOUTH), AND 990 TONGS.

WHOLESALE AND MANUFACTURING, 1962

ITEM	NEW ENGLAND	MIDDLE ATLANTIC	CHESAPEAKE	SOUTH ATLANTIC	GULF
WHOLESALE AND MANUFACTURING:	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>
ESTABLISHMENTS	553	507	560	437	820
PERSONS ENGAGED:					
AVERAGE FOR SEASON	14,941	7,949	13,129	8,061	17,017
AVERAGE FOR YEAR	9,679	6,328	8,159	4,846	10,082
ITEM	PACIFIC	GREAT LAKES	MISSISSIPPI RIVER AND TRIBUTARIES	HAWAII	TOTAL
WHOLESALE AND MANUFACTURING:	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>
ESTABLISHMENTS	583	223	413	19	4,135
PERSONS ENGAGED:					
AVERAGE FOR SEASON	24,034	3,167	2,341	354	90,993
AVERAGE FOR YEAR	13,502	1,989	1,967	297	56,849



GENERAL REVIEW

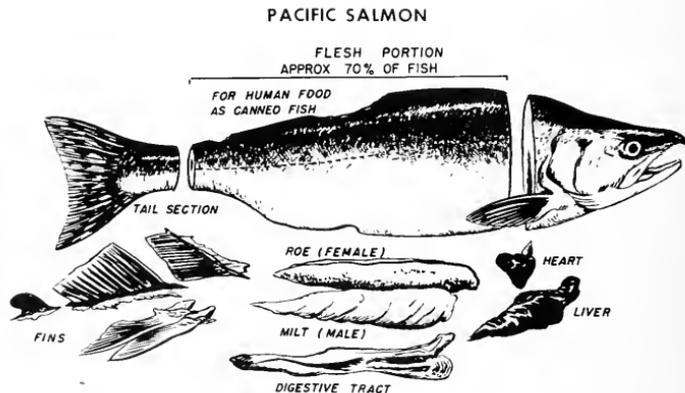
MANUFACTURED FISHERY PRODUCTS

The 1962 production of manufactured products (packaged fresh and frozen, canned, cured, and industrial products) in the United States, American Samoa, and Puerto Rico was valued at \$959 million to the producers. This was \$82 million more than in the previous year. Canned products made up 48 percent of the total value; fresh and frozen packaged items, 39 percent; industrial products (principally meal and oil), 8 percent; and cured products, 5 percent.

The canned fish and shellfish pack in 1962 totaled 1.1 billion pounds valued at \$456.9 million to the packers. The pack for human food was 757.3 million pounds valued at \$410.2 million, while that for animal food and bait was 376.4 million pounds worth \$46.7 million. Tuna led all other species in 1962 with a record pack of 17.0 million standard cases (335.5 million pounds) valued at \$209.8 million. The value of three items--salmon, tuna, and animal food--accounted for 79 percent of the amount received by producers for canned fishery products in 1962.

Production of fresh and frozen packaged fish and shellfish in 1962 was 647.3 million pounds worth \$379.5 million, an increase of 64.3 million pounds and \$52.7 million compared with 1961.

Industrial fishery products, principally fish meal and oil, were valued at \$75.7 million--an increase of \$1.1 million over the previous year. A record 312,259 tons of fish meal was manufactured in 1962--slightly more than in 1961. The 1962 production of marine-animal oils was over 33 million gallons and the yield of solubles and homogenized condensed fish was 125,000 tons.



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MANUFACTURED FISHERY PRODUCTS, 1962

ITEM	QUANTITY	VALUE
ALEWIVES:		
CANNED:		
FISH	STANDARD CASES	61,368
ROE	DO	43,769
SALTED:		
BRINED	POUNDS	6,567,848
PICKLED	DO	2,302,075
MEAL AND SCRAP	TONS	2,247
OIL	GALLONS	114,251
SOLUBLES	TONS	702
ANCHOVIES:		
CANNED:		
FISH	STANDARD CASES	16,414
PASTE	DO	1,373
OIL	GALLONS	(1)
BARRACUDA, SMOKED	POUNDS	2,172
BLUEFISH FILLETS, FRESH	DO	(1)
BUFFALOFISH, SMOKED	DO	(1)
BUTTERFISH, SMOKED	DO	847,947
CARP:		
FILLETS, FRESH	DO	(1)
SMOKED	DO	358,600
CATFISH, FILLETS, FROZEN	DO	(1)
CHUBB, SMOKED	DO	8,546,671
CISCO, SMOKED	DO	(1)
COD:		
FILLETS:		
FRESH	DO	7,972,888
FROZEN	DO	2,651,125
STEAKS, FRESH AND FROZEN	DO	612,128
SPECIALTIES:		
FROZEN	DO	1,741,459
CANNED	STANDARD CASES	(1)
SALTED	POUNDS	1,055,403
SMOKED	DO	441,557
LUTEFISH	DO	565,300
CUSK:		
FILLETS:		
FRESH	DO	265,467
FROZEN	DO	52,608
SMOKED	DO	(1)
DRUM FILLETS, FROZEN (BLACK AND RED)	DO	(1)
EELS, COMMON, SMOKED	DO	271,400
FLOUNDER:		
FILLETS:		
FRESH	DO	24,781,945
FROZEN	DO	13,416,260
BREADED, FROZEN	DO	232,687
SPECIALTIES, FROZEN	DO	153,604
SMOKED	DO	(1)
GROUPEL:		
FILLETS:		
FRESH	DO	374,013
FROZEN	DO	151,420
STEAKS	DO	91,168
FRESH	DO	10,500
FROZEN	DO	(1)
SPECIALTIES	DO	(1)
HADDOCK:		
FILLETS:		
FRESH	DO	24,081,792
FROZEN	DO	17,470,752
SPECIALTIES:		
FROZEN	DO	936,831
CANNED	STANDARD CASES	(1)
SMOKED	POUNDS	225,760
HAKE:		
FILLETS, FRESH		
SALTED	DO	300,531
SMOKED	DO	(1)
HALIBUT (INCLUDES ALASKA):		
FILLETS, FRESH AND FROZEN	DO	1,982,336
STEAKS, FROZEN	DO	8,403,417
SPECIALTIES, FROZEN	DO	460,751
CANNED	STANDARD CASES	21
SMOKED	POUNDS	360,335

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

GENERAL REVIEW

MANUFACTURED FISHERY PRODUCTS, 1962 - Continued

ITEM		QUANTITY	VALUE
HERRING, LAKE:			
FILLETS:			
FRESH	POUNDS	105,200	\$13,550
FROZEN	00	16,500	3,395
SALTED	00	1,997,220	242,650
SMOKED	00	175,000	54,319
HERRING, SEA:			
CANNED:			
MAINE SARDINES	STANDARD CASES	2,147,367	20,076,606
SPECIALTIES	00	1,921	37,972
SALTED:			
BRINED	POUNDS	212,500	73,250
PICKLED	00	11,748,034	5,963,058
SPECIALTIES	00	7,250,427	4,055,108
SMOKED:			
BONELESS	00	224,897	73,179
OTHER	00	395,754	125,346
MEAL AND SCRAP	TONS	5,095	688,984
OIL	GALLONS	674,067	237,897
KINGFISH:			
STEAKS, FRESH AND FROZEN	POUNDS	(1)	(1)
SMOKED	00	(1)	(1)
LAKE TROUT:			
FILLETS:			
FRESH	00	106,218	85,291
FROZEN	00	64,520	51,191
SMOKED	00	201,200	158,408
LINGCOD:			
FILLETS:			
FRESH	00	947,378	220,662
FROZEN	00	800,035	201,253
STEAKS, FROZEN	00	(1)	(1)
SMOKED	00	(1)	(1)
LUMPFISH, CAVIAR	STANDARD CASES	(1)	(1)
MACKEREL:			
ATLANTIC:			
FILLETS, FRESH AND FROZEN	POUNDS	(1)	(1)
SALTED	00	803,400	324,242
SMOKED	00	76,006	46,623
JACK:			
CANNED	STANDARD CASES	842,372	5,227,573
DRIED	POUNDS	46,130	32,435
SMOKED	00	(1)	(1)
PACIFIC:			
CANNED	STANDARD CASES	378,002	2,332,027
SMOKED	POUNDS	574	443
MENHADEN:			
MEAL AND SCRAP	TONS	239,707	26,249,566
OIL	GALLONS	31,015,655	10,059,899
SOLUBLES	TONS	85,200	4,120,050
MULLET:			
FILLETS, FROZEN	POUNDS	55,200	16,780
CANNED	STANDARD CASES	(1)	(1)
SALTED:			
FISH	POUNDS	631,800	89,296
ROE	00	19,000	14,260
SMOKED	00	25,630	17,506
OCEAN PERCH:			
ATLANTIC FILLETS:			
FRESH	00	353,810	106,238
FROZEN	00	35,130,973	9,322,615
PACIFIC FILLETS:			
FRESH	00	1,814,307	396,466
FROZEN	00	3,384,790	803,897
MEAL AND SCRAP	TONS	(1)	(1)
OIL	GALLONS	(1)	(1)
PADDFISH, SMOKED	POUNDS	(1)	(1)
PIKE OR PICKEREL, FILLETS, FRESH OR FROZEN	00	(1)	(1)
POLLOCK:			
FILLETS:			
FRESH	00	46,235	21,690
FROZEN	00	1,146,690	265,853
CURED	00	3,583,868	627,804
ROCKFISH, FILLETS:	00	70,480	19,004
FRESH	00	3,659,997	764,642
FROZEN	00	1,489,615	336,252

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

GENERAL REVIEW

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MANUFACTURED FISHERY PRODUCTS, 1962 - Continued

ITEM		QUANTITY	VALUE
SABLEFISH:			
STEAKS, FROZEN	POUNDS	(1)	(1)
SALTED	DO	122,200	\$40,495
SMOKED	DO	3,449,968	2,564,381
KIPPERED	DO	379,293	245,058
SALMON:			
FILLETS, FROZEN	DO	4,000	3,400
STEAKS, FROZEN	DO	1,471,075	1,108,552
CANNED:			
CHUNOK OR KING	STANDARD CASES	115,777	4,989,399
CHUM OR KETA	DO	750,577	16,934,651
PINK	DO	1,934,525	46,690,987
RED OR SOCKEYE	DO	836,712	32,785,684
SILVER OR COHD	DO	157,360	5,076,926
STEELHEAD	DO	5,785	234,211
TOTAL	DO	3,800,736	106,711,838
SMOKED AND KIPPERED	DO	1,134	92,498
CAVIAR	DO	4,569	355,339
EGGS FOR BAIT	DO	15,065	816,862
SPECIALTIES	DO	327	20,600
SALTED:			
MILD-CURED	POUNDS	4,203,400	4,037,843
PICKLED	DO	190,300	136,390
CAVIAR	DO	330,970	191,242
EGGS, FOR FOOD AND BAIT	DO	428,300	125,780
SMOKED	DO	10,807,855	16,261,364
KIPPERED	DO	1,015,226	1,186,494
OIL	GALLONS	9,648	22,522
SARDINES, PACIFIC:			
CANNED	STANDARD CASES	137,064	1,299,979
SALTED	DO	(1)	(1)
MEAL AND SCRAP	TONS	702	73,250
OIL	GALLONS	21,519	10,442
SAUGER, FILLETS:			
FRESH	POUNDS	539,000	437,510
FROZEN	DO	160,000	110,900
SCUP OR PORGY, FILLETS, FRESH	DO	(1)	(1)
SEA BASS FILLETS AND STEAKS, FRESH AND FROZEN	DO	235,116	158,345
SEA TROUT:			
FILLETS, FRESH AND FROZEN	DO	86,300	32,211
SPECIALTIES	DO	2,585	1,905
SHAD:			
FILLETS, FRESH	DO	(1)	(1)
CANNED:			
FISH	STANDARD CASES	14,494	167,714
ROE	DO	2,597	249,623
SMOKED	POUNDS	79,200	22,790
SHARK:			
SMOKED	DO	(1)	(1)
OIL, LIVER	GALLONS	(1)	(1)
SMELT:			
FILLETS, FRESH AND FROZEN	POUNDS	(1)	(1)
SMOKED	DO	(1)	(1)
SNAPPER, RED:			
FILLETS:			
FRESH	DO	96,635	77,114
FROZEN	DO	440,865	323,308
STEAKS:			
FRESH	DO	15,458	9,828
FROZEN	DO	71,590	5,764
SPECIALTIES	DO	(1)	(1)
SPANISH MACKEREL, FILLETS, FROZEN	DO	1,500,080	472,017
STRIPED BASS, FILLETS, FRESH	DO	(1)	(1)
STURGEON:			
CANNED:			
SMOKED	STANDARD CASES	516	42,115
SPECIALTIES	DO	(1)	(1)
SMOKED	POUNDS	1,440,757	3,544,590
SWORDFISH:			
STEAKS, FROZEN	DO	1,067,160	610,477
SMOKED	DO	(1)	(1)
TUNA:			
FROZEN SPECIALTIES	DO	901,021	194,611
CANNED:			
ALBACORE	STANDARD CASES	4,784,554	63,691,978
LIGHT MEAT (INCLUDING TONNO)	DO	12,233,374	146,128,660
TOTAL	DO	17,017,928	209,820,638

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

GENERAL REVIEW

MANUFACTURED FISHERY PRODUCTS, 1962 - Continued

ITEM		QUANTITY	VALUE
TUNA - CONTINUED:			
CANNED - CONTINUED:			
SPECIALTIES	STANDARD CASES	64,338	\$796,035
SMOKED AND DRIED	POUNDS	137,532	135,444
TUNALIKE, (BONITO) CANNED	STANDARD CASES	31,935	212,550
WAHOO:			
CANNED	DD	(1)	(1)
SMOKED	POUNDS	(1)	(1)
WARSAW, FILLETS AND STEAKS, FRESH AND FROZEN	DD	15,535	4,922
WHITE BASS:			
FILLETS:			
FRESH	DD	87,000	46,250
FROZEN	DD	35,000	17,050
WHITEFISH:			
FILLETS:			
FRESH	DD	411,151	331,500
FROZEN	DD	154,040	107,730
CANNED:			
FISH	STANDARD CASES	(1)	(1)
CAVIAR	DD	2,389	157,205
SMOKED	POUNDS	3,131,061	2,473,516
WHITE PERCH, SPECIALTIES, FROZEN	DD	(1)	(1)
WHITING:			
FILLETS:			
FRESH	DD	7,760	1,759
FROZEN	DD	3,172,345	639,009
SMOKED	DD	402,700	162,415
WOLFFISH, FILLETS:			
FRESH	DD	24,355	8,455
FROZEN	DD	290,966	105,469
YELLOW PERCH, FILLETS:			
FRESH	DD	3,472,103	1,355,055
FROZEN	DD	1,169,442	449,077
YELLOW PIKE, FILLETS:			
FRESH	DD	624,246	636,817
FROZEN	DD	560,880	379,697
CRABS:			
BLUE, HARD (INCLUDES ROCK CRABS):			
FRESH AND FROZEN, COOKED MEAT	DD	16,601,736	16,546,748
FROZEN RAW MEAT	DD	(1)	(1)
FROZEN SPECIALTIES:			
DEVILED	DD	4,558,641	3,641,193
OTHER	DD	2,779,347	2,014,131
CANNED:			
REGULAR	STANDARD CASES	46,460	958,473
SPECIALTIES	DD	8,042	136,368
BACK SHELLS, CLEANED AND POLISHED	POUNDS	24,125	30,540
DUNGENESS:			
FRESH AND FROZEN COOKED MEAT	DD	2,858,609	3,844,644
FROZEN SECTIONS	DD	1,116,200	463,250
CANNED:			
REGULAR	STANDARD CASES	30,246	972,162
SPECIALTIES	DD	94	6,602
KING:			
FRESH AND FROZEN:			
COOKED MEAT	POUNDS	5,360,700	5,967,500
SECTIONS	DD	1,619,300	970,350
FROZEN SPECIALTIES	DD	(1)	(1)
CANNED	STANDARD CASES	211,529	5,895,387
TANNER MEAT, FRESH	POUNDS	5,500	3,230
STONE CLAWS, COOKED, FRESH AND FROZEN	DD	40,800	34,700
MEAL AND SCRAP	TONS	11,083	457,536
CRAWFISH SPECIALTIES:			
FROZEN	POUNDS	11,641	4,306
CANNED	STANDARD CASES	778	23,128
LOBSTERS:			
NORTHERN:			
FRESH AND FROZEN COOKED MEAT	POUNDS	957,743	2,824,663
FROZEN WHOLE	DD	(1)	(1)
FROZEN SPECIALTIES	DD	148,308	156,126
CANNED SPECIALTIES	STANDARD CASES	8,030	214,233
SPINY, FRESH AND FROZEN COOKED (WHOLE AND TAILS)	POUNDS	2,453,931	1,788,562

SEE FOOTNOTE AT END OF TABLE.

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GENERAL REVIEW

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MANUFACTURED FISHERY PRODUCTS, 1962 - Continued

ITEM	QUANTITY	VALUE
SHRIMP:		
FRESH AND FROZEN:		
RAW HEADLESS	POUNDS	
PEELED (INCLUDING DEVEINED):	51,177,327	\$47,213,618
RAW	DO	18,128,620
COOKED	DO	3,138,653
BREADED (RAW AND COOKED)	DO	76,802,666
SPECIALTIES	DO	5,514,029
CANNED:		
REGULAR	STANDARD CASES	883,278
SPECIALTIES	DO	5,490
CURED:		
DRIED	POUNDS	371,684
SMOKED	DO	(1)
MEAL AND SCRAP	TONS	298
ABALONE, FROZEN:		
STEAKS:		
NOT BREADED	POUNDS	394,568
BREADED	DO	(1)
SPECIALTIES	DO	(1)
CLAMS:		
SHUCKED, FRESH OR FROZEN:		
HARD (INCLUDING SURF, PISMO, AND OCEAN QUAHOG WHOLE AND MINCED)	GALLONS	2,374,019
RAZOR	DO	11,936
SOFT	DO	300,774
FROZEN SPECIALTIES	POUNDS	2,632,393
CANNED:		
WHOLE AND MINCED:		
HARD, SOFT, AND SURF	STANDARD CASES	586,938
RAZOR (INCLUDES COCKLES IN ALASKA)	DO	11,941
CHOWDER AND JUICE (HARD, SOFT, AND SURF)	DO	1,501,180
SPECIALTIES	DO	49,858
CONCH MEAT:		
FROZEN	POUNDS	(1)
CANNED MEAT	STANDARD CASES	5,715
MUSSELS, SEA:		
FROZEN	POUNDS	(1)
CANNED	STANDARD CASES	(1)
MUSSEL SHELL BUTTONS (FRESH-WATER)	GROSS	769,594
OYSTERS:		
EASTERN:		
SHUCKED, FRESH AND FROZEN	GALLONS	3,865,263
STEAMED	POUNDS	445,900
FROZEN:		
BREADED	DO	2,329,331
SPECIALTIES	DO	138,682
CANNED:		
REGULAR	STANDARD CASES	243,538
SPECIALTIES (BISQUE, STEW, AND SOUP)	DO	14,438
SHELL PRODUCTS:		
CRUSHED SHELL FOR POULTRY GRIT	TONS	352,529
LIME, BURNED OR UNBURNED	DO	61,713
PACIFIC:		
SHUCKED, FRESH AND FROZEN	GALLONS	1,183,413
BREADED	POUNDS	(1)
CANNED:		
REGULAR	STANDARD CASES	77,967
SPECIALTIES:		
SMOKED	DO	1,098
SOUPS AND STEWS	DO	146,577
SHELL PRODUCTS:		
CRUSHED SHELL FOR POULTRY GRIT	TONS	19,561
LIME BURNED AND UNBURNED	DO	1,853
WESTERN OYSTERS SHUCKED	GALLONS	4,642
SCALLOPS:		
BAY:		
SHUCKED FRESH	DO	345,303
FROZEN	POUNDS	13,980
SEA, FRESH AND FROZEN, MEATS	DO	7,880,659
BREADED:		
RAW	DO	2,115,589
COOKED	DO	10,816,644
SPECIALTIES	DO	1,543,440

SEE FOOTNOTE AT END OF TABLE.

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GENERAL REVIEW

MANUFACTURED FISHERY PRODUCTS, 1962 - Continued

ITEM	QUANTITY	VALUE
SQUID:		
FROZEN:		
NATURAL	POUNDS (1)	(1)
IN TOMATO SAUCE	DO (1)	(1)
CANNED	STANDARD CASES 147,787	\$631,638
TERRAPIN AND TURTLE (SOUP AND CHOWDER)	DO 18,755	301,140
WHALE:		
MEAT, FROZEN	POUNDS 4,313,200	367,734
MEAL	TONS 1,438	160,678
OIL:		
SPERM	GALLONS 70,891	57,060
OTHER	DO 271,410	120,590
UNCLASSIFIED:		
PACKAGED FRESH AND FROZEN:		
FISH:		
FILLETS AND STEAKS, RAW, NOT BREADED	POUNDS 746,950	375,932
STICKS, BREADED:		
RAW	DO 5,415,765	2,046,811
COOKED	DO 66,601,460	26,029,413
FILLETS, STEAKS, AND PORTIONS, BREADED, RAW AND COOKED)	DO 77,308,057	27,641,413
PORTIONS, RAW, NOT BREADED	DO 2,379,272	833,044
FISH AND SHELLFISH SPECIALTIES	DO 13,714,563	9,635,172
CANNED:		
FISH:		
CAKES	STANDARD CASES 64,178	659,362
CEFILTEFISH	DO 276,873	5,041,375
OTHER	DO 86,246	2,232,225
ANIMAL FOOD	DO 7,826,774	45,866,224
SHELLFISH, MISCELLANEOUS (CHOWDERS, GUMBO, AND UNCLASSIFIED SHELLFISH IN SOUP AND STEWS)	DO 3,528	56,118
CURED, SMOKED (INCLUDING SALTED)	POUNDS 315,022	162,552
MEAL AND SCRAP:		
TUNA AND MACKEREL	TONS 26,559	2,578,761
UNCLASSIFIED	DO 25,130	3,084,770
OIL:		
BODY:		
TUNA AND MACKEREL	GALLONS 667,766	235,528
UNCLASSIFIED	DO 488,118	185,148
LIVER	DO 5,814	40,819
FISH SOLUBLES AND HOMOGENIZED CONDENSED FISH	TONS 38,747	2,483,098
MARINE PEARL SHELL BUTTONS	GRSSS 951,140	1,904,488
OTHER (AGAR-AGAR, FISH FEED PELLETS, ANIMAL FEED, GLUE, IRISH MOSS EXTRACT, KELP PRODUCTS, MUSSEL SHELL CHIPS, LIME AND DUST, ETC.)	-	13,880,669
GRAND TOTAL	-	958,824,526

1/ INCLUDED WITH UNCLASSIFIED ITEMS.

NOTE.--SOME OF THE ABOVE ITEMS HAVE BEEN MANUFACTURED FROM RAW PRODUCTS IMPORTED FROM FOREIGN COUNTRIES; THEREFORE, THE PRODUCTION CANNOT BE CORRELATED DIRECTLY WITH THE CATCH. CERTAIN ITEMS, SUCH AS PICKLED ALWEIFVES, MILD CURED SALMON AND STEAMED OYSTERS, ETC., ARE SHOWN IN AN INTERMEDIATE AND ALSO IN A MORE ADVANCED STAGE OF PROCESSING. THE LIME AND POULTRY FEED MANUFACTURED FROM SHELL PRODUCTS WERE PRODUCED FROM LIVE AND REEF MOLLUSK SHELLS THAT ARE NOT INCLUDED IN THE CATCH STATISTICS.



GENERAL REVIEW

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SUMMARY OF MANUFACTURED PRODUCTS, 1962

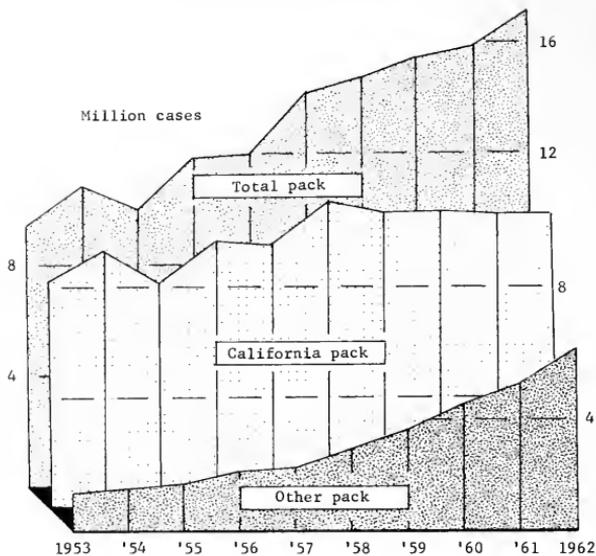
(THOUSAND DOLLARS)

ITEM		QUANTITY	VALUE
PACKAGED PRODUCTS, FRESH AND FROZEN:			
FISH:			
NOT BREADED:			
FILLETS AND STEAKS, RAW.	1,000 POUNDS	171,528	\$59,306
OTHER (INCLUDES WHALE MEAT FOR ANIMAL FEEDING).	DO	7,420	1,566
BREADED, RAW AND COOKED:			
STICKS	DO	72,215	30,076
FILLETS, PORTIONS, AND STEAKS.	DO	77,488	27,641
SHELLFISH:			
NOT BREADED.	DO	163,316	158,438
BREADED.	DO	96,623	76,488
SPECIALTIES, FISH AND SHELLFISH.	DO	38,729	26,019
TOTAL FRESH AND FROZEN	DO	647,319	379,534
CANNED FISH AND SHELLFISH:			
FISH, SHELLFISH, ETC., FOR HUMAN CONSUMPTION	DO	757,302	410,183
SALMON EGGS FOR BAIT	DO	723	817
ANIMAL FOOD.	DO	375,685	45,866
TOTAL BAIT AND ANIMAL FOOD	DO	376,408	46,683
TOTAL CANNED	DO	1,133,710	456,866
CURED FISH AND SHELLFISH:			
SALTED AND PICKLED	DO	30,763	12,334
SMOKED	DO	33,111	33,505
LUTEFISK	DO	565	161
DRIED.	DO	541	747
TOTAL CURED.	DO	64,980	46,747
INDUSTRIAL PRODUCTS:			
MEAL AND SCRAP (2,000 POUNDS PER TON).	DO	624,516	35,573
OIL, BODY AND LIVER (7.5 POUNDS PER GALLON).	DO	250,002	11,002
FISH SOLUBLES AND HOMOGENIZED CONDENSED FISH	DO	249,298	6,635
OYSTER SHELL LIME AND POULTRY GRIT	DO	871,312	5,889
MARINE PEARL SHELL AND MUSSEL SHELL BUTTONS.	1,000 GROSS	1,741	2,668
OTHER (AGAR-AGAR, FISH FEED PELLETS, ANIMAL FEEDS, GLUE, IRISH MOSS EXTRACT, KELP PRODUCTS, LIQUID FERTILIZER, MUSSEL SHELL LIME, OYST. AND CHIPS, PEARL ESSENCE AND CRAB SHELLS).	-	-	13,911
TOTAL INDUSTRIAL PRODUCTS.	-	-	75,678
GRAND TOTAL.	-	-	958,825

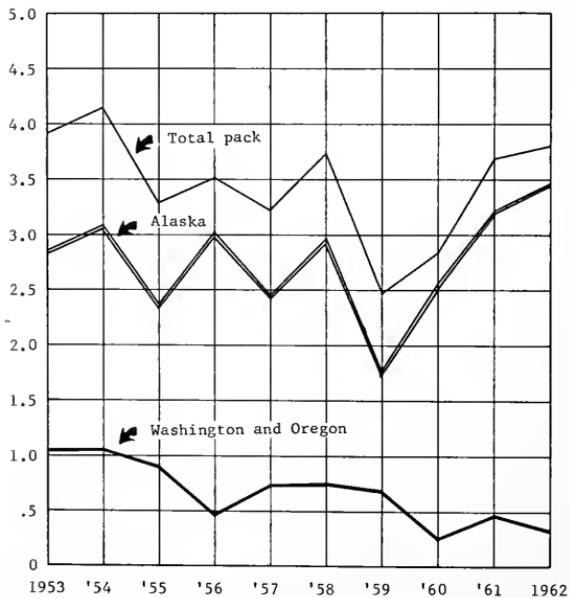


GENERAL REVIEW

U.S. CANNED TUNA PACK, 1953-62



U.S. PACK OF CANNED SALMON, 1953-62



CANNED FISHERY PRODUCTS

The 1962 pack of canned fishery products by 373 plants in the United States, American Samoa; and Puerto Rico amounted to 36.8 million standard cases (1.1 billion pounds) valued at \$456.9 million to the packers. Compared with 1961, production was up 3.4 million cases (91.0 million pounds) and \$34.0 million. The increases resulted mainly from larger packs of Maine sardines, tuna, shrimp, and animal food. Salmon also contributed to the larger volume.

The pack for human consumption (757.3 million pounds) was 48.6 million pounds above that of 1961. The production of bait and animal food (376.4 million pounds) was 42.4 million pounds larger than that in 1961. The value of three items--salmon, tuna, and animal food--accounted for 79 percent of the total gross amount received by producers of canned fishery products in 1962. Animal food containing less than 10 pounds of fish per standard case of 48 pounds (4,838,739 standard cases valued at \$17,056,610 in 1962) has been excluded from the tabulations.

Tuna. The 1962 pack totaled a record 17.0 million cases (335.5 million pounds) valued at a new high of \$210 million. Compared with 1961, this was an increase of 1.2 million cases (24.9 million pounds) and \$20.6 million. The pack has shown continuous growth during the past 9 consecutive years (from 9.4 million cases in 1953) reflecting the increased consumption of canned tuna in the United States.

Domestic landings were down in 1962 due to a decline in the important yellowfin catch and a 5-week period of price disputes that slowed unloadings of vessels. The record supply of tuna for canning resulted from the largest imports of frozen tuna (including loins and discs), in the history of the domestic industry.

Salmon. The 1962 pack of salmon amounted to 3.8 million cases (182.4 million pounds) valued at \$106.7 million. Although the pack was 104,000 cases larger than in 1961, the value was down \$10.2 million. In 1961, high-priced red (sockeye) salmon dominated the pack, while in 1962 the pack shifted to the less expensive pink salmon. Together with a general case price decline, this resulted in an overall decrease in the value of the total pack.

In Alaska, the pack was the largest since 1952. An excellent run of pink salmon in Central Alaska provided some of the richest fishing in many years and more than compensated in volume for the sharp decline in the catch of red salmon in Western Alaska. The Northern District of Southeastern Alaska produced poorly while fishing in the Ketchikan area was fair. Virtually no pink salmon were taken in Puget Sound waters and the expected "failure" of the Fraser River red salmon run became a reality.

Mackerel. The 1962 pack of mackerel (1.2 million cases valued at \$7.6 million), although 158,000 cases smaller than in 1961, was the third largest since 1952. There was no fishing during a 5-week period of ex-vessel price disputes, and at times canners curtailed mackerel purchases or imposed nightly catch limits during periods of peak production. Mackerel were abundant in Southern California waters during most of the year, and fishing was good.

Sardines. The 1962 pack of Pacific sardines (137,000 cases valued at \$1.3 million) was the third smallest since World War I. The fishery, once the largest in the United States in volume of catch, almost reached the vanishing point in 1962. Sardines just failed to appear in appreciable numbers.



GENERAL REVIEW

The Maine sardine industry made a remarkable recovery from the disastrous season of the previous year. The pack increased from 754,000 cases valued at only \$7.6 million in 1961 to 2.1 million cases valued at \$20.1 million--a level comparable to previous years. Fishing, very poor in 1961, was generally considered good in 1962. By late 1962, the Maine Sardine Council had reported that inventories were considered normal and that the industry was regaining domestic consumer markets lost to imported products in 1961.

Clams. The 1962 pack of clams and clam products amounted to 2.1 million cases valued at \$17 million--an increase of 196,000 cases and \$1.3 million. Whole and minced clams accounted for 29 percent of the pack; chowders and juices, 71 percent.

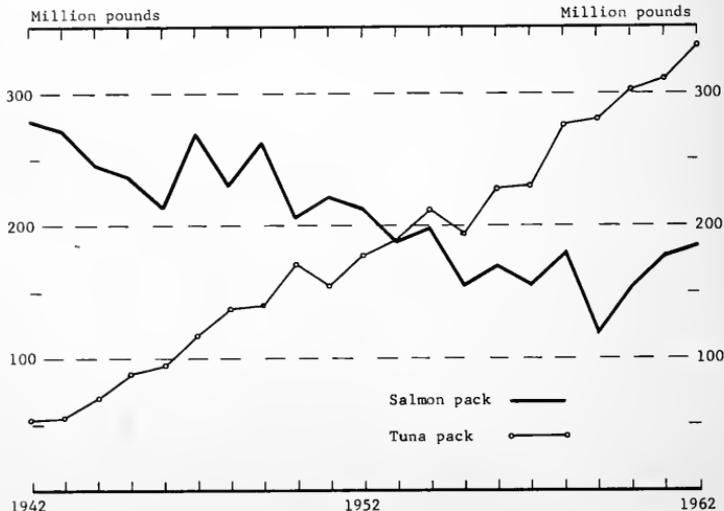
Shrimp. The 1962 pack of shrimp amounted to 883,000 cases valued at \$19.0 million. Compared with 1961, production was up 43 percent in volume and 62 percent in value. The increase occurred in the Gulf States with Louisiana showing the largest gain. On the Pacific Coast, the pack was less than in 1961. Supplies were consistent in that area, but the cost of preparation diverted shrimp from canning to freezing.

Crabs. A record pack of 288,000 cases of crab meat valued at an alltime high of \$7.8 million was canned in 1962. Compared with 1961, this was an increase of 31,000 cases and \$599,311. The pack of blue crabs along the Atlantic and Gulf Coasts was up 13,000 cases. The pack of king crabs in Alaska was up 34,000 cases. However, Dungeness crabs were scarce (almost to the point of failure), and the pack was well below that of 1961.

Oysters. The 1962 oyster pack totaled 322,000 cases valued at \$4.6 million compared with 446,000 cases valued at \$5.8 million in 1961. Production of oyster specialties (smoked, stew, bisque, and soup) amounted to 162,000 cases compared with 141,000 cases in 1961. The catch of oysters in 1962 was the smallest ever recorded.

Animal food. The 1962 pack of animal food containing 10 pounds or more of raw fish per standard case (48 one pound cans) amounted to 7.8 million cases valued at \$45.9 million. Not included in the tabulations is a canned pack containing less than 10 pounds of fish per case, amounting to 4.8 million cases valued at \$17.1 million.

PACK OF SALMON AND TUNA, 1942-62



GENERAL REVIEW

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SUMMARY OF PRODUCTION, BY COMMODITIES, 1962

PRDDUCT	NUMBER OF PLANTS	STANDARD CASES	POUNDS PER CASE	POUNDS	VALUE
CANNED PRODUCTS:					
FOR HUMAN CONSUMPTION:					
SALMON	108	3,800,736	48	162,435,328	\$106,711,658
SARDINES	32	2,147,367	23.4	50,248,388	20,076,606
MAINE	13	137,064	45	6,167,680	1,299,979
TUNA:					
SOLID	31	4,188,261	21	87,953,481	59,741,323
CHUNKS	26	11,042,929	19.5	215,391,324	135,830,615
FLAKES AND GRATED	27	1,786,738	18	32,161,284	14,248,700
TOTAL	<u>1/</u> 33	17,017,928	-	335,506,089	209,820,638
TUNALIKE FISH (BONITO)					
ALEWIVES	7	31,935	19.5-18	609,818	212,550
MACKEREL	9	61,368	45	2,761,560	273,616
SHAD	13	1,220,374	45	54,916,830	7,559,600
FISH CAKES (PRINCIPALLY GROUND FISH)	9	14,494	45	652,230	167,714
GEFILTEFISH	4	64,178	48	3,080,544	859,362
SALMON, SMOKED AND KIPPERED	5	276,673	48	13,289,904	5,041,375
STURGEON, SMOKED AND KIPPERED	25	1,134	48	54,432	92,498
TUNA SPECIALTIES	11	516	48	24,768	42,115
ANCHOVIES	11	64,338	48	3,088,224	796,035
ANCHOVY PASTE	3	16,414	31.25	512,936	62,677
MISCELLANEOUS FISH SPECIALTIES	4	1,373	48	65,904	99,257
FISH ROE AND CAVIAR	12	79,317	48	3,807,216	1,343,017
TOTAL FISH	26	62,522	48	3,001,056	2,342,334
TOTAL FISH	-	24,997,931	-	660,223,109	356,801,231
CRAB MEAT					
CRAB MEAT SPECIALTIES	41	288,235	19.5	5,620,582	7,826,022
LOBSTER MEAT AND SPECIALTIES	11	8,136	48	390,528	146,990
SHRIMP	8	8,030	48	385,440	214,233
SHRIMP SPECIALTIES	46	883,278	15	<u>2/</u> 13,249,170	18,973,182
TOTAL CRAB AND SHRIMP	11	5,490	48	263,520	171,800
CLAMS AND PRODUCTS:					
WHOLE	12	12,833	15	192,495	220,726
MINCED	23	586,046	15	<u>3/</u> 8,790,690	6,865,514
CHOWDER	16	1,398,834	30	<u>3/</u> 41,965,020	9,481,823
JUICE	11	102,346	30	<u>3/</u> 3,070,380	546,836
TOTAL	<u>1/</u> 40	2,100,059	-	<u>3/</u> 54,018,585	17,114,899
CLAM SPECIALTIES					
CONCH MEAT	15	49,858	48	2,393,184	828,839
OYSTERS	3	5,715	48	274,320	118,240
OYSTER SPECIALTIES:	26	321,505	14	<u>2/</u> 4,501,070	4,556,815
SMOKED	7	1,098	48	52,704	116,722
STEW	8	159,022	48	7,633,056	2,271,528
BISQUE AND SOUP	6	1,993	48	95,664	30,108
SQUID	12	147,787	48	7,093,776	631,638
TURTLE MEAT, SOUP, AND STEW	8	18,755	48	900,240	301,140
MISCELLANEOUS SHELLFISH SPECIALTIES	9	4,308	48	206,688	79,246
TOTAL SHELLFISH	-	4,003,267	-	97,078,527	53,361,402
TOTAL FOR HUMAN CONSUMPTION	-	29,001,198	-	757,301,636	410,182,633
BAIT AND ANIMAL FOOD:					
ANIMAL FOOD	55	7,826,774	48	375,685,152	45,866,224
SALMON EGGS FOR BAIT	8	15,065	48	723,120	816,862
TOTAL BAIT AND ANIMAL FOOD	<u>1/</u> 63	7,841,839	-	376,408,272	46,683,086
GRAND TOTAL	<u>1/</u> 373	36,843,037	-	1,133,709,908	456,865,719

1/ EXCLUSIVE OF DUPLICATION.

2/ DRAINED WEIGHT.

3/ "CUT OUT" OR "DRAINED" WEIGHTS OF CAN CONTENTS ARE GIVEN FOR WHOLE OR MINCED CLAMS, AND NET CAN CONTENTS FOR OTHER CLAM PRODUCTS.

NOTE:--LISTS OF CANNERS OF FISHERY PRODUCTS BY INDIVIDUAL COMMODITIES MAY BE OBTAINED FROM THE OFFICE OF INFORMATION, U.S. FISH AND WILDLIFE SERVICE, WASHINGTON, D. C. 20240

GENERAL REVIEW

SUMMARY OF PRODUCTION, BY STATES, 1962

STATE	CANNED FISHERY PRODUCTS	
	POUNDS	VALUE
MAINE	120,071,315	\$31,297,642
MASSACHUSETTS, RHODE ISLAND, AND CONNECTICUT	26,265,604	3,383,460
NEW YORK	8,509,614	3,913,628
NEW JERSEY	35,387,262	12,697,134
PENNSYLVANIA AND DELAWARE	12,382,918	4,303,674
MARYLAND, AMERICAN SAMOA, HAWAII, AND PUERTO RICO	114,324,139	67,520,773
VIRGINIA	7,365,336	1,033,079
NORTH AND SOUTH CAROLINA	2,067,153	1,653,348
FLORIDA, ALABAMA, AND TEXAS	1,312,353	1,756,497
MISSISSIPPI	153,148,869	16,977,150
LOUISIANA	10,883,960	14,330,332
ILLINOIS, KANSAS, MICHIGAN, NEBRASKA, OHIO, AND WISCONSIN	21,606,016	2,026,774
ALASKA	172,163,377	101,914,450
WASHINGTON	37,951,347	20,453,320
OREGON	35,101,153	19,517,047
CALIFORNIA	372,769,492	151,887,411
TOTAL	1,133,709,908	456,665,719

FACTORS USED TO CONVERT STANDARD CASES TO POUNDS

PRODUCT	PRIOR TO 1939	1939 AND 1940	1941	1942	1943
	POUNDS PER CASE	POUNDS PER CASE	POUNDS PER CASE	POUNDS PER CASE	POUNDS PER CASE
SARDINES:					
MAINE	25	25	25	20.3	20.3
PACIFIC	48	48	48	45	45
TUNA AND TUNALIKE FISHES:					
SOLID	24	24	21	22.5	22.5
CHUNKS	-	-	-	-	-
FLAKES	24	24	21	18	18
MACKEREL	48	48	48	45	45
ALEWIVES	48	48	48	48	45
ANCHOVIES	48	48	48	48	48
SHAD	48	48	48	48	48
FISH FLAKES	48	48	48	48	48
OYSTERS	15	15	15	22.5	22.5
SHRIMP, WET PACK	17.25	17.25	17.25	21	21
CLAM PRODUCTS:					
WHOLE AND MINCED	15	15	15	15	15
JUICE, CHOWDER, BROTH, ETC.	30	30	30	30	30
CRABS	48	39	39	39	39
ALL OTHERS	48	48	48	48	48

PRODUCT	1944 TO 1947	1948 TO 1951	1952	1953 TO 1957	1958 TO 1962
	POUNDS PER CASE	POUNDS PER CASE	POUNDS PER CASE	POUNDS PER CASE	POUNDS PER CASE
SARDINES:					
MAINE	20.3	20.3	20.3	20.3	23.4
PACIFIC	45	45	45	45	45
TUNA AND TUNALIKE FISHES:					
SOLID	21	21	21	21	21
CHUNKS	(1)	(1)	19.5	19.5	19.5
FLAKES	18	18	18	18	18
MACKEREL	45	45	45	45	45
ALEWIVES	45	45	45	45	45
ANCHOVIES	48	48	48	31.25	31.25
SHAD	45	45	45	45	45
FISH FLAKES	45	45	42	48	48
OYSTERS	22.5	14	14	14	14
SHRIMP, WET PACK	21	15	15	15	15
CLAM PRODUCTS:					
WHOLE AND MINCED	15	15	15	15	15
JUICE, CHOWDER, BROTH, ETC.	30	30	30	30	30
CRABS	39	19.5	19.5	19.5	19.5
ALL OTHERS	48	48	48	48	48

1/ PRIOR TO 1952 CHUNK PACK TUNA WAS INCLUDED WITH THE FLAKE PACK.

NOTE:--THE FACTORS LISTED ABOVE WERE USED IN CONVERTING THE STANDARD CASES REPORTED IN THE CANNED FISHERY PRODUCTS BULLETINS FOR THE YEARS INDICATED.

GENERAL REVIEW

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PLANTS PRODUCING CANNED FISHERY PRODUCTS, 1962

AREA AND STATE	NUMBER OF PLANTS
NEW ENGLAND:	
MAINE	41
MASSACHUSETTS	6
RHODE ISLAND	1
CONNECTICUT	1
TOTAL	49
MIDDLE ATLANTIC:	
NEW YORK	9
NEW JERSEY	15
PENNSYLVANIA	7
DELAWARE	1
TOTAL	32
CHESAPEAKE BAY:	
MARYLAND	5
VIRGINIA	10
TOTAL	15
SOUTH ATLANTIC AND GULF:	
NORTH CAROLINA	5
SOUTH CAROLINA	3
FLORIDA	4
ALABAMA	1
MISSISSIPPI	14
LOUISIANA	24
TEXAS	3
TOTAL	54
GREAT LAKES AND MISSISSIPPI RIVER:	
ILLINOIS	2
KANSAS	1
MICHIGAN	1
NEBRASKA	1
OHIO	2
WISCONSIN	3
TOTAL	10
PACIFIC COAST:	
ALASKA	104
WASHINGTON	61
OREGON	18
CALIFORNIA	26
TOTAL	209
HAWAII	1
AMERICAN SAMOA	1
PUERTO RICO	2
GRAND TOTAL	373

GENERAL REVIEW

PACK OF SALMON, BY STATES, 1962

(STANDARD CASES)

SPECIES AND CAN SIZE	ALASKA			WASHINGTON			OREGON			TOTAL
	CASES	VALUE	CASES	VALUE	CASES	VALUE	CASES	VALUE		
CHINOOK OR KING:										
1 CHINOOK TALL	14,676	\$507,370	2,227	\$46,543	1/1,532	\$72,473	18,435	\$626,386		
1/2 POUND FLAT	32,235	1,237,260	9,174	396,436	50,720	2,430,540	92,130	4,064,235		
6 1/2 OUNCE FLAT	10	400					10	400		
1/4 POUND FLAT	1,111	62,220	671	54,619	2,665	164,198	4,667	281,037		
4 POUND TALL	102	2,690	433	14,450			535	17,940		
TOTAL	46,135	1,610,140	12,705	512,048	54,937	2,667,211	115,777	4,989,399		
CHUM OR KETA:										
1/2 POUND TALL	602,178	13,491,950	30,810	658,009	4,039	75,590	637,027	14,225,549		
1/2 POUND FLAT	69,358	1,693,650	14,335	355,678	294	7,438	83,967	2,056,766		
1/4 POUND FLAT	2	80					2	80		
4 POUND TALL	20,133	431,980	9,428	220,276			29,961	652,256		
TOTAL	691,671	15,617,660	54,573	1,233,963	4,333	83,028	750,577	16,934,651		
PINK:										
1 POUND TALL	1,020,447	36,203,760	23,649	532,694			1,644,096	36,736,654		
1/2 POUND FLAT	187,267	5,394,240	26,814	756,634			214,101	6,150,674		
4 POUND TALL	70,745	1,744,140	3,380	59,319			76,323	1,803,459		
TOTAL	1,678,462	45,342,140	56,043	1,348,647			1,934,525	46,690,967		
RED OR SOCKEYE:										
1 POUND TALL	450,338	15,124,120	2,163	71,275			452,501	15,195,395		
1/2 POUND FLAT	271,729	11,674,500	55,025	2,752,943	508	27,001	327,262	14,654,444		
6 1/2 OUNCE FLAT	20,499	2,060					49	2,050		
1/4 POUND FLAT	20,399	1,105,520	24,758	1,411,707	352	25,490	45,509	2,537,717		
4 POUND TALL	7,782	258,760	3,609	135,306			11,391	374,068		
TOTAL	750,297	28,364,960	65,555	4,371,233	860	49,491	836,712	32,765,664		
SILVER OR COHO:										
1 POUND TALL	60,537	1,778,883	7,453	221,153	102	2,866	68,092	2,002,902		
1/2 POUND FLAT	26,096	911,961	15,071	547,366	6,862	234,100	49,249	1,692,469		
6 1/2 OUNCE FLAT	9	300					12,434	537,953		
1/4 POUND FLAT			6,073	247,762	6,361	230,191	12,434	537,953		
4 POUND TALL	16,990	565,716	8,566	277,245			27,576	842,962		
TOTAL	106,232	3,256,020	37,763	1,293,742	13,345	527,157	157,360	5,076,926		
STEELHEAD:										
1 POUND TALL								1,500		
1/2 POUND FLAT								93,269		
1/4 POUND FLAT								139,442		
TOTAL								3,281		
GRAND TOTAL	3,474,817	94,390,920	246,659	8,759,640	79,260	3,561,098	3,600,735	106,711,656		

NOTE: -- INCLUDES A SMALL QUANTITY IN OVAL CANS.

1/1 -- STANDARD CASES -- REPRESENT THE VARIOUS SIZE CASES CONVERTED TO THE EQUIVALENT OF FORTY EIGHT 1 POUND CANS, EACH CONTAINING 16 OUNCES. SALMON WERE CANNED IN 27 PLANTS IN WASHINGTON, 10 IN OREGON, AND 71 IN ALASKA. THE PACK OF SMOKED SALMON IS INCLUDED IN THE TABLE MISCELLANEOUS CANNED PRODUCTS.

GENERAL REVIEW

WASHINGTON AND OREGON SALMON PACK, BY DISTRICTS, 1962

(STANDARD CASES)

SPECIES	PUGET SOUND		COLUMBIA RIVER		COASTAL		TOTAL	
	CASES	VALUE	CASES	VALUE	CASES	VALUE	CASES	VALUE
CHINOOK OR KING.	2,672	\$70,940	64,437	\$3,096,600	333	\$9,719	67,642	\$3,179,299
CHUM OR KETA.	53,044	1,197,924	5,355	109,600	507	9,467	58,906	1,316,991
PINK.	56,043	1,348,847	-	-	-	-	56,043	1,348,847
RED OR SOCKEYE.	84,218	4,299,700	1,289	72,534	908	48,490	86,415	4,420,724
SILVER OR COHO.	35,788	1,214,960	15,178	599,361	162	6,585	51,128	1,820,906
STEELHEAD.	-	-	5,785	234,211	-	-	5,785	234,211
TOTAL.	231,965	8,132,371	92,044	4,114,306	1,910	74,261	325,919	12,320,938

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZE CASES CONVERTED TO THE EQUIVALENT OF FORTY-EIGHT 1 POUND CANS, EACH CONTAINING 16 OUNCES.

PUGET SOUND SALMON PACK, BY ORIGIN OF FISH, 1962

(STANDARD CASES)

SPECIES	PUGET SOUND FISH	CANADIAN FISH	ALASKAN FISH	TOTAL FISH
	CASES	CASES	CASES	CASES
CHINOOK OR KING.	2,687	-	185	2,872
CHUM OR KETA.	7,578	13,922	31,544	53,044
PINK.	168	-	55,875	56,043
RED OR SOCKEYE.	72,320	-	11,898	84,218
SILVER OR COHO.	20,391	-	15,397	35,788
TOTAL.	103,144	13,922	114,899	231,965

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZE CASES CONVERTED TO THE EQUIVALENT OF FORTY-EIGHT 1 POUND CANS, EACH CONTAINING 16 OUNCES.

PACK OF MAINE SARDINES, 1962 1/

STYLE OF PACK	STANDARD CASES	VALUE	CAN CONTENTS AND CASE SIZE	ACTUAL CASES	VALUE
IN SOYBEAN OIL.	1,819,566	\$16,911,512	3-3/4 OUNCES NET (100 CANS)	2,066,463	\$19,722,027
IN MUSTARD SAUCE.	277,332	2,670,874	12 OUNCES NET (48 CANS) . . .	19,434	203,286
IN TOMATO SAUCE.	26,539	199,267	15 OUNCES NET (48 CANS) . . .	16,123	151,293
OTHER (IN OLIVE OIL, PEANUT OIL, AND WITH CHILE PEPPERS).	23,930	294,953			
TOTAL.	2,147,367	20,076,606	TOTAL	2,122,020	20,076,606

1/ INCLUDES SEA HERRING.

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZE CASES CONVERTED TO THE UNIFORM BASIS OF ONE HUNDRED 1/4 OIL CANS (3-3/4 OUNCES NET) TO THE CASE. SARDINES WERE CANNED IN 32 PLANTS IN MAINE.

PACK OF PACIFIC SARDINES, 1962

STYLE OF PACK	STANDARD CASES	VALUE	CAN CONTENTS AND CASE SIZE	ACTUAL CASES	VALUE
IN TOMATO SAUCE 1/	84,668	\$882,614	1 POUND CAN:		
IN MUSTARD SAUCE.	21,232	205,129	15 OUNCES NET, OVAL		
WITHOUT SAUCE 1/	31,164	212,236	(48 CANS)	96,849	\$917,705
			15 OUNCES NET, TALL		
			(48 CANS)	32,076	215,058
			OTHER SIZES CONVERTED TO		
			STANDARD CASES	8,139	167,216
TOTAL.	137,064	1,299,979	TOTAL	137,064	1,299,979

1/ INCLUDES SMALL QUANTITIES OF FILLETS.

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZE CASES CONVERTED TO THE UNIFORM BASIS OF FORTY-EIGHT 1 POUND CANS, EACH CONTAINING 15 OUNCES NET WEIGHT. SARDINES WERE CANNED IN 13 PLANTS IN CALIFORNIA.

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PACK OF TUNA, 1962

(STANDARD CASES)

SPECIES	CALIFORNIA		WASHINGTON AND OREGON		ATLANTIC COAST, HAWAII, AND TERRITORIES		TOTAL	
	CASES	VALUE	CASES	VALUE	CASES	VALUE	CASES	VALUE
ALBACORE: SOLID PACK . . .	965,949	\$13,544,921	677,508	\$10,482,256	1,091,588	\$15,953,569	2,755,045	\$39,980,746
CHUNKS . . .	795,789	10,476,510	60,986	793,929	571,663	7,583,418	1,428,438	18,853,857
FLAKES AND GRATED . . .	212,819	1,674,891	130,679	1,104,633	257,573	2,077,851	601,071	4,857,375
TOTAL . . .	1,994,557	25,696,322	869,173	12,380,818	1,920,824	25,614,838	4,784,554	63,691,978
LIGHT MEAT: SOLID PACK 1/2 CHUNKS . . .	1,045,660	14,561,218	19,240	232,725	368,316	4,966,634	1,433,216	19,760,577
FLAKES AND GRATED . . .	6,662,942	80,860,133	555,683	5,906,250	2,395,866	30,210,375	9,614,491	116,976,758
TOTAL . . .	808,005	6,358,341	27,093	209,942	350,569	2,823,042	1,185,667	9,391,325
TOTAL . . .	8,516,607	101,779,692	602,016	6,348,917	3,114,751	38,000,051	12,233,374	146,128,660
GRAND TOTAL . . .	10,511,164	127,476,014	1,471,189	18,729,735	5,035,575	63,614,889	17,017,928	209,820,638

1/2 INCLUDES THE PACK OF TONNO.

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZE CASES CONVERTED TO THE EQUIVALENT OF FORTY-EIGHT NO. 1/2 TUNA CANS TO THE CASE, EACH CONTAINING 7 OUNCES NET WEIGHT OF SOLID PACK, 6-1/2 OUNCES NET WEIGHT OF CHUNKS, AND 6 OUNCES NET WEIGHT OF FLAKES OR GRATED. DIETETIC AND BABY FOOD TUNA PACKS ARE INCLUDED IN THESE TOTALS. TUNA WERE CANNED IN 13 PLANTS IN CALIFORNIA, 7 PLANTS IN OREGON, 5 PLANTS IN WASHINGTON, 2 PLANTS EACH IN PUERTO RICO AND MARYLAND, AND 1 PLANT EACH IN MAINE, PENNSYLVANIA, AMERICAN SAMOA, AND HAWAII. DATA ON THE PACK OF TUNA SPECIALTIES CAN BE FOUND IN THE TABLE OF MISCELLANEOUS CANNED FISHERY PRODUCTS. THE PACK OF TUNA FOR ANIMAL FOOD IS NOT INCLUDED IN THE ABOVE TABLE.

PACK OF TUNA, BY CAN SIZES, 1962

CAN AND CASE SIZE	ACTUAL CASES	VALUE
4 POUND (12 CANS)	169,070	\$4,254,135
1 POUND (48 CANS)	415,110	9,611,448
1/2 POUND (48 CANS)	13,803,707	168,076,424
1/4 POUND (48 CANS)	987,366	8,495,618
4 OUNCES (100 CANS)	69,655	1,053,183
9-1/4 OUNCES (24 CANS)	2,001,700	18,028,472
OTHER SIZES (CONVERTED TO STANDARD CASES)	43,051	301,358
TOTAL	17,491,659	209,820,638

PACK OF TUNALIKE FISHES, 1962

SPECIES	STANDARD CASES	VALUE
TUNALIKE FISH (BONITO), CHUNKS AND FLAKES	31,935	\$212,550

NOTE:--"STANDARD CASES" REPRESENT THE EQUIVALENT OF FORTY-EIGHT NO. 1/2 TUNA CANS TO THE CASE, EACH CONTAINING 6-1/2 OUNCES NET WEIGHT OF CHUNKS, AND 6 OUNCES NET WEIGHT OF FLAKES OR GRATED. TUNALIKE FISHES WERE CANNED IN 7 PLANTS IN CALIFORNIA.



GENERAL REVIEW

PACK OF ALEWIVES, 1962

STATE AND NUMBER OF PLANTS	STANDARD CASES	VALUE
MARYLAND (1), AND NORTH CAROLINA (2)	3,862	\$18,308
VIRGINIA (6)	57,906	255,308
TOTAL (9)	61,368	273,616

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZE CASES CONVERTED TO THE EQUIVALENT OF FORTY-EIGHT CANS OF 15 OUNCES EACH.

PACK OF MACKEREL, 1962

ITEM	STANDARD CASES	VALUE
JACK MACKEREL:		
NATURAL	662,436	\$3,904,894
IN TOMATO SAUCE	179,936	1,322,679
TOTAL	842,372	5,227,573
PACIFIC MACKEREL:		
NATURAL	365,622	2,232,564
IN TOMATO SAUCE	12,380	99,463
TOTAL	378,002	2,332,027
GRAND TOTAL	1,220,374	7,559,600

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZE CASES CONVERTED TO THE EQUIVALENT OF FORTY-EIGHT CANS OF 15 OUNCES EACH. MOST OF THE PACK WAS CANNED IN 15 OUNCE CANS. MACKEREL WERE CANNED IN 13 PLANTS IN CALIFORNIA.

PACK OF ANCHOVIES, 1962

STYLE OF PACK	STANDARD CASES	VALUE
ANCHOVIES, IN TOMATO SAUCE AND WITHOUT SAUCE.	16,414	\$62,677

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZE CASES CONVERTED TO THE UNIFORM BASIS OF 100 CANS, EACH CAN CONTAINING 5 OUNCES. ANCHOVIES WERE CANNED IN 3 PLANTS IN CALIFORNIA.

PACK OF SHAD, 1962

STATE AND NUMBER OF PLANTS	STANDARD CASES	VALUE
OREGON (4)	9,479	\$115,054
WASHINGTON (2), VIRGINIA (1), AND NORTH CAROLINA (2)	5,015	52,660
TOTAL (9)	14,494	167,714

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZE CASES CONVERTED TO THE EQUIVALENT OF FORTY-EIGHT CANS OF 15 OUNCES EACH.

PACK OF ANIMAL FOOD FROM FISHERY PRODUCTS, 1962

STATE AND NUMBER OF PLANTS	STANDARD CASES	VALUE	CAN CONTENTS AND CASE SIZE	ACTUAL CASES	VALUE
MAINE (3)	1,015,129	\$5,847,773	6 OUNCES NET (48 CANS)	354,781	\$1,456,807
MASSACHUSETTS (3)	512,026	2,269,658	6-1/4 OUNCES NET (48 CANS)	165,419	757,246
NEW JERSEY (1), AND PENN- SYLVANIA (3)	41,285	152,061	8-OUNCES NET (48 CANS)	4,067,096	16,203,690
MARYLAND (2), VIRGINIA (2), AND NORTH CAROLINA (1)	119,694	826,659	15 OUNCES NET (48 CANS)	3,758,866	16,028,509
ILLINOIS (2), KANSAS (1), NEBRASKA (1), OHIO (1), AND WISCONSIN (2)	448,430	1,821,458	16 OUNCES NET (48 CANS)	1,799,991	8,720,642
MISSISSIPPI (5)	3,131,617	14,902,758	OTHER SIZES CONVERTED TO STAN- DARD CASES (16 OUNCES NET- 48 CANS)	263,624	2,699,330
WASHINGTON (3)	143,205	1,264,404			
OREGON (5)	199,994	1,317,574			
CALIFORNIA (16), AMERICAN SAMOA (1), PUERTO RICO (2), AND HAWAII (1)	2,215,394	17,463,659			
TOTAL (55)	7,826,774	45,866,224	TOTAL	10,429,977	45,866,224

NOTE:--EACH STANDARD CASE CONTAINS 10 OR MORE POUNDS OF FISH. AN ADDITIONAL PACK (4,838,739 STANDARD CASES VALUED AT \$17,056,610) HAD LESS THAN 10 POUNDS OF FISH PER STANDARD CASE AND IS NOT INCLUDED IN THE ABOVE PACK OF 7,826,774 STANDARD CASES. "STANDARD CASES" REPRESENT THE VARIOUS SIZE CASES CONVERTED TO THE EQUIVALENT OF FORTY-EIGHT CANS, EACH CONTAINING 16 OUNCES.

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PACK OF FISH ROE AND CAVIAR, 1962

PRODUCT AND NUMBER OF PLANTS	STANDARD CASES	VALUE	STATES OF PRODUCTION AND NUMBER OF PLANTS
ALEWIFE ROE (13)	43,769	\$631,517	MARYLAND (1), VIRGINIA (10), AND NORTH CAROLINA (3)
SHAD ROE (8)	2,597	249,623	MARYLAND (1), WASHINGTON (2), OREGON (4), AND CALIFORNIA (1)
SALMON CAVIAR (3)	4,569	355,339	NEW YORK (3)
WHITEFISH (4), LUMPFISH (1), STURGEON CAVIAR (1), AND GROUND FISH ROE (1)	11,587	1,105,855	MASSACHUSETTS (1), NEW YORK (3), AND WISCONSIN (1)
TOTAL EDIBLE ROE AND CAVIAR (26) 1/	62,522	2,342,334	
SALMON EGGS FOR BAIT (8)	15,065	816,862	
GRAND TOTAL 1/ (34)	77,587	3,159,196	

1/ EXCLUSIVE OF DUPLICATION.

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZE CASES CONVERTED TO THE EQUIVALENT OF FORTY-EIGHT CANS, EACH CONTAINING 16 OUNCES.

PACK OF FISH ROE AND CAVIAR, BY STATES, 1962

STATE AND NUMBER OF PLANTS	STANDARD CASES	VALUE
MASSACHUSETTS (1), AND NEW YORK (3)	15,068	\$1,393,178
MARYLAND (1), AND VIRGINIA (10)	36,315	521,152
NORTH CAROLINA (3)	7,538	119,650
WASHINGTON (10)	15,402	849,101
CALIFORNIA (1), OREGON (4), AND WISCONSIN (1)	3,264	276,115
TOTAL (34)	77,587	3,159,196

PACK OF CRAB MEAT, 1962

STATE AND NUMBER OF PLANTS	SPECIES	STANDARD CASES	VALUE	CAN CONTENTS AND CASE SIZE	ACTUAL CASES	VALUE
ATLANTIC AND GULF STATES: MAINE (1), NORTH CAROLINA (1), AND SOUTH CAROLINA (1)	BLUE 1/	46,460	\$958,473	6-1/2 OUNCES NET (24 CANS)	121,764	\$1,406,416
LOUISIANA (1), MISSISSIPPI (2), AND TEXAS (1)				6-1/2 OUNCES NET (48 CANS)	15,247	430,895
				7-1/2 OUNCES NET (24 CANS)	232,465	4,422,840
				16 OUNCES NET (24 CANS)	15,393	562,207
TOTAL (7)			OTHER SIZES CONVERTED TO STANDARD CASES	59,052	1,003,664	
		46,460	958,473	TOTAL	443,921	7,826,022
PACIFIC COAST: WASHINGTON (7), AND OREGON (3)	DUNGENESS AND KING DUNGENESS KING	38,218	1,083,479	GRAND TOTAL	443,921	7,826,022
ALASKA (11)				16,445	577,120	
ALASKA (17)				187,112	5,206,950	
TOTAL, EXCLUSIVE OF DUPLICATION (34)				241,775	6,867,549	
GRAND TOTAL (41)		288,235	7,826,022			

1/ INCLUDES A SMALL QUANTITY OF ROCK CRABS PACKED IN MAINE.

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZE CASES CONVERTED TO THE EQUIVALENT OF FORTY-EIGHT CANS TO THE CASE, EACH CONTAINING 6-1/2 OUNCES.

GENERAL REVIEW

PACK OF CLAMS AND CLAM PRODUCTS, 1962

(STANDARD CASES)

SPECIES	WHOLE AND MINCED		CHOWDER AND JUICE		TOTAL	
	CASES	VALUE	CASES	VALUE	CASES	VALUE
CLAMS: HARD, SOFT, AND SURF	566,938	\$6,806,009	1,501,160	\$10,028,659	2,068,118	\$16,837,468
RAZOR CLAMS (INCLUDES COCKLES IN ALASKA)	11,941	277,431	-	-	11,941	277,431
TOTAL	598,879	7,086,240	1,501,160	10,028,659	2,100,059	17,114,899

NOTE:--CLAMS WERE CANNED IN 8 PLANTS IN WASHINGTON, 8 PLANTS IN NEW JERSEY, 5 PLANTS IN MAINE, 6 PLANTS IN ALASKA, 3 PLANTS IN OREGON, 2 PLANTS EACH IN NEW YORK, PENNSYLVANIA, AND CALIFORNIA, AND 1 PLANT EACH IN MASSACHUSETTS, RHODE ISLAND, CONNECTICUT, AND DELAWARE. "STANDARD CASES" REPRESENT THE VARIOUS SIZE CASES CONVERTED TO THE EQUIVALENT OF 48 NO. 1 PICNIC CANS, EACH CAN OF WHOLE OR MINCED CLAMS CONTAINING 5 OUNCES OF MEAT, DRAINED WEIGHT; AND EACH CAN OF CHOWDER, JUICE, BROTH, BOUILLON, OR NECTAR, 10 OUNCES NET CONTENT. THE PACK OF CLAMS CANNED IN THE SHELL IS NOT INCLUDED IN THIS TABLE.

CLAM PRODUCTION, BY TYPE OF PACK, 1962

PRODUCT AND NUMBER OF PLANTS	STANDARD CASES	POUNDS	VALUE
CLAMS: WHOLE (12)	12,833	192,495	220,726
MINCED (23)	586,046	8,790,690	6,865,514
CHOWDER (16)	1,398,834	41,865,620	9,481,823
JUICE (INCLUDES BOUILLON, BROTH, AND NECTAR) (11)	102,346	3,070,360	546,836
TOTAL 1/ (40)	2,100,059	54,018,565	17,114,899

1/ EXCLUSIVE OF DUPLICATION.

PACK OF OYSTERS, 1962

STATE AND NUMBER OF PLANTS	STANDARD CASES	VALUE	CAN CONTENTS AND CASE SIZE	ACTUAL CASES	VALUE
ATLANTIC AND GULF STATES; SOUTH CAROLINA (2), AND WEST COAST OF FLORIDA (1)	49,000	\$745,700	ATLANTIC AND GULF STATES: 4-2/3 OUNCES (24 CANS)	472,059	\$3,336,514
LOUISIANA (8)	144,976	1,936,377	4-2/3 OUNCES (48 CANS)	4,237	63,336
MISSISSIPPI (10)	49,562	675,811	6-1/2 OUNCES (24 CANS)	39,069	391,366
TOTAL (21)	243,538	3,359,888	6-1/2 OUNCES (48 CANS)	18,674	349,593
			OTHER SIZES CONVERTED TO STANDARD CASES	26,021	416,006
PACIFIC STATES: WASHINGTON (4), AND OREGON (1)	77,967	1,196,927	TOTAL	562,060	4,556,815
GRAND TOTAL (26)	321,505	4,556,815	GRAND TOTAL	562,060	4,556,815

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZE CASES CONVERTED TO THE EQUIVALENT OF FORTY-EIGHT CANS TO THE CASE, EACH CAN CONTAINING 4-2/3 OUNCES DRAINED WEIGHT.



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PACK OF SHRIMP, 1962

STATE AND NUMBER OF PLANTS	STANDARD CASES	VALUE	CAN CONTENTS AND CASE SIZE	ACTUAL CASES	VALUE
GULF STATES:					
MISSISSIPPI (11)	139,033	\$3,345,361	4-1/2 OUNCES (24 CANS) 5 OUNCES (24 CANS) OTHER SIZES (CONVERTED TO STANDARD CASES)	1,406,547 455,617 22,524	\$13,619,721 4,661,552 691,909
LOUISIANA (16)	573,321	12,260,620			
WEST COAST OF FLORIDA (1), ALABAMA (1), AND TEXAS (3)	70,153	1,575,056			
TOTAL (34)	782,507	17,181,039	TOTAL	1,684,688	16,973,182
PACIFIC STATES:					
WASHINGTON (2), AND OREGON (2)	16,767	330,303			
ALASKA (6)	81,984	1,461,840			
TOTAL (12)	100,771	1,792,143			
GRAND TOTAL (46)	883,278	18,973,182			

NOTE:—"STANDARD CASES" REPRESENT THE VARIOUS SIZE CASES CONVERTED TO THE EQUIVALENT OF FORTY-EIGHT CANS TO THE CASE, EACH CONTAINING 5 OUNCES.

PACK OF MISCELLANEOUS FISHERY PRODUCTS, 1962

PRODUCT	STANDARD CASES	VALUE	LOCATION AND NUMBER OF PLANTS
FISH:			
ANCHOVY PASTE	1,373	\$99,257	NEW YORK (2), MICHIGAN (1), AND MARYLAND (1)
CAKES (PRINCIPALLY GROUND FISH)	64,176	659,362	MAINE (1), MASSACHUSETTS (1), NEW JERSEY (1), AND VIRGINIA (1)
GFILTEFISH	276,673	5,041,375	NEW YORK (2), AND NEW JERSEY (3)
SALMON, SMOKED AND KIPPERED	1,134	92,498	WASHINGTON (10), OREGON (4), CALIFORNIA (1), AND ALASKA (16)
STURGEON, SMOKED AND KIPPERED	516	42,115	WASHINGTON (6), AND OREGON (5)
TUNA SPECIALTIES (WITH NOODLES, VEGETABLES, SAUCES AND SMOKED)	64,338	796,035	MAINE (1), PENNSYLVANIA (1), WASHINGTON (2), OREGON (2), CALIFORNIA (4), AND PUERTO RICO (1)
OTHER FISH SPECIALTIES (PACIFIC HERRING, MULLET, WAHOO, WHITE- FISH, SALTED CODFISH, SALTED HALIBUT, SALMON LIVERS, AND OTHER FISH IN APPETIZERS, CREAMED, FLAKES, SPREADS, AND CHOWDER	79,317	1,343,017	MAINE (4), MASSACHUSETTS (1), NEW JERSEY (1), EAST COAST OF FLORIDA (1), WEST COAST OF FLORIDA (1), WASHINGTON (1), OREGON (1), CALI- FORNIA (1), AND PUERTO RICO (1)
TOTAL FISH	467,729	6,273,659	
SHELLFISH:			
CRAB SPECIALTIES (COCKTAIL, DEVILED, DIP, SOFT SHELL, SOUP, SPREAD, AND SMOKED)	8,136	146,990	MAINE (1), NEW JERSEY (1), MARYLAND (2), SOUTH CAROLINA (1), LOUISIANA (1), WASHINGTON (2), AND OREGON (3)
LOBSTER SPECIALTIES (MEAT, KNUCKLES, THERMIDOR, SPREAD, SOUPS AND STEWS)	8,030	214,233	MAINE (1), CONNECTICUT (1), NEW YORK (1), NEW JERSEY (3), PENNSYLVANIA (1), AND MARYLAND (1)
SHRIMP SPECIALTIES (DIP, COCK- TAILS, PICKLED, SOUPS AND STEW)	5,490	171,800	MAINE (1), NEW JERSEY (2), PENNSYLVANIA (1), MARYLAND (2), LOUISIANA (3), AND OREGON (2)
CLAM SPECIALTIES (DIP, CAKES, SPREAD, SAUCE, IN THE SHELL, SMOKED, AND SOUPS AND STEWS)	49,658	826,839	MAINE (2), MASSACHUSETTS (1), CONNECTICUT (1), NEW YORK (2), NEW JERSEY (2), DELAWARE (1), PENNSYLVANIA (1), MARYLAND (2), WASHINGTON (2), AND OREGON (1)
CONCH MEAT	5,715	116,240	NEW YORK (1), NEW JERSEY (1), AND DELAWARE (1)
OYSTER SPECIALTIES: SMOKED	1,096	116,722	WASHINGTON (6) AND OREGON (1)
STEW	159,022	2,271,526	NEW JERSEY (1), PENNSYLVANIA (1), SOUTH CAROLINA (1), WASHINGTON (4), AND OREGON (1)
BISQUE AND SOUP	1,993	30,108	NEW JERSEY (1), MARYLAND (1), LOUISIANA (3), AND WASHINGTON (1)
SQUID	147,767	631,638	NEW YORK (1), NEW JERSEY (1), AND CALIFORNIA (10)
TURTLE MEAT, SOUP AND STEW	16,755	301,140	NEW JERSEY (1), PENNSYLVANIA (2), OHIO (1), WEST COAST OF FLORIDA (1), AND LOUISIANA (3)
OTHER SPECIALTIES (CONCH CHOW- DER, CRAWFISH BISQUE, MUSSELS, SCALLOPS IN SAUCE, AND UNCLAS- SIFIED SHELLFISH IN SOUPS AND STEW)	4,306	79,246	MAINE (2), CONNECTICUT (1), NEW YORK (1), NEW JERSEY (1), WEST COAST OF FLORIDA (1), AND LOUISIANA (3)
TOTAL SHELLFISH	410,190	4,910,484	
GRAND TOTAL	897,919	13,184,143	

GENERAL REVIEW

INDUSTRIAL FISHERY PRODUCTS

The production of industrial fishery products by 158 plants in the United States, American Samoa, and Puerto Rico in 1962 was valued at \$75.7 million. Compared with 1961, this was an increase of \$1.1 million.

Marine animal scrap and meal. A record 312,259 tons was produced in 1962--nearly 1,000 tons more than in 1961. Menhaden meal accounted for 77 percent of the total. Menhaden meal would have been produced in larger volume had not bad weather in the fall fishery in North Carolina caused an abrupt termination of operations in November. Producers of fish meal and scrap had a satisfactory year in 1962. Prices were good and well sustained, with markets showing considerable firmness despite the near record domestic production and the sharply increased volume of imports.

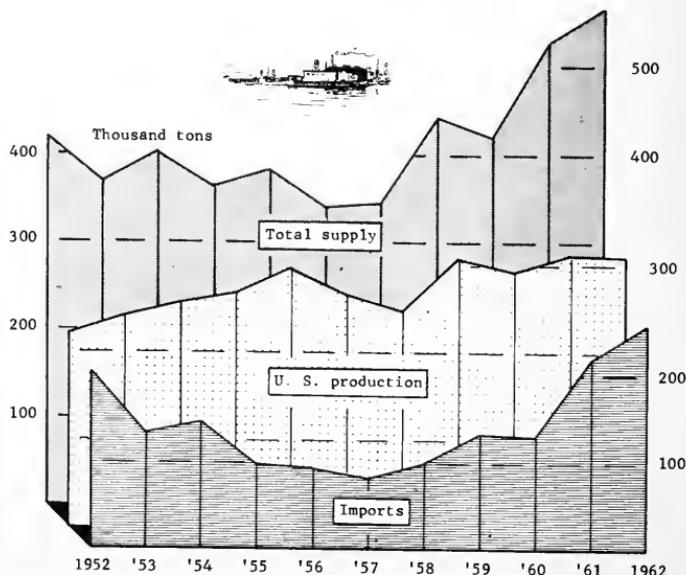
Marine animal oil. Over 33 million gallons were produced in 1962. Compared with 1961, this was a decrease of 1.1 million gallons. Menhaden oil (31 million gallons) accounted for 93 percent of the total. Unlike the meal market, there was some difficulty in marketing raw fish oil. The supply was reported as moderate, demand slow, and the market weak. All fats and oils markets reported as generally weak in 1962.

Solubles and homogenized condensed fish. Although production increased from 112,000 tons in 1961 to 125,000 tons in 1962, it was well below the 165,000 tons manufactured in 1959. Some solubles were incorporated into fish meal rather than being sold separately. Prices were good tending to follow those of fish meal.

Other industrial products. Products from oyster shells and buttons from fresh-water and marine mollusks shells were valued at \$8.6 million in 1962. Compared with the previous year, this was a decrease of \$805,000.

Other industrial products manufactured in 1962 included agar-agar, fish feed pellets and animal feeds, glue, Irish moss extract, kelp products, liquid fertilizer, mollusk shell lime, pearl essence, and crab shells valued at \$13.9 million. In the previous year, other industrial products were valued at \$13.4 million.

U. S. SUPPLY OF FISH MEAL, 1952-62



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SUMMARY OF PRODUCTION, BY COMMODITIES, 1962

PRODUCTS	NUMBER OF PLANTS	UNIT	QUANTITY	VALUE
MARINE ANIMAL SCRAP AND MEAL.	101	TONS	312,259	\$35,573,230
MARINE ANIMAL OILS:				
BODY OIL.	72	GALLONS	33,333,555	10,960,569
LIVER OIL.	3	DO	5,814	40,819
FISH SOLUBLES AND HOMOGENIZED CONDENSED FISH.	36	TONS	124,649	6,634,788
MARINE PEARL SHELL BUTTONS.	13	GROSS	951,140	1,904,488
MUSSEL SHELL BUTTONS.	7	DO	789,594	763,773
OYSTER SHELL GRIT AND LIME ("LIVE AND REEF SHELLS")	17	TONS	435,656	5,888,713
MISCELLANEOUS INDUSTRIAL PRODUCTS	19	-	-	13,911,209
TOTAL INDUSTRIAL PRODUCTS	1/ 158	-	-	75,677,549

1/ EXCLUSIVE OF DUPLICATION.

NOTE:--LISTS OF MANUFACTURERS OF FISHERY INDUSTRIAL PRODUCTS BY INDIVIDUAL COMMODITIES MAY BE OBTAINED FROM THE OFFICE OF INFORMATION, U.S. FISH AND WILDLIFE SERVICE, WASHINGTON, D. C. 20420

SUMMARY OF PRODUCTION, BY STATES, 1962

STATE	VALUE
MAINE	\$4,938,357
MASSACHUSETTS, RHODE ISLAND, AND CONNECTICUT.	3,372,514
NEW YORK.	2,900,094
NEW JERSEY.	7,422,870
PENNSYLVANIA AND DELAWARE.	4,717,395
MARYLAND, AMERICAN SAMOA, AND PUERTO RICO.	1,833,423
VIRGINIA.	6,630,540
NORTH CAROLINA.	2,487,428
GEORGIA, FLORIDA, AND ALABAMA.	3,550,240
MISSISSIPPI.	5,019,094
LOUISIANA.	13,354,408
TEXAS.	3,347,262
ILLINOIS AND IOWA.	828,035
ALASKA.	547,900
WASHINGTON.	235,783
OREGON.	453,248
CALIFORNIA.	13,998,958
TOTAL.	75,677,549

PLANTS PRODUCING INDUSTRIAL FISHERY PRODUCTS, 1962

AREA AND STATE	NUMBER	AREA AND STATE	NUMBER
NEW ENGLAND:		SOUTH ATLANTIC AND GULF:	
MAINE.	14	NORTH CAROLINA.	13
MASSACHUSETTS.	5	GEORGIA.	1
RHODE ISLAND.	1	FLORIDA.	7
CONNECTICUT.	1	ALABAMA.	1
TOTAL.	21	MISSISSIPPI.	5
		LOUISIANA.	9
		TEXAS.	5
		TOTAL.	41
MIDDLE ATLANTIC:		MISSISSIPPI RIVER:	
NEW YORK.	4	ILLINOIS.	1
NEW JERSEY.	12	IOWA.	6
PENNSYLVANIA.	2	TOTAL.	7
DELAWARE.	3		
TOTAL.	21	PACIFIC COAST:	
		ALASKA.	1
CHESAPEAKE:		WASHINGTON.	10
MARYLAND.	8	OREGON.	4
VIRGINIA.	17	CALIFORNIA.	25
		TOTAL.	40
TOTAL.	25	AMERICAN SAMOA.	1
		PUERTO RICO.	2
		GRAND TOTAL.	158

GENERAL REVIEW

NUMBER OF PLANTS PRODUCING INDUSTRIAL FISHERY PRODUCTS, 1962

PRODUCTS	ATLANTIC AND GULF COASTS 1/	PACIFIC COAST 2/	TOTAL
	NUMBER	NUMBER	NUMBER
SCRAP AND MEAL, DRIED:			
ALEWIFE	6	-	6
CRAB:			
BLUE	15	-	15
OUNGENESS	-	2	2
OCEAN PERCH	1	-	1
HERRING, SEA	3	2	5
HORSESHOE CRAB	1	-	1
MENHADEN	33	-	33
SARDINE, PACIFIC	-	6	6
SHRIMP	3	2	5
TUNA AND MACKEREL	1	20	21
WHALE	-	3	3
UNCLASSIFIED	18	8	26
OIL:			
BODY:			
ALEWIFE	5	-	5
ANCHOVY	-	1	1
OCEAN PERCH	1	-	1
HERRING, SEA	2	-	4
MENHADEN	33	2	33
SALMON:			
EDIBLE	-	3	3
INDUSTRIAL	-	1	1
SARDINE, PACIFIC	-	7	7
TUNA AND MACKEREL	-	16	16
WHALE:			
SPERM	-	3	3
OTHER	-	3	3
UNCLASSIFIED	7	5	12
LIVER:			
COD	1	-	1
SHARK	1	-	2
UNCLASSIFIED	-	1	1
MUSSEL SHELL PRODUCTS (FRESH- WATER):			
BUTTONS	7	-	7
LIME AND CHIPS	2	-	2
OYSTER SHELL PRODUCTS:			
CRUSHED SHELL FOR POULTRY FEED	9	6	15
SHELL LIME:			
BURNED	2	-	2
UNBURNED	7	4	11
MARINE PEARL SHELL BUTTONS	13	-	13
AGAR-AGAR	-	1	1
FISH SOLUBLES AND HOMOGENIZED			
CONDENSED FISH	28	9	37
GLUE	1	-	1
IRISH MOSS EXTRACTS	2	-	2
KELP PRODUCTS	-	2	2
LIQUID FERTILIZER	-	2	2
PEARL ESSENCE	6	-	6
CRAB SHELLS (FOR DEVILED CRAB MEAT)	3	-	3
ANIMAL FEEDS	-	1	1
FISH FOOD PELLETS	-	1	1
TOTAL, EXCLUSIVE OF DUPLICATION	115	43	158

1/ INCLUDES FIRMS IN THE MISSISSIPPI RIVER AREA.

2/ INCLUDES AMERICAN SAMOA AND PUERTO RICO.

NOTE:--LISTS OF MANUFACTURERS OF INDUSTRIAL FISHERY PRODUCTS BY INDIVIDUAL COMMODITIES MAY BE OBTAINED FROM THE OFFICE OF INFORMATION, U.S. FISH AND WILDLIFE SERVICE, WASHINGTON 25, D.C.



GENERAL REVIEW

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PRODUCTION OF MARINE ANIMAL SCRAP AND MEAL, 1962

PRODUCT	ATLANTIC AND GULF COASTS		PACIFIC COAST AND TERRITORIES		TOTAL	
	TONS	VALUE	TONS	VALUE	TONS	VALUE
DRIED SCRAP AND MEAL:						
ALEWIFE	2,247	\$262,950	-	-	2,247	\$262,950
CRAB	1/11,063	1/457,536	(1)	(1)	11,063	457,536
HERRING	2,478	299,684	2,617	\$399,300	5,095	698,984
MENHADEN	239,707	28,249,566	-	-	239,707	28,249,566
SARDINE, PACIFIC	-	-	702	73,260	702	73,260
SHRIMP	1/298	1/16,725	(1)	(1)	298	16,725
TUNA AND MACKEREL	(2)	(2)	2/26,559	2/2,578,761	26,559	2,578,761
WHALE	-	-	1,438	160,678	1,438	160,678
UNCLASSIFIED	3/22,207	3/2,771,148	2,923	313,622	25,130	3,084,770
TOTAL	278,020	32,057,609	34,239	3,515,621	312,259	35,573,230

1/ A SMALL WEST COAST PRODUCTION IS INCLUDED WITH THE EAST COAST PRODUCTION.
 2/ A SMALL EAST COAST PRODUCTION IS INCLUDED WITH THE WEST COAST PRODUCTION.
 3/ INCLUDES THE PRODUCTION OF MEAL AND SCRAP FROM OCEAN PERCH AND HORSESHOE CRABS.

PRODUCTION OF MARINE ANIMAL OIL, 1962

PRODUCT	ATLANTIC AND GULF COASTS		PACIFIC COAST AND TERRITORIES		TOTAL	
	GALLONS	VALUE	GALLONS	VALUE	GALLONS	VALUE
BODY OIL:						
ALEWIFE	114,261	\$31,563	-	-	114,261	\$31,563
HERRING	(1)	(1)	1/674,087	1/237,897	674,087	237,897
MENHADEN	31,013,855	10,059,639	-	-	31,013,855	10,059,639
SALMON	-	-	9,648	22,522	9,648	22,522
SARDINE, PACIFIC	-	-	21,519	10,422	21,519	10,422
TUNA AND MACKEREL	-	-	667,766	235,528	667,766	235,528
WHALE:						
SPERM	-	-	70,891	57,060	70,891	57,060
OTHER	-	-	271,410	120,590	271,410	120,590
UNCLASSIFIED	422,886	165,544	2/65,232	2/19,604	488,118	185,148
TOTAL	31,553,002	10,256,946	1,780,553	708,623	33,333,555	10,960,569
LIVER OIL, (SHARK, MIXED)	(1)	(1)	1/5,814	1/40,819	5,814	40,819
GRAND TOTAL	31,553,002	10,256,946	1,786,367	744,442	33,339,369	11,001,388

1/ EAST COAST PRODUCTION INCLUDED WITH WEST COAST PRODUCTION.
 2/ INCLUDES ANCHOVY AND OCEAN PERCH OIL.

PRODUCTION OF FISH SOLUBLES AND HOMOGENIZED CONDENSED FISH, 1962

PRODUCT, STATE, AND NUMBER OF PLANTS	TONS	VALUE
FISH SOLUBLES:		
MAINE (2), MASSACHUSETTS (2), NEW YORK (1), NEW JERSEY (2), AND DELAWARE (1)	4,002	\$191,297
VIRGINIA (5)	23,286	1,044,318
NORTH CAROLINA (3), AND EAST COAST OF FLORIDA (1)	21,058	950,300
MISSISSIPPI (3) AND TEXAS (1)	5,461	327,654
LOUISIANA (5)	14,020	715,370
OREGON (1) AND CALIFORNIA (9)	24,614	1,230,710
OREGON (1) AND CALIFORNIA (9)	21,112	1,398,379
TOTAL (36)	113,553	5,858,028
HOMOGENIZED CONDENSED FISH: MASSACHUSETTS (1), AND RHODE ISLAND (1)	11,096	776,720
GRAND TOTAL (38)	124,649	6,634,748

NOTE:-- INCLUDES MENHADEN SOLUBLES.

GENERAL REVIEW

PRODUCTION OF MENHADEN PRODUCTS, 1962

STATE AND NUMBER OF PLANTS	DRY SCRAP AND MEAL		OIL		SOLUBLES		TOTAL
	TONS	VALUE	GALLONS	VALUE	TONS	VALUE	VALUE
MASSACHUSETTS (1), RHODE ISLAND (1), NEW YORK (1), NEW JERSEY (3), AND DELAWARE (2)	81,079	\$9,110,088	10,853,808	\$3,468,556	20,749	\$927,616	\$13,506,260
VIRGINIA (5)	33,648	4,220,000	3,260,600	878,860	20,356	916,700	6,017,560
NORTH CAROLINA (7)	12,925	1,615,625	1,209,382	367,001	4,560	273,594	2,276,220
FLORIDA (1), AND TEXAS (2)	14,907	1,610,643	1,206,149	357,072	4,619	249,233	2,417,148
MISSISSIPPI (3)	25,344	2,969,402	3,961,242	1,377,765	10,302	520,197	4,867,384
LOUISIANA (7)	71,804	8,523,608	10,524,674	3,590,565	24,614	1,230,710	13,344,883
TOTAL (33)	239,707	28,249,566	31,015,855	10,059,839	85,200	4,120,050	42,429,455

NOTE:--INCLUDES SMALL QUANTITIES OF OTHER SPECIES.

PRODUCTION OF OYSTER SHELL PRODUCTS, 1962

("LIVE AND REEF SHELLS")

STATE AND NUMBER OF PLANTS	POULTRY GRIT		LIME, BURNED AND UNBURNED		TOTAL	
	TONS	VALUE	TONS	VALUE	TONS	VALUE
NEW JERSEY (1), PENNSYLVANIA (1), MARYLAND (2), AND VIRGINIA (3)	55,192	\$1,024,540	24,820	\$192,061	80,012	\$1,216,601
FLORIDA (1), ALABAMA (1), AND TEXAS (2)	297,337	4,188,602	36,893	223,794	334,230	4,412,396
WASHINGTON (3), OREGON (1), AND CALIFORNIA (2)	19,561	241,526	1,853	18,188	21,414	259,716
TOTAL (17)	372,090	5,454,670	63,566	434,043	435,656	5,888,713

NOTE:--A QUANTITY OF BURNED LIME WAS PRODUCED IN VIRGINIA.

PRODUCTION OF FRESH-WATER MUSSEL SHELL BUTTONS, 1962

STATE AND NUMBER OF PLANTS	BUTTONS	
	GROSS	VALUE
IOWA (5), NEW YORK (1), AND NEW JERSEY (1)	789,594	\$763,773

NOTE:--VALUE OF THE PRODUCTION OF MUSSEL SHELL LIME, DUST AND COLORED CHIPS IS INCLUDED WITH MISCELLANEOUS FISHERY INDUSTRIAL PRODUCTS.

PRODUCTION OF MARINE PEARL SHELL BUTTONS, 1962

STATE AND NUMBER OF PLANTS	BUTTONS	
	GROSS	VALUE
CONNECTICUT (1), AND NEW YORK (2)	496,769	\$781,664
NEW JERSEY (7)	359,421	969,937
PENNSYLVANIA (1), DELAWARE (1), AND MARYLAND (1)	92,930	132,687
TOTAL (13)	951,140	1,904,488

PRODUCTION OF MISCELLANEOUS INDUSTRIAL FISHERY PRODUCTS, 1962

PRODUCTS	STATE AND NUMBER OF PLANTS	VALUE
AGAR-AGAR	CALIFORNIA (1)	\$13,911,209
FISH FEED PELLETS AND ANIMAL FEEDS	OREGON (1)	
GLUE	MASSACHUSETTS (1)	
IRISH MOSS EXTRACT	MAINE (2)	
KELP PRODUCTS	CALIFORNIA (2)	
LIQUID FERTILIZER	WASHINGTON (1), AND OREGON (1)	
FRESH-WATER MUSSEL SHELL LIME, DUST AND CHIPS	ILLINOIS (1), AND IOWA (1)	
PEARL ESSENCE	MAINE (6)	
CRAB SHELLS (FOR DEVILED CRAB MEAT)	WEST COAST FLORIDA (2), AND TEXAS (1)	



PACKAGED FISHERY PRODUCTS

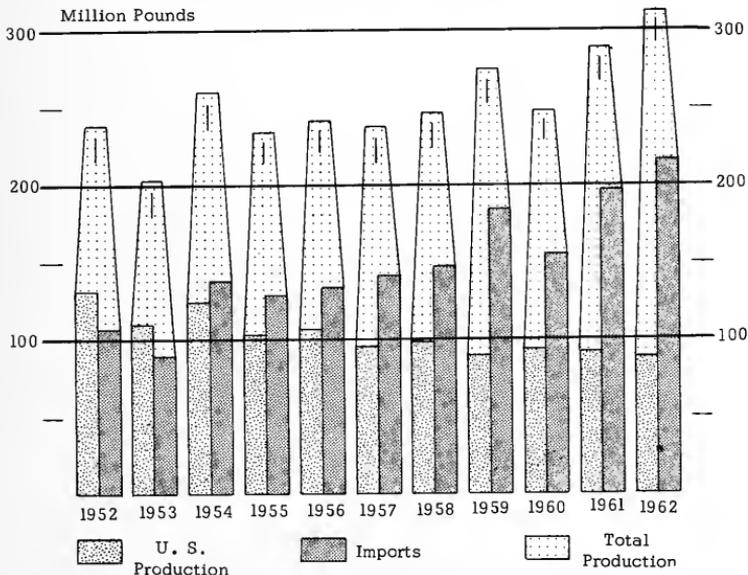
The production of fresh and frozen packaged fish fillets and steaks in the United States, excluding Alaska and Hawaii, during 1962 totaled 171.5 million pounds valued at \$59.3 million to the processors. This was an increase of 13.4 million pounds and \$7.5 million compared with 1961. It was estimated that round fish weighing 465.8 million pounds were required for the 1962 production of packaged fillets and steaks.

Haddock fillets (41.6 million pounds), flounder fillets (38.2 million pounds), and Atlantic ocean perch fillets (35.5 million pounds) were the leading items and accounted for 68 percent of the total volume and 64 percent of the total value. Other leading items filleted and steaked were cod and halibut. The largest production of packaged fish occurred in the New England area and accounted for 69 percent of the volume and 61 percent of the total value.

Preliminary data on the production of packaged fish during 1962 have been previously published in Current Fishery Statistics No. 3141.



SUPPLY OF GROUND FISH FILLETS, 1952 - 62



GENERAL REVIEW

SUMMARY OF PRODUCTION OF PACKAGED FISH, 1962

ITEM	FILLET'S		STEAKS		TOTAL	
	<u>POUNDS</u>	<u>VALUE</u>	<u>POUNDS</u>	<u>VALUE</u>	<u>POUNDS</u>	<u>VALUE</u>
FRESH	71,586,251	\$26,620,046	620,626	\$148,100	72,206,877	\$26,768,146
FROZEN	87,645,965	25,830,435	11,675,536	6,707,984	99,321,501	32,538,419
TOTAL	159,232,216	52,450,481	12,296,162	6,856,084	171,528,378	59,306,565

PRODUCTION OF FRESH AND FROZEN PACKAGED FISH, BY SECTIONS, 1962

SPECIES	NEW ENGLAND		MIDDLE ATLANTIC		SOUTH ATLANTIC AND GULF	
	<u>POUNDS</u>	<u>VALUE</u>	<u>POUNDS</u>	<u>VALUE</u>	<u>POUNDS</u>	<u>VALUE</u>
COD	6,968,456	\$1,989,712	3,183,633	\$1,363,029	-	-
CUSK	318,075	99,474	-	-	-	-
FLOUNDERS	26,019,388	8,881,068	4,789,419	2,480,467	-	-
GROUPERS	-	-	-	-	627,101	\$296,642
HADDOCK	40,012,004	13,439,263	1,540,540	731,020	-	-
HAKE	256,031	74,768	44,500	16,775	-	-
HALIBUT	579,310	297,525	-	-	-	-
OCEAN PERCH, ATLANTIC	35,484,783	9,428,853	-	-	-	-
POLLOCK	4,710,458	885,814	22,100	7,843	-	-
SALMON	34,250	42,784	-	-	-	-
SNAPPER, RED	-	-	-	-	560,548	416,014
SPANISH MACKEREL	-	-	-	-	1,500,080	472,017
SWORDFISH	169,160	84,997	-	-	-	-
WHITING	3,180,125	640,768	-	-	-	-
WOLFFISH	315,341	113,944	-	-	-	-
MISCELLANEOUS	23,000	6,600	169,500	97,460	608,835	233,974
TOTAL	118,084,381	35,985,570	9,749,692	4,696,594	3,296,564	1,418,647

SPECIES	GREAT LAKES		PACIFIC COAST	
	<u>POUNDS</u>	<u>VALUE</u>	<u>POUNDS</u>	<u>VALUE</u>
COD	-	-	1,084,052	\$265,893
FLOUNDERS	-	-	7,389,398	2,735,380
HALIBUT	-	-	9,345,543	5,527,522
HERRING, LAKE	121,700	\$16,945	-	-
LAKE TROUT	172,738	136,482	-	-
LINGCOD	-	-	1,749,463	422,545
OCEAN PERCH, PACIFIC	-	-	5,199,997	1,202,363
PIKE OR PICKEREL	46,235	21,690	-	-
ROCKFISHES	-	-	5,149,612	1,120,894
SALMON	-	-	1,420,825	1,069,168
SAUGER	699,000	548,410	-	-
SWORDFISH	-	-	898,000	525,480
WHITE BASS	122,000	63,300	-	-
WHITEFISH	565,191	439,230	-	-
YELLOW PERCH	4,641,545	1,804,132	-	-
YELLOW PIKE	1,386,126	1,016,714	-	-
MISCELLANEOUS	173,600	132,301	234,616	157,305
TOTAL	7,927,135	4,179,204	32,470,606	13,026,550



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PRODUCTION OF PACKAGED FISH, BY METHOD OF PREPARATION, 1962

SPECIES	FILLETS			
	FRESH		FROZEN	
	POUNDS	VALUE	POUNDS	VALUE
COD	7,771,868	\$2,771,496	2,651,125	\$708,553
CUSK	265,467	63,878	52,608	15,596
FLOUNDERS	24,781,945	9,772,967	13,416,250	4,329,948
GROUPERS	374,013	191,284	151,420	57,586
HADDOCK	24,081,792	8,803,097	17,470,752	5,367,186
HAKE	300,531	91,543	-	-
HALIBUT	2,560	2,082	1,582,876	1,209,769
HERRING, LAKE	105,200	13,550	16,500	3,395
LAKE TROUT	109,218	65,291	64,520	51,191
LINGCOD	947,378	220,662	800,035	201,253
OCEAN PERCH:				
ATLANTIC	353,810	106,238	35,130,973	9,322,615
PACIFIC	1,814,307	398,466	3,364,790	803,897
PIKE OR PICKEREL	36,235	16,990	10,000	4,700
POLLOCK	1,148,690	265,853	3,585,868	627,804
ROCKFISHES	3,659,997	784,642	1,489,615	336,252
SALMON	-	-	4,000	3,400
SAUGER	539,000	437,510	160,000	110,900
SNAPPER, RED	96,635	77,114	440,865	329,308
SPANISH MACKEREL	-	-	1,500,080	472,017
WHITE BASS	87,000	46,250	35,000	17,050
WHITEFISH	411,151	331,500	154,040	107,730
WHITING	7,780	1,759	3,172,345	639,009
WOLFFISH	24,355	8,455	290,966	105,489
YELLOW PERCH	3,472,103	1,355,035	1,169,442	449,077
YELLOW PIKE	824,246	636,817	560,880	379,897
MISCELLANEOUS	170,950	117,547	352,985	178,813
TOTAL	71,586,251	26,620,046	87,645,965	25,830,435

SPECIES	STEAKS, FRESH AND FROZEN		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE
	COD	612,128	\$138,585	11,236,141	$3,618,634
CUSK	-	-	318,075	99,474
FLOUNDERS	-	-	38,198,205	14,096,915
GROUPERS	101,568	37,772	67,101	295,642
HADDOCK	-	-	41,552,544	14,170,283
HAKE	-	-	300,531	91,543
HALIBUT	8,333,417	4,613,196	9,918,853	5,825,047
HERRING, LAKE	-	-	121,700	16,945
LAKE TROUT	-	-	172,738	136,482
LINGCOD	2,050	630	1,749,463	422,545
OCEAN PERCH:				
ATLANTIC	-	-	35,484,763	9,428,853
PACIFIC	-	-	5,199,097	1,202,363
PIKE OR PICKEREL	-	-	46,235	21,690
POLLOCK	-	-	4,732,558	893,657
ROCKFISHES	-	-	5,149,612	1,120,894
SALMON	1,471,075	1,108,552	1,475,075	1,111,952
SAUGER	-	-	699,000	548,410
SNAPPER, RED	23,048	15,592	560,548	416,014
SPANISH MACKEREL	-	-	1,500,080	472,017
SWORDFISH	1,067,160	610,477	1,067,160	610,477
WHITE BASS	-	-	122,000	63,300
WHITEFISH	-	-	565,191	439,230
WHITING	-	-	3,180,125	640,768
WOLFFISH	-	-	315,341	113,944
YELLOW PERCH	-	-	4,641,545	1,804,132
YELLOW PIKE	-	-	1,355,126	1,016,714
MISCELLANEOUS	685,615	331,280	1,209,551	627,640
TOTAL	12,296,162	6,856,084	171,528,378	59,306,565



GENERAL REVIEW

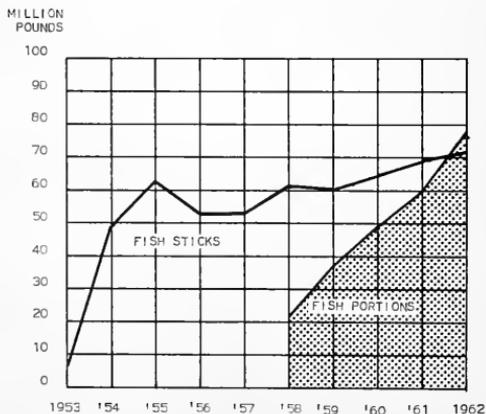
PRODUCTION OF FISH STICKS, 1962

MONTH	COOKED	RAW	TOTAL
	THOUSAND POUNDS	THOUSAND POUNDS	THOUSAND POUNDS
JANUARY	5,689	393	6,082
FEBRUARY	6,511	375	6,886
MARCH	7,223	435	7,658
APRIL	5,241	478	5,719
MAY	5,151	492	5,643
JUNE	4,698	419	5,117
JULY	3,319	421	3,740
AUGUST	5,350	410	5,760
SEPTEMBER	6,056	526	6,582
OCTOBER	6,138	560	6,698
NOVEMBER	5,808	497	6,305
DECEMBER	5,617	410	6,027
TOTAL	66,601	5,416	72,217
TOTAL VALUE-YEAR	THOUSAND DOLLARS 28,029	THOUSAND DOLLARS 2,047	THOUSAND DOLLARS 30,076

PRODUCTION OF FISH PORTIONS, 1962

MONTH	BREADED			UNBREADED	TOTAL
	COOKED	RAW	TOTAL		
	THOUSAND POUNDS	THOUSAND POUNDS	THOUSAND POUNDS	THOUSAND POUNDS	THOUSAND POUNDS
JANUARY	966	3,979	4,945	132	5,077
FEBRUARY	788	5,306	6,094	266	6,360
MARCH	1,340	5,510	6,850	186	7,036
APRIL	1,450	4,806	6,256	152	6,408
MAY	1,189	4,478	5,667	151	5,818
JUNE	1,083	4,876	5,959	178	6,137
JULY	507	4,006	4,513	166	4,679
AUGUST	975	5,569	6,542	145	6,687
SEPTEMBER	1,579	5,423	7,002	178	7,180
OCTOBER	1,805	7,711	9,516	355	9,871
NOVEMBER	1,067	6,058	7,125	281	7,406
DECEMBER	1,260	4,568	5,828	191	6,019
TOTAL	14,007	62,290	76,297	2,381	78,678
TOTAL VALUE-YEAR	THOUSAND DOLLARS 5,999	THOUSAND DOLLARS 21,257	THOUSAND DOLLARS 27,256	THOUSAND DOLLARS 833	THOUSAND DOLLARS 28,089

PRODUCTION OF FISH STICKS AND PORTIONS, 1953-62



FROZEN FISHERY TRADE

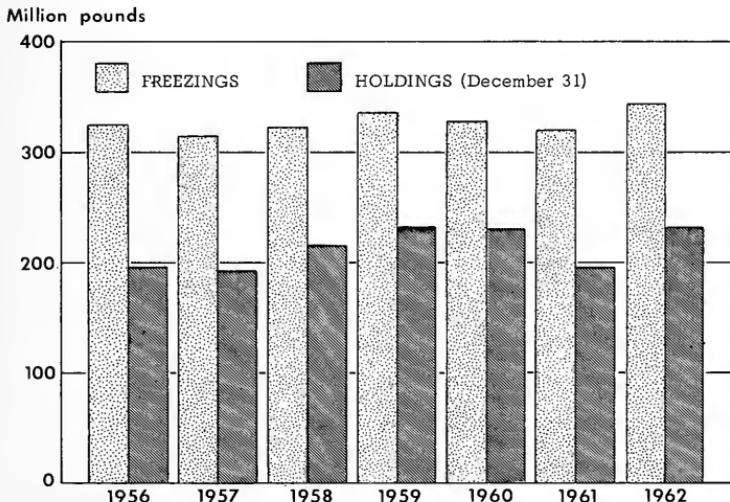
The 1962 production of frozen fish and shellfish by firms reporting monthly to the Bureau of Commercial Fisheries totaled 343.5 million pounds. Leading products frozen during 1962 were shrimp, 78 million pounds; bait and animal food, 63.4 million; blocks, fillets, and steaks consisting largely of ocean perch and haddock, 57 million; halibut, 43.3 million; headed and gutted whiting, 32.7 million; and salmon, 14.6 million pounds. These items accounted for 84 percent of the total. An estimated 547 million pounds of fish and shellfish (live weight) were required to produce the 1962 production of frozen fishery items.

New England led all other areas in freezings with 146.6 million pounds or 43 percent of the total, followed by the South Central area with 62 million; Alaska, 49.4 million; the Pacific Coast, 42 million; and the South Atlantic area, 32.3 million pounds. The Middle Atlantic, North Central East, and North Central West Areas accounted for the remainder.

Data on the freezings and holdings of fishery products for 1962 were published previously in Current Fishery Statistics No. 3102. The data were also published in the monthly bulletin Frozen Fish Report, in the Current Fishery Statistics series.



FREEZINGS AND HOLDINGS OF FISHERY PRODUCTS, 1956-62



GENERAL REVIEW

SUMMARY OF FREEZINGS, BY MONTHS, 1962

(THOUSANDS OF POUNDS)

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE
FISH	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
SALT-WATER:						
BLOCKS	2	-	130	136	302	49
FILLETS AND STEAKS:						
COD	21	32	105	322	304	424
FLOUNDER	235	153	156	408	813	533
HADDOCK	161	57	743	1,134	1,929	2,035
HALIBUT	-	-	-	86	170	420
OCEAN PERCH	1,161	1,365	1,918	1,948	3,625	3,967
POLLOCK	204	130	29	167	198	89
SALMON	-	-	-	14	-	-
WHITING	-	-	-	44	55	223
UNCLASSIFIED	158	255	56	217	263	420
TOTAL FILLETS AND STEAKS	1,980	1,992	3,007	4,350	7,577	8,111
TOTAL BLOCKS, FILLETS, AND STEAKS.	1,982	1,992	3,137	4,486	7,879	8,160
ROUND, DRESSED, ETC.:						
HALIBUT	-	-	-	2,743	10,566	10,025
MACKEREL (EXCEPT SPANISH)	11	19	22	19	59	57
SABLEFISH	317	6	4	58	84	82
SALMON:						
CHINOOK OR KING	-	-	-	34	541	934
SILVER OR COHO	-	-	-	-	3	261
CHUM OR KETA	-	-	-	-	-	12
OTHER	-	-	-	-	114	168
TOTAL SALMON	-	-	-	34	658	1,395
SMELT	-	-	8	59	169	47
SWORDFISH	-	-	1	-	1	-
TUNA	1	-	-	-	2	21
WHITING, HEADED AND GUTTED OTHER (EXCEPT BAIT)	34	63	88	705	152	4,992
TOTAL SALT-WATER FISH	2,457	3,546	3,116	3,186	2,148	1,629
TOTAL SALT-WATER FISH	4,802	5,626	6,376	11,290	21,738	26,408
FRESH-WATER:						
FILLETS AND STEAKS	-	-	-	-	1	2
ROUND, DRESSED, ETC.:						
CHUSS	13	1	1	23	70	11
TROUT	63	36	46	87	55	43
WHITEFISH	31	-	71	1	-	4
OTHER (EXCEPT BAIT)	13	11	7	69	66	39
TOTAL FRESH-WATER FISH	120	48	125	180	192	99
BAIT AND ANIMAL FOOD (SALT- AND FRESH-WATER)	2,369	2,403	2,666	5,272	9,532	8,234
SHELLFISH						
CRABS (INCLUDING CRAB MEAT)	90	115	27	71	166	479
SPINY LOBSTER (TAILS)	37	9	6	4	12	1
OYSTER MEATS	85	339	352	206	145	-
SCALLOP MEATS	145	95	69	224	249	347
SHRIMP:						
RAW (HEADLESS, SHELL-ON)	1,396	1,463	974	1,239	1,313	2,048
ALL OTHER (INCLUDING BREADED)	3,524	4,887	3,652	2,227	2,697	2,778
TOTAL SHRIMP	4,920	6,350	4,626	3,466	4,010	4,826
SQUID	10	68	13	11	784	147
OTHER	50	32	43	60	70	56
TOTAL SHELLFISH	5,337	7,008	5,138	4,042	5,456	5,856
TOTAL FISH AND SHELLFISH	12,628	15,085	14,305	20,784	36,918	40,597

SEE NOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

GENERAL REVIEW

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SUMMARY OF FREEZINGS, BY MONTHS, 1962 - Continued

(THOUSANDS OF POUNDS)

SPECIES	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
SALT-WATER:							
BLOCKS	129	328	217	158	80	74	1,605
FILLETS AND STEAKS:							
COD	408	254	315	176	98	146	2,605
FLounder	814	790	802	1,090	851	815	7,460
Haddock	1,247	1,313	976	817	735	366	11,533
HALIBUT	364	239	219	42	22	1	1,573
Ocean Perch	2,935	2,743	2,434	1,631	1,198	1,253	26,398
POLLOCK	64	109	138	140	242	179	1,689
SALMON	-	-	2	-	-	14	1,702
WHITING	293	366	257	268	182	-	1,702
UNCLASSIFIED	228	238	190	173	198	76	2,492
TOTAL FILLETS AND STEAKS	6,353	6,052	5,333	4,337	3,526	2,850	55,468
TOTAL BLOCKS, FILLETS, AND STEAKS	6,482	6,390	5,550	4,495	3,606	2,924	57,073
ROUND, DRESSED, ETC.:							
HALIBUT	9,049	5,651	4,549	705	18	-	43,306
MACKEREL [EXCEPT SPANISH]	77	19	9	45	15	15	367
SABLEFISH	131	348	1,125	1,071	237	306	3,769
SALMON:							
CHINOOK OR KING	794	771	948	97	31	5	4,155
SILVER OR COHO	1,413	1,378	1,774	876	21	6	5,752
CHUM OR KETA	48	288	496	398	361	30	1,633
OTHER	849	1,109	771	19	-	-	3,030
TOTAL SALMON	3,104	3,546	3,989	1,390	413	41	14,570
SMELT	31	114	80	34	22	6	590
SWORDFISH	-	68	45	14	-	-	129
TUNA	473	3,221	1,988	505	20	2	6,233
WHITING, HEADED AND GUTTED	10,304	7,824	5,200	2,591	699	71	32,723
OTHER (EXCEPT BAIT)	2,757	2,162	2,774	2,816	3,120	2,475	32,186
TOTAL SALT-WATER FISH	32,408	29,330	25,309	13,666	8,150	5,840	190,946
FRESH-WATER:							
FILLETS AND STEAKS	-	1	15	8	15	-	42
ROUND, DRESSED, ETC.:							
CHUBS	56	53	80	69	85	33	495
TROUT	46	62	46	69	3	7	563
WHITEFISH	74	-	32	43	30	8	294
OTHER (EXCEPT BAIT)	104	127	42	121	106	44	749
TOTAL FRESH-WATER FISH	280	243	215	310	239	92	2,143
BAIT AND ANIMAL FOOD (SALT- AND FRESH-WATER)	8,062	7,040	5,516	5,450	4,826	1,985	63,355
SHELLFISH							
CRABS (INCLUDING CRAB MEAT)	338	307	349	402	189	206	2,759
SPINY LOBSTER (TAILS)	-	-	-	2	131	39	243
OYSTER MEATS	66	61	3	11	24	21	1,313
SCALLOP MEATS	349	208	203	243	155	205	2,492
SHRIMP:							
RAW (HEADLESS, SHELL-ON)	2,735	4,028	4,602	5,553	4,224	3,063	32,636
ALL OTHER (INCLUDING BREADED)	3,933	4,337	5,089	4,277	4,139	3,741	45,261
TOTAL SHRIMP	6,668	8,365	9,691	9,830	8,363	6,804	77,919
SQUID	89	113	28	13	53	69	1,398
OTHER	20	146	125	49	173	87	911
TOTAL SHELLFISH	7,530	9,200	10,399	10,550	9,088	7,431	87,035
TOTAL FISH AND SHELLFISH	48,280	45,816	41,439	29,976	22,303	15,348	343,479

NOTE:--PRODUCTION OF FISH FROZEN ON UNITED STATES FISHING OR TRANSPORTING CRAFT IS NOT INCLUDED IN THIS REPORT.

GENERAL REVIEW

SUMMARY OF FREEZINGS, BY SECTIONS, 1962

(THOUSANDS OF POUNDS)

SPECIES	NEW ENGLAND	MIDDLE ATLANTIC	SOUTH ATLANTIC	NORTH CENTRAL, EAST	NORTH CENTRAL, WEST
FISH	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
SALT-WATER:					
BLOCKS	1,378	-	66	-	-
FILLETS AND STEAKS:					
COD	2,154	10	-	-	-
FLOUNDER	6,606	1	29	-	-
Haddock	11,531	2	-	-	-
OCEAN PERCH	25,470	5	-	-	-
POLLOCK	1,689	-	-	-	-
WHITING	1,666	36	-	-	-
UNCLASSIFIED	480	-	595	-	23
TOTAL FILLETS AND STEAKS	49,596	54	624	-	23
TOTAL BLOCKS, FILLETS, AND STEAKS	50,974	54	690	-	23
ROUND, DRESSED, ETC.:					
HALIBUT	22	-	-	-	-
MACKEREL (EXCEPT SPANISH)	152	189	-	-	-
SABLEFISH	-	-	-	-	9
SMELT	258	30	-	41	100
SWORDFISH	127	-	-	-	-
TUNA	5,099	8	-	-	-
WHITING, HEADED AND GUTTED	32,434	289	-	-	-
OTHER (EXCEPT BAIT)	15,303	3,030	6,467	-	12
TOTAL SALT-WATER FISH	104,369	3,600	7,157	41	144
FRESH-WATER:					
FILLETS AND STEAKS	-	-	-	32	10
ROUND, DRESSED, ETC.:					
CHUBS	1	160	-	154	139
TROUT	-	-	-	7	12
WHITEFISH	-	242	-	3	49
OTHER (EXCEPT BAIT)	2	270	107	199	123
TOTAL FRESH-WATER FISH	3	672	107	395	333
BAIT AND ANIMAL FOOD (SALT- AND FRESH-WATER)	39,322	3,434	814	112	948
SHELLFISH					
CRABS (INCLUDING CRAB MEAT)	6	-	462	-	-
SPINY LOBSTER (TAILS)	7	-	40	-	-
OYSTER MEATS	-	-	418	-	-
SCALLOP MEATS	1,990	196	289	-	-
SHRIMP:					
RAW (HEADLESS, SHELL-ON)	125	598	5,552	-	2
ALL OTHER (INCLUDING BREADED)	-	-	17,157	-	-
TOTAL SHRIMP	125	598	22,709	-	2
SQUID	461	823	9	-	-
OTHER	272	138	252	-	1
TOTAL SHELLFISH	2,861	1,755	24,179	-	3
TOTAL FISH AND SHELLFISH	146,555	9,461	32,257	548	1,428

NOTE:--THE SECTIONS INDICATED INCLUDE THE FOLLOWING STATES:
 NEW ENGLAND--MAINE, MASSACHUSETTS, RHODE ISLAND, AND CONNECTICUT.
 MIDDLE ATLANTIC--NEW YORK, NEW JERSEY, AND PENNSYLVANIA.
 SOUTH ATLANTIC--MARYLAND, DISTRICT OF COLUMBIA, VIRGINIA, NORTH CAROLINA, GEORGIA, AND FLORIDA.
 NORTH CENTRAL, EAST--OHIO, INDIANA, ILLINOIS, MICHIGAN, AND WISCONSIN.
 NORTH CENTRAL, WEST--MINNESOTA, IOWA, MISSOURI, NORTH DAKOTA, NEBRASKA, AND KANSAS.

(CONTINUED ON NEXT PAGE)

GENERAL REVIEW

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SUMMARY OF FREEZINGS, BY SECTIONS, 1962 - Continued

(THOUSANDS OF POUNDS)

SPECIES	SOUTH CENTRAL	PACIFIC	ALASKA	TOTAL
FISH	<u>QUANTITY</u>	<u>QUANTITY</u>	<u>QUANTITY</u>	<u>QUANTITY</u>
SALT-WATER:				
BLOCKS	-	161	-	1,605
FILLETS AND STEAKS:				
COD	-	437	4	2,605
FLOUNDER	55	769	-	7,460
HADDOCK	-	-	-	11,533
HALIBUT	-	292	1,281	1,573
OCEAN PERCH	-	923	-	26,398
POLLOCK	-	-	-	1,689
SALMON	-	16	-	16
WHITING	-	-	-	1,702
UNCLASSIFIED	102	1,289	3	2,492
TOTAL FILLETS AND STEAKS	157	3,726	1,288	55,468
TOTAL BLOCKS, FILLETS, AND STEAKS.	157	3,887	1,288	57,073
ROUND, DRESSED, ETC.:				
HALIBUT	-	11,699	31,585	43,306
MACKEREL (EXCEPT SPANISH)	-	26	-	367
SABLEFISH	-	2,696	864	3,769
SALMON:				
CHINOOK OR KING	-	2,080	2,075	4,155
SILVER DR COHO	-	2,541	3,211	5,752
CHUM OR KETA	-	840	793	1,633
OTHER	-	311	2,719	3,030
TOTAL SALMON	-	5,772	8,798	14,570
SMELT	-	161	-	590
SWORDFISH	-	2	-	129
TUNA	-	1,126	-	6,233
WHITING, HEADED AND GUTTED	-	-	-	32,723
OTHER (EXCEPT BAIT)	4,873	2,477	24	32,186
TOTAL SALT-WATER FISH	5,030	26,046	42,559	190,946
FRESH-WATER:				
FILLETS AND STEAKS	-	-	-	42
ROUND, DRESSED, ETC.:				
CHUBS	-	41	-	495
TROUT	21	523	-	563
WHITEFISH	-	-	-	294
OTHER (EXCEPT BAIT)	39	9	-	749
TOTAL FRESH-WATER FISH	60	573	-	2,143
BAIT AND ANIMAL FOOD (SALT- AND FRESH-WATER)	1,738	12,132	4,855	63,355
SHELLFISH				
CRABS (INCLUDING CRAB MEAT)	85	277	1,929	2,759
SPINY LOBSTER (TAILS)	52	144	-	243
OYSTER MEATS	688	207	-	1,313
SCALLOP MEATS	17	-	-	2,492
SHRIMP:				
RAW (HEADLESS, SHELL-ON)	26,129	228	4	32,638
ALL OTHER (INCLUDING BREADED)	28,048	9	67	45,281
TOTAL SHRIMP	54,177	237	71	77,919
SQUID	52	53	-	1,398
OTHER	-	246	2	911
TOTAL SHELLFISH	55,071	1,164	2,002	87,035
TOTAL FISH AND SHELLFISH	61,899	41,915	49,416	343,479

NOTE:--THE SECTIONS INDICATED INCLUDE THE FOLLOWING STATES:
 SOUTH CENTRAL--KENTUCKY, TENNESSEE, ALABAMA, MISSISSIPPI, LOUISIANA, TEXAS, OKLAHOMA, AND ARKANSAS.
 PACIFIC--WASHINGTON, OREGON, CALIFORNIA, ARIZONA, COLORADO, UTAH, AND IDAHO.
 ALASKA.
 PRODUCTION OF FISH FROZEN ON UNITED STATES FISHING OR TRANSPORTING CRAFT IS NOT INCLUDED IN THIS TABLE.

GENERAL REVIEW

SUMMARY OF FREEZINGS, BY SECTIONS AND MONTHS, 1962

(THOUSANDS OF POUNDS)

MONTH	NEW ENGLAND	MIDDLE ATLANTIC	SOUTH ATLANTIC	NORTH CENTRAL EAST	NORTH CENTRAL WEST
	<u>QUANTITY</u>	<u>QUANTITY</u>	<u>QUANTITY</u>	<u>QUANTITY</u>	<u>QUANTITY</u>
JANUARY	3,805	319	2,197	3	9
FEBRUARY	3,930	397	3,493	2	-
MARCH	5,717	426	1,787	2	100
APRIL	6,018	1,478	1,282	78	7
MAY	14,433	1,653	1,725	57	109
JUNE	19,887	780	2,378	18	2
JULY	24,293	1,275	3,142	14	35
AUGUST	23,028	882	3,281	22	91
SEPTEMBER	16,610	785	3,496	64	33
OCTOBER	13,145	649	3,039	91	62
NOVEMBER	9,053	322	3,573	152	711
DECEMBER	4,636	495	2,864	45	269
TOTAL	146,555	9,461	32,257	548	1,428

MONTH	SOUTH CENTRAL	PACIFIC	ALASKA	TOTAL
	<u>QUANTITY</u>	<u>QUANTITY</u>	<u>QUANTITY</u>	<u>QUANTITY</u>
JANUARY	3,779	1,984	532	12,628
FEBRUARY	4,900	1,441	922	15,085
MARCH	4,125	1,186	962	14,305
APRIL	3,227	5,008	1,686	20,784
MAY	3,526	6,791	8,624	36,918
JUNE	3,308	4,530	9,694	40,597
JULY	4,644	4,065	10,812	48,280
AUGUST	6,424	5,376	6,712	45,816
SEPTEMBER	7,796	4,451	8,204	41,439
OCTOBER	8,104	4,023	863	29,976
NOVEMBER	6,578	1,751	163	22,303
DECEMBER	5,488	1,309	242	15,348
TOTAL	61,699	41,915	49,416	343,479

NOTE:--THE STATES INCLUDED IN THE VARIOUS SECTIONS ARE INDICATED ON PAGES 68 AND 69.



COLD STORAGE HOLDINGS OF FROZEN FISHERY PRODUCTS

Holdings of frozen fishery products in 1962 were highest on December 31, when 230.5 million pounds of fish and shellfish were in storage. The November 30, 1962 holdings of 228 million pounds were second highest, followed by the October 31 and September 30 holdings of 218.8 and 218.1 million pounds respectively. Holdings were at the lowest level on March 31, 1962, when stocks totaled only 123.5 million pounds.

Principal species held throughout the year were shrimp, cod (blocks and fillets), and halibut.

GENERAL REVIEW

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SUMMARY OF HOLDINGS, BY MONTHS, 1962

(THOUSANDS OF POUNDS)

SPECIES	JANUARY 1	JANUARY 31	FEBRUARY 28	MARCH 31	APRIL 30	MAY 31
FISH	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
SALT-WATER:						
BLOCKS	17,677	14,130	12,837	8,338	7,549	9,982
FILLETS AND STEAKS:						
COD	7,055	7,227	8,405	6,298	6,139	6,177
FLOUNDER	6,054	5,508	4,363	2,938	3,299	3,188
HADDOCK	10,302	8,096	7,428	6,406	6,642	7,732
HALIBUT	2,066	2,964	1,425	1,406	1,168	1,202
OCEAN PERCH	12,981	9,681	7,075	4,752	4,254	6,214
POLLOCK	11,373	9,357	1,211	1,013	1,037	839
SALMON	152	149	105	187	202	111
WHITING	2,126	1,857	1,499	874	965	497
UNCLASSIFIED	6,373	6,366	5,832	3,769	3,904	4,094
TOTAL FILLETS AND STEAKS	48,482	43,205	37,363	27,643	27,610	30,054
TOTAL BLOCKS, FILLETS, AND STEAKS	66,159	57,335	50,200	35,981	35,159	40,036
FISH STICKS AND PORTIONS (RAW AND COOKED)						
ROUND, DRESSED, ETC.:	10,511	9,066	9,142	5,918	7,047	7,754
HALIBUT	10,878	6,165	4,851	1,862	2,685	10,080
MACKEREL (EXCEPT SPANISH)	754	719	464	422	368	298
SABLEFISH	1,999	2,250	1,865	1,404	1,168	911
SALMON:						
CHINOOK OR KING	3,298	3,079	2,121	1,358	908	945
SILVER OR COHO	3,537	3,124	1,837	1,358	1,084	905
CHUM OR KETA	941	958	637	548	338	216
OTHER	1,192	985	765	703	473	516
TOTAL SALMON	8,968	8,146	5,360	3,967	2,803	2,582
SMELT	1,276	1,276	1,095	822	809	1,135
SWORDFISH	2,350	2,186	1,973	1,615	1,731	1,689
TUNA	1,203	1,139	1,290	1,043	1,056	870
WHITING, HEADED AND GUTTED	12,367	8,916	6,155	3,225	2,361	2,361
OTHER (EXCEPT BAIT)	16,999	20,132	13,573	16,125	15,307	13,308
TOTAL SALT-WATER FISH	133,466	117,330	95,968	72,604	70,494	81,024
FRESH-WATER:						
FILLETS AND STEAKS	1,557	1,341	1,120	700	647	546
ROUND, DRESSED, ETC.:						
CHUBS	1,533	1,410	952	488	629	861
TROUT	1,134	1,204	1,050	904	859	699
WHITFISH	1,802	1,726	1,594	1,384	1,190	969
OTHER (EXCEPT BAIT)	2,922	2,443	2,400	2,008	2,142	2,430
TOTAL FRESH-WATER FISH	8,948	8,124	7,116	5,484	5,467	5,505
BAIT AND ANIMAL FOOD (SALT- AND FRESH-WATER)	11,726	10,384	8,900	8,982	13,323	17,906
SHELLFISH						
CRABS (INCLUDING CRAB MEAT)	2,085	1,927	1,914	2,026	2,368	1,852
SPINY LOBSTER (TAILS)	5,123	6,014	6,195	6,869	6,787	6,004
OYSTER MEATS	823	913	1,403	1,670	1,812	1,567
SCALLOP MEATS	2,959	2,375	1,776	1,175	1,280	1,594
SHRIMP:						
RAW (HEADLESS, SHELL-ON)	19,755	21,328	19,012	16,607	15,637	13,904
ALL OTHER (INCLUDING BREADED)	8,540	7,994	9,164	6,231	5,812	5,044
TOTAL SHRIMP	28,295	29,322	28,176	22,838	21,449	18,948
SQUID	1,448	889	744	684	579	1,465
OTHER	1,880	1,657	1,411	1,122	1,081	1,016
TOTAL SHELLFISH	42,613	43,097	41,619	36,384	35,356	32,446
TOTAL FISH AND SHELLFISH	196,753	178,935	153,603	123,454	124,640	136,881

(CONTINUED ON NEXT PAGE)

GENERAL REVIEW

SUMMARY OF HOLDINGS, BY MONTHS, 1962 - Continued

(THOUSANDS OF POUNDS)

SPECIES	JUNE 30	JULY 31	AUGUST 31	SEPTEMBER 30	OCTOBER 31	NOVEMBER 30	DECEMBER 31
FISH	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
SALT-WATER:							
BLOCKS	12,780	21,506	27,248	29,333	25,188	24,836	24,328
FILLETS AND STEAKS:							
COD	7,980	7,165	8,813	10,154	9,212	10,118	9,677
FLOUNDER	3,367	4,030	4,151	4,385	5,150	5,573	6,156
HADDOCK	8,697	7,850	8,128	8,122	6,515	5,841	5,397
HALIBUT	1,124	1,667	2,002	2,480	3,000	3,675	2,935
OCEAN PERCH	8,221	9,806	11,243	12,645	13,375	13,155	13,456
POLLOCK	773	948	861	936	814	979	1,039
SALMON	78	103	104	117	161	249	149
WHITING	635	1,146	1,691	2,949	3,013	2,957	2,585
UNCLASSIFIED	4,476	4,900	5,149	5,610	5,885	6,316	6,550
TOTAL FILLETS AND STEAKS	35,351	37,616	42,342	47,398	47,125	48,854	47,944
TOTAL BLOCKS, FILLETS, AND STEAKS	46,131	59,122	69,590	76,731	72,313	73,690	72,272
FISH STICKS AND PORTIONS (RAW AND COOKED)							
ROUND, DRESSED, ETC.:	8,506	8,999	8,213	8,613	8,644	9,930	11,558
HALIBUT	15,572	20,099	22,562	23,432	19,913	18,879	18,496
MACKEREL (EXCEPT SPANISH)	492	568	677	695	887	838	860
SABLEFISH	874	779	981	1,392	2,603	3,285	3,164
SALMON:							
CHINOOK OR KING	1,558	2,357	3,682	4,693	4,568	4,689	4,292
SILVER OR COHO	968	2,123	3,764	5,777	5,979	5,934	5,180
CHUM OR KETA	134	228	542	1,368	1,447	1,476	1,361
OTHER	637	1,524	1,923	1,658	1,720	1,412	1,073
TOTAL SALMON	3,297	6,232	9,911	13,496	13,714	13,511	11,906
SMELT	1,257	1,454	1,628	2,264	2,938	3,135	3,112
SWORDFISH	1,748	1,633	1,917	2,052	2,219	2,355	2,485
TUNA	443	707	1,962	2,496	1,643	1,052	1,319
WHITING, HEADED AND GUTTED	4,087	10,008	14,424	16,259	15,261	13,947	11,345
OTHER (EXCEPT BAIT)	13,608	14,418	14,549	14,920	15,036	17,007	18,254
TOTAL SALT-WATER FISH	98,015	124,019	146,614	162,350	155,371	157,629	154,771
FRESH-WATER:							
FILLETS AND STEAKS	572	700	822	1,017	1,323	1,630	1,443
ROUND, DRESSED, ETC.:							
CHUBS	1,154	1,166	1,080	1,474	1,566	1,479	1,440
TROUT	725	672	832	940	971	1,102	1,249
WHITEFISH	907	1,556	1,839	2,076	2,218	2,075	1,828
OTHER (EXCEPT BAIT)	3,002	3,434	3,395	2,386	3,056	3,517	2,927
TOTAL FRESH-WATER FISH	6,400	7,528	7,968	7,693	9,134	9,803	8,887
BAIT AND ANIMAL FOOD (SALT- AND FRESH-WATER)	19,629	17,828	15,224	11,873	9,059	8,297	12,420
SHELLFISH							
CRABS (INCLUDING CRAB MEAT)	1,821	1,859	2,346	2,963	2,705	3,085	2,226
SPINY LOBSTER (TAILS)	6,176	8,275	7,770	6,787	6,751	6,685	6,565
OYSTER MEATS	1,391	1,441	1,383	1,021	894	900	712
SCALLOP MEATS	2,220	2,392	2,798	2,723	3,011	2,952	2,749
SHRIMP:							
RAW (HEADLESS, SHELL-ON)	13,796	13,677	12,754	12,643	21,315	27,500	31,577
ALL OTHER (INCLUDING BREADED)	4,500	5,228	5,646	6,505	7,172	7,571	8,167
TOTAL SHRIMP	18,296	18,905	18,400	19,348	28,487	35,071	39,744
SQUID	1,529	1,381	1,440	1,370	1,526	1,632	837
OTHER	1,082	1,374	1,771	1,790	1,874	1,810	1,516
TOTAL SHELLFISH	32,515	35,627	35,908	36,002	45,246	52,135	54,449
TOTAL FISH AND SHELLFISH	156,559	185,002	205,714	218,118	216,812	227,864	230,527

GENERAL REVIEW

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SUMMARY OF HOLDINGS, BY SECTIONS AND MONTHS, 1962

(THOUSANDS OF POUNDS)

DATE	NEW ENGLAND	MIDDLE ATLANTIC	SOUTH ATLANTIC	NORTH CENTRAL, EAST	NORTH CENTRAL, WEST
	<u>QUANTITY</u>	<u>QUANTITY</u>	<u>QUANTITY</u>	<u>QUANTITY</u>	<u>QUANTITY</u>
JANUARY 1	65,453	32,109	10,210	24,885	10,567
JANUARY 31	51,651	37,966	10,707	21,308	9,782
FEBRUARY 28	41,831	34,050	10,587	18,909	8,830
MARCH 31	28,080	31,333	6,748	14,946	6,326
APRIL 30	30,468	30,175	6,122	14,213	6,161
MAY 31	37,716	26,425	6,003	14,449	6,642
JUNE 30	47,217	28,848	6,511	15,545	7,016
JULY 31	60,836	28,932	7,848	20,166	7,674
AUGUST 31	71,900	28,807	8,261	21,935	9,013
SEPTEMBER 30	71,485	32,958	8,142	24,433	9,991
OCTOBER 31	66,842	34,487	7,655	27,450	10,094
NOVEMBER 30	64,937	37,144	10,171	27,995	11,395
DECEMBER 31	64,167	38,305	9,690	26,237	11,496

DATE	SOUTH CENTRAL	PACIFIC	ALASKA	TOTAL
	<u>QUANTITY</u>	<u>QUANTITY</u>	<u>QUANTITY</u>	<u>QUANTITY</u>
JANUARY 1	14,974	33,639	4,916	196,753
JANUARY 31	13,641	31,429	2,451	178,935
FEBRUARY 28	11,918	25,759	1,719	153,603
MARCH 31	9,810	23,654	2,557	123,454
APRIL 30	8,629	24,690	3,982	124,640
MAY 31	7,266	26,808	9,572	136,881
JUNE 30	8,454	30,170	12,798	156,559
JULY 31	9,922	33,167	16,257	185,002
AUGUST 31	11,248	37,306	17,244	205,714
SEPTEMBER 30	14,649	39,125	17,435	218,118
OCTOBER 31	17,327	43,841	11,116	218,812
NOVEMBER 30	19,128	47,610	9,484	227,864
DECEMBER 31	21,871	51,195	7,566	230,527

NOTE:--THE STATES INCLUDED IN THE VARIOUS SECTIONS ARE INDICATED ON PAGES 68 AND 69.

COLD STORAGE HOLDINGS OF CURED FISH

Average monthly holdings of salted and smoked cured fish in 1962 amounted to 14.5 million pounds. Cold storage stocks averaged 7.8 million pounds of cured herring and 3.7 million pounds of mild-cured salmon. These two species accounted for 79 percent of the average cold storage inventories of cured fish.

SUMMARY OF HOLDINGS OF CURED FISH, BY MONTHS, 1962

(THOUSANDS OF POUNDS)

DATE	SALTED			SMOKED	TOTAL
	HERRING, CURED	SALMON, MILD-CURED	OTHER		
	<u>QUANTITY</u>	<u>QUANTITY</u>	<u>QUANTITY</u>	<u>QUANTITY</u>	<u>QUANTITY</u>
JANUARY 1	9,340	4,518	2,464	844	177,166
JANUARY 31	8,986	4,001	2,714	612	166,313
FEBRUARY 28	8,767	3,435	2,596	659	155,457
MARCH 31	9,406	2,920	1,589	552	144,467
APRIL 30	9,491	2,517	2,648	512	155,168
MAY 31	9,744	2,354	2,630	477	155,205
JUNE 30	8,673	2,499	2,360	544	144,076
JULY 31	7,921	3,413	2,371	531	144,236
AUGUST 31	7,130	4,024	2,215	816	144,185
SEPTEMBER 30	5,747	4,956	1,441	638	127,782
OCTOBER 31	4,322	4,649	2,489	936	122,396
NOVEMBER 30	5,080	4,426	2,877	994	133,377
DECEMBER 31	6,761	4,005	2,824	531	144,121

GENERAL REVIEW

FOREIGN FISHERY TRADE

U.S. foreign trade in fishery products was valued at \$511 million during 1962--an increase of \$79.2 million compared with 1961. Imports for consumption amounted to \$475 million and exports, nearly \$36 million. The value of fishery imports was 20 percent higher than in 1961, the previous record year, while exports increased 3 percent.

Imports of edible fishery products in 1962 totaled a record 1.2 billion pounds valued at the alltime high of \$401 million. Compared with 1961, this was an increase of 15 percent in volume and 19 percent in value. The gain in quantity was due chiefly to increases in imports of fresh or frozen tuna, sea herring, shrimp, groundfish fillets and blocks, sardines; and fillets other than groundfish. There were slight decreases in the imports of fresh or frozen salmon and canned tuna.

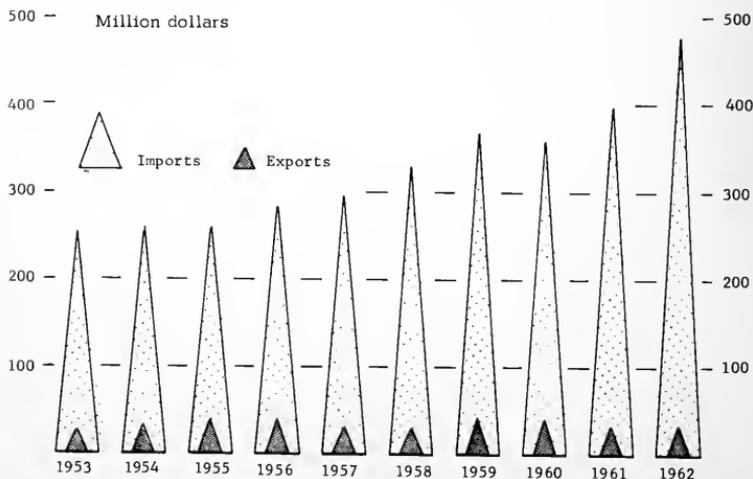
Imports of seven important edible items were at record levels in 1962. These were fresh or frozen tuna; groundfish fillets and blocks; shrimp, mainly headless and peeled; fillets other than groundfish; spiny lobsters, principally frozen tails; scallops, and canned oysters.

Shrimp was the major item imported with respect to value. The more than 141 million pounds valued at \$92 million came from over 40 countries. Mexico, Panama, El Salvador, and Venezuela were the principal sources. More than half of the total imports of shrimp was received from Mexico.

Imports of nonedible fishery products in 1962 were valued at over \$74 million--21 percent more than in 1961. Increased receipts of fish meal and scrap and improved scrap and meal prices largely accounted for the gain in value. The declared value of scrap and meal averaged \$96 per ton in 1962 compared with \$77 in 1961. Fish meal and scrap totaling a record \$24.3 million was the most valuable nonedible item imported in 1962, followed by pearls, \$19 million; various aquatic leathers and leather products, \$12 million; and fish and marine animal oils, \$8.7 million.

Exports of domestic edible fishery products totaled 56.5 million pounds valued at \$22.5 million--an increase of 41 percent in quantity and 15 percent in value compared with the previous year. Exports of nonedible domestic products valued at \$13 million were 12 percent less. Exports of foreign produced fishery products during 1962 amounted to \$4.4 million compared with \$6.5 million the previous year.

IMPORTS AND EXPORTS OF FISHERY PRODUCTS, 1953-62



GENERAL REVIEW

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EXPORTS OF DOMESTIC FISHERY PRODUCTS, 1962

(VALUE IN THOUSANDS OF DOLLARS)

ITEM	QUANTITY	VALUE
EDIBLE FISHERY PRODUCTS		
FRESH OR FROZEN:		
FISH:		
COD, HADDOCK, HAKE, POLLOCK, AND CUSK	1,000 POUNDS	612
SALMON	DO	1,508
OTHER	DO	13,958
TOTAL FISH	DO	16,078
SHELLFISH:		
SHRIMP	DO	3,457
OYSTERS, SHUCKED	DO	411
OTHER (INCLUDING LOBSTERS, SHUCKED CLAMS, AND OYSTERS IN THE SHELL)	DO	876
TOTAL SHELLFISH	DO	4,744
TOTAL FRESH AND FROZEN	DO	20,822
CANNED:		
FISH:		
MACKEREL	DO	4,272
SALMON	DO	8,978
SARDINES:		
IN OIL	DO	578
NOT IN OIL	DO	7,188
TUNA	DO	497
OTHER (INCLUDING HERRING)	DO	531
TOTAL FISH	DO	22,044
SHELLFISH:		
SHRIMP	DO	2,212
SQUID	DO	7,785
OTHER (INCLUDING CRABS AND CRAB MEAT)	DO	1,995
TOTAL SHELLFISH	DO	11,992
TOTAL CANNED	DO	34,036
CURED, SALTED, PICKLED, OR DRY CURED:		
SALMON	DO	569
MISCELLANEOUS FISH	DO	381
SHRIMP	DO	72
TOTAL CURED	DO	1,022
FISH, SHELLFISH, AND OTHER MARINE ANIMAL PRODUCTS (INCLUDING CANNED OR FROZEN SPECIALTIES AND SMOKED FISH AND SHELLFISH)		
	DO	650
TOTAL EDIBLE FISHERY PRODUCTS	DO	56,530
NONEDIBLE FISHERY PRODUCTS		
FISH AND MARINE ANIMAL BODY AND LIVER OIL (EXCEPT MEDICINAL)		
	DO	123,050
WHALE AND SPERM OIL	DO	2,697
SEAL FURS, DRESSED OR DYED	1,000 PIECES	64
PEARL ESSENCE	1,000 POUNDS	18
SHELLS, UNMANUFACTURED	DO	11,041
FISH, SHELLFISH, AND OTHER MARINE ANIMAL PRODUCTS, NONEDIBLE	-	-
TOTAL NONEDIBLE FISHERY PRODUCTS	-	1,507
TOTAL NONEDIBLE FISHERY PRODUCTS	-	13,258
GRAND TOTAL	-	35,728

NOTE:--IN ADDITION TO THE EXPORT FIGURES THAT ARE SHOWN THERE ARE LARGE QUANTITIES OF FISH OILS AND CONCENTRATES THAT ARE EXPORTED FOR MEDICINAL PURPOSES, AND OTHER MISCELLANEOUS FISHERY PRODUCTS THAT CANNOT BE SHOWN BECAUSE THE EXPORT CLASSIFICATION COVERING THESE PRODUCTS INCLUDES OTHER THAN FISHERY PRODUCTS.

GENERAL REVIEW

EXPORTS OF FOREIGN FISHERY PRODUCTS, 1962

(VALUE IN THOUSANDS OF DOLLARS)

ITEM	QUANTITY	VALUE
EDIBLE FISHERY PRODUCTS		
FRESH OR FROZEN:		
FISH:		
COD, HADDOCK, HAKE, POLLOCK, AND CUSK	1,000 POUNDS	3
SALMON	00	6
OTHER FISH	00	257
TOTAL FISH	00	266
SHELLFISH:		
SHRIMP	00	1,992
OTHER SHELLFISH	00	184
TOTAL SHELLFISH	00	2,176
TOTAL FRESH AND FROZEN	00	2,442
CANNED:		
FISH:		
MACKEREL	00	179
SALMON	00	5
SARDINES:		
IN OIL	00	104
NOT IN OIL	00	291
TUNA	00	4
OTHER FISH	00	24
TOTAL FISH	00	607
SHELLFISH:		
SHRIMP	00	44
OTHER SHELLFISH	00	2,501
TOTAL SHELLFISH	00	2,545
TOTAL CANNED	00	3,152
CURED, SALTED, PICKLED, OR DRY CURED:		
SALMON	00	(1)
MISCELLANEOUS FISH	00	139
SHRIMP	00	102
TOTAL CURED	00	241
FISH, SHELLFISH, AND OTHER MARINE ANIMAL PRODUCTS (INCLUDING CANNED OR FROZEN SPECIALTIES, AND SMOKED FISH AND SHELLFISH)	00	110
TOTAL EDIBLE FISHERY PRODUCTS	00	5,945
NONEDIBLE FISHERY PRODUCTS		
FISH AND MARINE ANIMAL BODY AND LIVER OIL (EXCEPT MEDICINAL)	00	38
WHALE AND SPERM OIL	00	2,805
SEAL FURS, DRESSED OR DYED	1,000 POUNDS	1
PEARL ESSENCE	1,000 POUNDS	(1)
SHELLS, UNMANUFACTURED	00	64
FISH, SHELLFISH, AND OTHER MARINE ANIMAL PRODUCTS, NONEDIBLE	-	-
TOTAL NONEDIBLE FISHERY PRODUCTS	-	183
TOTAL	-	449
GRAND TOTAL	-	4,385

1/ LESS THAN 500 POUNDS.

SOURCE: DEPARTMENT OF COMMERCE, BUREAU OF THE CENSUS.

GENERAL REVIEW

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IMPORTS OF FISHERY PRODUCTS ENTERED FOR CONSUMPTION, 1962

(VALUE IN THOUSANDS OF DOLLARS)

ITEM	QUANTITY	VALUE
EDIBLE FISHERY PRODUCTS		
FRESH OR FROZEN:		
FISH:		
WHETHER OR NOT WHOLE (EXCEPT FILLETS, STEAKS, ETC.):		
FRESH-WATER:		
LAKE HERRING, CISCO, AND CHUS.	1,000 POUNDS	1,864
LAKE TROUT	00	2,230
SAUGER	00	2,195
TROUT (INCLUDING RAINBOW, BROOK, AND BROWN).	00	4,420
WHITEFISH	00	15,761
YELLOW PERCH	00	1,804
YELLOW PIKE	00	7,872
EELS (FRESH AND SALT-WATER).	00	292
OTHER.	00	4,562
TOTAL FRESH-WATER FISH.	00	41,000
SALT-WATER:		
COD, HADDOCK, HAKE, POLLOCK, AND CUSK.	00	1,990
HALIBUT.	00	24,905
MACKEREL:		
FRESH.	00	2,104
FROZEN	00	1,621
SALMON	00	9,735
SEA HERRING.	00	1/ 62,490
SHAD	00	20
SMELT.	00	11,968
STURGEON	00	1,448
SWORDFISH:		
FRESH.	00	3,336
FROZEN	00	286
TOTAL SALT-WATER FISH.		109,072
TOTAL TUNA.		272,465
TUNA (WHOLE AND OTHER THAN WHOLE):		
ALBACORE	00	83,940
OTHER TUNA	00	188,525
TOTAL TUNA.		272,465
TUNA LOINS AND DISCS:		
ALBACORE	00	1,661
OTHER.	00	8,860
TOTAL LOINS AND DISCS		10,521
OTHER (INCLUDING WHITE BASS)	00	10,161
TOTAL SALT-WATER FISH	00	413,050
FILLETS, STEAKS, ETC.:		
GROUNDFISH AND OCEAN PERCH:		
COD.	00	32,981
HADDOCK, HAKE, POLLOCK, AND CUSK	00	25,445
OCEAN PERCH.	00	19,453
BLOCKS OR SLABS.	00	143,541
TOTAL GROUNDFISH AND OCEAN PERCH.	00	221,420
OTHER:		
FLOUNDER	00	18,439
HALIBUT AND SALMON	00	7,169
SWORDFISH.	00	19,358
WOLFFISH (SEA CATFISH)	00	8,274
OTHER SALT-WATER	00	9,063
YELLOW PIKE.	00	3,467
OTHER FRESH-WATER.	00	10,673
TOTAL, OTHER THAN GROUNDFISH.	00	76,443
TOTAL FILLETS, STEAKS, ETC.	00	297,863
FISH STICKS AND SIMILAR PRODUCTS		
		325
TOTAL FISH, FRESH AND FROZEN.	00	752,238

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

GENERAL REVIEW

IMPORTS OF FISHERY PRODUCTS ENTERED FOR CONSUMPTION,
1962 - Continued

(VALUE IN THOUSANDS OF POUNDS)

ITEM	QUANTITY	VALUE
EDIBLE FISHERY PRODUCTS - CONTINUED		
FRESH OR FROZEN - CONTINUED:		
SHELLFISH, ETC.:		
CRABS:		
FRESH OR FROZEN (INCLUDING PREPARED OR PRESERVED, EXCEPT CANNED)	1,000 POUNDS	595 230
CRAB MEAT (FRESH COOKED)	DO	309 292
LOBSTERS:		
COMMON (INCLUDES FRESH-COOKED MEAT)	DO	22,101 15,000
SPINY	DO	35,947 42,182
SHRIMP AND PRAWN (MAY INCLUDE SOME DRIED AND CANNED)	DO	141,183 91,898
CLAMS (IN SHELL OR SHUCKED)	DO	640 159
OYSTERS:		
EXCEPT SEED OYSTERS	DO	140 73
OTHER (PRINCIPALLY SEED OYSTERS)	DO	1,820 319
SCALLOPS	DO	11,563 4,993
FROG LEGS (INCLUDES PREPARED AND PRESERVED)	DO	2,604 2,552
TURTLES (LIVE ONLY)	DO	783 50
TOTAL SHELLFISH, ETC., FRESH AND FROZEN	DO	217,685 157,748
TOTAL FRESH AND FROZEN FISH, SHELLFISH, ETC.	DO	969,923 313,554
CANNED:		
FISH:		
ANCHOVIES:		
IN OIL	DO	4,904 2,564
NOT IN OIL	DO	36 9
SALMON, NOT IN OIL	DO	6,843 3,436
SARDINES:		
IN OIL	DO	32,603 13,382
NOT IN OIL	DO	20,342 2,909
HERRING, NOT IN OIL	DO	12,134 3,788
TUNA:		
IN OIL:		
ALBACORE	DO	261 123
OTHER	DO	97 41
TOTAL IN OIL	DO	358 164
IN BRINE:		
ALBACORE	DO	27,836 12,666
OTHER	DO	28,525 10,054
TOTAL IN BRINE	DO	56,361 22,720
BONITO AND YELLOWTAIL:		
IN OIL	DO	6,127 1,675
IN BRINE	DO	2,600 650
TOTAL BONITO AND YELLOWTAIL	DO	8,727 2,325
POLLOCK, SMOKED		
DO	DO	20 12
ANTI-PASTO, IN OIL	DO	236 211
FISH CAKES, BALLS, AND PUDDING	DO	1,447 356
CAVIAR AND OTHER FISH ROE (MAY INCLUDE SOME NOT CANNED)	DO	277 993
FISH PASTE AND SAUCE	DO	144 71
OTHER FISH:		
IN OIL	DO	748 384
NOT IN OIL	DO	2,124 481
TOTAL CANNED FISH	DO	147,304 53,805
SHELLFISH, ETC.:		
ABALONE (MAY INCLUDE FRESH, DRIED, AND CANNED PASTE AND SAUCE)	DO	5,243 2,699
CLAMS:		
RAZOR	DO	5 3
OTHER	DO	1,454 861
CHOWDER, JUICE, ETC.	DO	5 5
CRAB MEAT (INCLUDES PASTE AND SAUCE)	DO	3,505 4,701

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

GENERAL REVIEW

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IMPORTS OF FISHERY PRODUCTS ENTERED FOR CONSUMPTION, 1962 - Continued

(VALUE IN THOUSANDS OF DOLLARS)

ITEM	QUANTITY	VALUE
EDIBLE FISHERY PRODUCTS - CONTINUED		
CANNED - CONTINUED:		
SHELLFISH, ETC. - CONTINUED:		
LOBSTER MEAT:		
COMMON	1,000 POUNDS	3,111
SPINY	DO	198
OYSTERS AND OYSTER JUICE	DO	7,830
SHELLFISH PASTE AND SAUCE	DO	113
OTHER SHELLFISH	DO	4,531
TOTAL CANNED SHELLFISH	DO	25,995
TOTAL CANNED FISH, SHELLFISH, ETC.	DO	173,299
CURED:		
DRIED (UNSALTED):		
COD, HADDOCK, HAKE, POLLOCK, AND CUSK	DO	648
SHARK FINS	DO	125
OTHER	DO	158
TOTAL DRIED (UNSALTED)	DO	931
PICKLED OR SALTED:		
COD, HADDOCK, HAKE, POLLOCK, AND CUSK:		
SKINNED OR BONED	DO	9,823
OTHER	DO	34,351
HERRING	DO	25,860
MACKEREL	DO	2,473
SALMON	DO	19
OTHER	DO	540
TOTAL PICKLED OR SALTED	DO	73,066
SMOKED OR KIPPERED:		
COD, HADDOCK, HAKE, POLLOCK, AND CUSK:		
WHOLE, BEHEADED, EVISCERATED OR BOTH	DO	125
FILLETS, STEAKS, ETC.	DO	1,688
HERRING:		
WHOLE OR BEHEADED:		
HARD DRY-SMOKED	DO	516
OTHER	DO	322
BONED	DO	933
NOT BONED (EVISCERATED, SPLIT)	DO	422
SALMON	DO	45
OTHER	DO	81
TOTAL SMOKED OR KIPPERED	DO	4,132
TOTAL CURED	DO	78,129
OTHER FISH AND SHELLFISH, NOT ESPECIALLY PROVIDED FOR	DO	1,485
TOTAL EDIBLE FISHERY PRODUCTS	DO	1,222,836
NONEDIBLE FISHERY PRODUCTS		
OILS, FISH AND MARINE ANIMAL:		
COD:		
INDUSTRIAL	1,000 GALLONS	708
MEDICINAL	DO	855
HALIBUT LIVER	DO	2
HERRING	DO	599
SEAL	DO	1
SHARKS, INCLUDING GRAYFISH, BODY	DO	1
SOD	DO	37
WHALE:		
SPERM:		
REFINED	DO	978
CRUDE	DO	7,954
OTHER	DO	1
OTHER:		
BODY	DO	88
LIVER	DO	33
TOTAL FISH AND MARINE ANIMAL OIL	DO	11,257
		324
		826
		22
		206
		(1)
		(1)
		10
		928
		5,451
		4
		33
		926
		8,730

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

GENERAL REVIEW

IMPORTS OF FISHERY PRODUCTS ENTERED FOR CONSUMPTION,
1962 - Continued

(VALUE IN THOUSANDS OF DOLLARS)

ITEM		QUANTITY	VALUE
NONEDIBLE FISHERY PRODUCTS - CONTINUED			
MEAL AND SCRAP:			
ANIMAL FEED	1,000 TONS	238	23,404
FERTILIZER	DO	14	894
TOTAL MEAL AND SCRAP	-	252	24,298
COD LIVER OIL CAKE AND MEAL	1,000 POUNDS	610	49
FISH SOLUBLES	1,000 TONS	6	425
FISH SOUND	1,000 POUNDS	27	65
FISH LIVERS FOR DRUGS	DO	14	2
GLUE	DO	889	150
ISINGLASS	DO	32	24
PEARL ESSENCE	DO	43	294
AQUARIUM FISH (INCLUDING GOLDFISH)	-	-	442
FISH (OTHER THAN FOR HUMAN CONSUMPTION)	-	-	4,549
CUTTLEFISH BONE	1,000 POUNDS	281	147
SHELLS AND BUTTONS:			
SHHELLS, UNMANUFACTURED:			
MOTHER-OF-PEARL AND TROCUS SHELL	DO	896	440
OTHER	DO	2,648	251
SHELL AND MOTHER-OF-PEARL, ORNAMENTED	-	-	341
OCEAN AND FRESH-WATER PEARL OR SHELL BUTTONS AND BLANKS	1,000 GROSS	528	531
PEARLS:			
CULTURED	-	-	18,198
NATURAL	-	-	737
TOTAL PEARLS	-	-	18,935
WHALEBONE	-	-	(2)
AMBERGRIS	1,000 POUNDS	(2)	11
SPERMACETI WAX	DO	160	34
AQUATIC LEATHERS:			
FISH AND SHARK SKINS, RAW OR SALTED	DO	1,002	74
SEAL SKINS:			
RAW (NOT FUR SKINS)	DO	208	197
FUR SKINS	1,000 PIECES	46	692
WALRUS LEATHER	1,000 POUNDS	7	15
REPTILE SKINS (RAW)	1,000 PIECES	5,911	3,501
REPTILIAN AND SHARK SKIN PRODUCTS	-	-	7,462
MOSS AND SEAWEEDS	-	-	355
KELP	1,000 POUNDS	46,250	197
AGAR-AGAR	DO	627	965
SODIUM ALGINATE	DO	393	270
SPONGES:			
SHEEPSWOL	DO	9	40
YELLOW, GRASS OR VELVET	DO	12	25
HARDHEAD, REEF AND OTHER	DO	64	602
TOTAL SPONGES	DO	105	667
CORAL, UNCUT, UNMANUFACTURED	DO	507	53
TOTAL NONEDIBLE FISHERY PRODUCTS	-	-	74,366
GRAND TOTAL	-	-	475,248

1/ INCLUDES BUREAU OF CUSTOMS DATA ON IMPORTS OF FRESH HERRING INTO MAINE, WHICH AMOUNTED TO 62,489,915 POUNDS. BUREAU OF THE CENSUS DATA, WHICH DID NOT INCLUDE MOST ENTRIES VALUED AT LESS THAN \$250 AMOUNTED TO 11,416,165 POUNDS.

2/ LESS THAN 1,000 UNITS.

NOTE:--THE DATA INCLUDE IMPORTS INTO UNITED STATES TERRITORIES AND POSSESSIONS OTHER THAN TUNA LANDED IN AMERICAN SAMOA BY JAPANESE FISHING VESSELS. IMPORTS OF FRESH AND FROZEN "OTHER TUNA" INCLUDE 1,448,000 POUNDS OF SKIPIACK, AND 3,360,000 POUNDS OF YELLOWFIN TUNA LANDED BY UNITED STATES FLAG VESSELS IN SOUTH AMERICA AND TRANSHIPPED TO CALIFORNIA. THIS CATCH HAS NOT BEEN INCLUDED IN CALIFORNIA CATCH STATISTICS.

SOURCE: DEPARTMENT OF COMMERCE, BUREAU OF THE CENSUS.

GENERAL REVIEW

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U. S. IMPORTS OF FISHERY PRODUCTS, BY COUNTRY OF ORIGIN, 1962

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

COUNTRY	EDIBLE		NONEDIBLE	TOTAL
	<u>QUANTITY</u>	<u>VALUE</u>	<u>VALUE</u>	<u>VALUE</u>
NORTH AMERICA:				
GREENLAND	7,399	1,695	-	1,695
CANADA	405,636	108,913	7,244	116,157
MIQUELON AND ST. PIERRE ISLANDS	1,516	356	22	378
MEXICO	98,715	53,324	214	53,538
GUATEMALA	2,309	1,498	11	1,509
BRITISH HONDURAS	392	301	20	321
EL SALVADOR	7,304	5,100	-	5,100
HONDURAS	572	430	43	473
NICARAGUA	2,456	1,244	8	1,252
COSTA RICA	1,788	967	2	969
REPUBLIC OF PANAMA	10,181	7,845	39	7,884
CANAL ZONE	160	28	-	28
SAHAMAS	1,841	908	78	986
CUBA	97	97	1	98
JAMAICA	302	110	22	132
HAITI	77	78	10	86
DOMINICAN REPUBLIC	37	33	1	34
LEEWARD AND WINDWARD ISLANDS	34	13	2	15
TRINIDAD AND TOBAGO ISLANDS	15,414	1,893	21	1,914
NETHERLANDS ANTILLES	61	39	-	39
FRENCH WEST INDIES	9	12	-	12
TOTAL	556,300	184,884	7,738	192,622
SOUTH AMERICA:				
COLOMBIA	2,208	1,597	576	2,173
VENEZUELA	11,717	5,214	28	5,242
BRITISH GUIANA	4,129	3,582	60	3,642
SURINAM	1,036	969	1	970
FRENCH GUIANA	-	-	(1)	(1)
ECUADOR	20,417	6,312	132	6,444
PERU	41,586	6,753	18,065	24,818
BOLIVIA	-	-	320	320
CHILE	1,532	1,156	998	2,154
BRAZIL	4,754	4,653	2,171	6,824
PARAGUAY	-	-	29	29
URUGUAY	215	92	56	148
ARGENTINA	770	164	677	841
TOTAL	88,364	30,492	23,113	53,605
EUROPE:				
ICELAND	51,513	11,213	394	11,607
SWEDEN	1,458	509	1	510
NORWAY	60,237	17,713	1,224	18,937
DENMARK	20,207	6,531	21	6,552
UNITED KINGDOM	5,578	1,333	1,187	2,520
IRELAND	825	108	6	114
NETHERLANDS	4,110	1,405	1,592	2,997
BELGIUM AND LUXEMBOURG	76	38	62	100
FRANCE	6,281	1,116	1,330	2,446
WEST GERMANY	9,919	2,154	2,355	4,510
AUSTRIA	-	-	92	92
SWITZERLAND	-	-	99	99
FINLAND	5	1	-	1
POLAND AND DANZIG	103	16	(1)	16
UNION OF SOVIET SOCIALIST REPUBLICS	43	169	-	169
AZORES	1,660	523	-	523
SPAIN	8,046	2,092	236	2,328
PORTUGAL	13,069	5,792	191	5,983
GIBRALTAR	2	1	-	1
MALTA AND GOZO	-	-	10	10
ITALY	594	371	206	577
YUGOSLAVIA	131	49	(1)	49
GREECE	28	11	668	679
RUMANIA	1	16	-	16
TURKEY	36	16	(1)	16
TOTAL	183,622	51,177	10,505	61,682

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

GENERAL REVIEW

**U. S. IMPORTS OF FISHERY PRODUCTS,
BY COUNTRY OF ORIGIN, 1962 - Continued**

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

COUNTRY	EDIBLE		NONEDIBLE	TOTAL
	QUANTITY	VALUE	VALUE	VALUE
ASIA:				
SYRIA	61	42	-	42
LEBANON	-	-	108	108
IRAN	1,723	1,297	1	1,298
ISRAEL	-	-	1	1
JORDAN	-	-	(1)	(1)
KUWAIT	415	223	-	223
SAUDI ARABIA	-	-	1	1
ARABIA PENINSULA STATES	-	-	1	1
ADEN	-	-	20	20
STATE OF BAHRAIN	51	40	-	40
AFGHANISTAN	-	-	1	1
INDIA	6,442	4,415	1,223	5,638
PAKISTAN	3,231	2,196	22	2,218
BURMA	-	-	7	7
THAILAND	253	192	47	239
VIET-NAM	132	88	-	88
FEDERATION OF MALAYA	895	158	52	210
STATE OF SINGAPORE	4	1	63	64
REPUBLIC OF INDONESIA	22	3	6	9
REPUBLIC OF THE PHILIPPINES	233	53	416	469
REPUBLIC OF KOREA	1,846	1,022	147	1,169
HONG KONG	1,773	1,706	126	1,832
TAIWAN	1,749	287	2	289
JAPAN	270,462	77,513	27,733	105,246
NANSEI AND NANPO ISLANDS	1,923	315	2	317
TOTAL	291,215	89,551	29,979	119,530
AUSTRALIA AND OCEANIA:				
AUSTRALIA	12,066	14,469	415	14,884
NEW GUINEA	-	-	13	13
NEW ZEALAND	2,691	3,116	26	3,142
BRITISH WESTERN PACIFIC ISLANDS	17,762	3,142	(1)	3,142
FRENCH PACIFIC ISLANDS	-	-	20	20
TRUST TERRITORIES OF THE PACIFIC ISLANDS	-	-	5	5
TOTAL	32,519	20,727	479	21,206
AFRICA:				
MOROCCO	1,320	403	311	714
TUNISIA	-	-	7	7
LIBYA	-	-	1	1
EGYPT	1,600	1,165	4	1,169
CANARY ISLANDS	5,310	696	-	696
SPANISH AFRICA	6	4	-	4
FEDERAL REPUBLIC OF CAMEROON	6	1	4	5
WESTERN EQUATORIAL AFRICA	-	-	55	55
WESTERN AFRICA	4,878	660	10	670
GHANA	157	15	3	18
FEDERATION OF NIGERIA	-	-	277	277
BRITISH WEST AFRICA	16,930	2,177	1	2,178
ANGOLA	1,722	554	-	554
WESTERN PORTUGUESE AFRICA	456	150	-	150
REPUBLIC OF THE CONGO	12	3	1	4
SOMALI REPUBLIC	-	-	4	4
ETHIOPIA	768	142	2	144
FRENCH SOMALILAND	-	-	3	3
BRITISH EAST AFRICA	30	28	102	130
MOZAMBIQUE	94	92	-	92
MALAGASY REPUBLIC	-	-	13	13
REPUBLIC OF SOUTH AFRICA	37,328	17,956	1,730	19,686
FEDERATION OF RHODESIA AND NYASALAND	-	-	21	21
TOTAL	70,817	24,048	2,549	26,597
GRAND TOTAL	1,222,837	400,879	74,363	475,242

1/ LESS THAN \$500.

SOURCE: --DEPARTMENT OF COMMERCE, BUREAU OF THE CENSUS.

GENERAL REVIEW

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U. S. EXPORTS OF FISHERY PRODUCTS, BY COUNTRY OF DESTINATION, 1962

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

COUNTRY	EDIBLE		NONEDIBLE	TOTAL
	QUANTITY	VALUE	VALUE	VALUE
NORTH AMERICA:				
CANADA	18,703	6,455	2,391	8,846
MIQUELON ISLANDS	1	1	-	1
MEXICO	169	95	279	374
GUATEMALA	457	101	11	112
EL SALVADOR	979	204	3	207
HONDURAS	69	18	1	19
NI CARAGUA	508	100	-	100
COSTA RICA	610	129	2	131
REPUBLIC OF PANAMA	470	132	-	132
CANAL ZONE	45	20	1	21
BERMUDA	287	140	17	157
BAHAMAS	337	125	6	131
JAMAICA	850	232	14	246
HAITI	6	2	-	2
DOMINICAN REPUBLIC	305	85	14	99
LEEWARD AND WINDWARD ISLANDS	40	18	(1)	18
BARBADOS	9	10	1	11
TRINIDAD AND TOBAGO ISLANDS	63	48	13	61
NETHERLANDS ANTILLES	304	188	(1)	188
FRENCH WEST INDIES	1	1	-	1
TOTAL	24,213	6,104	2,753	10,857
SOUTH AMERICA:				
COLOMBIA	13	5	17	22
VENEZUELA	401	254	20	274
BRITISH GUIANA	18	11	-	11
SURINAM	285	67	5	72
ECUADOR	958	168	3	171
PERU	41	21	1	22
BOLIVIA	10	9	-	9
CHILE	48	23	8	31
BRAZIL	9	6	43	49
URUGUAY	7	4	1	5
ARGENTINA	6	3	37	40
TOTAL	1,796	571	135	706
EUROPE:				
SWEDEN	400	396	680	1,076
NORWAY	25	17	366	403
DENMARK	277	315	22	337
UNITED KINGDOM	7,699	6,601	1,648	8,249
IRELAND	2	1	-	1
NETHERLANDS	701	473	1,800	2,273
BELGIUM AND LUXEMBOURG	543	260	266	546
FRANCE	1,013	674	400	1,074
WEST GERMANY	395	308	1,159	1,467
AUSTRIA	2	2	6	8
SWITZERLAND	183	200	1,512	1,712
FINLAND	-	-	2	2
SPAIN	20	18	173	191
PORTUGAL	10	6	1	7
GIBRALTAR	1	1	-	1
MALTA AND GOZO	25	3	-	3
ITALY	1,397	174	694	868
YUGOSLAVIA	2	1	1	2
GREECE	4,778	485	2	487
TURKEY	-	-	90	90
CYPRUS	25	3	-	3
TOTAL	17,498	9,958	8,642	18,800
ASIA:				
SYRIA	4	2	-	2
LEBANON	38	35	-	35
IRAQ	15	13	-	13
IRAN	31	16	7	23
ISRAEL	8	3	2	5
JORDAN	1	(1)	6	6
KUWAIT	11	8	-	8
SAUDI ARABIA	29	29	-	29

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

GENERAL REVIEW

U. S. EXPORTS OF FISHERY PRODUCTS, BY COUNTRY OF DESTINATION, 1962 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

COUNTRY	EDIBLE		NONEDIBLE	TOTAL
	QUANTITY	VALUE	VALUE	VALUE
ASIA - CONTINUED:				
ARABIA PENINSULA STATES	3	3	-	3
AOEN.	1	7	-	1
STATE OF BAHRAIN.	10	7	-	7
INDIA	3	2	-	2
PAKISTAN.	32	12	1	13
BURMA	3	2	(1)	2
THAILAND.	42	14	3	17
VIET-NAM.	74	49	9	56
CAMBODJA.	-	-	2	2
FEDERATION OF MALAYA.	422	154	-	154
STATE OF SINGAPORE.	325	213	-	213
REPUBLIC OF INDONESIA	14	8	2	10
REPUBLIC OF THE PHILIPPINES	2,863	318	85	403
REPUBLIC OF KOREA	6	5	3	8
HONG KONG	701	360	10	390
JAPAN	1,058	939	1,254	2,193
NANSEI AND NANPO ISLANDS.	25	21	-	21
TOTAL	5,719	2,234	1,384	3,618
AUSTRALIA AND OCEANIA:				
AUSTRALIA	315	183	28	211
NEW GUINEA.	(1)	(1)	-	(1)
NEW ZEALAND	797	104	18	122
BRITISH WESTERN AND PACIFIC ISLANDS.	23	5	-	5
FRENCH PACIFIC ISLANDS.	425	81	-	81
TRUST TERRITORIES OF THE PACIFIC ISLANDS.	61	10	1	11
TOTAL	1,621	383	47	430
AFRICA:				
MOROCCO	1	1	-	1
LIBYA	7	8	(1)	8
UNITED ARAB REPUBLIC.	6	3	-	3
SUDAN	2	1	-	1
CANARY ISLANDS.	11	5	67	72
WESTERN AFRICA.	4	2	-	2
GHANA	1,336	193	1	194
FEDERATION OF NIGERIA	(1)	(1)	(1)	(1)
LIBERIA	169	82	1	83
REPUBLIC OF THE CONGO	3,449	733	4	737
ETHIOPIA.	3	3	-	3
FRENCH SOMALILAND	1	(1)	-	(1)
MAURITIUS AND DEPENDENCIES.	3	2	-	2
BRITISH EAST AFRICA	3	2	-	2
MOZAMBIQUE.	11	8	-	8
REPUBLIC OF SOUTH AFRICA.	638	144	24	168
FEDERATION OF RHODESIA AND NYASALAND.	39	33	-	33
TOTAL	5,683	1,220	97	1,317
GRAND TOTAL	56,530	22,470	13,256	35,729

1/ LESS THAN 500 POUNDS OR \$500.

SOURCE:--DEPARTMENT OF COMMERCE, BUREAU OF THE CENSUS.



SECTION 2 - NEW ENGLAND FISHERIES

The commercial fisheries of the New England States (Maine, New Hampshire, Massachusetts, Rhode Island, and Connecticut) in 1962 yielded 872 million pounds valued at nearly \$66 million to the fishermen--up 112 million pounds (15 percent) and \$5 million (8 percent). The increase in poundage occurred because sea herring landings in Maine returned to normal. The increased value was due partly to increased landings; but mostly to higher prices.

In 1962, landings in Maine and Massachusetts increased, but in other New England States, they were lower than in 1961. Massachusetts led with 56 percent of the landings, followed by Maine with 34; Rhode Island, 9; and Connecticut and New Hampshire, 1 percent. In total value, Massachusetts accounted for 61 percent; Maine, 31; Rhode Island, 5; Connecticut, 2; and New Hampshire, 1 percent. The percentage breakdown of value by States was identical with the previous year.

Sea herring was the major contributor to the increase in total landings at New England ports. Landings of yellowtail flounders, tuna, whiting, butterfish, cod, and lobsters were also higher than the previous year. Ocean perch, alewives, pollock, menhaden, and sea scallops were taken in lesser volume than in 1961.

Fishermen and vessels. In 1962, 21,536 fishermen using 727 vessels of 5 net tons or greater and 11,113 other craft, made landings at New England ports. This was a decrease of 201 fishermen, 11 vessels, and 751 other craft compared with 1961. Twenty-eight vessels were added to the New England fishing fleet in 1962; however, only six were new. The remainder were generally small, older vessels entering the fishery for the first time.

Vessel construction. The first vessels to be built under the Fishing Vessel Construction Differential Subsidy Program joined the fleet in 1962. The otter trawler Venus, a 73-foot wooden vessel, fished out of New Bedford; while the 134-foot steel trawler Massachusetts, which joined the fleet in December, fished out of Boston. Three other vessels were under construction at the end of the year. The construction program is authorized under Public Law 86-516, which was passed to provide financial assistance to correct inequities between foreign and domestic costs of construction of fishing vessels. Legislation was introduced in Congress, but not acted on during 1962, to increase the amount of the subsidy from the present maximum of 33 1/3 percent to 50 percent, and also to remove some of the restrictions in the law.

The first U.S. stern trawler was launched in September at Warren, R.I. The hull measures 83 feet; the fish hold has a capacity of 172,000 pounds. Push-button operation of automated machinery handles the nets used in the trawling operation. In addition to otter trawling, the vessel was designed for easy conversion to purse seining and scallop dredging.

Processing. The value of the manufactured fishery products produced in 1962 in the New England States amounted to \$132.9 million--an increase of \$25.1 million (23 percent) compared with the previous year. The value of the Maine manufactured products was up \$13.1 million (39 percent) and Massachusetts up \$11.7 million (17 percent) while there were slight increases in New Hampshire, Rhode Island, and Connecticut. A \$12.5-million increase in the value of the pack of Maine sardines was chiefly responsible for the increased value of the New England manufactured products. Other items contributing to the increase were flounder, haddock, and breaded sea scallops.

The U.S. production of fish sticks and portions amounted to 151 million pounds compared with 130 million in 1961. Over 40 percent of the total was produced in New England. Although the production of fish sticks increased 3 percent to 72 million pounds, the greatest gain was in fish portions, which jumped 31 percent to a total of 79 million pounds. Handling, storing, and preparing fish sticks and portions provided much needed employment to New England workers.

NEW ENGLAND FISHERIES

Weather. Twelve vessels and 23 fishermen were lost at sea--the greatest loss of life in many years, indicating that commercial fishing remains a hazardous occupation. Severe weather the last quarter of the year resulted in many of the vessel losses and also reduced fish production through the loss of fishing time. A mid-November storm caught many vessels at sea, resulting in fishermen requesting the Weather Bureau for more frequent and current weather reports. Subsequently, the frequency of marine weather forecasts was increased from two to four times daily.

Labor. There were no important changes affecting labor-management contracts in 1962, no work stoppages, and no tieup of vessels because of labor or management disputes. Slight wage increases were received by one group of shore employees in Gloucester, and increases were secured by stevedores in New Bedford. Employees in most large New England ports were working under two- and three-year agreements due to expire in 1963 and 1964.

Tuna. A big step in the development of an East Coast tuna fishery occurred in 1962, when five West Coast seiners and two small New England seiners caught 6.6 million pounds of tuna, principally bluefin and skipjack. Fairly large catches of skipjack came as a surprise to the industry. The tuna were delivered to canneries in Maine, Maryland, Puerto Rico, and the West Coast. One large shipment was sent to Italy. Unloading facilities for tuna were improved at New Bedford and Providence. Massachusetts sports fishermen pressed for the coastal area to be closed to tuna seiners, but no official action was taken.

Swordfish. The introduction of the longline method of fishing for swordfish was one of the year's bright spots. The two vessels which pioneered this fishery proved decisively that swordfishing off the New England coast can be a year-round fishery. They caught more than 1,000 swordfish and nearly 400 tuna during the closing months of 1962. The largest trip was landed at Woods Hole on December 20 by the Captain Bill III--366 swordfish and 44 tuna. This type of fishery, old in many parts of the world, has caught the imagination of the fishermen and appears to provide a welcome diversification for much of the fleet during periods of the year.

Herring. Maine sea herring landings were up sharply from the disastrously poor catch of 1961. The 1962 landings of 156.7 million pounds were 188 percent greater than in 1961. The sardine pack of 2.1 million standard cases was 185 percent higher than in the previous year, when the catch amounted to 54.5 million pounds. Legislation passed in 1961 allowed the fishery to be prosecuted on a year-round basis, but the majority of canneries closed well before the year ended. Imports of sea herring from Canada amounted to 62.1 million pounds, 43 percent above the previous year. U.S. imports of canned sardines continued to increase despite the heavier domestic pack. Imports of canned sardines in oil (32.6 million pounds) rose 17 percent, and imports of canned sardines not in oil (20.3 million pounds) were up 39 percent over 1961.

Ocean perch. Landings of ocean perch continued the steady decline that began in 1952. The 124 million pounds landed in 1962 was the smallest catch since 1944. Landings in Maine dropped 10 percent from the previous year to 69 million pounds, while the Massachusetts catch remained steady at 55 million. A scarcity of fish in local and Canadian waters, more profit in fishing for other groundfish species, and an aging fleet all contributed to the decline of the ocean perch landings. No new vessels have joined the ocean perch fleet since 1952.

Whiting. Landings of whiting were 98 million pounds, compared with 94 million in 1961. Massachusetts led with 75 million pounds, followed by Maine with 18 million, and lesser amounts by Rhode Island and Connecticut. Maine landings were 26 percent above 1961 and could reflect the effects of the 1961 legislation that limited gear and vessel size in inshore waters. This legislation kept many of the larger out-of-State dragnets off the whiting grounds. An attempt was made to organize the Gloucester whiting fleet for the purpose of obtaining

better prices and upgrading the quality of the fish. The necessary unity was not sufficient to carry through the season, and the venture failed. In general, the industry was once again plagued by oversupply.

The Bureau's Technological Laboratory at Gloucester completed a study of handling and processing whiting and the development of new whiting products. The results of the study were presented to the industry in May and met with an excellent reception. The Bureau outlined actions which the industry could undertake both ashore and afloat to insure a consistently high-quality product and introduced several new products utilizing whiting.

Groundfish. Landings of groundfish (cod, cusk, white hake, haddock, pollock, and ocean perch) decreased by 3 percent but due to improved market conditions, the total amount paid fishermen rose over 7 percent. As a result of increased imports, the supply of groundfish fillets in the United States increased to 315 million pounds in 1962. Groundfish fillet imports reached another new high of 221 million pounds, which represented 70 percent of the total supply for the U.S. consumer. A large percentage of these fillets was used to produce fish sticks and portions. One hundred forty-four million pounds of the imported fillets were in the form of blocks and slabs--21 percent more than in 1961.

Menhaden. Landings of menhaden declined 9 percent from the previous year. Massachusetts deliveries were 16 million pounds compared with 3 million the previous year, while in Rhode Island receipts declined from 22.6 million pounds in 1961 to 7.7 million. Several million additional pounds of menhaden taken by Rhode Island seiners were landed on Long Island, N.Y. for processing in that State.

Other industrial species. In response to an improved market, landings of unclassified species used for industrial purposes were up 10 million pounds (21 percent). Point Judith, R.I. remained the leading port for this fishery, with landings of 37.8 million pounds. New Bedford was second with 13.6 million pounds. Most of the fish were taken in otter trawls.

Sea scallops. Landings of sea scallop meats declined to 22 million pounds valued at \$8.9 million--9 percent less in poundage and 2 percent less in value compared with the record year, 1961. Imports increased for the seventh consecutive year and amounted to 12 million pounds of meats--a 34 percent rise over the previous year. All scallops from Canada were produced by an expanding scallop fleet in that country. These vessels fish the same area as the U.S. fleet, and about 80 percent of the Canadian landings are shipped to U.S. markets. According to biologists, the increased scallop catches of recent years have been dependent upon a single large year class that reached commercial size in 1959 and is now declining. No year class of comparable size has entered the fishery since that time.

Other fisheries. Record catches were made of yellowtail flounders, 56.7 million pounds; butterfish, 6.2; tuna, 7.1; and striped bass, 0.7 million pounds. Lobsters remained the leading species in value, bringing the fishermen a record \$14.4 million. Mackerel reached a record low of 1.8 million pounds for this once plentiful species.

New Bedford continued to reach new peaks as a fishing port. A record 119.8 million pounds of fish and shellfish were landed, valued at \$16.5 million--an alltime high value for a New England port. Yellowtail flounder landings and value were both new highs. In addition, the port made an active bid for its share of the tuna seining industry when 3.6 million pounds were unloaded for transshipment to other points. Work began on a 10-million-pound-capacity cold storage warehouse and a large pet food canning plant was expected to be completed for the 1963 season. Of the six new vessels which joined the New England fleet in 1962, four will fish out of New Bedford.

NEW ENGLAND FISHERIES

Russian fishing. The activities of Russian vessels--large stern trawlers, smaller conventional side trawlers, and gill netters--increased in the waters adjacent to New England. Occasionally, vessels from other European countries were reported in these waters. Foreign vessels were first reported operating off New England in 1960, and the number has increased each year. Aside from the more obvious implications of the effect such intensive fishing may have on the fish populations, no really serious incidents occurred between domestic and foreign fishermen. There were, however, several instances of U.S. vessels fouling Soviet nets in their propellers, and some resentment was expressed by our fishermen toward the miles of gill nets they were forced to avoid.

New research vessel. The Bureau's largest and best equipped research vessel, the Albatross IV, was launched at Slidell, La. in October and arrived at its home port of Woods Hole, Mass. in November. Built at a cost of \$1.8 million, the 187-foot vessel replaces the Albatross III, a converted commercial fishing trawler which was deactivated in 1959 after being in Government service since 1939. Completely equipped as a floating laboratory, the Albatross IV is designed to operate efficiently in any climate and in any weather. The vessel is the first large stern trawler to be built in this country. Twin diesels drive the vessel at 13 knots, with a cruising range of 9,000 miles. Complete facilities include wet and dry laboratories, photographic and electronic center, underwater television, and sonar. Quarters are provided for a crew of 22 and a scientific staff of 16.

Irradiation laboratory. The Congress of the United States voted an appropriation of \$650,000 in 1962 for the Atomic Energy Commission to construct an irradiation laboratory at Gloucester. The laboratory will be located adjacent to the Technological Laboratory of the Bureau of Commercial Fisheries and will be operated by both agencies. Tests already conducted with haddock and soft clams indicate that irradiation pasteurization shows considerable promise of becoming a new and useful method for the preservation of seafoods, both ashore and afloat.

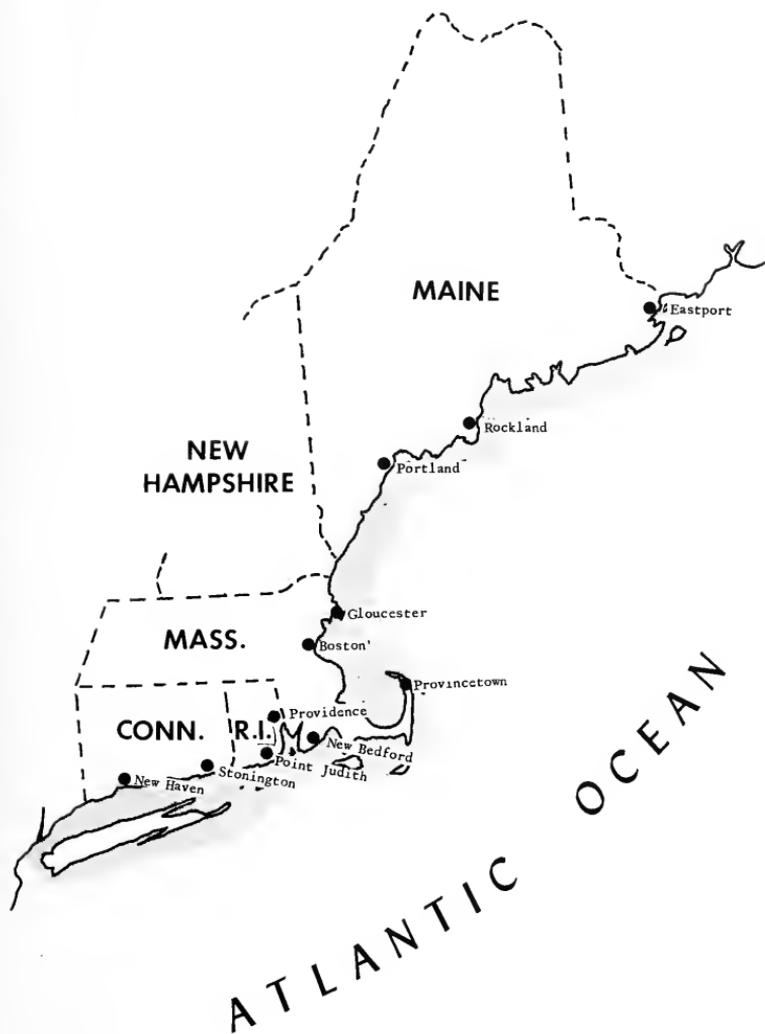
Shellfish laboratory. In 1962, the Public Health Service started constructing the Northeast Shellfish Sanitation Research Center, the first of its kind in the United States, at Saunderson-town, R.I. The Center will employ about 60 persons, 25 of which will be scientists.

Legislation. The Massachusetts legislature established a permanent Marine Fisheries Advisory Commission composed of nine men, who by their experience and occupation qualify on one or more of the various aspects of the marine fisheries of Massachusetts. Included among their number are representatives of commercial and sport fishing interests. The group will act as an advisory commission to the legislature, but will also have authority to make new regulations regarding the marine resources of that State.

Further information. The following tables contain summarized and detailed information on the 1962 operating units and catch of fish and shellfish in the New England States. Condensed summary data on the operating units and catch by States of the New England area, appearing on the following pages, have been previously published in Current Fishery Statistics No. 3331. Additional data on many aspects of the New England fisheries may be found in Maine, Massachusetts, and Rhode Island monthly and annual landing bulletins released by the Branch of Statistics and in daily, monthly, and annual reports published by the Bureau's Fishery Market News Office, Commonwealth Pier, Boston, Mass.

Acknowledgments. The Bureau acknowledges the assistance of the following organizations in the collection of data appearing in this section: The Maine Department of Sea and Shore Fisheries; the New Hampshire Fish and Game Department; The Massachusetts Department of Natural Resources, Division of Marine Fisheries; the Rhode Island Department of Agriculture and Conservation, Division of Fish and Game; the Connecticut State Board of Fisheries and Game; and the Connecticut State Shell Fish Commission.

NEW ENGLAND FISHERIES



NEW ENGLAND STATES

NEW ENGLAND FISHERIES

SECTIONAL SUMMARIES

SUMMARY OF CATCH, 1962

(MILLIONS OF POUNDS AND MILLIONS OF DOLLARS)

STATE	FISH		SHELLFISH, ETC.		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
MAINE	260	6	34	14	294	20
NEW HAMPSHIRE	(1)	(1)	1	1	1	1
MASSACHUSETTS	46.3	28	31	12	494	40
RHODE ISLAND	73	2	4	2	77	4
CONNECTICUT	5	(1)	1	1	6	1
TOTAL	801	36	71	30	672	66

1/ LESS THAN 500,000 POUNDS OR \$500,000.

SUMMARY OF OPERATING UNITS, 1962

ITEM	MAINE	NEW HAMPSHIRE	MASSACHUSETTS	RHODE ISLAND	CONNECTICUT	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS	635	-	3,416	372	132	4,169
ON BOATS AND SHORE:						
REGULAR	5,157	95	836	436	116	6,640
CASUAL	3,225	324	6,000	719	459	10,727
TOTAL	9,017	419	10,252	1,527	707	21,536
VESSELS, MOTOR	153	-	502	93	51	727
GROSS TONNAGE	9,290	-	36,406	3,165	1,542	45,476
BOATS:						
MOTOR	5,899	195	2,876	981	463	10,414
OTHER	315	9	308	35	32	699
GEAR:						
HAUL SEINES, COMMON	-	-	9	4	7	20
LENGTH, YARDS	-	-	438	766	508	1,712
STOP SEINES	123	-	-	-	-	123
LENGTH, YARDS	57,350	-	-	-	-	57,350
PURSE SEINES:						
HERRING	5	-	-	-	-	5
LENGTH, YARDS	1,850	-	-	-	-	1,850
MACKEREL	-	-	-	2	-	2
LENGTH, YARDS	-	-	-	600	-	600
MENHADEN	-	-	-	6	-	6
LENGTH, YARDS	-	-	-	1,930	-	1,930
TUNA	-	-	7	1	-	7
LENGTH, YARDS	-	-	4,695	900	-	4,695
OTHER	13	-	4	-	-	17
LENGTH, YARDS	4,550	-	2,075	-	-	6,625
BAG NETS	8	5	-	-	-	13
OTTER TRAWLS:						
FISH	127	-	421	60	61	631
YARDS AT MOUTH	2,831	-	11,153	1,929	1,161	15,575
SHRIMP	25	-	-	-	-	25
YARDS AT MOUTH	479	-	-	-	-	479
WEIRS	96	8	-	-	-	106
POUND NETS, FISH	-	-	56	-	-	56
FLOATING TRAPS	7	-	29	17	-	53
FYKE AND HOOP NETS, FISH	1	-	-	-	6	7
POTS AND TRAPS:						
CONCH	-	-	100	307	495	902
CRAB	-	140	62	720	-	922
EEL	-	-	360	550	410	1,320
LOBSTER	767,582	17,000	96,701	7,292	6,678	899,453
BOX TRAPS	9	-	-	-	-	9
GILL NETS:						
ANCHOR, SET OR STAKE	8	-	20	-	10	37
SQUARE YARDS	63,180	-	120,640	-	1,670	182,690
DRIFT:						
SHAD	-	-	-	-	66	66
SQUARE YARDS	-	-	-	-	113,130	113,130
OTHER	-	1	17	-	6	24
SQUARE YARDS	-	2,500	75,000	-	2,033	79,533
LINES:						
HAND	244	410	2,202	231	43	3,130
HOOKS	307	820	2,386	343	77	3,933

(CONTINUED ON NEXT PAGE)

NEW ENGLAND FISHERIES

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SUMMARY OF OPERATING UNITS, 1962 - Continued

ITEM	MAINE	NEW HAMPSHIRE	MASSACHUSETTS	RHODE ISLAND	CONNECTICUT	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
GEAR - CONTINUED:						
LINES - CONTINUED:						
TROLL:						
TUNA	-	-	-	2	-	2
HOOKS	-	-	-	2	-	2
OTHER	-	-	15	13	-	28
HOOKS	-	-	80	4	-	199
LONG OR SET WITH HOOKS	112	5	80	-	-	199
HOOKS	446,000	7,500	217,250	3,860	-	672,630
DIP NETS, COMMON	82	-	205	-	280	567
HARPOONS:						
SWORDFISH	-	-	81	20	3	103
OTHER	28	-	13	-	-	41
SPEARS	-	-	28	-	-	28
DROEGES:						
CLAM	-	-	37	20	7	64
YARDS AT MOUTH	-	-	23	20	7	50
MUSSEL	-	-	6	1	-	7
YARDS AT MOUTH	-	-	6	2	-	8
OYSTER, COMMON	3	-	23	-	22	48
YARDS AT MOUTH	3	-	23	-	28	54
SCALLOP	71	-	1,865	88	-	2,029
YARDS AT MOUTH	126	-	1,931	73	-	2,074
TONGS:						
OYSTER	-	-	47	6	11	64
OTHER	-	-	126	758	8	892
RAKES	416	-	603	189	-	1,210
HOCES	2,138	32	740	10	-	2,920
FORKS	-	-	9	-	-	9
DIVING OUTFITS	-	-	551	-	-	551

CATCH BY STATES, 1962

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	MAINE		NEW HAMPSHIRE		MASSACHUSETTS	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
FISH						
ALEWIVES	1,682	21	125	1	8,276	88
ANGLERFISH	-	-	-	-	16	(1)
BLUEFISH	-	-	-	-	34	4
BONITO	-	-	-	-	9	1
BUTTERFISH	5	(1)	-	-	1,098	118
COD	2,260	107	50	4	40,647	2,760
CUSK	609	31	7	(1)	1,242	70
EELS, COMMON	36	6	6	2	16	3
FLOUNDERS:						
BLACKBACK	73	4	-	-	12,594	1,467
DAB	516	25	-	-	3,904	297
FLUKE	-	-	-	-	3,795	894
GRAY SOLE	598	55	-	-	1,978	244
LEMON SOLE	1	(1)	-	-	2,689	633
YELLOWTAIL	17	1	-	-	50,835	3,825
UNCLASSIFIED	-	-	-	-	1	(1)
TOTAL FLOUNDERS	1,205	85	-	-	75,796	7,360
Haddock	2,545	196	30	3	131,558	10,701
HAKE:						
RED	-	-	-	-	5,340	56
WHITE	3,277	110	1	(1)	2,317	108
HALIBUT	92	30	2	1	160	48
HERRING, SEA	156,699	2,375	-	-	1,331	40
LAUNCE	-	-	-	-	341	18
MACKEREL	-	3	3	1	1,626	229
MENHADEN	40	-	-	-	16,032	159
OCEAN PERCH	69,453	2,867	-	-	54,530	2,556
POLLOCK	2,569	83	8	(1)	13,716	600
SALMON	(1)	(1)	-	-	(1)	(1)

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

NEW ENGLAND FISHERIES

CATCH BY STATES, 1962 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	MAINE		NEW HAMPSHIRE		MASSACHUSETTS	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
FISH - CONTINUED						
SCUP OR PORGY	-	-	-	-	1,388	67
SEA BASS	-	-	-	-	48	6
SHAD	(1)	(1)	-	-	7	1
SHARKS:						
GRAYFISH	694	4	-	-	-	-
UNCLASSIFIED	11	1	-	-	19	1
TOTAL SHARKS	705	5	-	-	19	1
SKATES	-	-	-	-	50	2
SMELT	100	27	69	23	-	-
STRIPED BASS	-	-	-	-	589	65
STURGEON	1	(1)	-	-	5	1
SWORDFISH	52	21	-	-	703	307
TAUTOG	-	-	-	-	15	(1)
TILEFISH	-	-	-	-	61	8
TUNA:						
BLUEFIN	76	12	-	-	5,784	436
SKIPJACK	-	-	-	-	65	6
WHITE PERCH	-	-	-	-	30	4
WHITING	17,832	274	-	-	75,384	1,656
WOLFFISH	44	1	(1)	(1)	596	34
UNCLASSIFIED:						
FOR FOOD	8	1	-	-	4,751	302
BAIT, REDUCTION, AND ANIMAL FOOD	1,074	7	-	-	19,405	145
TOTAL FISH	260,364	6,262	301	35	463,005	27,780
SHELLFISH, ETC.						
CRABS:						
GREEN	-	-	30	1	15	2
ROCK	1,752	68	20	1	54	4
TOTAL CRABS	1,752	68	50	2	69	6
LOBSTERS, NORTHERN	22,075	11,196	725	355	4,282	2,194
SHRIMP	352	51	-	-	36	6
CLAMS:						
HARD:						
PUBLIC	1	1	-	-	1,296	723
PRIVATE	-	-	-	-	23	18
RAZOR	-	-	-	-	31	14
SOFT, PUBLIC	1,981	694	-	-	530	368
SURF	-	-	-	-	10	2
TOTAL CLAMS	1,982	695	-	-	1,890	1,125
CONCHS	-	-	-	-	21	2
MUSSELS, SEA	7	1	-	-	556	42
OYSTERS, MARKET:						
PUBLIC:						
SPRING	1	1	-	-	15	10
FALL	-	-	-	-	31	25
PRIVATE:						
SPRING	-	-	-	-	13	19
FALL	-	-	-	-	19	27
TOTAL OYSTERS	1	1	-	-	78	81
PERIWINKLES AND COCKLES	35	11	-	-	-	-
SCALLOPS:						
BAY	-	-	-	-	1,261	933
SEA	2,169	876	-	-	19,549	7,979
SEA URCHINS	74	3	-	-	-	-
SQUID	1	(1)	-	-	1,387	75
IRISH MOSS	4,250	64	-	-	1,263	28
BLOODWORMS	583	516	5	4	5	4
SANDWORMS	678	421	8	5	12	10
TOTAL SHELLFISH, ETC.	33,959	14,103	788	366	30,409	12,485
GRAND TOTAL	294,323	20,365	1,089	401	493,414	40,265

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

NEW ENGLAND FISHERIES

CATCH BY STATES, 1962 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	RHODE ISLAND		CONNECTICUT		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
FISH						
ALEWIVES	-	-	19	(1)	10, 102	110
ANCHOVIES	31	2	-	-	31	2
ANGLERFISH	6	(1)	-	-	22	(1)
BLUEFISH	110	13	31	6	175	23
BONITO	61	8	-	-	70	9
BUTTERFISH	4, 941	403	134	10	6, 178	531
CARP	-	-	5	1	5	1
COO	699	60	290	25	43, 946	2, 956
CUSK	-	-	-	-	1, 858	101
EELS:						
COMMON	33	6	18	3	109	20
CONGER	8	(1)	-	-	8	(1)
FLOUNDERS:						
BLACKBACK	2, 035	121	1, 011	61	15, 713	1, 653
OAB	28	2	1	(1)	4, 449	324
FLUKE	675	156	124	30	4, 595	1, 080
GRAY SOLE	23	2	1	(1)	2, 600	301
LEMON SOLE	2	(1)	-	-	2, 692	633
YELLOWTAIL	5, 730	353	79	5	56, 661	4, 184
UNCLASSIFIED	-	-	-	-	1	(1)
TOTAL FLOUNDERS	8, 494	634	1, 216	96	86, 711	8, 175
HADDOCK:						
HADDOCK	29	2	7	1	134, 169	10, 903
HAKE:						
RED	93	2	13	(1)	5, 446	86
WHITE	15	1	1	(1)	5, 611	219
HALIBUT	-	-	-	-	254	79
HERRING, SEA	167	5	58	1	158, 255	2, 421
KING WHITING OR "KINGFISH"	2	(1)	-	-	2	(1)
LAUNCE	-	-	-	-	341	18
MACKEREL	146	26	5	1	1, 820	260
MENHADEN	7, 716	64	5	(1)	23, 753	223
OCEAN PERCH	-	-	-	-	123, 983	5, 223
POLLOCK	22	1	16	1	16, 331	685
SALMON	-	-	-	-	(1)	(1)
SCUP OR PORGY	6, 717	402	982	65	9, 087	534
SEA BASS	146	22	30	5	224	33
SEA ROBIN	99	1	12	(1)	111	1
SEA TROUT OR WEAKFISH, GRAY	7	1	5	1	12	2
SHAD	7	1	456	81	470	83
SHARKS:						
GRAYFISH	(1)	(1)	6	(1)	700	4
UNCLASSIFIED	2	(1)	1	(1)	33	2
TOTAL SHARKS	2	(1)	7	(1)	733	6
SKATES:						
SKATES	11	(1)	20	(1)	81	2
SMELT	1	(1)	(1)	(1)	170	50
STRIPED BASS	61	10	32	5	682	100
STURGEON	2	(1)	11	1	19	2
SUCKERS	-	-	2	(1)	2	(1)
SWELLFISH	3	(1)	1	(1)	4	(1)
SWORDFISH	109	48	3	1	867	377
TAUTOG	57	2	29	1	101	3
TILEFISH	68	7	-	-	129	15
TUNA:						
BLUEFIN	1, 192	85	-	-	7, 052	533
SKIPJACK	-	-	-	-	85	6
WHITE PERCH	7	1	-	-	37	5
WHITING	3, 989	96	532	13	97, 737	2, 039
WOLFFISH	-	-	-	-	640	35
UNCLASSIFIED:						
FOR FOOD	45	3	29	1	4, 833	307
BAIT, REDUCTION, AND ANIMAL FOOD	37, 754	227	554	8	56, 787	367
TOTAL FISH	72, 850	2, 133	4, 523	327	801, 043	36, 537

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

NEW ENGLAND FISHERIES

CATCH BY STATES, 1962 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	RHODE ISLAND		CONNECTICUT		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
SHELLFISH, ETC.						
CRABS:						
BLUE, HARD	-	-	2	1	2	1
GREEN	18	2	-	-	63	5
ROCK	160	18	-	-	1,986	91
TOTAL CRABS	178	20	2	1	2,051	97
LOBSTERS, NORTHERN	576	321	628	344	26,286	14,410
SHRIMP	-	-	-	-	388	57
CLAMS:						
HARD:						
PUBLIC	2,140	943	1	(1)	3,438	1,667
PRIVATE	-	-	261	94	284	112
OCEAN QUAHOG	67	7	-	-	67	7
RAZOR	-	-	-	-	31	14
SOFT, PUBLIC	5	3	-	-	2,516	1,265
SURF	-	-	-	-	10	2
TOTAL CLAMS	2,212	953	262	94	6,346	3,067
CONCHS	60	12	86	15	167	29
MUSSELS, SEA	2	(1)	-	-	565	43
OYSTERS, MARKET:						
PUBLIC:						
SPRING	4	3	6	4	26	18
FALL	5	5	-	-	36	30
PRIVATE:						
SPRING	-	-	119	164	132	183
FALL	-	-	81	113	100	140
TOTAL OYSTERS	9	8	206	281	294	371
PERIWINKLES AND COCKLES	-	-	-	-	35	11
SCALLOPS:						
BAY	3	4	161	144	1,425	1,061
SEA	6	2	-	-	21,724	8,657
SEA URCHINS	-	-	-	-	74	3
SQUID	943	75	148	10	2,479	160
IRISH MOSS	-	-	-	-	5,513	92
BLOODWORMS	-	-	-	-	593	524
SANDWORMS	-	-	-	-	698	436
TOTAL SHELLFISH, ETC.	3,969	1,395	1,493	889	70,638	29,238
GRAND TOTAL	76,839	3,526	6,016	1,216	871,681	65,775

1/ LESS THAN 500 POUNDS OR \$500.

NOTE:--STATISTICS ON THE CATCH OF FISH, CRUSTACEANS, AND SUCH MOLLUSKS AS SQUID AND OCTOPUS ARE SHOWN IN ROUND (LIVE) WEIGHT. THOSE FOR UNIVALVE AND BIVALVE MOLLUSKS (CLAMS, CONCHS, MUSSELS, OYSTERS, PERIWINKLES AND COCKLES, AND SCALLOPS) REPRESENT THE WEIGHTS OF MEAT EXCLUDING THE SHELL.



NEW ENGLAND FISHERIES

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CATCH OF CERTAIN SHELLFISH, 1962

(NUMBER AND BUSHELS)

SPECIES	MAINE		NEW HAMPSHIRE		MASSACHUSETTS		
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	
CRABS:							
BLUE, HARD	NUMBER	-	426,700	\$1,425	217,208	\$1,634	
GREEN	DO	-	60,000	700	160,500	4,102	
ROCK	DO	5,254,500	\$67,952	-	-	-	
CLAMS:							
HARD:	U. S. STANDARD						
PUBLIC	BUSHELS	127	797	-	-	117,791	723,184
PRIVATE	DO	-	-	-	-	2,082	18,209
RAZOR	DO	-	-	-	-	1,962	14,340
SOFT, PUBLIC	DO	132,060	894,395	-	-	40,792	367,152
SURF	DO	-	-	-	-	927	2,208
CONCHS.	DO	-	-	-	-	1,393	2,192
MUSSELS, SEA.	DO	467	750	-	-	55,600	41,700
OYSTERS, MARKET:							
PUBLIC:							
SPRING	DO	120	799	-	-	2,262	9,615
FALL	DO	-	-	-	-	4,846	24,861
PRIVATE:							
SPRING	DO	-	-	-	-	1,985	18,791
FALL	DO	-	-	-	-	2,969	27,710
PERIWINKLES AND							
COCKLES	DO	1,939	10,674	-	-	-	-
SCALLOPS:							
BAY	DO	-	-	-	-	200,561	933,271
SEA	DO	361,566	876,350	-	-	3,258,333	7,978,438

SPECIES	RHODE ISLAND		CONNECTICUT		TOTAL		
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	
CRABS:							
BLUE, HARD	NUMBER	-	4,560	\$537	4,560	\$537	
GREEN	DO	250,075	\$2,190	-	895,983	5,249	
ROCK	DO	480,000	18,300	-	5,955,000	91,054	
CLAMS:							
HARD:	U. S. STANDARD						
PUBLIC	BUSHELS	178,333	942,792	58	315	296,309	1,667,088
PRIVATE	DO	-	-	21,750	93,969	23,532	112,178
OCEAN QUAHOG	DO	6,710	6,712	-	-	6,710	6,712
RAZOR	DO	-	-	-	-	1,962	14,340
SOFT, PUBLIC	DO	400	3,156	-	-	173,252	1,264,703
SURF	DO	-	-	-	-	927	2,208
CONCHS.	DO	3,993	12,283	5,747	14,805	11,133	29,280
MUSSELS, SEA.	DO	150	237	-	-	56,237	42,667
OYSTERS, MARKET:							
PUBLIC:							
SPRING	DO	500	3,304	766	4,001	3,648	17,919
FALL	DO	757	4,955	-	-	5,603	29,816
PRIVATE:							
SPRING	DO	-	-	15,442	164,219	17,427	183,010
FALL	DO	-	-	10,545	112,346	13,514	140,056
PERIWINKLES AND							
COCKLES	DO	-	-	-	-	1,939	10,674
SCALLOPS:							
BAY	DO	583	3,515	25,919	144,469	227,063	1,081,255
SEA	DO	1,050	2,195	-	-	3,620,949	8,656,983

NOTE:--THE CAPACITY OF A U. S. STANDARD BUSHEL IS 2,150.4 CUBIC INCHES.

AVERAGE WEIGHTS OF CERTAIN SHELLFISH, 1962

SPECIES	MAINE	NEW HAMPSHIRE	MASSACHUSETTS	RHODE ISLAND	CONNECTICUT
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
CRABS:					
BLUE, HARD	NUMBER PER POUND	-	-	-	2.40
GREEN	DO	-	14.29	14.29	-
ROCK	DO	3.00	3.00	3.00	-
CLAMS:					
HARD:	LBS. OF MEATS				
PUBLIC	PER U. S. STANDARD BUSHEL	11.00	-	11.00	12.00
PRIVATE	DO	-	-	11.00	12.00
OCEAN QUAHOG	DO	-	-	10.00	-
RAZOR	DO	-	-	16.00	-
SOFT, PUBLIC	DO	15.00	-	13.00	-
SURF	DO	-	-	11.00	-
CONCHS.	DO	-	-	15.00	-
MUSSELS, SEA.	DO	15.00	-	15.00	15.00
OYSTERS, MARKET:					
PUBLIC:					
SPRING	DO	7.50	-	6.50	7.70
FALL	DO	-	-	6.50	7.00
PRIVATE:					
SPRING	DO	-	-	6.50	7.70
FALL	DO	-	-	6.50	7.70
PERIWINKLES AND					
COCKLES	DO	18.00	-	-	-
SCALLOPS:					
BAY	DO	-	-	6.29	6.20
SEA	DO	6.00	-	6.00	6.00

NOTE:--THE CAPACITY OF A U. S. STANDARD BUSHEL IS 2,150.4 CUBIC INCHES.

NEW ENGLAND FISHERIES

MANUFACTURED FISHERY PRODUCTS, 1962

ITEM		MAINE		NEW HAMPSHIRE	
		QUANTITY	VALUE	QUANTITY	VALUE
ALEWIVES, SALTED	POUNDS	(1)	(1)	-	-
COO:					
FRESH AND FROZEN, FILLETS.	DO	285,510	\$88,550	-	-
SALTED AND SMOKED.	DO	22,800	8,244	-	-
CUSK:					
FILLETS, FRESH	DO	74,908	22,850	-	-
SMOKED	DO	(1)	(1)	-	-
FLOUNDER, FRESH AND FROZEN, FILLETS.	DO	82,650	30,804	-	-
HADDOCK:					
FILLETS:					
FRESH	DO	528,101	208,560	-	-
FROZEN	DO	682,643	233,387	-	-
CANNED SPECIALTIES	STANDARD CASES	(1)	(1)	-	-
SMOKED	POUNDS	40,760	11,668	-	-
HAKE:					
FILLETS, FRESH	DO	181,214	53,624	-	-
SALTED AND SMOKED.	DO	(1)	(1)	-	-
HALIBUT, FROZEN, STEAKS.	DO	(1)	(1)	-	-
HERRING, SEA:					
CANNED:					
SARDINES	STANDARD CASES	2,147,367	20,076,606	-	-
COCKTAILS.	DO	(1)	(1)	-	-
SALTED, SMOKED AND KIPPERED.	POUNDS	221,630	70,112	-	-
MEAL AND SCRAP	TONS	2,478	299,684	-	-
OIL.	GALLONS	(1)	(1)	-	-
OCEAN PERCH, FILLETS:					
FRESH.	POUNDS	2,194,500	456,405	-	-
FROZEN	DO	16,404,220	4,518,663	-	-
POLLOCK:					
FILLETS:					
FRESH.	DO	215,935	39,468	-	-
FROZEN	DO	413,194	72,097	-	-
SALTED, SMOKED AND DRIED	DO	47,480	12,774	-	-
SALMON, CANNED SPECIALTIES	STANDARD CASES	(1)	(1)	-	-
TUNA, CANNED	DO	(1)	(1)	-	-
WHITING, FILLETS:					
FRESH.	POUNDS	922,779	168,597	-	-
FROZEN	DO	(1)	(1)	-	-
WOLFFISH, FILLETS, FRESH	DO	(1)	(1)	-	-
CRABS:					
FRESH COOKED MEAT.	DO	70,287	102,261	-	-
CANNED	STANDARD CASES	(1)	(1)	-	-
LOBSTERS (NORTHERN):					
FRESH AND FROZEN:					
COOKED MEAT.	POUNDS	269,630	819,318	28,550	\$88,700
WHOLE.	DO	(1)	(1)	-	-
SPECIALTIES.	DO	(1)	(1)	-	-
CANNED	STANDARD CASES	(1)	(1)	-	-
SHRIMP:					
RAW, HEADLESS, FRESH	POUNDS	(1)	(1)	-	-
CANNED SPECIALTIES	STANDARD CASES	(1)	(1)	-	-
CLAMS:					
FRESH AND FROZEN, SHUCKED, SOFT.	GALLONS	78,055	482,785	75,951	485,257
CANNED:					
WHOLE AND MINCED	STANDARD CASES	16,381	239,949	-	-
CHOWDER AND JUICE.	DO	537,227	3,541,647	-	-
SPECIALTIES.	DO	9,091	144,774	-	-
SCALLOPS:					
FRESH AND FROZEN:					
SEA:					
SHUCKED.	POUNDS	(1)	(1)	-	-
BREADED:					
RAW.	DO	(1)	(1)	-	-
COOKED	DO	(1)	(1)	-	-
SPECIALTIES.	DO	(1)	(1)	-	-
UNCLASSIFIED PRODUCTS:					
FRESH AND FROZEN, PACKAGED:					
FISH:					
STEAKS	DO	-	(2)	-	-
PORTIONS:					
RAW:					
NOT BREADED.	DO	-	(2)	-	-
BREADED.	DO	-	(2)	-	-
COOKED, BREADED.	DO	-	(2)	-	-
STICKS, BREADED, COOKED.	DO	-	(2)	-	-
CAKES, COOKED.	DO	-	(2)	-	-
FISH AND SHELLFISH (INCLUDING DINNERS).	DO	5,978,333	2,925,489	-	-
CANNED:					
FISH AND SHELLFISH	STANDARD CASES	115,804	1,446,893	-	-
ANIMAL FOOD.	DO	1,015,129	5,847,773	-	-
CURED FISH	POUNDS	370,673	58,699	-	-
INDUSTRIAL PRODUCTS, MARINE PEARL SHELL BUTTONS, IRISH MOSS EXTRACT, PEARL ESSENCE, GLUE	-	-	(2)	-	-
MISCELLANEOUS.	-	-	4,638,673	-	-
TOTAL.	-	-	46,620,344	-	573,957

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

MANUFACTURED FISHERY PRODUCTS, 1962 - Continued

ITEM	MASSACHUSETTS		RHODE ISLAND AND CONNECTICUT	
	QUANTITY	VALUE	QUANTITY	VALUE
BUTTERFISH, SMOKED	POUNDS	(1)	(1)	-
COD:				
FRESH AND FROZEN:				
FILLETS	DO	6,142,246	\$1,787,577	-
STEAKS	DO	(1)	(1)	-
CANNED, SPECIALTIES	STANDARD CASES	(1)	(1)	-
SALTED AND SMOKED	POUNDS	610,730	226,687	-
CHUBS, SMOKED	DO	(1)	(1)	-
CUSK, FILLETS:				
FRESH	DO	190,559	61,028	-
FROZEN	DO	52,608	15,596	-
FLOUNDER, FRESH AND FROZEN:				
FILLETS	DO	24,218,292	8,344,749	(1)
SPECIALTIES	DO	(1)	(1)	-
HADDOCK:				
FILLETS:				
FRESH	DO	22,013,151	7,863,517	-
FROZEN	DO	16,789,109	5,133,799	-
FROZEN SPECIALTIES	DO	(1)	(1)	-
SMOKED	DO	(1)	(1)	-
HAKE:				
FILLETS, FRESH	DO	74,817	21,144	-
SALTED AND SMOKED	DO	(1)	(1)	-
HALIBUT, FROZEN:				
STEAKS	DO	(1)	(1)	-
SPECIALTIES	DO	(1)	(1)	-
HERRING, SEA, SALTED, SMOKED AND KIPPERED	DO	250,754	126,164	-
MACKEREL:				
FILLETS, FRESH AND FROZEN	DO	(1)	(1)	-
SMOKED	DO	(1)	(1)	-
MENHADEN:				
MEAL AND SCRAP	TONS	(1)	(1)	(1)
OIL	GALLONS	(1)	(1)	(1)
OCEAN PERCH:				
FILLETS:				
FRESH	POUNDS	159,310	49,833	-
FROZEN	DO	16,726,753	4,403,962	-
MEAL AND SCRAP	TONS	(1)	(1)	-
OIL	GALLONS	(1)	(1)	-
POLLOCK:				
FILLETS:				
FRESH	POUNDS	910,655	218,542	-
FROZEN	DO	3,170,674	555,707	-
SALTED, SMOKED AND DRIED	DO	(1)	(1)	-
SABLEFISH, SMOKED	DO	(1)	(1)	-
SALMON:				
FROZEN STEAKS	DO	(1)	(1)	-
SMOKED AND KIPPERED	DO	(1)	(1)	-
SWORDFISH STEAKS, FROZEN	DO	(1)	(1)	-
WHITEFISH, SMOKED	DO	(1)	(1)	-
WHITING, FILLETS:				
FRESH	DO	7,460	1,702	-
FROZEN	DO	2,249,686	470,469	-
WOLFFISH, FILLETS:				
FRESH	DO	23,855	8,305	-
FROZEN	DO	290,986	105,489	-
CRABS, FRESH COOKED MEAT	DO	145,985	287,619	-
LOBSTERS (NORTHERN), FRESH AND FROZEN:				
COOKED MEAT	DO	583,263	1,695,095	75,300
SPECIALTIES	DO	(1)	(1)	-
SHRIMP:				
COOKED:				
PEELED AND DEVEINED, FRESH	DO	(1)	(1)	-
BREADED, FROZEN	DO	733,171	1,293,100	-
SPECIALTIES, FROZEN	DO	1,425,068	1,380,501	-
CLAMS:				
FRESH AND FROZEN:				
SHUCKED:				
HARD AND SURF	GALLONS	42,738	94,145	304,767
SOFT	DO	107,261	651,271	(1)
BREADED, RAW AND COOKED	POUNDS	(1)	(1)	-
SPECIALTIES	DO	(1)	(1)	-
CANNED:				
WHOLE AND MINCED	STANDARD CASES	-	-	(1)
CHONDER AND JUICE	DO	(1)	(1)	(1)
SPECIALTIES	DO	(1)	(1)	(1)
OYSTERS, SHUCKED, FRESH	GALLONS	-	-	12,325

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

NEW ENGLAND FISHERIES

MANUFACTURED FISHERY PRODUCTS, 1962 - Continued

ITEM	MASSACHUSETTS		RHODE ISLAND AND CONNECTICUT	
	QUANTITY	VALUE	QUANTITY	VALUE
SCALLOPS:				
FRESH AND FROZEN:				
BAY, SHUCKED	GALLONS	144,126	18,765	\$147,984
SEA:				
SHUCKED	DO	7,781,077	-	-
BREADED:				
RAW	POUNDS	361,838	-	-
COOKED	DO	7,390,064	-	-
SPECIALTIES	DO	(1)	-	-
UNCLASSIFIED PRODUCTS:				
FISH, FRESH AND FROZEN, PACKAGED:				
STEAKS	DO	1,331,300	-	-
PORTIONS:				
RAW:				
NOT BREADED	DO	405,713	-	-
BREADED	DO	17,776,422	-	-
COOKED, BREADED	DO	6,614,469	-	-
STICKS, BREADED:				
RAW	DO	825,492	-	-
COOKED	DO	37,875,106	-	-
CAKES, COOKED	DO	2,767,415	-	-
FISH AND SHELLFISH (INCLUDING DINNERS):				
CANNED:				
FISH AND SHELLFISH	STANDARD CASES	50,635	-	(2)
ANIMAL FOOD	DO	512,026	-	-
CURED FISH	POUNDS	932,163	-	-
INDUSTRIAL PRODUCTS, MARINE				
PEARL SHELL BUTTONS, IRISH MOSS EXTRACT, PEARL ESSENCE, AND GLUE	-	-	-	(2)
MISCELLANEOUS	-	2,003,339	-	1,753,087
TOTAL	-	81,537,394	-	4,189,259

1/ INCLUDED WITH UNCLASSIFIED ITEMS. 2/ INCLUDED WITH MISCELLANEOUS ITEMS.
NOTE:--SOME OF THE ABOVE PRODUCTS MAY HAVE BEEN MANUFACTURED FROM RAW PRODUCTS IMPORTED FROM ANOTHER STATE OR A FOREIGN COUNTRY; THEREFORE, THEY CANNOT BE CORRELATED DIRECTLY WITH THE CATCH WITHIN THE STATE.

SUMMARY OF MANUFACTURED PRODUCTS, 1962

(VALUE IN THOUSANDS OF DOLLARS)

ITEM	QUANTITY	VALUE
PACKAGED PRODUCTS, FRESH AND FROZEN:		
NOT BREADED:		
FISH	1,000 POUNDS	118,566
SHELLFISH	DO	17,003
BREADED:		
FISH	DO	65,646
SHELLFISH	DO	12,032
SPECIALTIES, FISH AND SHELLFISH	DO	8,667
CANNED:		
FISH	1,000 STD. CASES	2,154
SHELLFISH	DO	732
ANIMAL FOOD	DO	1,527
CURED (SALTED, SMOKED, AND KIPPERED)	1,000 POUNDS	2,497
INDUSTRIAL PRODUCTS	-	-
TOTAL	-	132,921

VALUE OF MANUFACTURED PRODUCTS, BY STATES, 1962

(THOUSANDS OF DOLLARS)

STATE	VALUE
MAINE	46,620
NEW HAMPSHIRE	574
MASSACHUSETTS	81,538
RHODE ISLAND	3,315
CONNECTICUT	674
TOTAL	132,921

WHOLESALE AND MANUFACTURING, 1962

ITEM	MAINE	NEW HAMPSHIRE	MASSACHUSETTS	RHODE ISLAND	CONNECTICUT	TOTAL
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
WHOLESALE AND MANUFACTURING:						
ESTABLISHMENTS	254	13	238	37	11	553
PERSONS ENGAGED:						
AVERAGE FOR SEASON	8,194	99	6,058	549	41	14,941
AVERAGE FOR YEAR	4,299	69	4,820	460	31	9,679

NEW ENGLAND FISHERIES

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MAINE

OPERATING UNITS BY GEAR, 1962

ITEM	STOP SEINES	PURSE SEINES		BAG NETS	OTTER TRAWLS	
		HERRING	OTHER		FISH	SHRIMP
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS	74	9	3	-	389	-
ON BOATS AND SHORE:						
REGULAR	171	6	12	4	54	27
CASUAL	324	4	37	7	12	-
TOTAL	569	19	52	11	455	27
VESSELS, MOTOR	19	2	1	-	84	-
GROSS TONNAGE	332	40	24	-	7,512	-
BOATS:						
MOTOR	125	4	14	6	43	25
OTHER	161	7	12	4	-	-
GEAR:						
NUMBER	123	5	13	8	127	25
LENGTH, YARDS	57,350	1,850	4,950	-	-	-
YARDS AT MOUTH	-	-	-	-	2,831	479

ITEM	WEIRS	FLOATING TRAPS	FYKE AND HOOP NETS	POTS AND TRAPS		GILL NETS, ANCHOR, SET OR STAKE
				LOBSTER	BOX TRAPS	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS	-	-	-	31	-	15
ON BOATS AND SHORE:						
REGULAR	95	10	-	3,957	-	1
CASUAL	80	4	2	1,685	12	3
TOTAL	175	14	2	5,673	12	19
VESSELS, MOTOR	-	-	-	31	-	5
GROSS TONNAGE	-	-	-	322	-	106
BOATS:						
MOTOR	98	6	1	5,585	3	2
OTHER	81	6	1	15	-	2
GEAR:						
NUMBER	98	7	1	767,582	9	8
SQUARE YARDS	-	-	-	-	-	63,180

ITEM	LINES		DIP NETS	HARPOONS	DREDGES	
	HAND	LONG OR SET WITH HOOKS			OYSTER, COMMON	SCALLOP
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS	8	13	-	13	-	119
ON BOATS AND SHORE:						
REGULAR	93	151	-	25	-	55
CASUAL	143	28	82	27	6	9
TOTAL	244	192	82	65	6	183
VESSELS, MOTOR	5	3	-	3	-	12
GROSS TONNAGE	50	209	-	214	-	1,156
BOATS:						
MOTOR	67	109	-	25	3	50
OTHER	-	-	1	1	-	-
GEAR:						
NUMBER	244	112	82	28	3	71
HOOKS OR BAITS	307	446,000	-	-	3	-
YARDS AT MOUTH	-	-	-	-	3	126

ITEM	RAKES		HOES	BY HAND	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER			
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS	-	-	-	-	635
ON BOATS AND SHORE:					
REGULAR	5	1,268	-	48	5,157
CASUAL	413	870	-	42	3,225
TOTAL	418	2,138	-	90	9,017
VESSELS, MOTOR	-	-	-	-	153
GROSS TONNAGE	-	-	-	-	9,290
BOATS:					
MOTOR	323	-	-	-	5,699
OTHER	95	-	-	-	315
GEAR, NUMBER	418	2,138	-	-	-

NEW ENGLAND FISHERIES

MAINE - CATCH BY GEAR, 1962

SPECIES	STOP SEINES		PURSE SEINES		BAG NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	251,900	\$1,700	-	-	-	-
HERRING, SEA	129,023,700	1,992,134	7,032,200	\$70,924	-	-
MACKEREL	-	-	3,900	256	-	-
SMELT	-	-	-	-	52,600	\$13,196
UNCLASSIFIED, FOR BAIT, REDUCTION, AND ANIMAL FOOD .	-	-	-	-	12,000	30
TOTAL	129,275,600	1,993,834	7,086,100	71,180	64,600	13,226

SPECIES	OTTER TRAWLS		WEIRS		FLOATING TRAPS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUTTERFISH	300	\$14	-	-	4,400	\$431
COD	1,095,800	45,431	-	-	-	-
CUSK	313,200	16,740	-	-	-	-
FLOUNDERS:						
BLACKBACK	73,400	3,883	-	-	-	-
DAB	515,300	24,852	-	-	-	-
GRAY SOLE	597,500	54,395	-	-	-	-
LEMON SOLE	1,200	300	-	-	-	-
YELLOWTAIL	17,300	1,369	-	-	-	-
HADDOCK	2,277,900	173,004	-	-	-	-
HAKE, WHITE	479,200	20,068	-	-	-	-
HALIBUT	35,900	11,270	-	-	-	-
HERRING, SEA	20,100	849	20,623,400	\$310,945	-	-
MACKEREL	-	-	30,200	2,081	5,800	469
OCEAN PERCH	69,453,200	2,866,912	-	-	-	-
POLLOCK	1,727,600	53,423	-	-	-	-
SALMON	-	-	-	-	400	301
SHARKS:						
GRAYFISH	8,300	53	-	-	-	-
UNCLASSIFIED	1,800	107	-	-	-	-
SMELT	-	-	800	189	-	-
STURGEON	100	4	-	-	-	-
WHITING	17,831,400	273,937	-	-	-	-
WOLFFISH	43,900	1,310	-	-	-	-
UNCLASSIFIED:						
FOR FOOD	7,800	494	-	-	-	-
BAIT, REDUCTION, AND ANIMAL FOOD	987,700	6,056	-	-	-	-
LOBSTERS, NORTHERN	200	148	-	-	-	-
SHRIMP	351,700	51,513	-	-	-	-
SQUID	500	14	-	-	-	-
TOTAL	95,841,500	3,605,846	20,654,400	313,215	10,600	1,200

SPECIES	FYKE AND HOOP NETS		POTS AND TRAPS		GILL NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
COD	-	-	-	-	658,800	\$43,413
CUSK	-	-	-	-	15,100	706
EELS, COMMON	800	\$135	34,700	\$6,249	-	-
HADDOCK	-	-	-	-	99,900	10,325
HAKE, WHITE	-	-	-	-	280,900	14,579
HALIBUT	-	-	-	-	300	183
POLLOCK	-	-	-	-	697,400	26,526
SHAD	-	-	-	-	100	3
SHARKS:						
GRAYFISH	-	-	-	-	646,700	4,046
UNCLASSIFIED	-	-	-	-	9,000	337
SMELT	-	-	-	-	1,900	489
STURGEON	-	-	-	-	500	76
UNCLASSIFIED, FOR BAIT, REDUCTION, AND ANIMAL FOOD .	-	-	-	-	16,900	109
CRABS, ROCK	-	-	1,751,500	67,952	-	-
LOBSTERS, NORTHERN	-	-	22,075,100	11,195,461	-	-
TOTAL	800	135	23,861,300	11,269,662	2,427,500	100,792

SPECIES	LINES				DIP NETS	
	HAND		LONG OR SET WITH HOOKS		POUNDS	VALUE
	POUNDS	VALUE	POUNDS	VALUE		
ALEWIVES	-	-	-	-	1,430,300	\$18,944
COD	225,200	\$8,548	280,200	\$9,992	-	-
CUSK	3,900	225	277,100	13,397	-	-

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NEW ENGLAND FISHERIES

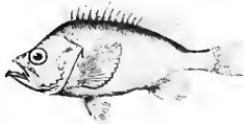
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MAINE - CATCH BY GEAR, 1962 - Continued

SPECIES	LINES				DIP NETS	
	HAND		LONG OR SET WITH HOOKS			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FLOUNDERS:						
DAB	-	-	500	\$15	-	-
GRAY SOLE	200	\$82	-	-	-	-
HADDOCK	17,300	1,195	149,500	11,795	-	-
HAKE, WHITE	6,000	222	2,510,400	74,767	-	-
HALIBUT	1,500	468	54,500	18,408	-	-
OCEAN PERCH	-	-	200	4	-	-
POLLOCK	123,300	2,696	20,500	673	-	-
SHARKS:						
GRAYFISH	-	-	39,400	256	-	-
UNCLASSIFIED	100	4	200	8	-	-
SMELT	42,400	12,435	-	-	2,600	\$598
SWORDFISH	-	-	43,400	17,222	-	-
TUNA, BLUEFIN	-	-	500	79	-	-
WOLFFISH	100	2	300	9	-	-
UNCLASSIFIED, FOR BAIT, REDUCTION, AND ANIMAL FOOD	-	-	50,400	345	7,400	140
SEA URCHINS	-	-	-	-	73,600	2,660
TOTAL	420,000	25,877	3,427,100	146,970	1,513,900	22,342

SPECIES	HARPOONS		DREOGES		RAKES	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
SWORDFISH	9,000	\$4,047	-	-	-	-
TUNA, BLUEFIN	75,500	11,473	-	-	-	-
OYSTERS, MARKET, PUBLIC, SPRING	-	-	900	\$799	-	-
SCALLOPS, SEA	-	-	2,169,400	876,350	-	-
IRISH MOSS	-	-	-	-	4,250,000	\$53,750
TOTAL	84,500	15,520	2,170,300	877,149	4,250,000	63,750

SPECIES	HOES		BY HAND	
	POUNDS	VALUE	POUNDS	VALUE
CLAMS:				
HARD, PUBLIC	1,400	\$797	-	-
SOFT, PUBLIC	1,980,900	894,395	-	-
MUSSELS, SEA	7,300	750	-	-
PERIWINKLES AND COCKLES	-	-	34,900	\$10,674
BLOODWORMS	582,800	516,362	-	-
SANDWORMS	677,700	421,267	-	-
TOTAL	3,250,100	1,833,571	34,900	10,674



OCEAN PERCH

NEW ENGLAND FISHERIES

NEW HAMPSHIRE

OPERATING UNITS BY GEAR, 1962

ITEM	BAG NETS	WEIRS	POTS AND TRAPS	
			CRAB	LOBSTER
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:				
REGULAR	-	-	1	95
CASUAL	5	10	1	141
TOTAL	5	10	2	236
BOATS:				
MOTOR	-	3	2	191
OTHER	-	3	-	6
GEAR, NUMBER	5	8	140	17,000

ITEM	GILL NETS, DRIFT	LINES		HOES	TOTAL, EXCLUSIVE OF DUPLICATION
		HAND	LONG OR SET WITH HOOKS		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:					
REGULAR	2	15	10	-	95
CASUAL	-	190	-	32	324
TOTAL	2	205	10	32	419
BOATS:					
MOTOR	1	4	5	-	195
OTHER	-	-	-	-	9
GEAR:					
NUMBER	1	410	5	32	-
SQUARE YARDS	2,500	-	-	-	-
HOOKS	-	820	7,500	-	-

NEW HAMPSHIRE - CATCH BY GEAR, 1962

SPECIES	BAG NETS		WEIRS		POTS AND TRAPS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	-	-	125,000	\$1,250	-	-
EELS, COMMON	-	-	6,500	1,500	-	-
SMELT	4,000	\$1,600	25,000	5,500	-	-
CRABS:						
GREEN	-	-	-	-	30,000	\$1,425
ROCK	-	-	-	-	20,000	700
LOBSTERS, NORTHERN	-	-	-	-	725,000	355,250
TOTAL	4,000	1,600	156,500	8,250	775,000	357,375

SPECIES	GILL NETS, DRIFT	LINES				HOES		
		HAND		LONG OR SET WITH HOOKS		POUNDS	VALUE	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
COD	-	-	25,000	\$1,750	25,000	\$1,750	-	-
CUSK	-	-	-	-	7,000	350	-	-
HADDOCK	-	-	-	-	30,000	3,300	-	-
HAKE, WHITE	-	-	-	-	500	40	-	-
HALIBUT	-	-	-	-	2,500	1,125	-	-
MACKEREL	3,000	\$660	-	-	-	-	-	-
POLLOCK	-	-	5,000	225	3,000	135	-	-
SMELT	-	-	40,000	16,000	-	-	-	-
WOLFFISH	-	-	-	-	300	18	-	-
BLOODWORMS	-	-	-	-	-	-	5,000	\$4,000
SANDWORMS	-	-	-	-	-	-	7,500	4,500
TOTAL	3,000	660	70,000	17,975	68,300	6,716	12,500	8,500

NEW ENGLAND FISHERIES

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MASSACHUSETTS

OPERATING UNITS BY GEAR, 1962

ITEM	HAUL SEINES, COMMON	PURSE SEINES		OTTER TRAWLS, FISH	POUND NETS, FISH	FLOATING TRAPS	POTS AND TRAPS	
		TUNA	OTHER				CONCH	CRAB
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:								
ON VESSELS	-	76	61	2,499	13	5	-	-
ON BOATS AND SHORE:								
REGULAR	3	-	-	17	58	26	1	2
CASUAL	27	-	-	6	2	4	-	-
TOTAL	30	76	61	2,522	73	35	1	2
VESSELS, MOTOR	-	7	4	408	3	2	-	-
GROSS TONNAGE	-	1,233	294	28,904	36	25	-	-
BOATS:								
MOTOR	3	7	4	13	27	13	1	2
OTHER	3	2	4	-	18	12	-	-
GEAR:								
NUMBER	9	7	4	421	56	29	100	62
LENGTH, YARDS	-	4,695	2,075	-	-	-	-	-
SQUARE YARDS	438	-	-	-	-	-	-	-
YARDS AT MOUTH	-	-	-	11,153	-	-	-	-

ITEM	POTS AND TRAPS - CONTINUED		GILL NETS		LINES			DIP NETS, COMMON
	EEL	LOBSTER	ANCHOR, SET OR STAKE	DRIFT	HAND	TROLL	LONG OR SET WITH HOOKS	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:								
ON VESSELS	-	-	23	2	8	-	47	-
ON BOATS AND SHORE:								
REGULAR	1	304	16	2	59	3	77	33
CASUAL	17	1,107	7	21	2,026	12	60	172
TOTAL	18	1,411	46	25	2,093	15	184	205
VESSELS, MOTOR	-	-	6	1	4	-	10	-
GROSS TONNAGE	-	-	161	9	57	-	429	-
BOATS:								
MOTOR	17	972	14	16	432	5	70	169
OTHER	-	267	-	-	-	-	-	-
GEAR:								
NUMBER	360	96,701	20	17	2,202	15	80	205
SQUARE YARDS	-	-	120,840	75,000	-	-	-	-
HOOKS	-	-	-	-	2,386	15	217,250	-

ITEM	HARPOONS		SPEARS	DREDGES			
	SWORDFISH	OTHER		CLAM	MUSSEL	OYSTER, COMMON	SCALLOP
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS	60	2	-	11	-	-	776
ON BOATS AND SHORE:							
REGULAR	-	5	10	31	6	11	89
CASUAL	195	20	16	34	-	40	1,084
TOTAL	255	27	26	76	6	51	1,951
VESSELS, MOTOR	16	1	-	4	-	-	72
GROSS TONNAGE	429	16	-	108	-	-	6,836
BOATS:							
MOTOR	65	12	-	33	6	23	672
OTHER	-	-	2	-	-	-	-
GEAR:							
NUMBER	81	13	28	37	6	23	1,885
YARDS AT MOUTH	-	-	-	23	6	23	1,931

ITEM	TONGS		RAKES	HOES	FORKS	DIVING OUTFITS	BY HAND	TOTAL, EXCLUSIVE OF DUPLI- CATION
	OYSTER	OTHER						
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:								
ON VESSELS	-	-	-	-	-	-	-	3,416
ON BOATS AND SHORE:								
REGULAR	10	53	155	190	6	551	-	836
CASUAL	37	73	448	550	3	-	50	6,000
TOTAL	47	126	603	740	9	551	50	10,252
VESSELS, MOTOR	-	-	-	-	-	-	-	502
GROSS TONNAGE	-	-	-	-	-	-	-	36,408
BOATS:								
MOTOR	47	126	443	-	7	57	-	2,876
OTHER	-	-	-	-	-	-	-	308
GEAR, NUMBER	47	126	603	740	9	551	-	-

NEW ENGLAND FISHERIES

MASSACHUSETTS - CATCH BY GEAR, 1962

SPECIES	HAUL SEINES		PURSE SEINES		OTTER TRAWLS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEMYES	2, 150, 000	\$30, 000	6, 123, 200	\$57, 800	2, 500	\$25
ANGLERFISH	-	-	-	-	15, 900	462
BLUEFISH	-	-	-	-	-	61
BUTTERFISH	-	-	-	-	823, 600	78, 371
COD	-	-	-	-	36, 425, 700	2, 480, 361
CUSK	-	-	-	-	810, 600	46, 313
EELS, COMMON	-	-	-	-	900	124
FLOUNDERS:						
BLACKBACK	-	-	-	-	12, 467, 100	1, 454, 330
DAB	-	-	-	-	3, 892, 400	256, 858
FLUKE	-	-	-	-	3, 771, 700	689, 470
GRAY SOLE	-	-	-	-	1, 963, 100	243, 220
LEMON SOLE	-	-	-	-	2, 682, 300	632, 069
YELLOWTAIL	-	-	-	-	50, 643, 900	3, 815, 683
UNCLASSIFIED	-	-	-	-	800	22
HADDOCK	-	-	-	-	128, 690, 400	10, 437, 937
HAKE:						
RED	-	-	-	-	5, 327, 400	56, 375
WHITE	-	-	-	-	2, 144, 800	96, 250
HALIBUT	-	-	-	-	108, 500	26, 795
HERRING, SEA	-	-	-	-	186, 600	16, 483
LAUNCE	339, 400	18, 088	-	-	-	-
MACKEREL	-	-	38, 300	3, 385	1, 000	258
MENHADEN	-	-	15, 979, 600	156, 294	-	-
OCEAN PERCH	-	-	-	-	54, 529, 400	2, 355, 571
POLLOCK	-	-	-	-	13, 027, 000	574, 418
SCUP OR PORGY	-	-	-	-	1, 336, 500	65, 161
SEA BASS	-	-	-	-	46, 700	6, 076
SHAD	-	-	-	-	100	10
SHARKS, UNCLASSIFIED	-	-	-	-	5, 100	336
SKATES	-	-	-	-	46, 700	1, 684
STRIPED BASS	-	-	-	-	300	34
STURGEON	-	-	-	-	4, 300	526
TAUTOG	-	-	-	-	5, 600	221
TITLEFISH	-	-	-	-	61, 300	7, 674
TUNA:						
BLUEFIN	-	-	5, 477, 500	389, 965	-	-
SKIPJACK	-	-	64, 600	6, 342	-	-
WHITE PERCH	29, 500	4, 425	-	-	-	-
WHITING	-	-	-	-	75, 338, 800	1, 654, 841
WOLFFISH	-	-	-	-	586, 200	33, 567
UNCLASSIFIED:						
FOR FOOD	-	-	-	-	4, 244, 300	265, 166
BAIT, REDUCTION, AND ANIMAL FOOD	-	-	-	-	19, 390, 000	143, 393
LOBSTERS, NORTHERN	-	-	-	-	1, 106, 200	463, 491
SHRIMP	-	-	-	-	35, 800	5, 891
SCALLOPS, SEA	-	-	-	-	6, 000	2, 393
SQUID	-	-	-	-	91, 800	5, 714
TOTAL	2, 518, 900	52, 513	27, 703, 200	615, 786	419, 825, 600	26, 159, 684

SPECIES	POUND NETS		FLOATING TRAPS		POTS AND TRAPS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUEFISH	6, 900	\$942	100	\$18	-	-
BONITO	8, 700	573	-	-	-	-
BUTTERFISH	159, 600	29, 594	114, 600	10, 059	-	-
COD	4, 400	253	4, 200	210	-	-
EELS, COMMON	-	-	-	-	11, 000	\$2, 225
FLOUNDERS:						
BLACKBACK	6, 400	493	-	-	-	-
FLUKE	14, 400	2, 650	-	-	-	-
HAKE:						
RED	12, 700	136	-	-	-	-
WHITE	900	35	-	-	-	-
HERRING, SEA	1, 123, 200	22, 672	21, 500	267	-	-
LAUNCE	1, 700	435	-	-	-	-
MACKEREL	1, 063, 200	156, 913	468, 900	59, 624	-	-
MENHADEN	52, 300	519	-	-	-	-
POLLOCK	23, 530	644	2, 400	111	-	-
SALMON	-	-	100	48	-	-
SCUP OR PORGY	49, 500	1, 963	-	-	-	-
SEA BASS	1, 700	147	-	-	-	-
SHAD	6, 500	526	-	-	-	-
SKATES	-	-	1, 600	65	-	-
STRIPED BASS	56, 900	8, 372	1, 600	248	-	-
STURGEON	100	13	-	-	-	-

(CONTINUED ON NEXT PAGE)

NEW ENGLAND FISHERIES

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MASSACHUSETTS - CATCH BY GEAR, 1962 - Continued

SPECIES	POUND NETS		FLOATING TRAPS		POTS AND TRAPS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
TAUOG	9,100	\$260	100	\$11	-	-
TUNA, BLUEFIN	171,400	33,195	100	8	-	-
WHITING	32,100	621	11,800	353	-	-
UNCLASSIFIED:						
FOR FOOD	2,100	168	69,500	5,836	-	-
BAIT, REDUCTION, AND ANIMAL FOOD	13,400	1,131	2,000	15	-	-
CRABS:						
GREEN	-	-	-	-	15,200	\$1,634
ROCK	-	-	-	-	53,500	4,102
LOBSTERS, NORTHERN	-	-	-	-	3,131,200	1,707,736
CONCHS	-	-	-	-	13,500	1,200
SQUID	1,292,700	69,063	100	7	-	-
TOTAL	4,113,400	333,720	718,600	76,880	3,224,400	1,716,897

SPECIES	GILL NETS				LINES	
	ANCHOR, SET OR STAKE		DRIFT		HAND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUEFISH	-	-	-	-	27,000	\$3,465
BUTTERFISH	-	-	200	\$21	-	-
COD	1,189,300	\$71,659	-	-	1,315,700	84,956
CUSK	2,300	83	-	-	1,600	54
EELS, COMMON	-	-	-	-	100	26
FLOUNDERS:						
BLACKBACK	55,500	4,120	-	-	5,300	599
DAB	600	28	-	-	-	-
FLUKE	-	-	-	-	5,600	1,077
GRAY SOLE	-	-	-	-	700	53
YELLOWTAIL	-	-	-	-	100	3
HADDOCK	412,400	28,964	-	-	206,600	15,340
HAKE, WHITE	73,600	2,659	-	-	1,200	39
HALIBUT	500	156	-	-	1,800	763
MACKEREL	-	-	34,300	7,307	-	-
POLLOCK	323,900	11,199	-	-	247,600	9,718
SHARKS, UNCLASSIFIED	11,100	370	1,300	77	300	14
STRIPED BASS	-	-	200	23	529,700	76,750
STURGEON	700	105	-	-	-	-
TUNA, BLUEFIN	-	-	-	-	55,600	5,069
WHITE PERCH	-	-	-	-	100	25
WHITING	500	12	300	7	-	-
WOLFFISH	-	-	-	-	1,100	39
UNCLASSIFIED, FOR FOOD	267,000	19,892	-	-	109,700	7,432
TOTAL	2,357,400	139,247	36,300	7,435	2,509,800	205,442

SPECIES	LINES - CONTINUED				DIP NETS	
	TROLL		LONG OR SET WITH HOOKS		POUNDS	VALUE
	POUNDS	VALUE	POUNDS	VALUE		
COO	-	-	1,700,000	\$121,644	-	-
CUSK	-	-	427,600	23,813	-	-
FLOUNDERS:						
BLACKBACK	-	-	34,900	4,875	-	-
DAB	-	-	200	20	-	-
GRAY SOLE	-	-	300	61	-	-
LEMON SOLE	-	-	700	90	-	-
YELLOWTAIL	-	-	300	30	-	-
HADDOCK	-	-	2,238,400	218,057	-	-
HAKE, WHITE	-	-	97,300	6,583	-	-
HALIBUT	-	-	48,700	20,017	-	-
OCEAN PERCH	-	-	200	9	-	-
POLLOCK	-	-	91,300	3,925	-	-
SHARKS, UNCLASSIFIED	-	-	1,300	72	-	-
SKATES	-	-	100	2	-	-
STRIPED BASS	-	-	500	56	-	-
SWORDFISH	-	-	70,600	31,445	-	-
TUNA, BLUEFIN	3,000	\$286	54,000	4,492	-	-
WHITING	-	-	700	15	-	-
WOLFFISH	-	-	8,400	457	-	-
UNCLASSIFIED, FOR FOOD	-	-	38,100	3,189	-	-
SCALLOPS, BAY	-	-	-	-	104,000	\$75,635
TOTAL	3,000	286	4,813,600	438,852	104,000	75,635

(CONTINUED ON NEXT PAGE)

NEW ENGLAND FISHERIES

MASSACHUSETTS - CATCH BY GEAR, 1962 - Continued

SPECIES	HARPOONS		SPEARS		DREDGES	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
COO	-	-	-	-	7,800	\$538
EELS, COMMON	-	-	4,000	\$1,000	-	-
FLOUNDERS:						
BLACKBACK	-	-	-	-	24,400	2,372
DAB	-	-	-	-	11,200	568
FLUKE	-	-	-	-	3,400	618
GRAY SOLE	-	-	-	-	14,000	922
LEMON SOLE	-	-	-	-	6,100	1,040
YELLOWTAIL	-	-	-	-	190,300	8,871
HADDOCK	-	-	-	-	9,800	730
SKORDFISH	632,600	\$275,519	-	-	-	-
TUNA, BLUEFIN	21,900	2,680	-	-	-	-
WOLFFISH	-	-	-	-	600	20
UNCLASSIFIED, FOR FOOD	-	-	-	-	200	14
CLAMS:						
HARD, PUBLIC	-	-	-	-	464,700	154,441
SURF	-	-	-	-	2,500	808
MUSSELS, SEA	-	-	-	-	271,000	20,325
OYSTERS, MARKET:						
PUBLIC:						
SPRING	-	-	-	-	8,200	4,590
FALL	-	-	-	-	24,000	19,011
PRIVATE, SPRING	-	-	-	-	1,000	1,359
SCALLOPS:						
BAY	-	-	-	-	1,157,100	857,636
SEA	-	-	-	-	19,543,400	7,976,045
SQUID	-	-	-	-	2,700	79
TOTAL	654,500	278,199	4,000	1,000	21,742,400	9,049,987
SPECIES	TONGS		RAKES		HOES	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CLAMS:						
HARD:						
PUBLIC	182,700	\$113,724	478,400	\$337,804	169,900	\$117,215
PRIVATE	2,700	1,729	20,200	16,480	-	-
RAZOR	-	-	-	-	31,400	14,340
SOFT, PUBLIC	-	-	50,100	45,008	480,200	322,144
SURF	-	-	7,700	1,400	-	-
CONCHS	7,400	992	-	-	-	-
MUSSELS, SEA	100,000	7,500	-	-	-	-
OYSTERS, MARKET:						
PUBLIC:						
SPRING	6,500	5,225	-	-	-	-
FALL	7,500	5,850	-	-	-	-
PRIVATE:						
SPRING	11,900	17,432	-	-	-	-
FALL	19,300	27,710	-	-	-	-
IRISH MOSS	-	-	1,262,800	27,782	-	-
BLOODWORMS	-	-	-	-	5,100	4,500
SANDWORMS	-	-	-	-	11,600	10,090
TOTAL	338,000	180,162	1,819,200	428,474	698,200	468,289
SPECIES	FORKS		DIVING OUTFITS		BY HAND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
LOBSTERS, NORTHERN	-	-	42,000	\$21,650	2,200	\$1,170
MUSSELS, SEA	185,000	\$13,875	-	-	-	-
TOTAL	185,000	13,875	42,000	21,650	2,200	1,170

NEW ENGLAND FISHERIES

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RHODE ISLAND

OPERATING UNITS BY GEAR, 1962

ITEM	HAUL SEINES, COMMON	PURSE SEINES			OTTER TRAWLS, FISH
		MACKEREL	MENHADEN	TUNA	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS	-	12	47	13	224
ON BOATS AND SHORE:					
REGULAR	6	-	-	-	14
CASUAL	-	2	-	-	5
TOTAL	6	14	47	13	243
VESSELS, MOTOR	-	1	6	1	70
GROSS TONNAGE	-	65	395	328	2,261
BOATS:					
MOTOR	-	2	7	2	10
OTHER	-	1	1	-	-
GEAR:					
NUMBER	4	2	6	1	80
LENGTH, YARDS	766	600	1,950	900	-
YARDS AT MOUTH	-	-	-	-	1,929

ITEM	FLOATING TRAPS	POTS AND TRAPS				LINES HAND
		CONCH	CRAB	EEL	LOBSTER	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS	49	-	2	-	4	16
ON BOATS AND SHORE:						
REGULAR	3	9	8	10	60	27
CASUAL	-	-	-	1	93	175
TOTAL	52	9	10	11	157	218
VESSELS, MOTOR	5	-	1	-	2	7
GROSS TONNAGE	83	-	12	-	20	91
BOATS:						
MOTOR	6	6	5	11	129	63
OTHER	8	-	-	-	-	-
GEAR:						
NUMBER	17	307	720	550	7,292	231
HOOKS	-	-	-	-	-	343

ITEM	LINES - CONTINUED				DREDGES	
	TROLL		LONG OR SET WITH HOOKS	HARPOONS	CLAM	MUSSEL
	TUNA	OTHER				
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS	2	5	10	67	20	2
ON BOATS AND SHORE:						
REGULAR	-	-	2	6	31	-
CASUAL	-	8	2	-	-	-
TOTAL	2	13	14	73	51	2
VESSELS, MOTOR	1	2	2	17	6	1
GROSS TONNAGE	19	25	178	676	152	16
BOATS:						
MOTOR	-	4	2	3	12	-
OTHER	-	-	-	21	-	-
GEAR:						
NUMBER	2	13	4	20	20	1
YARDS AT MOUTH	2	-	-	-	20	2
HOOKS	2	13	3,860	-	-	-

ITEM	DREDGES- CONTINUED	TONGS		RAKES	HOES	TOTAL, EXCLUSIVE OF DUPLI- CATION
	SCALLOP	OYSTER	OTHER			
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS	11	-	-	-	-	372
ON BOATS AND SHORE:						
REGULAR	17	6	321	80	10	436
CASUAL	26	-	437	109	-	719
TOTAL	54	6	758	189	10	1,527
VESSELS, MOTOR	1	-	-	-	-	93
GROSS TONNAGE	53	-	-	-	-	3,165
BOATS:						
MOTOR	43	6	758	189	-	981
OTHER	-	-	-	-	-	35
GEAR:						
NUMBER	88	6	758	189	10	-
YARDS AT MOUTH	73	-	-	-	-	-

NEW ENGLAND FISHERIES

RHODE ISLAND - CATCH BY GEAR, 1962

SPECIES	HAUL SEINES		PURSE SEINES		OTTER TRAWLS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ANGLERFISH	-	-	-	-	6,500	\$163
BLUEFISH	-	-	-	-	20,600	1,938
BONITO	-	-	-	-	100	8
BUTTERFISH	-	-	-	-	4,766,400	359,494
COD	-	-	-	-	477,300	40,112
EELS, CONGER	-	-	-	-	6,800	215
FLOUNDERS:						
BLACKBACK	-	-	-	-	2,034,800	120,375
DAB	-	-	-	-	27,900	1,869
FLUKE	-	-	-	-	596,700	140,888
GRAY SOLE	-	-	-	-	23,100	2,130
LEMON SOLE	-	-	-	-	2,000	376
YELLOWTAIL	-	-	-	-	5,729,400	353,304
HADDOCK	-	-	-	-	28,900	2,080
HAKE:						
RED	-	-	-	-	93,100	1,966
WHITE	-	-	-	-	15,200	797
HERRING, SEA	-	-	-	-	149,500	3,799
KING WHITING OR "KINGFISH"	-	-	-	-	1,300	95
MACKEREL	-	-	19,500	\$2,558	6,000	957
MENHADEN	-	-	7,715,100	63,678	-	-
POLLOCK	-	-	-	-	16,600	590
SCUP OR PORGY	-	-	-	-	2,194,300	140,374
SEA BASS	-	-	-	-	49,700	8,459
SEA TROUT OR WEAKFISH, GRAY	-	-	-	-	1,300	157
SHARKS:						
GRAYFISH	-	-	-	-	300	9
UNCLASSIFIED	-	-	-	-	1,500	65
SKATES	-	-	-	-	11,100	327
SMELT	400	\$110	-	-	100	22
STRIPED BASS	600	64	-	-	2,800	410
STURGEON	-	-	-	-	1,700	195
TAUTOG	-	-	-	-	26,700	940
TILEFISH	-	-	-	-	66,100	7,257
TUNA, BLUEFIN	-	-	1,152,100	80,647	-	-
WHITE PERCH	6,700	1,035	-	-	-	-
WHITING	-	-	-	-	3,838,400	89,837
UNCLASSIFIED:						
FOR FOOD	-	-	-	-	2,900	219
BAIT, REDUCTION, AND ANIMAL FOOD	-	-	-	-	37,672,600	226,288
LOBSTERS, NORTHERN	-	-	-	-	315,700	150,624
SQUID	-	-	-	-	344,000	27,434
TOTAL	7,700	1,209	8,886,700	146,883	58,533,400	1,683,773

SPECIES	FLOATING TRAPS		POTS AND TRAPS		LINES	
	POUNDS	VALUE	POUNDS	VALUE	HAND	
					POUNDS	VALUE
ANCHOVIES	31,000	\$2,405	-	-	-	-
BLUEFISH	89,200	10,596	-	-	700	\$75
BONITO	50,600	7,522	-	-	-	-
BUTTERFISH	174,900	43,356	-	-	-	-
COD	94,600	10,375	-	-	78,600	5,797
EELS:						
COMMON	-	-	33,000	\$6,479	-	-
CONGER	700	27	-	-	1,000	66
FLOUNDERS:						
BLACKBACK	200	11	-	-	400	41
FLUKE	78,300	14,503	-	-	700	150
HAKE, WHITE	-	-	-	-	100	2
HERRING, SEA	17,100	1,433	-	-	-	-
KING WHITING OR "KINGFISH"	600	67	-	-	-	-
MACKEREL	120,600	22,348	-	-	300	19
MENHADEN	800	32	-	-	-	-
POLLOCK	4,900	185	-	-	400	18
SCUP OR PORGY	4,522,900	261,154	-	-	-	-
SEA BASS	95,200	13,244	-	-	1,100	255
SEA ROBIN	96,700	1,232	-	-	-	-
SEA TROUT OR WEAKFISH, GRAY	5,400	1,006	-	-	-	-
SHAD	7,100	583	-	-	-	-
SHARKS, UNCLASSIFIED	500	27	-	-	-	-
STRIPED BASS	23,400	4,641	-	-	34,300	5,063
STURGEON	400	36	-	-	-	-
SWELLFISH	3,000	52	-	-	-	-
TAUTOG	25,400	550	-	-	4,700	368

(CONTINUED ON NEXT PAGE)

RHODE ISLAND - CATCH BY GEAR, 1962 - Continued

SPECIES	FLOATING TRAPS		POTS AND TRAPS		LINES	
					HAND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
TUNA, BLUEFIN	14,500	\$2,335	-	-	300	\$23
WHITING	151,000	5,919	-	-	-	-
UNCLASSIFIED: FOR FOOD	41,800	2,358	-	-	200	13
BAIT, REDUCTION, AND ANIMAL FOOD	81,400	505	-	-	-	-
CRABS:						
GREEN	-	-	17,500	\$2,190	-	-
ROCK	-	-	160,000	18,300	-	-
LOBSTERS, NORTHERN	-	-	259,800	170,045	-	-
CONCHS	-	-	59,600	12,237	-	-
SQUID	598,600	47,822	-	-	-	-
TOTAL	6,341,800	454,364	529,900	209,251	122,800	11,890

SPECIES	LINES - CONTINUED				HARPOONS	
	TROLL		LONG OR SET WITH HOOKS			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUEFISH	100	\$12	-	-	-	-
COD	-	-	48,900	\$3,509	-	-
STRIPED BASS	100	11	-	-	-	-
SWORDFISH	-	-	15,700	5,336	93,500	\$42,432
TUNA, BLUEFIN	23,300	1,674	1,400	165	500	160
UNCLASSIFIED, FOR FOOD	-	-	100	8	-	-
TOTAL	23,500	1,697	66,100	9,018	94,000	42,592

SPECIES	DREDGES		TONGS		RAKES		HOES	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FLOWNERS, YELLOWTAIL	500	\$28	-	-	-	-	-	-
CLAMS:								
HARD, PUBLIC	208,900	92,623	1,544,800	\$680,135	386,300	\$170,034	-	-
OCEAN QUAHOG	67,100	6,712	-	-	-	-	-	-
SOFT, PUBLIC	-	-	-	-	-	-	5,200	\$3,156
CONCHS	-	-	200	34	100	12	-	-
MUSSELS, SEA	1,500	237	-	-	-	-	-	-
OYSTERS, MARKET, PUBLIC:								
SPRING	-	-	3,500	3,304	-	-	-	-
FALL	-	-	5,300	4,955	-	-	-	-
SCALLOPS:								
BAY	3,500	3,515	-	-	-	-	-	-
SEA	6,300	2,195	-	-	-	-	-	-
TOTAL	287,800	105,310	1,553,800	688,428	386,400	170,046	5,200	3,156



HARD CLAM

NEW ENGLAND FISHERIES

CONNECTICUT

OPERATING UNITS BY GEAR, 1962

ITEM	HAUL SEINES, COMMON	OTTER TRAWLS, FISH	FYKE AND HOOP NETS, FISH	POTS AND TRAPS		
				CONCH	EEL	LOBSTER
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS	-	77	-	-	-	9
ON BOATS AND SHORE:						
REGULAR	-	9	-	7	-	24
CASUAL	9	36	1	7	25	119
TOTAL	9	122	1	14	25	152
VESSLS, MOTOR	-	30	-	-	-	6
GROSS TONNAGE	-	1,024	-	-	-	54
BOATS:						
MOTOR	5	31	1	11	21	112
OTHER	2	-	-	-	-	-
GEAR:						
NUMBER	7	61	6	495	410	6,678
LENGTH, YARDS	508	-	-	-	-	-
YARDS AT MOUTH	-	1,161	-	-	-	-

ITEM	GILL NETS			LINES, HAND	DIP NETS, COMMON	HARPOONS, SWORDFISH
	ANCHOR, SET OR STAKE	DRIFT				
		SHAD	OTHER			
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS	-	-	-	2	-	7
ON BOATS AND SHORE:						
REGULAR	-	20	4	2	67	-
CASUAL	14	95	3	36	213	-
TOTAL	14	115	7	40	280	7
VESSLS, MOTOR	-	-	-	1	-	3
GROSS TONNAGE	-	-	-	42	-	87
BOATS:						
MOTOR	3	48	6	27	278	-
OTHER	7	25	-	-	-	2
GEAR:						
NUMBER	10	66	6	43	280	3
SQUARE YARDS	1,670	113,130	2,033	-	-	-
HOOKS	-	-	-	77	-	-

ITEM	DREDGES		TONGS		TOTAL, EXCLUSIVE OF DUPLI- CATION
	CLAM	OYSTER, COMMON	OYSTER	OTHER	
FISHERMEN:					
ON VESSELS	18	32	-	-	132
ON BOATS AND SHORE:					
REGULAR	-	-	6	2	116
CASUAL	-	-	5	6	459
TOTAL	18	32	11	8	707
VESSLS, MOTOR	7	11	-	-	51
GROSS TONNAGE	210	264	-	-	1,542
BOATS:					
MOTOR	-	-	9	7	463
OTHER	-	-	-	-	32
GEAR:					
NUMBER	7	22	11	8	-
YARDS AT MOUTH	7	28	-	-	-

NEW ENGLAND FISHERIES

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CONNECTICUT - CATCH BY GEAR, 1962

SPECIES	HAUL SEINES		OTTER TRAWLS		FYKE AND HOOP NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	6,000	\$100	-	-	-	-
BLUEFISH	-	-	3,100	\$469	-	-
BUTTERFISH	-	-	133,800	10,192	-	-
CARP	2,100	260	-	-	-	-
COD	-	-	261,100	22,147	-	-
EELS, COMMON	-	-	-	-	600	\$140
FLOUNDERS:						
BLACKBACK	-	-	1,009,900	60,726	-	-
DAB	-	-	800	54	-	-
FLUKE	-	-	123,700	29,734	-	-
GRAY SOLE	-	-	1,600	150	-	-
YELLOWTAIL	-	-	78,800	4,852	-	-
HADDOCK	-	-	7,400	532	-	-
HAKE:						
RED	-	-	13,200	278	-	-
WHITE	-	-	1,400	75	-	-
HERRING, SEA	-	-	59,200	1,472	-	-
MACKEREL	-	-	2,700	411	-	-
MENHADEN	-	-	300	3	-	-
POLLOCK	-	-	16,200	575	-	-
SCUP OR PORGY	-	-	982,100	65,327	-	-
SEA BASS	-	-	30,200	4,668	-	-
SEA ROBIN	-	-	11,600	135	-	-
SEA TROUT OR WEAKFISH, GRAY	-	-	4,800	506	-	-
SHAD	10,400	1,817	12,900	2,883	-	-
SHARKS:						
GRAYFISH	-	-	5,700	71	-	-
UNCLASSIFIED	-	-	700	16	-	-
SKATES	-	-	20,100	248	-	-
SMELT	100	25	-	-	-	-
STURGEON	-	-	10,700	1,438	-	-
SUCKERS	200	10	-	-	1,600	25
SWELLFISH	-	-	800	13	-	-
TAUTOG	-	-	27,900	1,031	-	-
WHITING	-	-	532,100	13,322	-	-
UNCLASSIFIED:						
FOR FOOD	-	-	28,700	1,305	-	-
BAIT, REDUCTION, AND ANIMAL FOOD	5,000	90	532,900	7,807	-	-
LOBSTERS, NORTHERN	-	-	379,200	180,920	-	-
CONCHS	-	-	11,200	2,059	-	-
SQUID	-	-	147,800	10,222	-	-
TOTAL	23,800	2,302	4,451,600	423,639	2,200	165

SPECIES	POTS AND TRAPS		GILL NETS			
			ANCHOR, SET OR STAKE		DRIFT	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	-	-	7,000	\$110	-	-
CARP	-	-	-	-	2,500	\$268
EELS, COMMON	17,300	\$3,056	-	-	-	-
MACKEREL	-	-	-	-	1,600	224
MENHADEN	-	-	-	-	4,300	54
SHAD	-	-	4,200	735	428,300	15,136
STRIPED BASS	-	-	-	-	800	158
UNCLASSIFIED, FOR BAIT, REDUCTION, AND ANIMAL FOOD	-	-	-	-	15,000	200
LOBSTERS, NORTHERN	249,500	163,614	-	-	-	-
CONCHS	75,000	12,746	-	-	-	-
TOTAL	341,800	179,416	11,200	845	452,500	76,040

SPECIES	LINES, HAND		DIP NETS		HARPOONS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	-	-	6,000	\$66	-	-
BLUEFISH	28,400	\$5,128	-	-	-	-
COD	26,700	2,416	-	-	-	-
FLOUNDERS:						
BLACKBACK	800	58	-	-	-	-
FLUKE	200	30	-	-	-	-
MACKEREL	1,100	158	-	-	-	-
SCUP OR PORGY	200	15	-	-	-	-
SHARKS, UNCLASSIFIED	200	2	-	-	-	-

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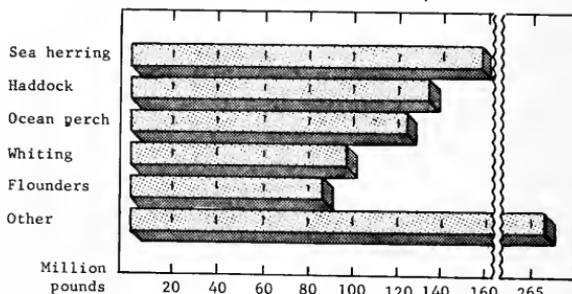
NEW ENGLAND FISHERIES

CONNECTICUT - CATCH BY GEAR, 1962 - Continued

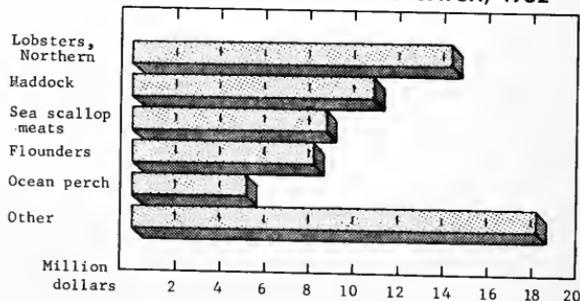
SPECIES	LINES, HAND		DIP NETS		HARPOONS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
STRIPED BASS	31,700	\$4,442	-	-	-	-
SWORDFISH	-	-	-	-	2,600	\$1,117
TAUOG	1,400	59	-	-	-	-
WHITING	500	15	-	-	-	-
UNCLASSIFIED, FOR BAIT, REDUCTION, AND ANIMAL FOOD .	1,300	35	-	-	-	-
CRABS, BLUE, HARD	-	-	1,900	\$537	-	-
SCALLOPS, BAY	-	-	160,700	144,469	-	-
TOTAL	94,500	12,356	168,600	145,072	2,600	1,117

SPECIES	DREDGES		TONGS	
	POUNDS	VALUE	POUNDS	VALUE
CLAMS, HARD:				
PUBLIC	-	-	700	\$315
PRIVATE	261,000	\$93,969	-	-
OYSTERS, MARKET:				
PUBLIC, SPRING	-	-	5,900	4,001
PRIVATE:				
SPRING	118,900	164,219	-	-
FALL	61,200	112,346	-	-
TOTAL	461,100	370,534	6,600	4,316

NEW ENGLAND STATES CATCH, 1962



VALUE OF NEW ENGLAND STATES CATCH, 1962



LANDINGS AT MAINE PORTS

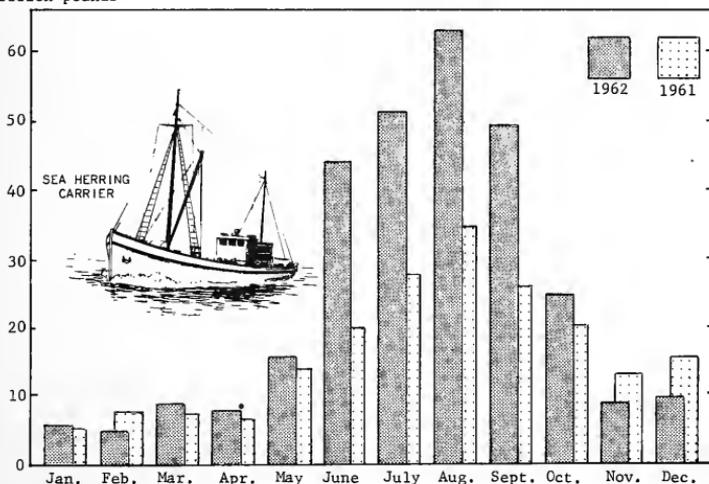
In cooperation with the Maine Department of Sea and Shore Fisheries, the Bureau of Commercial Fisheries collects and compiles monthly and annual data on the landings of fish, shellfish, and other aquatic resources in the State of Maine. This information is published monthly in "Maine Landings" which is in the Current Fishery Statistics series of reports. Additional detailed tabulations are prepared for the use of Bureau and State scientists and the International Commission for the Northwest Atlantic Fisheries.

Maine landings data, summarized by species and months, appeared in Digests for the years from 1947 through 1958. In 1959, data were shown on the catch off Canada by species and area of capture. Information was also included on the number of fishing craft operated, trips, days absent, and days fished. Since 1960, similar data have been shown for most of the Maine catch, except sea herring, lobsters, sea scallops, and a small amount of other fish. The quantities shown by individual gears and subareas represent the landed weight of the fish and shellfish. A total of the round weight of all species except univalve and bivalve mollusks is also shown. The weights for these shellfish are reported in pounds of meats.

In 1962, landings at Maine ports by fishing craft of all sizes amounted to 294 million pounds--up 96 million pounds compared with the previous year. The increase was caused by the return of the sea herring fishery to normal levels of productivity. Significant increases also occurred in the lobster, whiting, and shrimp fisheries. Catches of ocean perch, sea scallops, and sea moss were less than in 1961.

LANDINGS AT MAINE PORTS BY MONTHS, 1962 AND 1961

Million pounds



LANDINGS AT MAINE PORTS SUMMARY OF FISHERY - BY GEAR AND SUBAREA, 1962

GEAR AND SUBAREA	CRAFT FISHING		TRIPS NUMBER	DAYS ABSENT NUMBER	DAYS FISHED NUMBER	COD, DRAWN			CUSH, DRAWN POUNDS	FLOUNDERS, ROUND			
	NUMBER	POUNDS				MARKET POUNDS	SCROD POUNDS	GRAY SOLE POUNDS		LEMON SOLE POUNDS	YELLOW- TAIL POUNDS		
LINE TRAWLS:													
SOUTHWEST GRAND BANKS	1	1.0	18	5.0	-	-	-	-	-	-	-	-	-
EASTERN MAINE	7	49.0	24.5	23,054	971	-	-	-	-	-	-	-	-
CENTRAL MAINE	90	555.0	27.5	42,693	73,129	3,050	103,090	34	-	-	-	-	-
WESTERN MAINE	14	139.0	151	75.3	38,965	36,922	142,125	-	-	-	-	-	-
OFF LONG ISLAND	1	1.0	1	4.5	-	-	-	-	-	-	-	-	-
TOTAL	112	745.0	785	386.8	-	133,105	4,486	245,215	34	-	-	-	-
HAND LINES:													
EASTERN MAINE	5	32.0	32	16.0	-	15,988	-	3,061	-	-	-	-	-
CENTRAL MAINE	56	212.0	212	106.0	-	51,177	86,930	3,812	-	-	-	-	-
WESTERN MAINE	11	55.0	55	23.9	-	18,745	15,780	-	233	-	-	-	-
TOTAL	72	299.0	299	145.9	-	69,922	118,698	3,812	233	-	-	-	-
HARPOONS:													
SOUTHEAST GRAND BANKS	1	1.0	43	29.0	-	-	-	-	-	-	-	-	-
CENTRAL MAINE	1	1.0	1	0.5	-	-	-	-	-	-	-	-	-
WESTERN MAINE	24	188.0	106	93.0	-	-	-	-	-	-	-	-	-
TOTAL	26	188.0	230	122.5	-	-	-	-	-	-	-	-	-
OTTER TRAWLS:													
NORTHERN GRAND BANKS	2	0.2	3	0.4	-	-	-	-	-	-	-	-	-
SOUTHEAST GRAND BANKS	8	87.4	1,402	261.5	-	2,735	1,650	-	-	1,710	-	-	-
SOUTHWEST GRAND BANKS	8	26.0	410	112.6	-	179	294	-	70	-	-	-	-
ST. PIERRE BANK	5	2.6	38	11.4	-	-	-	-	-	-	-	-	-
NORTHEAST CAPE BRETON	5	3.7	46	14.0	-	300	1,195	-	890	-	-	-	-
NEW BRUNSWICK	1	1.0	1	0.5	-	34	17	-	-	-	-	-	-
BAVOUREAU	19	8.8	113	38.2	-	20	6	-	17	-	-	-	-
CANSD	15	15.5	221	52.5	-	3,456	4,691	-	412	-	-	-	-
MIDDLE GROUND	12	8.8	105	32.2	-	2,688	4,613	-	545	-	-	-	-
HORSESHOE GROUND	7	9.3	101	33.9	-	2,290	3,360	-	2,927	-	-	-	-
EASTERN NOVA SCOTIA	13	19.5	226	63.4	-	3,360	6,480	-	1,488	-	-	-	-
EMERALD BANK	4	5.5	61	17.5	-	720	1,270	-	770	-	-	-	-
CENTRAL NOVA SCOTIA	14	27.6	319	77.9	-	12,565	10,752	-	2,978	-	-	-	-
WESTERN NOVA SCOTIA	24	36.7	363	92.3	-	23,398	31,532	-	5,414	-	-	-	-
SOUTHERN NOVA SCOTIA	26	43.8	393	139.4	-	7,761	30,096	-	830	-	-	-	-
WESTERN BAY OF FUNDY	2	1.3	9	2.5	-	-	-	-	13,171	-	-	-	-
NORTHERN BAY OF FUNDY	3	0.7	5	1.3	-	-	-	-	245	-	-	-	-
EASTERN MAINE	14	78.5	153.7	490	-	11,642	110,267	-	26,479	-	-	-	-
CENTRAL MAINE	89	1,228.3	1,023.4	601.000	-	116,590	1,601,000	-	37,955	-	-	-	6,061
WESTERN MAINE	1,596.9	1,623.9	1,023.4	601.000	-	116,590	1,601,000	-	37,955	-	-	-	6,061
INNER GROUNDS	36	219.3	1,341	509.18	-	62,176	76,288	-	59,556	-	-	-	10,680
WEST SIDE SOUTH CHANNEL	12	12.9	89	27.5	-	2,973	2,884	-	115,508	-	-	-	-
EAST SIDE SOUTH CHANNEL	8	6.1	37	13.4	-	4,063	1,521	-	1,266	-	-	-	1,800
TOTAL	1,127	3,639.0	9,567	3,368.9	-	301,610	633,105	2,236	277,153	1,200	1,200	1,200	17,341
SINK GILL NETS:													
WESTERN MAINE	6	794.0	799	799.0	-	467,664	111,807	-	13,446	-	-	-	-

(CONTINUED ON NEXT PAGE)

SEE FOOTNOTES AT END OF TABLE.

LANDINGS AT MAINE PORTS

SUMMARY OF FISHERY - BY GEAR AND SUBAREA, 1962 - Continued

GEAR AND SUBAREA	CRAFT FISHING	TRIPS	DAYS ABSENT	DAYS FISHED	COO, DRAWN			CUSK, DRAWN	FLOUNDERS, ROUND			
					LARGE	MARKET	SCROD		GRAY SOLE	LEMON SOLE	YELLOW-TAIL	
												POUNDS
SCALLOP OREGOES:	NUMBER	NUMBER	NUMBER	NUMBER	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
EASTERN MAINE	14	101.0	101	50.5	-	-	-	-	-	-	-	-
SOUTHERN MAINE	37	240.0	230	120.3	-	-	-	-	-	-	-	-
NORTHERN EDGE AND NORTHEAST PEAK	1	49.0	460	325.0	-	-	-	-	-	-	-	-
CENTRAL AND SOUTHEAST GEORGES	1	1.2	12	9.2	-	-	-	-	-	-	-	-
TOTAL	1/39	400.0	844	510.0	-	-	-	-	-	-	-	-
TOTAL (LANDED WEIGHT, ALL SPECIES)	1/396	6,005.0	12,484	5,293.1	924,350	996,715	10,534	539,245	597,754	1,200	17,341	17,341
TOTAL (ROUND WEIGHT, ALL SPECIES 2/).	-	-	-	-	1,081,490	1,166,156	12,325	609,347	597,754	1,200	17,341	17,341
MISCELLANEOUS GEAR, UNCLASSIFIED WATERS OFF MAINE	-	-	-	-	-	-	-	-	-	-	-	-
GRAND TOTAL (ROUND WEIGHT 2/).	-	-	-	-	1,081,490	1,166,156	12,325	609,347	597,754	1,200	17,341	17,341
GEAR AND SUBAREA	FLOUNDERS, ROUND-CONTINUED	DAB	GRAY-FISH, ROUND	HADDOCK, DRAWN	HAKE, WHITE, DRESSED		HALIBUT, DRAWN	MACKEREL, ROUND	HERRING, SEA	OCEAN PERCH, ROUND		
	POUNDS	POUNDS	POUNDS	LARGE	SCROD	LARGE					POUNDS	POUNDS
LINE TRAWLS:	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
EASTERN MAINE	-	-	-	2,782	1,541	2,731	-	8,063	-	-	-	-
CENTRAL MAINE	-	-	-	53,571	18,195	1,800,450	-	32,754	-	-	-	-
WESTERN MAINE	-	470	39,405	34,571	15,193	9,460	40,105	7,235	-	-	-	180
TOTAL	-	470	39,405	92,424	35,471	1,812,566	40,105	47,352	-	-	-	180
HAND LINES:	-	-	-	-	-	-	-	-	-	-	-	-
EASTERN MAINE	-	-	-	1,733	390	444	-	-	-	-	-	-
CENTRAL MAINE	-	-	-	10,052	2,677	4,001	-	1,300	-	-	-	-
WESTERN MAINE	-	-	-	180	50	-	-	-	-	-	-	-
TOTAL	-	-	-	11,905	3,317	4,445	-	1,300	-	-	-	-
OTTER TRAWLS:	-	-	-	-	-	-	-	-	-	-	-	-
NORTHERN GRAND BANKS	-	-	-	-	60	-	-	-	-	-	-	17,000
SOUTHEAST GRAND BANKS	-	-	-	-	4,144	-	-	-	-	-	-	22,839,212
SOUTHWEST GRAND BANKS	-	-	-	91	-	-	329	2,063	-	-	-	6,767,699
ST. PIERRE BANK	-	-	-	-	-	-	-	-	-	-	-	516,253
THE PELOUZE BANK	-	-	-	1,136	1,025	-	1,840	367	-	-	-	1,172,794
MISLE BRETON	-	425	-	531	60	-	40	-	-	-	-	-
MANICOUBEAU	-	-	-	124	80	-	14	1,005	-	-	-	1,512,609
CANSO	-	29,184	-	271	843	-	457	75	-	-	-	2,471,934
MIDDLE GROUND	-	1,130	-	469	1,573	-	690	380	-	-	-	1,512,746
HORSESHOE GROUND	-	1,407	-	3,182	5,642	-	3,401	50	-	-	-	1,503,952

(CONTINUED ON NEXT PAGE)

SEE FOOTNOTES AT END OF TABLE.

LANDINGS AT MAINE PORTS

SUMMARY OF FISHERY - BY GEAR AND SUBAREA, 1962 - Continued

	FLOUNDERS:		GRAY-FISH ROUND	HADDOCK, DRAWN		HAKE, WHITE, DRESSED		HALIBUT, DRAWN	HERRING, SEA	MACKEREL, ROUND	OCEAN PERCH, ROUND
	ROUND-CONTINUED			LARGE	SCROD	LARGE	SMALL				
	BLACK-BACK	DAB									
OTHER TRAWLS - CONTINUED:	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
EASTERN NOVA SCOTIA	-	478	-	1,338	1,668	115	2,611	-	-	-	2,569,674
EMERALD BANK	-	160	-	594	594	-	14	-	-	-	756,635
SOUTHERN NOVA SCOTIA	-	2,869	-	7,983	5,618	350	4,680	417	-	-	3,182,021
EASTERN BROWNS	-	4,167	-	5,581	11,478	735	2,209	826	-	-	3,327,507
SOUTHERN BROWNS	-	4,220	-	5,920	11,970	435	7,475	-	-	-	3,523,540
WESTERN NOVA SCOTIA	-	5,105	-	53,370	32,312	7,475	20,341	-	-	-	3,572,230
NORTHERN BAY OF FUNDY	-	610	-	2,120	1,285	-	-	-	-	-	34,000
NORTHERN BAY OF FUNDY	210	-	-	1,665	690	955	-	-	-	-	14,100
CENTRAL MAINE	67,275	-	-	120,179	84,879	38,677	6,045	-	-	-	2,543,000
EASTERN MAINE	300,449	-	-	302,584	229,512	13,485	13,485	20,100	-	-	1,791,452
INNER GROUNDS	57,640	-	8,285	363,537	151,037	51,101	51,101	1,466	-	-	2,378,440
WEST SIDE SOUTH CHANNEL	45,207	-	-	360,543	165,536	15,290	56,160	-	-	-	9,587,072
EAST SIDE SOUTH CHANNEL	1,715	-	-	13,713	8,926	-	1,168	-	-	-	266,397
TOTAL	73,425	515,326	8,285	1,253,698	743,479	207,981	170,363	31,068	20,100	-	69,453,189
SINK GILL NETS:	-	-	-	-	-	-	-	-	-	-	-
WESTERN MAINE	-	-	-	646,708	91,772	43,405	166,308	409	-	-	-
TOTAL (LANDED WEIGHT, ALL SPECIES) <u>1/</u>	73,425	515,326	694,398	1,449,799	762,267	2,068,397	376,776	80,129	20,100	-	69,453,369
MISCELLANEOUS GEAR:	73,425	515,326	694,398	1,652,770	891,784	2,771,652	504,880	92,148	20,100	-	69,453,369
UNCLASSIFIED WATERS OFF MAINE	-	-	-	-	-	-	-	-	-	-	-
GRAND TOTAL (ROUND WEIGHT <u>2/</u>)	73,425	515,326	694,398	1,652,770	891,784	2,771,652	504,880	92,148	156,679,346	39,946	69,453,369
GEAR AND SUBAREA	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
POLLOCK, DRAWN	-	-	-	-	-	-	-	-	-	-	-
TUNA, BLUEFIN, ROUND	-	-	-	-	-	-	-	-	-	-	-
WHITTING, ROUND	-	-	-	-	-	-	-	-	-	-	-
WOLF-FISH, DRAWN	-	-	-	-	-	-	-	-	-	-	-
UNCLASSIFIED FISH	-	-	-	-	-	-	-	-	-	-	-
FOR FOOD	-	-	-	3,149	-	-	-	-	-	-	-
FOR REDUCTION	-	-	-	-	153	-	-	-	-	-	-
SCALLOPS, SEA (MEATS)	-	-	-	-	-	-	-	-	-	-	-
SHRIMP, ROUND	-	-	-	-	-	-	-	-	-	-	-
UNCLASSIFIED SHELL-FISH, ETC.	-	-	-	-	-	-	-	-	-	-	-
TOTAL	18,144	525	-	272	36,146	50,430	36,146	-	-	-	2,641,484
LINE TRAWLS:	-	-	-	-	-	-	-	-	-	-	-
SOUTHWEST GRAND BANKS	-	335	-	-	3,149	-	-	-	-	-	3,484
EASTERN MAINE	4,107	-	-	-	-	-	-	-	-	-	4,107
CENTRAL MAINE	2,282	-	-	252	-	-	-	-	-	-	2,534
WESTERN MAINE	11,455	-	-	20	32,844	50,430	-	-	-	-	2,131,278
OFF LONG ISLAND	-	190	-	-	-	-	-	-	-	-	426,944
TOTAL	18,144	525	-	272	36,146	50,430	36,146	-	-	-	33,034

(CONTINUED ON NEXT PAGE)

SEE FOOTNOTES AT END OF TABLE

LANDINGS AT MAINE PORTS

SUMMARY OF FISHERY - BY GEAR AND SUBAREA, 1962 - Continued

GEAR AND SUBAREA	POLLOCK, DRAWN		TUNA, BLUEFIN, ROUND	WHITING, ROUND	WOLF-FISH, DRAWN	UNCLASSIFIED FISH		SCALLOPS, SEA SHELLS (WEATS)	SHRIMP, ROUND	LOBSTERS, ROUND	UNCLASSIFIED SHELL-FISH, ETC	TOTAL
	POUNDS	POUNDS				FOR FOOD	FOR REDUCTION						POUNDS	POUNDS
HAND LINES:												
EASTERN MAINE	18,984	-	-	-	-	-	-	-	-	-	-	37,539
CENTRAL MAINE	77,928	-	-	-	76	-	-	-	-	-	-	241,469
WESTERN MAINE	12,205	-	-	-	-	115	-	-	-	-	-	47,385
TOTAL	109,117	-	-	-	76	115	-	-	-	-	-	326,373
HARPOONS:												
SOUTHEAST GRAND BANKS	-	-	290	-	-	-	7,528	-	-	-	-	7,528
CENTRAL MAINE	-	-	-	-	-	-	-	-	-	-	-	230
WESTERN MAINE	-	-	75,171	-	-	-	-	-	-	-	-	75,171
TOTAL	-	-	75,461	-	-	-	7,528	-	-	-	-	82,989
OTTER TRAWLS:												
NORTHERN GRAND BANKS	-	-	-	-	-	-	-	-	-	-	-	17,000
SOUTHERN GRAND BANKS	-	-	-	-	-	-	-	-	-	-	-	22,845,367
SOUTHWEST GRAND BANKS	4,263	-	-	-	119	-	-	-	-	-	-	6,760,011
ST. PIERRE BANK	6,747	-	-	-	-	-	-	-	-	-	-	19,745
NORTHEAST CAPE BRETON	10,899	-	-	-	230	-	-	-	-	-	-	40,745
MISALINE BANK	4,994	-	-	-	-	-	-	-	-	-	-	1,184,842
BANQUERAU	2,639	-	-	-	-	-	-	-	-	-	-	1,518,869
CANSD	11,543	-	-	-	1,060	-	-	-	-	-	-	2,524,218
HORSESHOE GROUND	21,526	-	-	-	2,895	-	-	-	-	-	-	1,542,207
EASTERN NOVA SCOTIA	5,765	-	-	-	250	-	-	-	-	-	-	1,612,026
EMERALD BANK	46,042	-	-	-	2,386	-	-	-	-	-	-	2,611,932
CENTRAL NOVA SCOTIA	261,271	-	-	-	980	-	-	-	-	-	-	3,262,913
EASTERN BROWNS AND LA HAVE	1,200	-	-	-	65	-	3,000	-	-	-	-	57,075
SOUTHERN NOVA SCOTIA	54,402	-	-	-	895	-	-	-	-	-	-	3,883,307
WESTERN NOVA SCOTIA	4,890	-	-	-	5	-	-	-	-	-	-	3,225,475
NORTHERN BAY OF FUNDY	65,932	-	-	-	40	-	-	-	-	-	-	3,803,638
EASTERN MAINE	115,475	-	-	-	2,308	-	-	-	-	-	-	41,415
WESTERN MAINE	446,935	-	-	-	3,523	-	-	-	-	-	-	3,052,595
MINER GROUPS	335,710	-	-	-	45,000	-	-	-	-	-	-	6,996,283
WATKINS CHANNEL	29,530	-	-	-	4,331	-	-	-	-	-	-	19,619,053
EAST SIDE SOUTH CHANNEL	19,144	-	-	-	215	-	-	-	-	-	-	10,474,266
TOTAL	1,526,786	-	-	17,831,394	96,580	-	9,782	-	351,725	201	462	95,051,704

(CONTINUED ON NEXT PAGE)

SEE FOOTNOTES AT END OF TABLE.

NEW ENGLAND FISHERIES

LANDINGS AT MAINE PORTS

SUMMARY OF FISHERY - BY GEAR AND SUBAREA, 1962 - Continued

GEAR AND SUBAREA	POLLOCK, DRAWN	TUNA, BLUEFIN, ROUND	WHITING, ROUND	WOLF- FISH, DRAWN	UNCLASSIFIED FISH		SCALLOPS, SEA (HEATS)	SHRIMP, ROUND	LOBSTERS, ROUND	UNCLASSI- FIED SHELL- FISH, ETC.	TOTAL
					FOR FOOD	FOR REDUCTION					
	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
SINK GILL NETS: WESTERN MAINE	619,410	-	-	-	8,081	16,650	-	-	-	-	2,185,860
SCALLOP DREDGES: EASTERN MAINE	-	-	-	-	-	-	32,914	-	-	-	32,914
KENTHALL MAINE	-	-	-	-	-	-	121,103	-	-	-	121,103
NORTHEAST MAINE	-	-	-	-	-	-	1,581,871	-	-	-	1,581,871
CENTRAL AND SOUTHEAST GEORGES	-	-	-	-	-	-	133,541	-	-	-	133,541
TOTAL	-	-	-	-	-	-	2,169,429	-	-	-	2,169,429
TOTAL (LANDED WEIGHT, ALL SPECIES)	2,273,457	75,966	17,831,394	36,930	61,652	1,055,008	2,169,429	351,725	201	462	102,457,639
TOTAL (ROUND WEIGHT, ALL SPECIES <u>2/</u>)	2,569,006	75,966	17,831,394	44,316	61,652	1,055,008	2,169,429	351,725	201	462	104,315,114
MISCELLANEOUS GEAR: UNCLASSIFIED WATERS OFF MAINE	-	-	-	-	1,936,775	19,400	-	-	22,075,067	9,255,578	190,006,112
GRAND TOTAL (ROUND WEIGHT <u>2/</u>)	2,569,006	75,966	17,831,394	44,316	2,000,427	1,074,408	2,169,429	351,725	22,075,268	9,256,040	234,323,226

1/ EXCLUSIVE OF DUPLICATION. 2/ THE TOTAL (ROUND WEIGHT BASIS) INCLUDES THE ROUND WEIGHT OF FISH AND SHELLFISH EXCEPT FOR UNIVALVE AND BIVALVE MOLLUSKS WHICH ARE REPORTED AS POUNDS OF MEATS. THE WEIGHT OF SEA SCALLOPS REPRESENTS THE ROUND WEIGHT OF MEATS WHICH WAS REPORTED TO ROCK, BUT NOT THE WEIGHT OF MEATS WHICH WAS REPORTED TO ROCK. MEATS WHICH WERE REPORTED TO ROCK, BUT NOT TO POLLOCK, DRAWN 1.13; TUNA, DRESSED 1.25; WHITING, DRESSED 1.56; AND WOLFFISH, DRAWN 1.20.

NOTE:--OTTER TRAWLS ARE CLASSIFIED ACCORDING TO SIZE OF THE CRAFT. "SMALL" OTTER TRAWL CRAFT ARE THOSE 50 GROSS TONS CAPACITY AND UNDER; "MEDIUM", 51 GROSS TONS CAPACITY AND UNDER; "LARGE" OTTER TRAWL CRAFT ARE THOSE 51 GROSS TONS OR GREATER. DAYS ABSENT IS THE MEASURE OF TIME, TO THE NEAREST COMPLETE DAY, THAT A VESSEL IS AWAY FROM PORT DURING A FISHING TRIP. WHEN "TRAWL OPERATIONS" ARE REPORTED AS "DAYS ABSENT", THIS MEANS THAT THE VESSEL WAS ENGAGED IN FISHING OPERATIONS. THE BASIS OF THE CATCH IN EACH SUBAREA IS THE BASIS OF THE TRIP (IN TENTHS) OF THE TRIP IS ALLOTTED TO THE SUBAREA ON THE BASIS OF THE CATCH IN HOURS, MULTIPLY THE NUMBER OF DAYS FISHED BY THE TIME ACTUAL FISHING OPERATIONS WERE CARRIED ON, EXPRESSED TO THE NEAREST TENTH OF A DAY. FISHING TIME IN HOURS, MULTIPLY THE NUMBER OF DAYS FISHED BY 24.

LANDINGS AT MASSACHUSETTS PORTS

Detailed statistics on landings at Boston, Gloucester, New Bedford and other Massachusetts ports are collected and published monthly and annually in the Current Fishery Statistics series of bulletins. Additional detailed tabulations are prepared for the use of Bureau and State scientists and the International Commission for the Northwest Atlantic Fisheries. The data usually represent about 98 percent of the total Massachusetts catch. The figures do not include data on shellfish (except for landings of otter trawl caught lobsters, shrimp, sea scallop meats, and squid). Additional landings, not included in the data, consist mostly of crabs, pot caught lobsters, clams, sea-mussels, oysters, bay scallop meats, Irish moss, and small amounts of other fish and shellfish.

A summary of 1962 data on Massachusetts landings by ports and by gear and area of capture is contained in the following tables. Since the quantities shown represent the actual weights of the landings, they are not directly comparable with the catch figures which appear in other tables in this Digest.

Landings by fishing craft of all sizes at Boston, Gloucester, New Bedford, and certain other Massachusetts ports in 1962 amounted to 453 million pounds valued at \$36 million. Compared with 1961 (432 million pounds valued at \$33 million), landings increased 5 percent in volume and 9 percent in value. Gloucester accounted for 37 percent of the total production, but only 18 percent of the total value. New Bedford jumped to second place with over 26 percent of the landings and retained its leading position in value with 46 percent of the total. Boston was third in quantity (slightly under 26 percent) and second in value (29 percent). Other Massachusetts ports made up the remaining 11 percent in quantity and 7 percent in value.

Boston landings of 117.6 million pounds were up 563,600 pounds over 1961. Prices for nearly all major species increased, raising the total value nearly \$1 million or 10 percent. The most marked change took place in cod landings which increased 2.4 million pounds to a total of 21.2 million, the highest in 10 years. Haddock landings declined 1 million pounds. The catch of these fish consisted of a greater proportion of large fish than in 1961.

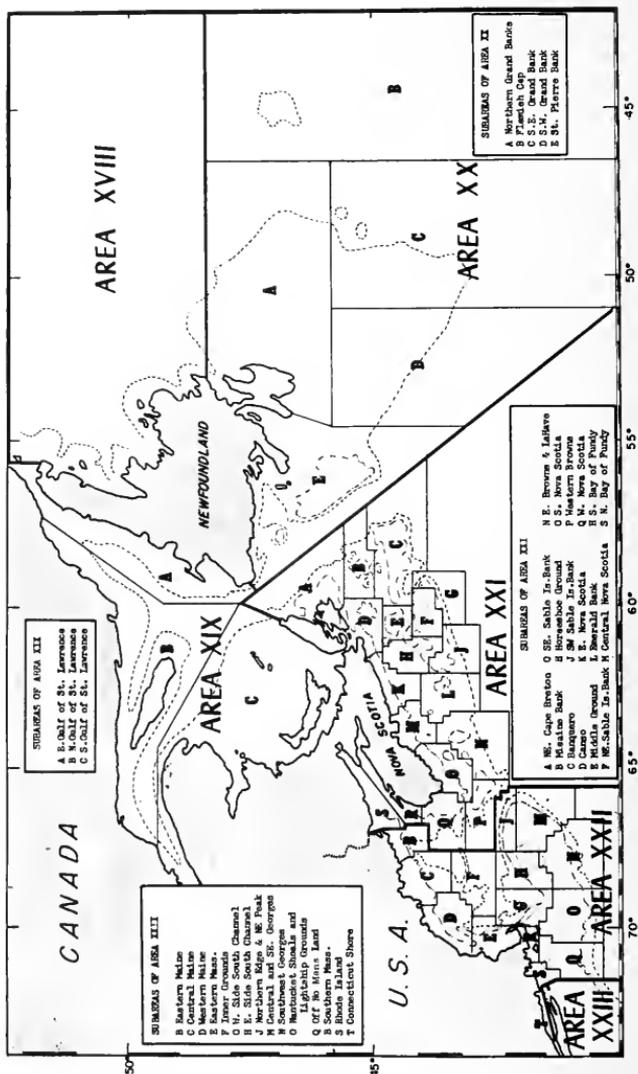
Gloucester landings increased in both volume (3 percent) and value (8 percent) in 1962. Ocean perch remained the leading species in poundage (53.6 million pounds) with whiting a very close second, (53.2 million pounds). Landings of ocean perch were at the lowest level since 1939; however, the best prices in 10 years brought the value up slightly. The greatest changes in volume were in menhaden, up 15.5 million pounds; pollock, down over 2 million; and otter trawl caught industrial fish, down 11 million.

New Bedford had the best year in its history, with landings of 120 million pounds valued at \$16.5 million--records for this port. Yellowtail flounder landings of 46.5 million pounds valued at \$3.5 million were new records for this port. New Bedford became the principal port of landing for the new tuna purse seine fishery with six vessels landing more than 3.5 million pounds. The fishery for miscellaneous industrial species was up nearly 3 million pounds, but was still at a relatively low level.

A total of 694 fishing craft captured the 453 million pounds of fish and shellfish landed at Massachusetts ports in 1962. Of this number, 428 craft operating otter trawls caught 87 percent of the landings. Purse seines accounted for 6 percent; scallop dredges, 4 percent; and the remainder was taken on lines, in pound and trap nets, by harpoons, or with gill nets. Fishing grounds off New England yielded 389 million pounds or 86 percent of the entire landings. About 13.5 percent was taken from grounds off Nova Scotia, while the remainder came from the Gulf of St. Lawrence, the Grand Banks, and from areas off the Middle Atlantic States.

NEW ENGLAND FISHERIES

STATISTICAL AREAS AND SUBAREAS USED IN REPORTING THE CATCH
LANDED AT CERTAIN MASSACHUSETTS PORTS DURING 1962



NEW ENGLAND FISHERIES

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LANDINGS AT MASSACHUSETTS PORTS

SUMMARY OF LANDINGS, 1962

SPECIES	BOSTON		GLOUCESTER	
	POUNDS	VALUE	POUNDS	VALUE
COD, DRAWN:				
LARGE	7,460,425	\$590,258	1,575,799	\$116,980
MARKET	9,419,118	747,966	1,842,523	137,156
SCROD	4,333,320	324,053	404,502	23,947
CUSK, DRAWN	652,160	45,017	429,990	24,512
FLOUNDERS, ROUND:				
GRAY SOLE	272,459	45,423	887,605	100,330
LEMON SOLE	447,103	74,721	14,268	2,685
YELLOWTAIL	816,345	62,469	205,810	12,780
BLACKBACK	910,587	130,506	120,564	10,430
DAB	1,252,380	88,128	1,326,830	73,884
FLUKE	-	-	9	1
HADDOCK, DRAWN:				
LARGE	34,996,655	3,619,323	7,843,497	806,083
SCROD	48,061,117	4,229,939	8,245,749	702,030
HAKE:				
RED, ROUND	75	5	169,050	3,942
WHITE, DRESSED:				
LARGE	785,515	54,346	465,495	29,842
SMALL	5,620	307	339,675	15,194
HALIBUT, DRAWN	51,456	18,113	59,938	17,523
MACKEREL, ROUND	20	3	218,674	23,395
MENHADEN, ROUND	-	-	15,979,641	158,294
OCEAN PERCH, ROUND	999,470	49,026	53,619,090	2,306,508
POLLOCK, DRAWN	6,599,595	363,545	5,301,113	227,293
SWORDFISH, DRESSED	23,325	12,829	-	-
TILEFISH, DRAWN	-	-	535	71
TUNA, ROUND	552	55	49,336	4,746
WHITING:				
DRESSED	208,690	9,972	62,935	2,481
ROUND	3,205	89	53,120,126	1,160,834
WOLFFISH, DRAWN	326,275	24,834	111,533	6,369
SCALLOPS, SEA (MEATS)	-	-	147,111	62,759
UNCLASSIFIED:				
FOR FOOD	1/56,915	1/3,875	2/4,700,774	2/303,308
FOR BAIT, REDUCTION, AND ANIMAL FOOD	100	5	3/9,976,935	3/87,005
TOTAL, AS LANDED	117,592,482	10,490,807	167,219,107	6,422,382

SPECIES	NEW BEDFORD		OTHER MASSACHUSETTS PORTS	
	POUNDS	VALUE	POUNDS	VALUE
COD, DRAWN:				
LARGE	1,098,400	\$89,204	1,887,367	\$159,547
MARKET	4,588,650	411,311	1,227,983	96,171
SCROD	68,515	4,698	134,462	9,111
CUSK, DRAWN	125	2	7,960	217
FLOUNDERS, ROUND:				
GRAY SOLE	659,090	77,828	158,967	20,675
LEMON SOLE	2,183,871	547,328	43,952	8,465
YELLOWTAIL	46,511,014	3,456,115	3,311,156	293,556
BLACKBACK	8,260,150	958,724	3,262,723	363,901
DAB	1,025,095	118,071	299,968	17,421
FLUKE	3,712,325	876,018	58,073	11,245
HADDOCK, DRAWN:				
LARGE	6,037,300	545,948	2,910,653	245,300
SCROD	6,284,600	495,682	982,865	57,222
HAKE:				
RED, ROUND	250	5	5,170,650	52,559
WHITE, DRESSED:				
LARGE	3,700	209	17,485	1,113
SMALL	2,595	189	107,008	6,183
HALIBUT, DRAWN	3,905	1,073	23,241	11,042
MACKEREL, ROUND	38,300	3,385	1,087,205	165,425
MENHADEN, ROUND	-	-	52,300	519
OCEAN PERCH, ROUND	-	-	960	46
POLLOCK, DRAWN	22,720	1,261	191,631	7,064
SCUP OR FORGY, ROUND	1,103,320	50,887	172,513	11,597
SWORDFISH, DRESSED	389,488	216,307	68,630	35,608
TILEFISH, DRAWN	52,650	7,131	3,145	472
TUNA, ROUND	3,595,410	255,493	2,183,401	177,963
WHITING:				
DRESSED	1,400	46	3,812,915	180,705
ROUND	-	-	15,476,849	301,629
WOLFFISH, DRAWN	13,645	510	45,055	2,293
SCALLOPS, SEA (MEATS)	19,309,021	7,875,719	73,636	29,789
UNCLASSIFIED:				
FOR FOOD	4/1,155,831	4/423,323	5/2,436,247	5/248,324
FOR BAIT, REDUCTION, AND ANIMAL FOOD	13,644,185	87,881	6/3,211,079	6/48,343
TOTAL, AS LANDED	119,765,555	16,504,348	48,420,079	2,563,305

SEE NOTES ON PAGE 122.

(CONTINUED ON NEXT PAGE)

NEW ENGLAND FISHERIES

LANDINGS AT MASSACHUSETTS PORTS

SUMMARY OF LANDINGS, 1962 - Continued

SPECIES	TOTAL			
	1962		1961	
	POUNDS	VALUE	POUNDS	VALUE
COD, DRAWN:				
LARGE	12,021,991	\$955,969	9,893,798	\$711,087
MARKET	17,078,274	1,392,604	16,975,826	1,251,365
SCROD	4,940,799	361,809	4,974,652	340,794
CUSK, DRAWN	1,090,235	69,748	1,137,747	69,513
FLOUNDERS, ROUND:				
GRAY SOLE	1,978,121	244,256	1,987,416	270,310
LEMON SOLE	2,689,194	633,199	2,407,570	633,779
YELLOWTAIL	50,844,325	3,624,920	36,665,932	2,955,481
BLANKBACK	12,554,024	1,465,561	11,923,370	1,353,752
DAB	3,904,273	297,504	2,791,908	217,565
FLUKE	3,770,407	887,264	5,210,140	927,394
HADDOCK, DRAWN:				
LARGE	51,788,105	5,216,654	49,227,221	4,802,845
SCROD	63,574,331	5,480,873	65,185,306	4,859,396
HAKE:				
RED, ROUND	5,340,025	56,511	7,146,075	85,885
WHITE, DRESSED:				
LARGE	1,272,195	85,510	1,329,104	94,938
SMALL	454,698	21,873	431,387	21,128
HALIBUT, DRAWN	138,540	47,751	186,084	58,051
MACKEREL, ROUND	1,344,199	194,208	1,609,941	245,145
MENHADEN, ROUND	16,031,941	158,813	3,362,839	29,858
OCEAN PERCH, ROUND	54,529,520	2,355,580	54,712,622	2,172,242
POLLOCK, DRAWN	12,115,059	599,163	15,035,809	689,727
SCUP OR PORCY, ROUND	1,275,833	62,484	1,034,407	43,381
SWORDFISH, DRESSED	481,443	264,744	468,455	230,640
TILEFISH, DRAWN	56,330	7,674	327,880	36,731
TUNA, ROUND	5,828,699	438,257	2,352,700	131,049
WHITING:				
DRESSED	4,085,940	193,204	3,666,717	168,637
ROUND	68,600,180	1,462,552	67,909,258	1,446,998
WOLFFISH, DRAWN	496,508	34,006	6,493,219	36,659
SCALLOPS, SEA (MEATS)	19,529,768	7,968,267	21,034,227	8,009,852
UNCLASSIFIED:				
FOR FOOD	8,349,767	978,830	6,751,969	602,046
FOR BAIT, REDUCTION, AND ANIMAL FOOD	26,832,299	223,234	34,405,783	303,939
TOTAL, AS LANDED	452,997,223	35,951,042	431,643,662	32,900,169

- 1/ ANGLERFISH, 125 POUNDS, VALUE \$5; BUTTERFISH, 13,635 POUNDS, VALUE \$1,191; CONGER EELS, 10 POUNDS, VALUE \$2; SHARKS, 2,120 POUNDS, VALUE \$177; SKATES, 3,975 POUNDS, VALUE \$189; AND MIXED, 37,050 POUNDS, VALUE \$2,311.
- 2/ ANGLERFISH, 15,800 POUNDS, VALUE \$477; BLUEFISH, 132 POUNDS, VALUE \$18; BUTTERFISH, 140,899 POUNDS, VALUE \$11,736; SALMON, 61 POUNDS, VALUE \$48; SHAD, 125 POUNDS, VALUE \$10; SHARKS, 12,459 POUNDS, VALUE \$485; SKATES, 45,800 POUNDS, VALUE \$1,547; STRIPED BASS, 1,974 POUNDS, VALUE \$343; STURGEON 465 POUNDS, VALUE \$60; TAUTOG, 140 POUNDS, VALUE \$11; LOBSTER, 9,148 POUNDS, VALUE \$3,637; SHRIMP, 35,825 POUNDS, VALUE \$5,891; SQUID, 23,537 POUNDS, VALUE \$977; AND MIXED, 4,414,309 POUNDS, VALUE \$276,068.
- 3/ ALEWIVES, 6,125,730 POUNDS, VALUE \$57,825; BUTTERFISH, 3,810 POUNDS, VALUE \$94; SEA HERRING, 20,595 POUNDS, VALUE \$212; AND MIXED, 3,826,800 POUNDS, VALUE \$28,674.
- 4/ BUTTERFISH, 130,935 POUNDS, VALUE \$7,935; DOLPHIN, 7,500 POUNDS, VALUE \$438; RED DRUM, 1,375 POUNDS, VALUE \$166; SEA BASS, 14,440 POUNDS, VALUE \$1,420; STURGEON, 2,190 POUNDS, VALUE \$205; TAUTOG, 2,565 POUNDS, VALUE \$89; LOBSTER, 927,056 POUNDS, VALUE \$412,559; AND SQUID, 14,770 POUNDS, VALUE \$492.
- 5/ BLUEFISH, 5,962 POUNDS, VALUE \$723; BUTTERFISH, 739,404 POUNDS, VALUE \$68,993; COMMON EELS, 1,000 POUNDS, VALUE \$150; FLOUNDERS, 770 POUNDS, VALUE \$22; LAUNCE, 1,740 POUNDS, VALUE \$435; SEA BASS, 2,109 POUNDS, VALUE \$361; SEA HERRING, 160,635 POUNDS, VALUE \$20,907; SHAD, 6,228 POUNDS, VALUE \$520; SHARKS, 2,951 POUNDS, VALUE \$140; SKATES, 495 POUNDS, VALUE \$15; STRIPED BASS, 85,931 POUNDS, VALUE \$12,626; STURGEON, 2,392 POUNDS, VALUE \$364; TAUTOG, 7,168 POUNDS, VALUE \$203; WHITE PERCH, 100 POUNDS, VALUE \$25; LOBSTER, 113,312 POUNDS, VALUE \$46,465; SQUID, 1,022,314 POUNDS, VALUE \$57,545; AND MIXED, 283,716 POUNDS, VALUE \$19,430.
- 6/ BUTTERFISH, 9,635 POUNDS, VALUE \$171; SEA HERRING, 1,148,559 POUNDS, VALUE \$18,436; SQUID, 129,225 POUNDS, VALUE \$3,060; AND MIXED, 1,923,660 POUNDS, VALUE \$26,676.

NOTE: --ALL SPECIES ARE LISTED AS LANDED WEIGHT. LANDED WEIGHT OF FINFISH MAY BE CONVERTED TO ROUND WEIGHT BY MULTIPLYING BY THE FOLLOWING FACTORS: COD, DRAWN 1.17; CUSK, DRAWN 1.13; HADDOCK, DRAWN 1.14; WHITE HAKE, DRESSED 1.34; HALIBUT, DRAWN 1.15; POLLOCK, DRAWN 1.13; TUNA, DRESSED 1.25; WHITING, DRESSED 1.65; AND WOLFFISH, DRAWN 1.20. THIS BULLETIN WAS COMPILED FROM LANDINGS REPORTED CURRENTLY. IN 1961 THE LANDINGS SHOWN ABOVE ACCOUNTED FOR 98 PERCENT OF THE MASSACHUSETTS CATCH. ADDITIONAL 1961 LANDINGS, PRINCIPALLY SHELLFISH, CONSISTED LARGELY OF LOBSTERS, CLAMS, IRISH MOSS, BAY SCALLOPS, AND TO A LESSER EXTENT OTHER FISH AND SHELLFISH. TOTAL LANDINGS IN MASSACHUSETTS IN 1961 BASED ON WEIGHT OF MEATS FOR UNIVALVE AND BIVALVE MOLLUSKS, AND ROUND WEIGHT FOR ALL OTHER SPECIES, TOTALLED 470,774,000 POUNDS WITH A VALUE OF \$36,900,000 TO THE FISHERMEN. THE GRADES AND SIZES GIVEN FOR CERTAIN SPECIES IN THIS REPORT ARE THOSE RECOGNIZED IN THE TRADE. "LARGE" COD ARE CLASSIFIED AS THOSE WEIGHING OVER 10 POUNDS; "MARKET" COD, 2-1/2 TO 10 POUNDS; AND "SCROD" COD, 1-1/2 TO 2-1/2 POUNDS. "LARGE" HADDOCK ARE THOSE WEIGHING OVER 2-1/2 POUNDS, AND "SCROD" HADDOCK, 1-1/2 TO 2-1/2 POUNDS. "LARGE" HAKE ARE THOSE WEIGHING OVER 6 POUNDS, AND "SMALL" HAKE, UNDER 6 POUNDS. THE FOLLOWING TERMS INDICATE THE CONDITION IN WHICH LANDED: "ROUND", AS CAUGHT; "DRAWN", EVISCERATED; AND "DRESSED", EVISCERATED AND HEADED. THE CATEGORY "OTHER MASSACHUSETTS PORTS" INCLUDES PLYMOUTH, PROVINCETOWN, AND OTHER CAPE COD PORTS.

NEW ENGLAND FISHERIES

LANDINGS AT MASSACHUSETTS PORTS SUMMARY OF FISHERY - BY GEAR AND SUBAREA, 1962

GEAR AND SUBAREA	CRAFT FISHING		TRIPS		DAYS ABSENT		DAYS FISHED		COD, DRAWN			FLOURNERS, ROUND		
	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS	LARGE	MARKET	SCROD	CUSK, DRAWN	POUNDS	
													GRAY SOLE	SOLE
LINE TRAWLS:														
ST. PIERRE BANK	1	1.0	23	-	9.0	-	-	-	-	-	-	-	-	-
AREA XX11, UNCLASSIFIED	1	928.0	931	205,253	417.6	174,845	50,926	228,090	-	-	-	-	-	-
EASTERN MASSACHUSETTS	52	61.0	62	32,085	68	34,880	14,070	122,260	-	-	-	-	-	-
INNER GROUNDS	5	1,087.0	1,088	683,550	549.8	196,719	16,120	19,200	-	-	-	-	-	290
WEST SIDE SOUTH CHANNEL	24	11.0	6	-	3.0	-	-	-	-	-	-	-	-	-
NAUTUCKET SHOALS AND LIGHTSHIP	1	11.0	20	-	6.8	-	-	-	-	-	-	-	-	-
OFF NO MANS LAND	2	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	1/ 73	2,090.0	2,133	910,688	1,028.1	406,444	81,116	369,550	-	-	-	-	-	290
HAND LINES:														
EASTERN MASSACHUSETTS	57	885.0	685	117,610	312.6	31,224	120	775	-	-	-	-	-	190
WEST SIDE SOUTH CHANNEL	47	1,634.0	1,634	720,095	815.0	210,466	-	645	-	-	-	-	-	542
TOTAL	1/ 104	2,519.0	2,519	837,705	1,127.6	241,710	120	1,420	-	-	-	-	-	732
HARPOONS:														
EASTERN MASSACHUSETTS	6	22.0	22	-	2.9	-	-	-	-	-	-	-	-	-
NAUTUCKET SHOALS AND LIGHTSHIP	9	24.0	136	-	72.7	-	-	-	-	-	-	-	-	-
OFF NO MANS LAND	17	78.0	416	-	225.4	-	-	-	-	-	-	-	-	-
TOTAL	1/ 25	124.0	574	-	301.0	-	-	-	-	-	-	-	-	-
OTTER TRAWLS:														
SOUTHEAST GRAND BANK	1	1.0	19	-	5.0	-	-	-	-	-	-	-	-	-
SOUTHWEST GRAND BANK	3	5.0	83	-	22.2	-	-	-	-	-	-	-	-	-
ST. PIERRE BANK	1	1.0	12	-	3.5	-	-	-	-	-	-	-	-	-
EAST GULF OF ST. LAWRENCE	2	0.1	1	-	0.6	-	-	-	-	-	-	-	-	-
SOUTH GULF OF ST. LAWRENCE	12	15.4	197	50	54.0	200	-	68	-	-	-	-	-	150
NORTHEAST CAPE BRETON	1	5.8	68	-	20.3	-	-	-	-	-	-	-	-	-
MISMAINE BANK	18	24.6	310	3,928	97.9	4,721	438	836	-	-	-	-	-	6,332
BANQUEREAU	20	23.5	300	9,530	92.8	23,164	-	1,078	-	-	-	-	-	327,302
CANSON	12	13.1	199	1,532	47.1	838	-	113	-	-	-	-	-	61,303
SOUTHEAST ISLAND BANK	9	29.0	471	5,326	103.2	1,836	437	1,303	-	-	-	-	-	1,768
SOUTHWEST ISLAND BANK	20	33.9	412	6,252	113.2	15,077	-	2,121	-	-	-	-	-	-
HORSESHOE SOUND	1	0.3	4	-	0.9	-	-	-	-	-	-	-	-	-
EASTERN NOVA SCOTIA	24	39.1	469	2,885	117.3	8,639	-	3,433	-	-	-	-	-	2,391
EMERALD BANK	16	8.3	104	28.5	104	7	-	30	-	-	-	-	-	240
CENTRAL NOVA SCOTIA	30	48.4	629	162.5	162.5	2,118	172	4,025	-	-	-	-	-	3,982
SOUTHERN NOVA SCOTIA	55	55.3	477	236.2	477	139,392	29,057	123,723	-	-	-	-	-	486
SOUTHERN NOVA SCOTIA HAVE	57	78.9	617	401.5	401.5	1,019,017	105,823	25,160	-	-	-	-	-	32,466
WESTERN BROWNS	47	78.9	617	277,493	460.0	480,017	105,823	25,160	-	-	-	-	-	540
WESTERN NOVA SCOTIA	11	8.5	57	25.8	25.8	61,830	2,180	5,969	-	-	-	-	-	540
SOUTHERN BAY OF FUNDY	21	16.2	126	31,645	78.1	67,089	32,270	7,723	-	-	-	-	-	5,969
NORTHERN BAY OF FUNDY	23	39.2	301	184.2	184.2	187,510	200,589	19,025	-	-	-	-	-	18,215
OFF NEW ENGLAND (AREA XX11), UNCLASSIFIED	2	4.0	18	6.9	6.9	-	-	-	-	-	-	-	-	-
EASTERN MAINE	26	53.5	403	229.2	229.2	134,233	272,034	25,627	-	-	-	-	-	19,187
CENTRAL MAINE	2	1.8	5	1.3	1.3	1,100	960	-	-	-	-	-	-	1,600

(CONTINUED ON NEXT PAGE)

SEE FOOTNOTE AT END OF TABLE.

LANDINGS AT MASSACHUSETTS PORTS

SUMMARY OF FISHERY - BY GEAR AND SUBAREA, 1962 - Continued

GEAR AND SUBAREA	CRAFT FISHING		TRIPS		DAYS ABSENT		DAYS FISHED		COD, DRAWN			CUSH, DRAWN		FLOURINGERS, ROUND		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	
OTHER TRAVELS - CONTINUED:																
WESTERN MAINS	52	430.9		698		361.6		134,460		80,697		57,729		76,992		
EASTERN MASSACHUSETTS	184	8,692.8		9,090		3,697.8		196,989		846,008		209,024		343,879		
INNER GROUNDS	47	60.3		365		157.7		21,927		7,232		36,157		30,270		
WEST SIDE SOUTH CHANNEL	211	1,765.6		6,091		3,666.2		1,260,444		3,424,228		1,071,624		269,485		
EAST SIDE SOUTH CHANNEL	181	957.5		3,053		3,918.2		3,153,324		4,683,264		2,387,951		111,824		
NORTH EDE AND NORTHEAST PEAK	111	733.6		5,360		5,423.9		2,484,602		2,063,209		4,281,630		53,074		
CENTRAL AND SOUTHEAST GEORGES	17	154.6		1,059		721.5		97,879		321,973		16,285		15,417		
NANTUCKET SHOALS AND LIGHTSHIP	144	1,158.0		5,654		3,622.4		190,225		1,479,075		55,955		30,850		
OFF NO MANS LAND	181	1,281.0		3,520		2,020.4		23,893		222,961		2,460		600		
SOUTHERN MASSACHUSETTS	66	285.1		641		329.9		32,851		35,667		3,510		2,000		
RHODE ISLAND SHORE	26	35.1		139		78.6		2,650		4,300		250		5,425		
OFF LONG ISLAND	53	657.3		707		479.6		2,650		4,300		250		5,425		
TOTAL	1/ 421	16,637.3		47,616		26,352.6		10,050,366		16,224,623		4,665,568		717,305		1,963,149
FLOATING TRAPS																
EASTERN MASSACHUSETTS	10	524.0		524		524.0		-		2,173		-		-		
SINK GILL NETS																
EASTERN MASSACHUSETTS	8	591.0		609		596.4		221,771		194,860		2,325		1,960		
DRIFT GILL NETS																
EASTERN MASSACHUSETTS	12	167.0		167		81.9		-		-		-		-		
WEST SIDE SOUTH CHANNEL	4	62.0		62		62.0		-		-		-		-		
TOTAL	1/ 16	229.0		229		143.9		-		-		-		-		
PURSE SEINES																
EASTERN MASSACHUSETTS	8	274.0		277		89.3		-		-		-		-		
WEST SIDE SOUTH CHANNEL	3	8.0		58		8.8		-		-		-		-		
OFF NO MANS LAND	6	27.0		82		23.3		-		-		-		-		
SOUTHERN MASSACHUSETTS	6	8.0		13		4.4		-		-		-		-		
TOTAL	1/ 11	317.0		430		125.8		-		-		-		-		
SCALLOP DREDGES																
EASTERN MASSACHUSETTS	5	74.0		74		22.4		-		-		-		-		
WEST SIDE SOUTH CHANNEL	2	51.6		575		284.3		-		250		-		-		
NANTUCKET SHOALS AND LIGHTSHIP	49	1,422.9		1,143		845.2		90		885		-		-		
CENTRAL AND SOUTHEAST GEORGES	60	472.3		4,214		2,978.7		-		325		-		-		
SOUTHWEST GEORGES	53	243.2		2,285		1,721.9		-		265		-		-		
NANTUCKET SHOALS AND LIGHTSHIP	41	109.5		2,465		1,867.7		1,000		3,125		120		-		
OFF NO MANS LAND	1	1.0		4		0.8		-		-		-		-		
RHODE ISLAND SHORE	1	2.0		13		33.0		-		-		-		-		
OFF LONG ISLAND	4	71.0		55		33.0		-		-		-		-		
TOTAL	1/ 72	1,385.7		11,458		8,360.2		1,090		5,465		120		-		
POUNCE NETS																
EASTERN MASSACHUSETTS	8	652.0		852		652.0		171		2,665		550		-		
WEST SIDE SOUTH CHANNEL	1	273.0		273		273.0		-		314		-		-		
SOUTHERN MASSACHUSETTS	1	47.0		47		47.0		-		-		-		-		
TOTAL	1/ 14	1,172.0		1,172		1,172.0		171		2,999		550		-		
GRAND TOTAL	1/ 694	25,589.0		67,264		39,711.6		12,021,991		17,078,274		4,940,799		1,090,235		1,978,121

(CONTINUED ON NEXT PAGE)

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LANDINGS AT MASSACHUSETTS PORTS

SUMMARY OF FISHERY - BY GEAR AND SUBAREA, 1962 - Continued

NEW ENGLAND FISHERIES

GEAR AND SUBAREA	FLOUNDERS, ROUND - CONTINUED						HADDOCK, DRAWN			HAKE	
	LEMON SOLE	YELLOW-TAIL	BLACK-BACK	DAB	FLUKE	LARGE	SCROD	REG. ROUND	WHITE, LARGE	DRESSED SMALL	
	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	
LINE TRAWLS:											
EASTERN MASSACHUSETTS.	-	300	29,495	185	-	484,436	80,243	-	8,035	335	
INNER GROUNDS.	-	-	302	-	-	146,595	31,740	-	47,655	2,725	
WEST SIDE SOUTH CHANNEL.	730	31	5,080	3	-	1,158,754	37,060	-	81,015	5,472	
OFF NO MANS LAND	-	-	-	-	-	-	-	-	-	-	
TOTAL.	730	331	34,657	188	-	1,784,665	149,063	-	63,725	6,532	
HAND LINES:											
EASTERN MASSACHUSETTS.	-	65	4,864	-	2,036	60	-	-	-	90	
WEST SIDE SOUTH CHANNEL.	42	2	421	-	71	181,131	-	-	165	610	
TOTAL.	42	67	5,285	-	2,107	181,191	-	-	165	700	
OTTER TRAWLS:											
NORTHEAST CAPE BRETON.	-	-	-	20	-	200	140	-	-	184	
MUSINE BANK	-	-	-	-	-	15	10	-	-	50	
MATHERAU	-	-	-	743	-	1,440	877	-	-	1,409	
CANSON	-	235	35,231	-	-	1,746	3,486	-	308	635	
MIDDLE GROUND.	-	-	-	120	-	975	500	-	-	269	
SOUTHEAST SABLE ISLAND BANK.	-	-	-	-	-	-	-	-	-	-	
HORSESHOE GROUND	-	-	-	1,113	-	15,197	21,463	-	1,825	3,784	
EASTERN NOVA SCOTIA.	-	-	-	-	-	6,011	9,357	-	90	479	
WESTERN NOVA SCOTIA.	-	-	-	489	-	1,190	1,937	-	-	729	
EAST BROWN AND LA HAVRE.	-	-	-	-	-	3,165	3,968	-	-	2,729	
SOUTHERN NOVA SCOTIA	2,900	3,950	950	18,017	1,302,441	2,441,188	100	-	-	1,061	
WESTERN NOVA SCOTIA.	6,043	38,885	5,067	22,636	172,203	264,630	-	-	3,809	6,728	
SOUTHERN BAY OF FUNDY.	-	85	2,700	55,188	2,472,792	3,691,264	-	-	25,550	18	
NORTHERN BAY OF FUNDY.	-	-	-	27,395	-	74,618	-	-	2,025	1,585	
NORTHERN ENGLAND (AREA XXII) UNCLASSIFIED.	-	2,200	3,790	4,771	224,901	341,711	-	-	42,401	2,506	
CENTRAL MAINE	-	520	6,420	12,379	643,351	1,059,745	-	-	176,235	1,885	
EASTERN MAINE	-	4,320	5,309	4,100	-	68,532	1,059,745	-	160,115	4,322	
EASTERN MASSACHUSETTS.	21,725	3,243,946	2,600,923	79,016	429,095	610,881	101,500	49,125	105,793	84,278	
INNER GROUNDS.	-	-	-	15,945	30,270	1,914,708	1,662,003	2,209,130	75,056	226,125	
WEST SIDE SOUTH CHANNEL.	182,892	1,084,735	3,062,352	465,908	27,460	8,566,493	11,721,238	500	16,367	8,136	
EAST SIDE SOUTH CHANNEL.	270,216	768,388	2,024,634	1,247,000	500	6,146,059	17,397,117	210,575	12,969	56,562	
CENTRAL AND NORTHEAST PEAK	-	269,291	14,789,623	226,695	5,295	6,598,816	10,277,202	1,950	23,273	248	
CENTRAL AND NORTHEAST GEORGES.	-	81,065	1,086,994	28,127	13,285	1,449,125	1,060,043	-	15,794	5	
SOUTHWEST GEORGES.	-	170,936	16,347,258	3,446,989	1,569,530	610,444	1,101,184	-	6,000	70	
NANTUCKET ISLANDS AND LIGHTSHIP	-	2,645	12,077,815	704,175	644,185	14,675	13,315	-	1,975	1,600	
OFF NO MANS LAND	6,100	316,240	1,975	-	215,992	1,913	-	-	340	6,000	
RHODE ISLAND SHORE	-	-	615	-	1,023	-	-	-	-	-	
OFF LONG ISLAND.	-	-	-	-	1,241,460	275	-	-	-	-	
TOTAL.	2,682,317	50,634,025	12,465,574	3,892,370	3,750,812	49,466,809	63,420,473	5,327,300	1,159,395	446,975	
FLOATING TRAPS:											
EASTERN MASSACHUSETTS	-	-	14	-	9	-	-	-	-	20	

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NEW ENGLAND FISHERIES

LANDINGS AT MASSACHUSETTS PORTS SUMMARY OF FISHERY - BY GEAR AND SUBAREA, 1962 - Continued

	FLOUNDER, ROUND - CONTINUED										HADDOCK, DRAIN		HAKE						
	LEMON SOLE		YELLOW-TAIL		BLACK-BACK		DAR		FLIKE		LARGE		SCROD		RED, ROUND		WHITE, DRESSED		
	POUNDS		POUNDS		POUNDS		POUNDS		POUNDS		POUNDS		POUNDS		POUNDS		POUNDS		
GEAR AND SUBAREA																			
SINK GILL NETS, EASTERN MASSACHUSETTS	-	-	17,503	555	-	-	-	-	-	-	353,235	-	-	-	-	-	54,930	20	
SCALLOP DREDGES:																			
EASTERN MASSACHUSETTS:																			
WEST SIDE SOUTH CHANNEL	-	845	2,035	-	-	-	-	-	-	-	1,275	-	322	-	-	-	-	-	
WEST SIDE NORTH CHANNEL	-	3,019	250	-	-	-	-	-	-	-	1,560	-	423	-	-	-	-	-	
NORTH SIDE SOUTH CHANNEL	-	860	270	-	-	-	-	-	-	-	3,910	-	525	-	-	-	-	-	
NORTH SIDE AND NORTHEAST PEAK	-	34,812	2,400	-	-	-	-	-	-	-	363	-	55	-	-	-	-	-	
CENTRAL AND SOUTHEAST GEORGES	-	2,698	3,940	-	-	-	-	-	-	-	95	-	215	-	-	-	-	-	
SOUTHWEST GEORGES	-	2,070	59,698	-	-	-	-	-	-	-	230	-	130	-	-	-	-	-	
NANTUCKET SHOALS AND LIGHTSHIP	-	49,162	140	-	-	-	-	-	-	-	1,500	-	3,640	-	-	-	-	-	
OFF NO MAN'S LAND	-	490	15,540	-	-	-	-	-	-	-	3,080	-	-	-	-	-	-	-	
RHODE ISLAND SHORE	-	1,750	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TOTAL	6,105	209,902	24,435	11,160	3,350	-	-	-	-	-	3,805	-	4,795	-	-	-	-	-	
POUND NETS:																			
EASTERN MASSACHUSETTS:																			
WEST SIDE SOUTH CHANNEL	-	-	2,640	-	-	-	-	-	-	-	616	-	-	-	-	-	-	671	
SOUTHERN MASSACHUSETTS	-	-	3,736	-	-	-	-	-	-	-	13,263	-	-	-	-	-	-	-	
TOTAL	-	-	6,376	-	-	-	-	-	-	-	14,129	-	-	-	-	-	-	671	
GRAND TOTAL	2,699,194	50,844,325	12,554,024	3,904,273	3,770,407	51,788,105	63,574,331	5,340,025	1,272,195	454,898									
GEAR AND SUBAREA																			
LINE TRAWL:																			
ST. PIERRE BANK, OFF NEW ENGLAND (AREA XX11), UNCLASSIFIED	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
EASTERN MASSACHUSETTS, INNER GROUNDS	-	10,619	-	-	-	-	-	-	-	-	19,723	-	-	-	-	-	-	-	
WEST SIDE SOUTH CHANNEL, NANTUCKET SHOALS AND LIGHTSHIP	-	21,626	-	-	-	-	-	-	-	-	15,696	-	-	-	-	-	-	-	
OFF NO MAN'S LAND	-	-	-	-	-	-	-	-	-	-	391,599	-	-	-	-	-	-	-	
TOTAL	42,235	-	-	-	-	-	-	-	-	-	75,017	-	-	-	-	-	-	-	
HAND LINES:																			
EASTERN MASSACHUSETTS, WEST SIDE SOUTH CHANNEL	110	-	-	-	-	-	-	-	-	-	167,037	-	-	-	-	-	-	-	
TOTAL	1,646	-	-	-	-	-	-	-	-	-	219,150	-	-	-	-	-	-	-	
HARPOONS:																			
EAST SIDE SOUTH CHANNEL (OCCASIONAL), NANTUCKET SHOALS AND LIGHTSHIP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

(CONTINUED ON NEXT PAGE)

SEE FOOTNOTE AT END OF TABLE.

LANDINGS AT MASSACHUSETTS PORTS
SUMMARY OF FISHERY - BY GEAR AND SUBAREA, 1962 - Continued

GEAR AND SUBAREA	HALLIBUT, DRAWN	MACKEREL, ROUND	MENHADEN, ROUND	OCEAN PERCH, ROUND	POLLOCK, DRAWN	SCUP OR PORGY, ROUND	SWORD- FISH, DRESSED	TILEFISH, DRAWN
	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
OTTER TRAWLS:								
SOUTHEAST GRAND BANK	330	-	-	206,910	-	-	-	-
SOUTHWEST GRAND BANK	2,572	-	-	863,200	-	-	-	-
ST. PIERRE BANK	1,227	-	-	196,200	-	-	-	-
EAST GULL ST. LAWRENCE	-	-	-	116,800	-	-	-	-
NORTHEAST CAPE BRETON	-	-	-	2,654,232	200	-	-	-
MISAINE BANK	450	-	-	903,570	-	-	-	-
BANQUEREAU	345	-	-	3,910,144	12,601	-	-	-
CANSO	5,212	-	-	3,373,868	12,266	-	-	-
MIDDLE GROUND	767	-	-	2,322,291	1,990	-	-	-
SOUTHEAST SABLE ISLAND BANK	121	-	-	315,100	4,240	-	-	-
WESTERN SABLE ISLAND BANK	739	-	-	4,200	34,187	-	-	-
SOUTHWEST SABLE ISLAND BANK	4,568	-	-	5,435,113	7,078,200	-	-	-
EASTERN NOVA SCOTIA	95	-	-	1,078,200	24,130	-	-	-
EMERALD BANK	2,360	-	-	7,706,969	28,950	-	-	-
CENTRAL NOVA SCOTIA	4,331	-	-	1,668,900	441,643	-	-	-
EAST BROWNS AND LA HAVE	2,470	-	-	7,096,287	1,052,156	-	-	-
SOUTHERN NOVA SCOTIA	5,447	-	-	4,590	653,025	-	-	-
WESTERN BROWNS	9,561	-	-	111,965	106,544	-	-	-
WESTERN NOVA SCOTIA	-	-	-	101,630	593,526	-	-	865
SOUTHERN BAY OF FUNDY	-	-	-	-	-	-	-	-
NORTHERN BAY OF FUNDY	642	-	-	201,195	379,510	-	-	-
SOUTHERN BAY OF FUNDY	276	-	-	3,200	867,589	-	-	-
OFF NEW ENGLAND (AREA XXI), UNCLASSIFIED	-	-	-	1,923,043	134,865	-	-	100
EASTERN MAINE	677	-	-	2,669,872	6,755	-	-	-
CENTRAL MAINE	-	-	-	2,134,640	1,594,419	-	-	-
WESTERN MAINE	1,652	-	-	2,148,466	2,297,051	-	-	-
NORTHERN MASSACHUSETTS	4,578	752	-	11,663	18,663	-	-	370
INNER GROUNDS	4,578	-	-	1,500	9,198	-	-	50,290
WEST SIDE SOUTH CHANNEL	10,290	-	-	500	2,679	-	-	4,130
EAST SIDE SOUTH CHANNEL	11,760	57	-	-	1,041,200	-	-	75
NORTH EDGE AND NORTHEAST PEAK	15,153	-	-	-	18,400	-	-	-
CENTRAL AND SOUTHEAST GEORGES	7,323	-	-	-	18,400	-	-	-
SOUTHWEST GEORGES	9,985	-	-	-	2,679	-	-	-
ANTWERP HARBOR AND LIGHTSHIP	-	55	-	-	-	-	-	-
NO MAN'S LAND	-	140	-	-	-	-	-	-
SOUTHERN MASSACHUSETTS	-	-	-	-	-	-	-	-
RHODE ISLAND SHORE	-	-	-	-	-	-	-	-
OFF LONG ISLAND	-	-	-	-	-	-	-	-
TOTAL	94,244	1,004	-	54,529,370	11,526,262	1,270,769	37,570	56,310
FLOATING TRAPS, EASTERN MASSACHUSETTS	-	218,399	-	-	1,642	-	-	-
SINK GILL NETS, EASTERN MASSACHUSETTS	415	-	-	-	270,220	-	-	20
DRIFT GILL NETS: EASTERN MASSACHUSETTS	-	17,126	-	-	-	-	-	-
WEST SIDE SOUTH CHANNEL	-	16,704	-	-	-	-	-	-
TOTAL	-	33,600	-	-	-	-	-	-

(CONTINUED ON NEXT PAGE)

SEE FOOTNOTE AT END OF TABLE.

NEW ENGLAND FISHERIES

LANDINGS AT MASSACHUSETTS PORTS

SUMMARY OF FISHERY - BY GEAR AND SUBAREA, 1962 - Continued

	GEAR AND SUBAREA		HALIBUT, DRAWN POUNDS	MACKEREL, ROUND POUNDS	MENHADEN, ROUND POUNDS	OCEAN PERCH, ROUND POUNDS	POLLOCK, DRAWN POUNDS	SCUP OR FORY, ROUND POUNDS	SMOKE- DRESSED FISH, POUNDS	TILLET SH, DRAWN POUNDS
	PURSE SEINES	POUNDS								
PURSE SEINES	EASTERN MASSACHUSETTS	-	-	-	-	-	-	-	-	-
	WEST SIDE SOUTH CHANNEL	-	-	-	-	-	-	-	-	-
	OFF NO MANS LAND	-	38,300	15,659,281	-	-	-	-	-	-
	SOUTHERN MASSACHUSETTS	-	-	326,960	-	-	-	-	-	-
TOTAL	-	38,300	15,979,641	-	-	-	-	-	-	-
POUND NETS:	EASTERN MASSACHUSETTS	-	524,255	32,300	-	20,774	-	5,044	-	-
	WEST SIDE SOUTH CHANNEL	-	32,500	20,000	-	14	-	-	-	-
	SOUTHERN MASSACHUSETTS	-	71,905	-	-	-	-	-	-	-
	TOTAL	-	1,052,666	52,300	-	20,788	-	5,044	-	-
GRAND TOTAL	-	1,344,199	16,031,941	54,529,520	12,115,059	1,275,833	481,443	56,330	-	
GEAR AND SUBAREA										
LINE TRAWLS:	TUNA, ROUND POUNDS	WHITING		WOLFFISH, DRAWN POUNDS	SCALLOPS, SEA (MEATS) POUNDS	OTHER		TOTAL		
		DRESSED	ROUND			FOR FOOD	INDUSTRIAL			
ST. PIERRE BANK	592	-	-	-	-	-	-	23,877	-	-
OFF NEW ENGLAND (AREA XXII), UNCLASSIFIED	3,400	-	-	-	-	250	-	13,730	-	-
EASTERN MASSACHUSETTS	12,767	-	560	1,700	-	37,767	-	1,345,359	-	-
INNER GROUNDS	-	-	55	145	-	800	-	478,045	-	-
WEST SIDE SOUTH CHANNEL	-	-	-	3,661	-	1,127	-	2,155,259	-	-
NANTUCKET SHOALS AND LIGHTSHIP	-	-	-	-	-	-	-	1,111	-	-
OFF NO MANS LAND	37,175	-	-	-	-	-	-	64,205	-	-
TOTAL	53,894	-	615	5,506	-	39,944	-	4,081,656	-	-
HAND LINES:	TUNA, ROUND POUNDS	WHITING		WOLFFISH, DRAWN POUNDS	SCALLOPS, SEA (MEATS) POUNDS	OTHER		TOTAL		
EASTERN MASSACHUSETTS		23,694	-			-	10		129,728	-
WEST SIDE SOUTH CHANNEL	-	-	-	929	-	10,896	-	1,179,684	-	-
TOTAL	23,694	-	-	939	-	140,624	-	1,657,297	-	-
HARPOONS:	TUNA, ROUND POUNDS	WHITING		WOLFFISH, DRAWN POUNDS	SCALLOPS, SEA (MEATS) POUNDS	OTHER		TOTAL		
EASTERN MASSACHUSETTS		12,740	-			-	-		-	-
EAST SIDE SOUTH CHANNEL (OCCASIONAL)	-	-	-	-	-	-	-	99,204	-	-
NANTUCKET SHOALS AND LIGHTSHIP	-	-	-	-	-	-	-	287,878	-	-
OFF NO MANS LAND	-	-	-	-	-	-	-	-	-	-
TOTAL	12,740	-	-	-	-	-	-	400,077	-	-
OTTER TRAWLS:										
SOUTHEAST GRAND BANK	-	-	-	-	-	-	-	207,240	-	-
SOUTHWEST GRAND BANK	-	-	-	-	-	-	-	885,772	-	-
ST. PIERRE BANK	-	-	-	-	-	-	-	19,827	-	-
ST. LAWRENCE	-	-	-	-	-	-	-	130,800	-	-
SOUTH GULF ST. LAWRENCE	-	-	-	-	-	-	-	11,800	-	-
NORTHEAST CAPE BRETON	-	-	-	-	-	-	-	2,656,205	-	-
MISMAINE BANK	-	-	-	80	-	-	-	904,015	-	-
BANQUEREAU	-	-	-	-	-	-	-	3,953,127	-	-
CANSO	-	-	-	450	-	-	-	3,791,961	-	-
MIDDLE GROUNDS	-	-	-	425	-	-	-	1,000	-	-
TOTAL	-	-	-	21	-	-	-	1,000	-	-

(CONTINUED ON NEXT PAGE)

SEE FOOTNOTE AT END OF TABLE.

LANDINGS AT MASSACHUSETTS PORTS SUMMARY OF FISHERY - BY GEAR AND SUBAREA, 1962 - Continued

GEAR AND SUBAREA	TUNA, ROUND		WHITING		WOLFFISH, DRAWN	SCALLOPS, SEA SHELLS (WEATS)	OTHER		TOTAL		
	POUNDS	ROUND	DRESSED	POUNDS			POUNDS	POUNDS		INDUSTRIAL	
										POUNDS	POUNDS
OTTER TRAWLS - CONTINUED:											
SOUTHEAST SABLE ISLAND BANK	-	-	-	-	1,382	-	-	6,994	323,277		
HORSESHOE GROUNO	-	-	-	-	586	-	-	8,964,509	4,964,509		
SOUTHWEST SABLE ISLAND BANK	-	-	-	-	-	-	-	3,185	3,185		
EASTERN NOVA SCOTIA	-	-	-	-	-	-	-	4,244	5,515,242		
CENTRAL NOVA SCOTIA	-	-	-	-	645	-	-	7,872	1,116,671		
EAST BROWNS AND LA HAVE	-	2,000	-	12,450	5,873	-	-	36,188	7,780,370		
SOUTHERN NOVA SCOTIA	-	800	-	3,720	195	-	-	19,370	6,502,405		
WESTERN NOVA SCOTIA	-	190	-	60,000	375	-	-	1,577	8,965,915		
WESTERN BROWNS	-	-	-	1,000	375	-	-	5,636	7,953,146		
NORTHERN BAY OF FUNDY	-	-	-	-	5,636	-	-	59,075	9,633,611		
OFF NEW ENGLAND (AREA XXI I), UNCLASSIFIED	4,408	-	-	-	-	-	-	1,117	2,641,123		
EASTERN MAINE	-	550	-	4,368	6,480	-	-	1,117	101,756		
CENTRAL MAINE	-	60	-	4,368	8,472	-	-	305,175	3,235,844		
WESTERN MAINE	325	2,877,275	-	5,800,315	79,676	-	-	3,702,932	10,764,196		
EASTERN MASSACHUSETTS	-	271,592,469	-	271,592,469	79,676	1,649	-	1,899,939	53,636,933		
WESTERN MASSACHUSETTS	-	322,350	-	1,128	51,128	-	-	3,886,356	3,886,356		
WEST SIDE SOUTH CHANNEL	-	867,285	-	9,220,585	241,469	2,300	-	66,610	63,533,002		
EAST SIDE SOUTH CHANNEL	-	2,980	-	1,123	104,720	1,603	-	6,370	49,032,312		
NORTH EDGE AND NORTHEAST PEAK	-	-	-	790	27,475	-	-	9,730	39,459,672		
CENTRAL AND SOUTHEAST GEORGES	-	-	-	625	3,270	-	-	529,395	39,478,890		
SOUTHWEST GEORGES	-	625	-	327,950	7,900	-	-	519,685	4,618,201		
NANTUCKET SHOALS AND LIGHTSHIP	-	14,625	-	2,100,730	460,174	-	-	13,704,165	20,281,172		
OFF NOVA SCOTIA	-	-	-	-	329	-	-	1,375	2,122,188		
OFF MASSACHUSETTS	-	-	-	-	129	-	-	1,375	530,185		
RHODE ISLAND SHORE	-	-	-	-	-	-	-	4,200	1,621,115		
OFF LONG ISLAND	-	-	-	-	-	1,100	-	-	393,682,433		
TOTAL	4,733	4,085,940	66,556,261	489,548	17,817	17,817	6,380,474	19,579,090	393,682,433		
FLOATING TRAPS, EASTERN MASSACHUSETTS	100	-	10,300	-	-	-	143,073	21,990	397,720		
SINK GILL NETS, EASTERN MASSACHUSETTS	95	-	595	35	-	-	297,135	-	1,415,574		
DRIFT GILL NETS: EASTERN MASSACHUSETTS	-	-	330	-	-	-	1,584	-	19,040		
WEST SIDE SOUTH CHANNEL	-	-	-	-	-	-	56	-	16,760		
TOTAL	-	-	330	-	-	-	1,640	-	35,800		

(CONTINUED ON NEXT PAGE)

SEE FOOTNOTE AT END OF TABLE.

LANDINGS AT MASSACHUSETTS PORTS SUMMARY OF FISHERY - BY GEAR AND SUBAREA, 1962 - Continued

GEAR AND SUBAREA	TUNA, ROUND POUNDS	WHITTING		WOLFFISH, DRAWN POUNDS	SCALLOPS, SEALED (MEATS) POUNDS	OTHER		TOTAL POUNDS
		DRESSED POUNDS	ROUND POUNDS			FOR FOOD POUNDS	INDUSTRIAL POUNDS	
PURSE SEINES:								
EASTERN MASSACHUSETTS	1, 010, 375	-	-	-	-	-	6, 123, 230	23, 594, 686
WEST SIDE SOUTH CHANNEL	1, 662, 375	-	-	-	-	-	-	964, 570
EAST SIDE SOUTH CHANNEL	2, 855, 230	-	-	-	-	-	-	2, 623, 370
OFF NO MANS LAND	173, 900	-	-	-	-	-	-	500, 260
SOUTHERN MASSACHUSETTS								
TOTAL	5, 562, 115	-	-	-	-	-	6, 123, 230	27, 703, 266
SCALLOP DREDGES:								
EASTERN MASSACHUSETTS	-	-	-	480	71, 987	205	-	75, 592
WEST SIDE SOUTH CHANNEL	-	-	-	-	1, 917, 965	-	-	683, 630
EAST SIDE SOUTH CHANNEL	-	-	-	-	7, 222, 708	-	-	1, 966, 430
LEVEL BAY	-	-	-	-	4, 345, 991	-	-	7, 267, 235
CENTRAL AND SOUTHEAST GEORGES	-	-	-	-	3, 971, 765	-	-	4, 450, 154
SOUTHWEST GEORGES	-	-	-	-	1, 252, 348	-	-	4, 031, 217
NANTUCKET SHOALS AND LIGHTSHIP	-	-	-	-	12, 215	-	-	1, 296, 693
OFF NO MANS LAND	-	-	-	-	43, 250	-	-	3, 080
RHODE ISLAND SHORE	-	-	-	-	45, 118	-	-	45, 118
OFF LONG ISLAND	-	-	-	-	-	-	-	-
TOTAL	-	-	-	480	19, 511, 951	205	-	19, 796, 813
POUND NETS:								
EASTERN MASSACHUSETTS	170, 908	-	32, 119	-	-	287, 195	1, 107, 969	2, 195, 578
WEST SIDE SOUTH CHANNEL	480	-	-	-	-	1, 025, 019	-	1, 586, 376
SOUTHERN MASSACHUSETTS						34, 458	-	42, 613
TOTAL	171, 388	-	32, 119	-	-	1, 346, 672	1, 107, 969	3, 826, 567
GRAND TOTAL	5, 823, 699	4, 085, 940	66, 800, 180	496, 508	19, 523, 768	8, 349, 767	26, 832, 299	452, 997, 223

1/ EXCLUSIVE OF DUPLICATION.

NOTE: ALL SPECIES ARE LISTED AS LANDED WEIGHT. LANDED WEIGHT OF FINFISH MAY BE CONVERTED TO POUND WEIGHT BY MULTIPLYING BY THE FOLLOWING FACTORS: COD, DRAWN 1.17; HAKE, DRAWN 1.14; Haddock, DRAWN 1.14; WHITE HAKE, DRESSED 1.34; HALIBUT, DRAWN 1.15; POLLOCK, DRAWN 1.13; WHITING, DRESSED 1.66; and WOLFFISH, DRAWN 1.20. IN 1961, THE LANDINGS ACCOUNTED FOR 96 PERCENT OF THE MASSACHUSETTS PRODUCTION. ADDITIONAL 1961 LANDINGS TOTALING APPROXIMATELY 12 MILLION POUNDS CONSISTED LARGELY OF LOBSTERS, CLAMS, IRISH MOSS, BAY SCALLOPS, AND TO A LESSER EXTENT, OTHER FISH AND SHELLFISH. TOTAL LANDINGS IN MASSACHUSETTS IN 1961 BASED ON WEIGHT OF LOBSTERS AND ROUND WEIGHT FOR ALL OTHER SPECIES, TOTALLED 470,774,000 POUNDS WITH A VALUE OF \$36,900,000 TO THE FISHERMEN. A SINGLE TRIP IS REPORTED FOR EACH VOYAGE. DAYS ABSENT IS THE MEASURE OF TIME, TO THE NEAREST COMPLETE DAY. THAT A VESSEL IS AWAY FROM PORT DURING A FISHING TRIP. WHEN A CRAFT OPERATED IN TWO OR MORE SUBAREAS DURING A VOYAGE, A FRACTIONAL PART (IN TENTHS) OF THE TRIP IS ALLOTTED TO THE SUBAREA ON THE BASIS OF THE CATCH TAKEN IN EACH SUBAREA. OCCASIONAL TIE-BREAKS BETWEEN SUBAREAS (CALCULATED BY THE NEAREST TENTH OF A DAY) TO OBTAIN FISHING TIME IN HOURS, MULTIPLY NUMBER OF DAYS FISHED BY 24.

LANDINGS AT MASSACHUSETTS PORTS SUMMARY OF FISHERY - BY AREA AND SUBAREA, 1962

AREA AND SUBAREA	CRAFT FISHING		TRIPS		DAYS ABSENT		DAYS FISHED		COD, DRAWN			CLUSK, DRAWN		FLOUNDERS, ROUND			
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	LARGE	MARKET	SCROD	POUNDS	POUNDS	POUNDS	GRAY SOLE	LEMON SOLE	YELLOW-TAIL
									POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	
GULF OF ST. LAWRENCE (AREA XI1):	2	1-1	12	3-5													
EAST GULF ST. LAWRENCE		0-1	1	0-6													235
SOUTH GULF ST. LAWRENCE																	
TOTAL	1/ 2	1-2	13	4-1													
OFF GRAND BANKS (AREA XX):	1	1-0	19	5-0													
SOUTHEAST GRAND BANK	3	5-0	83	22-2													
SOUTHWEST GRAND BANK	4	2-0	38	12-1													
ST. PIERRE BANK																	
TOTAL	1/ 5	8-0	140	39-3													
OFF NOVA SCOTIA (AREA XXI):	12	15-4	197	54-0					50	200					150		
NORTHEAST CAPE BRETON	7	5-8	68	20-3													
MISALINE BANK	18	24-6	310	97-9					3,928	4,721				6,332			
BANQUEREAU	20	23-5	300	92-8					9,830	23,164				327,302			
CANSO	12	13-1	169	48-7					1,732	337				6,715			
MIDDLE GROUND	4	1-9	24	7-4					500	838				1,303			
SOUTHEAST SABLE ISLAND BANK	20	33-9	412	113-2					6,252	15,077				758			
HORSHEOE GROUND ISLAND BANK	39	39-1	517	177-3					2,885	8,839				2,121			
EASTERN NOVA SCOTIA	24	31-1	469	117-3										3,433			
EMERALD BANK	16	8-3	104	28-5						7				2,240			
CENTRAL NOVA SCOTIA	30	48-4	629	162-5					2,118	8,237				3,962			
EAST BROWNS AND LA HAVE	55	55-3	477	236-2					139,392	223,370				4,425			
SOUTHERN NOVA SCOTIA	52	68-3	786	262-8					98,913	116,960				32,609			3,950
WESTERN BROWNS	47	78-9	617	401-5					277,463	480,017				600			36,865
SOUTHERN BAY OF FUNDY	11	8-1	127	78-1					4,845	13,645				5,989			
SOUTHERN BAY OF FUNDY	21	16-2	127	78-1					3,270	67,089				7,723			85
NORTHERN BAY OF FUNDY	23	39-2	301	184-2					111,345	187,510				18,215			2,200
TOTAL	1/ 90	500-7	5,050	1,932-1					690,953	1,143,216				409,624			45,395
NEW ENGLAND (AREA XXII1):	26	53-5	403	229-2					134,223	306,022				19,187			520
EASTERN MAINE	5	1-8	5	1-3					100	960				1,600			
CENTRAL MAINE	57	43-0	698	207-7					13,100	140,960				76,000			320
WESTERN MASSACHUSETTS	346	010-2	13,427	6,493-6					1,143,790	1,257,795				34,066			2,245,156
INNER GROUNDS	151	145-3	9,527	198-8					74,012	251,675				20,270			21,725
EAST SIDE SOUTH CHANNEL	323	4,681-4	9,881	5,559-1					2,634,089	762,129				346,231			183,664
WEST SIDE SOUTH CHANNEL	228	1,100-4	6,506	4,355-0					1,251,401	3,912,047				250,495			1,087,786
NORTH EDGE AND NORTHEAST PEAK	140	866-5	7,537	5,296-9					2,153,324	4,683,589				296,231			604,186
CENTRAL AND SOUTHEAST GEORGES	164	977-0	7,645	5,145-8					2,454,602	2,083,474				21,989			272,913
SOUTHWEST GEORGES	135	436-6	3,524	2,989-2					97,679	428,630				56,759			14,893,321
OFF NOVA SCOTIA	198	1,598-5	6,062	4,252-7					11,893	322,588				16,405			1,356,106
OFF NOVA SCOTIA	18	10-0	127	78-1					2,277-7	52,465				30,105			91,089
OFF NOVA SCOTIA	73	340-1	4,701	361-3					1,222,961	3,465				27,910			12,077,815
RHODE ISLAND SHORE	27	37-1	152	67-5					32,851	5,595				2,000			6,100
UNCLASSIFIED	2	5-0	21	8-7					5,595	5,250							577,990
TOTAL	1/ 680	24,976-3	61,301	37,223-3					11,328,368	15,930,768				4,588,030			2,680,251
MIDDLE ATLANTIC (AREA XXII11):	56	102-8	760	512-8					2,650	4,300				5,425			342,200
OFF LONG ISLAND	1/ 694	25,989-0	67,264	39,711-6					12,021,991	17,078,274				1,978,121			2,689,194
GRAND TOTAL																	50,844,325

(CONTINUED ON NEXT PAGE)

SEE FOOTNOTE AT END OF TABLE.

NEW ENGLAND FISHERIES

LANDINGS AT MASSACHUSETTS PORTS
SUMMARY OF FISHERY - BY AREA AND SUBAREA, 1962 - Continued

AREA AND SUBAREA	FLOUNDERS, ROUND - CONTINUED			HADDOCK, DRAMN		HAKE			HALLIBUT, DRAWN POUNDS	MACKEREL, ROUND POUNDS	MENHADEN, ROUND POUNDS
	BLACK- BACK POUNDS	DAB POUNDS	FLUKE POUNDS	LARGE POUNDS	SCROD POUNDS	RED, ROUND POUNDS	WHITE, DRESSED				
							LARGE POUNDS	SMALL POUNDS			
OFF GRAND BANKS (AREA XXI):											
SOUTHEAST GRAND BANK	-	-	-	-	-	-	-	-	330	-	
SOUTHWEST GRAND BANK	-	-	-	-	-	-	-	-	2,272	-	
ST. PIERRE BANK	-	-	-	-	-	-	-	-	1,227	-	
TOTAL	-	-	-	-	-	-	-	-	4,129	-	
OFF NOVA SCOTIA (AREA XXI):											
CAPE BRETON	-	20	-	200	140	-	-	-	184	-	
WELSH BANK	-	743	-	15	10	-	-	-	50	-	
BANQUEREAU	-	35,231	-	1,440	877	-	-	-	1,409	-	
CANSO	-	120	-	375	3,486	-	308	-	767	-	
MIDDLE GROUND ISLAND BANK	-	1,113	-	15,197	21,465	-	1,625	-	1,21	-	
HORSESHOE GROUND	-	-	-	-	100	-	-	-	4,445	-	
SOUTHERN SABLE ISLAND BANK	-	-	-	-	9,357	-	-	-	96	-	
EMERALD BANK	-	997	-	6,011	12,075	-	90	-	4,729	-	
CENTRAL NOVA SCOTIA	-	489	-	3,165	3,958	-	728	-	2,360	-	
EAST BROWNS AND LA HAVE	-	18,017	-	1,302,441	2,441,188	-	-	-	4,331	-	
SOUTHERN NOVA SCOTIA	-	22,636	-	172,203	264,630	-	-	-	2,470	-	
WESTERN BROWNS	-	5,067	-	2,472,792	3,911,266	-	3,809	-	6,728	-	
WESTERN NOVA SCOTIA	-	2,100	-	22,901	27,035	-	2,026	-	3,547	-	
NORTHERN BAY OF FUNDY	-	3,790	-	22,901	341,711	-	42,401	-	9,581	-	
TOTAL	12,746	148,279	-	4,738,508	7,566,245	-	176,235	-	2,506	276	
NEW ENGLAND (AREA XXII):											
CENTRAL MAINE	6,420	12,379	-	643,632	1,059,743	-	160,115	-	4,322	-	
WESTERN MAINE	5,100	4,100	-	429,632	1,080	101,500	-	-	677	-	
INNER MASSACHUSETTS	2,657,584	978,316	32,931	2,752,339	1,742,246	2,221,125	105,793	64,276	15,212	15,685,581	
INNER GROUNDS	3,067,031	15,945	40,794	304,118	1,344,244	3,000,500	380,061	227,241	10,661	10,493	
WEST SIDE SOUTH CHANNEL	603,067	1,706,879	500	9,902,633	11,793,650	210,595	181,173	62,324	52,324	33,482	
NORTH EDGE AND NORTHEAST PEAK	257,124	290,296	5,395	6,194,849	10,862,604	1,950	283,678	29,993	11,780	20,000	
CENTRAL AND SOUTHEAST GEORGES	984,739	226,945	13,515	8,145,637	10,277,417	-	15,794	5	15,153	-	
SOUTHWEST GEORGES	71,207	28,632	1,547,515	1,449,540	1,060,830	-	1,975	7	7,965	-	
NEWFOUNDLAND AND LIGHTSHIP	3,465,653	9,410	637,265	114,675	13,315	-	340	-	1,600	55	
RODNEY ISLAND	704,175	-	216,242	1,913	1,575	-	-	-	6,000	38,440	
SOUTHERN MASSACHUSETTS	1,975	-	1,810	-	-	-	-	-	20	7,905	
UNCLASSIFIED	-	-	-	-	-	-	-	-	-	-	
TOTAL	12,540,663	3,755,994	2,528,947	47,049,322	86,008,086	5,340,025	1,019,224	427,316	96,768	16,031,941	
MIDDLE ATLANTIC (AREA XXIII):											
OFF LONG ISLAND	615	-	1,241,460	275	-	-	-	-	-	-	
GRAND TOTAL	12,554,024	3,904,273	3,770,407	51,788,105	63,574,331	5,340,025	1,272,195	454,696	138,540	16,031,941	

(CONTINUED ON NEXT PAGE)

SEE FOOTNOTE AT END OF TABLE.

LANDINGS AT MASSACHUSETTS PORTS SUMMARY OF FISHERY - BY AREA AND SUBAREA, 1962 - Continued

AREA AND SUBAREA	OCEAN PERCH, POUNDS		POLLOCK, DRUM, POUNDS		SCUP OR PORGY, ROUND, POUNDS		SNORO-FISH, DRUM, POUNDS		TURK, ROUND, POUNDS		WHITTING, DRESSED, POUNDS		WHITTING, ROUND, POUNDS		WOLF FISH, DRUM, POUNDS		SCALLOPS, SEA (MEATS), POUNDS		OTHER, AS LANDED, POUNDS		TOTAL, POUNDS	
	POUNDS	ROUND	POUNDS	ROUND	POUNDS	ROUND	POUNDS	ROUND	POUNDS	ROUND	POUNDS	ROUND	POUNDS	ROUND	POUNDS	ROUND	POUNDS	ROUND	POUNDS	ROUND	POUNDS	ROUND
GULF OF ST. LAWRENCE (AREA XIX):																						
EAST GULF ST. LAWRENCE	136,800																					136,800
SOUTH GULF ST. LAWRENCE	11,800																					11,800
TOTAL	148,600																					148,600
OFF GRAND BANKS (AREA XX):																						
SOUTHEAST GRAND BANK	206,910																					207,240
SOUTHWEST GRAND BANK	883,200																					885,772
ST. PIERRE BANK	196,200						23,325			552												223,304
TOTAL	1,286,310						23,325			552												1,316,316
OFF NOVA SCOTIA (AREA XXI):																						
NORTHEAST CAPE BRETON	2,654,252		200												80							2,666,205
MISAJNE BANK	903,570																					904,015
BANQUEREAU	3,910,144		12,601												450							3,953,127
CANSO	3,373,888		12,266												425							3,391,361
ST. JOHN'S	2,024,100		4,240																			2,032,374
SOUTHEAST ISLAND BANK	4,310,400		4,240																			4,318,880
HORSHESHOE GROUND	4,801,802		64,276												1,382							4,948,509
SOUTHWEST ISLAND BANK	31,600		4,200																			35,896
EASTERN NOVA SCOTIA	5,435,113		34,187												566							5,515,242
EMERALD BANK	1,078,200		24,130																			1,116,571
CENTRAL NOVA SCOTIA	7,089,969		28,950												645							7,160,570
EAST BROWNS AND LA HAVRE	1,856,500		441,943												12,572							1,930,915
WEST BROWNS	1,052,413		1,052,413												5,572							1,063,495
WESTERN NOVA SCOTIA	4,900		653,813												126,562							7,983,145
SOUTHWEST BAY OF FUNDY	455,590		14,165												60,000							674,838
SOUTHERN BAY OF FUNDY	111,985		106,544												1,500							1,376,500
NORTHERN BAY OF FUNDY	101,839		593,526												1,500							983,811
TOTAL	42,164,511		3,078,887												190							45,732,611
NEW ENGLAND (AREA XXII):																						
EASTERN MAINE	201,155		379,510												550							3,285,844
WESTERN MAINE	1,903,043		887,580												60							116,395
WESTERN MASSACHUSETTS	4,353,327		1,433,327												5,800							305,175
INNER GROUNDS	2,869,922		1,777,509												2,877,275							13,712,107
WEST SIDE SOUTH CHANNEL	1,686,125		1,686,125												2,036,944							73,636
EAST SIDE SOUTH CHANNEL	2,134,640		1,883,849												895,050							35,514
NORTH EDGE AND NORTHEAST PEAK	11,663		2,297,051												322,350							5,275,288
NORTHEAST GEORGES	2,000		2,000												867,285							20,080,711
SOUTHWEST GEORGES	1,500		19,983												2,980							51,020,911
NANTUCKET SHOALS AND LIGHTSHIP	1,500		9,195												2,980							6,570
OFF NO MANS LAND			9,370												625							529,995
SOUTHERN MASSACHUSETTS			60,090												14,625							27,687,340
RHODE ISLAND SHORE			1,041,069												2,100,730							35,850,214
UNCLASSIFIED			2,679												14,625							14,186,679
TOTAL	10,928,099		9,036,172												125							2,665,071
MIDDLE ATLANTIC (AREA XXIII),																						
OFF LONG ISLAND	54,529,520		12,115,059												46,218							544,650
GRAND TOTAL	54,529,520		12,115,059												46,218							544,650

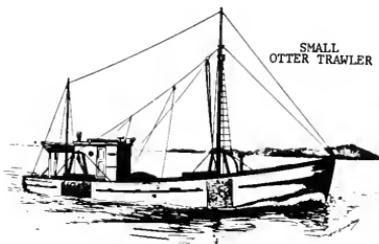
1/ EXCLUSIVE OF DUPLICATION.

SEE NOTE ON PAGE 130.

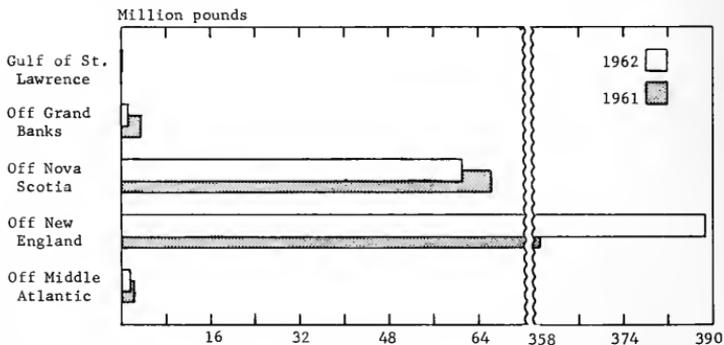
NEW ENGLAND FISHERIES

NUMBER OF CRAFT LANDING AT MASSACHUSETTS PORTS
BY SPECIFIC GEAR, 1961-62

GEAR	1961 ^{1/}	1962
	NUMBER	NUMBER
LINE TRAWLS	61	73
HAND LINES	127	104
HARPOONS	34	25
OTTER TRAWLS	410	428
FLOATING TRAPS	9	10
SINK GILL NETS	13	8
DRIFT GILL NETS	19	16
PURSE SEINES	12	11
SCALLOP DREDGES	61	74
POUND NETS	19	14
TOTAL ^{2/}	712	694

^{1/} REVISED.^{2/} EXCLUSIVE OF DUPLICATION.

MASSACHUSETTS LANDINGS - CATCH BY AREAS, 1961-62



The 1962 commercial landings of fish and shellfish in the coastal areas of the Middle Atlantic States (New York, New Jersey, and Delaware) were 944 million pounds valued at \$25 million to the fishermen. Compared with the previous year, this was an increase of 119 million pounds (14 percent) and \$1 million (5 percent). Increased landings of industrial fish caused the gain in volume, while industrial fish, oysters, clams, and crabs accounted for the higher value.

New Jersey retained its position as leading producer of the Middle Atlantic area with 47 percent of both volume and value. Delaware was second with 29 percent of the landings but last in value with only 13 percent of the total. New York was last in landings (24 percent) but second in value (40 percent).

Fishermen and vessels. Responsible for the Middle Atlantic catch were 8,254 fishermen, who utilized 606 vessels and 4,046 other craft. Compared with 1961, there was an increase of 96 regular fishermen, 4 vessels, and 70 motor boats, but a decrease of 401 casual fishermen and 147 other boats.

Perhaps the most significant development in this area during 1962 was the start of a large-scale otter trawl fishery for industrial species on Long Island. This fishery is prosecuted on essentially the same grounds as the Point Judith, R. I., and New Bedford, Mass., industrial otter trawl fisheries.

Processing. Manufactured fishery products were valued at \$95.7 million, a record value year with an increase of \$3.9 million over 1961. New York accounted for 40 percent of the value; New Jersey, 37 percent; and Delaware and Pennsylvania, the remaining 23 percent.

Weather. Fishing activity along the Middle Atlantic coastline in 1962 was hampered by unusually severe seasonal storms. An early March storm was more intense than was expected. Many vessels which should have been in port had to face the storm at sea, and 3 vessels and 15 men were lost.

Menhaden. Menhaden production increased 67.4 million pounds in 1962. Compared with the previous year, this was a gain of 54 million pounds in New York and 47 million in New Jersey, but landings in Delaware declined 34 million pounds. The menhaden catch of 782.5 million pounds accounted for 83 percent of the total Middle Atlantic landings of all species.

Oysters. The oyster industry had reason for encouragement for the second successive year, as production increased substantially. The gain of 441,000 pounds of oyster meats (23 percent) was principally from New Jersey waters. The reason was the first simultaneous opening of both tong and dredge seed beds since 1958, which allowed fishermen to increase their take of seed oysters by 30,000 bushels. This seed, planted by New Jersey fishermen in the spring and substantially harvested in the fall, produced more than 1.5 million pounds of oyster meats, 41 percent more than in 1961. Adverse weather conditions and increased loss to predators were responsible for the 8-percent decline in the New York oyster catch.

Surf clams. The surf clam fishery continued to increase production and surpassed the 1961 record catch by 3.4 million pounds of meats (12 percent). The total landings were nearly 30.8 million pounds, of which 97 percent were landed in New Jersey. The increase can be attributed to three new vessels and more men per crew.



MIDDLE ATLANTIC FISHERIES

Hard clams. High winds and flood tides during March caused temporary pollution and the subsequent closing of all bays along the New Jersey coast to clam harvesting for a 3-week period. This, combined with the freezing of the bays in January and February, was responsible for a 21-percent drop in New Jersey hard clam production. New York fishermen fared somewhat better. Despite adverse weather, the hard clam production increased by more than 500,000 pounds of meats (13 percent).

Crabs. Hard blue crab production in Delaware Bay increased by over 1 million pounds. Ready markets were found for the additional supply despite the fact that Chesapeake Bay, the center of East Coast crab production, also had a good year.

Scallops. The production of bay scallops increased 57 percent. New York landings amounted to 988,000 pounds of edible meats--a record for this species.

Bluefish. Bluefish production was nearly double that of 1961 and the highest since 1937. Landings could have been higher if fishermen had been prepared; however, they had insufficient gear on hand early in the season and did not make up additional gear as it was thought the fish would not stay in the area. Contrary to expectation, the fish remained, but the full commercial potential of the species was not realized.

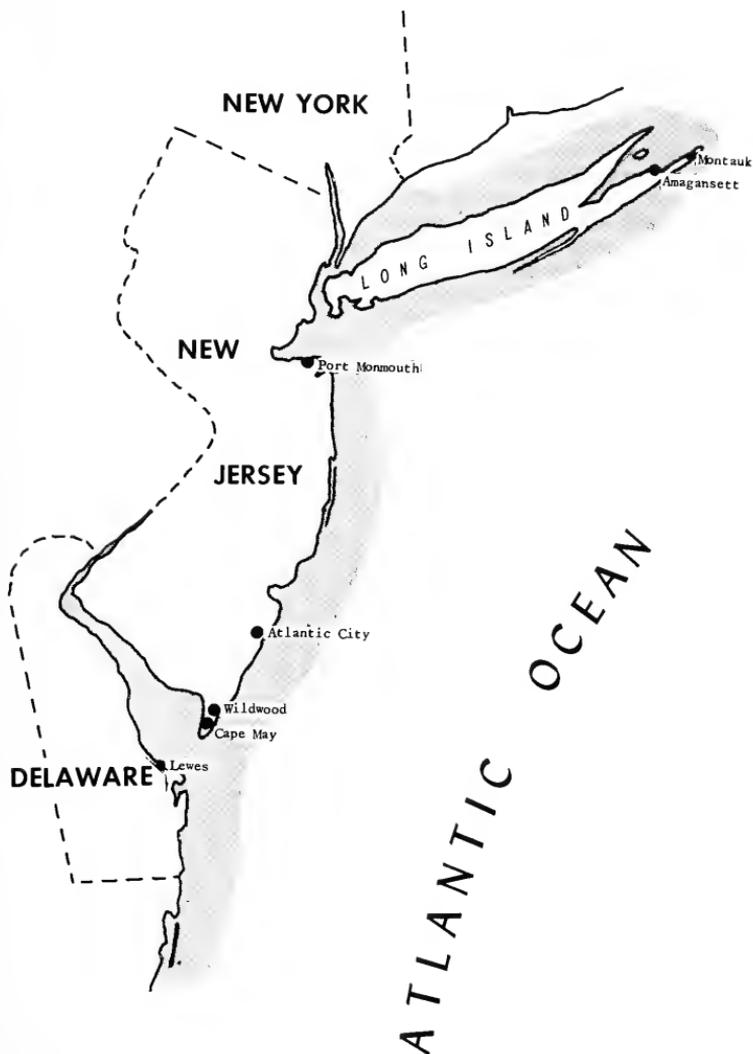
Sea bass. Landings of sea bass exceeded those of 1961 by 1.3 million pounds and, for the first time since 1959, surpassed the 3-million-pound mark. There was not a commensurate increase in value because the fish were relatively small. If conditions remain reasonably favorable, the 1963 catch should show further improvement.

Striped bass. Striped bass continued plentiful for the second straight year. The catch of 1.3 million pounds was a record for this area. Normally, these fish are caught by inshore gear, but the New Jersey otter trawl fleet found them abundant 3 or more miles offshore and landed 254,000 pounds (51 percent) of the State's striped bass catch.

Further information. Condensed summary data on the operating units and catch by States in the Middle Atlantic area appearing on the following pages have been previously published in Current Fishery Statistics bulletin No. 3291. Seasonal variation in the catch of fish and shellfish in the New York Marine District, and in New Jersey, can be ascertained from monthly and annual landing bulletins issued for these States in cooperation with the fishing agency of each State. Additional data on many aspects of the Middle Atlantic fisheries may be found in daily, monthly, and annual reports published by the Bureau's Fishery Market News Service, 155 John Street, New York 38, N.Y.

Acknowledgments. The Bureau acknowledges the assistance of the following organizations in the collection of the data appearing in this section: The New York Conservation Department; the Division of Fish and Game and the Division of Shell Fisheries of the New Jersey Department of Conservation and Economic Development; and the University of Delaware Marine Research Laboratory and the Delaware Commission of Shell Fisheries.





MIDDLE ATLANTIC STATES

MIDDLE ATLANTIC FISHERIES

SECTIONAL SUMMARIES
SUMMARY OF CATCH, 1962

(MILLIONS OF POUNDS AND MILLIONS OF DOLLARS)

STATE	FISH		SHELLFISH, ETC.		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
NEW YORK	214	4	12	6	226	10
NEW JERSEY	410	7	37	5	447	12
DELAWARE	269	3	2	(1)	271	3
TOTAL	893	14	51	11	944	25

1/ LESS THAN \$500,000.

SUMMARY OF OPERATING UNITS, 1962

ITEM	NEW YORK	NEW JERSEY	DELAWARE	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS	979	1,979	440	3,053
ON BOATS AND SHORE:				
REGULAR	1,055	771	79	1,905
CASUAL	1,901	1,172	223	3,296
TOTAL	3,935	3,922	742	8,254
VESSELS, MOTOR	231	375	48	656
GROSS TONNAGE	11,416	19,337	4,624	31,622
BOATS:				
MOTOR	1,942	1,544	274	3,746
OTHER	62	210	28	300
GEAR:				
HAUL SEINES, COMMON	42	30	3	75
LENGTH, YARDS	12,842	3,670	740	17,252
STOP SEINES	-	4	-	4
LENGTH, YARDS	-	1,600	-	1,600
PURSE SEINES:				
MENHADEN	10	33	21	57
LENGTH, YARDS	4,360	12,900	7,350	22,020
OTHER	-	22	-	22
LENGTH, YARDS	-	8,775	-	8,775
SEAM TRAWLS	-	7	-	7
YARDS AT MOUTH	-	21	-	21
OTTER TRAWLS:				
FISH	161	163	4	310
YARDS AT MOUTH	3,561	4,071	86	7,242
LOBSTER	3	33	-	35
YARDS AT MOUTH	90	921	-	984
WEIRS	-	6	-	6
POUND NETS, FISH	106	45	-	143
FYKE NETS:				
FISH	102	43	96	241
TURTLE	-	-	67	67
POTS AND TRAPS:				
CONCH	50	-	-	50
CRAB	-	4,082	4,025	8,107
EEL	715	317	90	1,122
FISH	400	15,230	-	15,630
LOBSTER	6,565	3,300	-	9,865
TURTLE	-	120	-	120
GILL NETS:				
ANCHOR, SET OR STAKE	111	53	36	200
SQUARE YARDS	109,901	105,944	61,300	277,145
DRIFT:				
SHAD	43	4	20	67
SQUARE YARDS	115,065	11,732	13,733	140,530
OTHER	3	34	1	38
SQUARE YARDS	8,100	252,931	3,600	264,631
RUNAROUND	13	26	-	39
SQUARE YARDS	20,100	213,473	-	233,573
LINES:				
HAND	795	71	-	866
HOOKS	970	142	-	1,112
TROLL	-	63	-	63
HOOKS	-	63	-	63
LONG OR SET WITH HOOKS	59	94	6	159
HOOKS	42,500	234,850	4,020	261,370
TROT WITH BAITS	-	12	-	12
BAITS	-	9,150	-	9,150
PUSH NETS	-	9	-	9

(CONTINUED ON NEXT PAGE)

SUMMARY OF OPERATING UNITS, 1962 - Continued

ITEM	NEW YORK		NEW JERSEY		DELAWARE		TOTAL, EXCLUSIVE OF DUPLICATION	
	NUMBER		NUMBER		NUMBER		NUMBER	
GEAR - CONTINUED:								
HARPOONS		5		6		-		10
SPEARS		14		5		-		19
DREDGES:								
CLAM		31		46		22		93
YARDS AT MOUTH		22		65		26		107
CRAB		-		57		11		68
YARDS AT MOUTH		-		67		22		89
DYSTER, COMMON		27		82		8		117
YARDS AT MOUTH		39		82		12		133
SCALLOP		1,842		208		-		2,032
YARDS AT MOUTH		1,922		249		-		2,108
TONGS:								
DYSTER		15		184		-		199
OTHER		1,325		1,060		93		2,478
RAKES		765		724		110		1,599
HDS.		-		19		-		19

CATCH BY STATES, 1962

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	NEW YORK		NEW JERSEY		DELAWARE		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
FISH								
ALEWIVES	38	1	20	1	-	-	58	2
AMBERJACK	-	-	1	(1)	-	-	1	(1)
ANGLERFISH	18	1	5	(1)	-	-	23	1
BLUEFISH	758	102	1,092	119	8	1	1,858	222
BONITO	66	9	23	3	-	-	89	12
BULLHEADS	(1)	(1)	-	-	-	-	(1)	(1)
BUTTERFISH	1,611	151	2,113	162	2	(1)	3,726	313
CARP	11	1	95	6	6	1	112	8
CATFISH	15	1	26	2	3	(1)	44	3
COD	1,028	113	1,484	175	38	4	2,550	292
CROAKER	-	-	4	1	-	-	4	1
CUNNER	-	-	(1)	(1)	-	-	(1)	(1)
DRUM, BLACK	-	-	26	1	-	-	26	1
EELS:								
COMMON	129	18	22	4	10	1	161	23
CONGER	6	(1)	4	(1)	-	-	10	(1)
FLOUNDERS:								
BLACKBACK	1,626	95	126	7	16	1	1,768	103
FLUKE	1,590	363	4,749	973	24	4	6,363	1,340
GRAY SOLE	19	2	33	2	-	-	52	4
YELLOWTAIL	3,893	306	36	1	-	-	3,929	307
UNCLASSIFIED	-	-	1	(1)	-	-	1	(1)
TOTAL FLOUNDERS	7,128	766	4,945	983	40	5	12,113	1,754
GRUNTS	-	-	(1)	(1)	-	-	(1)	(1)
HADDOCK	81	10	-	-	-	-	81	10
HAKE:								
RED	456	12	769	19	-	-	1,225	31
WHITE	3	(1)	109	6	-	-	112	6
HERRING, SEA	63	1	206	4	-	-	269	5
KING WHITING OR "KINGFISH"	2	(1)	48	4	4	1	54	5
MACKEREL	84	18	21	5	-	-	105	23
MENHADEN	136,256	1,263	375,527	3,902	268,704	2,783	782,487	7,946
MULLET	-	-	11	2	3	1	14	3
OCEAN PERCH	-	(1)	(1)	(1)	-	-	(1)	(1)
POLLOCK	1	(1)	1	(1)	-	-	2	(1)
SCUP OR PORGY	10,695	743	14,879	994	1	(1)	25,575	1,737
SEA BASS	524	102	2,621	342	-	-	3,145	444
SEA ROBIN	-	-	1	(1)	-	-	1	(1)
SEA TROUT OR WEAKFISH, GRAY	48	9	650	59	143	16	841	84
SHAD	243	33	480	73	118	15	841	121
SHARKS:								
GRAYFISH	56	3	4	(1)	-	-	60	3
UNCLASSIFIED	2	(1)	4	(1)	-	-	6	(1)
TOTAL SHARKS	58	3	8	(1)	-	-	66	3
SILVERSIDES	161	15	-	-	-	-	161	15

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

MIDDLE ATLANTIC FISHERIES

CATCH BY STATES, 1962 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	NEW YORK		NEW JERSEY		DELAWARE		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
FISH - CONTINUED								
SKATES	13	(1)	(1)	(1)	-	-	13	(1)
SPOT	-	-	(1)	(1)	-	-	(1)	(1)
STRIPED BASS	657	96	494	91	108	11	1,259	198
STURGEON	10	2	19	4	2	1	31	7
SUCKERS	1	(1)	-	-	-	-	1	(1)
SUNFISH	(1)	(1)	-	-	-	-	(1)	(1)
SWELLFISH	538	21	145	6	-	-	684	27
SWORDFISH	41	22	26	16	-	-	67	38
TARPON	-	-	(1)	(1)	-	-	(1)	(1)
TAUGOS	9	(1)	52	1	-	-	61	1
TILEFISH	125	15	92	7	-	-	217	22
TDMCOD	1	(1)	-	-	-	-	1	(1)
TUNA:								
BLUEFIN	18	3	5	1	-	-	23	4
LITTLE	6	(1)	9	(1)	-	-	15	(1)
TOTAL TUNA	24	3	14	1	-	-	38	4
WHITE PERCH	13	2	96	14	24	1	133	17
WHITING	2,723	122	3,912	157	-	-	6,635	279
UNCLASSIFIED:								
FOR FOOD	298	27	22	1	-	-	320	28
BAIT, REDUCTION, AND ANIMAL FOOD	47,789	335	19	(1)	-	-	47,808	335
TOTAL FISH	213,725	4,017	410,083	7,165	269,214	2,841	893,022	14,023
SHELLFISH, ETC.								
CRABS:								
BLUE:								
HARD	-	-	1,505	140	1,884	119	3,389	259
SOFT AND PEELER	-	-	156	31	26	9	182	40
ROCK	-	-	22	1	-	-	22	1
TOTAL CRABS	-	-	1,683	172	1,910	128	3,593	300
HORSESHOE CRABS								
LOBSTERS, NORTHERN	-	-	340	2	-	-	340	2
SHRIMP	315	163	871	369	-	-	1,186	532
	-	-	7	7	-	-	7	7
CLAMS:								
HARD:								
PUBLIC	2,936	1,817	1,340	536	152	61	4,428	2,414
PRIVATE	1,900	1,109	-	-	226	85	2,126	1,194
RAZDR	15	4	-	-	-	-	15	4
SOFT, PUBLIC	93	27	17	7	-	-	110	34
SURF	840	76	29,830	1,917	99	9	30,769	2,002
TOTAL CLAMS	5,784	3,033	31,187	2,460	477	155	37,448	5,648
CONCHS.								
MUSSELS, SEA	18	3	166	23	-	-	184	26
	27	3	-	-	-	-	27	3
OYSTERS, MARKET:								
PUBLIC:								
SPRING	-	-	16	20	-	-	16	20
FALL	4	6	161	158	-	-	165	164
PRIVATE:								
SPRING	385	570	24	26	11	7	420	603
FALL	339	503	1,353	1,219	69	53	1,761	1,775
TOTAL OYSTERS	728	1,079	1,554	1,423	80	60	2,362	2,562
SCALLOPS:								
BAY	988	722	365	129	-	-	1,353	851
SEA	2,718	1,097	97	37	-	-	2,815	1,134
SQUID	1,456	84	544	32	-	-	2,000	116
TERRAPIN	-	-	3	1	-	-	3	1
TURTLES:								
LOGGERHEAD	-	-	(1)	(1)	-	-	(1)	(1)
SNAPPER	-	-	28	4	5	(1)	33	4
UNCLASSIFIED	-	-	1	(1)	-	-	1	(1)
TOTAL SHELLFISH, ETC.	12,034	6,184	36,846	4,659	2,472	343	51,352	11,186
GRAND TOTAL	225,759	10,201	446,929	11,824	271,686	3,184	944,374	25,209

1/ LESS THAN 500 POUNDS OR \$500.

MIDDLE ATLANTIC FISHERIES

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CATCH OF CERTAIN SHELLFISH, 1962

(NUMBER AND BUSHELS)

SPECIES	NEW YORK		NEW JERSEY	
	QUANTITY	VALUE	QUANTITY	VALUE
CRABS:				
BLUE:				
HARD:	NUMBER	-	3,010,000	\$139,692
SOFT AND PEELER:	00	-	533,365	31,088
ROCK:	00	-	66,000	892
HORSESHOE CRABS:	00	-	85,000	1,938
CLAMS:				
HARD:	U. S. STANDARD BUSHELS			
PUBLIC:	244,700	\$1,816,570	133,970	536,335
PRIVATE:	00	158,317	-	-
RAZOR:	00	944	-	-
SOFT, PUBLIC:	00	5,831	1,450	7,210
SURF:	00	49,382	75,760	1,917,518
CONCHS:	00	1,200	3,311	22,680
MUSSELS, SEA:	00	2,730	3,444	-
OYSTERS, MARKET:				
PUBLIC:				
SPRING:	00	-	1,978	20,193
FALL:	00	600	6,666	157,647
PRIVATE:				
SPRING:	00	51,333	570,412	25,807
FALL:	00	45,253	502,891	1,216,587
SCALLOPS:				
BAY:	00	164,650	721,511	129,438
SEA:	00	453,033	1,097,228	37,124

SPECIES	DELAWARE		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE
CRABS:				
BLUE:				
HARD:	NUMBER			
SOFT AND PEELER:	00	4,522,800	7,532,800	\$259,444
ROCK:	00	103,600	636,965	40,426
HORSESHOE CRABS:	00	-	66,000	892
CLAMS:				
HARD:	U. S. STANDARD BUSHELS			
PUBLIC:	19,025	61,397	397,695	2,414,302
PRIVATE:	00	28,238	186,585	1,194,384
RAZOR:	00	-	944	3,734
SOFT, PUBLIC:	00	-	7,281	34,115
SURF:	00	5,818	8,733	1,809,918
CONCHS:	00	-	9,510	25,991
MUSSELS, SEA:	00	-	2,730	3,444
OYSTERS, MARKET:				
PUBLIC:				
SPRING:	00	-	-	1,978
FALL:	00	-	-	17,480
PRIVATE:				
SPRING:	00	1,723	6,900	55,535
FALL:	00	10,564	53,588	224,942
SCALLOPS:				
BAY:	00	-	-	220,758
SEA:	00	-	-	469,250

NOTE:--THE CAPACITY OF A U. S. STANDARD BUSHEL IS 2,150.4 CUBIC INCHES.

AVERAGE WEIGHTS OF CERTAIN SHELLFISH, 1962

SPECIES	NEW YORK	NEW JERSEY	DELAWARE
	QUANTITY	QUANTITY	QUANTITY
CRABS:			
BLUE:			
HARD:	NUMBER PER POUND	-	2.00
SOFT AND PEELER:	00	-	3.43
ROCK:	00	-	3.00
HORSESHOE CRABS:	POUNDS PER CRAB	-	4.00
CLAMS:			
HARD:	LBS. MEATS PER U. S. STANDARD BUSHEL		
PUBLIC:	12.00	10.00	8.00
PRIVATE:	12.00	-	8.00
RAZOR:	16.00	-	-
SOFT, PUBLIC:	16.00	12.00	-
SURF:	17.00	17.00	17.00
CONCHS:	15.00	20.00	-
MUSSELS, SEA:	10.00	-	-
OYSTERS, MARKET:			
PUBLIC:			
SPRING:	00	8.14	-
FALL:	00	7.30	9.52
PRIVATE:			
SPRING:	00	7.50	9.52
FALL:	00	7.50	8.00
SCALLOPS:			
BAY:	00	6.00	6.50
SEA:	00	6.00	6.00

NOTE:--THE CAPACITY OF A U. S. STANDARD BUSHEL IS 2,150.4 CUBIC INCHES.

MIDDLE ATLANTIC FISHERIES

MANUFACTURED FISHERY PRODUCTS, 1962

ITEM	NEW YORK		NEW JERSEY		DELAWARE AND PENNSYLVANIA	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
ANCHOVY PASTE, CANNED . . .	STANDARD CASES	(1)	-	-	-	-
BUTTERFISH, SMOKED	POUNDS	343,300	\$237,600	(1)	(1)	(1)
CARP, SMOKED	DO	89,000	80,400	(1)	(1)	(1)
CHUBS, SMOKED	DO	3,170,700	2,165,500	(1)	(1)	(1)
CODE:						
FRESH AND FROZEN:						
FILLETS	DO	2,515,780	1,132,001	436,000	\$158,500	(1)
STEAKS	DO	(1)	(1)	-	-	-
SPECIALTIES	DO	(1)	(1)	(1)	(1)	829,135
CANNED, SPECIALTIES	STANDARD CASES	-	-	(1)	(1)	-
SMOKED, SALTED AND DRIED	POUNDS	(1)	(1)	(1)	(1)	-
EELS, COMMON, SMOKED	DO	146,000	120,200	51,000	33,150	-
FLOUNDER:						
FRESH AND FROZEN:						
FILLETS	DO	3,901,880	2,165,178	(1)	(1)	(1)
SPECIALTIES	DO	(1)	(1)	(1)	(1)	-
SMOKED	DO	(1)	(1)	-	-	-
HADDOCK:						
FRESH AND FROZEN:						
FILLETS	DO	962,040	471,400	578,500	259,620	-
SPECIALTIES	DO	(1)	(1)	-	-	-
SMOKED (FINNAN HADDIE)	DO	(1)	(1)	-	-	-
HAKE, FILLETS, FRESH	DO	44,500	16,775	-	-	-
HERRING, SEA, SPECIALTIES:						
FROZEN	DO	(1)	(1)	-	-	-
CANNED	STANDARD CASES	(1)	(1)	-	-	-
SALTED	POUNDS	566,330	246,550	-	-	(1)
SMOKED	DO	31,000	10,400	-	-	(1)
LAKE TROUT, SMOKED	DO	57,000	49,800	-	-	(1)
LUMPFISH CAVIAR, CANNED	STANDARD CASES	(1)	(1)	-	-	-
MACKEREL:						
FILLETS, SALTED	POUNDS	-	-	-	-	544,400
SMOKED	DO	(1)	(1)	-	-	220,640
MENHADEN:						
MEAL AND SCRAP	TONS	(1)	(1)	37,214	4,121,483	(1)
OIL	GALLONS	(1)	(1)	4,989,458	1,636,361	(1)
SOLUBLES	TONS	(1)	(1)	(1)	(1)	(1)
PADDOLEFISH, SMOKED	POUNDS	(1)	(1)	-	-	-
POLLOCK, FILLETS, FRESH	DO	18,500	6,475	(1)	(1)	-
SABLEFISH, SMOKED	DO	1,796,400	1,352,250	(1)	(1)	(1)
SALMON:						
CAVIAR, CANNED	STANDARD CASES	4,569	355,339	-	-	-
SMOKED AND KIPPERED	POUNDS	6,885,750	11,462,825	(1)	(1)	(1)
SHAD:						
FILLETS, FRESH	DO	-	-	-	-	(1)
SMOKED	DO	23,000	8,900	-	-	(1)
STURGEON:						
CAVIAR, CANNED	STANDARD CASES	(1)	(1)	-	-	-
SMOKED	POUNDS	1,312,040	3,340,850	(1)	(1)	(1)
TUNA, SPECIALTIES:						
FROZEN	DO	(1)	(1)	-	-	-
CANNED	STANDARD CASES	-	-	-	-	(1)
WHITEFISH:						
CANNED:						
FISH	DO	-	-	(1)	(1)	-
CAVIAR	DO	1,301	89,189	-	-	-
SMOKED	POUNDS	1,927,200	1,609,500	(1)	(1)	-
WHITING, SMOKED	DO	166,000	59,300	143,200	61,940	-
CRAB:						
SPECIALTIES:						
FROZEN	DO	(1)	(1)	179,194	133,410	(1)
CANNED	STANDARD CASES	-	-	(1)	(1)	-
MEAL AND SCRAP	TONS	-	-	(1)	(1)	-
LOBSTERS:						
NORTHERN:						
COOKED MEAT, FROZEN	POUNDS	(1)	(1)	-	-	-
SPECIALTIES, CANNED	STANDARD CASES	(1)	(1)	2,901	70,473	(1)
SPINY, TAILS, RAW	POUNDS	(1)	(1)	-	-	(1)

SEE NOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

MANUFACTURED FISHERY PRODUCTS, 1962- Continued

ITEM	NEW YORK		NEW JERSEY		DELAWARE AND PENNSYLVANIA	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
SHRIMP:						
FROZEN:						
MEAT (PEELED AND DEVEINED), RAW AND COOKED	POUNDS (1)	(1)	(1)	(1)	(1)	(1)
BREADED, RAW AND COOKED	DO (1)	(1)	(1)	(1)	(1)	(1)
SPECIALTIES	DO 1,176,867	\$1,072,989	430,147	\$408,372	(1)	(1)
CANNED, SPECIALTIES	STANDARD CASES -	-	(1)	(1)	(1)	(1)
CLAMS, SURF AND HARD:						
FRESH AND FROZEN:						
SHUCKED	GALLONS 223,791	922,498	1,385,301	2,764,114	4,204	\$18,860
SPECIALTIES	POUNDS 221,347	268,517	743,148	490,521	(1)	(1)
CANNED:						
WHOLE AND MINCED	STANDARD CASES (1)	(1)	361,914	4,022,708	(1)	(1)
CHOWDER AND JUICE	DO 115,977	940,770	588,881	4,056,080	227,133	1,650,823
CONCH MEAT:						
FROZEN	POUNDS (1)	(1)	-	-	-	-
CANNED	STANDARD CASES (1)	(1)	-	-	-	-
MUSSELS, SEA:						
FRESH OR FROZEN, SPECIALTIES	POUNDS -	-	(1)	(1)	-	-
CANNED	STANDARD CASES (1)	(1)	-	-	-	-
MUSSEL SHELL BUTTONS	GROSS (1)	(1)	(1)	(1)	-	-
OYSTERS:						
FRESH AND FROZEN:						
SHUCKED	GALLONS (1)	(1)	206,044	2,266,484	59,675	691,850
BREADED	POUNDS (1)	(1)	(1)	(1)	(1)	(1)
SPECIALTIES	DO -	-	-	-	(1)	(1)
CANNED, SPECIALTIES	STANDARD CASES -	-	(1)	(1)	(1)	(1)
SHELL PRODUCTS, POULTRY GRIT AND LIME	TONS -	-	(1)	(1)	(1)	(1)
SCALLOPS:						
BAY, SHUCKED, FRESH	GALLONS 113,471	843,952	39,962	279,734	-	-
SEA, BREADED, FROZEN	POUNDS (1)	(1)	(1)	(1)	(1)	(1)
SPECIALTIES:						
FROZEN	DO (1)	(1)	-	-	-	-
CANNED	STANDARD CASES -	-	(1)	(1)	-	-
SQUID:						
FROZEN	POUNDS (1)	(1)	-	-	-	-
CANNED	STANDARD CASES (1)	(1)	(1)	(1)	-	-
TURTLE, CANNED:						
MEAT	DO -	-	(1)	(1)	-	-
SDUP	DO -	-	(1)	(1)	(1)	(1)
UNCLASSIFIED:						
FROZEN, PACKAGED FISH STICKS AND PORTIONS, AND OTHER FISH AND SHELLFISH	POUNDS 7,064,992	3,914,747	6,876,619	5,946,901	17,316,799	9,544,670
CURED FISH	DO 172,992	114,612	1,966,950	2,341,400	1,802,500	1,898,400
CANNED, FISH AND SHELLFISH	STANDARD CASES 118,560	2,528,330	248,641	4,547,673	246,758	2,852,851
INDUSTRIAL PRODUCTS	-	2,899,714	-	1,665,006	-	4,717,395
TOTAL	-	38,486,561	-	35,264,150	-	21,988,564

✓ INCLUDED IN UNCLASSIFIED ITEMS.

NOTE:--SOME OF THE ABOVE PRODUCTS MAY HAVE BEEN MANUFACTURED FROM RAW PRODUCTS IMPORTED FROM ANOTHER STATE OR A FOREIGN COUNTRY; THEREFORE, THEY CANNOT BE CORRELATED DIRECTLY WITH THE CATCH WITHIN THE STATE.



MIDDLE ATLANTIC FISHERIES

SUMMARY OF MANUFACTURED PRODUCTS, 1962

(VALUE IN THOUSANDS OF DOLLARS)

ITEM		QUANTITY	VALUE
PACKAGED, FRESH AND FROZEN:			
NOT BREADED:			
FISH	1,000 POUNDS	10,208	4,889
SHELLFISH	DO	18,339	8,300
BREADED:			
FISH	DO	13,040	5,414
SHELLFISH	DO	2,963	2,521
SPECIALTIES (FISH AND SHELLFISH)	DO	16,686	13,144
CANNED (FISH AND SHELLFISH)	1,000 STD. CASES	1,916	21,114
CURED FISH:			
SALTED	1,000 POUNDS	1,430	587
SMOKED AND KIPPERED	DO	19,611	24,730
INDUSTRIAL PRODUCTS	-	-	15,040
TOTAL	-	-	95,739

VALUE OF MANUFACTURED PRODUCTS, BY STATES, 1962

(THOUSANDS OF DOLLARS)

STATE	VALUE
NEW YORK	38,486
NEW JERSEY	35,264
DELAWARE	7,586
PENNSYLVANIA	14,403
TOTAL	95,739

WHOLESALE AND MANUFACTURING, 1962

ITEM	NEW YORK	NEW JERSEY	PENNSYLVANIA	DELAWARE	TOTAL
	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>
WHOLESALE AND MANUFACTURING:					
ESTABLISHMENTS	314	119	54	20	507
PERSONS ENGAGED:					
AVERAGE FOR SEASON	3,272	2,780	1,273	624	7,949
AVERAGE FOR YEAR	3,081	2,033	850	364	6,328



MIDDLE ATLANTIC FISHERIES

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NEW YORK

OPERATING UNITS BY GEAR, 1962

ITEM	HAUL SEINES, COMMON	PURSE SEINES, MENHADEN	OTTER TRAWLS		POUND NETS, FISH	FYKE AND HOOP NETS, FISH	
			FISH	LOBSTER			
FISHERMEN:	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	
ON VESSELS	5	170	484	12	37	-	
ON BOATS AND SHORE:							
REGULAR	72	-	16	-	20	11	
CASUAL	38	-	-	-	16	16	
TOTAL	115	170	500	12	73	29	
VESSELS, MOTOR	2	10	152	3	8	-	
GROSS TONNAGE	22	2,546	5,941	274	81	-	
BOATS:							
MOTOR	36	20	9	-	16	18	
OTHER	5	-	-	-	10	2	
GEAR:							
NUMBER	42	10	161	3	106	102	
LENGTH, YARDS	12,842	4,360	-	-	-	-	
YARDS AT MOUTH	-	-	3,881	90	-	-	
	POTS AND TRAPS				GILL NETS		
ITEM	CONCH	EEL	FISH	LOBSTER	ANCHOR, SET OR STAKE	DRIFT	
						SHAD	
FISHERMEN:	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	
ON VESSELS	-	-	2	18	-	-	
ON BOATS AND SHORE:							
REGULAR	-	10	-	25	12	4	
CASUAL	1	13	-	20	52	80	
TOTAL	1	23	2	63	64	84	
VESSELS, MOTOR	-	-	1	9	-	-	
GROSS TONNAGE	-	-	8	99	-	-	
BOATS, MOTOR	1	19	-	34	49	43	
GEAR:							
NUMBER	50	715	400	6,565	111	43	
SQUARE YARDS	-	-	-	-	109,901	115,065	
	GILL NETS - CONTINUED			LINES		HARPOONS	SPEARS
ITEM	DRIFT- CONTINUED	RUNA- ROUND	HAND	LONG OR SET WITH HOOKS			
	OTHER						
FISHERMEN:	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	
ON VESSELS	2	4	-	10	14	-	
ON BOATS AND SHORE:							
REGULAR	4	13	125	29	-	1	
CASUAL	-	7	670	12	-	13	
TOTAL	6	24	795	51	14	14	
VESSELS, MOTOR	1	2	-	5	5	-	
GROSS TONNAGE	8	17	-	45	106	-	
BOATS:							
MOTOR	2	11	425	27	4	14	
OTHER	-	-	25	-	-	-	
GEAR:							
NUMBER	3	13	795	59	5	14	
SQUARE YARDS	8,100	20,100	-	-	-	-	
HOOKS OR BAITS	-	-	970	42,500	-	-	
	OREDGES			TONGS		RAKES	TOTAL, EXCLUSIVE OF DUPLI- CATION
ITEM	CLAM	OYSTER, COMMON	SCALLOP	OYSTER	OTHER		
	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>
FISHERMEN:							
ON VESSELS	61	55	172	-	-	-	979
ON BOATS AND SHORE:							
REGULAR	3	2	355	15	510	260	1,055
CASUAL	-	-	750	-	815	505	1,901
TOTAL	64	57	1,277	15	1,325	765	3,935
VESSELS, MOTOR	28	14	16	-	-	-	231
GROSS TONNAGE	626	555	1,745	-	-	-	11,416
BOATS:							
MOTOR	1	1	605	15	950	620	1,942
OTHER	-	-	-	-	20	-	62
GEAR:							
NUMBER	31	27	1,842	15	1,325	765	-
YARDS AT MOUTH	22	39	1,922	-	-	-	-

MIDDLE ATLANTIC FISHERIES

NEW YORK - CATCH BY GEAR, 1962

SPECIES	HAUL SEINES		PURSE SEINES		OTTER TRAWLS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	19,200	\$668	-	-	-	-
ANGLERFISH	-	-	-	-	17,800	\$712
BLUEFISH	29,000	3,685	-	-	15,500	2,077
BONITO	-	-	-	-	200	26
BUTTERFISH	-	-	-	-	1,539,700	144,292
CARP	8,400	525	-	-	-	-
CATFISH	700	70	-	-	-	-
COD	-	-	-	-	668,600	73,433
EELS, CONGER	-	-	-	-	5,600	112
FLOUNDERS:						
BLACKBACK	-	-	-	-	1,563,600	91,295
FLUKE	-	-	-	-	1,506,700	344,226
GRAY SOLE	-	-	-	-	19,100	2,228
YELLOWTAIL	-	-	-	-	3,845,400	302,174
HADDOCK	-	-	-	-	81,300	9,771
HAKE:						
RED	-	-	-	-	449,500	11,558
WHITE	-	-	-	-	3,400	124
HERRING, SEA	-	-	-	-	3,500	40
KING WHITING OR "KINGFISH"	500	70	-	-	-	-
MACKEREL	-	-	-	-	3,000	629
MENHADEN	-	-	136,655,000	\$1,247,230	-	-
POLLOCK	-	-	-	-	1,100	70
SCUP OR PORGY	207,100	14,398	-	-	10,377,500	721,475
SEA BASS	-	-	-	-	398,100	77,463
SEA TROUT OR WEAKFISH:						
GRAY	13,300	2,635	-	-	18,400	3,640
SHAD	3,200	373	-	-	-	-
SHARKS:						
GRAYFISH	-	-	-	-	48,300	2,516
UNCLASSIFIED	-	-	-	-	1,400	76
SILVERSIDES	161,300	15,114	-	-	-	-
SKATES	-	-	-	-	13,200	461
STRIPED BASS	492,700	74,462	-	-	83,100	12,560
STURGEON	-	-	-	-	7,700	1,509
SUCKERS	100	9	-	-	-	-
SWELLFISH	4,000	156	-	-	31,700	1,247
TAUTOG	1,500	53	-	-	-	-
TILEFISH	-	-	-	-	121,400	14,058
WHITE PERCH	5,600	840	-	-	2,646,000	118,319
WHITING	-	-	-	-	-	-
UNCLASSIFIED:						
FOR FOOD	15,900	1,590	-	-	208,300	17,870
BAIT, REDUCTION, AND						
ANIMAL FOOD	-	-	-	-	47,689,400	333,923
LOBSTERS, NORTHERN	-	-	-	-	138,700	48,545
CONCHS	-	-	-	-	4,500	828
SCALLOPS, SEA	-	-	-	-	2,100	940
SQUID	-	-	-	-	1,353,300	77,903
TOTAL	962,500	114,848	136,655,000	1,247,230	72,866,900	2,416,000

SPECIES	POUND NETS		FYKE AND HOOP NETS		POTS AND TRAPS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	-	-	19,000	\$731	-	-
BLUEFISH	261,700	\$35,079	-	-	-	-
BONITO	65,300	8,957	-	-	-	-
BULLHEADS	-	-	200	18	-	-
BUTTERFISH	70,800	6,634	-	-	-	-
CARP	-	-	1,100	55	-	-
CATFISH	-	-	7,400	580	-	-
COD	2,800	307	-	-	-	-
EELS, COMMON	57,000	7,762	500	50	40,900	\$5,642
FLOUNDERS:						
BLACKBACK	30,300	1,769	30,000	1,751	-	-
FLUKE	18,600	4,250	-	-	-	-
HAKE, RED	6,900	177	-	-	-	-
HERRING, SEA	59,600	677	-	-	-	-
KING WHITING OR "KINGFISH"	1,400	197	-	-	-	-
MACKEREL	21,200	4,442	-	-	-	-
MENHADEN	1,600,700	15,987	-	-	-	-
SCUP OR PORGY	110,400	7,675	-	-	-	-
SEA BASS	500	97	-	-	115,000	22,374
SEA TROUT OR WEAKFISH:						
GRAY	10,600	2,097	-	-	-	-
SHAD	23,500	4,548	-	-	-	-
SHARKS:						
GRAYFISH	6,200	323	-	-	-	-
UNCLASSIFIED	400	21	-	-	-	-

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MIDDLE ATLANTIC FISHERIES

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NEW YORK - CATCH BY GEAR, 1962 - Continued

SPECIES	POUND NETS		FYKE AND HOOP NETS		POTS AND TRAPS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
STRIPED BASS	3,200	\$484	-	-	-	-
SUCKERS	-	-	700	\$120	-	-
SUNFISH	-	-	200	45	-	-
SWELLFISH	502,200	19,706	-	-	-	-
TAUTOG	7,500	264	-	-	-	-
TOMCOD	-	-	1,100	405	-	-
TUNA:						
BLUEFIN	4,300	669	-	-	-	-
LITTLE	5,700	265	-	-	-	-
WHITE PERCH	3,500	525	1,500	234	-	-
WHITING	77,100	3,445	-	-	-	-
UNCLASSIFIED:						
FOR FOOD	59,800	5,980	-	-	-	-
BAIT, REDUCTION, AND ANIMAL FOOD	99,500	995	-	-	-	-
LOBSTERS, NORTHERN	-	-	-	-	174,500	\$113,608
CONCHS	-	-	-	-	3,700	689
SQUID	102,600	5,905	-	-	-	-
TOTAL	3,213,300	139,257	61,700	3,989	334,100	142,313

SPECIES	GILL NETS					
	ANCHOR, SET OR STAKE		DRIFT		RUNAROUND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUEFISH	46,500	\$6,231	-	-	119,400	\$16,001
CARP	900	45	900	\$45	-	-
CATFISH	700	25	-	-	-	-
MACKEREL	-	-	2,000	419	-	-
SEA TROUT OR WEAKFISH, GRAY	-	-	-	-	5,300	1,048
SHAD	103,400	15,054	112,400	13,077	-	-
STRIPED BASS	43,500	3,179	4,600	361	-	-
STURGEON	2,300	306	100	15	-	-
WHITE PERCH	2,600	276	-	-	-	-
UNCLASSIFIED, FOR FOOD	4,000	400	-	-	6,000	600
TOTAL	203,900	25,517	120,000	13,917	130,700	17,649

SPECIES	LINES				HARPOONS	
	HAND		LONG OR SET WITH HOOKS		POUNDS	VALUE
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUEFISH	286,100	\$35,399	-	-	-	-
CATFISH	-	-	5,800	\$457	-	-
COD	18,200	1,997	339,200	37,110	-	-
EELS, COMMON	-	-	1,500	176	-	-
MACKEREL	58,300	12,211	-	-	-	-
SEA BASS	10,000	1,945	-	-	-	-
SHARKS, GRAYFISH	-	-	1,000	52	-	-
STRIPED BASS	29,500	4,458	-	-	-	-
STURGEON	-	-	100	20	-	-
SWORDFISH	-	-	-	-	41,000	\$21,620
TUNA, BLUEFIN	13,300	2,075	-	-	-	-
UNCLASSIFIED, FOR FOOD	3,000	300	500	50	-	-
TOTAL	416,400	61,345	347,100	37,865	41,000	21,620

SPECIES	SPEARS		DREDGES		TONGS		RAKES	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
EELS, COMMON	29,500	\$4,020	-	-	-	-	-	-
FLOUNDERS:								
BLACKBACK	1,800	105	300	\$18	-	-	-	-
FLUKE	7,500	1,713	57,300	13,091	-	-	-	-
YELLOWTAIL	-	-	47,900	3,763	-	-	-	-
SKATES	-	-	200	7	-	-	-	-
TILEFISH	-	-	3,800	446	-	-	-	-
LOBSTERS, NORTHERN	-	-	1,800	630	-	-	-	-
CLAMS:								
HARD:								
PUBLIC	-	-	-	-	1,600,900	\$980,671	1,335,500	\$835,899
PRIVATE	-	-	1,899,800	1,109,679	-	-	-	-
RAZOR	-	-	-	-	-	-	15,100	3,734
SOFT, PUBLIC	-	-	-	-	-	-	93,300	26,905
SURF	-	-	839,500	75,760	-	-	-	-
CONCHS	-	-	9,800	1,794	-	-	-	-
MUSSELS, SEA	-	-	-	-	-	-	27,300	3,444
OYSTERS, MARKET:								
PUBLIC, FALL	-	-	-	-	4,500	6,666	-	-
PRIVATE:								
SPRING	-	-	365,000	570,412	-	-	-	-
FALL	-	-	339,400	502,891	-	-	-	-
SCALLOPS:								
BAY	-	-	987,900	721,511	-	-	-	-
SEA	-	-	2,716,100	1,096,388	-	-	-	-
TOTAL	38,800	5,838	7,288,800	4,096,390	1,605,400	987,337	1,471,200	869,982

MIDDLE ATLANTIC FISHERIES

NEW JERSEY

OPERATING UNITS BY GEAR, 1962

ITEM	HAUL SEINES, COMMON	STOP SEINES	PURSE SEINES		BEAM TRAWLS, SHRIMP
			MENHADEN	OTHER	
FISHERMEN:	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>
ON VESSELS	-	-	561	153	-
ON BOATS AND SHORE:					
REGULAR	22	4	-	20	-
CASUAL	36	-	-	-	7
TOTAL	58	4	561	173	7
VESSELS, MOTOR	-	-	33	19	-
GROSS TONNAGE	-	-	6,616	323	-
BOATS:					
MOTOR	30	4	66	22	7
OTHER	-	-	-	16	-
GEAR:					
NUMBER	30	4	33	22	7
LENGTH, YARDS	3,670	1,600	12,900	6,775	-
YARDS AT MOUTH	-	-	-	-	21
ITEM	OTTER TRAWLS		WEIRS	POUND NETS, FISH	FYKE AND HOOP NETS, FISH
	FISH	LOBSTER			
FISHERMEN:	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>
ON VESSELS	525	126	-	55	1
ON BOATS AND SHORE:					
REGULAR	17	3	2	30	11
CASUAL	-	-	5	-	7
TOTAL	542	129	7	85	19
VESSELS, MOTOR	155	32	-	14	1
GROSS TONNAGE	6,710	1,757	-	108	8
BOATS:					
MOTOR	8	1	3	7	18
OTHER	-	-	3	-	-
GEAR:					
NUMBER	163	33	6	45	43
YARDS AT MOUTH	4,071	921	-	-	-
ITEM	POTS AND TRAPS				
	CRAB	EEL	FISH	LOBSTER	TURTLE
FISHERMEN:	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>
ON VESSELS	14	-	16	13	-
ON BOATS AND SHORE:					
REGULAR	46	5	28	7	-
CASUAL	9	12	-	1	6
TOTAL	69	17	44	21	6
VESSELS, MOTOR	10	-	8	7	-
GROSS TONNAGE	105	-	77	76	-
BOATS, MOTOR	38	17	19	8	6
GEAR, NUMBER	4,082	317	15,230	3,300	120
ITEM	GILL NETS				
	ANCHOR, SET OR STAKE	DRIFT		RUNAROUND	
		SHAD	OTHER		
FISHERMEN:	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	
ON VESSELS	10	3	21	9	
ON BOATS AND SHORE:					
REGULAR	56	-	44	36	
CASUAL	42	5	4	8	
TOTAL	108	8	69	53	
VESSELS, MOTOR	4	1	8	4	
GROSS TONNAGE	53	7	97	44	
BOATS:					
MOTOR	50	3	24	22	
OTHER	5	-	-	-	
GEAR:					
NUMBER	53	4	34	26	
SQUARE YARDS	105,944	11,732	252,931	213,473	

(CONTINUED ON NEXT PAGE)

NEW JERSEY - OPERATING UNITS BY GEAR, 1962 - Continued

ITEM	LINES			
	HAND	TROLL	LONG OR SET WITH HOOKS	TROT WITH BAITS
FISHERMEN:	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>
ON VESSELS	15	8	119	-
ON BOATS AND SHORE:				
REGULAR	11	5	82	11
CASUAL	33	31	2	1
TOTAL	59	44	203	12
VESSELS, MOTOR	8	4	52	-
GROSS TONNAGE	90	50	628	-
BOATS, MOTOR	25	28	42	12
GEAR:				
NUMBER	71	63	94	12
HOOKS OR BAITS	142	63	234,850	9,150

ITEM	PUSH NETS	HARPOONS	SPEARS	DREDGES	
				CLAM	NUMBER
FISHERMEN:	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>		<u>NUMBER</u>
ON VESSELS	-	19	-		159
ON BOATS AND SHORE:					
REGULAR	-	3	-		-
CASUAL	9	-	5		-
TOTAL	9	22	5		159
VESSELS, MOTOR	-	5	-		46
GROSS TONNAGE	-	251	-		2,387
BOATS:					
MOTOR	-	1	5		-
OTHER	9	-	-		-
GEAR:					
NUMBER	9	6	5		46
YARDS AT MOUTH	-	-	-		65

ITEM	DREDGES - CONTINUED			TONGS	
	CRAB	OYSTER, COMMON	SCALLOP	OYSTER	OTHER
FISHERMEN:	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>
ON VESSELS	70	252	138	-	-
ON BOATS AND SHORE:					
REGULAR	5	12	165	112	410
CASUAL	-	9	-	72	650
TOTAL	75	273	303	184	1,060
VESSELS, MOTOR	25	32	16	-	-
GROSS TONNAGE	731	1,073	1,295	-	-
BOATS:					
MOTOR	5	11	90	164	850
OTHER	-	-	-	-	150
GEAR:					
NUMBER	57	82	208	184	1,060
YARDS AT MOUTH	67	82	249	-	-

ITEM	RAKES	HOES	BY HAND		TOTAL, EXCLUSIVE OF DUPLICATION
			OYSTER	OTHER	
FISHERMEN:	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>
ON VESSELS	-	-	-	-	1,979
ON BOATS AND SHORE:					
REGULAR	245	4	-	210	771
CASUAL	479	15	5	470	1,172
TOTAL	724	19	5	680	3,922
VESSELS, MOTOR	-	-	-	-	375
GROSS TONNAGE	-	-	-	-	19,337
BOATS:					
MOTOR	621	19	-	552	1,544
OTHER	59	-	-	43	210
GEAR, NUMBER	724	19	-	-	-

MIDDLE ATLANTIC FISHERIES

NEW JERSEY - CATCH BY GEAR, 1962

SPECIES	HAUL SEINES		STOP SEINES		PURSE SEINES	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	14,400	\$576	-	-	-	-
BLUEFISH	300	33	-	-	121,900	\$13,119
BONITO	-	-	-	-	200	25
BUTTERFISH	-	-	-	-	3,600	179
CARP	200	10	94,700	\$5,762	-	-
CATFISH	20,900	2,027	3,000	240	-	-
CROAKER	-	-	-	-	1,000	347
DRUM, BLACK	-	-	-	-	23,600	755
FOUNDERS:						
BLACKBACK	600	60	-	-	300	16
FLUKE	-	-	-	-	100	25
MENHADEN	-	-	-	-	354,024,200	3,667,108
MULLET	10,700	2,084	-	-	-	-
SCUP OR PORGY	-	-	-	-	5,003,100	386,841
SEA BASS	-	-	-	-	100	15
SEA TROUT OR WEAKFISH, GRAY	100	20	-	-	400	101
SHAD	19,200	3,699	-	-	-	-
SHARKS, UNCLASSIFIED	-	-	-	-	-	-
STRIPED BASS	57,400	15,616	-	-	18,400	3,998
TAUTOG	-	-	-	-	8,600	329
TUNA, LITTLE	-	-	-	-	400	24
WHITE PERCH	54,400	6,926	-	-	-	-
TOTAL	178,200	31,051	97,700	6,002	359,206,000	4,072,886

SPECIES	BEAM TRAWLS		OTTER TRAWLS		WEIRS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ANGLERFISH	-	-	5,000	\$69	-	-
BLUEFISH	-	-	63,600	7,972	-	-
BONITO	-	-	700	86	-	-
BUTTERFISH	-	-	2,052,700	157,325	-	-
COD	-	-	355,600	38,348	-	-
CROAKER	-	-	500	137	-	-
DRUM, BLACK	-	-	300	23	-	-
EELS:						
COMMON	-	-	-	-	2,200	\$792
CONGER	-	-	3,000	88	-	-
FOUNDERS:						
BLACKBACK	-	-	110,700	5,734	-	-
FLUKE	-	-	4,718,900	97,285	-	-
GRAY SOLE	-	-	33,000	1,966	-	-
YELLOWTAIL	-	-	35,500	1,317	-	-
UNCLASSIFIED	-	-	1,100	29	-	-
HAKE:						
RED	-	-	744,400	18,145	-	-
WHITE	-	-	109,000	5,563	-	-
HERRING, SEA	-	-	42,600	888	-	-
KING WHITING OR "KINGFISH"	-	-	46,600	4,025	-	-
MACKEREL	-	-	6,400	974	-	-
MENHADEN	-	-	200	8	-	-
OCEAN PERCH	-	-	500	20	-	-
POLLOCK	-	-	1,100	72	-	-
SCUP OR PORGY	-	-	9,340,700	568,479	-	-
SEA BASS	-	-	595,300	59,227	-	-
SEA ROBIN	-	-	1,000	40	-	-
SEA TROUT OR WEAKFISH, GRAY	-	-	584,200	46,819	-	-
SHAD	-	-	1,800	129	-	-
SHARKS:						
GRAYFISH	-	-	2,700	68	-	-
UNCLASSIFIED	-	-	2,400	129	-	-
SKATES	-	-	200	5	-	-
SPOT	-	-	200	6	-	-
STRIPED BASS	-	-	254,200	37,686	-	-
STURGEON	-	-	15,000	2,763	-	-
SWELLFISH	-	-	140,700	5,288	-	-
TAUTOG	-	-	5,600	156	-	-
TILEFISH	-	-	92,100	6,876	-	-
WHITE PERCH	-	-	3,300	847	-	-
WHITING	-	-	3,865,800	155,749	-	-
UNCLASSIFIED:						
FOR FOOD	-	-	17,000	733	-	-
BAIT, REDUCTION, AND ANIMAL FOOD	-	-	19,300	332	-	-
CRABS:						
BLUE, HARD	-	-	500	39	-	-
ROCK	-	-	21,200	864	-	-

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MIDDLE ATLANTIC FISHERIES

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NEW JERSEY - CATCH BY GEAR, 1962 - Continued

SPECIES	BEAM TRAWLS		OTTER TRAWLS		WEIRS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
HORSESHOE CRABS	-	-	-	-	340,000	\$1,938
LOBSTERS, NORTHERN	-	-	762,000	\$305,838	-	-
SHRIMP	5,800	\$5,800	-	-	-	-
CONCHS	-	-	31,000	4,593	-	-
SCALLOPS, SEA	-	-	700	299	-	-
SQUID	-	-	544,100	32,450	-	-
TOTAL	5,800	5,800	24,632,600	2,440,489	342,200	2,730

SPECIES	POUND NETS		FYKE AND HOOP NETS		POTS AND TRAPS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	-	-	5,900	\$236	-	-
AMBERJACK	1,000	\$33	-	-	-	-
BLUEFISH	255,100	27,384	-	-	-	-
BONITO	3,400	367	-	-	-	-
BUTTERFISH	56,000	3,918	-	-	-	-
CATFISH	-	-	-	-	200	\$20
COD	-	-	-	-	100	8
CROAKER	2,200	626	-	-	-	-
CUNNER	-	-	-	-	300	7
DRUM, BLACK	1,500	101	-	-	-	-
EELS:						
COMMON	300	38	-	-	19,000	2,900
CONGER	-	-	-	-	500	13
FLOUNDERS:						
BLACKBACK	500	44	14,100	1,410	-	-
FLUKE	27,600	5,220	-	-	-	-
GRUNTS	-	-	-	-	200	7
HAKE, RED	14,300	373	-	-	8,200	163
HERRING, SEA	163,200	3,236	-	-	-	-
KING WHITING OR "KINGFISH"	100	11	-	-	-	-
MENHADEN	21,099,800	222,109	-	-	-	-
SCUP OR PORGY	530,400	36,721	-	-	1,300	62
SEA BASS	300	35	-	-	2,022,700	262,256
SEA TROUT OR WEAFFISH, GRAY	14,100	2,679	-	-	-	-
SHAD	52,000	6,376	-	-	-	-
SHARKS, GRAYFISH	900	18	-	-	-	-
STRIPED BASS	5,100	1,003	200	60	-	-
STURGEON	4,200	1,157	-	-	-	-
SWELLFISH	5,500	236	-	-	-	-
TARPON	100	6	-	-	-	-
TAUTOG	2,200	65	-	-	34,700	835
TUNA:						
BLUEFIN	600	61	-	-	-	-
LITTLE	8,600	344	-	-	-	-
WHITE PERCH	-	-	16,800	3,698	-	-
WHITING	44,000	982	-	-	-	-
UNCLASSIFIED, FOR FOOD	1,000	56	-	-	3,100	103
CRABS:						
BLUE:						
HARD	200	20	-	-	1,188,000	114,197
SOFT AND PEELER	-	-	-	-	155,400	31,058
ROCK	-	-	-	-	800	28
LOBSTERS, NORTHERN	-	-	-	-	106,900	61,607
TURTLES:						
LOGGERHEAD	400	40	-	-	-	-
SNAPPER	-	-	-	-	23,200	2,784
TOTAL	22,294,600	315,261	39,000	5,404	3,566,600	496,258

SPECIES	GILL NETS					
	ANCHOR, SET OR STAKE		DRIFT		RUNAROUND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUEFISH	-	-	191,800	\$27,933	431,800	\$38,697
BONITO	-	-	14,000	1,661	400	62
BUTTERFISH	-	-	200	17	200	13
CROAKER	-	-	-	-	600	164
DRUM, BLACK	-	-	-	-	100	10
KING WHITING OR "KINGFISH"	-	-	800	117	100	15
MACKEREL	-	-	11,400	2,938	-	-
MENHADEN	-	-	383,500	11,730	18,900	592
SCUP OR PORGY	-	-	-	-	3,400	308
SEA TROUT OR WEAFFISH, GRAY	-	-	1,900	382	48,000	9,227
SHAD	399,900	\$61,254	5,900	1,285	800	80
SHARKS, UNCLASSIFIED	-	-	900	34	-	-

(CONTINUED ON NEXT PAGE)

MIDDLE ATLANTIC FISHERIES

NEW JERSEY - CATCH BY GEAR, 1962 - Continued

SPECIES	GILL NETS					
	ANCHOR, SET OR STAKE		DRIFT		RUNAROUND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
STRIPED BASS	142,200	\$29,412	8,900	\$2,145	1,700	\$315
TUNA, LITTLE	-	-	-	-	100	4
WHITE PERCH	12,100	1,967	1,100	167	5,900	810
WHITING	-	-	2,700	50	-	-
UNCLASSIFIED, FOR FOOD	200	16	400	20	100	5
TOTAL	554,400	92,679	623,500	48,479	512,100	50,302

SPECIES	LINES							
	HAND		TROLL		LONG OR SET WITH HOOKS		TROT WITH BAITS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ANGLERFISH	-	-	-	-	200	\$5	-	-
BLUFFFISH	11,400	\$1,666	15,700	\$2,067	-	-	-	-
BONITO	200	24	3,700	416	-	-	-	-
CATFISH	1,400	83	-	-	-	-	-	-
COD	3,400	313	-	-	1,124,800	136,081	-	-
FLOUNDERS, FLUKE	500	110	-	-	-	-	-	-
HAKE, RED	100	10	-	-	1,700	50	-	-
KING WHITING OR "KINGFISH"	-	-	-	-	-	-	-	-
MACKEREL	3,000	765	400	117	-	-	-	-
POLLOCK	-	-	-	-	100	5	-	-
SEA BASS	3,000	410	-	-	-	-	-	-
SEA TROUT OR WEAKFISH, GRAY	800	107	400	60	-	-	-	-
SHARKS, UNCLASSIFIED	100	4	-	-	600	32	-	-
STRIPED BASS	-	-	5,700	1,069	-	-	-	-
SWORDFISH	-	-	-	-	13,900	8,419	-	-
TAUTOG	200	4	-	-	-	-	-	-
TUNA:								
BLUEFIN	400	47	3,600	540	400	75	-	-
LITTLE	-	-	100	8	100	10	-	-
UNCLASSIFIED, FOR FOOD	100	7	-	-	300	9	-	-
CRABS, BLUE:								
HARD	-	-	-	-	-	-	50,200	\$4,806
SOFT AND PEELER	-	-	-	-	-	-	100	20
TOTAL	24,600	3,550	29,600	4,277	1,142,100	144,686	50,300	4,826

SPECIES	PUSH NETS		HARPOONS		SPEARS		DREGGES	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
EELS, COMMON	-	-	-	-	800	\$180	-	-
FLOUNDERS:								
FLUKE	-	-	-	-	-	-	2,100	\$467
YELLOWTAIL	-	-	-	-	-	-	200	9
SWORDFISH	-	-	12,300	\$7,419	-	-	-	-
TUNA, BLUEFIN	-	-	200	24	-	-	-	-
CRABS, BLUE, HARD	-	-	-	-	-	-	266,100	20,630
SHRIMP	1,500	\$1,500	-	-	-	-	-	-
CLAMS, SURF	-	-	-	-	-	-	29,830,200	1,917,518
CONCHS	-	-	-	-	-	-	135,200	18,087
OYSTERS, MARKET:								
PUBLIC:								
SPRING	-	-	-	-	-	-	4,500	5,457
FALL	-	-	-	-	-	-	25,000	30,295
PRIVATE:								
SPRING	-	-	-	-	-	-	12,600	11,029
FALL	-	-	-	-	-	-	1,350,700	1,216,004
SCALLOPS:								
BAY	-	-	-	-	-	-	364,700	129,438
SEA	-	-	-	-	-	-	96,600	36,625
TOTAL	1,500	1,500	12,500	7,443	800	180	32,087,900	3,385,759

SPECIES	TONGS		RAKES		HOES		BY HAND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CLAMS:								
HARD, PUBLIC	540,900	\$216,811	355,500	\$142,204	-	-	443,300	\$177,320
SOFT, PUBLIC	-	-	-	-	10,200	\$4,230	7,200	2,960
OYSTERS, MARKET:								
PUBLIC:								
SPRING	11,600	14,736	-	-	-	-	-	-
FALL	135,000	126,569	-	-	-	-	700	783
PRIVATE:								
SPRING	11,000	14,776	-	-	-	-	-	-
FALL	2,300	2,583	-	-	-	-	-	-
TERRAPIN	-	-	3,200	1,120	-	-	-	-
TURTLES:								
SNAPPER	-	-	4,700	614	-	-	-	-
UNCLASSIFIED	-	-	1,400	70	-	-	-	-
TOTAL	700,800	375,477	364,600	144,008	10,200	4,230	451,200	181,083

MIDDLE ATLANTIC FISHERIES

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DELAWARE

OPERATING UNITS BY GEAR, 1962

ITEM	HAUL SEINES, COMMON	PURSE SEINES, MENHADEN	OTTER TRAWLS, FISH	FYKE NETS	
				FISH	TURTLE
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS	-	357	8	-	-
ON BOATS AND SHORE:					
REGULAR	2	-	-	2	2
CASUAL	11	-	-	24	2
TOTAL	13	357	8	26	4
VESSELS, MOTOR	-	21	4	-	-
GROSS TONNAGE	-	4,039	91	-	-
BOATS, MOTOR	5	42	-	25	3
GEAR:					
NUMBER	3	21	4	96	67
LENGTH, YARDS	740	7,350	-	-	-
YARDS AT MOUTH	-	-	86	-	-

ITEM	POTS AND TRAPS		GILL NETS		
	CRAB	EEL	ANCHOR, SET OR STAKE	DRIFT	
				SHAD	OTHER
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:					
REGULAR	35	1	34	2	-
CASUAL	22	2	19	23	2
TOTAL	57	3	53	25	2
BOATS, MOTOR	28	3	36	20	1
GEAR:					
NUMBER	4,025	90	36	20	1
SQUARE YARDS	-	-	61,300	13,733	3,600

ITEM	LINES, LONG OR SET WITH HOOKS	DREDGES		
		CLAM	CRAB	OYSTER, COMMON
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS	6	43	21	19
ON BOATS AND SHORE, CASUAL	2	-	-	-
TOTAL	8	43	21	19
VESSELS, MOTOR	2	14	8	4
GROSS TONNAGE	24	532	192	95
BOATS, MOTOR	2	-	-	-
GEAR:				
NUMBER	6	22	11	8
HOOKS OR BAITS	4,020	-	-	-
YARDS AT MOUTH	-	26	22	12

ITEM	TONGS	RAKES	TOTAL, EXCLUSIVE OF DUPLI- CATION
	NUMBER	NUMBER	NUMBER
FISHERMEN:			
ON VESSELS	-	-	440
ON BOATS AND SHORE:			
REGULAR	20	20	79
CASUAL	73	90	223
TOTAL	93	110	742
VESSELS, MOTOR	-	-	48
GROSS TONNAGE	-	-	4,824
BOATS:			
MOTOR	70	95	274
OTHER	23	15	28
GEAR, NUMBER	93	110	-

MIDDLE ATLANTIC FISHERIES

DELAWARE - CATCH BY GEAR, 1962

SPECIES	HAUL SEINES		PURSE SEINES		OTTER TRAWLS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUTTERFISH	-	-	-	-	1,500	\$225
CARP	3,500	\$350	-	-	-	-
FLOUNDERS, FLUKE	-	-	-	-	24,000	3,600
KING WHITING OR "KINGFISH"	-	-	-	-	3,400	350
MENHADEN	-	-	268,704,000	\$2,782,437	-	-
MULLET	2,900	800	-	-	-	-
SCUP OR PORGY	-	-	-	-	800	64
SEA TROUT OR WEAKFISH, GRAY	11,000	1,650	-	-	115,000	11,700
STRIPED BASS	-	-	-	-	4,400	468
WHITE PERCH	-	-	-	-	14,000	700
TOTAL	17,400	2,800	268,704,000	2,782,437	163,100	17,107

SPECIES	FYKE AND HOOP NETS		POTS AND TRAPS		GILL NETS	
					ANCHOR, SET OR STAKE	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUEFISH	1,500	\$225	-	-	5,000	\$750
CARP	2,000	200	-	-	2,500	504
CATFISH	2,200	330	-	-	-	-
EELS, COMMON	-	-	9,500	\$570	-	-
FLOUNDERS, BLACKBACK	15,600	790	-	-	-	-
KING WHITING OR "KINGFISH"	-	-	-	-	1,100	95
SEA TROUT OR WEAKFISH, GRAY	1,500	270	-	-	-	-
SHAD	-	-	-	-	105,000	12,960
STRIPED BASS	-	-	-	-	104,100	10,743
WHITE PERCH	-	-	-	-	10,500	525
CRABS, BLUE:	-	-	-	-	-	-
HARD	-	-	1,675,400	111,368	-	-
SOFT AND PEELER	-	-	25,900	9,338	-	-
TURTLES, SNAPPER	4,600	379	-	-	-	-
TOTAL	27,600	2,194	1,710,800	121,296	231,500	25,577

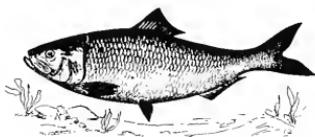
SPECIES	GILL NETS- CONTINUED		LINES, LONG OR SET WITH HOOKS		DREDGES	
	DRIFT					
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUEFISH	1,500	\$225	-	-	-	-
CATFISH	400	60	-	-	-	-
COD	-	-	36,600	\$3,474	-	-
SEA TROUT OR WEAKFISH, GRAY	12,200	2,196	-	-	-	-
SHAD	10,400	2,162	-	-	-	-
STURGEON	2,200	761	-	-	-	-
CRABS, BLUE, HARD	-	-	-	-	209,100	\$8,364
CLAMS:	-	-	-	-	-	-
HARD:	-	-	-	-	-	-
PUBLIC	-	-	-	-	75,200	28,200
PRIVATE	-	-	-	-	225,900	84,705
SURF	-	-	-	-	98,900	8,733
OYSTERS, MARKET, PRIVATE:	-	-	-	-	-	-
SPRING	-	-	-	-	11,300	6,900
FALL	-	-	-	-	69,300	53,588
TOTAL	26,700	5,404	36,600	3,474	689,700	190,490

SPECIES	TONGS		RAKES	
	POUNDS	VALUE	POUNDS	VALUE
CLAMS, HARD, PUBLIC	46,200	\$19,902	30,800	\$13,295
TOTAL	46,200	19,902	30,800	13,295

HUDSON RIVER SHAD FISHERY

In 1962, the spring run of shad in the Hudson River yielded a commercial catch of 149,380 fish weighing 527,680 pounds and valued at \$77,873 to the fishermen. The poundage declined 10 percent and the value 21 percent compared with 1961. Fishermen received an average price of almost 15 cents per pound for shad during 1962 compared with nearly 17 cents the previous year.

During 1962, there were 168 fishermen employed in the Hudson River shad fishery--23 less than in 1961. Statistics on the 1962 operating units and catch of shad in the Hudson River by New York and New Jersey fishermen are included in the operating unit and catch data for these States.



SHAD

SUMMARY OF OPERATING UNITS AND CATCH, 1962

ITEM	NEW YORK			NEW JERSEY			TOTAL		
	NUMBER			NUMBER			NUMBER		
OPERATING UNITS									
FISHERMEN, ON BOATS AND SHORE:									
REGULAR	11			7					18
CASUAL	116			34					150
TOTAL	127			41					168
BOATS:									
MOTOR	71			17					88
OTHER	-			5					5
GEAR:									
HAUL SEINES	4			-					4
LENGTH, YARDS	457			-					457
GILL NETS:									
ANCHOR, SET OR STAKE	52			11					63
SQUARE YARDS	95,329			30,952					127,281
DRIFT	42			-					42
SQUARE YARDS	113,059			-					113,059
CATCH									
	NUMBER	POUNDS	VALUE	NUMBER	POUNDS	VALUE	NUMBER	POUNDS	VALUE
SHAD:									
HAUL SEINES	618	2,400	\$218	-	-	-	618	2,400	\$218
GILL NETS:									
ANCHOR, SET OR STAKE	29,802	103,449	15,054	83,360	309,531	\$49,525	113,162	412,980	64,579
DRIFT	35,600	112,300	13,076	-	-	-	35,600	112,300	13,076
TOTAL	66,020	218,149	28,348	83,360	309,531	49,525	149,380	527,680	77,873

NOTE:--THESE DATA REFLECT THE CATCH OF SHAD IN THE HUDSON RIVER BETWEEN WEEHAWKEN, N.J. AND ALBANY, N.Y.

CHESAPEAKE FISHERIES



CHESAPEAKE STATES

The commercial catch of fish and shellfish landed in Maryland and Virginia during 1962 totaled 521 million pounds valued at \$34 million to the fishermen. Compared with the previous year, this was an increase of 44 million pounds (9 percent) but a decrease in value of \$3.5 million (9 percent). Menhaden was the principal species responsible for the increased landings. Other species showing sizeable gains were alewives, hard crabs, and soft clams. The only major species that declined in landings was oysters and because of their relatively high unit value, the total value dropped considerably.

Fishermen and vessels. There were 16,806 fishermen engaged in the fisheries of the Chesapeake area during 1962, 1,366 less than in 1961. The number of commercial fishing craft that operated in these States consisted of 1,191 vessels, 8,759 motor boats, and 1,045 other boats. There was a total decline of 602 craft, principally oyster tongs and dredgers.

Processing. Production of manufactured fishery products in the States of Maryland and Virginia in 1962 amounted to \$61.6 million--\$3.1 million more than in 1961. A \$1.5 million increase in the value of menhaden products and \$1.3 million increase in the value of picked crab meat were largely responsible for the overall increase in the value. Maryland accounted for 58 percent of the total value of the products and Virginia, 42 percent.

Labor. The Fair Labor Standards Act Amendment of 1961 required the fresh crab meat industry to pay the workers a minimum hourly wage of \$1.00. This affected all plants because crab meat pickers, working on a piece-work basis, did not average \$1.00 per hour. The resulting higher cost of hand picking crab meat has led to the placing of increased emphasis on the mechanization of this process. Efforts to develop a machine for picking claw meat have not been successful. During the past year, however, an industry-developed picking machine was demonstrated and shows considerable promise. Another machine under development is a crab de-backer or "bobber." The Bureau is also working on a "family" of machines to aid the crab meat industry.

Oysters. The decline of the oyster production continued in 1962 with landings falling to 20 million pounds of meats--27 percent less than in 1961 and the lowest landings ever recorded for this area. Poor sets of spat in recent years appears to be the major factor contributing to the decline. Further aggravating the situation was an unusually poor yield of meats per bushel in many areas. There appeared to be no further encroachment during the year by the disease known as MSX.

Despite the decline in oyster production, prices remained at the 1961 level, which lent credence to the contention of many that the market would assimilate no more price increases. Packers felt the pinch as shucking costs increased while the gallon price remained stable.

The seed oyster production was less discouraging. The James River furnishes the bulk of this crop, and its waters have been less affected by disease than most other producing areas. The catch declined 376,500 bushels (17 percent) from 1961; however, record prices brought the oyster fishermen \$1,497,000--a gain of \$118,000 compared with the previous year. A jarring note was sounded when a biological investigator reported that the 1962 set of spat, upon which the industry relies for the following year's crop, was virtually a failure. Adding to the depressing picture was the possible threat of the seed bed's complete annihilation: a proposal was made to dredge a deep ship channel 75 miles up the James River to Richmond. Oyster interests immediately opposed the proposal, since it is not known how the channel will affect the seed oyster beds. The Army Engineers prepared to build a working replica of the river in the hope of providing answers to many of the questions concerning the affect of deepening the channel.

CHESAPEAKE FISHERIES

The year 1962 will be remembered as the rebirth of the Potomac River as an oyster producer. In October, the President signed a bill which allowed the formation of a Potomac River Fisheries Commission whose prime function is to govern fishing in this river. The river has always been a controversial area because the bordering States of Maryland and Virginia seldom agreed on regulations and fishing practices. The river is considered to hold great potential as an oyster producer. The major problem facing the six members of the Commission is to agree on a method of propagation and conservation of oysters in Potomac waters.

Alewives. The production of alewives increased by 10 million pounds over 1961 to the highest level since 1956. Strangely enough, the Maryland production of this species was at a record low. The 1962 canned pack was sizeable enough to spur attempts to enlarge regional markets. All markets for alewives, in whatever form offered, appear to be regional. This species has never been promoted on a national basis, as its appeal seems limited to those familiar with the fish.

Soft clams. Landings of soft clams reached a record high of 6.8 million pounds of meats, a 44-percent increase over 1961. Due to a limited market and good supply, ex-vessel prices were lower than in 1961. The State of Maryland, which produced practically all of the soft clams in this area, plans to make market studies and to advertise the clams in an attempt to increase sales. The State also plans to do research into the biology of the clams and to develop proper management techniques for the shellfish.

Croaker. Croaker landings fell to the lowest recorded level--1.3 million pounds. In 1945, the year of peak production, 58 million pounds were taken in the Chesapeake area. Since then, however, there has been an almost uninterrupted decline. Scientists have found that the young of this species winter in the brackish tributaries of the Chesapeake Bay and they believe it possible that a series of mild winters is needed to restore the croaker population.

Tuna. A new tuna processing plant was opened in Maryland at a site which was prepared through the assistance of the Area Redevelopment Agency. The plant depends principally upon imported fish, but will also use local production when it is available.

Crabs. Hard blue crab production rose to 81 million pounds, eclipsing by 10 percent the record set in 1950 (74 million pounds). Paradoxically, there was a gain in price along with increased landings. The Virginia Institute of Marine Science suggested a number of changes in crab regulations based on years of study and these were enacted into law. One of the more radical was the abolition of minimum size limits on soft and peeler crabs.

Further information. Condensed summary data on the operating units and catch, by States, appearing on the following pages have been previously published in Current Fishery Statistics No. 3353. The catch of fish and shellfish in the bay and ocean areas of Maryland and Virginia is shown at the end of this section. Additional data may be found in the Maryland and Virginia monthly and annual landing bulletins published by the Branch of Statistics in cooperation with the respective States. Information on the daily, monthly, and annual production of fishery products in the more important areas of these States is available in reports published by the Bureau's Fishery Market News Service office at Hampton, Va.

Acknowledgments. The Bureau acknowledges the assistance of the following organizations in the collection of the data appearing in this Section: Maryland Natural Resources Institute, Maryland Department of Tidewater Fisheries, Virginia Commission of Fisheries, and Virginia Institute of Marine Science.

SECTIONAL SUMMARIES
SUMMARY OF CATCH, 1962
(MILLIONS OF POUNDS AND MILLIONS OF DOLLARS)

STATE	FISH		SHELLFISH, ETC.		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
MARYLAND	20	2	47	10	67	12
VIRGINIA	365	8	69	14	454	22
TOTAL	405	10	116	24	521	34

SUMMARY OF OPERATING UNITS, 1962

ITEM	MARYLAND	VIRGINIA	TOTAL, EXCLUSIVE OF DUPLICATION
	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>
FISHERMEN:			
ON VESSELS	1,300	2,144	3,428
ON BOATS AND SHORE:			
REGULAR	4,122	3,204	7,326
CASUAL	3,456	2,596	6,052
TOTAL	8,878	7,944	16,806
VESSELS:			
MOTOR	472	661	1,124
GROSS TONNAGE	4,435	17,458	21,719
SAIL	67	-	67
GROSS TONNAGE	737	-	737
TOTAL VESSELS	539	661	1,191
TOTAL GROSS TONNAGE	5,172	17,458	22,456
BOATS:			
MOTOR	5,569	3,190	8,759
OTHER	389	656	1,045
GEAR:			
HAUL SEINES, COMMON	110	170	280
LENGTH, YARDS	48,050	90,595	138,645
PURSE SEINES, MENHADEN	1	29	30
LENGTH, YARDS	375	10,875	11,250
OTTER TRAWLS, FISH	23	79	100
YARDS AT MOUTH	965	2,027	2,562
POUND NETS:			
CRAB	-	2,787	2,787
FISH	275	666	941
FYKE AND HOOP NETS, FISH	1,070	515	1,585
POTS AND TRAPS:			
CRAB	73,081	115,183	188,164
EEL	6,289	1,104	7,393
FISH	2,000	4,027	6,027
TURTLE	185	308	493
SLAT TRAPS	-	2	2
GILL NETS:			
ANCHOR, SET OR STAKE	1,682	1,170	2,852
SQUARE YARDS	1,817,465	727,870	2,545,335
DRIFT	484	403	887
SQUARE YARDS	752,500	562,400	1,334,900
LINES:			
HAND	233	653	886
HOOKS	241	653	894
LONG OR SET WITH HOOKS	30	98	128
HOOKS	37,350	9,370	46,720
TROT WITH BAITS	2,296	117	2,413
BAITS	906,175	71,700	977,875
DIP NETS, COMMON	218	174	392
SCRAPES	475	121	596
YARDS AT MOUTH	541	222	763
DREDGES:			
CLAM	238	39	276
YARDS AT MOUTH	239	32	270
CRAB	8	384	392
YARDS AT MOUTH	8	624	632
OYSTER, COMMON	201	478	679
YARDS AT MOUTH	222	570	792
SCALLOP	-	8	8
YARDS AT MOUTH	-	28	28
TONGS:			
OYSTER	4,177	2,342	6,519
OTHER	68	792	860
RAKES:			
OYSTER	-	26	26
OTHER	-	591	591

CHESAPEAKE FISHERIES

CATCH BY STATES, 1962

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES FISH	MARYLAND		VIRGINIA		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
ALEWIVES	2,378	29	25,300	492	27,678	521
AMBERJACK	-	-	1	(1)	1	(1)
BLUEFISH	64	7	524	64	588	71
BONITO	1	(1)	4	1	5	1
BOWFIN	-	6	6	(1)	6	(1)
BUTTERFISH	152	-	1,529	139	1,681	145
CABIO	-	-	21	1	21	1
CARP	401	10	332	10	733	20
CATFISH AND BULLHEADS	292	20	2,432	162	2,724	182
COD	375	42	39	4	414	46
CRAPPIE	3	(1)	-	-	3	(1)
CROAKER	11	3	1,294	294	1,305	297
DRUM:						
BLACK	12	1	376	17	388	18
RED	-	-	1	1	13	1
EELS, COMMON	114	8	212	33	326	41
FLOUNDERS:						
BLACKBACK	7	(1)	2	(1)	9	(1)
FLUKE	715	157	1,914	383	2,629	540
UNCLASSIFIED	7	1	15	2	22	3
GARFISH	-	-	(1)	(1)	(1)	(1)
GIZZARD SHAD	23	1	74	1	97	2
GROUPERS	-	-	1	(1)	1	(1)
HAKE:						
RED	47	1	6	(1)	55	1
WHITE	(1)	(1)	5	(1)	5	(1)
HARVESTFISH	-	-	85	8	85	8
HERRING, SEA	12	(1)	-	-	12	(1)
HICKORY SHAD	7	1	44	2	51	3
HOGCHOKER	13	(1)	-	-	13	(1)
KING MACKEREL	-	-	8	-	8	1
KING WHITING OR "KINGFISH"	35	2	126	9	161	11
MACKEREL	8	2	121	29	129	31
MENHADEN	4,316	77	323,594	3,884	327,910	3,961
MULLET	4	(1)	103	9	107	9
PIGFISH	(1)	(1)	20	1	20	1
PIKE OR PICKEREL	7	2	-	-	7	2
POLLOCK	-	-	(1)	(1)	(1)	(1)
POMPANO	-	-	(1)	(1)	(1)	(1)
SAND PERCH	-	-	2	-	2	-
SCUP OR PORGY	102	5	11,161	743	11,263	748
SEA BASS	339	29	4,127	667	4,466	696
SEA ROBIN	-	-	3	(1)	3	(1)
SEA TROUT OR WEAKFISH:						
GRAY	193	9	1,489	159	1,682	168
SPOTTED	-	-	26	6	28	6
SHAD	1,575	203	2,220	312	3,795	515
SHARKS:						
GRAYFISH	36	2	367	14	405	16
UNCLASSIFIED	75	2	-	-	75	2
SKATES	4	(1)	-	-	4	(1)
SPADEFISH	-	-	1	(1)	1	(1)
SPANISH MACKEREL	-	-	15	2	15	2
SPOT	27	3	2,350	224	2,377	227
STRIPED BASS	3,979	642	1,944	279	5,923	921
STURGEON	8	2	5	1	13	3
SUCKERS	1	(1)	6	(1)	7	(1)
SUNFISH	22	2	-	-	22	2
SWELLFISH	731	17	632	14	1,363	31
TAUOG	9	(1)	2	(1)	11	(1)
TILEFISH	(1)	(1)	25	3	25	3
TUNA:						
BLUEFIN	(1)	(1)	-	(1)	(1)	(1)
LITTLE	-	-	2	-	2	-
WHITE PERCH	1,997	169	450	39	2,447	208
WHITING	166	4	548	18	716	22
YELLOW PERCH	133	13	27	3	160	16
UNCLASSIFIED:						
FOR FOOD	1	(1)	47	4	48	4
BAIT, REDUCTION, AND ANIMAL FOOD	2,111	13	856	15	2,967	28
TOTAL FISH	20,517	1,485	384,510	8,050	405,027	9,535
SHELLFISH, ETC.						
CRABS, BLUE:						
HARD	27,661	1,770	53,671	2,523	81,332	4,293
SOFT AND PEELER	3,892	778	1,347	429	5,239	1,207
TOTAL CRABS	31,553	2,548	55,018	2,952	86,571	5,500
LOBSTERS, NORTHERN	2	1	23	10	25	11

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

CHESAPEAKE FISHERIES

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CATCH BY STATES, 1962 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	MARYLAND		VIRGINIA		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
SHELLFISH, ETC. - CONTINUED						
CLAMS:						
HARD:						
PUBLIC	383	178	1,314	630	1,697	808
PRIVATE	-	-	376	182	376	182
SOFT, PUBLIC	6,767	1,513	3	1	6,770	1,514
SURF	75	6	-	-	75	6
TOTAL CLAMS	7,225	1,697	1,693	813	8,918	2,510
CONCHS.	29	3	383	28	412	31
OYSTERS, MARKET:						
PUBLIC:						
SPRING	2,565	1,706	583	479	3,148	2,185
FALL	4,344	3,447	848	705	5,192	4,152
PRIVATE:						
SPRING	539	431	4,732	3,918	5,271	4,349
FALL	691	598	5,637	4,672	6,328	5,270
TOTAL OYSTERS	8,139	6,182	11,800	9,774	19,939	15,956
SCALLOPS, SEA	-	-	95	33	95	33
SQUID	31	2	224	17	255	19
TERRAPIN	4	1	9	3	13	4
TURTLES:						
LOGGERHEAD	-	-	1	(1)	1	(1)
SNAPPER	74	7	145	21	219	28
TOTAL TURTLES	74	7	146	21	220	28
TOTAL SHELLFISH, ETC.	47,057	10,441	69,391	13,651	116,448	24,092
GRAND TOTAL	67,574	11,926	453,901	21,701	521,475	33,627

1/ LESS THAN 500 POUNDS OR \$500.

NOTE:--STATISTICS ON THE CATCH OF FISH, CRUSTACEANS, AND SUCH MOLLUSKS AS SQUID ARE SHOWN IN ROUND (LIVE) WEIGHT. THOSE FOR UNIVALVE AND BIVALVE MOLLUSKS (CLAMS, CONCHS, OYSTERS, AND SCALLOPS) REPRESENT THE WEIGHTS OF MEAT EXCLUDING THE SHELL.

CATCH OF CERTAIN SHELLFISH, 1962

(NUMBER AND BUSHELS)

SPECIES	MARYLAND		VIRGINIA		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
CRABS, BLUE:						
HARD	NUMBER					
SOFT AND PEELER	DO	66,386,640	\$1,770,307	160,476,290	\$2,522,585	226,862,930
CLAMS:	U. S.	15,567,996	778,620	8,083,800	428,819	23,651,796
CLAMS:	STANDARD					
HARD:	BUSHELS					
PUBLIC	DO	47,888	178,025	164,979	630,360	212,867
PRIVATE	DO	-	-	47,557	181,531	47,557
SOFT, PUBLIC	DO	563,950	1,513,249	225	900	564,175
SURF	DO	4,406	5,984	-	-	4,406
CONCHS.	DO	1,430	2,922	19,135	28,446	20,565
OYSTERS, MARKET:						
PUBLIC:						
SPRING	DO	530,686	1,706,093	137,095	478,924	667,781
FALL	DO	951,310	3,447,259	200,567	705,180	1,151,877
PRIVATE:						
SPRING	DO	96,034	430,484	1,134,772	3,918,187	1,230,806
FALL	DO	150,023	598,496	1,342,143	4,671,578	1,492,166
SCALLOPS, SEA	DO	-	-	15,850	32,537	15,850

NOTE:--THE CAPACITY OF A U. S. STANDARD BUSHEL IS 2,150.4 CUBIC INCHES.

AVERAGE WEIGHTS OF CERTAIN SHELLFISH, 1962

SPECIES	MARYLAND		VIRGINIA	
		QUANTITY		QUANTITY
CRABS, BLUE:				
HARD	NUMBER PER POUND	2.40		2.99
SOFT AND PEELER	DO	4.00		6.00
CLAMS:				
POUNDS OF MEATS				
HARD:	PER U. S.			
PUBLIC	STANDARD BUSHEL	8.00		7.96
PRIVATE	DO	-		7.91
SOFT, PUBLIC	DO	12.00		12.00
SURF	DO	17.00		-
CONCHS.	DO	20.00		20.00
OYSTERS, MARKET:				
PUBLIC:				
SPRING	DO	4.83		4.25
FALL	DO	4.57		4.23
PRIVATE:				
SPRING	DO	5.61		4.17
FALL	DO	4.60		4.20
SCALLOPS, SEA	DO	-		6.00

NOTE:--THE CAPACITY OF A U. S. STANDARD BUSHEL IS 2,150.4 CUBIC INCHES.

CHESAPEAKE FISHERIES

MANUFACTURED FISHERY PRODUCTS, 1962

ITEM	MARYLAND		VIRGINIA	
	QUANTITY	VALUE	QUANTITY	VALUE
ALEWIVES:				
CANNED:				
FISH	STANDARD CASES	(1)	57,506	\$255,308
ROE	DO	(1)	33,771	477,287
SALTED AND PICKLED	POUNDS	700,225	\$76,197	3,642,425
MEAL AND SCRAP	TONS	-	-	371,672
OIL	GALLONS	(1)	(1)	220,950
SOLUBLES	TONS	-	-	25,110
ANCHOVY, PASTE, CANNED	STANDARD CASES	(1)	(1)	31,600
BUTTERFISH, SMOKED	POUNDS	40,000	30,000	-
CARP, SMOKED	DO	5,000	3,750	-
CHUBS, SMOKED	DO	100,000	85,000	-
EELS, SMOKED	DO	25,000	18,750	-
MENHADEN:				
MEAL AND SCRAP	TONS	-	-	33,648
OIL	GALLONS	-	-	4,220,000
SOLUBLES	TONS	-	-	3,260,600
SABLEFISH, SMOKED	POUNDS	(1)	(1)	20,356
SALMON, SMOKED	DO	180,000	270,000	-
SEA HERRING:				
IN BRINE	DO	60,000	15,000	-
SMOKED	DO	254,000	76,200	-
SPECIALTIES, PICKLED AND SALTED	DO	6,565,755	3,594,991	-
SHAD:				
CANNED:				
FISH	STANDARD CASES	-	-	(1)
ROE	DO	(1)	(1)	-
SMOKED	POUNDS	14,000	4,200	-
STURGEON, SMOKED	DO	10,000	25,000	-
TUNA:				
CANNED	STANDARD CASES	(1)	(1)	-
SPECIALTIES, FROZEN	POUNDS	-	-	(1)
MEAL	TONS	(1)	(1)	-
WHITEFISH, SMOKED	POUNDS	(1)	(1)	-
CRABS, BLUE:				
FRESH AND FROZEN:				
COOKED MEAT	DO	4,694,750	4,793,576	4,839,200
SPECIALTIES	DO	1,450,092	1,105,567	417,071
CANNED	STANDARD CASES	(1)	(1)	-
MEAL AND SCRAP	TONS	4,426	183,358	4,662
LOBSTER SOUP, CANNED	STANDARD CASES	(1)	(1)	183,860
SHRIMP, FROZEN:				
RAW	POUNDS	-	-	25,820
BREADED	DO	-	-	171,800
SPECIALTIES	DO	(1)	(1)	(1)
CANNED, SPECIALTIES	STANDARD CASES	(1)	(1)	-
CLAMS:				
SHUCKED, FRESH	GALLONS	344,112	1,964,263	6,868
BREADED, FROZEN	POUNDS	249,079	252,679	31,900
CANNED, SPECIALTIES	STANDARD CASES	(1)	(1)	-
OYSTERS:				
FRESH AND FROZEN:				
SHUCKED	GALLONS	956,082	7,663,864	1,263,977
STEAMED	POUNDS	-	-	10,289,832
BREADED, DO	DO	-	-	445,900
CANNED, SPECIALTIES	STANDARD CASES	214,636	236,636	981,700
SHELL PRODUCTS, POULTRY GRIT AND LIME	TONS	(1)	(1)	726,850
SCALLOPS, SEA, BREADED, FROZEN	POUNDS	80,000	64,000	661,400
UNCLASSIFIED:				
FROZEN, PACKAGED FISH STICKS AND PORTIONS AND OTHER FISH AND SHELLFISH	DO	16,423,599	5,922,286	1,240,019
CANNED	STANDARD CASES	771,346	5,116,312	65,905
INDUSTRIAL PRODUCTS	-	-	1,369,006	300,464
TOTAL	-	-	35,875,655	25,698,526

1/ INCLUDED WITH UNCLASSIFIED ITEMS.

NOTE:--SOME OF THE ABOVE PRODUCTS MAY HAVE BEEN MANUFACTURED FROM RAW PRODUCTS IMPORTED FROM ANOTHER STATE OR A FOREIGN COUNTRY; THEREFORE, THEY CANNOT BE CORRELATED DIRECTLY WITH THE CATCH WITHIN THE STATE.



SUMMARY OF MANUFACTURED PRODUCTS, 1962

(VALUE IN THOUSANDS OF DOLLARS)

ITEM	QUANTITY	VALUE
PACKAGED, FRESH AND FROZEN:		
NOT BREADED, FISH AND SHELLFISH . . .	1,000 POUNDS	33,171
BREADED:		
FISH	DO	16,802
SHELLFISH	DO	1,646
SPECIALTIES (FISH AND SHELLFISH) . . .	DO	2,260
CANNED (FISH AND SHELLFISH)	1,000 STANDARD CASES	928
CURED (SALTED AND SMOKED)	1,000 POUNDS	11,616
INDUSTRIAL PRODUCTS	-	-
TOTAL	-	61,574



VALUE OF MANUFACTURED PRODUCTS, BY STATES, 1962

(THOUSANDS OF DOLLARS)

STATE	VALUE
MARYLAND	35,876
VIRGINIA	25,698
TOTAL	61,574



WHOLESALE AND MANUFACTURING, 1962

ITEM	MARYLAND	VIRGINIA	TOTAL
	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>
WHOLESALE AND MANUFACTURING; ESTABLISHMENTS	239	341	580
PERSONS ENGAGED:			
AVERAGE FOR SEASON	6,491	6,638	13,129
AVERAGE FOR YEAR	4,243	3,916	8,159

CHESAPEAKE FISHERIES

MARYLAND

OPERATING UNITS BY GEAR, 1962

ITEM	HAUL SEINES, COMMON	PURSE SEINES, MENHADEN	OTTER TRAWLS, FISH	POUND NETS, FISH	FYKE AND HOOP NETS, FISH	POTS AND TRAPS
						CRAB
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS	131	9	54	104	8	179
ON BOATS AND SHORE:						
REGULAR	347	-	2	314	70	465
CASUAL	71	-	-	5	32	158
TOTAL	549	9	56	423	110	802
VESSELS, MOTOR	26	1	22	21	4	149
GROSS TONNAGE	244	31	579	175	31	1,192
BOATS:						
MOTOR	84	-	1	66	59	569
OTHER	111	1	-	87	-	-
GEAR:						
NUMBER	110	1	23	275	1,070	73,061
LENGTH, YARDS	48,050	375	-	-	-	-
YARDS AT MOUTH	-	-	585	-	-	-

ITEM	POTS AND TRAPS - CONTINUED			GILL NETS		LINES
	EEL	FISH	TURTLE	ANCHOR, SET OR STAKE	DRIFT	HAND
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS	-	3	-	222	134	5
ON BOATS AND SHORE:						
REGULAR	131	-	17	923	351	4
CASUAL	69	-	2	696	365	13
TOTAL	200	3	19	1,841	850	22
VESSELS, MOTOR	-	2	-	113	65	2
GROSS TONNAGE	-	22	-	1,051	672	27
BOATS:						
MOTOR	143	-	18	937	402	17
OTHER	-	-	-	101	-	-
GEAR:						
NUMBER	6,289	2,000	185	1,682	484	233
SQUARE YARDS	-	-	-	1,817,465	752,500	-
HOOKS OR BAITS	-	-	-	-	-	241

ITEM	LINES - CONTINUED		DIP NETS, COMMON	SCRAPES	DREDGES	
	LONG OR SET WITH HOOKS	TROT WITH BAITS			CLAM	CRAB
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS	29	87	-	-	155	-
ON BOATS AND SHORE:						
REGULAR	12	1,147	37	237	264	8
CASUAL	13	1,062	181	8	-	-
TOTAL	54	2,296	218	245	419	8
VESSELS, MOTOR	13	84	-	-	78	-
GROSS TONNAGE	217	634	-	-	628	-
BOATS:						
MOTOR	13	2,069	154	240	160	8
OTHER	-	7	64	-	-	-
GEAR:						
NUMBER	30	2,296	218	75	238	8
YARDS AT MOUTH	-	-	-	541	239	8
HOOKS OR BAITS	37,350	906,175	-	-	-	-

(CONTINUED ON NEXT PAGE)

MARYLAND - OPERATING UNITS BY GEAR, 1962 - Continued

ITEM	OREDGES- CONTINUED	TONGS		BY HAND	TOTAL, EXCLUSIVE OF DUPLI- CATION
	OYSTER, COMMON	OYSTER	OTHER		
	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>
FISHERMEN:					
ON VESSELS	406	381	4	-	1,300
ON BOATS AND SHORE:					
REGULAR	79	2,928	64	25	4,122
CASUAL	-	868	-	66	3,456
TOTAL	485	4,177	68	91	8,876
VESSELS:					
MOTOR	12	254	4	-	472
GROSS TONNAGE	163	1,998	35	-	4,435
SAIL	67	-	-	-	67
GROSS TONNAGE	737	-	-	-	737
TOTAL VESSELS	79	254	4	-	539
TOTAL GROSS TONNAGE	900	1,998	35	-	5,172
BOATS:					
MOTOR	30	2,868	60	-	5,569
OTHER	-	35	-	-	389
GEAR:					
NUMBER	201	4,177	68	-	-
YARDS AT MOUTH	222	-	-	-	-

MARYLAND - CATCH BY GEAR, 1962

SPECIES	HAUL SEINES		PURSE SEINES		OTTER TRAWLS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	15,300	\$186	-	-	-	-
BLUEFISH	6,800	814	-	-	7,000	\$299
BUTTERFISH	-	-	-	-	150,100	5,713
CARP	390,100	9,058	-	-	-	-
CATFISH AND BULLHEADS	63,500	4,281	-	-	-	-
COO	-	-	-	-	7,700	785
CROAKER	2,900	780	-	-	-	-
DRUM, BLACK	-	-	-	-	300	20
EELS, COMMON	400	34	-	-	700	21
FLOUNDERS:						
BLACKBACK	-	-	-	-	6,500	414
FLUKE	100	13	-	-	703,700	156,024
UNCLASSIFIED	400	42	-	-	3,300	93
GIZZARD SHAD	200	6	-	-	-	-
HAKE:						
RED	-	-	-	-	34,800	414
WHITE	-	-	-	-	100	3
HERRING, SEA	-	-	-	-	11,900	265
KING WHITING OR "KINGFISH"	-	-	-	-	35,100	2,325
MACKEREL	-	-	-	-	800	136
MENHADEN	16,700	318	2,466,000	\$41,100	100	4
PIGFISH	-	-	-	-	101,900	5,167
SCUP OR PORGY	-	-	-	-	204,600	12,148
SEA BASS	-	-	-	-	187,600	7,966
SEA TROUT OR WEAKFISH, GRAY	1,800	171	-	-	-	-
SHAD	100	7	-	-	-	-
SHARKS:						
GRAYFISH	-	-	-	-	37,500	1,428
UNCLASSIFIED	-	-	-	-	74,600	2,027
SKATES	-	-	-	-	3,600	18
SPOT	24,400	3,099	-	-	1,000	26
STRIPED BASS	439,800	70,811	-	-	600	85
STURGEON	-	-	-	-	8,400	1,476
SUCKERS	100	3	-	-	-	-
SUNFISH	1,100	95	-	-	-	-
SWELLFISH	-	-	-	-	21,500	429
TAUTOG	-	-	-	-	800	19
TILEFISH	-	-	-	-	100	3
WHITE PERCH	362,700	30,826	-	-	-	-
WHITING	-	-	-	-	167,700	4,282

(CONTINUED ON NEXT PAGE)

CHESAPEAKE FISHERIES

MARYLAND - CATCH BY GEAR, 1962 - Continued

SPECIES	HAUL SEINES		PURSE SEINES		OTTER TRAWLS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
YELLOW PERCH	21,200	\$2,057	-	-	-	-
UNCLASSIFIED:						
FOR FOOD	-	-	-	-	500	\$37
BAIT, REDUCTION, AND ANIMAL FOOD	-	-	-	-	2,111,100	12,756
LOBSTERS, NORTHERN	-	-	-	-	500	104
CONCHS	-	-	-	-	26,600	2,922
SQUID	-	-	-	-	30,600	2,123
TERRAPIN	300	100	-	-	-	-
TOTAL	1,307,900	122,701	2,466,000	\$41,100	3,945,300	219,532

SPECIES	POUND NETS		FYKE AND HOOP NETS		POTS AND TRAPS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	2,114,700	\$25,779	4,300	\$52	-	-
BLUEFISH	34,600	4,108	-	-	-	-
BONITO	400	48	-	-	-	-
BUTTERFISH	1,500	90	-	-	-	-
CARP	20,500	527	7,600	207	-	-
CATFISH AND BULLHEADS	48,400	3,252	83,900	5,603	-	-
CRAPPIE	400	27	2,300	139	-	-
CROAKER	8,200	2,234	-	-	-	-
DRUM, BLACK	11,500	578	-	-	-	-
EELS, COMMON	2,100	167	200	19	109,200	\$7,638
FLOUNDERS:						
FLUKE	8,300	1,122	500	68	-	-
UNCLASSIFIED	3,200	376	-	-	-	-
GIZZARD SHAD	400	16	200	8	-	-
HAKE, RED	-	-	-	-	11,800	191
HOGCHOKER	13,400	269	-	-	-	-
MACKEREL	500	79	-	-	-	-
MEHADEN	1,805,500	34,577	-	-	-	-
PIKE OR PICKEREL	1,200	230	600	128	-	-
SEA BASS	-	-	-	-	134,300	16,878
SEA TROUT OR WEAKFISH, GRAY	2,300	224	-	-	-	-
SHAD	196,600	25,318	-	-	-	-
SPOT	1,500	185	-	-	-	-
STRIPED BASS	220,200	35,444	5,100	827	-	-
SUCKERS	-	-	100	4	-	-
SUNFISH	200	13	10,600	952	-	-
SMELLFISH	19,400	2,921	-	-	690,400	13,807
TAUTOG	-	-	-	-	8,200	99
WHITE PERCH	222,400	18,901	69,500	5,907	-	-
YELLOW PERCH	9,700	935	52,800	5,092	-	-
CRABS, BLUE:						
HARD	-	-	-	-	14,883,400	952,536
SOFT AND PEELER	-	-	-	-	333,800	66,780
LOBSTERS, NORTHERN	-	-	-	-	1,000	500
TERRAPIN	300	100	-	-	-	-
TURTLES, SNAPPER	-	-	-	-	72,200	7,220
TOTAL	4,747,400	157,520	236,100	19,006	16,244,300	1,065,649

SPECIES	GILL NETS				LINES	
	ANCHOR, SET OR STAKE		ORIFT		HAND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	220,000	\$2,793	24,100	\$292	-	-
BLUEFISH	4,300	400	8,700	1,223	2,100	\$325
BONITO	-	-	-	-	700	67
CARP	19,200	503	3,500	99	-	-
CATFISH AND BULLHEADS	63,700	4,260	11,300	756	21,400	1,427
COO	-	-	-	-	300	42
CRAPPIE	600	38	-	-	-	-
EELS, COMMON	1,500	122	-	-	-	-
FLOUNDERS, FLUKE	400	55	-	-	-	-
GIZZARD SHAD	22,000	828	100	2	-	-
HICKORY SHAD	6,300	423	700	44	-	-
KING WHITING OR "KINGFISH"	200	13	-	-	-	-
MACKEREL	-	-	6,400	1,611	-	-
MEHADEN	27,900	530	-	-	-	-
MULLET	4,200	337	-	-	-	-
PIKE OR PICKEREL	5,500	1,102	-	-	-	-
SEA BASS	300	19	-	-	200	23

(CONTINUED ON NEXT PAGE)

MARYLAND - CATCH BY GEAR, 1962 - Continued

SPECIES	GILL NETS				LINES	
	ANCHOR, SET OR STAKE		DRIFT		HAND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
SEA TROUT OR WEAKFISH, GRAY	1,400	\$126	-	-	200	\$21
SHAD	932,600	120,168	446,100	\$57,503	-	-
STRIPED BASS	2,211,700	356,869	1,101,500	177,724	-	-
SUCKERS	300	-	-	-	-	-
SUNFISH	9,900	867	-	-	-	-
TUNA, BLUEFIN	-	-	-	-	400	57
WHITE PERCH	869,300	73,297	473,300	40,234	100	6
WHITING	-	-	300	10	-	-
YELLOW PERCH	40,300	3,604	8,500	779	-	-
TURTLES, SNAPPER	-	-	-	-	2,200	220
TOTAL	4,441,600	566,363	2,084,500	280,277	27,600	2,188

SPECIES	LINES - CONTINUED				DIP NETS	
	LONG OR SET WITH HOOKS		TROT WITH BAITS		POUNDS	VALUE
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
COD	366,700	\$41,530	-	-	-	-
HAKE, RED	600	15	-	-	-	-
SHARKS:						
GRAYFISH	900	84	-	-	-	-
UNCLASSIFIED	500	9	-	-	-	-
CRASS, BLUE:						
HARD	-	-	12,573,300	\$804,690	18,300	\$1,171
SOFT AND PEELER	-	-	117,900	23,580	42,400	8,680
TURTLES, SNAPPER	-	-	-	-	100	10
TOTAL	368,700	41,638	12,691,200	828,270	60,800	9,861

SPECIES	SCRAPES		DREDGES		TONGS		BY HAND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
	CRASS, BLUE:							
HARD	176,000	\$11,264	10,100	\$646	-	-	-	-
SOFT AND PEELER	3,397,900	679,580	-	-	-	-	-	-
CLAMS:								
HARD, PUBLIC	-	-	280,300	130,297	86,700	\$40,249	16,100	\$7,479
SOFT, PUBLIC	-	-	6,767,400	1,513,249	-	-	-	-
SURF	-	-	74,900	5,984	-	-	-	-
OYSTERS, MARKET:								
PUBLIC:								
SPRING	-	-	504,600	381,606	2,059,900	1,324,487	-	-
FALL	-	-	1,069,000	950,765	3,274,500	2,496,494	-	-
PRIVATE:								
SPRING	-	-	337,900	302,924	200,800	127,560	-	-
FALL	-	-	389,700	351,146	301,100	247,350	-	-
TERRAPIN	3,400	1,140	-	-	-	-	-	-
TOTAL	3,577,300	691,984	9,433,900	3,636,617	5,923,000	4,236,140	16,100	7,479



SHUCKING OYSTERS

CHESAPEAKE FISHERIES

VIRGINIA

OPERATING UNITS BY GEAR, 1962

ITEM	HAUL SEINES, COMMON	PURSE SEINES, MENHAGEN	OTTER TRAWLS, FISH	POUND NETS		FYKE AND HOOP NETS, FISH
				CRAB	FISH	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS	34	464	299	-	24	8
ON BOATS AND SHORE:						
REGULAR	363	-	2	314	712	125
CASUAL	236	-	-	155	395	76
TOTAL	653	464	301	469	1,131	209
VESSELS, MOTOR	12	29	78	-	9	3
GROSS TONNAGE	103	6,291	4,369	-	90	26
BOATS:						
MOTOR	222	58	1	376	326	110
OTHER	132	-	-	19	271	31
GEAR:						
NUMBER	170	29	79	2,787	666	515
LENGTH, YARDS	90,595	10,875	-	-	-	-
YARDS AT MOUTH	-	-	2,027	-	-	-

ITEM	POTS AND TRAPS				SLAT TRAPS	GILL NETS ANCHOR, SET OR STAKE
	CRAB	EEL	FISH	TURTLE		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS	207	11	5	-	-	30
ON BOATS AND SHORE:						
REGULAR	729	21	98	6	-	526
CASUAL	179	18	68	16	2	416
TOTAL	1,115	50	171	24	2	972
VESSELS, MOTOR	137	4	2	-	-	14
GROSS TONNAGE	1,072	33	22	-	-	97
BOATS:						
MOTOR	867	26	92	10	2	616
OTHER	7	1	17	7	-	52
GEAR:						
NUMBER	115,183	1,104	4,027	308	2	1,170
SQUARE YARDS	-	-	-	-	-	727,870

ITEM	GILL NETS- CONTINUED	LINES			OIP NETS, COMMON	SCRAPES
		DRIFT	HAND	LONG OR SET WITH HOOKS			TROT WITH BAITS
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS	89	25	3	2	-	12
ON BOATS AND SHORE:						
REGULAR	316	25	36	103	66	60
CASUAL	346	57	22	32	108	30
TOTAL	751	107	61	137	174	102
VESSELS, MOTOR	40	11	1	1	-	5
GROSS TONNAGE	437	123	13	6	-	43
BOATS:						
MOTOR	347	42	54	116	168	70
OTHER	10	14	2	-	6	-
GEAR:						
NUMBER	403	653	58	117	174	121
SQUARE YARDS	582,400	-	-	-	-	-
HOOKS OR BAITS	-	653	9,370	71,700	-	-
YARDS AT MOUTH	-	-	-	-	-	222

(CONTINUED ON NEXT PAGE)

CHESAPEAKE FISHERIES

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VIRGINIA - OPERATING UNITS BY GEAR, 1962 - Continued

ITEM	DREDGES				TONGS	
	CLAM	CRAB	OYSTER, COMMON	SCALLOP	OYSTER	OTHER
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS	13	406	517	40	381	63
ON BOATS AND SHORE:						
REGULAR	41	61	222	-	1,050	493
CASUAL	12	46	71	-	911	236
TOTAL	66	513	810	40	2,342	792
VESSELS, MOTOR	5	152	186	4	180	30
GROSS TONNAGE	51	2,750	2,419	368	1,377	232
BOATS:						
MOTOR	33	62	147	-	1,373	449
OTHER	-	-	-	-	20	47
GEAR:						
NUMBER	39	384	478	8	2,342	792
YARDS AT MOUTH	32	624	570	28	-	-

ITEM	RAKES		BY HAND		TOTAL, EXCLUSIVE OF DUPLI- CATION
	OYSTER	OTHER	OYSTER	OTHER	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS	-	6	-	-	2,144
ON BOATS AND SHORE:					
REGULAR	17	404	70	317	3,204
CASUAL	9	181	22	106	2,596
TOTAL	26	591	92	423	7,944
VESSELS, MOTOR	-	2	-	-	661
GROSS TONNAGE	-	20	-	-	17,458
BOATS:					
MOTOR	14	331	25	106	3,190
OTHER	4	53	7	27	656
GEAR, NUMBER	26	591	-	-	-

VIRGINIA - CATCH BY GEAR, 1962

SPECIES	HAUL SEINES		PURSE SEINES		OTTER TRAWLS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	1,764,400	\$33,581	-	-	6,700	\$93
BLUEFISH	114,100	14,100	-	-	41,300	4,895
BONITO	1,900	204	-	-	700	77
BOWFIN	6,200	124	-	-	-	-
BUTTERFISH	467,200	42,542	-	-	452,200	40,708
CABIO	2,200	181	-	-	300	25
CARP	192,100	6,157	-	-	-	-
CATFISH AND BULLHEADS	187,500	12,434	-	-	-	-
COO	-	-	-	-	2,300	238
CROAKER	722,400	160,536	-	-	63,800	15,420
DRUM:						
BLACK	53,000	2,076	-	-	700	52
RED	3,900	344	-	-	900	81
EELS, COMMON	16,400	2,398	-	-	-	-
FLOUNDERS:						
BLACKBACK	-	-	-	-	500	50
FLUKE	41,100	7,776	-	-	1,658,200	329,576
UNCLASSIFIED	2,600	309	-	-	7,700	855
GIZZARD SHAD	27,000	488	-	-	-	-
GROUPERS	-	-	-	-	700	70
HAKE:						
RED	-	-	-	-	4,500	147
WHITE	-	-	-	-	4,900	444
HARVESTFISH	22,000	2,133	-	-	25,700	2,461
HICKORY SHAD	1,900	93	-	-	-	-

(CONTINUED ON NEXT PAGE)

CHESAPEAKE FISHERIES

VIRGINIA - CATCH BY GEAR, 1962 - Continued

SPECIES	HAUL SEINES		PURSE SEINES		OTTER TRAWLS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
KING MACKEREL	900	\$141	-	-	-	-
KING WHITING OR "KINGFISH"	6,200	477	-	-	101,000	\$7,237
MACKEREL	-	-	-	-	5,400	1,372
MENHADEN	3,878,600	64,608	290,341,400	\$3,338,902	-	-
MULLET	19,800	1,628	-	-	9,200	810
PIG FISH	5,200	300	-	-	200	9
POLLOCK	-	-	-	-	300	17
SAND PERCH	-	-	-	-	2,000	72
SCUP OR PORGY	3,000	168	-	-	11,152,500	742,811
SEA BASS	800	120	-	-	4,033,700	646,250
SEA ROBIN	-	-	-	-	3,000	56
SEA TROUT OR WEAKFISH:						
GRAY	456,500	49,848	-	-	76,100	6,357
SPOTTED	12,300	2,555	-	-	1,400	280
SHAD	16,900	2,279	-	-	1,700	145
SHARKS, GRAYFISH	3,500	93	-	-	69,900	2,224
SPANISH MACKEREL	100	14	-	-	800	106
SPOT	896,700	84,045	-	-	2,600	171
STRIPED BASS	594,600	84,164	-	-	-	-
STURGEON	-	-	-	-	4,500	877
SUCKERS	1,900	109	-	-	-	-
SMELLFISH	51,300	1,237	-	-	105,600	2,336
TAUTOG	400	20	-	-	900	41
TILEFISH	-	-	-	-	25,500	2,730
TUNA, LITTLE	600	12	-	-	-	-
WHITE PERCH	110,300	9,298	-	-	700	19
WHITING	-	-	-	-	547,500	18,287
YELLOW PERCH	8,500	840	-	-	-	-
UNCLASSIFIED:						
FOR FOOD	6,700	582	-	-	4,400	252
BAIT, REDUCTION, AND ANIMAL FOOD	-	-	-	-	825,300	14,121
LOBSTERS, NORTHERN	-	-	-	-	18,700	8,644
CONCHS	-	-	-	-	49,900	3,838
SCALLOPS, SEA	-	-	-	-	100	37
SQUID	-	-	-	-	223,700	16,685
TERRAPIN	1,100	550	-	-	-	-
TOTAL	9,703,800	588,564	290,341,400	3,338,902	19,537,700	1,870,976

SPECIES	POUND NETS		FYKE AND HOOP NETS		POTS AND TRAPS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	21,322,900	\$416,827	1,787,600	\$33,472	-	-
AMBERJACK	600	12	-	-	-	-
BLUEFISH	363,700	44,410	-	-	-	-
BONITO	1,400	152	-	-	-	-
BUTTERFISH	607,100	55,202	2,100	190	-	-
CABIO	2,800	227	-	-	-	-
CARP	35,600	1,042	69,200	2,112	-	-
CATFISH AND BULLHEADS	161,300	10,750	752,000	50,135	1,203,900	\$80,046
CROAKER	440,800	101,309	1,200	249	-	-
DRUM:						
BLACK	271,100	11,258	-	-	-	-
RED	6,400	872	-	-	-	-
EELS, COMMON	24,700	3,690	41,900	5,820	127,500	21,220
FLOUNDERS:						
BLACKBACK	1,200	138	-	-	-	-
FLUKE	203,500	43,671	100	16	-	-
UNCLASSIFIED	4,600	552	-	-	-	-
GARFISH	200	2	-	-	-	-
GIZARD SHAD	4,300	78	40,800	702	-	-
HAKE, RED	-	-	-	-	4,000	95
HARVESTFISH	37,800	3,683	-	-	-	-
HICKORY SHAD	18,800	958	3,900	186	-	-
KING MACKEREL	7,100	1,153	-	-	-	-
KING WHITING OR "KINGFISH"	14,100	1,060	-	-	-	-
MACKEREL	10,000	2,342	-	-	-	-
MENHADEN	26,699,400	469,383	661,100	11,043	-	-
MULLET	22,700	1,967	7,000	558	-	-
PIG FISH	14,600	771	-	-	-	-
POMPANO	200	30	-	-	-	-
SCUP OR PORGY	5,300	236	-	-	-	-
SEA BASS	1,100	150	-	-	84,400	19,456
SEA TROUT OR WEAKFISH:						
GRAY	776,300	83,290	1,600	170	-	-
SPOTTED	14,600	3,020	-	-	-	-
SHAD	1,489,000	208,407	53,900	7,687	-	-

(CONTINUED ON NEXT PAGE)

CHESAPEAKE FISHERIES

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VIRGINIA - CATCH BY GEAR, 1962 - Continued

SPECIES	POUND NETS		FYKE AND HOOP NETS		POTS AND TRAPS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
SHARKS, GRAYFISH	7,900	\$235	-	-	-	-
SPADEFISH	1,000	78	-	-	-	-
SPANISH MACKEREL	13,700	1,880	-	-	-	-
SPOT	913,000	88,211	46,500	\$4,378	-	-
STRIPED BASS	361,500	52,331	220,400	31,482	-	-
STURGEON	700	175	-	-	-	-
SUCKERS	1,100	64	3,200	182	-	-
SWELLFISH	445,300	9,241	-	-	30,000	\$715
TAUTOG	700	35	-	-	-	-
TUNA, LITTLE	1,100	22	-	-	-	-
WHITE PERCH	61,900	5,205	158,000	14,021	-	-
WHITING	300	17	-	-	-	-
YELLOW PERCH	4,600	490	11,400	1,143	-	-
UNCLASSIFIED:						
FOR FOOD	33,000	2,897	1,000	85	700	70
BAIT, REDUCTION, AND ANIMAL FOOD	14,300	350	-	-	-	-
CRAB, BLUE:						
HARD	192,000	8,897	-	-	36,855,200	1,746,446
SOFT	777,100	249,384	-	-	271,600	84,905
LOBSTERS, NORTHERN	-	-	-	-	3,000	1,200
CONCHS	-	-	-	-	78,000	6,005
TERRAPIN	100	26	2,600	677	-	-
TURTLES:						
LOGGERHEAD	600	6	-	-	-	-
SNAPPER	-	-	1,700	246	73,500	10,460
TOTAL	57,393,100	1,885,886	3,867,300	164,579	38,731,800	1,970,618

SPECIES	SLAT TRAPS		GILL NETS			
			ANCHOR, SET OR STAKE		DRIFT	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	113,000	\$2,217	162,500	\$3,144	142,700	\$2,827
BLUEFISH	-	-	3,000	363	1,800	175
CARP	-	-	20,700	586	14,100	270
CATFISH AND BULLHEADS	-	-	29,600	1,967	-	-
CROAKER	-	-	21,100	5,253	43,100	10,715
GIZZARD SHAD	300	6	1,200	20	-	-
HICKORY SHAD	100	5	6,800	394	12,700	600
KING WHITING OR "KINGFISH"	-	-	-	-	100	10
MACKEREL	-	-	-	-	106,100	25,286
MENHADEN	-	-	13,700	169	-	-
MULLET	400	40	16,700	1,392	26,900	2,144
SEA TROUT OR WEAKFISH:						
GRAY	-	-	43,600	4,788	120,000	12,615
SPOTTED	-	-	100	20	-	-
SHAD	-	-	421,000	60,010	237,700	33,039
SHARKS, GRAYFISH	-	-	-	-	285,300	11,190
SPOT	-	-	234,100	22,275	241,300	22,688
STRIPED BASS	-	-	609,800	88,460	138,800	20,152
SUCKERS	-	-	200	12	-	-
WHITE PERCH	-	-	76,200	7,047	42,800	3,418
WHITING	-	-	-	-	100	2
YELLOW PERCH	-	-	3,000	304	-	-
UNCLASSIFIED:						
FOR FOOD	-	-	800	68	200	13
BAIT, REDUCTION, AND ANIMAL FOOD	-	-	-	-	16,800	259
TOTAL	113,800	2,268	1,664,100	196,272	1,430,500	145,403

SPECIES	LINES					
	HAND		LONG OR SET WITH HOOKS		TROT WITH BAITS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUEFISH	200	\$40	-	-	-	-
BONITO	200	20	-	-	-	-
CABIO	16,000	657	-	-	-	-
CATFISH AND BULLHEADS	-	-	97,900	\$6,541	-	-
COD	-	-	36,400	4,105	-	-
CROAKER	1,300	295	-	-	-	-
DRUM:						
BLACK	51,200	3,370	-	-	-	-
RED	1,700	120	-	-	-	-

(CONTINUED ON NEXT PAGE)

CHESAPEAKE FISHERIES

VIRGINIA - CATCH BY GEAR, 1962 - Continued

SPECIES	LINES					
	HAND		LONG OR SET WITH HOOKS		TROT WITH BAITS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
EELS, COMMON.	-	-	1,600	\$245	-	-
FLOUNDERS, FLUKE.	5,400	\$1,114	-	-	-	-
KING WHITING OR "KINGFISH".	4,300	343	-	-	-	-
SCUP OR PORGY	100	4	-	-	-	-
SEA BASS.	6,800	1,079	-	-	-	-
SEA TROUT OR WEAKFISH, GRAY.	15,100	2,241	-	-	-	-
SPOT.	13,500	2,339	-	-	-	-
STRIPED BASS.	-	-	18,900	2,830	-	-
UNCLASSIFIED, FOR FOOD.	200	15	-	-	-	-
CRABS, BLUE:						
HARD.	-	-	-	-	3,564,100	\$168,080
SOFT.	-	-	-	-	28,600	9,970
TURTLES, SNAPPER.	65,600	9,373	4,400	625	-	-
TOTAL	181,600	21,010	159,400	14,346	3,592,700	178,050

SPECIES	DIP NETS		SCRAPES		DREDGES	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
	FLOUNDERS, FLUKE.	-	-	-	-	5,600	$930
CRABS, BLUE:						
HARD.	26,900	\$1,255	-	-	13,032,800	597,907
SOFT.	36,900	12,526	204,300	\$63,398	-	-
LOBSTERS, NORTHERN.	-	-	-	-	900	430
CLAMS, HARD:						
PUBLIC.	-	-	-	-	173,600	84,116
PRIVATE.	-	-	-	-	81,700	39,359
CONCHS.	-	-	-	-	246,600	18,003
OYSTERS, MARKET, PRIVATE:						
SPRING.	-	-	-	-	4,392,000	3,635,122
FALL.	-	-	-	-	5,283,900	4,377,712
SCALLOPS, SEA.	-	-	-	-	95,000	32,500
TERRAPIN.	3,900	1,050	-	-	-	-
TOTAL	67,700	14,831	204,300	63,398	23,312,100	8,786,079

SPECIES	TONGS		RAKES		BY HAND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
	CRABS, BLUE, SOFT	-	-	-	-	28,800	$8,636
CLAMS:						
HARD:						
PUBLIC.	1,045,100	\$500,076	94,900	\$46,188	-	-
PRIVATE.	236,700	115,522	55,600	26,650	-	-
SOFT, PUBLIC.	-	-	-	-	2,700	900
CONCHS.	-	-	-	-	8,200	600
OYSTERS, MARKET:						
PUBLIC:						
SPRING.	561,800	461,868	10,400	8,528	10,400	8,528
FALL.	824,000	685,172	12,200	10,004	12,200	10,004
PRIVATE:						
SPRING.	329,600	274,537	-	-	10,400	8,528
FALL.	340,900	283,862	-	-	12,200	10,004
TERRAPIN.	-	-	-	-	1,400	338
TOTAL	3,340,100	2,321,037	173,100	91,370	86,300	47,538



CHESAPEAKE FISHERIES

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CHESAPEAKE STATES - CATCH BY WATERS, 1962

SPECIES	MARYLAND				VIRGINIA	
	OCEAN 1/		CHESAPEAKE BAY		OCEAN 1/	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	300	\$5	2,378,100	\$29,097	6,700	\$93
BLUEFISH	11,900	845	51,600	6,324	45,000	5,278
BONITO	700	67	400	48	900	97
BUTTERFISH	150,100	5,713	1,500	90	452,400	40,725
CABIO	-	-	-	-	300	25
CARP	-	-	401,100	10,394	-	-
CATFISH AND BULLHEADS	-	-	292,200	19,579	-	-
COD	374,700	42,357	-	-	38,700	4,343
CRAPPIE	-	-	3,300	204	-	-
CROAKER	-	-	11,100	3,014	65,600	15,813
DRUM:						
BLACK	300	20	11,500	578	36,600	2,435
RED	-	-	-	-	1,600	141
EELS, COMMON	800	22	113,300	7,979	5,000	500
FLOUNDERS:						
BLACKBACK	-	-	6,500	414	1,400	143
FLUKE	705,700	156,024	9,300	1,258	1,695,700	337,211
UNCLASSIFIED	-	-	6,900	511	7,700	855
GIZZARD SHAD	-	-	22,900	860	-	-
GROUPERS	-	-	-	-	700	70
HAKE:						
RED	47,200	620	-	-	8,500	242
WHITE	100	3	-	-	4,900	444
HARVESTFISH	-	-	-	-	25,700	2,461
HERRING, SEA	11,900	265	-	-	-	-
HICKORY SHAD	-	-	7,000	467	-	-
HOGCHOKER	-	-	13,400	269	-	-
KING WHITING OR "KINGFISH"	35,300	2,338	-	-	104,700	7,539
MACKEREL	7,200	1,747	500	79	111,500	26,658
MENHADEN	-	-	4,316,100	76,525	60,829,100	700,328
MULLET	4,200	337	-	-	16,400	1,485
PIGFISH	100	4	-	-	3,700	166
PIKE OR PICKEREL	-	-	7,300	1,460	-	-
POLLOCK	-	-	-	-	300	17
SAND PERCH	-	-	-	-	2,000	72
SCUP OR PORGY	101,900	5,167	-	-	11,156,900	742,986
SEA BASS	339,100	29,049	300	19	4,124,900	666,785
SEA ROBIN	-	-	-	-	3,000	56
SEA TROUT OR WEAKFISH:						
GRAY	189,200	8,113	4,100	395	105,000	9,726
SPOTTED	-	-	-	-	1,500	300
SHAD	-	-	1,575,400	202,996	3,900	442
SHARKS:						
GRAYFISH	38,400	1,512	-	-	356,700	13,474
UNCLASSIFIED	75,100	2,036	-	-	-	-
SKATES	3,600	18	-	-	-	-
SPANISH MACKEREL	-	-	-	-	800	106
SPOT	1,000	26	25,900	3,284	93,400	10,327
STRIPE BASS	600	85	3,976,300	641,675	17,500	1,741
STURGEON	8,400	1,476	-	-	4,500	877
SUCKERS	-	-	500	16	-	-
SUNFISH	-	-	22,000	1,927	-	-
SWELLFISH	21,500	429	709,900	16,728	233,400	4,934
TAUOG	9,000	116	-	-	900	41
TILEFISH	100	3	-	-	25,500	2,730
TUNA, BLUEFIN	400	57	-	-	-	-
WHITE PERCH	400	27	1,996,900	169,144	700	19
WHITING	168,000	4,292	-	-	547,900	18,306
YELLOW PERCH	-	-	132,500	12,467	-	-
UNCLASSIFIED:						
FOR FOOD	500	37	-	-	10,400	814
BAIT, REDUCTION, AND ANIMAL FOOD	2,111,100	12,756	-	-	844,400	14,430
CRABS, BLUE:						
HARD	214,900	13,754	27,446,200	1,756,553	5,365,900	248,464
SOFT AND PEELER	4,700	940	3,887,300	777,680	135,500	39,268
LOSSTERS, NORTHERN	1,500	604	-	-	22,600	10,274
CLAMS:						
HARD:						
PUBLIC	372,900	173,559	10,200	4,466	743,200	356,645
PRIVATE	-	-	-	-	153,400	73,875
SOFT, PUBLIC	-	-	6,767,400	1,513,249	-	-
SURF	74,900	5,984	-	-	-	-
CONCHS	28,600	2,922	-	-	66,000	5,031
OYSTERS, MARKET:						
PUBLIC:						
SPRING	-	-	2,564,500	1,706,093	27,900	22,878
FALL	-	-	4,343,500	3,447,259	30,300	24,846
PRIVATE:						
SPRING	127,100	168,468	411,600	262,016	906,700	743,494
FALL	104,200	141,360	586,600	457,136	1,445,400	1,185,222

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

CHESAPEAKE FISHERIES

CHESAPEAKE STATES - CATCH BY WATERS, 1962 - Continued

SPECIES	MARYLAND				VIRGINIA	
	OCEAN 1/		CHESAPEAKE BAY		OCEAN 1/	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
SCALLOPS, SEA	-	-	-	-	95, 100	\$32, 537
SQUID	30, 600	\$2, 123	-	-	223, 700	16, 685
TERRAPIN	-	-	4, 000	\$1, 340	1, 100	550
TURTLES, SNAPPER	-	-	74, 500	7, 450	3, 100	450
TOTAL	5, 378, 200	785, 282	62, 195, 500	11, 141, 043	90, 221, 300	5, 395, 454
SPECIES	VIRGINIA - CONTINUED		TOTAL			
	CHESAPEAKE BAY		OCEAN 1/		CHESAPEAKE BAY	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	25, 293, 100	\$492, 068	7, 000	\$98	27, 671, 200	\$521, 165
AMBERJACK	600	12	-	-	600	12
BLUEFISH	479, 100	58, 705	56, 900	6, 123	530, 700	65, 029
SONITO	3, 300	356	1, 600	164	3, 700	404
BOWFIN	6, 200	124	-	-	6, 200	124
BUTTERFISH	1, 076, 200	97, 517	602, 500	46, 438	1, 077, 700	98, 007
CABIO	21, 000	1, 085	-	25	21, 000	1, 065
CARP	331, 700	10, 167	-	-	732, 800	20, 561
CATFISH AND BULLHEADS	2, 432, 200	161, 873	-	-	2, 724, 400	161, 452
COD	-	-	413, 400	46, 700	-	-
CROPPIE	-	-	-	-	3, 300	204
CROAKER	1, 228, 100	277, 964	65, 600	15, 813	1, 239, 200	280, 978
DRUM:						
BLACK	339, 400	14, 321	36, 900	2, 455	350, 900	14, 899
RED	11, 300	976	1, 600	141	11, 300	976
EELS, COMMON	207, 300	32, 873	5, 600	522	320, 600	40, 852
FLOUNDERS:						
BLACKBACK	300	45	1, 400	143	6, 800	459
FLUKE	218, 200	45, 872	2, 401, 400	493, 235	227, 500	47, 130
UNCLASSIFIED	7, 200	861	7, 700	855	14, 100	1, 372
GARFISH	200	2	-	-	200	2
GIZZARD SHAD	73, 600	1, 294	-	-	96, 500	2, 154
GROUPERS	-	-	700	70	-	-
HAKES:						
RED	-	-	55, 700	862	-	-
WHITE	-	-	5, 000	447	-	-
HARVESTFISH	59, 800	5, 816	25, 700	2, 461	59, 800	5, 816
HERRING, SEA	-	-	11, 900	265	-	-
HICKORY SHAD	44, 200	2, 236	-	-	51, 200	2, 703
HOGCHOKER	8, 000	-	-	-	13, 400	269
KING MACKEREL	1, 294	1, 294	-	-	8, 000	1, 294
KING WHITING OR "KINGFISH"	21, 000	1, 588	140, 000	9, 877	21, 000	1, 588
MACKEREL	10, 000	2, 342	118, 700	28, 405	10, 500	2, 421
MENHADEN	262, 765, 100	3, 183, 777	60, 829, 100	700, 328	267, 061, 200	3, 260, 302
MULLET	86, 300	7, 054	20, 600	1, 822	86, 300	7, 054
PIGFISH	16, 300	914	3, 800	170	16, 300	914
PIKE OR PICKEREL	-	-	-	-	7, 300	1, 460
POLLOCK	-	-	300	17	-	-
POMPANO	200	30	-	-	200	30
SAND PERCH	-	-	2, 000	72	-	-
SCUP OR PORGY	4, 000	233	11, 258, 800	748, 153	4, 000	233
SEA BASS	1, 900	270	4, 464, 000	695, 834	2, 200	289
SEA ROBIN	-	-	3, 000	56	-	-
SEA TROUT OR WEAFFISH:						
GRAY	1, 384, 200	149, 583	294, 200	17, 839	1, 388, 300	149, 978
SPOTTED	26, 900	5, 575	1, 500	300	26, 900	5, 575
SHAD	2, 216, 300	311, 125	3, 900	442	3, 791, 700	514, 121
SHARKS:						
GRAYFISH	9, 900	268	395, 100	14, 986	9, 900	268
UNCLASSIFIED	-	-	75, 100	2, 036	-	-
SKATES	-	-	3, 600	18	-	-
SPADEFISH	1, 000	78	-	-	1, 000	78
SPANISH MACKEREL	13, 800	1, 894	800	106	13, 800	1, 894
SPOT	2, 251, 300	213, 780	99, 400	10, 353	2, 277, 200	217, 064
STRIPED BASS	1, 926, 500	277, 678	18, 100	1, 826	5, 904, 800	919, 353
STURGEON	800	200	12, 900	2, 353	600	200
SUCKERS	6, 400	387	-	-	6, 300	383
SUNFISH	-	-	-	-	22, 000	1, 927
SWELLFISH	396, 800	8, 595	254, 900	5, 363	1, 108, 600	25, 323
TAUOG	1, 100	55	9, 900	159	1, 100	55
TILEFISH	-	-	25, 600	2, 733	-	-
TUNA:						
BLUEFIN	-	-	400	57	-	-
LITTLE	1, 700	34	-	-	1, 700	34
WHITE PERCH	449, 200	38, 989	1, 100	46	2, 446, 100	208, 133

SEE FOOTNOTE AT END OF TABLE.

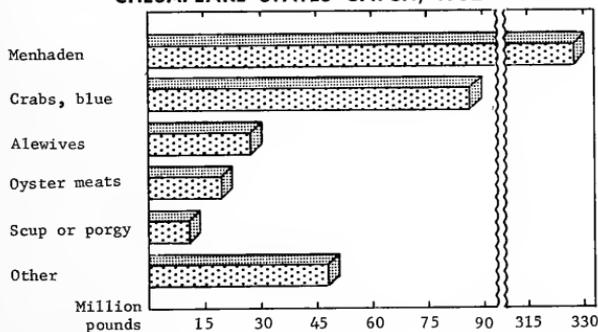
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CHESAPEAKE STATES - CATCH BY WATERS, 1962 - Continued

SPECIES	VIRGINIA - CONTINUED		TOTAL			
	CHESAPEAKE BAY		OCEAN 1/		CHESAPEAKE BAY	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
WHITING	-	-	715,900	\$22,598	-	-
YELLOW PERCH	27,500	\$2,777	-	-	160,000	\$15,244
UNCLASSIFIED:						
FOR FOOD	36,600	3,168	10,900	851	36,600	3,168
BAIT, REDUCTION, AND ANIMAL FOOD	12,000	300	2,955,500	27,186	12,000	300
CRABS, BLUE:						
HARD	48,305,100	2,274,121	5,580,800	262,218	75,751,300	4,030,674
SOFT AND PEELER	1,211,800	389,551	140,200	40,208	5,099,100	1,167,231
LOBSTERS, NORTHERN	-	-	24,100	10,878	-	-
CLAMS:						
HARD:						
PUBLIC	570,400	273,735	1,116,100	530,204	580,600	278,201
PRIVATE	222,600	107,656	153,400	73,875	222,600	107,656
SOFT, PUBLIC	2,700	900	-	-	6,770,100	1,514,149
SURF	-	-	74,900	5,984	-	-
CONCHS	316,700	23,415	94,600	7,953	316,700	23,415
OYSTERS, MARKET:						
PUBLIC:						
SPRING	554,700	456,046	27,900	22,878	3,119,200	2,162,139
FALL	818,100	680,334	30,300	24,846	5,161,600	4,127,593
PRIVATE:						
SPRING	3,825,300	3,174,693	1,033,600	911,962	4,236,900	3,436,709
FALL	4,191,600	3,486,356	1,549,600	1,326,582	4,778,200	3,943,492
SCALLOPS, SEA	-	-	95,100	32,537	-	-
SQUID	-	-	254,300	18,808	-	-
TERRAPIN	8,000	2,091	1,100	550	12,000	3,431
TURTLES:						
LOGGERHEAD	600	6	-	-	600	6
SNAPPER	142,100	20,254	3,100	450	216,600	27,704
TOTAL	363,679,500	16,305,673	95,599,500	6,180,736	425,875,000	27,446,716

1/ INCLUDES BAYS AND CREEKS, EXCLUSIVE OF CHESAPEAKE BAY, WHICH DRAIN INTO THE ATLANTIC OCEAN.

CHESAPEAKE STATES CATCH, 1962



CHESAPEAKE FISHERIES

POTOMAC RIVER SHAD AND ALEWIFE FISHERY

The 1962 shad catch in the Potomac River amounted to 93,687 fish weighing 263,000 pounds and valued at \$37,139 to the fishermen. This was a gain of 125 percent in number, 133 percent in poundage, and 121 percent in value compared with the previous year. The catch was the largest since 1957 but was less than one-fourth the 1952 production.

In 1962, the Potomac River catch of alewives totaled 25.6 million fish weighing 11 million pounds and valued at \$217,340. Compared with 1961, this was a gain of 76 percent in number, 77 percent in poundage, and 103 percent in value.

There were 457 fishermen engaged in the Potomac River shad and alewife fisheries during 1962, compared with 543 in the previous year. Statistics on the catch and operating units of these fisheries are included in catch and operating unit data for Maryland and Virginia.



SUMMARY OF OPERATING UNITS AND CATCH, 1962

ITEM	MARYLAND ^{1/}			VIRGINIA			TOTAL		
	NUMBER	POUNDS	VALUE	NUMBER	POUNDS	VALUE	NUMBER	POUNDS	VALUE
OPERATING UNITS									
FISHERMEN, ON BOATS AND SHORE:									
REGULAR	95			175			270		
CASUAL	113			74			187		
TOTAL	208			249			457		
BOATS:									
MOTOR	126			94			220		
OTHER	22			42			64		
GEAR:									
HAUL SEINES, COMMON LENGTH, YARDS	1			5			6		
POUND NETS	500			2,300			2,800		
FYKE AND HOOP NETS	1			120			121		
GILL NETS:									
ANCHOR, SET OR STAKE	197			131			328		
SQUARE YARDS	150,800			87,600			238,400		
DRIFT	1			5			6		
SQUARE YARDS	1,000			7,000			8,000		
CATCH									
	NUMBER	POUNDS	VALUE	NUMBER	POUNDS	VALUE	NUMBER	POUNDS	VALUE
SHAD:									
HAUL SEINES	-	-	-	760	2,000	\$277	760	2,000	\$277
POUND NETS	-	-	-	38,210	104,800	14,570	38,210	104,800	14,570
FYKE AND HOOP NETS	-	-	-	1,207	3,200	445	1,207	3,200	445
GILL NETS:									
ANCHOR, SET OR STAKE	23,786	66,800	\$10,049	26,655	77,300	10,525	50,441	144,100	20,574
DRIFT	35	100	13	3,034	8,800	1,260	3,069	8,900	1,273
TOTAL	23,821	66,900	10,062	69,886	196,100	27,077	93,687	263,000	37,139
ALEWIVES:									
HAUL SEINES	698	300	4	44,420	19,100	365	45,118	19,400	369
POUND NETS	698	300	4	25,220,000	10,844,200	214,075	25,220,698	10,844,500	214,079
FYKE AND HOOP NETS	232	100	2	290,000	124,700	2,435	290,232	124,800	2,437
GILL NETS, ANCHOR, SET OR STAKE	17,442	7,500	122	40,465	17,400	333	57,907	24,900	455
TOTAL	19,070	8,200	132	25,594,885	11,005,400	217,208	25,613,955	11,013,600	217,340

^{1/} MARYLAND DATA INCLUDE THE OPERATING UNITS AND CATCH OF UNLICENSED GILL NETS UNDER 100 YARDS IN LENGTH.

SECTION 5 - SOUTH ATLANTIC FISHERIES

The 1962 commercial catch of fish and shellfish landed at ports of the South Atlantic States (North Carolina, South Carolina, Georgia, and the East Coast of Florida) and the commercial catch from the inland lakes of Florida were 305 million pounds valued at \$23 million. Compared with the previous year, this was a decrease of 97 million pounds (24 percent) due principally to a poor menhaden season in North Carolina. The dockside value of the landings established a new record and was \$3.5 million (18 percent) greater than that of 1961. Excellent shrimp catches coupled with record high ex-vessel prices accounted for much of the increase in value. Both volume and value of landings were up in all States except North Carolina. Despite a decrease of about 104 million pounds in landings, North Carolina continued as the major producer among the South Atlantic States, accounting for approximately 60 percent of the total volume of landings. With the exception of menhaden, most of the major fisheries had a fairly prosperous year.

Fishermen and vessels. There were 12,509 commercial fishermen in the South Atlantic area--nearly the same as the previous year, when 12,694 were engaged in the commercial fisheries. Vessels of 5 net tons and over operating in the various fisheries totaled 1,141--a decrease of 44 from the previous year. No major changes were noted in modification of existing gear or development of new gear. Scallop trawls, which were used briefly in the calico scallop fishery in North Carolina waters during 1961, were not used during 1962. There was no further expansion of the use of pots for catching sea bass.

Processing. Processing plants of the South Atlantic area continued to produce a wide variety of seafood products. Value of the processed items during 1962 was \$45.4 million--an increase of \$1 million over the previous year. There were 437 firms employing over 8,000 workers at the peak of operations during 1962. Automation made some inroads, particularly in South Carolina, where the sole oyster cannery installed a shucking machine and a crab meat cannery installed a mechanical picking machine. A firm in the same State announced perfection of a shrimp deheading machine capable of deheading 2,500 pounds of shrimp per hour. It was understood that smaller versions of the machine would be available for installation aboard trawlers.

Shrimp. Landings of about 26 million pounds of shrimp, heads-on weight, were 6.3 million pounds more than 1961. While this was a substantial increase, the poundage was far below the record year of 1945, when 43.6 million pounds of shrimp were landed at South Atlantic ports. North Carolina landings increased 2.8 million pounds; South Carolina, 2.6; and Georgia, 1.8 million pounds. East Coast of Florida landings were 800,000 pounds below those of 1961. Excellent market conditions prevailed for shrimp throughout most of the year, and ex-vessel prices were at record levels. As a result, the \$11.3 million value for shrimp landed established a new record for the area. About 22 Georgia and Florida vessels fished the deep waters off the coast of Florida for royal red shrimp during the season when shrimp were scarce in inshore waters. Total landings were 164,000 pounds, heads-on weight. A few "Danish" lobsters (Genera nephropsis) were taken while fishing for royal red shrimp.

Menhaden. Menhaden landings at North Carolina ports during 1962 were the lowest since 1951. For the second successive year, adverse weather conditions during November and December greatly restricted fishing activities. Landings for these 2 months were 59.1 million pounds compared with the 5-year average (1957-1961) of about 140 million pounds for the same period. Landings of 34.3 million pounds at East Coast of Florida ports were approximately 1.3 million pounds greater than in 1961. There were no menhaden landed at Georgia or South Carolina ports. The use of power blocks aboard craft in the North Carolina menhaden fishery



SOUTH ATLANTIC FISHERIES

resulted in a reduction in the number of crewmen, particularly on the larger vessels. The average value, producers' level, for menhaden meal and scrap was \$125 per ton--an increase of \$10 per ton over 1961. Solubles averaged \$60 per ton during 1962, up \$10 from 1961. Despite a firming of the market during the last quarter of the year, the average value for menhaden oil was only 32 cents per gallon--about 3 cents below the 1961 average.

Oysters. Oyster producers found ready markets for their production as a result of the continued scarcity of oysters in the Chesapeake area. Production from local areas, however, proved insufficient to meet the demand, and oysters were again trucked in from the Gulf States. Increased landings at South Carolina ports compensated for decreases in landings in each of the other States. Total production for the South Atlantic States was 134,000 pounds of meats below that of the previous year.

Crabs. Despite a decline of 1.5 million pounds in total landings, the crab fishery experienced a fairly good year. Landings at South Carolina ports were the second highest recorded in the history of the fishery. Deliveries to Georgia and East Coast of Florida ports were at nearly the same level as the previous year, but North Carolina receipts were 23 percent below those of 1961. The market for crab meat was good throughout the year, but most North Carolina processors were unable to take full advantage of the good market conditions because of a low meat yield. Soft-shell crab production, concentrated in North Carolina, was slightly below the 1961 level as a result of cold weather during the peak production period.

Hard clams. Landings of hard clams were 51 percent below those of 1961. In this fishery in North Carolina waters, offshore clams were not found in sufficient quantities to justify outfitting. Much of the decrease in landings of inshore clams, in both North and South Carolina, was attributed to reduced fishing effort.

Finfish. Total landings of finfish for human consumption were 69 million pounds--1 million pounds below landings of the previous year. Fresh-water catfish was the most important species of food finfish, accounting for about 20 percent of the volume and approximately one-third of the value of the total area landings. Landings of alewives, bluefish, flounder, king mackerel, sea bass, and shad were at higher levels than the previous year; while king whiting, mullet, sea trout (gray and spotted), red snapper, Spanish mackerel, and spot were down.

Further information. Condensed summary data on the operating units and catch of the South Atlantic section appearing on the following pages have been previously published in Current Fishery Statistics No. 3316. Seasonal variation in the catch of fish and shellfish in North Carolina, South Carolina, Georgia, and Florida can be ascertained from the 1962 monthly and annual landing bulletins issued for each of these four States in cooperation with the fishery agency in each State. Additional data on many aspects of the South Atlantic fisheries may be found in the daily, monthly, and annual reports published by the Hampton, Va. Fishery Market News Office of the Bureau.

The Bureau of Commercial Fisheries continued its research and service programs on the major fisheries of the South Atlantic States. Specific and detailed accomplishments of each of the branches are contained in Report of the Bureau of Commercial Fisheries, Calendar Year 1962, and Operations of the Bureau of Commercial Fisheries Under the Saltonstall-Kennedy Act, Fiscal Year 1962.

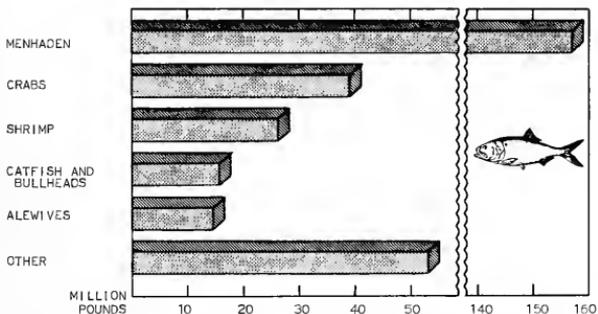


SOUTH ATLANTIC FISHERIES

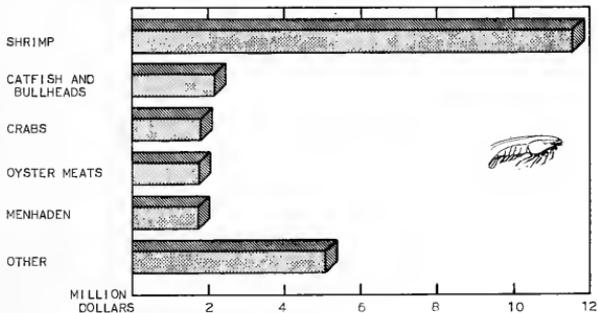
Acknowledgements. The Bureau acknowledges the assistance of the following organizations in the collection of the data appearing in this section: The North Carolina Department of Conservation and Development, Division of Commercial Fisheries; South Carolina Wildlife Resources Department, Division of Commercial Fisheries; Georgia Game and Fish Commission, Coastal Fisheries Division; Florida State Board of Conservation; and Marine Laboratory, University of Miami.



SOUTH ATLANTIC STATES CATCH, 1962



VALUE OF SOUTH ATLANTIC STATES CATCH, 1962



SOUTH ATLANTIC FISHERIES



SOUTH ATLANTIC FISHERIES

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SECTIONAL SUMMARIES

SUMMARY OF CATCH, 1962

(MILLIONS OF POUNDS AND MILLIONS OF DOLLARS)

STATE	FISH		SHELLFISH, ETC.		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
NORTH CAROLINA	163	3	19	4	182	7
SOUTH CAROLINA	7	1	16	4	23	5
GEORGIA	1	(1)	21	4	22	4
FLORIDA, EAST COAST	64	4	14	3	78	7
TOTAL	235	8	70	15	305	23

1/ LESS THAN \$500,000.

NOTE:--THE CATCH FOR THE INLAND LAKES OF FLORIDA IS INCLUDED WITH THE CATCH FOR THE EAST COAST OF FLORIDA. FOR THE PURPOSE OF THIS REPORT THE "EAST COAST OF FLORIDA" INCLUDES THE COASTAL COUNTIES FROM NASSAU TO OAOE, INCLUSIVE.

SUMMARY OF OPERATING UNITS, 1962

ITEM	NORTH CAROLINA	SOUTH CAROLINA	GEORGIA	FLORIDA, EAST COAST	TOTAL, EXCLUSIVE OF DUPLICATION
	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>
FISHERMEN:					
ON VESSELS	1,886	500	662	1,011	3,409
ON BOATS AND SHORE:					
REGULAR	2,549	862	511	1,574	5,496
CASUAL	1,527	771	874	432	3,604
TOTAL	5,962	2,133	2,047	3,017	12,509
VESSELS, MOTOR	458	242	325	429	1,411
GROSS TONNAGE	20,506	6,229	9,452	15,602	41,427
BOATS:					
MOTOR	2,157	993	1,014	1,657	5,821
OTHER	894	81	44	21	1,040
GEAR:					
HAUL SEINES:					
COMMON	74	18	3	22	117
LENGTH, YARDS	20,885	3,740	450	9,180	34,255
LONG	47	-	-	-	47
LENGTH, YARDS	67,150	-	-	-	67,150
PURSE SEINES:					
MENHADEN	49	-	-	3	52
LENGTH, YARDS	19,600	-	-	1,200	20,800
OTHER	3	-	-	-	3
LENGTH, YARDS	1,200	-	-	-	1,200
BAG NETS	20	-	-	-	20
YARDS AT MOUTH	500	-	-	-	500
OTTER TRAWLS:					
CRAB	212	24	60	-	296
YARDS AT MOUTH	3,230	417	928	-	4,575
FISH	86	3	-	1	89
YARDS AT MOUTH	2,053	96	-	30	2,149
SHRIMP	871	551	819	789	2,513
YARDS AT MOUTH	14,642	9,708	10,045	11,400	37,696
POUND NETS, FISH	737	-	-	8	745
FYKE AND HOOP NETS, FISH	130	-	-	200	330
POTS AND TRAPS:					
CRAB	18,600	7,655	9,360	14,930	50,545
EEL	510	-	-	-	510
FISH	4,124	3,211	513	8,480	16,328
LOBSTER	-	-	200	16,140	16,340
TURTLE	75	-	-	-	75
GILL NETS:					
ANCHOR, SET OR STAKE	2,883	309	248	20	3,460
SQUARE YARDS	938,570	42,883	63,600	18,000	1,063,053
ORIFT:					
SHAO	186	111	382	42	721
SQUARE YARDS	74,400	14,936	191,955	44,400	325,691
OTHER	45	-	-	19	64
SQUARE YARDS	49,760	-	-	19,950	69,710
RUNAROUND	207	-	-	312	519
SQUARE YARDS	166,320	-	-	606,600	772,920
TRAMMEL NETS	-	-	-	18	18
SQUARE YARDS	-	-	-	24,600	24,600

SEE NOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

SOUTH ATLANTIC FISHERIES

SUMMARY OF OPERATING UNITS, 1962 - Continued

ITEM	NORTH CAROLINA	SOUTH CAROLINA	GEORGIA	FLORIDA, EAST COAST	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
GEAR - CONTINUED:					
LINES:					
HAND	20	32	22	629	703
HOOKS	40	64	44	930	1,078
TROLL	-	-	-	399	399
HOOKS	-	-	-	399	399
LONG OR SET WITH HOOKS	9	11	579	602	1,201
HOOKS	1,800	2,800	28,950	631,900	665,450
TROT WITH BAITS	361	143	3	1	508
BAITS	543,900	99,750	2,150	600	646,400
DIP NETS:					
COMMON	200	-	-	-	200
DROP	-	-	2,325	-	2,325
CAST NETS	-	27	3	33	63
SPEARS	108	13	-	3	124
DREDGES:					
CLAM	16	-	-	-	16
YARDS AT MOUTH	21	-	-	-	21
OYSTER, COMMON	209	-	-	-	209
YARDS AT MOUTH	292	-	-	-	292
SCALLOP	50	-	-	2	52
YARDS AT MOUTH	50	-	-	7	57
TONGS	77	-	-	4	81
GRASS	-	193	49	-	242
RAKES	239	34	-	-	273

NOTE:--THE OPERATING UNITS FOR THE INLAND LAKES OF FLORIDA ARE INCLUDED WITH THE DATA FOR THE EAST COAST OF FLORIDA.

CATCH BY STATES, 1962

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	NORTH CAROLINA		SOUTH CAROLINA		GEORGIA	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
FISH						
ALEWIVES	14,302	143	-	-	-	-
BLUEFISH	955	118	5	1	-	-
BOWFIN	-	-	-	-	6	1
BUTTERFISH	159	16	-	-	-	-
CABIO	20	1	-	-	-	-
CARP	117	4	(1)	(1)	(1)	(1)
CATFISH AND BULLHEADS	1,061	85	352	32	128	18
CROAKER	1,663	146	33	1	1	(1)
DRUM:						
BLACK	143	9	2	(1)	-	-
RED	61	5	-	-	-	-
EELS, COMMON	43	2	-	-	(1)	(1)
FLOUNDERS	1,676	227	133	27	(1)	(1)
GROUPERS	1	(1)	-	-	(1)	(1)
GRUNTS	2	1	21	1	-	-
HARVESTFISH	17	1	-	-	-	-
HICKORY SHAD	172	9	1	(1)	2	(1)
KING MACKEREL	49	10	3	(1)	1	(1)
KING WHITING OR "KINGFISH"	1,252	121	296	36	166	13
MACKEREL	22	5	-	-	-	-
MEMPHANEN	122,096	1,364	-	-	-	-
MULLET	2,205	161	2,480	223	1	(1)
PIGFISH	168	10	-	-	-	-
PIKE OR PICKEREL	1	(1)	-	-	-	-
POMPANO	6	2	52	20	-	-
SAND PERCH	11	(1)	-	-	-	-
SCUP OR PORGY	293	23	18	1	-	-
SEA BASS	1,287	147	268	43	(1)	(1)
SEA TROUT OR WEAKFISH:						
GRAY	2,160	150	11	(1)	-	-
SPOTTED	205	61	27	6	1	(1)
SHAD	765	191	115	32	527	132
SHARKS, UNCLASSIFIED	3	(1)	34	3	-	-
SHEEPSHEAD, SALT-WATER	6	1	2	(1)	-	-
SNAPPER:						
RED	2	1	7	2	1	(1)
VERMILION	-	-	46	2	-	-
UNCLASSIFIED	-	-	-	-	1	(1)
SPADEFISH	3	(1)	-	-	-	-
SPANISH MACKEREL	83	12	13	2	(1)	(1)

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

SOUTH ATLANTIC FISHERIES

CATCH BY STATES, 1962 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	FLORIDA, EAST COAST		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE
FISH - CONTINUED				
PIKE OR PICKEREL	-	-	1	(1)
POMPANO	211	151	269	173
SAND PERCH	-	-	11	(1)
SCUP OR PORGY	18	1	329	25
SEA BASS	46	5	1,601	195
SEA CATFISH	22	2	22	2
SEA TROUT OR WEAKFISH:				
GRAY	26	3	2,197	153
SPOTTED	756	184	969	251
SHAD	760	81	2,167	436
SHARKS, UNCLASSIFIED	-	-	37	3
SHEEPSHEAD, SALT-WATER	66	5	74	6
SNAPPER:				
MANGROVE	66	12	66	12
MUTTON	62	14	62	14
RED	640	191	650	194
VERMILION	6	1	54	3
YELLOWTAIL	88	22	88	22
UNCLASSIFIED	-	-	1	(1)
SPADEFISH	-	-	3	(1)
SPANISH MACKEREL	2,578	242	2,674	256
SPOT	704	85	5,061	352
STRIPED BASS	-	-	747	120
STURGEON	(1)	(1)	91	13
SUCKERS	-	-	303	9
SWELLFISH	-	-	17	(1)
TEMPONDER	17	(1)	(1)	(1)
TILEFISH	-	-	11	1
TRIGGERFISH	11	1	2	(1)
TRIPLETAIL	2	(1)	10	1
WARSAW	10	1	320	32
WHITE PERCH	-	-	47	3
YELLOW PERCH	-	-	-	-
UNCLASSIFIED:				
FOR FOOD	262	17	262	17
BAIT, REDUCTION, AND ANIMAL FOOD	228	5	8,508	69
TOTAL FISH	64,003	4,120	235,032	8,252
SHELLFISH, ETC.				
CRABS:				
BLUE:				
HARD	7,869	433	38,731	1,657
SOFT AND PEELER	(1)	(1)	98	34
STONE	98	41	98	41
TOTAL CRABS	7,967	474	38,927	1,732
LOBSTERS, SPINY	672	250	704	274
SHRIMP	5,189	2,543	26,078	11,275
CLAMS, HARD, PUBLIC	3	1	309	120
OCTOPUS	-	-	2	(1)
OYSTERS, MARKET:				
PUBLIC:				
SPRING	18	5	427	232
FALL	12	4	443	196
PRIVATE:				
SPRING	13	4	1,579	683
FALL	24	7	1,401	613
TOTAL OYSTERS	67	20	3,850	1,724
SCALLOPS:				
BAY	-	-	168	67
CALICO	1	(1)	1	(1)
SQUID	3	1	26	2
TURTLES:				
GREEN	1	(1)	1	(1)
LOGGERHEAD	2	(1)	2	(1)
SNAPPER	-	-	8	1
SOFT-SHELL	308	15	308	15
TOTAL SHELLFISH, ETC.	14,213	3,314	70,384	15,210
GRAND TOTAL	78,216	7,434	305,416	23,462

1/ LESS THAN 500 POUNDS OR \$500.

NOTE:--THE CATCH FOR THE INLAND LAKES OF FLORIDA IS INCLUDED WITH THE CATCH FOR THE EAST COAST OF FLORIDA. STATISTICS ON THE CATCH OF FISH, CRUSTACEANS, AND SUCH MOLLUSKS AS SQUID AND OCTOPUS ARE SHOWN IN ROUND (LIVE) WEIGHT. THOSE FOR UNIVALVE AND BIVALVE MOLLUSKS (CLAMS, OYSTERS, AND SCALLOPS) REPRESENT THE WEIGHTS OF MEAT EXCLUDING THE SHELL.

SOUTH ATLANTIC FISHERIES

185

CATCH OF CERTAIN SHELLFISH, 1962

(NUMBER AND BUSHELS)

SPECIES	NORTH CAROLINA		SOUTH CAROLINA		GEORGIA		
	<u>QUANTITY</u>	<u>VALUE</u>	<u>QUANTITY</u>	<u>VALUE</u>	<u>QUANTITY</u>	<u>VALUE</u>	
CRABS, BLUE:							
HARD	NUMBER	36,663,900	\$494,161	18,508,500	\$292,970	24,606,396	\$437,357
SOFT AND PEELER	DO	293,100	34,200	-	-	-	-
CLAMS, HARD, PUBLIC	U.S. STD. BUSHEL	29,182	98,680	6,720	20,580	-	-
OYSTERS, MARKET:							
PUBLIC:							
SPRING	DO	82,251	226,880	-	-	-	-
FALL	DO	85,622	192,635	-	-	-	-
PRIVATE:							
SPRING	DO	12,739	35,213	445,800	608,710	30,583	35,315
FALL	DO	11,542	30,861	394,543	558,855	18,627	16,100
SCALLOPS, BAY	DO	26,083	67,400	-	-	-	-

SPECIES	FLORIDA, EAST COAST		TOTAL	
	<u>QUANTITY</u>	<u>VALUE</u>	<u>QUANTITY</u>	<u>VALUE</u>
CRABS:				
BLUE:				
HARD	NUMBER	15,737,200	95,515,996	\$1,657,261
SOFT AND PEELER	DO	800	293,900	34,300
STONE	DO	98,200	40,655	98,200
CLAMS, HARD, PUBLIC	U.S. STD. BUSHEL	338	864	36,240
OYSTERS, MARKET:				
PUBLIC:				
SPRING	DO	4,205	5,550	86,456
FALL	DO	3,333	3,600	88,955
PRIVATE:				
SPRING	DO	2,932	3,870	492,054
FALL	DO	6,556	7,080	431,468
SCALLOPS:				
BAY	DO	-	28,083	67,400
CALICO	DO	140	294	140

NOTE:--THE CAPACITY OF A U.S. STANDARD BUSHEL IS 2,150.4 CUBIC INCHES.

AVERAGE WEIGHTS OF CERTAIN SHELLFISH, 1962

SPECIES	NORTH CAROLINA	SOUTH CAROLINA	GEORGIA	FLORIDA, EAST COAST
	<u>QUANTITY</u>	<u>QUANTITY</u>	<u>QUANTITY</u>	<u>QUANTITY</u>
CRABS:				
BLUE:				
HARD	NUMBER PER POUND	3.00	2.92	2.00
SOFT AND PEELER	DO	3.00	-	2.00
STONE	DO	-	-	1.00
CLAMS, HARD, PUBLIC	LBS. MEATS PER U.S. STANDARD BUSHEL	8.45	8.75	-
OYSTERS, MARKET:				
PUBLIC:				
SPRING	DO	4.97	-	4.40
FALL	DO	5.03	-	3.60
PRIVATE:				
SPRING	DO	5.02	3.14	4.40
FALL	DO	4.98	3.23	3.60
SCALLOPS:				
BAY	DO	6.00	-	-
CALICO	DO	-	-	5.00

NOTE:--THE CAPACITY OF A U.S. STANDARD BUSHEL IS 2,150.4 CUBIC INCHES.

SOUTH ATLANTIC FISHERIES

MANUFACTURED FISHERY PRODUCTS, 1962

ITEM		NORTH CAROLINA		SOUTH CAROLINA	
		QUANTITY	VALUE	QUANTITY	VALUE
ALEWIVES:					
CANNED:					
FISH	STANDARD CASES	(1)	(1)	-	-
ROE	DO	7,538	\$119,650	-	-
SALTED AND PICKLED	POUNDS	4,175,400	126,450	-	-
MEAL AND SCRAP	TONS	(1)	(1)	-	-
OIL	GALLONS	(1)	(1)	-	-
BLUEFISH FILLETS, FRESH	POUNDS	(1)	(1)	-	-
FLounder SPECIALTIES, FROZEN	DO	(1)	(1)	-	-
MENHADEN:					
MEAL AND SCRAP	TONS	12,925	1,615,625	-	-
OIL	GALLONS	1,209,382	387,001	-	-
SOLUBLES	TONS	4,560	273,594	-	-
MULLET, SMOKED OR SALTED	POUNDS	(1)	(1)	-	-
SEA BASS FILLETS, FRESH	DO	(1)	(1)	-	-
SCUP FILLETS, FRESH	DO	(1)	(1)	-	-
SHAD, CANNED	STANDARD CASES	(1)	(1)	-	-
SPANISH MACKEREL FILLETS, FROZEN	POUNDS	(1)	(1)	-	-
STRIPED BASS FILLETS, FRESH	DO	(1)	(1)	-	-
CRABS:					
BLUE:					
FRESH AND FROZEN:					
COOKED MEAT	DO	1,548,802	1,506,292	331,604	\$432,625
SPECIALTIES	DO	(1)	(1)	(1)	(1)
CANNED:					
REGULAR (MEAT)	STANDARD CASES	(1)	(1)	(1)	(1)
SPECIALTIES	DO	(1)	(1)	(1)	(1)
MEAL AND SCRAP	TONS	(1)	(1)	-	-
SHRIMP, FRESH AND FROZEN:					
RAW, HEADLESS	POUNDS	(1)	(1)	(1)	(1)
PEELED AND DEVEINED:					
RAW	DO	-	-	(1)	(1)
COOKED	DO	-	-	(1)	(1)
BREADED, RAW AND COOKED	DO	(1)	(1)	-	-
CLAMS, SHUCKED, FRESH	GALLONS	(1)	(1)	-	-
OYSTERS:					
SHUCKED, FRESH	DO	84,278	567,540	61,029	366,349
BREADED, FRESH AND FROZEN	POUNDS	(1)	(1)	(1)	(1)
CANNED:					
REGULAR (MEAT)	STANDARD CASES	-	-	(1)	(1)
SPECIALTIES	DO	-	-	(1)	(1)
SCALLOPS:					
BAY, SHUCKED, FRESH	GALLONS	(1)	(1)	-	-
SEA, BREADED, RAW AND COOKED	POUNDS	(1)	(1)	-	-
UNCLASSIFIED:					
FRESH AND FROZEN PACKAGED:					
FISH, FILLETS AND STEAKS	DO	88,500	47,675	-	-
NOT BREADED	DO	43,254	182,733	-	-
SHELLFISH, SHUCKED	GALLONS	-	-	-	-
FISH AND SHELLFISH (INCLUDES SPECIALTIES)	POUNDS	205,526	195,097	61,850	58,840
CURED FISH	DO	(1)	(1)	-	-
CANNED:					
FISH AND SHELLFISH (HUMAN CONSUMPTION)	STANDARD CASES	22,984	412,683	67,125	1,121,015
ANIMAL FOOD	DO	(1)	(1)	-	-
INDUSTRIAL PRODUCTS	DO	-	255,508	-	-
TOTAL	-	-	5,690,848	-	1,978,829

ITEM		UNIT	GEORGIA		FLORIDA, EAST COAST	
			QUANTITY	VALUE	QUANTITY	VALUE
BUTTERFISH, SMOKED	POUNDS		-	-	(1)	(1)
CHUBS, SMOKED	DO		-	-	(1)	(1)
FLounder SPECIALTIES, FROZEN	DO		(1)	(1)	-	-
GROUPEr FILLETS, FRESH AND FROZEN	DO		-	-	290,000	\$153,000
KING WHITING, SMOKED	DO		-	-	(1)	(1)
MENHADEN:						
MEAL AND SCRAP	TONS		-	-	(1)	(1)
OIL	GALLONS		-	-	(1)	(1)
SOLUBLES	TONS		-	-	(1)	(1)
MULLET, SMOKED OR SALTED	POUNDS		-	-	(1)	(1)
RED SNAPPER FILLETS, FRESH AND FROZEN	DO		-	-	455,758	349,874
SABLEFISH, SMOKED	DO		-	-	(1)	(1)
SPANISH MACKEREL FILLETS, FROZEN	DO		-	-	578,000	177,770
STURGEON, SMOKED	DO		-	-	(1)	(1)
WHITEFISH, SMOKED	DO		-	-	(1)	(1)

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

MANUFACTURED FISHERY PRODUCTS, 1962 - Continued

ITEM	GEORGIA		FLORIDA, EAST COAST	
	QUANTITY	VALUE	QUANTITY	VALUE
CRABS:				
BLUE:				
FRESH AND FROZEN:				
COOKED MEAT POUNDS	1,182,257	\$1,174,626	1,048,746	\$1,164,945
SPECIALTIES DO	(1)	(1)	(1)	(1)
MEAL AND SCRAP TONS	(1)	(1)	(1)	(1)
STONE, COOKED CLAWS POUNDS	-	-	(1)	(1)
LOBSTERS, SPINY:				
WHOLE, COOKED, FRESH AND FROZEN DO	-	-	1,259,793	738,866
TAILS, RAW, FROZEN. DO	-	-	357,620	439,466
SHRIMP, FRESH AND FROZEN:				
RAW, HEADLESS DO	604,267	440,822	2,140,086	2,186,492
PEELED AND DEVEINED, RAW. DO	3,356,875	4,293,348	431,621	572,287
BREADED, RAW AND COOKED DO	18,656,715	13,895,721	6,321,728	5,595,561
SPECIALTIES DO	1,318,565	829,804	(1)	(1)
CLAMS, BREADED. DO	-	-	(1)	(1)
OYSTERS:				
SHUCKED, FRESH. GALLONS	17,621	101,047	4,166	22,615
BREADED, FRESH AND FROZEN POUNDS	(1)	(1)	284,058	280,410
SHELL PRODUCTS:				
CRUSHED SHELL FOR POULTRY GRIT TONS	-	-	(1)	(1)
LIME, UNBURNED. DO	-	-	(1)	(1)
SCALLOPS, SEA:				
SHUCKED, FROZEN POUNDS	-	-	(1)	(1)
BREADED, RAW AND COOKED DO	662,574	365,560	67,246	46,822
UNCLASSIFIED:				
FRESH AND FROZEN, PACKAGED:				
FISH:				
FILLETS AND STEAKS, NOT BREADED DO	-	-	509,800	183,336
STICKS, BREADED DO	3,004,865	1,324,051	194,435	75,741
PORTIONS, BREADED DO	(1)	(1)	149,598	56,914
FISH AND SHELLFISH (INCLUDES SPECIALTIES). DO	2,652,764	1,338,236	934,372	542,721
CURED FISH (SALTED AND SMOKED). DO	-	-	615,300	403,507
CANNED, FISH AND SHELLFISH (HUMAN CONSUMPTION) STANDARD CASES	-	-	(1)	(1)
INDUSTRIAL PRODUCTS	-	18,278	-	1,013,045
TOTAL.	-	23,721,493	-	14,003,392

1/ INCLUDED WITH UNCLASSIFIED PRODUCTS. NOTE:--SOME OF THE ABOVE PRODUCTS MAY HAVE BEEN MANUFACTURED FROM RAW PRODUCTS IMPORTED FROM ANOTHER STATE OR A FOREIGN COUNTRY; THEREFORE, THEY CANNOT BE CORRELATED DIRECTLY WITH THE CATCH WITHIN A STATE.

SUMMARY OF MANUFACTURED PRODUCTS, 1962

(VALUE IN THOUSANDS OF DOLLARS)

ITEM	QUANTITY	VALUE
PACKAGED, FRESH AND FROZEN:		
NOT BREADED:		
FISH 1,000 POUNDS	1,922	912
SHELLFISH DO	14,172	14,253
BREADED:		
FISH DO	5,470	2,365
SHELLFISH DO	26,476	20,544
SPECIALTIES (FISH AND SHELLFISH). DO	2,498	1,573
CANNED FISH AND SHELLFISH 1,000 STANDARD CASES	98	1,654
CURED FISH (SALTED AND SMOKED). 1,000 POUNDS	4,791	530
INDUSTRIAL PRODUCTS	-	3,564
TOTAL.	-	48,395

VALUE OF MANUFACTURED PRODUCTS, BY STATES, 1962

(THOUSANDS OF DOLLARS)

STATE	VALUE
NORTH CAROLINA	5,691
SOUTH CAROLINA	1,979
GEORGIA	23,722
FLORIDA, EAST COAST	14,008
TOTAL.	45,395

WHOLESALE AND MANUFACTURING, 1962

ITEM	NORTH CAROLINA	SOUTH CAROLINA	GEORGIA	FLORIDA, EAST COAST	TOTAL
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
WHOLESALE AND MANUFACTURING:					
ESTABLISHMENTS	176	73	57	131	437
PERSONS ENGAGED:					
AVERAGE FOR SEASON	2,593	1,158	2,645	1,665	8,061
AVERAGE FOR YEAR	973	690	2,017	1,166	4,846

SOUTH ATLANTIC FISHERIES

NORTH CAROLINA

OPERATING UNITS BY GEAR, 1962

ITEM	HAUL SEINES		PURSE SEINES		BAG NETS	OTTER TRAWLS		
	COMMON	LONG	MENHAGEN	OTHER		CRAB	FISH	SHRIMP
FISHERMEN:	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	<u>NUMBER</u>
ON VESSELS	-	60	955	-	-	76	177	821
ON BOATS AND SHORE:								
REGULAR	141	203	-	-	-	183	40	565
CASUAL	283	-	-	18	20	43	-	4
TOTAL	424	263	955	18	20	302	217	1,410
VESSELS, MOTOR	-	19	49	-	-	38	66	371
GROSS TONNAGE	-	156	11,452	-	-	442	2,568	8,343
BOATS:								
MOTOR	39	75	98	3	20	171	20	379
OTHER	65	94	49	3	-	-	-	-
GEAR:								
NUMBER	74	47	49	3	20	212	86	871
LENGTH, YARDS	20,885	67,150	19,600	1,200	500	-	-	-
YARDS AT MOUTH	-	-	-	-	-	3,230	2,053	14,642

ITEM	POUND NETS, FISH	FYKE AND HOOP NETS, FISH	POTS AND TRAPS				GILL NETS	
			CRAB	EEL	FISH	TURTLE	ANCHOR, SET OR STAKE	DRIFT SHAD
FISHERMEN:	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>
ON VESSELS	-	-	-	-	68	-	25	-
ON BOATS AND SHORE:								
REGULAR	126	-	295	-	46	-	455	-
CASUAL	80	14	56	30	76	7	397	186
TOTAL	206	14	353	30	190	7	877	186
VESSELS, MOTOR	-	-	-	-	33	-	10	-
GROSS TONNAGE	-	-	-	-	508	-	79	-
BOATS:								
MOTOR	87	9	301	26	80	7	547	68
OTHER	3	-	-	2	40	-	120	118
GEAR:								
NUMBER	737	130	18,600	510	4,124	75	2,883	186
SQUARE YARDS	-	-	-	-	-	-	936,570	74,400

ITEM	GILL NETS - CONTINUED			LINES			DIP NETS, COMMON	SPEARS
	DRIFT-CONTINUED OTHER	RUNA-ROUND	HAND	LONG OR SET WITH HOOKS	TROT WITH BAIT	NUMBER		
FISHERMEN:	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>
ON VESSELS	6	-	6	-	-	-	-	-
ON BOATS AND SHORE:								
REGULAR	-	256	-	-	266	125	-	-
CASUAL	39	107	14	9	95	75	-	108
TOTAL	45	363	20	9	361	200	-	108
VESSELS, MOTOR	3	-	2	-	-	-	-	-
GROSS TONNAGE	54	-	167	-	-	-	-	-
BOATS:								
MOTOR	-	167	7	9	335	125	-	-
OTHER	39	31	-	-	26	75	-	108
GEAR:								
NUMBER	45	207	20	9	361	200	-	108
SQUARE YARDS	49,760	166,320	-	-	-	-	-	-
HOOKS OR BAIT	-	-	40	1,800	543,900	-	-	-

ITEM	DREDGES			TONGS	RAKES	BY HAND	TOTAL, EXCLUSIVE OF DUPLICATION
	CLAM	OYSTER, COMMON	SCALLOP				
FISHERMEN:	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>
ON VESSELS	9	27	-	-	-	-	1,886
ON BOATS AND SHORE:							
REGULAR	18	390	25	48	-	60	2,549
CASUAL	-	-	-	29	239	216	1,527
TOTAL	27	417	25	77	239	276	5,962
VESSELS, MOTOR	4	14	-	-	-	-	458
GROSS TONNAGE	136	126	-	-	-	-	20,506
BOATS:							
MOTOR	12	195	25	35	50	90	2,157
OTHER	-	-	-	42	189	186	694
GEAR:							
NUMBER	16	209	50	77	239	-	-
YARDS AT MOUTH	21	282	50	-	-	-	-

SOUTH ATLANTIC FISHERIES

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NORTH CAROLINA - CATCH BY GEAR, 1962

SPECIES	HAUL SEINES		PURSE SEINES		BAG NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	151,500	\$1,515	-	-	-	-
BLUEFISH	618,200	70,102	-	-	-	-
BUTTERFISH	57,900	5,790	-	-	-	-
CABLO	17,600	1,056	-	-	-	-
CARP	24,200	725	-	-	-	-
CATFISH AND BULLHEADS	53,900	4,312	-	-	-	-
CROAKER	293,400	29,122	-	-	-	-
ORUM:						
BLACK	32,900	1,974	-	-	-	-
REO	58,900	4,720	-	-	-	-
EELS, COMMON	100	4	-	-	-	-
FLOUNDERS	153,900	22,293	-	-	-	-
HARVESTFISH	7,400	562	-	-	-	-
HICKORY SHAD	7,300	365	-	-	-	-
KING MACKEREL	8,200	1,606	-	-	-	-
KING WHITING OR "KINGFISH"	151,900	14,048	-	-	-	-
MINHAEN	11,900	132	122,885,200	\$1,364,037	-	-
MULLET	1,401,700	90,550	-	-	-	-
PIGFISH	114,700	6,832	-	-	-	-
POMPANO	6,100	1,830	-	-	-	-
SEA TROUT OR WEAKFISH:						
GRAY	163,500	14,512	-	-	-	-
SPOTTED	122,900	35,870	-	-	-	-
SHAD	40,700	10,175	-	-	-	-
SHARKS, UNCLASSIFIED	2,600	152	-	-	-	-
SHEEPSHEAD, SALT-WATER	6,500	520	-	-	-	-
SPADEFISH	2,700	216	-	-	-	-
SPANISH MACKEREL	61,600	9,240	-	-	-	-
SPOT	885,600	59,348	-	-	-	-
STRIPED BASS	182,400	29,184	70,000	11,200	-	-
STURGEON	15,700	2,355	-	-	-	-
WHITE PERCH	27,000	2,700	-	-	-	-
YELLOW PERCH	2,100	125	-	-	-	-
SHRIMP	-	-	-	-	75,000	\$26,250
TURTLES, SNAPPER	2,800	504	-	-	-	-
TOTAL	4,687,800	423,441	122,956,200	1,375,237	75,000	26,250

SPECIES	OTTER TRAWLS		POUND NETS		FYKE AND HOOP NETS		POTS AND TRAPS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	-	-	12,443,100	\$124,431	-	-	-	-
BLUEFISH	5,000	\$400	43,000	6,450	-	-	-	-
BUTTERFISH	63,500	6,350	37,700	3,770	-	-	-	-
CABLO	-	-	2,000	120	-	-	-	-
CARP	-	-	33,300	999	36,200	\$1,086	23,300	\$599
CATFISH AND BULLHEADS	-	-	112,000	8,950	80,100	6,408	748,600	59,888
CROAKER	1,151,600	97,146	148,500	12,150	-	-	-	-
ORUM:								
BLACK	109,000	6,644	1,000	60	-	-	-	-
REO	2,000	200	-	-	-	-	-	-
EELS, COMMON	-	-	4,600	184	-	-	38,600	1,544
FLOUNDERS	1,550,000	176,380	48,600	5,832	-	-	-	-
GROUPERS	100	7	-	-	-	-	-	-
GRUNTS	1,500	90	-	-	-	-	-	-
HARVESTFISH	1,000	80	8,700	696	-	-	-	-
HICKORY SHAD	-	-	84,200	4,210	-	-	-	-
KING WHITING OR "KINGFISH"	877,500	79,121	6,000	600	-	-	-	-
PIGFISH	43,100	2,246	5,000	300	-	-	-	-
PIKE OR PICKEREL	-	-	700	84	-	-	-	-
SAND PERCH	10,700	321	-	-	-	-	-	-
SCUP OR PORGY	270,700	21,656	-	-	-	-	-	-
SEA BASS	971,200	109,264	-	-	-	-	260,000	31,200
SEA TROUT OR WEAKFISH:								
GRAY	1,765,000	115,340	65,000	5,220	-	-	-	-
SPOTTED	-	-	6,900	2,070	-	-	-	-
SHAD	-	-	379,100	94,775	-	-	-	-
SPADEFISH	100	8	-	-	-	-	-	-
SPANISH MACKEREL	-	-	6,600	990	-	-	-	-
SPOT	212,000	10,220	12,700	1,016	-	-	-	-
STRIPED BASS	-	-	163,100	26,096	-	-	-	-
STURGEON	1,500	225	19,500	2,940	-	-	-	-
SWELLFISH	302,500	9,075	-	-	-	-	-	-
TILEFISH	400	32	-	-	-	-	-	-
WHITE PERCH	-	-	178,000	17,800	-	-	-	-
YELLOW PERCH	-	-	23,300	1,398	19,800	1,188	-	-
UNCLASSIFIED, FOR BAIT, REDUCTION, AND ANIMAL FOOD	8,065,000	60,488	-	-	-	-	-	-

(CONTINUED ON NEXT PAGE)

SOUTH ATLANTIC FISHERIES

NORTH CAROLINA - CATCH BY GEAR, 1962 - Continued

SPECIES	OTTER TRAWLS		POUND NETS		FYKE AND HOOP NETS		POTS AND TRAPS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CRABS, BLUE:								
HARD	2,300,000	\$77,500	-	-	-	-	4,964,300	\$209,456
SOFT AND PEELER	90,200	31,575	-	-	-	-	-	-
SHRIMP	5,729,700	2,212,633	-	-	-	-	-	-
OCTOPUS	-	-	-	-	-	-	2,000	240
SQUID	23,200	1,384	-	-	-	-	-	-
TURTLES, SNAPPER	-	-	-	-	-	-	4,700	646
TOTAL	23,546,500	3,018,585	13,632,700	\$321,151	136,100	\$6,682	6,041,500	303,873
SPECIES	GILL NETS							
	ANCHOR, SET OR STAKE		DRIFT		RUNAROUND			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE		
ALEWIVES	1,682,300	\$16,823	24,700	\$247	800	\$8		
BLUEFISH	136,300	17,895	-	-	152,100	22,815		
CABJO	200	12	-	-	-	-		
CARP	-	-	300	9	-	-		
CATFISH AND BULLHEADS	13,300	1,064	400	32	-	-		
CROAKER	38,800	4,076	-	-	30,500	3,050		
FLOUNDERS	1,600	160	-	-	-	-		
HICKORY SHAD	75,300	3,765	4,900	245	-	-		
KING MACKEREL	-	-	-	-	5,000	1,000		
KING WHITING OR "KINGFISH"	152,500	18,300	-	-	69,900	6,262		
MACKEREL	1,900	418	20,300	4,466	-	-		
MULLET	388,700	31,096	10,000	800	465,000	38,098		
PIG FISH	-	-	-	-	5,000	300		
SEA TROUT OR WEAKFISH:								
GRAY	73,000	6,478	-	-	94,000	8,270		
SPOTTED	25,900	7,770	3,000	900	42,600	12,780		
SHAD	313,400	76,350	26,600	6,700	5,000	1,250		
SPANISH MACKEREL	3,000	450	-	-	4,500	675		
SPOT	63,000	4,840	-	-	45,000	3,380		
STRIPED BASS	325,000	52,000	3,300	528	3,500	560		
STURGEON	2,900	435	1,200	160	6,100	1,215		
WHITE PERCH	112,400	11,240	1,900	190	1,000	100		
YELLOW PERCH	2,000	120	-	-	-	-		
TOTAL	3,411,500	255,292	96,600	14,297	952,000	101,763		
SPECIES	LINES							
	HAND		LONG OR SET WITH HOOKS		TROT WITH BAITS			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE		
CATFISH AND BULLHEADS	-	-	52,600	\$4,208	-	-		
DRUM, BLACK	300	\$18	-	-	-	-		
GROUPERS	400	32	-	-	-	-		
GRUNTS	100	6	-	-	-	-		
KING MACKEREL	36,100	7,204	-	-	-	-		
KING WHITING OR "KINGFISH"	4,500	540	-	-	-	-		
SCUP OR PORGY	22,100	1,814	-	-	-	-		
SEA BASS	56,000	6,720	-	-	-	-		
SEA TROUT OR WEAKFISH:								
SPOTTED	3,400	1,020	-	-	-	-		
SNAPPER, RED	2,500	700	-	-	-	-		
SPANISH MACKEREL	7,500	1,125	-	-	-	-		
CRABS, BLUE, HARD	-	-	-	-	4,957,000	\$207,205		
TOTAL	132,900	19,179	52,600	4,208	4,957,000	207,205		
SPECIES	DIP NETS		SPEARS		DROGGES			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE		
FLOUNDERS	-	-	121,500	\$21,870	-	-		
CRABS, BLUE, SOFT AND PEELER	7,500	\$2,625	-	-	-	-		
CLAMS, HARD, PUBLIC	-	-	-	-	60,500	\$24,200		
OYSTERS, MARKET, PUBLIC:								
SPRING	-	-	-	-	243,800	162,319		
FALL	-	-	-	-	134,900	87,486		
SCALLOPS, BAY	85,000	34,000	-	-	75,000	30,000		
TOTAL	92,500	36,625	121,500	21,870	514,200	304,005		
SPECIES	TONGS		RAKES		BY HAND			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE		
CLAMS, HARD, PUBLIC	-	-	186,200	\$74,480	-	-		
OYSTERS, MARKET:								
PUBLIC:								
SPRING	45,300	\$26,349	-	-	120,000	\$38,212		
FALL	57,400	33,048	-	-	238,600	72,101		
PRIVATE:								
SPRING	53,300	30,361	-	-	10,600	4,832		
FALL	39,900	22,743	-	-	17,600	8,118		
SCALLOPS, BAY	-	-	6,500	3,400	-	-		
TOTAL	195,900	112,521	194,700	77,660	386,600	123,263		

SOUTH ATLANTIC FISHERIES

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SOUTH CAROLINA OPERATING UNITS BY GEAR, 1962

ITEM	HAUL SEINES, COMMON	OTTER TRAWLS			
		CRAB	FISH	SHRIMP	
	NUMBER	NUMBER	NUMBER	NUMBER	
FISHERMEN:					
ON VESSELS	-	16	B	498	
ON BOATS AND SHORE:					
REGULAR	-	22	-	242	
CASUAL	436	-	-	-	
TOTAL	436	38	8	740	
VESSELS, MOTOR	-	8	3	242	
GROSS TONNAGE	-	193	132	6,229	
BOATS:					
MOTOR	4	11	-	141	
OTHER	14	-	-	-	
GEAR:					
NUMBER	18	24	3	551	
LENGTH, YARDS	3,740	-	-	-	
YARDS AT MOUTH	-	417	96	9,708	
ITEM	POTS AND TRAPS		GILL NETS		
	CRAB	FISH	ANCHOR, SET OR STAKE	DRIFT, SHAD	
	NUMBER	NUMBER	NUMBER	NUMBER	
FISHERMEN:					
ON VESSELS	-	14	-	-	
ON BOATS AND SHORE:					
REGULAR	120	53	14	10	
CASUAL	-	-	152	101	
TOTAL	120	67	166	111	
VESSELS, MOTOR	-	7	-	-	
GROSS TONNAGE	-	149	-	-	
BOATS, MOTOR	120	49	166	101	
GEAR:					
NUMBER	7,655	3,211	309	111	
SQUARE YARDS	-	-	42,883	14,936	
ITEM	LINES			CAST NETS	
	HAND	LONG OR SET WITH HOOKS	TROT WITH BAITS		
	NUMBER	NUMBER	NUMBER	NUMBER	
FISHERMEN:					
ON VESSELS	4	-	-	-	
ON BOATS AND SHORE:					
REGULAR	14	-	160	-	
CASUAL	10	17	-	27	
TOTAL	28	17	160	27	
VESSELS, MOTOR	1	-	-	-	
GROSS TONNAGE	27	-	-	-	
BOATS:					
MOTOR	8	11	98	27	
OTHER	-	-	32	-	
GEAR:					
NUMBER	32	11	143	27	
HOOKS OR BAITS	64	2,800	99,750	-	
ITEM	SPEARS	GRABS	RAKES	BY HAND	TOTAL EXCLUSIVE OF DUPLI- CATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS	-	-	-	-	500
ON BOATS AND SHORE:					
REGULAR	8	173	10	98	862
CASUAL	5	20	24	17	771
TOTAL	13	193	34	115	2,133
VESSELS, MOTOR	-	-	-	-	242
GROSS TONNAGE	-	-	-	-	6,229
BOATS:					
MOTOR	9	174	29	104	993
OTHER	-	19	5	11	81
GEAR, NUMBER	13	193	34	-	-

SOUTH ATLANTIC FISHERIES

SOUTH CAROLINA - CATCH BY GEAR, 1962

SPECIES	HAUL SEINES		OTTER TRAWLS		POTS AND TRAPS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUEFISH	800	\$96	-	-	-	-
CATFISH AND BULLHEADS	-	-	-	-	318,200	\$26,638
CROAKER	700	28	32,600	\$1,304	-	-
FLOUNDERS	-	-	120,700	24,140	-	-
GRUNTS	-	-	21,300	852	-	-
KING WHITING OR "KINGFISH"	-	-	136,000	13,600	-	-
MULLET	2,480,100	223,209	-	-	-	-
POMPANO	36,300	14,520	11,800	4,130	-	-
SCUP OR PORGY	-	-	17,900	895	-	-
SEA BASS	-	-	-	-	261,600	41,856
SEA TROUT OR WEAKFISH:						
GRAY	-	-	8,900	356	-	-
SPOTTED	23,300	4,660	-	-	-	-
SHAD	2,500	700	-	-	-	-
SHARKS, UNCLASSIFIED	10,700	1,070	15,300	1,530	-	-
SHEEPSHEAD, SALT-WATER	-	-	800	24	-	-
SNAPPER, VERMILION	-	-	43,200	2,160	-	-
SPOT	3,085,100	185,106	49,900	2,451	-	-
UNCLASSIFIED, FOR BAIT, REDUCTION, AND ANIMAL FOOD	19,500	195	18,900	189	-	-
CRABS, BLUE, HARD	-	-	791,000	31,640	3,790,100	189,505
SHRIMP	-	-	6,436,100	2,598,490	-	-
TOTAL	5,659,000	429,584	7,704,400	2,681,761	4,369,900	259,999

SPECIES	GILL NETS				LINES	
	ANCHOR, SET OR STAKE		DRIFT		HAND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUEFISH	1,600	\$192	-	-	2,300	\$276
DRUM, BLACK	-	-	-	-	1,800	140
FLOUNDERS	-	-	-	-	4,300	1,075
HICKORY SHAD	800	32	-	-	-	-
KING MACKEREL	-	-	-	-	3,200	448
KING WHITING OR "KINGFISH"	-	-	-	-	160,300	22,442
POMPANO	3,500	1,575	-	-	-	-
SEA BASS	-	-	-	-	5,900	826
SEA TROUT OR WEAKFISH:						
GRAY	-	-	-	-	2,500	100
SPOTTED	-	-	-	-	3,200	600
SHAD	64,100	17,948	48,300	\$13,524	-	-
SHARKS, UNCLASSIFIED	-	-	-	-	8,000	800
SHEEPSHEAD, SALT-WATER	-	-	-	-	1,300	65
SNAPPER:						
RED	-	-	-	-	7,000	1,750
VERMILION	-	-	-	-	5,100	153
SPANISH MACKEREL	-	-	-	-	13,300	1,608
STURGEON	39,600	5,940	-	-	-	-
TOTAL	109,600	25,687	48,300	13,524	218,200	30,483

SPECIES	LINES - CONTINUED				CAST NETS	
	LONG OR SET WITH HOOKS		TROT WITH BAITS			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CARP	300	\$12	-	-	-	-
CATFISH AND BULLHEADS	34,200	3,076	-	-	-	-
CRABS, BLUE, HARD	-	-	1,756,500	\$71,825	-	-
SHRIMP	-	-	-	-	38,100	\$14,028
TOTAL	34,500	3,088	1,756,500	71,825	38,100	14,028

SPECIES	SPEARS		GRABS		RAKES		BY HAND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FLOUNDERS	8,200	\$1,640	-	-	-	-	-	-
SEA TROUT OR WEAKFISH, SPOTTED	700	140	-	-	-	-	-	-
CLAMS, HARD, PUBLIC	-	-	-	-	58,800	\$20,580	-	-
OYSTERS, MARKET, PRIVATE:								
SPRING	-	-	590,200	\$265,590	-	-	810,300	\$343,120
FALL	-	-	571,900	257,355	-	-	701,200	301,500
TOTAL	8,900	1,780	1,162,100	\$22,945	58,800	20,580	1,511,500	644,620

SOUTH ATLANTIC FISHERIES

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GEORGIA

OPERATING UNITS BY GEAR, 1962

ITEM	HAUL SEINES, COMMON	OTTER TRAWLS		POTS AND TRAPS		
		CRAB	SHRIMP	CRAB	FISH	LOBSTER, SPINY
	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>
FISHERMEN:						
ON VESSELS	-	46	659	-	-	3
ON BOATS AND SHORE:						
REGULAR	-	53	159	167	20	-
CASUAL	9	3	359	10	58	-
TOTAL	9	102	1,177	177	78	3
VESSELS, MOTOR	-	23	324	-	-	1
GROSS TONNAGE	-	624	9,421	-	-	31
BOATS, MOTOR	3	29	308	151	69	-
GEAR:						
NUMBER	3	60	819	9,360	513	200
LENGTH, YARDS	450	-	-	-	-	-
YARDS AT MOUTH	-	926	10,045	-	-	-

ITEM	GILL NETS		LINES		
	ANCHOR, SET OR STAKE	DRIFT	HAND	LONG OR SET WITH HOOKS	TROT WITH BAITS
	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>
FISHERMEN, ON BOATS AND SHORE:					
REGULAR	28	160	-	21	2
CASUAL	222	288	22	100	-
TOTAL	250	448	22	121	2
BOATS:					
MOTOR	196	360	11	109	2
OTHER	2	12	-	-	-
GEAR:					
NUMBER	248	382	22	579	3
SQUARE YARDS	63,600	191,955	-	-	-
HOOKS OR BAITS	-	-	44	28,950	2,150

ITEM	DIP NETS, DROP	CAST NETS	GRABS	BY HAND	TOTAL, EXCLUSIVE OF DUPLI- CATION
	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>
FISHERMEN:					
ON VESSELS	-	-	-	-	662
ON BOATS AND SHORE:					
REGULAR	11	-	40	40	511
CASUAL	20	3	9	9	874
TOTAL	31	3	49	49	2,047
VESSELS, MOTOR	-	-	-	-	325
GROSS TONNAGE	-	-	-	-	9,452
BOATS:					
MOTOR	31	3	19	19	1,014
OTHER	-	-	30	30	44
GEAR, NUMBER	2,325	3	49	-	-



SOUTH ATLANTIC FISHERIES

GEORGIA - CATCH BY GEAR, 1962

SPECIES	HAUL SEINES		OTTER TRAWLS		POTS AND TRAPS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	-	-	-	-	2,100	\$126
CATFISH AND BULLHEADS	-	-	-	-	60,400	8,456
CROAKER	-	-	600	\$48	-	-
EELS, COMMON	-	-	-	-	300	24
FLOUNDERS	1,000	\$200	25,800	2,580	-	-
KING WHITING OR "KINGFISH"	-	-	166,300	12,926	-	-
MULLET	1,100	110	-	-	-	-
SEA BASS	-	-	300	36	-	-
SEA TROUT OR WEAKFISH, SPOTTED SPOT	400	120	-	185	-	-
UNCLASSIFIED FOR BAIT, REDUCTION, AND ANIMAL FOOD	-	-	176,400	3,528	-	-
CRABS, BLUE, HARD	-	-	4,095,300	109,041	7,517,900	300,716
LOBSTER, SPINY	-	-	200	84	32,000	13,440
SHRIMP	-	-	8,604,500	3,877,340	-	-
TOTAL	2,500	430	13,073,100	4,005,768	7,612,700	322,762

SPECIES	GILL NETS				LINES	
	ANCHOR, SET OR STAKE		DRIFT		HAND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	-	-	4,100	\$245	-	-
CARP	-	-	400	20	-	-
GROUPERS	-	-	-	-	300	\$24
HICKORY SHAD	500	\$10	1,200	24	-	-
KING MACKEREL	-	-	-	-	400	80
MULLET	-	-	100	10	-	-
SEA TROUT OR WEAKFISH, SPOTTED SHAD	236,900	59,225	290,300	72,575	600	180
SNAPPER: RED	-	-	-	-	600	150
UNCLASSIFIED	-	-	-	-	700	140
SPANISH MACKEREL	-	-	-	-	300	54
STRIPED BASS	-	-	100	16	-	-
STURGEON	1,600	360	-	-	-	-
SUCKERS	-	-	300	18	-	-
TOTAL	239,200	59,595	296,500	72,909	2,900	628

SPECIES	LINES - CONTINUED				DIP NETS	
	LONG OR SET WITH HOOKS		TROT WITH BAITS			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CATFISH AND BULLHEADS	67,300	\$9,422	-	-	-	-
CRABS, BLUE, HARD	-	-	110,000	\$4,400	580,000	\$23,200
TOTAL	67,300	9,422	110,000	4,400	580,000	23,200

SPECIES	CAST NETS		GRABS		BY HAND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
	SHRIMP	5,000	\$2,300	-	-	-
OYSTERS, MARKET, PRIVATE; SPRING	-	-	50,500	\$17,675	50,400	\$17,640
FALL	-	-	23,000	8,050	23,000	8,050
TOTAL	5,000	2,300	73,500	25,725	73,400	25,690



SOUTH ATLANTIC FISHERIES

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FLORIDA, EAST COAST

OPERATING UNITS BY GEAR, 1962

ITEM	HAUL SEINES, COMMON	PURSE SEINES, MENHADEN	OTTER TRAWLS		POUND NETS	FYKE AND HOOP NETS, FISH
			FISH	SHRIMP		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS	-	54	5	854	-	-
ON BOATS AND SHORE:						
REGULAR	89	-	-	17	4	17
CASUAL	20	-	-	18	-	-
TOTAL	109	54	5	889	4	17
VESSELS, MOTOR	-	3	1	393	-	-
GROSS TONNAGE	-	383	126	14,975	-	-
BOATS:						
MOTOR	22	6	-	35	4	17
OTHER	-	3	-	-	-	-
GEAR:						
NUMBER	22	3	1	789	8	200
LENGTH, YARDS	9,180	1,200	-	-	-	-
YARDS AT MOUTH	-	-	30	11,400	-	-

ITEM	POTS AND TRAPS				GILL NETS	
	CRAB		FISH	LOBSTER, SPINY	ANCHOR, SET OR STAKE	DRIFT SHAQ
	BLUE	OTHER				
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS	-	-	-	13	-	-
ON BOATS AND SHORE:						
REGULAR	128	13	198	68	10	38
CASUAL	21	-	4	9	-	5
TOTAL	149	13	202	110	10	43
VESSELS, MOTOR	-	-	-	5	-	-
GROSS TONNAGE	-	-	-	56	-	-
BOATS, MOTOR	149	13	202	72	5	42
GEAR:						
NUMBER	13,355	1,575	8,460	16,140	20	42
SQUARE YARDS	-	-	-	-	18,000	44,400

ITEM	GILL NETS - CONTINUED			LINES			
	DRIFT - CONTINUED OTHER	RUNA- ROUND	TRAMMEL NETS	HAND	TROLL	LONG OR SET WITH HOOKS	TROT WITH BAITS
FISHERMEN:							
ON VESSELS	-	35	-	113	6	-	-
ON BOATS AND SHORE:							
REGULAR	24	379	25	258	234	543	1
CASUAL	-	10	-	257	159	59	-
TOTAL	24	424	25	628	399	602	1
VESSELS, MOTOR	-	12	-	42	2	-	-
GROSS TONNAGE	-	122	-	910	37	-	-
BOATS:							
MOTOR	19	293	18	383	258	602	1
OTHER	-	15	-	-	-	-	-
GEAR:							
NUMBER	19	312	18	629	399	602	1
SQUARE YARDS	19,950	606,600	24,600	-	-	-	-
HOOKS OR BAITS	-	-	-	930	399	631,900	600

ITEM	CAST NETS	SPEARS	OREDGES, SCALLOP	TONGS	BY HAND		TOTAL, EXCLUSIVE OF DUPLI- CATION
					OYSTER	OTHER	
		NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS	-	-	3	-	-	-	1,011
ON BOATS AND SHORE:							
REGULAR	9	-	-	2	18	4	1,574
CASUAL	24	3	-	2	-	1	432
TOTAL	33	3	3	4	18	5	3,017
VESSELS, MOTOR	-	-	1	-	-	-	429
GROSS TONNAGE	-	-	145	-	-	-	15,602
BOATS:							
MOTOR	33	-	-	3	17	5	1,657
OTHER	-	3	-	-	-	-	21
GEAR:							
NUMBER	33	3	2	4	-	-	-
YARDS AT MOUTH	-	-	7	-	-	-	-

NOTE:--INCLUDES OPERATING UNITS FOR THE INLAND LAKES OF FLORIDA.

SOUTH ATLANTIC FISHERIES

FLORIDA, EAST COAST - CATCH BY GEAR, 1962

SPECIES	HAUL SEINES		PURSE SEINES		OTTER TRAWLS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUEFISH	33,300	\$3,164	-	-	-	-
BLUE RUNNER	4,600	290	-	-	-	-
CREVALLE	600	15	-	-	-	-
CROAKER	47,500	6,318	-	-	-	-
DRUM:						
BLACK	40,100	2,667	-	-	200	\$14
RED	14,300	2,074	-	-	-	-
FLOUNDERS	2,700	441	-	-	192,500	31,378
GROUPERS	-	-	-	-	500	55
GRUNTS	-	-	-	-	100	7
HOGFISH	-	-	-	-	100	18
KING WHITING OR "KINGFISH"	363,900	36,068	-	-	787,700	63,030
MENHADEN	16,300	424	33,948,200	\$312,695	-	-
MOJARRA	59,800	4,664	-	-	-	-
MULLET, BLACK	5,700	279	-	-	-	-
POMPANO	200	143	-	-	-	-
SCUP OR PORGY	-	-	-	-	4,100	275
SEA BASS	-	-	-	-	100	11
SEA CATFISH	14,000	1,022	-	-	-	-
SEA TROUT OR WEAKFISH, GRAY	500	54	-	-	-	-
SHAD	557,000	59,042	-	-	-	-
SNAPPER:						
MANGROVE	900	164	-	-	200	36
RED	-	-	-	-	700	209
VERMILION	-	-	-	-	1,100	257
SPANISH MACKEREL	800	75	-	-	-	-
SPOT	23,900	2,868	-	-	300	36
STURGEON	-	-	-	-	400	60
TENPOUNDER	11,400	228	-	-	-	-
TRIPLETAIL	1,000	59	-	-	-	-
UNCLASSIFIED:						
FOR FOOD	14,400	950	-	-	8,900	567
BAIT, REDUCTION, AND ANIMAL FOOD	17,600	373	-	-	172,800	3,629
CRABS, BLUE, HARD	-	-	-	-	80,700	4,439
SHRIMP	-	-	-	-	5,165,400	2,531,557
SQUID	-	-	-	-	3,400	507
TURTLES:						
GREEN	-	-	-	-	600	120
LOGGERHEAD	-	-	-	-	1,500	225
TOTAL	1,230,700	121,342	33,948,200	312,695	6,421,500	2,636,450

SPECIES	POUND NETS		FYKE AND HOOP NETS		POTS AND TRAPS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CATFISH AND BULLHEADS	139,100	\$19,049	458,900	\$62,869	4,411,400	\$603,700
CRABS:						
BLUE:						
HARD	-	-	-	-	7,755,500	426,552
SOFT AND PEELER	-	-	-	-	200	100
STONE	-	-	-	-	93,200	40,655
LOBSTERS, SPINY	-	-	-	-	672,400	259,546
TOTAL	139,100	19,049	458,900	62,869	12,937,700	1,330,553

SPECIES	GILL NETS					
	ANCHOR, SET OR STAKE		DRIFT		RUNAROUND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUEFISH	-	-	46,800	\$4,446	1,101,900	\$104,681
BLUE RUNNER	-	-	1,000	63	14,600	921
CREVALLE	-	-	3,300	82	52,600	1,314
CROAKER	-	-	12,200	1,623	76,300	10,148
DRUM:						
BLACK	-	-	500	34	14,600	980
RED	-	-	-	-	94,500	13,704
FLOUNDERS	-	-	-	-	1,700	277
KING MACKEREL	-	-	-	-	120,500	17,593
KING WHITING OR "KINGFISH"	-	-	-	-	43,300	3,724
MENHADEN	-	-	5,200	135	299,400	7,784
MOJARRA	-	-	9,200	718	8,500	663
MULLET:						
BLACK	-	-	2,500	122	2,637,200	139,023
SILVER	-	-	-	-	73,800	5,019

(CONTINUED ON NEXT PAGE)

SOUTH ATLANTIC FISHERIES

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FLORIDA, EAST COAST - CATCH BY GEAR, 1962 - Continued

SPECIES	GILL NETS					
	ANCHOR, SET OR STAKE		DRIFT		RUNAROUND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
PERMIT	-	-	-	-	200	\$20
PIGFISH	-	-	-	-	1,700	229
POMPANO	-	-	17,500	\$12,548	43,100	30,904
SEA CATFISH	-	-	-	-	4,200	306
SEA TROUT OR WEAKFISH:						
GRAY	-	-	2,300	246	16,300	1,744
SPOTTED	-	-	14,700	3,572	674,000	163,780
SHAD	89,600	\$9,498	113,200	11,999	-	-
SHEEPSHEAD, SALT-WATER	-	-	-	-	33,800	2,467
SNAPPER, MANGROVE	-	-	-	-	3,000	546
SPANISH MACKEREL	-	-	2,300	216	2,470,500	232,229
SPOT	-	-	500	60	675,700	81,084
TENPOUNDER	-	-	-	-	5,300	106
TRIPLETAIL	-	-	-	-	1,000	59
UNCLASSIFIED:						
FOR FOOD	-	-	3,900	258	194,500	12,836
BAIT, REDUCTION, AND ANIMAL FOOD	-	-	3,500	74	34,100	716
TOTAL	89,600	9,498	238,600	36,196	8,896,300	832,857

SPECIES	TRAMMEL NETS		LINES			
			HAND		TROLL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
AMBERJACK	-	-	6,100	\$160	-	-
BARRACUDA	-	-	600	16	400	\$11
BLUEFISH	5,100	\$484	97,600	9,272	108,300	10,289
BLUE RUNNER	2,200	139	3,300	209	2,600	163
BONITO	-	-	-	-	2,300	57
CABIO	-	-	2,800	280	-	-
CREVALLE	2,000	50	64,700	1,619	-	-
CROAKER	9,400	1,251	15,900	2,115	-	-
DOLPHIN	-	-	200	21	8,000	856
DRUM:						
BLACK	500	34	11,700	785	-	-
RED	2,100	304	38,400	5,370	-	-
FLOUNDERS	-	-	3,600	569	-	-
GROUPERS	-	-	235,300	25,883	-	-
GRUNTS	-	-	25,800	1,781	-	-
HOGFISH	-	-	2,600	478	-	-
JEWFISH	-	-	21,400	1,199	-	-
KING MACKEREL	-	-	37,500	5,475	1,917,500	279,956
KING WHITING OR "KINGFISH"	1,500	129	25,700	2,211	-	-
MENHADEN	1,500	39	-	-	-	-
MUJARRA	3,400	266	64,500	5,030	-	-
MULLET, BLACK	2,300	113	-	-	-	-
PERMIT	-	-	1,400	154	-	-
PIGFISH	-	-	300	41	-	-
POMPANO	112,100	80,376	38,300	27,462	-	-
SCUP OR PORGY	-	-	13,400	897	-	-
SEA BASS	-	-	46,400	5,011	-	-
SEA CATFISH	100	7	3,200	232	-	-
SEA TROUT OR WEAKFISH:						
GRAY	400	43	4,600	492	1,500	161
SPOTTED	5,700	1,385	47,700	11,592	13,600	3,304
SHEEPSHEAD, SALT-WATER	1,000	72	31,600	2,307	-	-
SNAPPER:						
MANGROVE	-	-	62,400	11,356	-	-
MUTTIN	-	-	61,700	14,252	-	-
RED	-	-	638,800	190,362	-	-
VERMILION	-	-	4,900	1,146	-	-
YELLOWTAIL	-	-	88,300	22,429	-	-
SPANISH MACKEREL	-	-	45,400	4,267	59,300	5,573
SPOT	1,100	132	2,900	348	-	-
TENPOUNDER	-	-	300	6	-	-
TRIGGERFISH	-	-	11,100	733	-	-
TRIPLETAIL	-	-	300	18	-	-
WARSAW	-	-	10,100	827	-	-
UNCLASSIFIED:						
FOR FOOD	1,500	99	32,800	2,166	6,300	416
BAIT, REDUCTION, AND ANIMAL FOOD	-	-	300	6	-	-
TOTAL	151,900	84,923	1,803,900	358,797	2,119,800	300,786

(CONTINUED ON NEXT PAGE)

SOUTH ATLANTIC FISHERIES

FLORIDA, EAST COAST - CATCH BY GEAR, 1962 - Continued

SPECIES	LINES - CONTINUED		TROT WITH BAITS		CAST NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CATFISH AND BULLHEADS.	9,333,500	\$1,277,235	-	-	-	-
MOJARRA.	-	-	-	-	1,600	\$125
MULLET:						
BLACK.	-	-	-	-	6,700	426
SILVER.	-	-	-	-	500	34
CRABS, BLUE, HARD.	-	-	32,400	\$1,782	-	-
SHRIMP.	-	-	-	-	23,300	10,984
TURTLES, SOFT-SHELL.	308,500	15,425	-	-	-	-
TOTAL.	9,642,000	1,292,660	32,400	1,782	34,100	11,569

SPECIES	SPEARS		OREOGES	
	POUNDS	VALUE	POUNDS	VALUE
FLOUNDER.	500	\$82	-	-
SCALLOPS, CALICO.	-	-	700	\$294
TOTAL.	500	82	700	294

SPECIES	TONGS		BY HAND	
	POUNDS	VALUE	POUNDS	VALUE
CLAMS, HARD, PUBLIC.	-	-	2,700	\$864
OYSTERS, MARKET:				
PUBLIC:				
SPRING.	5,300	\$1,590	13,200	3,960
FALL.	1,500	450	10,500	3,150
PRIVATE:				
SPRING.	2,600	840	10,100	3,030
FALL.	3,100	930	20,500	6,150
TOTAL.	12,700	3,810	57,000	17,154

NOTE:--INCLUDES THE CATCH FOR THE INLAND LAKES OF FLORIDA.



CRAB TROT LINE

SOUTH ATLANTIC FISHERIES

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SUPPLEMENTARY TABLES

FLORIDA - OPERATING UNITS BY DISTRICTS, 1962

ITEM	EAST COAST	WEST COAST	TOTAL EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER
FISHERMEN:			
ON VESSELS	1,011	3,311	4,020
ON BOATS AND SHORE:			
REGULAR	1,574	3,132	4,706
CASUAL	432	1,431	1,863
TOTAL	3,017	7,874	10,589
VESSELS, MOTOR	429	1,116	1,401
GROSS TONNAGE	15,602	43,877	53,744
BOATS:			
MOTOR	1,657	3,361	5,014
OTHER	21	222	243
GEAR:			
HAUL SEINES, COMMON	22	84	106
LENGTH, YARDS	9,180	60,900	70,080
PURSE SEINES:			
MENHADEN	3	-	3
LENGTH, YARDS	1,200	-	1,200
OTHER	-	2	2
LENGTH, YARDS	-	400	400
OTTER TRAWLS:			
FISH	1	-	1
YARDS AT MOUTH	30	-	30
SHRIMP	789	1,657	2,179
YARDS AT MOUTH	11,400	25,287	32,890
POUND NETS, FISH	8	-	8
FYKE AND HOOP NETS, FISH	200	-	200
POTS AND TRAPS:			
CRAB:			
BLUE	13,385	32,059	45,414
OTHER	1,575	14,610	16,185
FISH	8,480	6	8,486
LOBSTERS, SPINY	16,140	58,250	74,390
GILL NETS:			
ANCHOR, SET OR STAKE	20	11	31
SQUARE YARDS	18,000	8,100	26,100
DRIFT:			
SHAD	42	-	42
SQUARE YARDS	44,400	-	44,400
OTHER	19	10	29
SQUARE YARDS	19,950	42,200	62,150
RUNAROUND	312	1,159	1,470
SQUARE YARDS	606,600	1,739,080	2,341,680
TRAMMEL NETS	18	301	319
SQUARE YARDS	24,600	521,705	546,305
LINES:			
HAND	629	2,716	3,331
HOOKS	930	6,514	7,519
TROLL	399	1,465	1,864
HOOKS	399	1,465	1,864
LONG OR SET WITH HOOKS	602	32	634
HOOKS	631,900	1,550	633,450
TROT WITH BAITS	1	18	19
BAITS	600	13,600	14,200
DIP NETS:			
COMMON	-	31	31
DROP	-	120	120
CAST NETS	33	12	45
SPEARS	3	40	43
DREDGES:			
OYSTER, COMMON	-	2	2
YARDS AT MOUTH	-	3	3
SCALLOP	2	131	133
YARDS AT MOUTH	7	133	140
TONS:			
OYSTER	4	821	825
OTHER	-	9	9
RAKES	-	7	7
HOOKS, SPONGE	-	81	81
DIVING OUTFITS, SPONGE	-	18	18

NOTE:--A TOTAL OF 492 FISHERMEN OPERATING IN 492 MOTOR BOATS FISHED 7,400 FISH POTS AND TRAPS AND 464 LONG OR SET LINES WITH 529,200 HOOKS IN THE INLAND LAKES OF FLORIDA. THESE OPERATING UNITS ARE INCLUDED WITH THOSE OF THE EAST COAST OF FLORIDA.

SOUTH ATLANTIC FISHERIES

FLORIDA - CATCH BY DISTRICTS, 1962

SPECIES	EAST COAST		WEST COAST		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	-	-	1,001,700	\$40,068	1,001,700	\$40,068
AMBERJACK	6,100	\$160	10,400	354	16,500	514
BALLYHOOD	-	-	44,100	6,262	44,100	6,262
BARRACUDA	1,000	27	2,600	122	3,600	149
BLUEFISH	1,393,000	132,336	944,200	79,311	2,337,200	211,647
BLUE RUNNER	26,300	1,785	1,207,700	27,780	1,236,000	29,565
BONITO	2,300	57	2,800	84	5,100	141
CABIO	2,800	280	16,800	840	19,600	1,120
CATFISH AND BULLHEADS	14,342,900	1,962,853	60,100	9,196	14,403,000	1,972,049
CIGARFISH	-	-	296,700	22,103	296,700	22,103
CROAKER	123,200	3,080	915,800	26,386	1,039,000	31,466
CROAKER	161,300	21,455	62,400	6,615	223,700	28,070
DOLPHIN	6,200	877	15,600	936	23,800	1,813
DRUM:						
BLACK	67,600	4,534	58,100	2,094	125,700	6,628
RED	149,300	21,652	1,307,300	149,029	1,456,600	170,681
FLOUNDERS	201,000	32,767	147,600	30,854	348,600	63,621
GROUPERS	235,800	25,938	6,976,700	711,622	7,212,500	737,560
GRUNTS	25,900	1,788	62,700	3,951	88,600	5,739
HOGFISH	2,700	496	14,100	2,187	16,800	2,683
JEWFISH	21,400	1,199	48,500	3,491	69,900	4,690
KING MACKEREL	2,075,500	303,024	2,020,700	218,233	4,096,200	521,257
KING WHITING OR "KINGFISH"	1,222,100	105,102	144,200	7,355	1,366,300	112,457
MENHADEN	34,270,600	321,277	19,700	650	34,290,300	321,927
MOJARRA	147,000	11,466	146,600	10,119	293,600	21,585
MULLET:						
BLACK	2,856,400	139,963	32,819,900	1,837,920	35,676,300	1,977,883
SILVER	74,300	5,053	465,900	29,616	540,200	34,869
PERMIT	1,600	174	13,800	1,255	15,400	1,429
PIGFISH	2,000	270	4,900	490	6,900	760
POMPANO	211,200	151,433	600,400	477,920	811,600	629,353
SCUP OR PORGY	17,500	1,172	51,900	4,307	69,400	5,479
SEA BASS	46,500	5,022	-	-	46,500	5,022
SEA CATFISH	21,500	1,567	117,900	7,312	139,400	8,879
SEA TROUT OR WEAKFISH:						
GRAY	25,600	2,740	-	-	25,600	2,740
SPOTTED	755,700	183,633	2,627,600	625,372	3,383,300	809,005
WHITE	-	-	55,000	6,706	55,000	6,706
SHAD	759,800	80,539	-	-	759,800	80,539
SHARKS, UNCLASSIFIED	-	-	7,000	322	7,000	322
SHEEPSHEAD, SALT-WATER	66,400	4,846	77,400	7,121	143,800	11,967
SNAPPER:						
MANGROVE	66,500	12,102	336,000	54,416	404,500	66,518
MUTTON	61,700	14,252	142,000	29,536	203,700	43,788
RED	639,500	190,571	5,375,000	1,327,623	6,014,500	1,518,194
VERMILION	6,000	1,403	41,300	5,989	47,300	7,392
YELLOWTAIL	88,300	22,429	909,800	205,615	998,100	228,044
SPANISH MACKEREL	2,576,300	242,360	6,868,800	673,144	9,447,100	915,504
SPANISH SARDINE	-	-	47,600	905	47,600	905
SPOT	704,400	84,528	296,500	18,318	1,000,900	102,846
STURGEON	400	60	12,400	2,194	12,800	2,254
TENPOUNDER	17,000	340	374,900	16,121	391,900	16,461
TILEFISH	-	-	3,600	348	3,600	348
TRIGGERFISH	11,100	733	5,600	275	16,700	1,008
TRIPLETAIL	2,300	136	2,200	146	4,500	282
WARSAW	10,100	827	215,000	13,759	225,100	14,586
UNCLASSIFIED:						
FOR FOOD	262,300	17,312	1,136,900	79,583	1,399,200	96,895
BAIT, REDUCTION, AND ANIMAL FOOD	226,500	4,798	459,700	13,791	686,200	18,589
TOTAL FISH	64,002,900	4,120,416	66,600,100	6,801,946	132,603,000	10,922,362
SHELLFISH, ETC.						
CRABS:						
BLUE:						
HARD	7,868,600	432,773	10,356,300	486,748	18,224,900	919,521
SOFT AND PEELER	200	100	200	100	400	200
STONE	98,200	40,655	557,100	196,100	655,300	236,755
TOTAL CRABS	7,967,000	473,528	10,913,600	682,948	18,880,600	1,156,476
LOBSTERS, SPINY	672,400	259,546	2,434,600	927,581	3,107,000	1,187,127

SEE NOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

FLORIDA - CATCH BY DISTRICTS, 1962 - Continued

SPECIES	EAST COAST		WEST COAST		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
SHRIMP	5,188,700	\$2,542,541	32,145,600	\$14,556,395	37,334,300	\$17,098,936
CLAMS, HARD, PUBLIC	2,700	864	226,000	50,172	228,700	51,036
CONCHS.	-	-	100	30	100	30
OSTERS, MARKET:						
PUBLIC:						
SPRING	18,500	5,550	2,204,200	625,993	2,222,700	631,543
FALL	12,000	3,600	2,566,300	728,634	2,578,300	732,434
PRIVATE:						
SPRING	12,900	3,870	108,300	30,757	121,200	34,627
FALL	23,600	7,080	73,700	20,931	97,300	28,011
TOTAL OYSTERS	67,000	20,100	4,952,500	1,406,515	5,019,500	1,426,615
SCALLOPS:						
BAY	-	-	212,900	67,702	212,900	67,702
CALICO	700	294	15,700	4,882	16,400	5,176
SQUID	3,400	507	24,700	2,150	28,100	2,657
TURTLES:						
GREEN	800	120	26,700	4,192	27,500	4,312
LOGGERHEAD	1,500	225	6,600	700	8,100	925
SOFT-SHELL	308,500	15,425	-	-	308,500	15,425
SPONGES:						
GRASS	-	-	1,600	9,621	1,600	9,621
SHEEPSWOOL	-	-	43,900	398,092	43,900	398,092
YELLOW	-	-	2,500	8,249	2,500	8,249
TOTAL SHELLFISH, ETC.	14,212,700	3,313,150	51,007,000	18,119,229	65,219,700	21,432,379
GRAND TOTAL	78,215,600	7,433,566	119,607,100	24,921,175	197,822,700	32,354,741

NOTE:--THE CATCH OF 10,609,200 POUNDS OF CATFISH AND BULLHEADS (VALUED AT \$1,451,337) AND 268,000 POUNDS OF SOFT-SHELL TURTLES (VALUED AT \$14,000) TAKEN FROM THE INLAND LAKES IS INCLUDED WITH THE CATCH FOR THE EAST COAST OF FLORIDA. FOR THE PURPOSE OF THIS REPORT THE "EAST COAST OF FLORIDA" INCLUDES THE COASTAL COUNTIES FROM NASSAU TO GADSDEN, INCLUSIVE, WHILE THE "WEST COAST OF FLORIDA" INCLUDES THOSE FROM MONROE TO ESCAMBIA, INCLUSIVE.



SHRIMP TRAWLER

SOUTH ATLANTIC FISHERIES

SOUTH ATLANTIC SHRIMP FISHERY

The 1962 landings of shrimp in the South Atlantic States amounted to 16.5 million pounds, heads-off weight--4.8 million pounds more than in the previous year. The dockside value of the catch totaled \$11.3 million--\$4.3 million more than in 1961, and a new record. Shrimp accounted for nearly half the amount received by fishermen for the catch of all fish and shell-fish landed in the South Atlantic States in 1962.

All States except Florida, East Coast, registered significant gains over the previous year in both volume and value of the shrimp catch. North Carolina landings increased by 101 percent, and the value was up 170 percent. South Carolina volume was up 76 percent and value, 101 percent; Georgia volume, 36 percent and value, 64 percent. Florida, East Coast volume declined 7 percent, but value increased 4 percent.

In North Carolina, the shrimp season in inside waters opened on May 14, with catches at the beginning averaging 100 to 150 pounds of heads-on shrimp per night. In August, the peak production month, the greater portion was taken from Pamlico Sound, but some good catches were also taken in offshore waters. The catch for the year totaled 3.6 million pounds, heads-off, valued at \$2.2 million. Brown shrimp (*Penaeus aztecus*) predominated in the catches, with landings of this species over three times those of 1961, when there was a "crop failure" of this species. Average ex-vessel price per pound for all species, heads-off weight, was 62 cents--an increase of 17 cents per pound over the 1961 average.

Shrimp landings at South Carolina ports increased from 2.3 million pounds, heads-off, in 1961 to 4.1 million pounds during 1962. A more normal abundance of brown shrimp was the major factor for the gain. Post larval sampling of shrimp populations by personnel of the State laboratory at Bears Bluff again proved to be a fairly accurate indicator for predicting commercial catches. Average ex-vessel price per pound for the South Carolina catch of shrimp increased from 56 cents in 1961 to 64 cents in 1962.

Among the South Atlantic States, Georgia remained the leader in shrimp landings, with approximately 5.5 million pounds (heads-off weight)--an increase of 1.4 million pounds over 1961. Greater brown shrimp landings accounted for most of the gain. White shrimp (*Penaeus setiferus*), which normally are the mainstay of the Georgia fleet, were less abundant than in the previous year, as evidenced by a decline in landings of about 120,000 pounds. The average ex-vessel price per pound of 71 cents, heads-off, in Georgia--13 cents over the 1961 average--was the highest among the South Atlantic States.

Florida, East Coast landings of shrimp (heads-off) were over 300,000 pounds below those of 1961. Landings of white shrimp were 1 million pounds less than the previous year, but an increase of approximately 800,000 pounds in landings of brown shrimp compensated for most of the decline. The average ex-vessel price per pound was 76 cents, heads-off, compared to 68 cents the previous year.

The very poor 1961 catches of brown and white shrimp in coastal and inshore waters prompted several vessel owners to seek other sources of income during periods when these shrimp were scarce. Early in 1962, approximately 22 vessels outfitted to fish for royal red shrimp in the deep waters (200 to 250 fathoms) off the northeast coast of Florida. A catch of 91,086 pounds was taken. This was the third venture in the fishery--in 1959, 4,000 pounds were landed; and in 1957, 38,515 pounds.

SOUTH ATLANTIC FISHERIES

The quantities shown in the following tables are based on the heads-off weight of the shrimp and are not directly comparable with the volume data published in the General Review, regional tables, or the Review of Certain Major Fisheries, which represent the round weight of the catch. The pounds of heads-off shrimp may be converted to heads-on weight by multiplying brown by 1.61; pink, 1.60; white, 1.54; and royal red by 1.80.

Detailed information on 1962 landings of shrimp in the South Atlantic States, by months for each State, was published in Current Fishery Statistics No. 3247, Revised. Data on the volume and value of shrimp, catch by species and size for the Gulf States, and by area of capture are included in Section 6 of this Digest.

SUMMARY OF SHRIMP LANDINGS, 1962

SIZE	BROWN		PINK		WHITE	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
UNDER 15	-	-	-	-	487	\$487
15 - 20	145,713	\$130,498	50,105	\$43,993	66,307	62,332
21 - 25	651,342	539,131	177,535	142,503	767,604	722,821
26 - 30	1,133,216	903,573	133,206	97,583	1,716,370	1,514,060
31 - 40	2,575,242	1,836,320	195,035	127,046	2,170,495	1,660,452
41 - 50	1,499,955	861,563	316,241	168,600	1,526,077	972,062
51 - 67	661,351	395,911	332,845	131,133	1,160,470	540,261
68 AND OVER	276,345	101,403	199,102	62,328	469,307	185,354
TOTAL	7,163,164	4,771,399	1,404,069	773,186	7,679,117	5,657,849

SIZE	ROYAL RED		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE
UNDER 15	-	-	487	\$487
15 - 20	27,809	-	262,125	236,823
21 - 25	51,239	\$22,970	1,624,290	1,427,325
26 - 30	7,219	40,788	3,036,031	2,536,004
31 - 40	7,219	5,053	4,947,991	3,630,871
41 - 50	2,263	1,461	3,344,536	2,003,726
51 - 67	1,135	571	2,375,801	1,068,876
68 AND OVER	1,421	565	946,175	349,670
TOTAL	91,086	71,348	16,537,436	11,273,782

SOUTH ATLANTIC SHRIMP LANDINGS, BY SPECIES AND SIZE, 1962

SPECIES AND SIZE	NORTH CAROLINA		SOUTH CAROLINA		GEORGIA	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BROWN:						
15 - 20	145,551	\$130,344	-	-	-	-
21 - 25	501,131	405,897	63,483	\$70,961	40,542	\$39,085
26 - 30	394,282	293,992	321,233	240,803	246,098	216,814
31 - 40	373,318	253,496	1,029,031	720,474	761,660	542,391
41 - 50	263,772	162,733	589,145	310,995	478,836	291,723
51 - 67	371,413	158,164	163,000	61,940	227,349	116,092
68 AND OVER	110,577	39,832	58,000	16,900	83,016	35,697
TOTAL	2,180,044	1,444,460	2,243,892	1,422,073	1,837,501	1,240,802
PINK:						
15 - 20	50,105	43,993	-	-	-	-
21 - 25	177,535	142,503	-	-	-	-
26 - 30	133,206	97,583	-	-	-	-
31 - 40	195,035	127,046	-	-	-	-
41 - 50	316,241	168,600	-	-	-	-
51 - 67	332,845	131,133	-	-	-	-
68 AND OVER	197,747	61,881	-	-	-	-
TOTAL	1,402,714	772,739	-	-	-	-

SEE NOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

SOUTH ATLANTIC FISHERIES

SOUTH ATLANTIC SHRIMP LANDINGS,
BY SPECIES AND SIZE, 1962 - Continued

SPECIES AND SIZE	NORTH CAROLINA		SOUTH CAROLINA		GEORGIA	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
WHITE:						
21 - 25	2,427	\$2,257	31,439	\$26,722	401,187	\$381,743
26 - 30	1,165	1,025	229,283	183,743	765,128	704,284
31 - 40	6,438	4,946	796,091	574,359	757,722	606,439
41 - 50	20,720	12,584	546,000	327,600	580,121	395,828
51 - 67	1,648	934	234,284	73,401	636,650	322,404
68 AND OVER	345	138	21,000	4,620	425,680	172,669
TOTAL	32,743	21,884	1,858,097	1,190,445	3,586,488	2,583,367
ROYAL RED:						
21 - 25	-	-	-	-	17,352	14,444
26 - 30	-	-	-	-	43,776	34,845
31 - 40	-	-	-	-	5,642	3,843
41 - 50	-	-	-	-	1,785	1,183
51 - 67	-	-	-	-	1,195	571
68 AND OVER	-	-	-	-	1,421	585
TOTAL	-	-	-	-	71,111	55,471
GRAND TOTAL	3,615,501	2,239,083	4,101,989	2,612,518	5,495,100	3,879,640

SPECIES AND SIZE	FLORIDA, EAST COAST		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE
BROWN:				
15 - 20	26,162	\$154	145,713	\$130,498
21 - 25	26,166	24,188	651,342	539,131
26 - 30	171,603	151,964	1,133,216	903,573
31 - 40	411,233	321,957	2,575,242	1,838,320
41 - 50	148,202	96,112	1,499,955	861,563
51 - 67	119,589	60,715	881,351	396,911
68 AND OVER	24,752	8,974	276,345	101,403
TOTAL	901,727	664,064	7,163,164	4,771,399
PINK:				
15 - 20	-	-	50,105	43,993
21 - 25	-	-	177,535	142,503
26 - 30	-	-	133,206	97,583
31 - 40	-	-	195,035	127,046
41 - 50	-	-	316,241	168,600
51 - 67	-	-	332,845	131,133
68 AND OVER	1,355	447	199,102	62,328
TOTAL	1,355	447	1,404,069	773,186
WHITE:				
UNDER 15:	487	487	487	487
15 - 20	66,307	62,332	66,307	62,332
21 - 25	332,551	312,099	767,604	722,821
26 - 30	702,794	625,008	1,718,370	1,514,060
31 - 40	610,244	474,708	2,170,495	1,660,452
41 - 50	379,236	236,070	1,526,077	972,082
51 - 67	287,888	143,522	1,160,470	540,261
68 AND OVER	22,282	7,927	469,307	185,354
TOTAL	2,401,789	1,862,153	7,879,117	5,657,849
ROYAL RED:				
21 - 25	10,457	9,426	27,609	22,870
26 - 30	7,463	5,943	51,239	40,788
31 - 40	1,577	1,210	7,219	5,053
41 - 50	478	298	2,263	1,481
51 - 67	-	-	1,135	571
68 AND OVER	-	-	1,421	585
TOTAL	19,975	15,877	91,086	71,348
GRAND TOTAL	3,324,846	2,542,541	16,537,436	11,273,782

NOTE:--ALL WEIGHTS ARE ON HEADS-OFF BASIS. THE SIZE INDICATES THE NUMBER OF HEADS-OFF SHRIMP TO THE POUND. TO CONVERT TO HEADS-ON MULTIPLY BY 1.61 FOR BROWN, 1.60 FOR PINK, 1.54 FOR WHITE, 1.53 FOR SEA BOBS, AND 1.80 FOR ROYAL RED. THE AREAS LISTED REPRESENT THE STATES WHERE THE SHRIMP WERE LANDED REGARDLESS OF WHERE CAUGHT. THE NAMES OF THE SPECIES USED IN THESE TABLES ARE AS FOLLOWS: WHITE SHRIMP (MOSTLY PENAEUS SETIFERUS), BROWN SHRIMP (PENAEUS AZTECUS, AND IN SOME CASES PENAEUS BRASILIENSIS), PINK SHRIMP (PENAEUS DODDARUM), SEA BOBS (MOSTLY XIPHOPEANUS KROYERI), AND ROYAL RED (HYMENOPANAEUS ROBUSTUS). THE VALUE REPORTED IS THE AMOUNT RECEIVED BY THE OWNERS OR OPERATORS OF THE VESSEL FOR THE FIRST SALE AT THE DOCK. ANY EXPENSES INVOLVED IN HANDLING OR PROCESSING ASHORE ARE NOT INCLUDED, EVEN THOUGH CHARGEABLE TO THE VESSEL. THE SIZE REPORTED GENERALLY IS THAT USED AS OF THE FIRST SALE. SIZE GRADING IN VARYING DEGREES OF UNIFORMITY MAY OR MAY NOT OCCUR AT OR PRIOR TO, THE TIME FIRST SALES ARE MADE. IF GRADING IS NOT DONE AT THIS TIME, THE SIZE REPORTED IS AN AVERAGE SIZE AND MAY INCLUDE SEVERAL SIZE CLASSIFICATIONS.

SURVEY PROCEDURE IN THE SOUTH ATLANTIC STATES

Statistical programs in the South Atlantic States are under the general supervision of the Bureau's Regional Office in St. Petersburg Beach, Fla., and direct supervision of a Regional Supervisor stationed in New Orleans, La. Collection of data is carried out by Fishery Reporting Specialists trained in obtaining and reporting fishery statistical data. They are stationed in Beaufort, N.C.; Charleston, S.C.; Brunswick, Ga.; and Miami, Fla. Supervisory field personnel are also stationed in Beaufort, N.C. and Miami, Fla.

Catch Statistics: The collection of catch statistics is a joint venture of the Bureau of Commercial Fisheries and the States of North Carolina, South Carolina, Georgia, and Florida. Standard forms designed for the needs of each State, the Bureau, and industry are used to collect catch data in each State. Forms are mailed to dealers or buyers each month with a request that they be completed and returned by a specified date. The forms provide for reporting the pounds and value of the species purchased from fishermen, or caught by the producers' fleets. Forms not returned by the deadline date are picked up by Bureau or State employees. The data, which are tabulated for publication in monthly landings bulletins for the various States, show the volume of the catch of each species by county or district and the total value of each species.

When there are revisions in the monthly data already published, corrections are made in the cumulative totals in the current monthly bulletin. The revised figures for the individual months appear in the annual bulletin. Field reporting specialists interview fishermen and dealers to obtain annual information on the quantity of each species taken by the types of gear operated and the various bodies of water in which the catch was made. When the interviewing has been completed and the catch has been credited to the respective gears and water areas, an annual report is prepared on a specially designed form showing volume and value of the catch by species, gear, and area of capture. The forms are then forwarded to the Washington Office where the data are machine processed. The figures are reviewed in the Central office and by field personnel concerned with the survey. When all discrepancies have been reconciled, the data are published in a sectional summary in the Current Fishery Statistics series entitled "South Atlantic Fisheries" and, subsequently, in the Digest, "Fishery Statistics of the United States."

Data on the catch by water area for the South Atlantic States are not published. However, the information is machine processed and supplied to State and federal offices and laboratories in the area. Information on the catch by counties has not been published in the Digest since 1960. However, the data are prepared and copies of the tabulations are maintained in the Central office.

Operating Units: Field reporting specialists are supplied with a set of prepunched IBM vessel cards obtained from the Bureau of Customs. The cards are prepunched with the following information: name, official number, rig code, gross tonnage, length, and year built. The reporting specialist, through interviews, obtains data on the number of crew; and number, type, and quantity of gear utilized by the vessel during the year. The number and quantity of gear is the greatest quantity fished at one time. It does not include replacement gear aboard the vessel or ashore.

When the reporter has completed the entries on the vessel cards, they are forwarded to the Regional Supervisor who arranges for the punching and tabulating of the data. The tabulations are then forwarded to the reporter who prepared operating unit tables for the State. Data on the shore and boat fishery (those craft of less than 5 net tons and fishermen operating without benefit of craft along the shore) which have been assembled by the reporter by personal interview and from State records are entered on the State operating unit tables in much the same manner as for the vessel fishery. Lists of boat and shore fishermen are usually maintained in the files of the reporter.

When all reconciliation of the data has been accomplished in the Region, the operating unit tabulations are forwarded to the Washington office. If discrepancies are discovered, these are reconciled. Summary operating unit data are then published in a section CFS bulletin entitled "South Atlantic Fisheries." These data and detailed information on the operating units by gear are published in the annual Digest. Information on the operating units by counties is prepared but has not been published in the Digest since 1960. Copies of the tabulations are prepared each year and are on file in the Central office.

Processed Fishery Products: Information on the production of processed fishery products (canned, fresh and frozen packaged fish and shellfish, smoked and salted items, and

SOUTH ATLANTIC FISHERIES

industrial fishery products) is obtained from processors through the use of especially designed questionnaires. Data are obtained on the monthly production of fish meal, oil, and solubles, and fish sticks and portions and published currently during the year. Statistics on the production of other processed products are obtained annually.

Individual monthly and annual reports are forwarded to the Washington office for tabulation and publication of the data. Monthly data are published in bulletins entitled "Fish Meal and Oil" and "Fish Sticks and Portions." The latter is released quarterly. Annual data are released in bulletins entitled "Canned Fishery Products;" "Industrial Fishery Products" (fish meal, oil, and solubles, etc.); "Packaged Fish" (fresh and frozen fillets and steaks); and "Manufactured Fishery Products." The latter report contains a summary of the data contained in the monthly and annual processed bulletins and also information on the annual production of packaged shellfish and cured fishery products.

The Fishery Market News office in Hampton, Va., covers part of the North Carolina area on a daily basis. Persons interested in current day-to-day trends should consult that office. The monthly landings bulletins represent the best available information on a monthly and seasonal basis and the Statistical Digest represents the most complete annual data available in Bureau records.

Annual statistical surveys of the fisheries of the South Atlantic States have been made for the following years:

Data for:	Title of Publication
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1880	The Fisheries and Fishery Industries of the United States, Section II, Senate Document No. 124, 47th Congress, 1887
1887	Report of the Commissioner of Fisheries for 1888
1888	Report of the Commissioner of Fisheries for 1888
1889	Bulletin of the United States Fish Commission, 1891
1890	Bulletin of the United States Fish Commission, 1891
1897	Report of the Commissioner of Fisheries for the Year Ending June 30, 1889
1902	Report of the Commissioner of Fisheries for the Year Ending June 30, 1903
1908	Fisheries of the United States, 1908, Bureau of the Census
1918	Fishery Industries of the United States, 1920
1923	Fishery Industries of the United States, 1924
1927	Fishery Industries of the United States, 1928
1928	Fishery Industries of the United States, 1929
1929	Fishery Industries of the United States, 1930
1930	Fishery Industries of the United States, 1931
1931	Fishery Industries of the United States, 1932
1932	Fishery Industries of the United States, 1932
1934	Fishery Industries of the United States, 1935
1936	Fishery Industries of the United States, 1937
1937	Fishery Industries of the United States, 1938
1938	Fishery Industries of the United States, 1939
1939	Fishery Statistics of the United States, 1939
1940	Fishery Statistics of the United States, 1940
1945	Fishery Statistics of the United States, 1945
1950	Fishery Statistics of the United States, 1950
1951	Fishery Statistics of the United States, 1951
1952	Fishery Statistics of the United States, 1952
1953	Fishery Statistics of the United States, 1953
1954	Fishery Statistics of the United States, 1954
1955	Fishery Statistics of the United States, 1955
1956	Fishery Statistics of the United States, 1956
1957	Fishery Statistics of the United States, 1957
1958	Fishery Statistics of the United States, 1958
1959	Fishery Statistics of the United States, 1959
1960	Fishery Statistics of the United States, 1960
1961	Fishery Statistics of the United States, 1961
1962	Fishery Statistics of the United States, 1962

SECTION 6 - GULF FISHERIES

The 1962 commercial catch of fish and shellfish landed at ports of the Gulf States (West Coast of Florida, Alabama, Mississippi, Louisiana, and Texas) was over 1.4 billion pounds with a dockside value of \$94.5 million. Both the volume and value set new highs. Record menhaden landings and the highest ex-vessel shrimp prices in history were the major factors involved. Compared with 1961 landings, the volume increased by about 60 million pounds and the value by nearly \$19 million. While the increase in value was reflected in gains in each of the States, ranging from a low of \$434,000 in Mississippi to a high of \$7.5 million in Louisiana, such was not the case with volume. Texas and Mississippi landings declined 31.1 and 21.6 million pounds, respectively, due to reduced menhaden landings; Florida West Coast landings declined 5.8 million pounds as a result of a poor year in the crab fishery and smaller catches of shrimp in local waters. Louisiana, the national leader in volume of landings since 1958, reached a new high with 766.5 million pounds--an increase of 118.2 million pounds over the record for the State established the previous year.

Fishermen. In the Gulf, 23,212 commercial fishermen were employed in 1962, an increase of 968 over the previous year. The additional men were engaged in small-boat fisheries or in shore fisheries. Substantial variations in this category of fishermen are common and depend upon the economic status of the fisheries in relation to that afforded by employment in other industries. In the vessel category (craft of over 5 net tons), there were 48 fewer vessels than in 1961 and 149 less crewmen. Two major factors caused this decline--several shrimp vessel owners shifted their operation to South and Central America; and fewer than the normal number of trawlers migrated to the Gulf because excellent shrimp catches could be made along the South Atlantic Coast.

Processing. The value of processed fishery items produced in the Gulf reached a new record value of \$169.9 million--an increase of \$26 million over the previous year. Processed shrimp products (raw headless, breaded, canned, etc.) accounted for 65 percent of the total value. Gulf firms produced the two most valuable packaged fishery items in the nation--47.6 million pounds of frozen raw headless shrimp valued at \$43.7 million, and 41.1 million pounds of breaded shrimp valued at \$33.4 million. Employment of 17,017 persons by 820 Gulf fishery wholesale and processing firms during the peak of operations in 1962 was a major contribution to the economy of many coastal communities.

Weather. Adverse weather conditions were no worse than those that usually limit fishing activities in the course of a year. For the second successive year, a freeze enveloped the Gulf area during January, and temperatures continued as low as 10° to 12° F. for up to 3 days in some coastal communities. As a result of the freeze, shore plants suffered minor damage, mostly broken water pipes, and the engines of a few vessels were damaged. Drought conditions prevailed throughout most of the States. In Louisiana, Weather Bureau records indicated that 1962 was the driest year since 1938, and the second driest since 1917.

Fishing trends. Most of the major fisheries registered gains over the previous year. Shrimp landings were up 6 percent; menhaden, 4 percent; oysters, 3 percent; and industrial fish, 24 percent. The crab fishery marred an otherwise bright picture with landings 27 percent below those of 1961.

Shrimp. Increased shrimp landings, 141.7 million pounds valued at \$60.6 million, and record high ex-vessel prices were gratifying to members of the industry, particularly in view of the depressed economic conditions which had prevailed in 1959 as a result of very low prices, and again in 1961, when Gulf production reached the lowest ebb since 1949. While total landings were only 7.9 million pounds greater than those of 1961, the value increased \$16.9 million.

GULF FISHERIES

Interest in the shrimp potential off foreign coasts continued as two Gulf shrimp companies began constructing shore plant and docking facilities in French Guiana. When these facilities were completed, it was anticipated that at least 50 shrimp vessels from the Gulf States would shift their operations to the area. During prior years, other Gulf companies have established similar bases of operations in Honduras, British Guiana, and Nicaragua.

Menhaden. For the fourth consecutive year, menhaden landings at Gulf ports established a new record, 1,057 million pounds valued at \$12 million, surpassing the previous high in 1961 by 36 million pounds. These landings helped to place 4 Gulf ports among the top 10 ports in the nation in terms of volume of landings. Pascagoula, Miss. was ranked second in the nation; Empire, La., fourth; Cameron, La., fifth; and Morgan City, La. was eighth. Some of the menhaden companies have plants in each of the producing States, but during 1962 they concentrated in their Louisiana plants because of the abundance of menhaden in local waters. As a result, Louisiana landings increased by 107 million pounds, whereas Mississippi and Texas landings declined 38 and 30 million pounds, respectively. The market for menhaden meal and scrap was very good, with an average price of \$119 per ton for the entire area--an increase of approximately \$14 per ton over 1961. Solubles averaged \$50 per ton--an increase of \$10 per ton over 1961. The oil market, which began to weaken during the final quarter of 1961, strengthened slightly, but inventories were rather high at the close of the year. Average price per gallon was about 34 cents--11 cents below the 1961 average.

Other Industrial Fish. Landings of fish, other than menhaden, for industrial use (bait, reduction, and animal food) also established a new record, eclipsing the previous record landings of 83 million pounds, established in 1960, by 13.9 million pounds. Most of these fish were used as the principal ingredient in canned pet food; however, quantities were processed for fish meal, and some were frozen whole for use in feeding fur-bearing animals.

Oysters. Total oyster landings (converted to weight of meats), 18.8 million pounds valued at \$5.9 million, compared with 1961 increased by 600,000 pounds and the value by \$773,000. Alabama and Mississippi landings were less than in 1961, while those for Texas and Louisiana were slightly higher. Florida, West Coast continued its growth as a major Gulf producer with landings exceeding those of the previous record year, 1961, by 1.7 million pounds (52 percent).

Divergent conditions prevailed in the oyster industry during 1962. Producers of shell and shucked oysters capitalized on the strong market demand created by the continuing shortage of oysters in the Chesapeake area and had another good year. Oyster canners, on the other hand, curtailed operations because of a liberal carryover from 1961 and an ever-increasing volume of imported canned oysters. These conditions were reflected in the yield of processed products--production of shucked oysters was 257,000 gallons (27 percent) greater than in 1961, whereas the canned pack of oysters decreased by over 130,000 standard cases (40 percent).

Management programs designed to improve oyster resources were continued by each of the States with primary emphasis on shell planting, a practice designed to bolster the production of seed oysters. Mississippi and Alabama completed programs involving the transfer of oysters from polluted to clean areas. Mississippi also experimented with the transfer of 30,000 barrels of seed oysters from high-salinity areas offshore to old established reefs in inshore waters. Followup studies were to determine survival and growth of the transferred oysters. Initial observations indicated mortality to be very low--approximately 1.4 percent.

Crabs. Landings of crabs, 26.8 million pounds valued at \$1.7 million, were 9.5 million pounds below those of 1961 and the smallest for the Gulf area since 1958. On a percentage basis, Mississippi was hardest hit with landings 64 percent lower than in 1961; Florida West Coast landings declined 38 percent; Alabama, 24 percent; and Louisiana, 21 percent. Texas landings, however, established a new record of 4.5 million pounds and were 56 percent greater than in 1961. Production of soft shell crabs, principally in Louisiana, was also well below the 1961 level. The shortage of crabs was a major factor in the price advance for crab meat. The average price per pound for the entire Gulf was \$1.06, compared with 94 cents in the previous year.

Edible finfish. Total landings of fish used primarily for human consumption, consisting of some 50 species, were 92.6 million pounds--about 6 million more than in 1961.

Landings of red snapper, usually the most valuable in terms of average price per pound, were 11.9 million pounds--about the same as in 1961. While there has been a gradual up-dating of the red snapper fleet as a result of newly constructed vessels entering the fishery, it is interesting to note that the oldest commercial fishing vessel in the nation is active in this fishery. The vessel, now named Virginia, was built in 1865 at Fish River, Ala.

Landings of spanish and king mackerel, with fishing concentrated in Florida waters, increased 72 and 20 percent, respectively. Catches of spanish mackerel were sporadic until a December "schooling up" of fish occurring off Marathon enabled fishermen to make two to four trips per day and resulted in a record 1.9 million pounds landed for that month.

Compared with landings of the previous year, there was a mixed trend for other choice species. Fresh-water catfish landings were down 3 percent and spotted trout, 5 percent. Red drum landings were up 21 percent; grouper, up 12 percent; and flounder, up 8 percent.

Total mullet landings increased by about one-half million pounds over those of the previous year; however, landings at Florida, West Coast ports--the principal production area--were nearly the same as in 1961, when 33.4 million pounds were landed. Efforts to expand markets for mullet continued, and as an aid to market promotion, Florida officially adopted the Spanish name, Lisa, for this species. Canning mullet was fairly successful; however, the cost was rather high since fillets were necessary for the most satisfactory pack.

Research. While research activities of most of the States were concentrated on shrimp and oysters, research on other species, comprising both sport and commercial catches, was undertaken commensurate with available funds. In an attempt to develop a new fishery, the Florida Department of Conservation released approximately 500 Samoan crabs (*Scylla serrata*) in selected coastal waters of Collier, Dade, Monroe, and Citrus Counties. These crabs were shipped via air, in lots of 50-100, from Hawaii. During the summer of 1962, some of the female crabs were observed to be carrying eggs. It will probably be late in 1963 before it can be determined whether reproduction was successful.

Legislation. Fishery legislation was enacted by some States during 1962. Louisiana changed the boundary of inside waters, with relation to the shrimp fishery, from 3 miles offshore to the coastline. Texas reduced the minimum size limitation on oysters taken from private reefs from 3-1/2 inches (measured from hinge to mouth) to 2-1/2 inches. Additional legislation allowed net fishing in certain portions of Galveston Bay which formerly had been closed to this type of gear. Florida enacted legislation which limited shell oysters shipped out-of-State to only the "half shell" or raw bar trade. The Mississippi Legislature passed a bill giving the Marine Conservation Commission authority to sell dead reef shell, with 10 percent of the money derived from such sales to go to the Gulf Coast Research Laboratory.

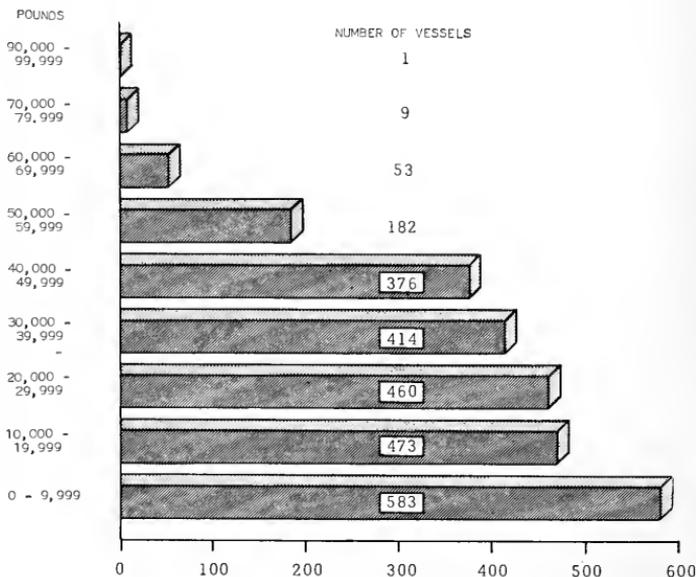
GULF FISHERIES

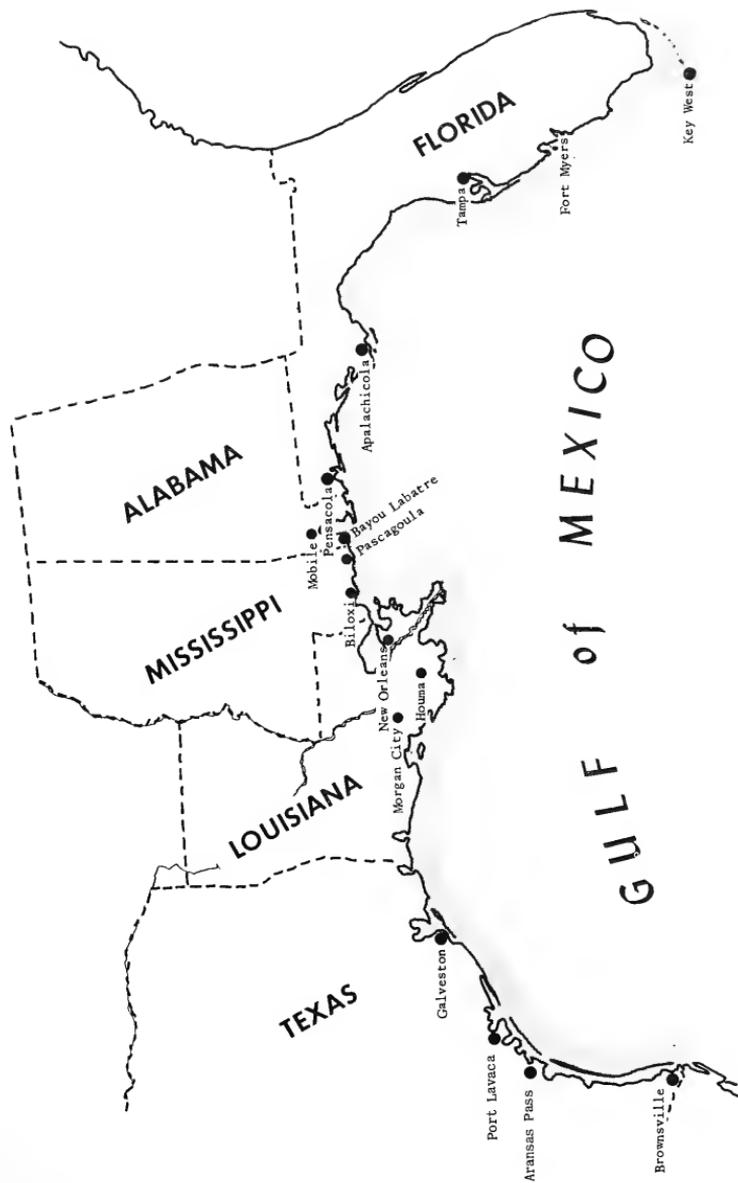
Research Laboratories. Construction neared completion on two research laboratories at Dauphin Island, Ala. The State-owned laboratory will be used by the Seafood Division of the Department of Conservation and the University of Alabama under a cooperative agreement. The other laboratory will serve as the Gulf Coast Shellfish Sanitation Research Center of the U.S. Public Health Service.

Further Information. Condensed summary data on operating units and catch by States appearing on the following pages have been previously published in Current Fishery Statistics Bulletin No. 3373. Data on the catch and operating units of the East Coast of Florida and the entire State of Florida may be found in Section 5 of this Digest. Seasonal variations of the catch of fish and shellfish in Florida, Alabama, Mississippi, Louisiana, and Texas can be ascertained from monthly landing bulletins issued currently for these States in cooperation with the fishery agencies of each State. Additional aspects of the Gulf fisheries may be found in daily, monthly, and annual reports published by the Bureau's Fishery Market News Service, Federal Building, 600 South Street, New Orleans, La., 70130. Specific and detailed accomplishments of the Bureau are contained in Report of the Bureau of Commercial Fisheries, Calendar Year 1962, and Operations of the Bureau of Commercial Fisheries Under the Saltonstall-Kennedy Act, Fiscal Year 1962.

Acknowledgments. The Bureau acknowledges the assistance of the following organizations in the collection of the data appearing in this Section; Florida State Board of Conservation; Marine Laboratory, University of Miami; Alabama Department of Conservation, Commercial Seafoods Division; Mississippi Marine Conservation Commission; Louisiana Wild Life and Fisheries Commission; and Texas Game and Fish Commission.

CATCH BY SHRIMP VESSELS IN THE GULF OF MEXICO, 1962





GULF FISHERIES

SECTIONAL SUMMARIES SUMMARY OF CATCH, 1962 (MILLIONS OF POUNDS AND MILLIONS OF DOLLARS)

STATE	FISH		SHELLFISH, ETC.		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
FLORIDA, WEST COAST	69	7	51	18	120	25
ALABAMA	4	1	5	2	9	3
MISSISSIPPI	361	5	9	3	370	8
LOUISIANA	702	10	64	19	766	29
TEXAS	110	2	62	28	172	30
TOTAL	1,246	25	191	70	1,437	95

NOTE:--FOR THE PURPOSE OF THIS REPORT THE "WEST COAST OF FLORIDA" INCLUDES THE COASTAL COUNTIES FROM MONROE TO ESCAMBIA, INCLUSIVE.

SUMMARY OF OPERATING UNITS, 1962

ITEM	FLORIDA, WEST COAST	ALABAMA	MISSIS- SIPPI	LOUISI- ANA	TEXAS	TOTAL, EXCLUSIVE OF DUPLI- CATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS	3,311	565	2,033	3,803	3,904	10,698
ON BOATS AND SHORE:						
REGULAR	3,132	641	750	3,514	614	8,591
CASUAL	1,431	169	413	1,296	614	3,923
TOTAL	7,874	1,375	3,196	8,613	5,332	23,212
VESSELS, MOTOR	1,116	183	554	1,117	1,324	3,219
GROSS TONNAGE	43,877	5,951	24,477	45,305	67,027	137,368
BOATS:						
MOTOR	3,361	545	1,013	3,796	1,168	9,639
OTHER	222	119	123	130	45	638
GEAR:						
HAUL SEINES, COMMON	84	1	-	16	28	129
LENGTH, YARDS	60,900	300	-	5,467	7,000	73,667
PURSE SEINES:						
MENHADEN	-	-	21	45	12	72
LENGTH, YARDS	-	-	8,800	18,640	5,900	30,925
OTHER	2	-	-	-	-	2
LENGTH, YARDS	400	-	-	-	-	400
OTTER TRAWLS:						
FISH	-	-	120	8	-	128
YARDS AT MOUTH	-	-	2,276	132	-	2,408
SHRIMP	1,657	492	1,056	3,939	3,237	8,524
YARDS AT MOUTH	25,287	6,983	14,841	55,060	45,155	119,716
FYKE AND HOOP NETS, FISH . .	-	450	-	10,605	15	11,070
POTS AND TRAPS:						
CRAB:						
BLUE	32,059	4,000	5,065	2,010	9,220	52,354
OTHER	14,610	-	-	-	-	14,610
CRAWFISH	-	-	-	6,828	-	6,828
FISH	6	250	-	-	-	256
LOBSTER, SPINY	58,280	-	-	-	-	58,280
GILL NETS:						
ANCHOR, SET OR STAKE	11	-	-	78	74	163
SQUARE YARDS	8,100	-	-	45,293	44,800	98,193
DRIFT	10	-	-	-	-	10
SQUARE YARDS	42,200	-	-	-	-	42,200
RUNAROUND	1,159	6	4	11	-	1,180
SQUARE YARDS	1,739,080	3,375	2,400	5,660	-	1,750,515
TRAMMEL NETS	301	112	40	78	103	634
SQUARE YARDS	521,705	112,000	28,600	17,516	71,944	751,765
LINES:						
HAND	2,716	147	178	2,271	746	5,844
HOOKS	6,614	762	864	3,324	1,871	11,997
TROLL	1,465	-	-	-	-	1,465
HOOKS	1,465	-	-	-	-	1,465
LONG OR SET WITH HOOKS . . .	32	2	1	1,685	115	1,835
HOOKS	1,550	600	1,000	648,460	269,000	920,610
TROT WITH BAITS	18	7	13	643	2	683
BAITS	13,600	3,500	6,500	424,650	400	448,650
SNAG	-	150	-	-	-	150
HOOKS	-	45,000	-	-	-	45,000

(CONTINUED ON NEXT PAGE)

SUMMARY OF OPERATING UNITS, 1962 - Continued

ITEM	FLORIDA, WEST COAST	ALABAMA	MISSIS- SIPPI	LOUISI- ANA	TEXAS	TOTAL, EXCLUSIVE OF DUPLI- CATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
GEAR - CONTINUED:						
DJP NETS:						
COMMON	31	-	-	11	42	84
DROP	120	-	-	23,436	-	23,556
CAST NETS	12	-	6	-	-	18
SPEARS	40	24	16	9	160	251
DREGGES:						
OYSTER, COMMON	2	-	350	642	140	1,126
YARDS AT MOUTH	3	-	445	825	140	1,401
SCALLOP	131	-	-	-	-	131
YARDS AT MOUTH	133	-	-	-	-	133
TONGS:						
OYSTER	621	569	679	404	36	2,267
OTHER	9	-	-	-	-	9
RAKES	7	-	-	-	-	7
BRUSH TRAPS	-	-	-	39,950	-	39,950
GRABS, FROG	-	-	-	63	-	63
HOOKS, SPONGE	61	-	-	-	-	61
DIVING OUTFITS	16	-	-	-	-	16



CATCH BY STATES, 1962

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	FLORIDA, WEST COAST		ALABAMA		MISSISSIPPI	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
FISH						
ALEWIVES	1,002	40	-	-	-	-
AMBERJACK	10	(1)	-	-	-	-
BALLYHOO	44	6	-	-	-	-
BARRACUDA	3	(1)	-	-	-	-
BLUEFISH	944	79	1	(1)	4	(1)
BLUE RUNNER	1,206	26	1	(1)	-	-
BONITO	3	(1)	-	-	-	-
BUFFALOFISH	-	-	40	5	-	-
CASIO	17	1	4	(1)	2	(1)
CATFISH AND BULLHEADS	60	9	50	12	-	-
CIGARFISH	299	22	-	-	-	-
CREVALLE	916	26	-	-	-	-
CROAKER	62	7	20	1	5	(1)
DOLPHIN	16	1	-	-	-	-
DRUM:						
BLACK	58	2	2	(1)	22	2
RED	1,307	149	13	2	76	12
FLOUNDER	148	31	98	12	60	7
GROUPERS	6,977	712	237	26	246	28
GRUNTS	63	4	-	-	-	-
HOGFISH	14	2	-	-	-	-
JEWFISH	48	4	16	1	-	-
KING MACKEREL	2,021	216	-	-	-	-
KING WHITING OR "KINGFISH"	144	7	201	10	266	19
MENHADEN	20	1	-	-	263,574	2,917
MOJARRA	146	10	-	-	-	-
MULLET:						
BLACK	32,820	1,836	1,447	71	507	26
SILVER	466	30	-	-	-	-
PADDLEFISH	-	-	2	(1)	-	-
PERMIT	14	1	-	-	-	-
PIGFISH	5	1	-	-	-	-
POMPANO	600	476	3	2	1	(1)
SCUP OR PORGY	52	4	-	-	-	-

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

GULF FISHERIES

CATCH BY STATES, 1962 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	FLORIDA, WEST COAST		ALABAMA		MISSISSIPPI	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
FISH - CONTINUED						
SEA CATFISH	118	7	15	1	49	3
SEA TROUT OR WEAKFISH:						
SPOTTED	2,627	625	38	10	112	28
WHITE	55	7	62	3	64	5
SHARKS, UNCLASSIFIED	7	(1)	-	-	-	-
SHEEPSHEAD:						
FRESH-WATER	-	-	32	4	-	-
SALT-WATER	77	7	22	1	44	4
SNAPPER:						
MANGROVE	338	54	-	-	-	-
MUTTON	142	30	-	-	-	-
RED	5,375	1,328	1,893	495	2,176	544
VERMILION	41	6	-	-	-	-
YELLOWTAIL	910	206	-	-	-	-
SPANISH MACKEREL	6,869	673	38	4	3	(1)
SPANISH SARDINE	47	1	-	-	-	(1)
SPOT	296	16	14	1	4	(1)
STURGEON	12	2	4	(1)	-	-
TENPOUNDER	375	16	-	-	-	-
TITLEFISH	4	(1)	-	-	-	-
TRIGGERFISH	6	(1)	-	-	-	-
TRIPLETAIL	2	(1)	-	-	2	(1)
TUNA, YELLOWFIN	-	-	-	-	37	4
WARSAW	215	14	-	-	-	-
UNCLASSIFIED:						
FOR FOOD	1,137	80	-	-	-	-
BAIT, REDUCTION, AND ANIMAL FOOD	460	14	-	-	93,714	1,572
TOTAL FISH	65,600	6,801	4,253	663	360,988	5,171
SHELLFISH, ETC.						
CRABS:						
BLUE:						
HARD	10,356	467	634	35	907	55
SOFT AND PEELER	(1)	(1)	-	-	2	(1)
STONE	557	196	-	-	-	-
TOTAL CRABS	10,913	663	634	35	909	55
LOBSTERS, SPINY	2,435	928	-	-	-	-
SHRIMP	32,146	14,556	3,748	1,647	6,104	2,220
CLAMS, HARD, PUBLIC	226	50	-	-	-	-
CONCHS	(1)	(1)	-	-	-	-
OYSTERS, MARKET:						
PUBLIC:						
SPRING	2,204	626	137	44	1,470	346
FALL	2,566	729	166	75	512	170
PRIVATE:						
SPRING	108	31	128	40	91	21
FALL	74	21	12	5	-	-
TOTAL OYSTERS	4,952	1,407	443	164	2,073	537
SCALLOPS:						
BAY	213	68	-	-	-	-
CALICO	16	5	-	-	-	-
SQUID	25	2	3	(1)	-	-
TURTLES:						
GREEN	27	4	-	-	-	-
LOGGERHEAD	6	1	-	-	-	-
TOTAL TURTLES	33	5	-	-	-	-
SPONGES:						
GRASS	2	10	-	-	-	-
SHEEPSWOOL	44	398	-	-	-	-
YELLOW	2	6	-	-	-	-
TOTAL SHELLFISH, ETC.	51,007	18,120	4,828	1,846	9,086	2,812
GRAND TOTAL	119,607	24,921	9,081	2,509	370,074	7,983

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

GULF FISHERIES

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CATCH BY STATES, 1962 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	LOUISIANA		TEXAS		TOTAL	
	FISH	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
ALEWIVES	-	-	-	-	1,002	40
AMBERJACK	-	-	-	-	10	(1)
BALLYHOO	-	-	-	-	44	6
BARRACUDA	-	-	-	-	3	(1)
BLUEFISH	-	-	-	-	949	79
BLUE RUNNER	-	-	-	-	1,209	26
SONITO	-	-	-	-	3	(1)
BOWFIN	5	(1)	-	-	5	(1)
BUFFALOFISH	564	60	73	7	677	72
CABIO	2	(1)	12	1	37	2
CARP	19	1	-	-	19	1
CATFISH AND BULLHEADS	6,165	1,272	69	16	6,364	1,311
CIGARFISH	-	-	1	(1)	300	22
CREVALLE	-	-	-	-	916	26
CROAKER	7	(1)	13	(1)	107	8
DOLPHIN	-	-	-	-	16	1
DRUM:						
BLACK	309	19	1,373	105	1,764	128
RED	567	88	699	171	2,662	422
FLOUNDER	216	33	211	51	733	134
GARFISH	471	26	61	2	532	26
GROUPERS	53	6	114	11	7,627	785
GRUNTS	-	-	-	-	63	4
HOGFISH	-	-	-	-	14	2
JEWFISH	4	(1)	(1)	(1)	68	5
KING MACKEREL	-	-	-	-	2,021	216
KING WHITING OR "KINGFISH"	460	23	79	4	1,170	63
MENHADEN	689,157	7,994	103,674	1,137	1,056,625	12,049
MOJARRA	-	-	-	-	146	10
MULLET:						
BLACK	8	(1)	53	2	34,835	1,937
SILVER	-	-	-	-	466	30
PADDOLEFISH	5	1	-	-	7	1
PERMIT	-	-	-	-	14	1
PIGFISH	-	-	-	-	5	1
POMPANO	2	1	2	1	608	482
SAWFISH	5	(1)	-	-	5	(1)
SCUP OR PORGY	-	-	-	-	52	4
SEA CATFISH	108	5	47	4	337	20
SEA TROUT OR WEAKFISH:						
SPOTTED	309	73	989	249	4,075	985
WHITE	115	6	-	-	296	21
SHARKS, UNCLASSIFIED	2	(1)	-	-	9	(1)
SHEEPSHEAD:						
FRESH-WATER	437	39	1	(1)	470	43
SALT-WATER	152	12	109	10	404	34
SNAPPER:						
MANGROVE	-	-	-	-	338	54
MUTTON	-	-	-	-	142	30
RED	694	157	1,742	444	11,860	2,968
VERMILION	-	-	-	-	41	6
YELLOWTAIL	-	-	-	-	910	206
SPANISH MACKEREL	1	(1)	1	(1)	6,912	677
SPANISH SARDINE	-	-	-	-	47	1
SPOT	2	(1)	-	-	316	19
STURGEON	-	-	-	-	16	2
TENPOUNDER	-	-	-	-	375	16
TILEFISH	-	-	-	-	4	(1)
TRIGGERFISH	-	-	-	-	6	(1)
TRIPLETAIL	3	(1)	-	-	7	(1)
TUNA, YELLOWFIN	-	-	-	-	37	4
WARSAW	-	-	76	8	291	22
UNCLASSIFIED:						
FOR FOOD	-	-	117	9	1,254	89
BAIT, REDUCTION, AND ANIMAL FOOD	-	-	-	-	-	-
	2,200	28	532	19	96,906	1,633
TOTAL FISH	702,062	9,844	110,248	2,253	1,246,151	24,732

SEE FOOTNOTE AT END OF TABLE.

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GULF FISHERIES

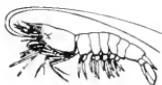
CATCH BY STATES, 1962

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	LOUISIANA		TEXAS		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
SHELLFISH, ETC.						
CRABS:						
BLUE:						
HARD	9,523	463	4,473	269	25,893	1,329
SOFT AND PEELER	344	172	6	1	352	173
STONE	-	-	-	-	557	196
TOTAL CRABS	9,867	635	4,479	290	26,802	1,698
CRAWFISH, FRESH-WATER	829	136	-	-	829	136
LOBSTERS, SPINY	-	-	-	-	2,435	928
SHRIMP	43,585	14,985	56,143	27,149	141,726	60,557
CLAMS, HARD, PUBLIC	-	-	-	-	226	50
CONCHS.	-	-	-	-	(1)	(1)
OYSTERS, MARKET:						
PUBLIC:						
SPRING	1,299	412	801	310	5,911	1,738
FALL	266	118	347	137	3,877	1,229
PRIVATE:						
SPRING	6,687	1,971	59	25	7,073	2,088
FALL	1,888	816	3	1	1,977	843
TOTAL OYSTERS	10,160	3,317	1,210	473	16,838	5,898
SCALLOPS:						
BAY	-	-	-	-	213	68
CALICO	-	-	-	-	16	5
SQUID	3	(1)	26	3	59	5
TERRAPIN	1	(1)	-	-	1	(1)
TURTLES:						
BABY	(1)	1	-	-	(1)	1
GREEN	3	(1)	-	-	30	4
LOGGERHEAD	-	-	-	-	6	1
SNAPPER	23	3	-	-	23	3
TOTAL TURTLES	26	4	-	-	59	9
FROGS	7	2	-	-	7	2
SPONGES:						
GRASS	-	-	-	-	2	10
SHEEPSWOL	-	-	-	-	44	398
YELLOW	-	-	-	-	2	8
TOTAL SHELLFISH, ETC.	64,478	19,079	61,660	27,915	191,259	69,772
GRAND TOTAL	766,540	26,923	172,108	30,168	1,437,410	94,504

1/ LESS THAN 500 POUNDS OR \$500.

NOTE:--STATISTICS ON THE CATCH OF FISH, CRUSTACEANS, AND SUCH MOLLUSKS AS SQUID ARE SHOWN IN ROUND (LIVE) WEIGHT. THOSE FOR UNIVALVE AND BIVALVE MOLLUSKS (CLAMS, CONCHS, OYSTERS, AND SCALLOPS) REPRESENT THE WEIGHTS OF MEAT EXCLUDING THE SHELL.



SHRIMP

GULF FISHERIES

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CATCH OF CERTAIN SHELLFISH, 1962

(NUMBER AND BUSHELS)

SPECIES	FLORIDA, WEST COAST		ALABAMA		MISSISSIPPI	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
CRABS:						
BLUE:						
HARD	NUMBER	21,437,541	1,382,774	\$35,213	1,978,132	\$55,354
SOFT AND PEELER.	DO	804	-	-	6,000	336
STONE	DO	557,100	-	-	-	-
CLAMS, HARD, PUBLIC.	U.S. STD. BUSHEL	26,644	-	-	-	-
CONCHS	DO	7	-	-	-	-
OYSTERS, MARKET:						
PUBLIC:						
SPRING	00	489,822	26,214	43,759	362,167	345,971
FALL	00	712,861	50,030	74,905	132,720	170,599
PRIVATE:						
SPRING	DO	24,013	24,474	40,397	22,414	21,300
FALL	DO	20,529	20,931	3,464	-	-
SCALLOPS:						
BAY	DO	40,942	67,702	-	-	-
CALICO	DO	3,935	4,682	-	-	-
SPECIES	LOUISIANA		TEXAS		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
CRABS:						
BLUE:						
HARD	NUMBER	19,141,230	7,693,216	\$288,912	51,632,893	\$1,328,681
SOFT AND PEELER.	DO	1,031,400	13,440	1,120	1,051,644	173,456
STONE	DO	-	-	-	557,100	196,100
CLAMS, HARD, PUBLIC.	U.S. STD. BUSHEL	-	-	-	26,644	50,172
CONCHS	DO	-	-	-	7	30
OYSTERS, MARKET:						
PUBLIC:						
SPRING	00	258,785	184,539	310,403	1,321,527	1,738,136
FALL	00	66,597	77,567	136,554	1,039,775	1,228,940
PRIVATE:						
SPRING	00	1,396,096	1,970,726	24,990	1,481,872	2,088,172
FALL	00	461,531	615,638	667	506,191	843,205
SCALLOPS:						
BAY	DO	-	-	-	40,942	67,702
CALICO	DO	-	-	-	3,935	4,882

NOTE:--THE CAPACITY OF A U.S. STANDARD BUSHEL IS 2,150.4 CUBIC INCHES.

AVERAGE WEIGHTS OF CERTAIN SHELLFISH, 1962

SPECIES	FLORIDA, WEST COAST	ALABAMA	MISSISSIPPI	LOUISIANA	TEXAS
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
CRABS:					
BLUE:					
HARD	NUMBER PER POUND	2.07	2.18	2.01	1.72
SOFT AND PEELER.	DO	4.02	-	3.00	2.40
STONE	DO	1.00	-	-	-
CLAMS, HARD, PUBLIC.	LBS. MEATS PER U.S. STD. BUSHEL	8.48	-	-	-
CONCHS	DO	14.00	-	-	-
OYSTERS, MARKET:					
PUBLIC:					
SPRING	00	4.50	5.23	4.06	5.02
FALL	00	3.60	3.32	3.86	4.29
PRIVATE:					
SPRING	00	4.51	5.23	4.06	4.79
FALL	00	3.59	3.32	-	3.92
SCALLOPS:					
BAY	DO	5.20	-	-	-
CALICO	DO	3.99	-	-	-

GULF FISHERIES

MANUFACTURED FISHERY PRODUCTS, 1962

ITEM	FLORIDA, WEST COAST		ALABAMA		MISSISSIPPI	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
GROUPER:						
FILLETS:						
FRESH	POUNDS	134,013	\$59,034	(1)	(1)	-
FROZEN	DO	61,420	36,836	(1)	(1)	-
STEAKS:						
FRESH	DO	61,168	29,822	(1)	(1)	-
FROZEN	DO	6,500	3,150	(1)	(1)	-
MENHADEN:						
MEAL AND SCRAP	TONS	-	-	-	-	25,344
OIL	GALLONS	-	-	-	-	3,961,242
SOLUBLES	TONS	-	-	-	-	10,302
MULLET:						
FILLETS, FROZEN	POUNDS	(1)	(1)	-	-	-
CANNED	STANDARD CASES	(1)	(1)	-	-	-
SALTED:						
FISH	POUNDS	380,300	43,996	-	-	-
ROE	DO	19,000	14,260	-	-	-
SMOKED:						
FISH	DO	(1)	(1)	-	-	-
SPECIALTIES	DO	(1)	(1)	-	-	-
SNAPPER, RED:						
FILLETS:						
FRESH	DO	14,635	11,314	(1)	(1)	-
FROZEN	DO	37,825	23,149	(1)	(1)	-
STEAKS, FRESH AND FROZEN	DO	4,348	2,660	(1)	(1)	-
SPANISH MACKEREL, FROZEN						
FILLETS	DO	910,080	268,247	-	-	-
WARSAW, FILLETS AND STEAKS, FRESH AND FROZEN	DO	15,535	4,922	-	-	-
CRABS:						
BLUE:						
COOKED MEAT, FRESH	DO	1,336,524	1,486,069	43,930	\$44,023	120,600
SPECIALTIES, FROZEN	DO	(1)	(1)	(1)	(1)	(1)
CANNED, MEAT	STANDARD CASES	-	-	-	-	(1)
STONE, CLAWS, COOKED, FROZEN	POUNDS	32,600	26,700	-	-	-
MEAL AND SCRAP	TONS	(1)	(1)	-	-	(1)
LOBSTER, SPINY, WHOLE, COOKED, FROZEN	POUNDS	657,518	364,710	-	-	-
SHRIMP:						
FRESH AND FROZEN:						
RAW, HEADLESS	DO	4,294,500	3,924,496	687,339	839,846	1,091,000
RAW, PEELD (INCLUDING DEVEINED)	DO	3,973,340	5,011,490	(1)	(1)	-
BREADED, RAW	DO	14,052,741	11,766,716	(1)	(1)	-
SPECIALTIES	DO	-	-	(1)	(1)	-
CANNED, MEATS	STANDARD CASES	(1)	(1)	(1)	(1)	139,033
MEAL AND SCRAP	TONS	(1)	(1)	-	-	3,345,361
CLAMS, HARD, SHUCKED, FRESH	GALLONS	8,956	41,865	-	-	-
CONCH, SPECIALTIES, CANNED	STANDARD CASES	(1)	(1)	-	-	-
OYSTERS:						
SHUCKED, FRESH AND FROZEN	GALLONS	401,963	2,299,036	156,132	1,057,410	108,068
BREADED, FROZEN	POUNDS	122,000	112,250	-	-	702,444
CANNED, REGULAR	STANDARD CASES	(1)	(1)	-	-	-
SHELL PRODUCTS, CRUSHED AND LIME	TONS	-	-	-	-	49,562
SCALLOPS, BAY:						
SHUCKED:						
FRESH	GALLONS	27,667	145,725	-	-	-
FROZEN	POUNDS	13,980	6,368	-	-	-
BREADED, FROZEN	DO	36,300	22,217	-	-	-
TURTLE, CANNED SPECIALTIES	STANDARD CASES	(1)	(1)	-	-	-
UNCLASSIFIED:						
FROZEN, PACKAGED, FISH STICKS, PORTIONS, AND OTHER FISH AND SHELLFISH	POUNDS	9,163	6,936	-	(2)	-
CANNED	STANDARD CASES	1,200	19,371	-	(2)	3,131,617
MISCELLANEOUS	-	-	49,590	-	5,246,318	14,902,758
TOTAL	-	-	25,808,949	-	7,197,597	25,735,238

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

GULF FISHERIES

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MANUFACTURED FISHERY PRODUCTS, 1962 - Continued

ITEM		LOUISIANA		TEXAS	
		QUANTITY	VALUE	QUANTITY	VALUE
CATFISH, FILLETS, FROZEN.	POUNDS	-	-	(1)	(1)
DRUM, FILLETS, FROZEN:					
BLACK	DO	-	-	(1)	(1)
RED	DO	-	-	(1)	(1)
FLOURDER, SPECIALTIES, FROZEN	DO	11,201	\$6,656	(1)	(1)
GROUPER, SPECIALTIES, FROZEN.	DO	(1)	(1)	-	-
MENHADEN:					
MEAL AND SCRAP.	TONS	71,804	8,523,608	(1)	(1)
OIL	GALLONS	10,524,674	3,590,565	(1)	(1)
SOLUBLES	TONS	24,614	1,230,710	(1)	(1)
SNAPPER, RED:					
FILLETS, FROZEN	POUNDS	(1)	(1)	-	-
STEAKS, FRESH AND FROZEN.	DO	-	-	(1)	(1)
SPECIALTIES, FROZEN	DO	(1)	(1)	-	-
SEA TROUT, SPOTTED:					
DRIED	DO	(1)	(1)	-	-
SPECIALTIES	DO	(1)	(1)	-	-
CRABS:					
BLUE:					
COOKED MEAT:					
FRESH	DO	429,085	406,423	434,200	\$444,476
FROZEN.	DO	175,766	182,993	-	-
SPECIALTIES, FROZEN	DO	188,423	118,472	(1)	(1)
CANNED:					
MEAT	STANDARD CASES	(1)	(1)	(1)	(1)
SPECIALTIES	DO	(1)	(1)	-	-
KING, SPECIALTIES, FROZEN	POUNDS	(1)	(1)	(1)	(1)
CRAWFISH, SPECIALTIES:					
FROZEN.	POUNDS	(1)	(1)	-	-
CANNED.	STANDARD CASES	(1)	(1)	-	-
SHRIMP:					
FRESH AND FROZEN:					
RAW, HEADLESS	POUNDS	12,124,669	11,412,744	29,248,900	26,657,693
PEELED (INCLUDING DEVEINED):					
RAW	DO	449,392	527,518	7,159,500	8,820,719
COOKED.	DO	997,308	1,923,268	(1)	(1)
BREADED, RAW.	DO	2,992,409	2,118,706	24,018,400	19,514,370
SPECIALTIES	DO	414,132	322,727	101,900	116,323
CANNED:					
MEATS	STANDARD CASES	573,321	12,260,620	43,518	896,282
SPECIALTIES	DO	1,315	32,057	-	-
SUN-DRIED	POUNDS	371,884	596,157	-	-
MEAL AND SCRAP.	TONS	(1)	(1)	-	-
CLAMS, SPECIALTIES, FROZEN.	POUNDS	(1)	(1)	-	-
OYSTERS:					
SHUCKED, FRESH AND FROZEN	GALLONS	431,402	2,823,494	122,078	825,359
BREADED, FROZEN	POUNDS	(1)	(1)	(1)	(1)
SPECIALTIES, FROZEN	DO	(1)	(1)	-	-
CANNED:					
REGULAR	STANDARD CASES	144,976	1,938,377	-	-
SPECIALTIES	DO	793	17,312	-	-
SHELL PRODUCTS, CRUSHED AND LIME.	TONS	-	-	(1)	(1)
TURTLE, CANNED SPECIALTIES.	STANDARD CASES	741	15,184	-	-
UNCLASSIFIED:					
FROZEN, PACKAGED, FISH STICKS, PORTIONS, AND OTHER FISH AND SHELLFISH.	POUNDS	163,611	71,981	1,419,600	2,150,242
CANNED.	STANDARD CASES	2,841	66,782	-	(2)
MISCELLANEOUS	-	-	11,302	-	3,484,038
TOTAL.	-	-	48,201,676	-	62,909,502

1/ INCLUDED WITH UNCLASSIFIED ITEMS. 2/ INCLUDED WITH MISCELLANEOUS ITEMS.

NOTE.—SOME OF THE ABOVE PRODUCTS MAY HAVE BEEN MANUFACTURED FROM RAW PRODUCTS IMPORTED FROM ANOTHER STATE OR A FOREIGN COUNTRY; THEREFORE, THEY CANNOT BE CORRELATED DIRECTLY WITH THE CATCH WITHIN THE STATE.



GULF FISHERIES

SUMMARY OF MANUFACTURED PRODUCTS, 1962

(VALUE IN THOUSANDS OF DOLLARS)

ITEM	QUANTITY	VALUE
PACKAGED, FRESH AND FROZEN:		
NOT BREADED:		
FISH	1,689	610
SHELLFISH	75,442	72,846
BREADED, FISH AND SHELLFISH	44,345	34,814
SPECIALTIES (FISH AND SHELLFISH)	00	00
CANNED (FISH AND SHELLFISH)	2,416	1,604
CURED (SALTED, SMOKED, AND DRIED).	1,000 STANDARD CASES	35,034
INDUSTRIAL PRODUCTS	1,000 POUNDS	675
	-	24,270
TOTAL	-	169,853

VALUE OF MANUFACTURED PRODUCTS, BY STATES, 1962

(THOUSANDS OF DOLLARS)

STATE	VALUE
FLORIDA, WEST COAST	25,809
ALABAMA	7,197
MISSISSIPPI	25,735
LOUISIANA	48,202
TEXAS	62,910
TOTAL	169,853

WHOLESALE AND MANUFACTURING, 1962

ITEM	FLORIDA, WEST COAST	ALABAMA	MISSISSIPPI	LOUISIANA	TEXAS	TOTAL
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
WHOLESALE AND MANUFACTURING:						
ESTABLISHMENTS	338	56	60	213	153	820
PERSONS ENGAGED:						
AVERAGE FOR SEASON	3,669	908	1,744	5,367	5,329	17,017
AVERAGE FOR YEAR	2,571	564	1,105	2,577	3,265	10,082



GULF FISHERIES

FLORIDA, WEST COAST

OPERATING UNITS BY GEAR, 1962

ITEM	HAUL SEINES, COMMON	PURSE SEINES	OTTER TRAWLS, SHRIMP	POTS AND TRAPS			
				CRAB		FISH	LOBSTER, SPINY
				BLUE	OTHER		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS	77	-	1,955	-	-	-	40
ON BOATS AND SHORE:							
REGULAR	243	4	172	228	66	2	192
CASUAL	43	-	16	15	17	-	7
TOTAL	363	4	2,143	243	83	2	239
VESSELS, MOTOR	10	-	823	-	-	-	20
GROSS TONNAGE	122	-	38,582	-	-	-	212
BOATS:							
MOTOR	72	2	111	220	70	1	151
OTHER	62	-	-	-	-	-	-
GEAR:							
NUMBER	84	2	1,657	32,059	14,610	6	58,250
LENGTH, YARDS	60,900	400	-	-	-	-	-
YARDS AT MOUTH	-	-	25,287	-	-	-	-

ITEM	GILL NETS			TRAMMEL NETS	LINES		
	ANCHOR, SET OR STAKE	DRIFT	RUNA- ROUND		HAND	TROLL	LONG OR SET WITH HOOKS
	NUMBER	NUMBER	NUMBER		NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS	-	15	168	31	1,056	82	-
ON BOATS AND SHORE:							
REGULAR	7	11	1,246	422	480	296	10
CASUAL	3	-	120	8	1,101	506	-
TOTAL	10	26	1,534	461	2,637	884	10
VESSELS, MOTOR	-	5	46	11	232	39	-
GROSS TONNAGE	-	45	543	116	5,096	431	-
BOATS:							
MOTOR	9	5	962	289	1,158	639	9
OTHER	-	-	157	1	-	-	-
GEAR:							
NUMBER	11	10	1,159	301	2,716	1,465	32
SQUARE YARDS	8,100	42,200	1,739,080	521,705	-	1,465	-
HOOKS OR BAITS	-	-	-	-	6,614	1,465	1,550

ITEM	LINES- CONTINUED TROT WITH BAITS	DIP NETS		CAST NETS	SPEARS	DREGES	
		COMMON	DROP			OYSTER	SCALLOP
		NUMBER	NUMBER			NUMBER	NUMBER
FISHERMEN:							
ON VESSELS	-	-	-	-	-	-	4
ON BOATS AND SHORE:							
REGULAR	16	11	5	3	35	-	56
CASUAL	2	20	6	9	5	3	9
TOTAL	18	31	11	12	40	3	69
VESSELS, MOTOR	-	-	-	-	-	-	2
GROSS TONNAGE	-	-	-	-	-	-	46
BOATS, MOTOR	18	31	11	11	40	1	57
GEAR:							
NUMBER	18	31	120	12	40	2	131
YARDS AT MOUTH	-	-	-	-	-	3	133
HOOKS OR BAITS	13,600	-	-	-	-	-	-

ITEM	TONGS		RAKES	HOOKS, SPONGE	DIVING OUTFITS, SPONGE	BY HAND		TOTAL, EXCLUSIVE OF DUPLI- CATION
	OYSTER	OTHER				OYSTER	OTHER	
	NUMBER	NUMBER				NUMBER	NUMBER	
FISHERMEN:								
ON VESSELS	7	-	-	9	90	-	-	3,311
ON BOATS AND SHORE:								
REGULAR	786	9	7	60	18	17	11	3,132
CASUAL	28	-	-	30	-	14	16	1,431
TOTAL	821	9	7	99	108	31	27	7,874
VESSELS, MOTOR	5	-	-	3	15	-	-	1,116
GROSS TONNAGE	41	-	-	29	216	-	-	43,877
BOATS:								
MOTOR	632	9	7	60	3	27	20	3,361
OTHER	-	-	-	15	-	2	2	222
GEAR, NUMBER	821	9	7	81	18	-	-	-

GULF FISHERIES

FLORIDA, WEST COAST - CATCH BY GEAR, 1962

SPECIES	HAUL SEINES		PURSE SEINES		OTTER TRAWLS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	240,800	\$9,632	-	-	-	-
AMBERJACK	600	27	-	-	-	-
BALLYHOO	-	-	44,100	\$6,262	-	-
BLUEFISH	230,100	19,330	-	-	-	-
BLUE RUNNER	604,600	13,907	-	-	-	-
CABIO	900	45	-	-	-	-
CIGARFISH	296,700	22,103	-	-	-	-
CREVALLE	480,400	14,892	-	-	-	-
CROAKER	27,400	2,904	-	-	-	-
DRUM:						
BLACK	14,500	521	-	-	-	-
RED	224,400	25,561	-	-	-	-
FLOUNDERS	17,800	3,721	-	-	60,100	\$12,562
GRUNTS	1,600	101	-	-	-	-
KING MACKEREL	48,000	5,184	-	-	-	-
KING WHITING OR "KINGFISH"	25,200	1,284	-	-	92,400	4,713
MENHADEN	100	3	-	-	-	-
MOJARRA	74,700	5,155	-	-	-	-
MULLET:						
BLACK	6,976,100	390,661	-	-	-	-
SILVER	22,600	1,445	-	-	-	-
PERMIT	700	63	-	-	-	-
PIGFISH	300	30	-	-	-	-
POMPANO	15,700	12,498	-	-	-	-
SEA CATFISH	39,800	2,468	-	-	9,500	608
SEA TROUT OR WEAKFISH:						
SPOTTED	186,300	44,340	-	-	-	-
WHITE	22,300	2,720	-	-	-	-
SHEEPSHEAD, SALT-WATER	27,000	2,485	-	-	-	-
SNAPPER, MANGROVE	1,300	209	-	-	-	-
SPANISH MACKEREL	374,700	36,721	-	-	-	-
SPANISH SARDINE	47,600	905	-	-	-	-
SPOT	116,000	7,132	-	-	9,600	596
TENPOUNDER	276,900	11,908	-	-	-	-
TRIPLETAIL	300	20	-	-	1,200	79
UNCLASSIFIED:						
FOR FOOD	244,200	17,094	-	-	11,600	612
BAIT, REDUCTION, AND ANIMAL FOOD	206,100	6,183	-	-	27,500	825
CRABS, BLUE, HARD	-	-	-	-	32,500	1,528
LOBSTERS, SPINY	-	-	-	-	7,500	2,857
SHRIMP	-	-	-	-	32,145,600	14,556,395
SQUID	-	-	-	-	24,700	2,150
TURTLES:						
GREEN	-	-	-	-	1,000	157
LOGGERHEAD	-	-	-	-	3,200	339
TOTAL	10,647,900	661,272	44,100	6,262	32,426,700	14,583,621

SPECIES	POTS AND TRAPS		GILL NETS			
			ANCHOR, SET OR STAKE		DRIFT	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUEFISH	-	-	200	\$17	10,900	\$916
BLUE RUNNER	12,000	\$276	-	-	-	-
CREVALLE	-	-	-	-	300	9
DRUM, RED	-	-	2,500	265	-	-
SEA TROUT OR WEAKFISH:						
SPOTTED	-	-	1,700	405	16,000	3,808
SPANISH MACKEREL	-	-	-	-	515,500	50,519
STURGEON	-	-	12,400	2,194	-	-
UNCLASSIFIED:						
FOR FOOD	-	-	500	35	1,000	70
BAIT, REDUCTION, AND ANIMAL FOOD	-	-	-	-	1,300	39
CRABS:						
BLUE	-	-	-	-	-	-
HARD	10,072,900	473,428	-	-	-	-
SOFT AND PEELER	200	100	-	-	-	-
STONE	557,100	196,100	-	-	-	-
LOBSTERS, SPINY	2,422,200	922,656	-	-	-	-
TOTAL	13,064,400	1,592,762	17,300	2,936	545,000	55,361

(CONTINUED ON NEXT PAGE)

GULF FISHERIES

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FLORIDA, WEST COAST - CATCH BY GEAR, 1962 - Continued

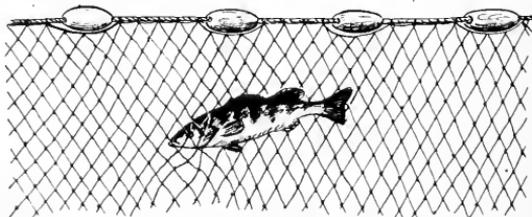
SPECIES	GILL NETS - CONTINUED		TRAMMEL NETS		LINES	
	RUNAROUND				HAND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	725,700	\$29,028	35,200	\$1,408	-	-
AMBERJACK	800	27	-	-	8,200	\$279
BARRACUDA	-	-	-	-	1,200	56
BLUEFISH	493,300	41,434	124,200	10,432	63,800	5,360
BLUE RUNNER	480,700	11,057	68,300	1,572	37,100	853
BONITO	-	-	-	-	100	3
CABIO	200	10	-	-	15,700	785
CREVALLE	325,100	10,077	44,300	1,374	61,700	1,910
CROAKER	22,700	2,406	5,400	573	6,900	732
DOLPHIN	-	-	-	-	3,000	180
DRUM:						
BLACK	28,200	1,016	6,300	226	9,100	331
RED	836,700	95,384	93,500	10,658	150,200	17,121
FLOUNDERS	18,500	3,869	18,700	3,908	12,700	2,656
GROUPERS	-	-	-	-	5,976,700	711,622
GRUNTS	1,100	70	-	-	60,000	3,780
HOGFISH	-	-	-	-	14,100	2,187
JEWFISH	-	-	-	-	48,500	3,491
KING MACKEREL	1,159,200	125,194	5,000	540	23,400	2,525
KING WHITING OR "KINGFISH"	18,900	966	4,800	245	2,800	142
MENHADEN	19,600	647	-	-	-	-
MOJARRA	61,500	4,244	600	42	9,800	678
MULLET:						
BLACK	24,444,500	1,368,896	1,381,900	77,368	-	-
SILVER	433,600	27,750	8,600	551	-	-
PERMIT	6,600	601	1,100	101	5,400	490
PIGFISH	2,900	290	700	70	1,000	100
POMPANO	39,900	31,761	543,900	432,944	9,900	717
SCUP OR PORGY	-	-	-	-	51,900	4,307
SEA CATFISH	35,400	2,195	8,100	503	24,800	1,538
SEA TROUT OR WEAKFISH:						
SPOTTED	1,722,500	409,956	427,200	101,674	246,900	58,762
WHITE	25,200	3,074	2,300	281	5,200	631
SHARKS, UNCLASSIFIED	7,000	322	-	-	-	-
SHEEPSHEAD, SALT-WATER	17,200	1,582	1,700	156	31,500	2,898
SNAPPER:						
MANGROVE	14,200	2,286	800	128	321,700	51,793
MUTTON	-	-	-	-	142,000	29,536
RED	-	-	-	-	5,375,000	1,327,623
VERMILION	-	-	-	-	41,300	5,989
YELLOWTAIL	-	-	-	-	909,800	205,615
SPANISH MACKEREL	5,620,100	550,769	58,800	5,762	115,000	11,271
SPOT	135,200	8,381	25,800	1,598	9,900	611
TENPOUNDER	86,700	3,729	2,400	103	8,900	381
TILEFISH	-	-	-	-	3,600	348
TRIGGERFISH	-	-	-	-	5,600	275
TRIPELTAIL	-	-	-	-	700	47
WARSAW	-	-	-	-	215,000	13,759
UNCLASSIFIED:						
FOR FOOD	641,000	44,870	15,700	1,099	220,000	15,400
BAIT, REDUCTION, AND ANIMAL FOOD	206,200	6,186	6,800	204	10,900	327
TURTLES:						
GREEN	25,700	4,035	-	-	-	-
LOGGERHEAD	3,400	361	-	-	-	-
TOTAL	37,659,500	2,792,473	2,892,100	653,540	15,252,000	2,487,109

SPECIES	LINES - CONTINUED					
	TROLL		LONG OR SET WITH HOOKS		TROT WITH BAITS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
AMBERJACK	600	\$21	-	-	-	-
BARRACUDA	1,400	65	-	-	-	-
BLUEFISH	21,700	1,822	-	-	-	-
BLUE RUNNER	5,000	115	-	-	-	-
BONITO	2,700	81	-	-	-	-
CATFISH AND BULLHEADS	-	-	60,100	\$9,196	-	-
CREVALLE	4,000	124	-	-	-	-
DOLPHIN	12,600	756	-	-	-	-
KING MACKEREL	785,100	84,790	-	-	-	-
KING WHITING OR "KINGFISH"	100	5	-	-	-	-
SEA TROUT OR WEAKFISH:						
SPOTTED	27,000	6,427	-	-	-	-
SPANISH MACKEREL	184,700	18,102	-	-	-	-
UNCLASSIFIED, FOR FOOD	600	42	-	-	-	-
CRABS, BLUE, HARD	-	-	-	-	250,900	\$11,792
TOTAL	1,045,500	112,351	60,100	9,196	250,900	11,792

GULF FISHERIES

FLORIDA, WEST COAST - CATCH BY GEAR, 1962 - Continued

SPECIES	DIP NETS		CAST NETS		SPEARS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FLOUNDER	-	-	-	-	19,800	\$4,138
MULLET:						
BLACK	-	-	17,400	\$975	-	-
SILVER	-	-	1,100	70	-	-
UNCLASSIFIED:						
FOR FOOD	-	-	2,300	161	-	-
BAIT, REDUCTION, AND ANIMAL FOOD	-	-	900	27	-	-
LOBSTERS, SPINY	4,200	\$1,600	-	-	-	-
TOTAL	4,200	1,600	21,700	1,233	19,800	4,138
SPECIES	DREDGES		TONGS		RAKES	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CLAMS, HARD, PUBLIC	-	-	135,200	\$30,014	61,000	\$13,542
OYSTERS, MARKET:						
PUBLIC:						
SPRING	-	-	2,197,700	624,147	-	-
FALL	-	-	2,561,900	727,560	-	-
PRIVATE:						
SPRING	13,100	\$3,720	95,200	27,037	-	-
FALL	-	-	75,700	20,931	-	-
SCALLOPS:						
BAY	212,700	67,638	-	-	-	-
CALICO	15,700	4,882	-	-	-	-
TOTAL	241,500	76,240	5,063,700	1,429,709	61,000	13,542
SPECIES	HOOKS		DIVING OUTFITS		BY HAND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
LOBSTERS, SPINY	-	-	-	-	700	\$266
CLAMS, HARD, PUBLIC	-	-	-	-	29,800	6,616
CONCHS	-	-	-	-	100	30
OYSTERS, MARKET, PUBLIC:						
SPRING	-	-	-	-	6,500	1,846
FALL	-	-	-	-	4,400	1,254
SCALLOPS, BAY	-	-	-	-	200	64
SPONGES:						
GRASS	1,400	\$8,694	200	\$927	-	-
SHEEPSWOOL	6,900	55,704	37,000	342,388	-	-
YELLOW	1,600	4,127	900	4,122	-	-
TOTAL	9,900	68,525	38,100	347,437	41,700	10,076



GILL NET

GULF FISHERIES

225

ALABAMA

OPERATING UNITS BY GEAR, 1962

ITEM	HAUL SEINES, COMMON	OTTER TRAWLS, SHRIMP	FYKE AND HOOP NETS, FISH	POTS AND TRAPS	
				CRAB	FISH
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS	-	426	-	-	-
ON BOATS AND SHORE:					
REGULAR	3	371	10	40	6
CASUAL	-	20	6	-	6
TOTAL	3	819	16	40	12
VESSELS, MOTOR	-	168	-	-	-
GROSS TONNAGE	-	5,212	-	-	-
BOATS:					
MOTOR	1	231	16	40	12
OTHER	1	-	-	-	-
GEAR:					
NUMBER	1	492	450	4,000	250
LENGTH, YARDS	300	-	-	-	-
YARDS AT MOUTH	-	6,983	-	-	-

ITEM	GILL NETS, RUNAROUND	TRAMMEL NETS	LINES		
			HAND	LONG OR SET WITH HOOKS	TROT WITH BAIT
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS	-	-	137	-	-
ON BOATS AND SHORE:					
REGULAR	6	112	6	2	4
CASUAL	-	-	18	-	3
TOTAL	6	112	161	2	7
VESSELS, MOTOR	-	-	15	-	-
GROSS TONNAGE	-	-	739	-	-
BOATS:					
MOTOR	6	61	24	2	7
OTHER	-	51	-	-	-
GEAR:					
NUMBER	6	112	147	2	7
SQUARE YARDS	3,375	112,000	-	-	-
HOOKS OR BAIT	-	-	762	600	3,500

ITEM	LINES- CONTINUED	SPEARS	TONGS, OYSTER	TOTAL, EXCLUSIVE OF DUPLI- CATION
	SNAG			
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS	-	-	-	565
ON BOATS AND SHORE:				
REGULAR	4	12	451	641
CASUAL	4	12	135	169
TOTAL	8	24	586	1,375
VESSELS, MOTOR	-	-	-	183
GROSS TONNAGE	-	-	-	5,951
BOATS:				
MOTOR	8	-	330	545
OTHER	-	16	60	119
GEAR:				
NUMBER	150	24	569	-
HOOKS OR BAIT	45,000	-	-	-

GULF FISHERIES

ALABAMA - CATCH BY GEAR, 1962

SPECIES	HAUL SEINES		OTTER TRAWLS		FYKE AND HOOP NETS		POTS AND TRAPS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUEFISH	100	\$12	100	\$16	-	-	-	-
BUFFALOFISH	-	-	-	-	39,700	\$4,762	400	\$43
CABJO	-	-	3,500	325	-	-	-	-
CATFISH AND BULLHEADS	-	-	-	-	2,600	697	37,000	8,307
CROAKER	-	-	5,200	123	-	-	-	-
DRUM, RED	-	-	1,500	206	-	-	-	-
FLOUNDERS	-	-	65,300	9,450	-	-	-	-
GROUPERS	-	-	3,900	464	-	-	-	-
JEWFISH	-	-	800	52	-	-	-	-
KING WHITING OR "KINGFISH"	-	-	199,800	10,256	-	-	-	-
MULLET, BLACK	16,000	800	300	16	-	-	-	-
PADDOLEFISH	-	-	-	-	2,200	264	-	-
POMPANO	-	-	100	47	-	-	-	-
SEA CATFISH	100	3	11,100	559	-	-	-	-
SEA TROUT OR WEAKFISH:								
SPOTTED	-	-	600	159	-	-	-	-
WHITE	-	-	61,100	3,131	-	-	-	-
SHEEPSHEAD:								
FRESH-WATER	-	-	-	-	32,000	3,636	-	-
SALT-WATER	-	-	2,500	134	-	-	-	-
SNAPPER, RED	-	-	36,000	5,627	-	-	-	-
SPANISH MACKEREL	1,600	188	1,000	124	-	-	-	-
SPOT	400	20	6,900	344	-	-	-	-
CRABS, BLUE, HARD	-	-	800	43	-	-	631,000	35,046
SHRIMP	-	-	3,748,000	1,646,517	-	-	-	-
SQUID	-	-	3,000	239	-	-	-	-
TOTAL	16,200	1,023	4,171,500	1,677,834	76,700	9,559	668,400	43,396

SPECIES	GILL NETS, RUNAROUND		TRAMMEL NETS		LINES			
					HAND		LONG OR SET WITH HOOKS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUEFISH	300	\$21	300	\$27	-	-	-	-
BLUE RUNNER	300	15	300	16	-	-	-	-
BUFFALOFISH	-	-	-	-	-	-	200	\$24
CABJO	-	-	-	-	300	\$21	-	-
CATFISH AND BULLHEADS	-	-	-	-	-	-	2,800	710
CROAKER	-	-	14,700	1,157	-	-	-	-
DRUM:								
BLACK	-	-	2,100	107	-	-	-	-
RED	100	12	5,700	645	5,700	848	-	-
FLOUNDERS	-	-	2,700	376	-	-	-	-
GROUPERS	-	-	-	-	233,500	26,985	-	-
JEWFISH	-	-	-	-	14,700	1,419	-	-
KING WHITING OR "KINGFISH"	-	-	1,100	59	-	-	-	-
MULLET, BLACK	4,600	239	1,426,000	69,395	-	-	-	-
POMPANO	1,200	751	1,000	524	200	120	-	-
SEA CATFISH	-	-	4,000	187	-	-	-	-
SEA TROUT OR WEAKFISH:								
SPOTTED	600	203	36,600	9,172	200	36	-	-
WHITE	-	-	900	49	-	-	-	-
SHEEPSHEAD, SALT-WATER	300	16	19,300	1,011	100	7	-	-
SNAPPER, RED	-	-	-	-	1,857,400	489,556	-	-
SPANISH MACKEREL	21,200	2,409	13,500	1,577	900	108	-	-
SPOT	-	-	7,000	356	-	-	-	-
STURGEON, SHOVELNOSE, ETC.	3,000	360	-	-	-	-	-	-
CRABS, BLUE, HARD	-	-	500	24	-	-	-	-
TOTAL	32,000	4,025	1,535,900	64,662	2,113,000	519,102	3,000	734

SPECIES	LINES				SPEARS		TONGS	
	TROT WITH BAITS		SNAG		POUNDS	VALUE	POUNDS	VALUE
	POUNDS	VALUE	POUNDS	VALUE				
CATFISH AND BULLHEADS	-	-	7,300	\$1,832	-	-	-	-
FLOUNDERS	-	-	-	-	10,200	\$2,353	-	-
STURGEON, SHOVELNOSE, ETC.	-	-	500	60	-	-	-	-
CRABS, BLUE, HARD	2,000	\$100	-	-	-	-	-	-
OYSTERS, MARKET:								
PUBLIC:								
SPRING	-	-	-	-	-	-	137,100	\$43,759
FALL	-	-	-	-	-	-	166,100	74,905
PRIVATE:								
SPRING	-	-	-	-	-	-	128,000	40,397
FALL	-	-	-	-	-	-	11,500	5,466
TOTAL	2,000	100	7,800	1,892	10,200	2,353	442,700	164,527

GULF FISHERIES

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MISSISSIPPI OPERATING UNITS BY GEAR, 1962

ITEM	PURSE SEINES, MENHADEN	OTTER TRAWLS		POTS AND TRAPS, CRAB	GILL NETS, RUNAROUND
		FISH	SHRIMP		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS	448	226	1,174	-	-
ON BOATS AND SHORE:					
REGULAR	-	-	216	46	4
CASUAL	-	-	214	3	-
TOTAL	448	226	1,604	49	4
VESSELS, MOTOR	21	92	481	-	-
GROSS TONNAGE	6,673	3,613	15,100	-	-
BOATS, MOTOR	42	-	356	44	4
GEAR:					
NUMBER	21	120	1,056	5,065	4
LENGTH, YARDS	8,500	-	-	-	-
YARDS AT MOUTH	-	2,276	14,841	-	-
SQUARE YARDS	-	-	-	-	2,400

ITEM	TRAMMEL NETS	LINES			CAST NETS
		HAND	LONG OR SET WITH HOOKS	TROT WITH BAITS	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS	21	107	6	-	-
ON BOATS AND SHORE:					
REGULAR	33	-	-	11	-
CASUAL	4	60	-	2	6
TOTAL	58	167	6	13	6
VESSELS, MOTOR	7	12	1	-	-
GROSS TONNAGE	104	485	87	-	-
BOATS:					
MOTOR	36	68	-	13	-
OTHER	9	-	-	-	-
GEAR:					
NUMBER	40	178	1	13	6
SQUARE YARDS	26,600	-	-	-	-
HOOKS OR BAITS	-	864	1,000	6,500	-

ITEM	SPEARS	DREDGES, OYSTER, COMMON	TONGS, OYSTER	TOTAL, EXCLUSIVE OF DUPLI- CATION
				NUMBER
FISHERMEN:				
ON VESSELS	-	450	-	2,033
ON BOATS AND SHORE:				
REGULAR	2	35	536	750
CASUAL	16	25	163	413
TOTAL	18	510	699	3,196
VESSELS, MOTOR	-	145	-	554
GROSS TONNAGE	-	3,269	-	24,477
BOATS:				
MOTOR	-	30	560	1,013
OTHER	-	-	114	123
GEAR:				
NUMBER	18	350	679	-
YARDS AT MOUTH	-	445	-	-

GULF FISHERIES

MISSISSIPPI - CATCH BY GEAR, 1962

SPECIES	PURSE SEINES		OTTER TRAWLS		POTS AND TRAPS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CROAKER	-	-	400	\$24	-	-
DRUM, BLACK	-	-	300	18	-	-
FLOUNDERS	-	-	57,300	6,706	-	-
KING WHITING OR "KINGFISH"	263,574,000	\$2,916,964	285,200	18,370	-	-
MENHADEN	-	-	1,000	129	-	-
POMPAHO	-	-	47,900	2,496	-	-
SEA CATFISH	-	-	63,300	4,512	-	-
SEA TROUT OR WEAKFISH, WHITE	-	-	600	36	-	-
SHEEPSHEAD, SALT-WATER	-	-	100	14	-	-
SNAPPER, RED	-	-	1,300	102	-	-
TRIPLETAIL	-	-	-	-	-	-
UNCLASSIFIED, FOR BAIT, RECUCTION, AND ANIMAL FOOD	-	-	93,714,300	1,571,768	-	-
CRABS, BLUE:	-	-	-	-	840,900	\$51,364
HARD	-	-	-	-	1,600	273
SOFT AND PEELER	-	-	-	-	-	-
SHRIMP	-	-	6,104,000	2,219,637	-	-
TOTAL	263,574,000	2,916,964	100,275,700	3,823,832	642,500	51,637

SPECIES	GILL NETS, RUNAROUND		TRAMMEL NETS		LINES	
	POUNDS	VALUE	POUNDS	VALUE	HAND	
					POUNDS	VALUE
BLUEFISH	3,500	\$353	-	-	-	-
CABJO	-	-	-	-	1,900	\$115
CROAKER	-	-	4,500	\$254	-	-
ORUM:	-	-	-	-	-	-
BLACK	-	-	21,600	1,737	-	-
RED	-	-	74,300	11,150	1,700	255
GROUPERS	-	-	-	-	246,100	26,322
KING WHITING OR "KINGFISH"	-	-	600	36	-	-
MULLET, BLACK	-	-	503,400	25,438	-	-
POMPAHO	-	-	200	70	-	-
SEA CATFISH	-	-	1,000	60	-	-
SEA TROUT OR WEAKFISH:	-	-	-	-	-	-
SPOTTED	2,400	608	102,100	25,502	7,100	1,785
WHITE	-	-	200	12	100	6
SHEEPSHEAD, SALT-WATER	-	-	43,600	3,501	200	13
SNAPPER, RED	-	-	-	-	2,175,800	543,629
SPANISH MACKEREL	2,400	245	-	-	100	6
SPOT	-	-	4,000	271	-	-
TRIPLETAIL	-	-	900	97	-	-
TOTAL	8,300	1,206	756,400	68,128	2,433,000	574,333

SPECIES	LINES - CONTINUED				CAST NETS	
	LONG OR SET WITH HOOKS		TROT WITH BAITS		POUNDS	VALUE
	POUNDS	VALUE	POUNDS	VALUE		
MULLET, BLACK	-	-	-	-	3,500	\$210
TUNA, YELLOWFIN	36,500	\$4,380	-	-	-	-
CRABS, BLUE:	-	-	-	-	-	-
HARD	-	-	66,500	\$3,990	-	-
SOFT AND PEELER	-	-	400	63	-	-
TOTAL	36,500	4,380	66,900	4,053	3,500	210

SPECIES	SPEARS		DREDGES		TONGS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FLOUNDERS	3,000	\$600	-	-	-	-
OYSTERS, MARKET:	-	-	-	-	-	-
PUBLIC:	-	-	-	-	-	-
SPRING	-	-	1,158,000	\$269,600	312,400	\$76,371
FALL	-	-	234,000	77,000	276,300	93,599
PRIVATE, SPRING	-	-	91,000	21,300	-	-
TOTAL	3,000	600	1,483,000	367,900	590,700	169,970

GULF FISHERIES

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LOUISIANA

OPERATING UNITS BY GEAR, 1962

ITEM	HAUL SEINES, COMMON	PURSE SEINES, MENHADEN	OTTER TRAWLS		FYKE AND HOOP NETS, FISH
			FISH	SHRIMP	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS	-	905	12	2,348	-
ON BOATS AND SHORE:					
REGULAR	42	-	-	2,815	265
CASUAL	22	-	-	789	84
TOTAL	64	905	12	5,952	349
VESSELS, MOTOR.					
GROSS TONNAGE	-	45	4	905	-
BOATS:		10,738	176	31,290	-
MOTOR	16	90	-	2,443	349
OTHER	13	4	-	-	-
GEAR:					
NUMBER	16	45	8	3,939	10,605
LENGTH, YARDS	5,467	18,640	-	-	-
YARDS AT MOUTH	-	-	132	55,060	-

ITEM	POTS AND TRAPS		GILL NETS		TRAMMEL NETS
	CRAB	CRAW-FISH	ANCHOR, SET OR STAKE	RUNAROUND	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS	-	-	3	-	5
ON BOATS AND SHORE:					
REGULAR	13	94	51	17	66
CASUAL	12	35	36	4	49
TOTAL	25	129	90	21	120
VESSELS, MOTOR.					
GROSS TONNAGE	-	-	1	-	2
BOATS:			12	-	30
MOTOR	25	123	76	11	79
OTHER	-	-	-	1	30
GEAR:					
NUMBER	2,010	6,828	78	11	78
SQUARE YARDS	-	-	45,293	5,600	17,516

ITEM	LINES			DIP NETS		SPEARS
	HAND	LONG OR SET WITH HOOKS	TROT WITH BAIT	COMMON	DROP	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS	200	-	-	-	2	-
ON BOATS AND SHORE:						
REGULAR	54	748	496	11	300	-
CASUAL	51	391	147	-	44	9
TOTAL	305	1,139	643	11	346	9
VESSELS, MOTOR.						
GROSS TONNAGE	36	-	-	-	1	-
BOATS:	1,505	-	-	-	18	-
MOTOR	101	1,132	643	11	334	-
OTHER	-	42	-	-	1	-
GEAR:						
NUMBER	2,271	1,685	643	11	23,436	9
HOOKS OR BAIT	3,324	648,460	424,650	-	-	-

ITEM	OREDGES, OYSTER, COMMON	TONGS, OYSTER	BRUSH TRAPS	GRABS, FROG	BY HAND	TOTAL, EXCLUSIVE OF DUPLI- CATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS	443	-	-	-	-	3,803
ON BOATS AND SHORE:						
REGULAR	371	384	74	46	72	3,514
CASUAL	56	20	8	17	31	1,296
TOTAL	870	404	82	63	103	8,613
VESSELS, MOTOR.						
GROSS TONNAGE	171	-	-	-	-	1,117
BOATS:	3,060	-	-	-	-	45,305
MOTOR	205	149	82	53	8	3,796
OTHER	-	38	-	5	2	130
GEAR:						
NUMBER	642	404	39,950	63	-	-
YARDS AT MOUTH	825	-	-	-	-	-

GULF FISHERIES

LOUISIANA - CATCH BY GEAR, 1962

SPECIES	HAUL SEINES		PURSE SEINES		OTTER TRAWLS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	1,700	\$68	-	-	-	-
BUFFALOFISH	2,700	270	-	-	-	-
CABIO	-	-	-	-	1,200	\$50
CATFISH AND BULLHEADS	66,400	13,944	-	-	-	-
CROAKER	800	40	-	-	900	45
DRUM:						
BLACK	34,800	2,544	-	-	3,400	188
RED	72,400	10,860	-	-	400	72
FLOUNDERS	300	36	-	-	206,600	31,089
GARFISH	79,100	5,455	-	-	-	-
GROUPERS	-	-	-	-	7,300	307
JEWFISH	-	-	-	-	900	40
KING WHITING OR "KINGFISH"	1,400	70	689,157,400	\$7,994,226	449,500	22,711
MENHADEN	-	-	-	-	-	-
MULLET, BLACK	1,700	85	-	-	-	-
POMPANO	-	-	-	-	1,600	775
SAWFISH	-	-	-	-	5,200	226
SEA CATFISH	6,100	305	-	-	86,300	4,320
SEA TROUT OR WEAFFISH:						
SPOTTED	54,600	13,650	-	-	12,200	1,710
WHITE	5,000	340	-	-	81,500	4,096
SHARKS, UNCLASSIFIED	-	-	-	-	1,900	97
SHEEPSHEAD:						
FRESH-WATER	5,200	416	-	-	-	-
SALT-WATER	18,300	1,524	-	-	34,600	2,570
SNAPPER, RED	-	-	-	-	171,200	23,093
SPANISH MACKEREL	-	-	-	-	500	40
SPOT	-	-	-	-	1,100	55
TRIPLETAIL	-	-	-	-	2,900	140
UNCLASSIFIED, FOR BAIT, REDUCTION, AND ANIMAL FOOD	-	-	-	-	2,200,000	27,500
CRABS, BLUE, HARD	-	-	-	-	708,700	35,210
SHRIMP	-	-	-	-	43,583,700	14,984,725
SQUID	-	-	-	-	3,100	279
TURTLES, GREEN	-	-	-	-	3,300	199
TOTAL	350,500	49,607	689,157,400	7,994,226	47,568,000	15,139,537

SPECIES	FYKE AND HOOP NETS		POTS AND TRAPS		GILL NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	3,600	\$146	-	-	100	\$8
BUFFALOFISH	283,200	29,722	-	-	258,100	27,855
CARP	17,600	876	-	-	1,500	115
CATFISH AND BULLHEADS	1,186,100	247,873	-	-	394,900	82,616
DRUM:						
BLACK	-	-	-	-	7,200	360
RED	13,900	2,769	-	-	1,900	342
GARFISH	5,200	300	-	-	304,700	15,789
PADDLEFISH	300	30	-	-	1,900	186
SHEEPSHEAD, FRESH-WATER	286,400	23,906	-	-	44,300	4,911
CRABS, BLUE, HARD	-	-	56,600	\$3,396	-	-
CRAWFISH, FRESH-WATER	-	-	651,200	109,332	-	-
TOTAL	1,796,300	305,622	707,800	112,728	1,014,600	132,182

SPECIES	GILL NETS - CONTINUED		TRAMMEL NETS		LINES	
	RUNAROUND		HAND			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	-	-	20,000	\$2,000	-	-
CABIO	-	-	-	-	1,000	\$65
CATFISH AND BULLHEADS	71,900	\$12,942	5,700	1,140	26,500	5,565
CROAKER	-	-	4,800	265	-	-
DRUM:						
BLACK	-	-	258,800	15,657	3,600	188
RED	-	-	471,400	73,102	6,000	1,080
FLOUNDERS	-	-	7,900	1,176	100	18
GARFISH	10,100	400	25,000	1,150	4,100	205
GROUPERS	-	-	-	-	45,422	5,422
JEWFISH	-	-	-	-	3,200	304
KING WHITING OR "KINGFISH"	-	-	9,400	470	-	-
MULLET, BLACK	-	-	6,600	303	-	-
POMPANO	-	-	-	-	600	330

(CONTINUED ON NEXT PAGE)

LOUISIANA - CATCH BY GEAR, 1962 - Continued

SPECIES	GILL NETS - CONTINUED		TRAMMEL NETS		LINES	
	RUNAROUND				HAND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
SEA CATFISH	-	-	14,400	\$720	200	\$10
SEA TROUT OR WEAKFISH:						
SPOTTED	-	-	232,700	55,065	8,500	2,045
WHITE	-	-	27,900	1,455	600	40
SHEEPSHEAD:						
FRESH-WATER	-	-	8,100	972	-	-
SALT-WATER	-	-	97,600	7,789	300	12
SNAPPER, RED	-	-	-	-	522,700	133,312
SPOT	-	-	400	20	-	-
TRIPLETAIL	-	-	300	15	-	-
TURTLES, SNAPPER	-	-	-	-	17,900	2,694
TOTAL	82,000	\$13,342	1,191,000	161,319	641,100	151,287

SPECIES	LINES - CONTINUED				DIP NETS	
	LONG OR SET WITH HOOKS		TROT WITH BAITS			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CATFISH AND BULLHEADS	4,433,600	\$908,216	-	-	-	-
DRUM:						
BLACK	900	72	-	-	-	-
RED	1,200	160	-	-	-	-
GARFISH	43,100	2,155	-	-	-	-
PAOOLEFISH	3,100	310	-	-	-	-
SEA CATFISH	1,100	55	-	-	-	-
SEA TROUT OR WEAKFISH	800	200	-	-	-	-
SHEEPSHEAD:						
FRESH-WATER	92,900	8,544	-	-	-	-
SALT-WATER	700	56	-	-	-	-
CRABS, BLUE:						
HARD	-	-	6,811,500	\$318,798	1,946,200	\$105,050
SOFT AND PEELER	-	-	45,600	22,800	191,500	95,750
CRAWFISH, FRESH-WATER	-	-	-	-	177,600	26,640
TURTLES:						
BABY	-	-	-	-	200	1,000
SNAPPER	5,100	620	-	-	-	-
TOTAL	4,582,500	920,408	6,857,100	341,598	2,315,500	226,440

SPECIES	SPEARS		DREOGES		TONGS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FLOUNDERS	1,200	\$240	-	-	-	-
OYSTERS, MARKET:						
PUBLIC:						
SPRING	-	-	996,800	\$302,295	294,100	\$107,255
FALL	-	-	85,500	34,200	200,200	83,848
PRIVATE:						
SPRING	-	-	6,524,800	1,922,118	161,100	48,225
FALL	-	-	1,778,800	770,178	107,900	45,055
TOTAL	1,200	240	9,385,900	3,028,791	763,300	284,383

SPECIES	BRUSH TRAPS		GRABS		BY HAND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CRABS, BLUE, SOFT AND PEELER	106,700	\$53,350	-	-	-	-
SHRIMP	1,600	229	-	-	-	-
OYSTERS, MARKET:						
PUBLIC, SPRING	-	-	-	-	8,200	\$2,460
PRIVATE:						
SPRING	-	-	-	-	1,400	385
FALL	-	-	-	-	900	405
TERRAPIN	-	-	-	-	600	130
FROGS	-	-	6,800	\$2,095	-	-
TOTAL	108,300	53,579	6,800	2,095	11,100	3,380

GULF FISHERIES

TEXAS

OPERATING UNITS BY GEAR, 1962

ITEM	HAUL SEINES, COMMON	PURSE SEINES, MENHADEN	OTTER TRAWLS, SHRIMP	FYKE AND HDOP NETS, FISH	POTS AND TRAPS	GILL NETS, ANCHOR, SET OR STAKE	TRAMMEL NETS	LINES
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	HAND
FISHERMEN:								
ON VESSELS	-	240	3,406	-	-	-	10	555
ON BOATS AND SHORE:								
REGULAR	52	-	565	3	64	76	112	31
CASUAL	17	-	413	-	3	21	-	160
TOTAL	69	240	4,384	3	67	97	122	746
VESSELS, MOTOR	-	12	1,275	-	-	-	5	152
GROSS TONNAGE	-	2,029	63,901	-	-	-	58	7,464
BOATS:								
MOTOR	15	24	803	3	63	74	93	170
OTHER	-	12	-	-	-	15	18	-
GEAR:								
NUMBER	28	12	3,237	15	9,220	74	103	746
LENGTH, YARDS	7,000	5,900	-	-	-	-	-	-
YARDS AT MOUTH	-	-	45,155	-	-	-	-	-
SQUARE YARDS	-	-	-	-	-	44,800	71,944	-
HOOKS OR BAITS	-	-	-	-	-	-	-	1,571

ITEM	LINES - CONTINUED		DIP NETS, COMMON	SPEARS	DREDGES, OYSTER, COMMON	TONGS, OYSTER	BY HAND, OYSTER	TOTAL, EXCLUSIVE OF DUPLICATION
	LONG DR SET WITH HOOKS	TROT WITH BAITS						
FISHERMEN:								
ON VESSELS	-	-	-	-	68	-	-	3,904
ON BOATS AND SHORE:								
REGULAR	91	2	26	65	231	28	10	814
CASUAL	24	-	16	75	-	10	-	614
TOTAL	115	2	42	160	319	38	10	5,332
VESSELS, MOTOR	-	-	-	-	32	-	-	1,324
GROSS TONNAGE	-	-	-	-	524	-	-	67,027
BOATS:								
MOTOR	115	2	42	-	108	37	10	1,168
OTHER	-	-	-	-	-	-	-	45
GEAR:								
NUMBER	115	2	42	160	140	38	-	-
YARDS AT MOUTH	-	-	-	-	140	-	-	-
HOOKS OR BAITS	269,000	400	-	-	-	-	-	-

TEXAS - CATCH BY GEAR, 1962

SPECIES	HAUL SEINES		PURSE SEINES		OTTER TRAWLS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALDFISH	1,200	\$108	-	-	-	-
CATFISH AND BULLHEADS	6,000	2,000	-	-	-	-
CHARGFISH	-	-	-	-	600	\$30
CROAKER	-	-	-	-	8,500	255
ORUM:						
BLACK	25,300	1,576	-	-	18,300	1,186
RED	22,600	5,439	-	-	1,600	364
FLOUNDERS	-	-	-	-	94,500	22,142
GROUPERS	-	-	-	-	4,700	470
JEW FISH	-	-	-	-	-	16
KING WHITING OR "KINGFISH"	-	-	-	-	78,800	4,179
MENHADEN	-	-	103,674,000	\$1,137,394	-	-
MULLET, BLACK	-	-	-	-	9,400	282
POMPANO	600	180	-	-	-	-
SEA CATFISH	-	-	-	-	24,400	1,832
SEA TROUT OR WEAKFISH, SPOTTED	152,300	37,843	-	-	-	-

(CONTINUED ON NEXT PAGE)

GULF FISHERIES

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TEXAS - CATCH BY GEAR, 1962 - Continued

SPECIES	HAUL SEINES		PURSE SEINES		OTTER TRAWLS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
SHEEPSHEAD, SALT-WATER.	17,200	\$1,720	-	-	37,200	\$3,487
SNAPPER, RED.	-	-	-	-	33,700	7,987
UNCLASSIFIED:						
FOR FOOD.	8,600	688	-	-	107,700	8,578
BAIT, REDUCTION, AND ANIMAL FOOD.	-	-	-	-	393,900	14,021
CRABS, BLUE, HARD.	-	-	-	-	326,300	17,634
SHRIMP.	-	-	-	-	56,142,600	27,148,990
SQUID.	-	-	-	-	27,700	2,770
TOTAL.	235,800	49,554	103,674,000	\$1,137,394	57,312,100	27,234,243

SPECIES	FYKE AND HOOP NETS		POTS AND TRAPS		GILL NETS, ANCHOR, SET OR STAKE	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH.	8,000	\$720	-	-	63,600	\$5,990
CATFISH AND BULLHEADS.	-	-	-	-	20,000	5,000
DRUM:						
BLACK.	-	-	-	-	637,500	49,271
RED.	-	-	-	-	5,100	1,244
FLOUNDERS.	-	-	-	-	32,500	8,125
GARFISH.	-	-	-	-	58,500	2,340
MULLET, BLACK.	-	-	-	-	36,700	1,101
POMPANO.	-	-	-	-	100	25
SEA CATFISH.	-	-	-	-	2,000	160
SEA TROUT OR WEAKFISH, SPOTTED.	-	-	-	-	106,500	26,573
SHEEPSHEAD, SALT-WATER.	-	-	-	-	1,000	80
UNCLASSIFIED, FOR BAIT, REDUCTION, AND ANIMAL FOOD.	-	-	-	-	25,000	750
CRABS, BLUE:						
HARD.	-	-	4,137,500	\$270,928	-	-
SOFT AND PEELER.	-	-	5,600	1,120	-	-
TOTAL.	8,000	720	4,143,100	272,048	966,500	100,659

SPECIES	TRAMMEL NETS		LINES			
	POUNDS	VALUE	HAND		LONG OR SET WITH HOOKS	
			POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH.	200	\$19	-	-	-	-
CABRIO.	-	-	12,000	\$760	-	-
CATFISH AND BULLHEADS.	-	-	-	-	41,200	\$11,010
CROAKER.	1,400	70	-	-	2,900	160
DRUM:						
BLACK.	378,700	28,975	8,600	657	283,800	22,170
RED.	234,500	56,832	22,500	5,519	402,900	99,194
FLOUNDERS.	3,100	775	3,900	990	9,600	2,472
GARFISH.	1,500	75	-	-	800	32
GROUPERS.	-	-	-	-	-	-
JEWFISH.	-	-	109,100	10,910	-	-
MULLET, BLACK.	6,500	195	-	-	-	-
POMPANO.	300	90	200	50	1,100	295
SEA CATFISH.	9,500	755	1,200	92	10,300	824
SEA TROUT OR WEAKFISH, SPOTTED.	395,700	99,349	49,300	12,409	256,500	65,423
SHEEPSHEAD:						
FRESH-WATER.	-	-	-	-	1,000	100
SALT-WATER.	31,900	2,571	3,800	348	18,400	1,480
SNAPPER, RED.	-	-	1,708,600	436,321	-	-
SPANISH MACKEREL.	-	-	900	72	-	-
WARSAW.	-	-	76,000	7,600	-	-
UNCLASSIFIED:						
FOR FOOD.	700	35	200	19	100	5
BAIT, REDUCTION, AND ANIMAL FOOD.	112,500	3,963	-	-	300	9
TOTAL.	1,176,500	193,704	1,996,400	475,757	1,026,900	203,174

SPECIES	LINES - CONTINUED		DIP NETS		SPEARS	
	TROT WITH BAITS					
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
DRUM:						
BLACK.	-	-	21,000	\$1,290	-	-
RED.	-	-	10,200	2,451	-	-

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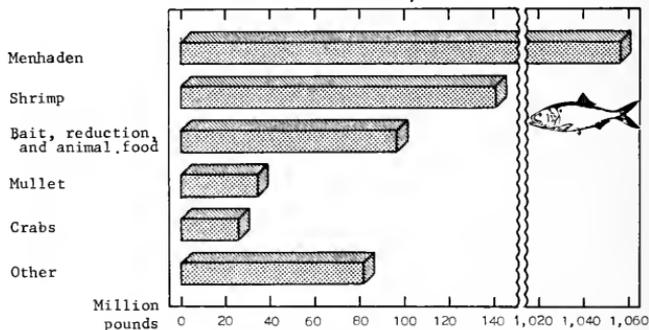
GULF FISHERIES

TEXAS - CATCH BY GEAR, 1962 - Continued

SPECIES	LINES - CONTINUED		DIP NETS		SPEARS	
	TROT WITH BAITS					
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FLOUNDERS	-	-	-	-	67,200	\$16,840
SEA TROUT OR WEAFFISH, SPOTTED	-	-	26,800	\$6,986	-	-
CRABS, BLUE, HARD	7,000	\$350	-	-	-	-
TOTAL	7,000	350	60,000	10,727	67,200	16,840

SPECIES	DREDGES		TONGS		BY HAND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
OYSTERS, MARKET:						
PUBLIC:						
SPRING	758,000	\$294,028	33,600	\$12,320	9,300	\$4,055
FALL	318,900	124,729	20,900	8,360	7,700	3,465
PRIVATE:						
SPRING	59,500	24,990	-	-	-	-
FALL	3,000	1,170	-	-	-	-
TOTAL	1,139,400	444,917	54,500	20,680	17,000	7,520

GULF STATES CATCH, 1962



VALUE OF GULF STATES CATCH, 1962

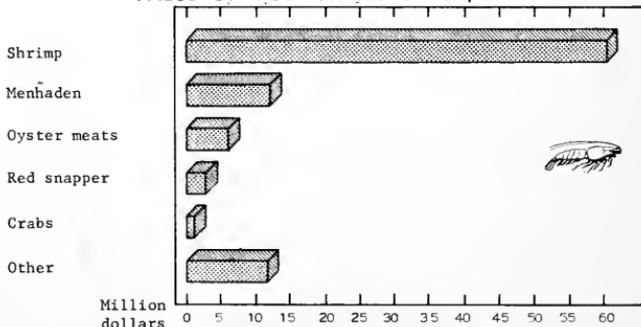
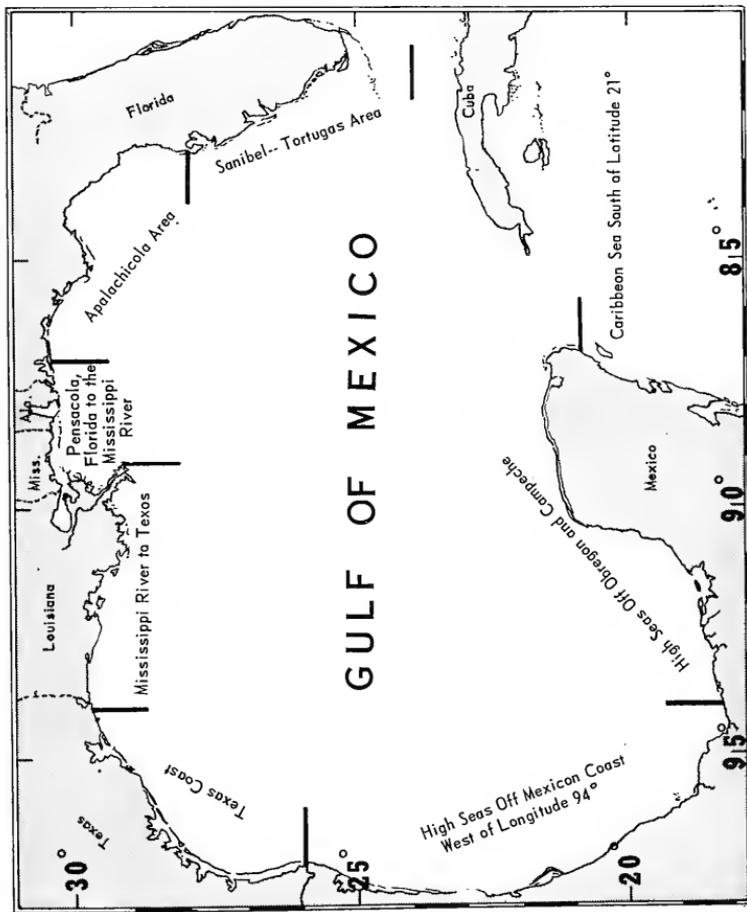


Chart depicting the major statistical areas used in reporting the shrimp catch by fishing craft on trips completed during 1962.



GULF FISHERIES

GULF SHRIMP FISHERY

Landings of shrimp at Gulf ports in 1962 totaled 89.3 million pounds (heads-off weight) --a gain of 9.6 million pounds over those of 1961. Except for 1961, the volume of the catch was below that of any year since 1950. Compared with 1961, Louisiana shrimp landings increased by 9.3 million pounds; Mississippi, 1.2 million pounds; and Alabama and Texas, about 250,000 pounds each. Shrimp landings at Florida West Coast ports were 1.4 million pounds less than in 1961.

The ex-vessel value of the shrimp catch increased substantially over that of 1961 in each of the States. In no case, however, were new value records established. Louisiana and Texas fared best with increases of about \$6 million in each State. Florida West Coast was next highest with an increase of \$3.4 million. Mississippi, about \$1 million; and Alabama, \$500,000. Information on the average price per pound, ex-vessel, another indicator of conditions within the fishery, is contained in the following table for the years 1956 through 1962.

AVERAGE ANNUAL PRICE PER POUND OF GULF SHRIMP (Heads-off Weight), 1956-62
(in cents)

State	1956	1957	1958	1959	1960	1961	1962
Florida, West Coast.	60	66	60	51	46	52	72
Alabama.	48	52	63	42	49	55	70
Mississippi.	42	46	62	35	44	49	58
Louisiana.	45	51	55	38	43	48	54
Texas.	61	70	66	46	51	61	77

There were significant changes in both the species and count size composition of Gulf landings in 1962. Changes in species composition reflect, to a certain extent, productivity of fishing areas; thus, the excellent run of white shrimp (predominantly in Louisiana waters) resulted in landings of this species comprising 26 percent of the Gulf landings compared with 19 percent in 1961. Brown shrimp, which consistently predominate, accounted for 46 percent of the landings--3 percent more than 1961. Pink shrimp comprised 25 percent--8 percent less than 1961. Predominant count sizes were reversed--in 1961, shrimp of up to 30 count (number of heads-off shrimp per pound) comprised 44 percent of the landings; during 1962, 41-and-over-count shrimp, 46 percent. Shrimp in the 31-40 count size category accounted for 20 percent of the 1962 landings, compared with 25 percent in 1961.

Catches from the fishing grounds located between the Mississippi River and the Louisiana-Texas border provided the greatest portion of the landings. The 1962 total of 26.8 million pounds from this area was 9.4 million pounds more than in 1961. While landings taken from the fishing grounds off the Texas coast were only 1.4 million pounds greater than in 1961, catches in the area were reported better than in years, but because of the strictly enforced State minimum shrimp size law, fishermen culled their catches and discarded at sea enormous quantities of shrimp which were below the legal minimum size. Landings of shrimp from three major areas were less than in 1961. Sanibel-Tortugas production was down 2.3 million pounds; northwest Florida (Apalachicola area), 250,000 pounds; and the high seas off Mexico (west of 94° longitude), 2.0 million pounds. Landings from the areas from Pensacola to the Mississippi River and Campeche banks increased 2.2 and 1.0 million pounds, respectively.

As a result of a study by the Bureau's Biological Laboratory, Galveston, Tex., (findings published in SSR-F No. 409, Conversion of "Whole" and "Headless" Weights in Commercial Gulf of Mexico Shrimps) new factors were used in 1962 to convert shrimp from heads-on to heads-off weight and vice versa. Factors used were 1.61 for brown shrimp (Penaeus aztecus), 1.60 for pink (Penaeus duorarum), 1.54 for white (Penaeus setiferus), 1.53 for seabobs (Xiphopenaeus kroyeri), and 1.80 for royal red (Hymenopenaeus robustus). While the use of these new factors affects, to a degree, the comparability of 1962 data with those of previous years, the new factors are more accurate than the factor of 1.68 which was previously used for converting all species.

Although all States experienced substantial increases in the value of shrimp landings, the volume at Florida West Coast and Texas ports was lower than in 1961. Decreased catches on the Tortugas grounds and the coastal waters off the northwest coast accounted for the decline in Florida landings. Increased landings at Tampa, consisting chiefly of catches from the Campeche grounds, compensated in only a small measure for the decline in "home" waters. An important factor in the decline at Texas ports was the culling of shrimp at sea by fishermen to insure that their catches met strictly enforced minimum size regulations. Texas law prescribed a minimum count size of 50 heads-off or 30 heads-on shrimp per pound for brown and pink shrimp, and 65 heads-off or 39 heads-on for white shrimp. The greatest increase in landings over the previous year was in Louisiana, where there was an excellent run of white shrimp during the fall. Mississippi and Alabama craft were also active in the fishery for white shrimp off the Louisiana coast during the fall. Because these craft returned to home ports within their respective States for unloading, their catches were a major factor in the increased landings for these States.

Light domestic supplies and a strong market demand resulted in high ex-vessel shrimp prices throughout most of the year. A record high was reached in September, when \$1.10 per pound, ex-vessel, was paid for 15-20 count brown shrimp landed at Brownsville, Tex. After the September peak, prices declined slightly for the balance of the year. All vessel operators did not benefit equally from the high shrimp prices. In Florida and Texas where the inshore shrimping was poor, vessel owners had to fish distant grounds, thus increasing their operating costs.

The production of processed frozen shrimp products was at record levels during 1962. Breaded shrimp production of Gulf firms was 41.1 million pounds valued at \$33.4 million; frozen raw headless totaled 47.6 million pounds valued at \$43.7 million; peeled and deveined, 11.6 million pounds valued at \$14.4 million; and cooked and peeled shrimp, 1.0 million pounds valued at \$1.9 million. In achieving the record production many processors of breaded and peeled and deveined shrimp used imported as well as domestic shrimp. Canned shrimp processors packed 782,507 standard cases valued at about \$17.2 million--while not a record, this represented a 63-percent increase over the 1961 pack. At the close of the year, canners were concerned over greater than normal inventories of small-size shrimp. A substantial increase in imports of canned small-size shrimp did little to allay their apprehension.

Because shrimp catches during the first 7 months of 1962 were little, if any, better than those of the previous year, some vessel owners tried fishing for royal red shrimp. The Bureau's Branch of Exploratory Fishing had previously delineated the most productive areas in the Gulf of Mexico. One shrimp trawler operating out of Key West, Fla. fished the 180-to-200 -fathom depth range in the area south of Loggerhead Light, and two shrimp trawlers operating out of Texas ports fished similar depths off the Mississippi River delta. These trips did not produce significant commercial quantities.

GULF FISHERIES

The data in the following tabulations include information on species by size; the number of fishing trips; and the catch by area, depth, and size. Catch figures represent the heads-off weight and, therefore, are not directly comparable with the heads-on (live weight) quantities published in the General Review, regional tables, or the Review of Certain Major Fisheries. The pounds of heads-off shrimp may be converted to heads-on weight by multiplying brown shrimp poundage by 1.60; white, 1.54; pink, 1.60; seabobs, 1.53; and royal red by 1.80.

Information on the landings and catch of shrimp in the Gulf area contained in the following tables has been previously published in Current Fishery Statistics No. 3247, Revised. Data on landings and value of shrimp by species and size for the South Atlantic States are included in Section 5 of this Digest.

SUMMARY OF GULF SHRIMP LANDINGS, 1962

SIZE	BROWN		PINK		WHITE	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
UNDER 15.	1,809,068	\$1,744,932	75,641	\$70,825	93,692	\$89,824
15 - 20	5,677,306	5,371,864	2,118,079	1,881,454	2,077,313	1,997,910
21 - 25	4,920,522	4,627,962	2,482,361	2,136,909	2,228,214	2,093,151
26 - 30	3,327,641	2,936,657	3,776,961	3,164,970	1,999,453	1,730,571
31 - 40	7,072,221	5,334,256	6,902,664	5,260,949	3,917,376	2,897,639
41 - 50	5,265,666	3,260,142	3,642,782	2,370,650	2,658,665	1,597,853
51 - 67	3,619,361	1,842,263	1,925,532	1,041,303	4,671,050	2,275,171
68 AND OVER	9,725,298	3,857,811	1,159,191	446,055	5,519,036	2,017,563
TOTAL	41,417,083	26,975,927	22,085,411	16,393,115	23,164,799	14,699,682

SIZE	SEA BOSS		ROYAL RED		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
UNDER 15.	-	-	-	-	1,978,401	\$1,905,581
15 - 20	-	-	-	-	9,872,698	9,251,228
21 - 25	-	-	-	-	9,631,097	8,858,042
26 - 30	-	-	365	\$339	9,106,420	7,832,537
31 - 40	-	-	4,736	3,948	17,897,199	13,516,792
41 - 50	-	-	-	-	11,567,113	7,226,645
51 - 67	-	-	-	-	10,215,943	5,158,757
68 AND OVER	2,629,110	\$483,204	130	49	19,032,765	6,804,682
TOTAL	2,629,110	483,204	5,233	4,336	89,301,636	60,556,264



SHRIMP TRAWLER

GULF FISHERIES

GULF SHRIMP LANDINGS, BY SPECIES AND SIZE, 1962

SPECIES AND SIZE	FLORIDA, WEST COAST		ALABAMA		MISSISSIPPI	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BROWN:						
UNDER 15	-	-	12,948	\$13,064	1,940	\$1,615
15 - 20	51,891	\$47,391	152,345	151,793	119,148	109,120
21 - 25	69,486	61,834	236,917	230,519	101,303	83,489
26 - 30	39,451	32,251	113,212	101,343	131,019	101,254
31 - 40	91,471	64,058	331,041	250,922	299,213	197,733
41 - 50	69,405	41,430	209,488	125,909	349,212	194,147
51 - 57	110,696	56,946	367,877	192,272	884,580	445,996
68 AND OVER	147,339	63,815	401,402	188,083	883,832	395,149
TOTAL	579,740	367,715	1,825,230	1,253,895	2,760,247	1,528,703
PINK:						
UNDER 15	718	630	300	285	-	-
15 - 20	1,302,383	1,150,648	-	-	78	66
21 - 25	2,062,894	1,767,412	-	-	383	318
26 - 30	3,376,634	2,828,217	441	371	1,495	1,107
31 - 40	6,096,895	4,670,344	4,348	3,374	13,644	10,589
41 - 50	3,347,154	2,171,954	12,808	9,212	4,793	3,311
51 - 57	1,660,874	881,467	8,548	5,396	260	151
68 AND OVER	1,152,168	442,148	7,023	3,907	-	-
TOTAL	16,999,720	13,912,820	33,468	22,547	20,653	15,542
WHITE:						
UNDER 15	27	25	5,758	5,542	-	-
15 - 20	29,233	26,039	66,933	64,119	59,458	54,260
21 - 25	42,120	36,808	84,098	77,005	108,188	85,004
26 - 30	47,575	38,742	75,843	64,952	105,322	78,494
31 - 40	60,027	43,769	105,311	78,949	291,772	197,234
41 - 50	34,368	20,140	54,318	32,317	165,101	96,840
51 - 57	34,615	17,187	60,811	30,790	154,468	83,258
68 AND OVER	220,103	84,071	37,650	16,391	163,386	73,014
TOTAL	468,066	266,781	490,722	370,075	1,047,695	673,104
SEA BOBS	59,784	8,891	-	-	7,804	1,590
ROYAL RED:						
31 - 40	178	139	-	-	820	738
68 AND OVER	130	49	-	-	-	-
TOTAL	308	188	-	-	820	738
GRAND TOTAL	20,107,620	14,556,395	2,349,420	1,646,517	3,837,219	2,219,637

SPECIES AND SIZE	LOUISIANA		TEXAS		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BROWN:						
UNDER 15	98,980	\$95,197	1,695,200	\$1,634,856	1,809,068	\$1,744,932
15 - 20	723,766	678,871	4,630,156	4,384,699	5,677,306	5,371,864
21 - 25	301,204	282,717	4,221,612	3,969,423	4,020,522	4,627,982
26 - 30	345,821	307,879	2,698,438	2,393,950	3,327,641	2,936,657
31 - 40	833,881	626,066	5,516,615	4,195,467	7,072,221	5,334,256
41 - 50	968,844	576,469	3,668,716	2,322,187	5,265,666	3,260,142
51 - 57	1,329,707	666,782	926,501	480,287	3,619,361	1,842,283
68 AND OVER	7,171,289	2,872,082	1,121,436	338,682	9,725,998	3,857,811
TOTAL	11,773,192	6,106,063	24,478,674	19,719,551	41,417,083	28,975,927
PINK:						
UNDER 15	165	147	74,458	69,763	75,641	70,825
15 - 20	605	540	815,013	730,200	2,118,079	1,881,454
21 - 25	575	485	418,509	368,694	2,482,361	2,136,909
26 - 30	4,175	3,454	396,216	331,821	3,778,961	3,164,970
31 - 40	5,150	411	767,417	596,231	6,902,864	5,280,949
41 - 50	410	274	277,617	185,899	3,642,782	2,370,650
51 - 57	-	-	255,850	154,287	1,928,832	1,041,303
68 AND OVER	-	-	-	-	1,159,191	446,055
TOTAL	6,490	5,311	3,025,080	2,436,895	22,085,411	16,393,115
WHITE:						
UNDER 15	32,358	32,959	55,549	51,298	93,692	89,824
15 - 20	1,055,988	1,037,494	865,701	815,998	2,077,313	1,997,910
21 - 25	1,082,630	1,045,051	911,178	846,283	2,228,214	2,093,151
26 - 30	368,984	771,293	901,729	777,080	1,999,453	1,730,571
31 - 40	1,893,266	1,399,260	1,567,000	1,178,427	3,917,376	2,897,639
41 - 50	1,494,619	892,297	910,259	594,259	2,658,665	1,597,853
51 - 57	3,641,613	1,788,336	779,543	335,600	4,671,030	2,275,171
68 AND OVER	4,067,239	1,529,311	1,030,868	314,776	5,519,036	2,017,563
TOTAL	14,136,487	8,496,001	7,021,827	4,893,721	23,164,799	14,699,682
SEA BOBS	1,861,588	377,350	699,934	95,413	2,629,110	483,204
ROYAL RED:						
26 - 30	-	-	365	339	365	339
31 - 40	-	-	3,740	3,071	4,738	3,948
68 AND OVER	-	-	-	-	130	49
TOTAL	-	-	4,105	3,410	5,233	4,336
GRAND TOTAL	27,777,757	14,984,725	35,229,620	27,148,990	89,301,636	60,556,264

SEE NOTE ON PAGE 242.

732-417 O-64-16

GULF FISHERIES

GULF COAST SHRIMP CATCH, BY AREA OF CAPTURE, 1962

MAJOR WATER AREAS, DEPTH, AND SPECIES	SIZE (NUMBER OF HEADS-OFF SHRIMP TO THE POUND)											68 & OVER	TOTAL			
	TRIPS		15 - 20		21 - 25		26 - 30		31 - 40		41 - 50			51 - 67		
	NUMBER	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS			POUNDS	POUNDS	POUNDS
SANIBEL AND TORTUGAS AREA:																
0 - 5 FATHOMS PINK	-	-	225,661	1,674	180	1,048	6,048	2,720	4,059	30	30	14,710				
0 - 20 FATHOMS PINK	-	-	104,090	876,223	740,462	2,064,441	2,164,799	2,064,441	1,366,561	933,269	6,371,353					
21 - 35 FATHOMS PINK	-	-	135,769	73,424	155,769	61,907	19,132	6,369	1,366,561	933,269	421,053					
TOTAL	8,088.2	-	329,771	896,431	951,321	2,132,396	2,186,651	1,377,198	933,439	8,607,197						
APALACHICOLA AREA:																
0 - 5 FATHOMS BROWN	-	300	1,006	19,126	28,765	83,230	68,410	110,294	146,878	456,711						
0 - 5 FATHOMS PINK	-	35	9,457	109,836	109,836	109,836	109,836	109,836	184,355	593,461						
0 - 5 FATHOMS WHITE	-	27	16,262	29,316	26,103	45,333	29,994	32,208	289,794	391,756						
0 - 5 FATHOMS SEA BOSS	-	-	-	-	-	-	-	-	59,794	59,794						
6 - 20 FATHOMS BROWN	-	-	437	1,675	109	2,959	145	402	402	7,156						
6 - 20 FATHOMS PINK	-	-	10,928	32,023	62,446	73,891	32,948	4,068	344,639	4,068						
6 - 15 FATHOMS WHITE	-	-	611	786	1,042	1,565	402	815	245	5,466						
21 - 25 FATHOMS PINK	-	-	-	-	-	900	-	-	-	900						
TOTAL	9,924.9	327	29,279	91,365	205,545	306,319	272,965	346,781	616,569	1,669,170						
PENSACOLA TO MISSISSIPPI RIVER:																
0 - 5 FATHOMS BROWN	-	-	9,509	22,967	77,980	241,526	376,136	910,261	1,201,522	2,639,951						
0 - 5 FATHOMS PINK	-	-	53,632	109,578	130,592	476,700	363,916	624,586	576,949	2,335,034						
0 - 5 FATHOMS WHITE	61	-	-	-	-	-	-	-	118,516	118,516						
6 - 20 FATHOMS BROWN	-	-	126,054	277,328	163,755	427,716	456,697	526,168	265,812	2,295,009						
6 - 15 FATHOMS PINK	-	-	73,996	104,472	105,974	161,435	77,898	52,554	40,970	4,899						
6 - 20 FATHOMS WHITE	-	-	65,776	22,779	7,847	8,922	3,975	180	36,619	36,619						
21 - 40 FATHOMS BROWN	-	-	2,270	5,196	4,755	6,153	1,767	1,416	1,141	21,142						
21 - 30 FATHOMS WHITE	-	-	-	-	-	-	-	-	18,941	18,941						
216 - 235 FATHOMS ROYAL RED	-	-	-	-	-	820	-	-	-	-						
TOTAL	35,429.9	17,303	331,315	542,723	495,326	1,343,864	1,291,408	2,120,462	2,266,409	8,408,810						
MISSISSIPPI RIVER TO TEXAS:																
0 - 5 FATHOMS BROWN	-	-	1,274	578	4,159	49,017	337,091	805,473	6,972,812	8,170,404						
0 - 5 FATHOMS PINK	-	-	402,113	664,106	603,071	1,272,694	1,317,190	3,236,824	4,008,009	11,713,571						
0 - 5 FATHOMS SEA BOSS	-	-	-	-	-	-	-	-	2,176,946	2,176,946						
6 - 20 FATHOMS BROWN	29,436	-	79,041	132,018	564,056	263,416	62,770	5,067	1,194,056	1,194,056						
6 - 20 FATHOMS PINK	-	-	692,111	272,471	253,120	519,746	103,687	66,279	30,130	1,952,414						
6 - 20 FATHOMS WHITE BOSS	-	-	686,198	234,644	175,699	134,527	29,744	119,009	119,009	119,009						
21 - 50 FATHOMS BROWN	-	-	1,908	1,856	1,856	1,856	1,199	1,324	128	11,337,215						
21 - 35 FATHOMS WHITE	-	-	-	-	-	-	-	-	53	24,950						
21 - 45 FATHOMS SEA BOSS	-	-	-	-	-	-	-	-	89,685	89,685						
216 - 220 FATHOMS ROYAL RED	-	-	-	-	-	3,740	-	-	-	3,740						
TOTAL	143,803.4	121,682	1,871,500	1,431,937	1,169,925	2,592,655	2,051,572	4,180,913	13,401,899	26,782,043						
TEXAS COAST:																
0 - 5 FATHOMS BROWN	-	-	2,140	221	1,836	11,643	9,556	19,740	1,059,410	1,104,549						
0 - 5 FATHOMS PINK	-	-	411,988	668,950	736,744	1,243,790	709,922	627,319	639,079	5,051,175						
0 - 5 FATHOMS WHITE	-	-	-	-	-	-	-	-	9,556	9,556						
0 - 5 FATHOMS SEA BOSS	-	-	-	-	-	-	-	-	9,556	9,556						

(CONTINUED ON NEXT PAGE)

SEE NOTE AT END OF TABLE.

GULF COAST SHRIMP CATCH, BY AREA OF CAPTURE, 1962 - Continued

MAJOR WATER AREAS, DEPTH, AND SPECIES		TRIPS	SIZE (NUMBER OF HEADS-OFF SHRIMP TO THE POUND)										66 & OVER		TOTAL		
			UNDER 15	15 - 20	21 - 25	26 - 30	31 - 40	41 - 50	51 - 67	POUNDS	POUNDS						
TEXAS COAST - CONTINUED:		NUMBER	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
6 - 20 FATHOMS BROWN		106,714	791,074	2,307,239	1,716,173	3,283,146	2,812,455	654,703	72,200	11,743,704							
6 - 20 FATHOMS WHITE		11,242	237,988	146,497	113,974	175,304	50,498	28,190	357	10,066							
6 - 20 FATHOMS SEA ROGS																	
21 - 50 FATHOMS BROWN		353,498	2,321,222	883,162	434,160	681,177	296,930	106,457	18	5,076,524							
21 - 25 FATHOMS PINK		25	556	460	101	491	142	109	-	1,884							
TOTAL		52,196.2	482,892	4,009,035	3,006,342	5,399,968	3,860,507	1,436,518	1,780,674	23,759,944							
OFF MEXICO WEST 94° LONGITUDE:																	
0 - 5 FATHOMS BROWN		750	2,156	130	45	225	225	225	-	3,511							
6 - 20 FATHOMS BROWN		71,000	107,977	96,020	57,206	183,704	165,754	169,663	-	851,193							
6 - 20 FATHOMS PINK		220	53,433	5,468	1,226	1,579	1,290	93	-	86,052							
21 - 50 FATHOMS BROWN		1,032,831	1,221,403	785,694	407,127	1,147,778	325,511	164,039	-	5,085,423							
21 - 35 FATHOMS PINK			1,195	230	35	2,522	45	-	-	4,027							
21 - 35 FATHOMS WHITE		680	1,425	649	155	190	-	-	-	3,099							
TOTAL		3,330.8	1,126,899	1,388,404	889,000	465,919	1,339,476	493,952	334,615	6,040,265							
OFF OBREGON AND CAMPECHE:																	
0 - 5 FATHOMS BROWN		10,775	3,325	3,268	6,394	8,354	1,900	24,357	-	23,641							
6 - 20 FATHOMS BROWN		12,987	36,720	1,031,995	2,131,982	3,759,262	951,262	199,023	-	8,761,265							
6 - 20 FATHOMS PINK		2,115	17,486	13,000	3,056	4,950	2,832	-	-	16,538							
21 - 45 FATHOMS BROWN		120,657	215,270	173,810	87,326	183,226	60,995	52,931	-	371,373							
21 - 35 FATHOMS PINK		62,910	1,095,796	563,223	493,628	706,624	259,666	124,819	-	3,275,759							
21 - 50 FATHOMS WHITE		12,455	79,161	11,478	2,615	6,610	-	-	-	105,319							
TOTAL		1,786.0	2,111,873	1,935,546	2,716,089	4,715,387	1,327,357	401,030	20,261	13,349,842							
CARIBBEAN SEA SOUTH LATITUDE 21° NORTH:																	
6 - 10 FATHOMS WHITE, TOTAL		3.0	-	3,960	12,622	709	-	-	-	17,191							
ATLANTIC OCEAN:																	
6 - 10 FATHOMS PINK			-	160	526	187	-	8,528	-	21,952							
6 - 15 FATHOMS WHITE			-	-	-	178	-	94	-	308							
86 - 200 FATHOMS ROYAL RED			-	-	-	-	-	-	-	-							
TOTAL		47.6	-	160	526	365	-	8,622	-	25,227							
GRAND TOTAL		254,612.0	1,973,002	9,927,150	9,023,615	17,791,339	11,504,612	10,206,129	19,032,765	89,057,689							

NOTE:--THESE DATA REPRESENT THE CATCHES OF VESSELS COMPLETING TRIPS DURING THE YEAR, REGARDLESS OF WHEN LANDINGS OCCURRED. CONSEQUENTLY, THE DATA ARE NOT DIRECTLY COMPARABLE WITH THOSE PRESENTED IN THE TABLES WHICH REPRESENT LANDINGS. A SINGLE TRIP IS SHOWN FOR EACH VOYAGE. ADDITIONAL TABULATIONS CONCERNING THE GULF OF MEXICO CATCH OF SHRIMP IN MORE DETAIL BY AREA, DEPTH, SIZE, AND FISHING EFFORT MAY BE OBTAINED UPON REQUEST FROM THE BUREAU OF COMMERCIAL FISHERIES, U.S. FISH AND WILDLIFE SERVICE, WASHINGTON, D. C. 20240

GULF FISHERIES

SOUTH ATLANTIC AND GULF COAST SHRIMP LANDINGS, 1962

SPECIES AND SIZE	SOUTH ATLANTIC		GULF		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BROWN:						
UNDER 15	-	-	1,809,068	\$1,744,932	1,809,068	\$1,744,932
15 - 20	145,713	\$130,498	5,677,306	5,371,864	5,823,019	5,502,362
21 - 25	651,342	539,131	4,920,522	4,627,982	5,571,864	5,167,113
26 - 30	1,133,216	903,573	3,327,641	2,936,657	4,460,864	3,840,230
31 - 40	2,575,242	1,838,230	7,072,221	5,334,256	9,647,463	7,172,576
41 - 50	1,499,955	861,563	5,265,666	3,260,142	6,765,621	4,121,705
51 - 67	861,351	396,911	3,619,361	1,842,283	4,500,712	2,239,194
68 AND OVER	276,345	101,403	9,725,298	3,857,611	10,001,643	3,959,214
TOTAL	7,163,164	4,771,399	41,417,083	26,975,927	48,580,247	33,747,326
PINK:						
UNDER 15	-	-	75,641	70,825	75,641	70,825
15 - 20	50,105	43,993	2,118,079	1,861,454	2,168,184	1,925,447
21 - 25	177,535	142,503	2,482,361	2,136,909	2,659,896	2,279,412
26 - 30	133,206	97,583	3,778,961	3,164,970	3,912,167	3,262,553
31 - 40	195,035	127,046	6,902,864	5,280,949	7,097,899	5,407,995
41 - 50	316,241	168,600	3,642,782	2,370,650	3,959,023	2,539,250
51 - 67	332,845	131,133	1,925,532	1,041,303	2,286,377	1,172,436
68 AND OVER	199,102	62,328	1,159,191	446,055	1,356,293	508,383
TOTAL	1,404,069	773,186	22,085,411	16,393,115	23,489,480	17,166,301
WHITE:						
UNDER 15	487	487	93,692	89,824	94,179	90,311
15 - 20	66,307	62,332	2,077,313	1,997,910	2,143,620	2,060,242
21 - 25	767,604	722,821	2,228,214	2,093,151	2,995,818	2,815,972
26 - 30	1,718,370	1,514,060	1,999,453	1,730,571	3,717,823	3,244,631
31 - 40	2,170,495	1,660,452	3,917,376	2,897,639	6,087,871	4,588,091
41 - 50	1,526,077	972,082	2,658,665	1,597,853	4,184,742	2,569,935
51 - 67	1,160,470	540,261	4,671,050	2,275,171	5,831,520	2,815,432
68 AND OVER	469,307	185,354	5,519,036	2,017,563	5,988,343	2,202,917
TOTAL	7,879,117	5,657,849	23,164,799	14,699,682	31,043,916	20,357,531
SEA BOBS						
	-	-	2,629,110	483,204	2,629,110	483,204
ROYAL RED:						
21 - 25	27,809	22,870	-	-	27,809	22,870
26 - 30	51,239	40,788	365	339	51,604	41,127
31 - 40	7,219	5,053	4,738	3,948	11,957	9,001
41 - 50	2,263	1,481	-	-	2,263	1,481
51 - 67	1,135	571	-	-	1,135	571
68 AND OVER	1,421	585	130	49	1,551	634
TOTAL	91,086	71,348	5,233	4,336	96,319	75,684
GRAND TOTAL	16,537,436	11,273,782	89,301,636	60,556,264	105,839,072	71,830,046

NOTE:--ALL WEIGHTS ARE ON HEADS-OFF BASIS. THE SIZE INDICATES THE NUMBER OF HEADS-OFF SHRIMP TO THE POUND. TO CONVERT TO HEADS-ON WEIGHT MULTIPLY BY 1.61 FOR BROWN, 1.60 FOR PINK, 1.54 FOR WHITE, 1.53 FOR SEA BOBS, AND 1.80 FOR ROYAL RED. THE AREAS LISTED REPRESENT THE STATES WHERE THE SHRIMP WERE LANDED REGARDLESS OF WHERE CAUGHT. THE NAMES OF THE SPECIES USED IN THESE TABLES ARE AS FOLLOWS: WHITE SHRIMP (MOSTLY PENAEUS SETIFERUS), BROWN SHRIMP (PENAEUS AZTECUS AND IN SOME CASES PENAEUS BRASILIENSIS), PINK SHRIMP (PENAEUS DUORARUM), SEA BOBS (MOSTLY XIPHOPENAEUS KROYERI), AND ROYAL RED (HYMENOPENAEUS ROBUSTUS). THE VALUE REPORTED IS THE AMOUNT RECEIVED BY THE OWNERS OR OPERATORS OF THE VESSEL FOR THE FIRST SALE AT THE DOCK. ANY EXPENSES INVOLVED IN HANDLING OR PROCESSING ASHORE ARE NOT INCLUDED, EVEN THOUGH CHARGEABLE TO THE VESSEL. THE SIZE REPORTED GENERALLY IS THAT USED AS OF THE FIRST SALE. SIZE GRADING IN VARYING DEGREES OF UNIFORMITY MAY OR MAY NOT OCCUR AT, OR PRIOR TO, THE TIME FIRST SALES ARE MADE. IF GRADING IS NOT DONE AT THIS TIME, THE SIZE REPORTED IS AN AVERAGE SIZE AND MAY INCLUDE SEVERAL SIZE CLASSIFICATIONS.

SECTION 7 - PACIFIC COAST FISHERIES

In 1962, the yield of the commercial fisheries of the Pacific Coast States (Alaska, Washington, Oregon, and California) was 1.1 billion pounds valued at \$139 million. Total landings were 57 million pounds less than the previous year while the value increased \$11 million. Contributing largely to the decline in quantity were lower landings of sardines, sea herring, and tuna--down 28, 17, and 13 million pounds, respectively. The gain in value resulted chiefly from improved ex-vessel prices received in 1962 for landings of king and Dungeness crabs, salmon, halibut, tuna, and rockfish, and increased catches of king crabs.

The Pacific Coast accounted for 21 percent of the volume and 35 percent of the value of the total U.S. landings. It was second only to the Gulf Coastal States in quantity and led all other areas in value. In volume of catch, California led with 518 million pounds (46 percent), and Alaska was next with 429 million (38 percent). Washington and Oregon receipts were 118 and 61 million pounds, respectively. Alaska led in value of the catch with \$57 million (41 percent), followed by California, \$55 million (39 percent), Washington, \$19 million, and Oregon, \$8 million.

Fishermen and vessels. There were 32,597 fishermen engaged in the Pacific Coast fisheries in 1962. Fishing craft consisted of 4,586 vessels of 5 net tons and over, 11,787 motor boats, and 358 other boats. The craft ranged from small one-man boats to a large tuna purse seiner of 811 gross tons.

Processing. The value of the Pacific Coast manufactured products in 1962 totaled \$358 million--an increase of slightly more than \$538,000. California led all other Pacific Coast States with 51 percent of the total, followed by Alaska with 32 percent. Oregon registered the greatest percentage of gain; the value of its processed products was 11 percent greater than the previous year--due primarily to the increased value of the canned tuna pack and shucked oysters.

High-seas fishery. Fish taken on the high seas off coasts of foreign countries by Pacific Coast fishermen amounted to 281 million pounds (25 percent of the total catch). Tuna taken off Central and South America supplied 84 percent of these landings and accounted for 21 percent of the total Pacific Coast production. Other important species taken off foreign coasts were bottomfish, halibut, and salmon caught off British Columbia. In 1962, Pacific Coast fishermen ranged farther than those of any other area, operating from the Bering Sea to waters off Peru and even off New England in their search for fish.

Tuna. The 1962 Pacific Coast tuna production of 294 million pounds was 17 million less than the previous year, due chiefly to reduced receipts of yellowfin. Landings of these fish, which were nearly 192 million pounds in 1961, dropped to 124 million pounds in 1962. The decline was only partially offset by record catches of bluefin and substantial increases in the take of albacore and skipjack tuna. Despite the decrease in landings, the ex-vessel value of the tuna catch was \$42.6 million--a gain of \$2.4 million or 6 percent compared with 1961. The increase in value resulted largely from improved prices paid for the catch. The California tuna fishery was retarded in 1962 by several price disputes that slowed down vessel unloadings as much as 6 weeks during August, September, and early October.

Albacore landings in California (36.6 million pounds) increased 7.5 million pounds compared with 1961, while Oregon receipts (9 million) were up over 5 million pounds. Albacore became plentiful off the Columbia River in August, and prices ranged as high as \$375 a ton at the start of the season but dropped to \$305 at coastal points as the season progressed.

Washington landings of albacore totaled 365,000 pounds--a decline of nearly 100,000 pounds from 1961 and the poorest season for this species since 1955. It was the fourth lowest catch taken off Washington Coasts since the inception of the albacore fishery in 1937.

PACIFIC COAST FISHERIES

The Pacific Coast tuna pack for 1962 was nearly 12 million cases, 175,000 cases or 1 percent more than in 1961, while the value of the pack increased \$5 million (4 percent). The pack in Washington was up 20 percent; Oregon, up 15 percent; but the California pack was slightly less than the previous year. California had 88 percent of the Pacific Coast tuna pack and 62 percent of the total U.S. pack for 1962.

Salmon. The 1962 Pacific salmon catch totaled 314.6 million pounds valued at \$56.4 million--a gain of over 4 million pounds and \$4 million compared with the previous year. The catch was the largest since 1956, but was only 40 percent of the record 791 million pounds landed in 1936. Chiefly responsible for the increase were Alaska landings of 278 million pounds--13 million (5 percent) more than in 1961. The Washington catch of 23 million pounds declined 7 million (24 percent) while California landings of 7 million fell 2 million pounds below the 1961 production. Oregon receipts of 7 million pounds remained much the same as in the previous year. The Alaska pack of canned salmon, amounting to 3.5 million cases, was the best since 1952 and over 260,000 cases higher than in 1961. Central Alaska, with a pack of 2 million cases, supplied 58 percent of the Alaska total. The value of the Alaska pack was down \$4 million due to the heavy production of low-priced pink salmon. In 1961, the valuable red salmon had predominated. The Washington and Oregon pack of canned salmon in 1962 amounted to 326,000 cases, 159,000 cases or 33 percent less than in 1961. While there was a slight increase in the pack of chinook, all other species registered declines. The red pack alone was down 41 percent from the previous year. In Washington, a strong demand for fresh and frozen silvers and chums, coupled with a shortage of Puget Sound red and pink salmon, was reflected in a canned pack for that district which totaled only 103,144 cases from local fish, compared with 252,544 cases in 1961. In addition, 114,899 cases were packed from Alaska fish, while imported Canadian chum salmon accounted for 13,922 cases. Chum and pink comprised most of the Alaska frozen salmon canned at Puget Sound plants.

In Central Alaska, the Kodiak Island area had an excellent run of pink salmon which provided the best fishing in many years. Cook Inlet and Prince William Sound also had good runs of pink salmon; however, red salmon landings in Western Alaska declined sharply. The salmon catch in the Ketchikan area was only fair, and the fishing in the Northern District of Southeastern Alaska did not come up to expectations. While pink salmon comprised most of the Alaska catch, Washington experienced poor landings of pinks--a normal occurrence for an even-numbered year. Puget Sound landings of red salmon (5 million pounds) were considerably below expectations. Fishermen had hoped that the parent run of 1958, which was the greatest since 1913, heralded the return of this once prolific run of red salmon. However, when it was learned that there had been a high mortality rate of red salmon at sea, many fishermen turned toward Alaska waters--leaving comparatively few purse seiners in Puget Sound. The peak of the red salmon run appeared in August but was little more than half that of 1961. Drastic fishing regulations were put into effect late in the season to allow sufficient spawning escapement.

Halibut. In 1962, landings of halibut by the combined United States and Canadian fleets totaled a record 100 million pounds (round weight basis). This exceeded by over 4 million pounds the catch taken in 1960, the former record year. U.S. fishermen accounted for 53.8 million pounds or 54 percent of the total catch. The 1962 ex-vessel value of \$11.6 million (up \$3 million over 1961) was the highest amount ever paid to fishermen in the U.S. halibut fishery. An important development of the 1962 halibut season was the record landings (nearly 11 million pounds) in Ketchikan, Alaska. The volume was the greatest in 52 years, slightly exceeding receipts at Seattle, Wash.--long the leading U.S. port for halibut. Similarly, Kodiak, Alaska, and Bellingham, Wash. emerged as major halibut ports. This was due partly to the increased ex-vessel price and partly to the installation at both ports of modern cold-storage facilities capable of accommodating the increased volume.

Catch limits set by the International Pacific Halibut Commission were unchanged from 1961--28 million pounds (landed weight) for Area 2 and 33 million pounds for Area 3A. There was no catch limit imposed in Area 1 and Area 3B. The early season fishing in the Bering Sea was very good, with 5.5 million pounds of halibut caught during April: the fishery was prosecuted in these waters by a small fleet of vessels until the season closed October 15. In Area 2, halibut were scarce, and the season was prolonged to September 8 (for a total of 122 days) in order to catch the established quota. The Area 3A season closed on August 11 when the quota was filled in 94 days. The U.S. halibut fleet operating out of Pacific Coast ports numbered 329 vessels--two more than in 1961.

Shrimp. Landings of shrimp reached peak production in Alaska and Oregon in 1962, resulting in a record Pacific Coast catch of these shellfish. Total landings in the four States amounted to 23 million pounds--2 million more than in 1961. Alaska accounted for 74 percent and Oregon, 12 percent. Shrimp landings declined slightly in Washington and California. The 1962 value of the shrimp production totaled \$1.3 million--an increase of \$260,000 compared with the previous year.

Mackerel. The 1962 Pacific and jack mackerel catch of 138.6 million pounds was 2 percent lower than the previous year, but was the seventh highest in the history of the fishery. Receipts of Pacific mackerel (48.6 million pounds) were the largest since 1957 and landings of jack mackerel (90 million pounds) were the second highest since 1952. The 1962 pack of mackerel (1.2 million cases valued at \$7.6 million) was the third largest since 1952. Large schools of jack mackerel were plentiful in 1962, and record landings could have been made. Production dropped, however, when the fleet did not fish during a 5-week period of ex-vessel price disputes. Cannery also, at times, imposed nightly catch limits.

Crabs. The king crab, continuing its important role in the economy of the Alaska commercial fishing industry, yielded a record catch of 52.8 million pounds--9.4 million more than in 1961, the former high year. This substantial increase was due principally to an abundance of king crabs, improved fishing gear, and the discovery of new fishing grounds. Fishing effort was concentrated in the areas from Adak in the Aleutians east to Prince William Sound, and centered generally around Kodiak Island. King crabs, with a value of \$5.3 million to the fishermen, were the third most valuable species in the Alaska catch--exceeded only by salmon and halibut. While the king crab attained new levels in production and value, the Dungeness crab industry experienced severe reverses. Landings of this shellfish along the Pacific Coast dropped from 32.7 million pounds in 1961 to 23.4 million in 1962. The California production of 3.2 million pounds (down 8.5 million from 1961) was the poorest catch since 1944. The 1962 landings of Dungeness crabs in Washington (5.4 million pounds) and Oregon (5.7 million) likewise compared unfavorably with 1961, showing a decline of 1.7 and 3.5 million pounds, respectively. In Alaska, however, the production of 9 million pounds was nearly double the 1961 landings. In 1962, the short supply of Dungeness crabs coupled with a brisk demand for crab meat, sent prices soaring. At times prices reached more than \$6.00 for a dozen crabs--compared with about \$3.50 per dozen paid during periods of normal production. Several firms instituted an air service which delivered fresh Dungeness and king crabs daily from the Kodiak area of Alaska to Seattle, Wash.

Oysters. The 1962 Pacific Coast oyster production was 10.8 million pounds--an increase of 547,000 pounds or 5 percent compared with the previous year. There were small gains in all three States. Oyster prices improved over 1961 and the market was favorable for most of the year.

The pack of canned oysters amounting to 225,115 cases consisted of 77,758 cases of meats and 147,357 cases of stew, soup, etc. The pack of meats was 17 percent greater than in 1961, while that of other oyster products increased 18 percent.

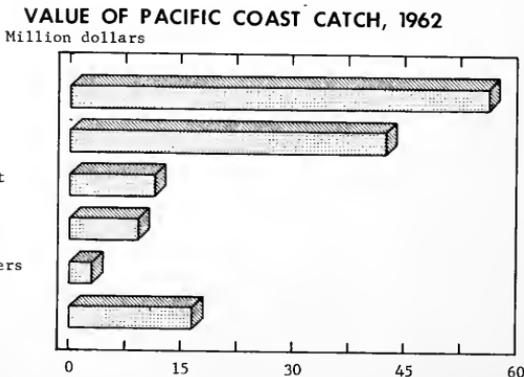
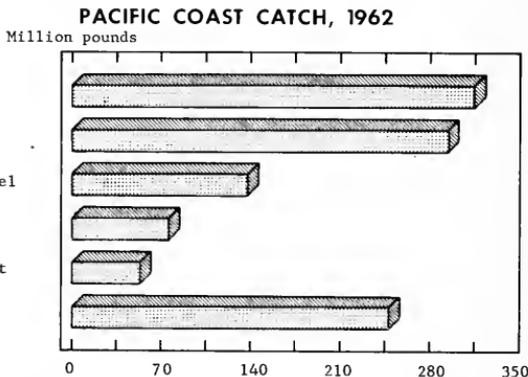
PACIFIC COAST FISHERIES

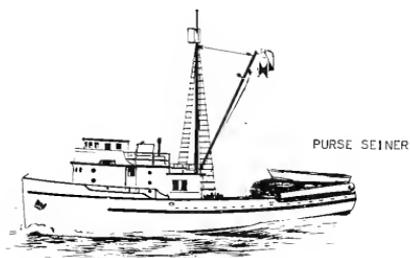
In 1962, there was a marked increase in the quantity of fresh and frozen oysters shipped to eastern plants for use in the canned pack of oyster stew.

Whales. The catch of whales in 1962 totaled 248--95 less than in the previous year. Fin whales, the most valuable, were taken in greatest number--124 compared with 118 in 1961. The local stock of humpback has been greatly reduced in recent years; in 1962 the catch of 39 was 25 less than in 1961, 101 less than in 1959, and the lowest take since the fishery was reactivated in 1956. The 60 sperm whales captured were considerably less than the 1961 catch of 104. Sei whales were more scarce than usual, and the catch dropped from 51 to 22 in 1962. During the 1962 season, three whaling stations operated--the same as in the previous year.

Further information. Condensed summary data on the operating units and catch by States for the Pacific Coast fisheries appearing on the following pages have been previously published in Current Fishery Statistics No. 3449. Additional data on many aspects of the Pacific Coast fisheries appear in daily, monthly, and annual reports published by the Bureau's Fishery Market News Service offices in San Pedro, Calif., and Seattle, Wash. Specific data on several of the major fisheries of the Pacific Coast may be found in Section 11 of this publication.

Acknowledgments. The Bureau acknowledges the assistance of the following organizations in the collection of the data appearing in this section: The Alaska Department of Fish and Game, the Washington Department of Fisheries, The Oregon Fish Commission, and the California Department of Fish and Game.



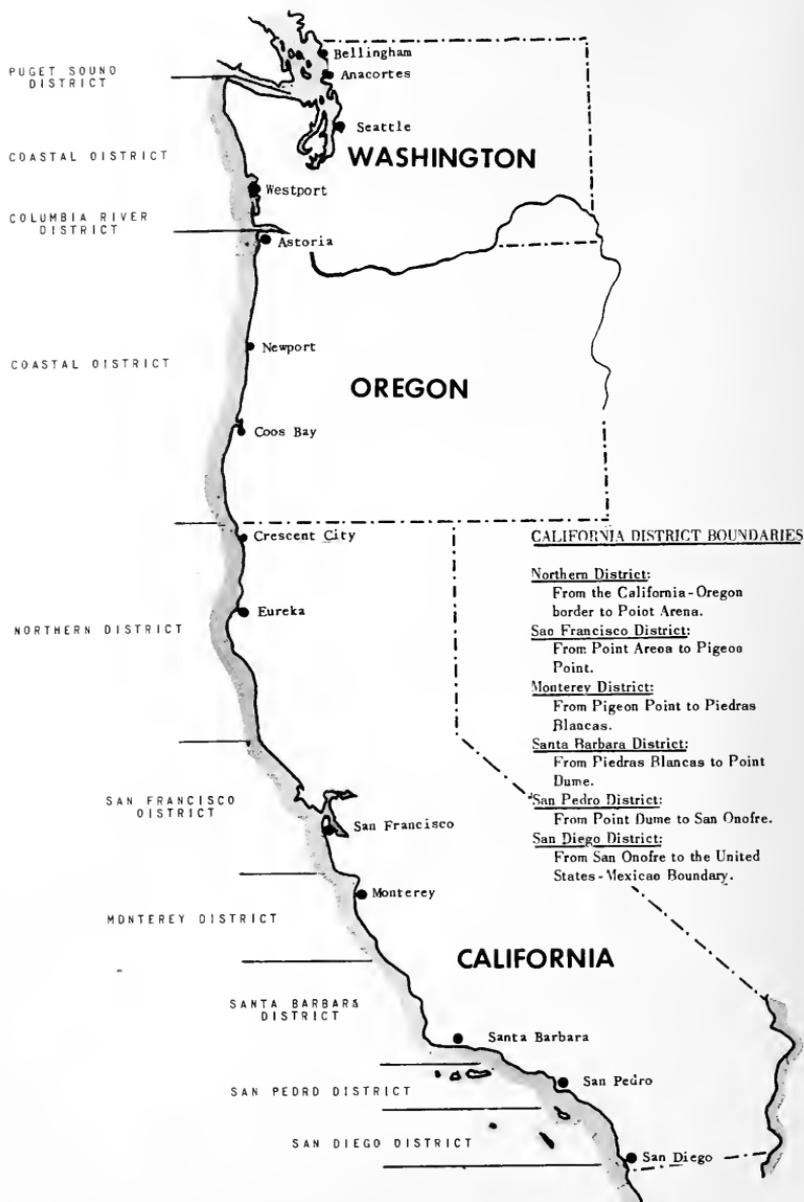


PACIFIC COAST STATES



PACIFIC COAST FISHERIES

PACIFIC COAST STATES - Continued



PACIFIC COAST FISHERIES

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SECTIONAL SUMMARIES

SUMMARY OF CATCH, 1962

(MILLIONS OF POUNDS AND MILLIONS OF DOLLARS)

STATE	FISH		SHELLFISH, ETC.	
	QUANTITY	VALUE	QUANTITY	VALUE
ALASKA	350	50	79	7
WASHINGTON	101	15	17	4
OREGON	52	6	9	2
CALIFORNIA	491	52	17	2
TOTAL	994	123	122	15

STATE	WHALE PRODUCTS		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE
ALASKA	-	-	429	57
WASHINGTON	-	-	118	19
OREGON	(1)	(1)	61	8
CALIFORNIA	10	1	518	55
TOTAL	10	1	1,126	139

1/ LESS THAN 500,000 POUNDS OR \$500,000.

SUMMARY OF OPERATING UNITS, 1962

ITEM	ALASKA	WASHINGTON	OREGON	CALIFORNIA	TOTAL, EXCLUSIVE OF DUPLI- CATION
FISHERMEN:					
ON VESSELS	6,686	4,234	1,289	5,370	14,871
ON BOATS AND SHORE	9,110	4,873	1,362	2,486	17,726
TOTAL	15,796	9,107	2,651	7,856	32,597
VESSELS, MOTOR	2,096	1,323	587	1,469	4,586
GROSS TONNAGE	46,615	31,837	13,190	70,777	137,629
BOATS:					
MOTOR	7,150	2,294	990	1,719	11,787
OTHER	-	351	7	-	358
GEAR:					
HAUL SEINES	-	96	5	10	111
LENGTH, YARDS	-	7,500	500	1,400	9,400
PURSE SEINES AND LAMPARA NETS:					
ANCHOVY	-	-	-	17	17
LENGTH, YARDS	-	-	-	5,350	5,350
HERRING	10	7	-	-	17
LENGTH, YARDS	5,000	2,985	-	-	7,985
MACKEREL AND SARDINE	-	-	-	103	103
LENGTH, YARDS	-	-	-	49,150	49,150
SALMON	1,362	286	-	-	1,464
LENGTH, YARDS	563,000	153,135	-	-	617,145
SQUID	-	-	-	33	33
LENGTH, YARDS	-	-	-	10,980	10,980
TUNA	-	-	-	147	147
LENGTH, YARDS	-	-	-	98,830	98,830
OTHER	-	-	-	11	11
LENGTH, YARDS	-	-	-	2,700	2,700
BEAM TRAWLS, SHRIMP	17	2	-	13	32
YARDS AT MOUTH	207	16	-	91	314
OTTER TRAWLS:					
FISH	2	106	51	69	219
YARDS AT MOUTH	30	2,357	1,157	1,842	5,189
SHRIMP	14	11	28	-	49
YARDS AT MOUTH	200	212	524	-	887
BRUSH WEIRS	-	1	1	-	1
POUND NETS	-	4	-	-	4
FLOATING TRAPS	11	-	-	-	11

(CONTINUED ON NEXT PAGE)

PACIFIC COAST FISHERIES

SUMMARY OF OPERATING UNITS, 1962 - Continued

ITEM	ALASKA	WASHINGTON	OREGON	CALIFORNIA	TOTAL, EXCLUSIVE OF DUPLI- CATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
GEAR - CONTINUED:					
POTS AND TRAPS:					
CRAB:					
DUNGNESS	7,800	23,060	33,400	27,090	88,009
KING	13,700	-	-	-	13,700
CRAWFISH	-	60	600	-	660
FISH	-	-	-	100	100
LOBSTER, SPINY	-	-	-	12,780	12,780
OCTOPUS	-	125	-	-	125
SHRIMP	250	-	-	36	286
GILL NETS:					
ANCHOR, SET OR STAKE:					
SALMON	2,399	364	-	-	2,763
SQUARE YARDS	1,746,000	87,500	-	-	1,833,500
OTHER	-	5	156	-	161
SQUARE YARDS	-	4,500	62,400	-	66,900
DRIFT:					
BARRACUDA	-	-	-	32	32
SQUARE YARDS	-	-	-	84,400	84,400
SALMON	3,221	1,189	593	-	4,945
SQUARE YARDS	3,746,100	5,739,700	1,808,600	-	11,148,900
SEA BASS	-	-	-	78	78
SQUARE YARDS	-	-	-	225,400	225,400
SMELT	-	25	55	-	80
SQUARE YARDS	-	22,500	49,500	-	52,000
OTHER	-	-	57	8	65
SQUARE YARDS	-	-	114,000	26,800	140,800
TRAMMEL NETS	-	-	-	8	8
SQUARE YARDS	-	-	-	45,000	45,000
LINES:					
HAND:					
ROCKFISHES	-	62	-	226	288
HOOKS	-	124	-	452	576
TUNA:					
ALBACORE	-	-	-	875	875
HOOKS	-	-	-	875	875
YELLOWFIN AND SKIPJACK	-	-	-	354	354
HOOKS	-	-	-	354	354
OTHER	-	-	-	334	334
HOOKS	-	-	-	668	668
TROLL:					
ALBACORE	-	602	4,007	5,931	9,402
HOOKS	-	602	4,007	5,931	9,402
SALMON	4,384	5,346	2,940	9,120	20,234
HOOKS	23,904	22,584	12,930	36,480	89,126
OTHER	-	108	-	216	324
HOOKS	-	216	-	216	432
LONG OR SET WITH HOOKS	9,926	4,525	174	574	11,378
HOOKS	766,302	366,883	14,975	57,400	904,897
DIP NETS, COMMON	-	239	42	-	281
DIP, BRAIL, OR SCOOP NETS	2	-	-	80	82
REEF NETS	-	75	-	-	75
WHEELS	5	-	-	-	5
HARPOONS:					
SWORDFISH	-	-	-	27	27
WHALE	-	-	1	5	6
DREDGES:					
CLAM	-	4	-	-	4
YARDS AT MOUTH	-	4	-	-	4
OYSTER:					
COMMON	-	76	6	3	85
YARDS AT MOUTH	-	152	12	3	167
SUCTION	-	1	-	1	2
TONGS:					
OYSTER	-	-	-	25	25
OTHER	-	-	-	2	2
SHOVELS	300	1,649	190	12	2,151
DIVING OUTFITS, ABALONE	-	-	-	151	151
BY HAND	100	-	-	-	100

PACIFIC COAST FISHERIES

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CATCH BY STATES, 1962.

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	ALASKA		WASHINGTON		OREGON	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
CARP	-	-	1,167	13	-	-
COD	-	-	3,166	158	19	1
DOLLY VARDEN TROUT	4	1	-	-	-	-
FLOUNDERS:						
"SOLE"	-	-	13,100	885	16,353	941
UNCLASSIFIED	-	-	1,005	50	961	40
HAKE	-	-	332	3	53	1
HALIBUT	36,792	7,467	16,480	4,010	481	101
HERRING, SEA	33,876	379	6,372	256	16	7
LINGCOD	-	-	4,323	231	-	849
OCEAN PERCH	-	-	11,522	576	5,805	256
PERCH	-	-	176	18	5	(2)
RATFISH	-	-	1,596	14	-	-
ROCKFISHES	166	8	9,972	493	8,008	337
SABLEFISH	1,509	172	4,948	523	367	35
SALMON:						
CHINOOK OR KING	8,739	2,699	5,563	2,583	4,507	1,788
CHUM OR KETA	57,652	4,832	2,664	6	29	4
PINK	143,279	20,296	30	472	-	-
RED OR SOCKEYE	52,946	11,130	5,069	1,684	34	14
SILVER OR COHO	15,232	3,162	9,526	2,697	2,623	763
TOTAL SALMON	277,848	42,119	22,852	7,642	7,193	2,569
SEA BASS, WHITE	-	-	-	-	7	(2)
SHAD	-	-	347	39	1,239	173
SHARKS:						
GRAYFISH	-	-	763	4	10	(2)
SOUPFIN	-	-	(2)	(2)	2	(2)
UNCLASSIFIED	-	-	6	(2)	-	-
TOTAL SHARKS	-	-	769	4	12	(2)
SKATES	-	-	330	3	227	6
SMELT:						
EULACHON	-	-	988	69	496	72
SURF OR SILVER	-	-	351	29	2	(2)
STEELHEAD TROUT	10	2	458	137	558	167
STRIPED BASS	-	-	-	-	53	6
STURGEON	-	-	264	47	201	33
SUCKERS	-	-	31	1	-	-
TOMCOD	-	-	71	2	-	-
TUNA, ALBACORE	-	-	365	65	8,950	1,497
TOTAL FISH	350,205	50,148	101,025	15,268	51,897	6,283
SHELLFISH, ETC.						
CRABS:						
OUNGENESS	8,990	1,002	5,403	1,060	5,748	1,127
KING	52,762	5,276	-	-	-	-
TANNER	11	1	-	-	-	-
TOTAL CRABS	61,763	6,281	5,403	1,060	5,748	1,127
CRAWFISH, FRESH-WATER	-	-	1	(2)	13	3
SHRIMP	16,943	732	1,399	136	2,777	273
CLAMS:						
COCKLE	1	(2)	-	-	-	-
HARD	-	-	408	173	-	-
RAZOR	240	79	232	93	11	5
MIXED	-	-	-	-	27	13
TOTAL CLAMS	241	79	640	266	38	18
OCTOPUS	-	-	120	15	1	(2)
OYSTERS, MARKET:						
PACIFIC	-	-	8,877	2,120	512	128
WESTERN	-	-	26	73	-	-
TOTAL OYSTERS	-	-	8,903	2,193	512	128

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

PACIFIC COAST FISHERIES

CATCH BY STATES, 1962 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	ALASKA		WASHINGTON		OREGON	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
SHELLFISH, ETC. - CONTINUED						
SQUID	-	-	13	1	-	-
KELP (WITH HERRING EGGS)	46	2	-	-	-	-
TOTAL SHELLFISH, ETC.	79,013	7,094	16,479	3,671	9,089	1,549
WHALE PRODUCTS:						
MEAL	-	-	-	-	4	(2)
MEAT	-	-	-	-	13	1
OIL	-	-	-	-	2	(2)
TOTAL WHALE PRODUCTS	-	-	-	-	19	1
GRAND TOTAL	429,218	57,242	117,504	18,939	61,005	7,833
SPECIES	CALIFORNIA 1/		TOTAL			
	QUANTITY	VALUE	QUANTITY	VALUE		
ANCHOVIES	2,764	50	2,764	50		
BARRACUDA	746	110	746	110		
BONITO	2,135	63	2,135	63		
CABEZONE	2	(2)	2	(2)		
CABRILLA	2	4	2	4		
CARP	221	11	1,408	24		
COD	-	-	3,185	159		
DOLLY VARDEN TROUT	-	-	4	1		
FLOUNDERS:						
ARROWTOOTH HALIBUT	53	2	53	2		
CALIFORNIA HALIBUT	3/863	3/208	863	208		
SAND DABS	680	48	680	48		
"SOLE"	17,502	1,301	46,955	3,127		
UNCLASSIFIED	3/338	3/19	2,324	109		
FLYING FISH	14	1	14	1		
GROUPERS	311	64	311	64		
HAKE	79	1	464	5		
HALFMOON	9	2	9	2		
HALIBUT	4	1	53,757	11,579		
HARDHEAD	129	26	128	26		
HERRING, SEA	1,306	49	41,570	691		
KING CROAKER	668	25	668	25		
LINGCOD	1,112	88	6,284	360		
MACKEREL:						
JACK	89,979	1,869	89,979	1,869		
PACIFIC	48,579	1,027	48,579	1,027		
OCEAN PERCH	-	-	17,327	832		
OPALEYE	2	(2)	2	(2)		
PERCH	165	24	346	42		
POMPANO	36	11	36	11		
RATFISH	-	-	1,596	14		
ROCK BASS	2	(2)	2	(2)		
ROCKFISHES	9,534	574	27,960	1,412		
SABLEFISH	2,015	112	8,659	842		
SALMON:						
CHINOOK OR KING	6,302	3,869	25,111	10,959		
CHUM OR KETA	-	-	60,345	5,308		
PINK	-	-	143,309	20,302		
RED OR SOCKEYE	-	-	59,049	12,828		
SILVER OR COHO	371	134	27,752	6,956		
TOTAL SALMON	6,673	4,023	314,566	56,353		
SARDINE, PACIFIC	15,363	490	15,363	490		
SCULPIN	58	17	58	17		
SEA BASS:						
BLACK	446	73	446	73		
WHITE	574	177	561	177		
SHAO	-	-	1,566	212		
SHARKS:						
GRAYFISH	-	-	773	4		
SOUPFIN	-	-	(2)	(2)		
UNCLASSIFIED	753	69	761	69		
TOTAL SHARKS	753	69	1,534	73		
SHEEPSHEAD	-	-	-	-		
SEE FOOTNOTES AT END OF TABLE.	20	2	20	2		

(CONTINUED ON NEXT PAGE)

CATCH BY STATES, 1962 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	CALIFORNIA 1/		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE
FISH - CONTINUED				
SIERRA	(2) 182	(2) 2	(2) 739	(2) 11
SKATES	-	-	-	-
SMELT:				
EULACHON	-	-	1,486	141
SURF OR SILVER	340	23	693	52
SPLITTAIL	2	(2)	2	(2)
STEELHEAD TROUT	-	-	1,026	306
STRIPED BASS	-	-	53	6
STURGEON	-	-	485	80
SUCKERS	-	-	31	1
SWORDFISH	39	20	39	20
TOMCOO	-	-	71	2
TUNA:				
ALBACORE	36,623	6,040	45,938	7,602
BLUEFIN	31,200	4,368	31,200	4,368
SKIPJACK	92,721	11,922	92,721	11,922
YELLOWFIN	124,021	16,752	124,021	16,752
TOTAL TUNA	284,565	41,082	293,880	42,644
TURBOT:				
TURBOT	80	5	80	5
WAHOO	24	8	24	8
WHITETAIL	188	17	188	17
YELLOWTAIL	188	16	188	16
UNCLASSIFIED:				
FOR FOOD	22	1	22	1
BAIT AND ANIMAL FOOD	1,880	38	1,880	38
TOTAL FISH	490,993	51,753	994,120	123,452
SHELLFISH, ETC.				
CRABS:				
DUNGENESS	3,223	872	23,364	4,061
KING	-	-	52,762	5,278
ROCK	200	17	200	17
TANNER	-	-	11	1
TOTAL CRABS	3,423	889	76,357	9,357
CRAWFISH, FRESH-WATER				
LOBSTER, SPINY	517	354	517	354
SHRIMP	1,787	198	22,906	1,339
ABALONE	837	593	837	593
CLAMS:				
COCKLE	-	-	1	(2)
HARD	2	2	410	175
RAZOR	-	-	483	177
MIXED	-	-	27	13
TOTAL CLAMS	2	2	921	365
MUSSELS, SEA:				
OCTOPUS	4	(2)	4	(2)
OCTOPUS	13	(2)	134	15
OYSTERS, MARKET:				
EASTERN	14	5	14	5
PACIFIC	1,325	302	10,714	2,550
WESTERN	-	-	26	73
TOTAL OYSTERS	1,339	307	10,754	2,628
SQUID				
KELP (WITH HERRING EGGS)	9,368	169	9,361	169
KELP (WITH HERRING EGGS)	-	-	46	2
TOTAL SHELLFISH, ETC.	17,290	2,511	121,871	14,825
WHALE PRODUCTS:				
MEAL	2,872	161	2,876	161
MEAT	4,300	367	4,313	368
OIL:				
SPERM	532	57	532	57
WHALE	2,033	120	2,035	120
TOTAL WHALE PRODUCTS	9,737	705	9,756	706
GRAND TOTAL	518,020	54,969	1,125,747	138,983

1/ INCLUDES THE CATCH TAKEN OFF LATIN AMERICA AND LANDED AT CALIFORNIA PORTS. 2/ LESS THAN 500 POUNDS OR \$500.
 3/ SOME HALIBUT MAY BE INCLUDED WITH "CALIFORNIA HALIBUT" AND "UNCLASSIFIED FLOUNDERS".
 NOTE:—DATA ON THE VOLUME OF FISH LANDED IN CALIFORNIA ARE SHOWN IN WEIGHTS AS LANDED, WHILE THOSE FOR ALASKA, WASHINGTON, AND OREGON ARE IN ROUND WEIGHT. ALASKA DATA INCLUDE THE CATCH OF HALIBUT, SABLEFISH, LINGCOD, AND ROCKFISHES LANDED BY U.S. VESSELS AT BRITISH COLUMBIA PORTS. STATISTICS ON THE CATCH OF FISH, CRUSTACEANS, AND SUCH MOLLUSKS AS SQUID AND OCTOPUS ARE SHOWN IN ROUND (LIVE) WEIGHT. THOSE FOR UNIVALVE AND BIVALVE MOLLUSKS (ABALONE, CLAMS, MUSSELS, AND OYSTERS) REPRESENT THE WEIGHTS OF MEAT EXCLUDING THE SHELL.

PACIFIC COAST FISHERIES

MANUFACTURED FISHERY PRODUCTS, 1962

ITEM		ALASKA		WASHINGTON	
		QUANTITY	VALUE	QUANTITY	VALUE
COO:					
FILLETTS, FRESH AND FROZEN	POUNDS	-	-	2/1,084,052	2/\$265,893
SALTED	DO	-	-	18,500	5,400
FLOUNDER FILLETTS, FRESH AND FROZEN	DO	-	-	3,227,423	1,194,450
HALIBUT:					
FILLETTS AND STEAKS, FRESH AND FROZEN	DO	349,100	\$209,010	2/7,957,946	2/4,760,314
FROZEN, CHEEKS	DO	25,600	9,610	-	-
CANNED	STANDARD CASES	-	870	-	-
SMOKED	POUNDS	-	-	303,060	97,731
HERRING, SEA:					
SALTED EGGS	DO	46,200	22,500	-	-
MEAL AND SCRAP	TONS	2,295	344,300	(1)	(1)
OIL	GALLONS	576,167	203,600	(1)	(1)
LINGCOD:					
FILLETTS, FRESH AND FROZEN	POUNDS	-	-	2/1,493,998	2/366,193
SMOKED	DO	-	-	(1)	(1)
OCEAN PERCH, FILLETTS, FRESH AND FROZEN	DO	-	-	2/3,614,057	2/807,329
ROCKFISHES, FILLETTS, FRESH AND FROZEN	DO	-	-	2,761,174	580,330
SABLEFISH:					
STEAKS, FROZEN	DO	-	-	(1)	(1)
SALTED AND SMOKED	DO	200	100	229,393	82,584
SALMON:					
FILLETTS AND STEAKS, FROZEN	DO	-	-	2/1,077,980	2/818,371
CANNED:					
CHINOOK		STANDARD CASES			
CHUM OR KETA	DO	48,135	1,810,140	12,705	512,048
PINK	DO	661,671	15,617,660	54,573	1,233,963
RED OR SOCKEYE	DO	1,878,482	45,342,140	56,043	1,348,647
SILVER OR COHO	DO	750,297	26,364,960	85,555	4,371,233
	DO	106,232	3,256,020	37,783	1,293,749
TOTAL CANNED SALMON	DO	3,474,817	94,390,920	246,659	8,759,840
EGGS FOR BAIT		DO	-	15,065	616,862
SMOKED AND KIPPERED (INCLUDING STEELHEAD)	DO	-	-	398	33,261
SPECIALTIES	DO	379	31,220	(1)	(1)
CURED:					
SALTED:					
MILD-CURED AND PICKLED	POUNDS	2,021,200	1,917,970	1,517,300	1,394,813
EGGS FOR FOOD AND BAIT	DO	426,300	125,780	322,658	180,905
SMOKED AND KIPPERED (INCLUDING STEELHEAD)	DO	10,700	12,790	430,917	297,774
OIL	GALLONS	-	-	(1)	(1)
SHAO, CANNED:					
FISH		STANDARD CASES			
ROE	DO	-	-	(1)	(1)
STURGEON:					
CANNED, SMOKED	DO	-	-	373	30,055
SMOKED	POUNDS	-	-	(1)	(1)
SWORDFISH, STEAKS, FROZEN	DO	-	-	2/896,000	2/525,480
TUNA, CANNED:					
ALBACORE		STANDARD CASES			
LIGHT MEAT	DO	-	-	3/427,226	3/4,647,658
	DO	-	-	(3)	(3)
TOTAL CANNED TUNA	DO	-	-	427,226	4,647,658
SPECIALTIES		DO	-	(1)	(1)
CRABS:					
DUMGENESS:					
FRESH AND FROZEN:					
COOKED MEAT	POUNDS	879,000	1,162,990	740,442	1,034,656
SECTIONS	DO	1,116,200	463,250	-	-
CANNED:					
MEAT		STANDARD CASES			
SPECIALTIES	DO	16,445	577,120	13,540	387,826
MEAL AND SCRAP	TONS	-	-	(1)	(1)
	DO	-	-	(1)	(1)

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

PACIFIC COAST FISHERIES

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MANUFACTURED FISHERY PRODUCTS, 1962 - Continued

ITEM	ALASKA		WASHINGTON	
	QUANTITY	VALUE	QUANTITY	VALUE
CRABS - CONTINUED:				
KING:				
FRESH AND FROZEN:				
COOKED MEAT	POUNDS	5,077,700	-	-
SECTIONS AND LEGS	DO	1,819,300	-	-
CANNED	STANDARD CASES	-	-	-
TANNER, FRESH:				
COOKED MEAT	POUNDS	700	-	-
SECTIONS	DO	4,800	-	-
SHRIMP:				
MEAT, RAW AND COOKED, FRESH AND FROZEN	DO	1,903,000	-	-
CANNED, MEAT	STANDARD CASES	-	-	-
MEAL AND SCRAP	TONS	-	-	-
CLAMS:				
HARD (INCLUDING PISMO), CANNED: WHOLE AND MINCED	STANDARD CASES	-	-	-
CHOWDER AND JUICE	DO	-	-	-
SPECIALTIES	DO	-	-	-
RAZOR (INCLUDING COCKLES IN ALASKA):				
FRESH AND FROZEN, SHUCKED	GALLONS	-	-	-
CANNED, WHOLE AND MINCED	STANDARD CASES	-	-	-
OYSTERS:				
SHUCKED, FRESH AND FROZEN:				
PACIFIC	GALLONS	-	-	-
WESTERN	DO	-	-	-
BREADED, FROZEN	POUNDS	-	-	-
CANNED:				
MEATS	STANDARD CASES	-	-	-
SPECIALTIES	DO	-	-	-
SHELL PRODUCTS, POULTRY GRIT AND LIME	TONS	-	-	-
UNCLASSIFIED:				
FRESH AND FROZEN, PACKAGED: FISH STICKS, PORTIONS AND OTHER FISH AND SHELLFISH	POUNDS	-	-	-
CANNED	STANDARD CASES	-	-	-
CURED	POUNDS	-	-	-
INDUSTRIAL	-	-	-	-
MISCELLANEOUS	-	-	-	-
TOTAL	-	-	-	-

ITEM	OREGON		CALIFORNIA	
	QUANTITY	VALUE	QUANTITY	VALUE
ANCHOVIES:				
CANNED	STANDARD CASES	-	-	-
OIL	GALLONS	-	-	-
BARRACUDA, SMOKED	POUNDS	-	-	-
CHUBS, SMOKED	DO	-	-	-
COD:				
FILLETS, FRESH AND FROZEN	DO	-	-	-
SPECIALTIES, FROZEN	DO	-	-	-
SALTED	DO	-	-	-
FLOURIDER, FILLETS, FRESH AND FROZEN	DO	-	-	-
HALIBUT:				
FILLETS AND STEAKS, FRESH AND FROZEN	DO	-	-	-
FROZEN, SPECIALTIES	DO	-	-	-
SMOKED	DO	-	-	-
HERRING, SEA, CANNED	STANDARD CASES	-	-	-
LINGCOD, FILLETS, FRESH AND FROZEN	POUNDS	-	-	-
MACKEREL:				
CANNED:				
JACK	STANDARD CASES	-	-	-
PACIFIC	DO	-	-	-
SMOKED	POUNDS	-	-	-

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

PACIFIC COAST FISHERIES

MANUFACTURED FISHERY PRODUCTS, 1962 - Continued

ITEM		OREGON		CALIFORNIA	
		QUANTITY	VALUE	QUANTITY	VALUE
OCEAN PERCH, FILLETS, FRESH AND FROZEN.	POUNDS	1,585,040	\$395,034	(2)	(2)
ROCKFISHES, FILLETS, FRESH AND FROZEN.	DO	2,086,638	469,554	301,800	\$71,010
SABLEFISH, SALTED AND SMOKED	DO	(1)	(1)	243,696	182,073
SALMON: FILLETS AND STEAKS, FROZEN	DO	(2)	(2)	342,845	250,797
CANNED:					
CHINOOK OR KING.	STANDARD CASES	54,937	2,667,211	-	-
CHUM OR KETA	DO	4,333	83,028	-	-
RED OR SOCKEYE	DO	860	49,491	-	-
SILVER OR COHO	DO	13,345	527,157	-	-
STEELHEAD.	DO	5,785	234,211	-	-
TOTAL CANNED SALMON.	DO	79,260	3,561,096	-	-
SMOKED AND KIPPERED (INCLUDING STEELHEAD).	DO	176	13,487	(1)	(1)
SPECIALTIES.	DO	(1)	(1)	-	-
CURED:					
SALTED, MILD-CURED AND PICKLED . SMOKED AND KIPPERED (INCLUDES STEELHEAD).	POUNDS	-	-	855,200	861,440
OIL.	DO	(1)	(1)	1,176,565	908,960
SARDINES, PACIFIC: CANNED	GALLONS	(1)	(1)	-	-
SALTED	STANDARD CASES	-	-	137,064	1,299,979
MEAL AND SCRAP	POUNDS	-	-	(1)	(1)
OIL.	TONS	-	-	702	73,260
SEA BASS STEAKS, FROZEN.	GALLONS	-	-	21,519	10,442
SHAD: CANNED: FISH	POUNDS	-	-	(1)	(1)
ROE	STANDARD CASES	9,479	115,054	-	-
SMOKE	DO	2,132	202,789	(1)	(1)
SHARK: SMOKED	POUNDS	-	-	(1)	(1)
LIVER OIL.	DO	-	-	(1)	(1)
SHELT, KIPPERED.	GALLONS	-	-	(1)	(1)
STURGEON: CANNED: SMOKED	POUNDS	(1)	(1)	-	-
SPECIALTIES.	STANDARD CASES	143	12,060	-	-
SMOKED	DO	(1)	(1)	-	-
SMOKED	POUNDS	(1)	(1)	(1)	(1)
SWORDFISH: STEAKS, FROZEN	DO	-	-	(2)	(2)
SMOKED	DO	-	-	(1)	(1)
TUNA: CANNED: ALBACORE	STANDARD CASES	3/1,043,963	3/14,082,077	1,994,557	25,696,322
LIGHT MEAT	DO	(3)	(3)	8,353,957	99,601,288
TONNO.	DO	-	-	162,650	2,176,404
TOTAL CANNED TUNA.	DO	1,043,963	14,082,077	10,511,164	127,476,014
SPECIALTIES.	DO	(1)	(1)	58,326	670,214
SMOKED	POUNDS	-	-	19,103	17,273
TUNALIKE FISH (BONITO AND YELLOW-TAIL): CANNED	STANDARD CASES	-	-	31,935	212,550
SMOKED	POUNDS	-	-	5,316	4,867
WAHOO, SMOKED.	DO	-	-	(1)	(1)
WHITEFISH, SMOKED.	DO	-	-	(1)	(1)
CRABS, DUNGNESS: FRESH OR FROZEN, COOKED MEAT	DO	924,559	1,284,793	314,608	362,205
CANNED: MEAT					
SPECIALTIES.	STANDARD CASES	261	7,216	-	-
MEAL AND SCRAP	DO	70	5,640	-	-
	TONS	(1)	(1)	-	-

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

PACIFIC COAST FISHERIES

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MANUFACTURED FISHERY PRODUCTS, 1962 - Continued

ITEM	OREGON		CALIFORNIA	
	QUANTITY	VALUE	QUANTITY	VALUE
SHRIMP:				
RAW, HEADLESS, FRESH AND FROZEN	POUNDS	-	679,216	\$755,300
MEAT, RAW AND COOKED, FRESH AND FROZEN	DO	189,672	-	-
BREADED, RAW AND COOKED, FROZEN	DO	-	5,296,853	4,433,659
CANNED:				
MEAT	STANDARD CASES	(1)	-	-
SPECIALTIES	DO	(1)	-	-
SMOKED	POUNDS	-	(1)	(1)
MEAL AND SCRAP	TONS	(1)	-	-
ABALONE, FROZEN:				
STEAKS:				
NOT BREADED	POUNDS	-	394,588	569,724
BREADED	DO	-	(1)	(1)
SPECIALTIES	DO	-	(1)	(1)
CLAMS:				
HARD (INCLUDING PISMO):				
FROZEN, SHUCKED	GALLONS	-	(1)	(1)
CANNED, WHOLE AND MINCED	STANDARD CASES	-	(1)	(1)
RAZOR (INCLUDING COCKLES IN ALASKA):				
FRESH AND FROZEN, SHUCKED	GALLONS	2,750	21,160	-
CANNED:				
WHOLE AND MINCED	STANDARD CASES	1,102	19,371	-
SMOKED	DO	(1)	(1)	-
OYSTERS:				
SHUCKED, FRESH AND FROZEN:				
PACIFIC	GALLONS	182,772	746,399	141,426
WESTERN	DO	(1)	(1)	-
CANNED:				
MEAT	STANDARD CASES	(1)	-	-
SPECIALTIES	DO	(1)	-	-
SHELL PRODUCTS, POULTRY GRIT AND LIME	TONS	(1)	(1)	(1)
SCALLOPS, BREADED; COOKED AND RAW, FROZEN	POUNDS	-	322,836	206,991
SQUID, CANNED	STANDARD CASES	-	146,712	607,118
WHALE:				
MEAT, FROZEN (FOR ANIMAL FOOD)	POUNDS	13,000	910	4,300,200
MEAL	TONS	2	238	1,436
OIL:				
SPERM	GALLONS	-	-	70,891
OTHER	DO	300	240	271,110
UNCLASSIFIED:				
FRESH AND FROZEN, PACKAGED FISH STICKS, PORTIONS AND OTHER FISH AND SHELLFISH	POUNDS	-	(4)	9,280,822
CANNED	STANDARD CASES	205,152	1,498,235	1,964,968
CURED	POUNDS	22,320	29,140	918,399
INDUSTRIAL	-	-	(4)	-
MISCELLANEOUS	-	-	539,330	2,294,130
TOTAL	-	-	24,409,912	181,630,676

1/ INCLUDED WITH UNCLASSIFIED ITEMS.

2/ THE PRODUCTION OF CERTAIN ITEMS IN OREGON OR CALIFORNIA HAVE BEEN INCLUDED WITH THE WASHINGTON PRODUCTION.

3/ THE PACK OF LIGHTMEAT TUNA HAS BEEN INCLUDED WITH ALBACORE.

4/ INCLUDED WITH MISCELLANEOUS ITEMS.

NOTE:--THIS TABLE WILL NOT ADD. INDIVIDUAL STATE TOTALS ARE CORRECT BUT SMALL QUANTITIES PRODUCED IN OREGON AND CALIFORNIA ARE INCLUDED IN PRODUCTION FOR WASHINGTON. SOME OF THE ABOVE PRODUCTS MAY HAVE BEEN MANUFACTURED FROM RAW PRODUCTS IMPORTED FROM ANOTHER STATE OR A FOREIGN COUNTRY; THEREFORE, THEY CANNOT BE CORRELATED DIRECTLY WITH THE CATCH WITHIN THE STATE.

PACIFIC COAST FISHERIES

SUMMARY OF MANUFACTURED PRODUCTS, 1962

(VALUE IN THOUSANDS OF DOLLARS)

ITEM	QUANTITY	VALUE
PACKAGED, FRESH AND FROZEN:		
NOT BREADED:		
FISH	1,000 POUNDS	33,186
SHELLFISH	DO	24,555
BREADED:		
FISH	DO	8,862
SHELLFISH	DO	5,645
SPECIALTIES (FISH AND SHELLFISH)	DO	4,857
CANNED (FISH AND SHELLFISH)	1,000 STANDARD CASES	20,340
CURED (SALTED, SMOKED, AND KIPPERED)	1,000 POUNDS	8,603
INDUSTRIAL PRODUCTS	-	-
TOTAL	-	357,872

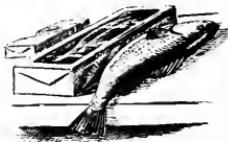
VALUE OF MANUFACTURED PRODUCTS, BY STATES, 1962

(THOUSANDS OF DOLLARS)

STATE	VALUE
ALASKA	114,947
WASHINGTON	36,478
OREGON	24,658
CALIFORNIA	181,789
TOTAL	357,872

WHOLESALE AND MANUFACTURING, 1962

ITEM	ALASKA	WASHINGTON	OREGON	CALIFORNIA	TOTAL
	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>
WHOLESALE AND MANUFACTURING:					
ESTABLISHMENTS	182	169	55	177	583
PERSONS ENGAGED:					
AVERAGE FOR SEASON	8,426	3,903	2,003	9,702	24,034
AVERAGE FOR YEAR	2,609	1,904	1,208	7,581	13,502



PACIFIC COAST FISHERIES

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ALASKA

CATCH BY REGIONS, 1962

SPECIES	SOUTHEASTERN ALASKA		CENTRAL ALASKA	
	POUNDS	VALUE	POUNDS	VALUE
FISH				
HALIBUT 1/	29,769,400	\$6,135,300	7,022,400	\$1,331,220
HERRING.	33,874,800	379,300	1,600	20
ROCKFISHES 2/	161,000	8,190	5,200	180
SABLEFISH.	1,506,400	171,670	2,200	250
SALMON: 3/				
CHINOOK OR KING.	3,765,100	1,753,810	864,500	216,220
CHUM OR KETA.	19,470,200	1,841,190	30,538,900	2,473,820
PINK.	45,746,800	5,590,690	88,428,100	13,719,510
RED OR SOCKEYE.	4,858,200	1,319,800	20,143,900	4,645,220
SILVER OR COHO.	9,585,600	2,257,150	4,866,300	793,790
TOTAL SALMON.	83,425,900	12,762,640	144,841,700	21,850,560
TROUT:				
DOLLY VARDEN.	4,500	780	-	-
STEELHEAD.	10,000	1,890	-	-
TOTAL FISH.	148,752,000	19,459,770	151,873,100	23,182,230
SHELLFISH, ETC.				
CLAM MEATS:				
COCKLE.	-	-	500	260
RAZOR.	-	-	239,900	76,670
CRABS:				
DUNGNESS.	3,923,000	470,760	5,066,500	530,690
KING.	1,289,600	128,950	44,653,000	4,465,300
TANNER.	7,800	780	3,400	340
SHRIMP.	3,884,000	143,710	13,059,100	587,660
KELP (WITH HERRING EGGS).	46,200	2,310	-	-
TOTAL SHELLFISH, ETC.	9,150,600	746,510	63,022,400	5,652,920
GRAND TOTAL.	157,902,600	20,206,280	214,895,500	28,845,150

SPECIES	WESTERN ALASKA		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE
FISH				
HALIBUT 1/	-	-	36,791,800	\$7,466,520
HERRING.	-	-	33,876,400	379,320
ROCKFISHES 2/	-	-	166,200	6,370
SABLEFISH.	-	-	1,508,600	171,920
SALMON: 3/				
CHINOOK OR KING.	4,109,000	\$726,830	8,738,600	2,696,860
CHUM OR KETA.	7,643,400	517,160	57,652,500	4,832,170
PINK.	9,103,800	966,100	143,278,700	20,296,300
RED OR SOCKEYE.	27,944,300	5,165,150	52,946,400	11,130,170
SILVER OR COHO.	779,600	111,020	15,231,500	3,161,960
TOTAL SALMON.	49,580,100	7,506,260	277,847,700	42,119,460
TROUT:				
DOLLY VARDEN.	-	-	4,500	780
STEELHEAD.	-	-	10,000	1,890
TOTAL FISH.	49,580,100	7,506,260	350,205,200	50,148,260
SHELLFISH, ETC.				
CLAM MEATS:				
COCKLE.	-	-	500	260
RAZOR.	-	-	239,900	76,670
CRABS:				
DUNGNESS.	-	-	8,989,500	1,001,450
KING.	6,839,600	683,960	52,782,200	5,276,210
TANNER.	-	-	11,200	1,120
SHRIMP.	-	-	16,943,100	731,370
KELP (WITH HERRING EGGS).	-	-	46,200	2,310
TOTAL SHELLFISH, ETC.	6,839,600	683,960	79,012,600	7,093,390
GRAND TOTAL.	56,419,700	8,190,220	429,217,800	57,241,650

1/ INCLUDES THE VALUE OF HALIBUT LIVERS AND VISCERA AMOUNTING TO \$2,940.

2/ INCLUDES LINGCOD.

3/ THE ROUND WEIGHTS USED IN CATCH TABLES WERE OBTAINED BY MULTIPLYING NUMBER OF FISH BY THEIR AVERAGE WEIGHT. NOTE—THE ABOVE DATA INCLUDE CATCHES OF HALIBUT, SABLEFISH, LINGCOD, AND ROCKFISHES LANDED BY VESSELS OF U. S. REGISTRY IN BRITISH COLUMBIA PORTS. ROUND WEIGHTS OF FISH TAKEN BY HALIBUT VESSELS WERE OBTAINED BY MULTIPLYING REPORTED WEIGHTS, REPRESENTING POUNDAGE OF FISH Eviscerated AND WITH HEADS-OFF, BY THE FOLLOWING FACTORS: HALIBUT 1.33, SABLEFISH AND ROCKFISHES 1.43.

PACIFIC COAST FISHERIES

ALASKA

SUMMARY OF PRODUCTS AS PREPARED FOR MARKET, 1962

ITEM	SOUTHEASTERN ALASKA		CENTRAL ALASKA		WESTERN ALASKA		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
HALIBUT	22,262,300	\$7,661,540	8,652,500	\$2,626,190	-	-	30,934,800	\$10,287,730
HERRING	15,270,700	775,350	1,600	20	-	-	15,272,300	775,370
ROCKFISHES	126,900	22,370	3,600	530	-	-	132,500	22,900
SABLEFISH	1,031,900	269,940	-	-	-	-	1,031,900	269,940
SALMON	57,848,500	30,191,670	99,127,100	54,126,850	26,944,900	\$16,096,190	183,920,500	102,416,910
TROUT:								
DOLLY VARDEN.	3,100	920	-	-	-	-	3,100	920
STEELHEAD . . .	6,700	2,060	-	-	-	-	6,700	2,060
CLAMS, COCKLE AND RAZOR	-	-	153,800	245,530	-	-	153,800	245,530
CRABS:								
DUNGENESS . . .	1,223,400	1,307,690	2,111,300	1,333,900	-	-	3,334,700	2,641,590
KING	314,800	399,690	10,262,500	11,462,110	-	-	10,577,300	11,861,800
TANNER	4,800	2,360	700	850	-	-	5,500	3,230
SHRIMP	646,900	769,320	2,500,900	2,616,050	-	-	3,147,800	3,385,370
KELP (WITH HERRING EGGS).	46,200	22,500	-	-	-	-	46,200	22,500
TOTAL	96,608,200	41,425,630	122,814,000	72,414,030	26,944,900	16,096,190	248,567,100	131,937,650

NOTE:--DATA ON PRODUCTS AS PREPARED FOR MARKET INCLUDE THE PRODUCTION OF CANADIAN-CAUGHT HALIBUT LANDED IN ALASKA. THE QUANTITY OF FISH LANDED BY HALIBUT CRAFT OF U. S. REGISTRY AT BRITISH COLUMBIA PORTS IS INCLUDED IN THE CATCH CREDITED TO SOUTHEASTERN ALASKA, BUT IS NOT INCLUDED IN DATA ON PRODUCTS AS PREPARED FOR MARKET.

PRODUCTS AS PREPARED FOR MARKET, 1962

ITEM	SOUTHEASTERN ALASKA		CENTRAL ALASKA		WESTERN ALASKA		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FRESH								
HALIBUT, DRESSED	7,600	\$1,940	-	-	-	-	7,600	\$1,940
HERRING, FOR BAIT	275,000	3,300	1,600	\$20	-	-	276,600	3,320
ROCKFISHES, DRESSED	81,900	12,280	3,600	530	-	-	85,500	12,810
SALMON:								
DRESSED	331,000	82,340	213,100	76,740	153,300	\$91,750	697,400	250,830
VISCERA	14,300	210	-	-	-	-	14,300	210
CRABS:								
DUNGENESS:								
WHOLE	6,600	3,120	500	240	-	-	7,100	3,360
SECTIONS . .	400	220	118,800	58,220	-	-	119,200	58,440
KING:								
WHOLE	600	380	21,700	9,570	-	-	22,300	9,950
SECTIONS . .	13,300	7,780	21,100	8,220	-	-	34,400	16,000
MEAT	5,500	7,590	45,100	84,600	-	-	50,600	92,190
TANNER:								
SECTIONS . .	4,800	2,360	-	-	-	-	4,800	2,360
MEAT	-	-	700	850	-	-	700	850
SHRIMP, MEAT .	900	910	300	400	-	-	1,200	1,310
TOTAL FRESH . .	741,900	122,450	426,500	239,900	153,300	91,750	1,321,700	453,590
FROZEN								
HALIBUT:								
DRESSED	21,876,500	7,436,560	8,649,900	2,624,660	-	-	30,526,400	10,063,420
FLETCHES . . .	347,500	208,490	1,600	520	-	-	349,100	209,010
CHECKS	25,800	9,610	-	-	-	-	25,800	9,610
LIVERS AND VISCERA	24,900	2,940	-	-	-	-	24,900	2,940
HERRING, FOR BAIT	6,069,300	224,150	-	-	-	-	6,069,300	224,150
ROCKFISHES, DRESSED	47,000	10,090	-	-	-	-	47,000	10,090
SABLEFISH, DRESSED	1,031,700	269,840	-	-	-	-	1,031,700	269,840
SALMON:								
DRESSED	10,644,100	4,754,510	2,170,200	662,640	723,000	261,760	13,537,300	5,676,910
EGGS	-	-	200	50	-	-	200	50
VISCERA	401,800	10,300	-	-	-	-	401,800	10,300
TROUT:								
DOLLY VARDEN, DRESSED	3,100	920	-	-	-	-	3,100	920
STEELHEAD, DRESSED	6,600	1,990	-	-	-	-	6,600	1,990

(CONTINUED ON NEXT PAGE)

PACIFIC COAST FISHERIES

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PRODUCTS AS PREPARED FOR MARKET, 1962 - Continued

ITEM	SOUTHEASTERN ALASKA		CENTRAL ALASKA		WESTERN ALASKA		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FROZEN-CONTINUED								
CRABS:								
DUNGENESS:								
WHOLE	125,900	\$54,740	665,800	\$380,130	-	-	1,011,700	\$434,870
SECTIONS . .	218,000	77,550	779,000	327,260	-	-	997,000	404,810
MEAT	759,100	995,100	119,900	167,690	-	-	879,000	1,162,990
KING:								
WHOLE	7,600	3,820	1,700	1,030	-	-	9,300	4,850
SECTIONS . .	18,100	8,030	1,766,800	946,320	-	-	1,784,900	954,350
MEAT	256,000	342,300	4,771,100	5,235,210	-	-	5,027,100	5,577,510
SHRIMP:								
WHOLE	15,000	5,850	-	-	-	-	15,000	5,850
MEAT	370,600	385,200	1,531,200	1,531,170	-	-	1,901,800	1,916,370
TOTAL FROZEN	42,248,600	14,803,990	20,677,400	11,877,080	723,000	\$261,760	63,649,000	26,942,830
CURED								
KELP (WITH HERRING EGGS), SALTED	46,200	22,500	-	-	-	-	46,200	22,500
SABLEFISH, SMOKED	200	100	-	-	-	-	200	100
SALMON:								
MILD CURED . .	1,210,300	1,254,130	46,200	40,350	574,400	487,110	1,830,900	1,781,590
PICKLED	-	-	26,300	12,990	164,000	123,390	190,300	136,380
SMOKED OR KIPPERED . .	5,800	5,130	4,800	7,590	-	-	10,600	12,720
EGGS, SALTED .	365,800	95,110	62,500	30,670	-	-	428,300	125,780
TROUT, STEEL-HEAD, SMOKED . .	100	70	-	-	-	-	100	70
TOTAL CURED	1,628,400	1,377,040	139,800	91,600	738,400	610,500	2,506,600	2,079,140
CANNED								
HALIBUT	-	-	1,000	810	-	-	1,000	810
SALMON:								
CHINOOK OR KING	48,400	30,550	678,300	545,200	1,583,800	1,234,390	2,310,500	1,810,140
CHUM OR KETA .	10,603,200	5,039,940	18,340,000	8,545,070	4,257,000	2,032,650	35,200,200	15,617,660
PINK	28,827,300	14,879,680	59,441,300	29,474,830	1,896,500	987,630	90,167,100	45,342,140
RED OR SOCKEYE . .	3,003,600	2,449,150	15,671,900	13,200,480	17,338,800	12,715,330	36,014,300	28,364,960
SILVER OR COHO	2,383,700	1,573,800	2,463,300	1,518,040	252,100	164,180	5,099,100	3,256,020
TOTAL	44,866,200	23,973,120	96,594,800	53,283,620	25,330,200	17,134,180	166,791,200	94,990,920
SALMON, SMOKED:								
CHINOOK OR KING	6,400	12,810	1,100	1,890	-	-	7,500	14,700
CHUM OR KETA .	300	560	2,100	3,010	-	-	2,400	3,570
PINK	300	440	-	-	-	-	300	440
RED OR SOCKEYE . .	600	900	3,200	5,270	-	-	3,800	6,170
SILVER OR COHO	1,600	2,310	2,600	4,030	-	-	4,200	6,340
TOTAL	9,200	17,020	9,000	14,200	-	-	18,200	31,220
CLAMS, COCKLE AND RAZOR	-	-	153,800	245,530	-	-	153,800	245,530
CRABS:								
DUNGENESS . .	113,400	176,960	207,300	400,160	-	-	320,700	577,120
KING	13,700	29,790	3,635,000	5,177,160	-	-	3,648,700	5,206,950
SHRIMP	260,400	377,360	969,400	1,084,480	-	-	1,229,800	1,461,840
TOTAL CANNED	45,262,900	24,574,250	101,570,300	60,205,960	25,330,200	17,134,180	172,163,400	101,914,390
INDUSTRIAL PRODUCTS								
HERRING:								
MEAL	4,590,000	344,300	-	-	-	-	4,590,000	344,300
OIL	4,336,400	203,600	-	-	-	-	4,336,400	203,600
TOTAL INDUSTRIAL PRODUCTS . .	8,926,400	547,900	-	-	-	-	8,926,400	547,900
GRAND TOTAL.	98,808,200	41,425,630	122,814,000	72,414,030	26,944,900	18,098,190	248,567,100	131,937,850

PACIFIC COAST FISHERIES

SOUTHEASTERN REGION OF ALASKA

OPERATING UNITS BY GEAR, 1962

ITEM	PURSE SEINES 1/		BEAM TRAWLS, SHRIMP	OTTER TRAWLS, FISH	FLOATING TRAPS	POTS, CRAB	
	HERRING	SALMON				DUNGENESS	KING
FISHERMEN:	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>
ON VESSELS	69	2,407	45	9	-	91	77
ON BOATS AND SHORE, REGULAR	-	50	-	-	22	32	10
TOTAL	69	2,457	45	9	22	123	87
VESSELS, MOTOR	10	474	17	2	-	36	27
GROSS TONNAGE	630	13,957	412	73	-	928	922
BOATS, MOTOR	10	496	-	-	-	16	5
GEAR:							
NUMBER	10	466	17	2	11	3,200	1,500
LENGTH, YARDS	5,000	232,000	-	30	-	-	-
YARDS AT MOUTH	-	-	207	-	-	-	-

ITEM	GILL NETS, SALMON		LINES		BY HAND	TOTAL, EXCLUSIVE OF DUPLICATION
	ANCHOR, SET OR STAKE	DRIFT	TROLL, SALMON	LONG OR SET AND HAND		
FISHERMEN:	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>
ON VESSELS	14	206	707	1,239	-	4,136
ON BOATS AND SHORE, REGULAR	250	260	650	21	50	1,200
TOTAL	264	466	1,357	1,260	50	5,336
VESSELS, MOTOR	7	127	546	278	-	1,276
GROSS TONNAGE	166	1,321	7,661	8,718	-	28,926
BOATS, MOTOR	250	250	550	11	15	1,540
GEAR:						
NUMBER	257	367	4,364	8,916	100	-
LENGTH, YARDS	33,000	165,000	-	-	-	-
SQUARE YARDS	134,000	1,005,000	-	-	-	-
HOOKS	-	-	23,904	690,239	-	-

1/ INCLUDES HAUL SEINES.

SOUTHEASTERN REGION OF ALASKA - CATCH BY GEAR, 1962

SPECIES	PURSE SEINES 1/		BEAM TRAWLS		OTTER TRAWLS		FLOATING TRAPS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
HERRING	33,874,800	\$379,300	-	-	-	-	-	-
ROCKFISHES 2/	-	-	-	-	135,300	\$6,770	-	-
SALMON:								
CHINOOK OR KING	162,600	26,290	-	-	-	-	100	\$10
CHUM OR KETA	16,075,300	1,475,370	-	-	-	-	166,000	14,340
PINK	40,643,200	4,950,730	-	-	-	-	2,476,400	296,850
RED OR SOCKEYE	2,657,100	638,670	-	-	-	-	63,700	16,210
SILVER OR COHO	1,853,600	247,010	-	-	-	-	41,800	5,300
TOTAL SALMON	61,392,200	7,340,070	-	-	-	-	2,748,000	332,710
TROUT:								
DOLLY VARDEN	4,500	780	-	-	-	-	-	-
STEELHEAD	500	100	-	-	-	-	-	-
SHRIMP	-	-	3,684,000	\$143,710	-	-	-	-
TOTAL	95,272,000	7,720,250	3,684,000	143,710	135,300	6,770	2,748,000	332,710

SPECIES	POTS		GILL NETS			
	POUNDS	VALUE	ANCHOR, SET OR STAKE		DRIFT	
			POUNDS	VALUE	POUNDS	VALUE
SALMON:						
CHINOOK OR KING	-	-	51,000	\$14,490	277,000	\$70,120
CHUM OR KETA	-	-	237,700	19,760	2,962,000	328,810
PINK	-	-	113,300	13,990	2,146,800	279,260
RED OR SOCKEYE	-	-	507,600	151,710	1,620,900	510,620
SILVER OR COHO	-	-	1,394,100	234,370	1,229,700	254,990
TOTAL SALMON	-	-	2,303,700	434,340	8,236,400	1,443,600

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

PACIFIC COAST FISHERIES
SOUTHEASTERN REGION OF ALASKA
CATCH BY GEAR, 1962 - Continued

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SPECIES	POTS		GILL NETS			
			ANCHOR, SET OR STAKE		DRIFT	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
TROUT, STEELHEAD.	-	-	-	-	9,400	\$1,760
CRAB:						
DUNGENESS	3,923,000	\$470,760	-	-	-	-
KING	1,269,600	126,960	-	-	-	-
TANNER	7,800	780	-	-	-	-
TOTAL	5,220,400	600,490	2,303,700	\$434,340	8,245,800	1,445,580

SPECIES	LINES					
	TROLL		LONG OR SET AND HAND		BY HAND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
HALIBUT	-	-	29,769,400	\$6,135,300	-	-
ROCKFISHES ^{2/}	4,900	\$250	20,800	1,170	-	-
SABLEFISH	-	-	1,506,400	171,670	-	-
SALMON:						
CHINOOK OR KING	3,274,200	1,640,900	-	-	-	-
CHUM OR KETA	29,000	2,890	-	-	-	-
PINK	367,100	49,860	-	-	-	-
RED OR SOCKEYE	8,900	2,590	-	-	-	-
SILVER OR COHO	5,066,400	1,515,480	-	-	-	-
TOTAL SALMON	8,745,600	3,211,720	-	-	-	-
TROUT, STEELHEAD	100	10	-	-	-	-
KELP (WITH HERRING EGGS)	-	-	-	-	46,200	\$2,310
TOTAL	8,750,600	3,211,980	31,296,600	6,308,140	46,200	2,310

1/ INCLUDES HAUL SEINES.
2/ INCLUDES LINGCOD.

CENTRAL REGION OF ALASKA - OPERATING UNITS BY GEAR, 1962

ITEM	PURSE SEINES, SALMON 1/	OTTER TRAWLS, SHRIMP	POTS			GILL NETS, SALMON ANCHOR, SET OR STAKE
			CRAB		SHRIMP	
			DUNGENESS	KING		
FISHERMEN:						
ON VESSELS	1,655	45	128	824	15	2
ON BOATS AND SHORE, REGULAR	1,480	10	60	180	-	750
TOTAL	3,135	55	188	1,004	15	752
VESSELS, MOTOR	479	11	47	256	4	2
GROSS TONNAGE	7,647	825	921	10,274	240	33
BOATS, MOTOR	1,221	3	30	90	-	750
GEAR:						
NUMBER	850	14	4,600	10,400	250	752
LENGTH, YARDS	313,000	-	-	-	-	175,000
SQUARE YARDS	-	-	-	-	-	625,000
YARDS AT MOUTH	-	200	-	-	-	-

ITEM	GILL NETS, SALMON-CONTINUED	LINES			DIP NETS	SHOVELS, CLAM	TOTAL, EXCLUSIVE OF DUPLICATION
		DRIFT	TROLL, SALMON	LONG OR SET AND HAND			
FISHERMEN:							
ON VESSELS	341	20	433	-	-	2,825	
ON BOATS AND SHORE, REGULAR	830	-	10	2	300	3,360	
TOTAL	1,171	20	443	2	300	6,185	
VESSELS, MOTOR	167	10	80	-	-	829	
GROSS TONNAGE	2,369	225	3,522	-	-	21,088	
BOATS, MOTOR	829	-	4	-	-	2,850	
GEAR:							
NUMBER	1,017	40	3,385	2	300	-	
LENGTH, YARDS	304,700	-	-	-	-	-	
SQUARE YARDS	1,323,500	-	-	-	-	-	
HOOKS	-	240	262,715	-	-	-	

1/ INCLUDES HAUL SEINES.

PACIFIC COAST FISHERIES

CENTRAL REGION OF ALASKA - CATCH BY GEAR, 1962

SPECIES	PURSE SEINES 1/		OTTER TRAWLS		POTS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
SALMON:						
CHINOOK OR KING	68,400	\$11,400	-	-	-	-
CHUM OR KETA	21,375,900	1,671,080	-	-	-	-
PINK	77,211,900	11,946,060	-	-	-	-
RED OR SOCKEYE	6,895,900	1,340,380	-	-	-	-
SILVER OR COHO	629,400	74,840	-	-	-	-
TOTAL SALMON	106,181,500	15,045,760	-	-	-	-
CRABS:						
DUNGENESS	-	-	-	-	5,065,500	\$530,690
KING	-	-	-	-	44,653,000	4,465,300
TANNER	-	-	-	-	3,400	340
SHRIMP	-	-	12,465,000	\$560,920	594,100	26,740
TOTAL	106,181,500	15,045,760	12,465,000	560,920	50,317,000	5,023,070

SPECIES	GILL NETS				LINES	
	ANCHOR, SET OR STAKE		DRIFT		TROLL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
SALMON:						
CHINOOK OR KING	444,900	\$110,670	309,500	\$75,250	41,700	\$20,900
CHUM OR KETA	2,549,600	180,890	6,613,400	621,850	-	-
PINK	9,671,300	1,516,370	1,544,300	255,000	600	80
RED OR SOCKEYE	5,188,100	1,254,090	8,059,900	2,050,750	-	-
SILVER OR COHO	2,168,800	325,310	1,961,600	361,780	108,500	31,860
TOTAL SALMON	20,022,700	3,387,330	18,488,700	3,364,630	148,800	52,840

SPECIES	LINES - CONTINUED		OIP NETS		SHOVELS	
	LONG OR SET AND HAND					
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
HALIBUT	7,022,400	\$1,331,220	-	-	-	-
HERRING, SEA	-	-	1,600	\$20	-	-
ROCKFISHES 2/	5,200	180	-	-	-	-
SABLEFISH	2,200	250	-	-	-	-
CLAMS:						
COCKLE 3/	-	-	-	-	500	\$250
RAZOR 4/	-	-	-	-	239,900	76,670
TOTAL	7,029,800	1,331,650	1,600	20	240,400	76,930

1/ INCLUDES HAUL SEINES.

2/ INCLUDES LINGCOD.

3/ BASED ON A YIELD OF 25.5 PERCENT MEATS.

4/ BASED ON A YIELD OF 35 PERCENT MEATS.



DUNGENESS CRAB TRAP

PACIFIC COAST FISHERIES

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WESTERN REGION OF ALASKA - OPERATING UNITS BY GEAR, 1962

ITEM	PURSE SEINES, SALMON ^{1/}	POTS, CRAB, KING -	GILL NETS, SALMON		FISH WHEELS	TOTAL, EXCLUSIVE OF DUPLICATION
			ANCHOR, SET OR STAKE	DRIFT		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS	94	122	-	278	-	484
ON BOATS AND SHORE, REGULAR	84	-	1,390	3,200	5	4,550
TOTAL	178	122	1,390	3,478	5	5,034
VESSELS, MOTOR	25	32	-	135	-	188
GROSS TONNAGE	633	2,281	-	1,356	-	4,127
BOATS, MOTOR	67	-	1,390	1,700	-	2,860
GEAR:						
NUMBER	46	1,800	1,390	1,835	5	-
LENGTH, YARDS	18,000	-	207,000	493,000	-	-
SQUARE YARDS	-	-	987,000	1,735,000	-	-

1/ INCLUDES HAUL SEINES.

WESTERN REGION OF ALASKA - CATCH BY GEAR, 1962

SPECIES	PURSE SEINES ^{1/}		POTS	
	POUNDS	VALUE	POUNDS	VALUE
SALMON:				
CHINOOK OR KING	2,100	\$260	-	-
CHUM OR KETA	106,200	6,670	-	-
PINK	6,100,600	647,540	-	-
RED OR SOCKEYE	71,000	10,130	-	-
SILVER OR COHO	15,000	1,520	-	-
TOTAL SALMON	6,294,900	666,120	-	-
CRABS, KING	-	-	6,839,600	\$683,960
TOTAL	6,294,900	666,120	6,839,600	683,960

SPECIES	GILL NETS				FISH WHEELS	
	ANCHOR, SET OR STAKE		DRIFT		POUNDS	VALUE
	POUNDS	VALUE	POUNDS	VALUE		
SALMON:						
CHINOOK OR KING	2,160,600	\$385,570	1,930,300	\$338,100	16,000	\$2,900
CHUM OR KETA	3,037,800	173,160	4,495,300	337,140	4,100	190
PINK	544,400	58,810	2,458,800	279,750	-	-
RED OR SOCKEYE	4,603,300	816,620	23,270,000	4,338,400	-	-
SILVER OR COHO	399,000	51,560	363,200	57,670	2,400	270
TOTAL SALMON	10,745,100	1,485,720	32,517,600	5,351,060	22,500	3,360

1/ INCLUDES HAUL SEINES.



PACIFIC COAST FISHERIES

ALASKA

NUMBER OF SALMON CAUGHT, BY REGIONS, 1962

SPECIES	SOUTHEASTERN ALASKA		CENTRAL ALASKA	
	NUMBER	VALUE	NUMBER	VALUE
CHINOOK OR KING.	205,561	\$1,753,810	41,882	\$218,220
CHUM OR KETA	1,996,383	1,841,190	4,024,493	2,473,820
PINK	11,585,176	5,590,690	29,297,461	13,719,510
RED OR SOCKEYE	772,236	1,319,800	3,534,386	4,645,220
SILVER OR COHO	1,222,549	2,257,150	692,292	793,790
TOTAL	15,781,905	12,762,640	37,590,514	21,850,560

SPECIES	WESTERN ALASKA		TOTAL	
	NUMBER	VALUE	NUMBER	VALUE
CHINOOK OR KING.	213,060	\$726,830	460,503	\$2,698,860
CHUM OR KETA	1,128,402	517,160	7,149,278	4,832,170
PINK	2,981,197	966,160	43,863,834	20,296,300
RED OR SOCKEYE	4,990,057	5,165,150	9,296,679	11,130,170
SILVER OR COHO	124,244	111,020	2,039,085	3,161,960
TOTAL	9,436,960	7,506,260	62,809,379	42,119,460

NOTE:--THE SALMON CATCH IS REPORTED IN NUMBERS OF FISH. THE ROUND WEIGHTS USED IN CATCH TABLES WERE OBTAINED BY MULTIPLYING NUMBER OF FISH BY THEIR AVERAGE WEIGHT.

AVERAGE WEIGHTS OF SALMON, BY REGIONS, 1962, 1961, AND 1960

SPECIES	1962			ALL REGIONS		
	SOUTHEASTERN	CENTRAL	WESTERN	1962	1961	1960
	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
CHINOOK OR KING.	18,316	20,641	19,286	18,976	16,959	16,537
CHUM OR KETA	9,753	7,568	6,774	8,064	8,190	7,199
PINK	3,949	3,018	3,054	3,266	4,814	3,270
RED OR SOCKEYE	6,291	5,699	5,600	5,695	5,921	4,944
SILVER OR COHO	7,841	7,029	6,275	7,470	8,666	6,802

WHOLESALE AND MANUFACTURING, 1962

ITEM	SOUTHEASTERN ALASKA	CENTRAL ALASKA	WESTERN ALASKA	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER
WHOLESALE AND MANUFACTURING, PERSONS ENGAGED	2,321	4,072	2,071	8,426
ESTABLISHMENTS:				
HANDLING FRESH AND FROZEN FISH AND SHELLFISH.	25	35	9	67
CURING FISH.	22	17	16	55
CANNING FISH AND SHELLFISH	29	52	19	98
MANUFACTURING INDUSTRIAL PRODUCTS	1	-	-	1
TOTAL ESTABLISHMENTS, (EXCLUSIVE OF DUPLICATION)	55	87	43	182

PACIFIC COAST FISHERIES

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ALASKA

PRODUCTION OF CANNED PRODUCTS, 1962

(IN STANDARD CASES)

ITEM	SOUTHEASTERN ALASKA		CENTRAL ALASKA		WESTERN ALASKA		TOTAL	
	CASES	VALUE	CASES	VALUE	CASES	VALUE	CASES	VALUE
HALIBUT	-	-	21	\$870	-	-	21	\$870
SALMON:								
CHINOOK OR KING	1,008	\$30,550	14,131	545,200	32,996	\$1,234,390	48,135	1,810,140
CHUM OR KETA	220,901	5,039,940	362,063	8,545,070	88,687	2,032,650	691,671	15,617,660
PINK	600,569	14,879,680	1,236,360	29,474,830	39,553	987,630	1,878,462	45,342,140
RED OR SOCKEYE	62,574	2,449,150	326,497	13,200,480	361,226	12,715,330	750,297	26,364,960
SILVER OR COHO	49,661	1,573,800	51,319	1,518,040	5,252	164,180	106,232	3,256,020
TOTAL	934,713	23,973,120	2,012,390	53,283,620	527,714	17,134,180	3,474,617	94,390,920
SALMON, SMOKED:								
CHINOOK OR KING	134	12,810	23	1,890	-	-	157	14,700
CHUM OR KETA	6	560	43	3,010	-	-	49	3,570
PINK	7	440	-	-	-	-	7	440
RED OR SOCKEYE	12	900	66	5,270	-	-	78	6,170
SILVER OR COHO	33	2,310	55	4,030	-	-	88	6,340
TOTAL	192	17,020	187	14,200	-	-	379	31,220
SHELLFISH								
CLAMS, COCKLE AND RAZOR	-	-	10,256	245,530	-	-	10,256	245,530
CRAB MEAT:								
DUNGENESS	5,817	176,960	10,628	400,160	-	-	16,445	577,120
KING	703	29,790	186,409	5,177,160	-	-	187,112	5,206,950
SHRIMP	17,357	377,360	64,627	1,084,480	-	-	81,984	1,461,840
GRAND TOTAL	958,782	24,574,250	2,284,518	60,206,020	527,714	17,134,180	3,771,014	101,914,450

NOTE:--STANDARD CASES REPRESENT THE VARIOUS SIZE PACKS CONVERTED AS FOLLOWS: SALMON, 48 CANS, EACH CONTAINING 16 OUNCES; CLAMS, 48 CANS, EACH CONTAINING 5 OUNCES OF MEATS (DRAINED WEIGHT); CRAB MEAT, 48 CANS, EACH CONTAINING 6-1/2 OUNCES; AND SHRIMP, 48 CANS, EACH CONTAINING 5 OUNCES OF MEAT (DRAINED WEIGHT).

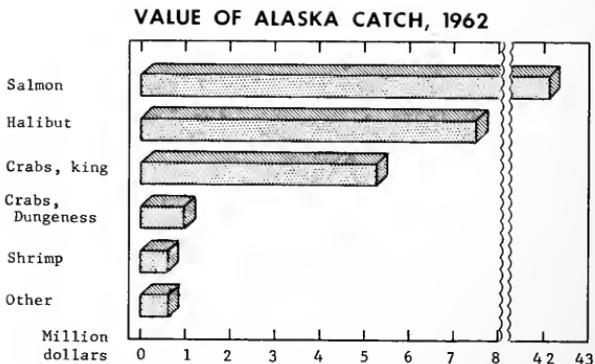
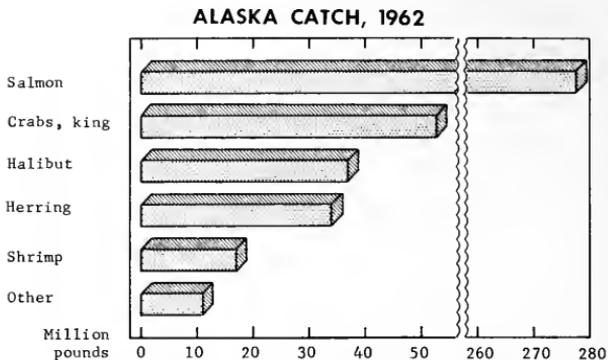
PRODUCTION OF INDUSTRIAL PRODUCTS, 1962

ITEM	SOUTHEASTERN ALASKA	
	QUANTITY	VALUE
HERRING:		
MEAL TONS	2,295	\$344,300
OIL GALLONS	578,180	203,600
TOTAL	-	547,900

NOTE:--PRODUCTION OF INDUSTRIAL PRODUCTS WAS CONFINED TO SOUTHEASTERN ALASKA.



PACIFIC COAST FISHERIES



PACIFIC COAST FISHERIES WASHINGTON

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CATCH BY DISTRICTS, 1962

SPECIES FISH	PUGET SOUND		COASTAL		COLUMBIA RIVER	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CARP	-	-	-	-	1,186,800	\$13,055
COD	3,164,500	\$158,225	1,600	\$82	-	-
FLOUNDERS: "SOLE"	12,893,200	868,558	207,000	16,417	-	-
OTHER	969,000	46,449	14,600	729	21,100	466
HAKE	331,600	3,576	-	-	-	-
HALIBUT	16,443,000	4,004,403	36,100	5,965	900	125
HERRING, SEA	6,372,000	255,873	-	-	-	-
LINGCOD	4,078,500	220,110	241,000	10,708	3,400	135
OCEAN PERCH	11,517,300	575,865	4,700	221	-	-
PERCH	172,900	18,323	3,100	242	-	-
RATFISH	1,596,100	13,826	-	-	-	-
ROCKFISHES	9,310,400	463,965	612,800	27,576	48,500	1,213
SABLEFISH	4,922,800	521,613	25,000	1,659	-	-
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SALMON:						
CHINOOK OR KING	1,965,800	920,583	1,749,500	909,131	1,847,900	752,709
CHUM OR KETA	1,923,400	363,863	722,500	105,601	18,500	2,922
PINK	25,700	5,572	4,300	786	-	-
RED OR SOCKEYE	4,968,300	1,629,412	81,100	45,429	19,100	8,560
SILVER OR COHO	5,524,400	1,690,919	3,056,800	930,321	945,100	275,895
TOTAL SALMON	14,407,600	4,610,349	5,614,200	1,991,268	2,830,600	1,040,086
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SHAD	1,400	72	2,700	265	342,600	39,113
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SHARKS:						
GRAYFISH	763,300	3,817	-	-	-	-
SOUPFIN	400	21	-	-	-	-
OTHER	6,300	32	-	-	-	-
TOTAL SHARKS	770,000	3,870	-	-	-	-
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SKATES	330,500	2,845	-	-	-	-
SMELT:						
EULACHON	-	-	-	-	987,900	69,158
SURF OR SILVER	117,800	13,663	232,800	15,134	-	-
STEELHEAD TROUT	93,100	27,929	201,500	60,438	163,300	48,510
STURGEON	14,500	1,704	178,500	27,746	90,800	17,362
SUCKERS	-	-	-	-	30,800	554
TOMCOD	71,400	1,638	-	-	-	-
TUNA, ALBACORE	17,900	2,860	185,900	32,896	161,300	28,874
TOTAL FISH	87,595,500	11,817,716	7,561,500	2,191,346	5,868,000	1,258,671
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SHELLFISH						
CRABS, DUNGENESS 1/	1,016,700	185,036	4,227,300	845,236	158,600	29,506
CRAWFISH, FRESH-WATER	-	-	-	-	500	217
SHRIMP:						
BAY	31,500	15,263	-	-	-	-
OCEAN	-	-	1,367,400	120,950	-	-
CLAMS:						
HARD: 2/ BUTTER	87,500	25,904	-	-	-	-
LITTLE NECK	239,600	110,236	-	-	-	-
MANILA	75,000	34,182	6,100	2,482	-	-
RAZOR 3/	-	-	231,900	93,293	-	-
TOTAL CLAMS	402,100	170,322	238,000	95,775	-	-
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OCTOPUS	120,200	15,135	-	-	-	-
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OYSTERS, MARKET: 4/						
PACIFIC	3,415,500	855,634	5,461,400	1,264,036	-	-
WESTERN	26,300	72,405	-	-	-	-
TOTAL OYSTERS	3,441,800	928,039	5,461,400	1,264,036	-	-
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SQUID	13,500	1,271	-	-	-	-
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TOTAL SHELLFISH	5,025,800	1,315,066	11,294,100	2,325,997	159,100	29,723
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GRAND TOTAL	92,621,300	13,132,782	18,855,600	4,517,343	6,027,100	1,288,394

1/ BASED ON AN AVERAGE YIELD OF 22 POUNDS PER DOZEN IN THE PUGET SOUND DISTRICT AND 24 POUNDS PER DOZEN IN THE COASTAL AND COLUMBIA RIVER DISTRICTS.
 2/ BASED ON A YIELD OF 25 PERCENT MEATS.
 3/ BASED ON A YIELD OF 42 PERCENT MEATS.
 4/ BASED ON A YIELD OF 10 PERCENT MEATS IN THE PUGET SOUND DISTRICT AND 12 PERCENT MEATS IN THE COASTAL DISTRICT.

PACIFIC COAST FISHERIES

 PUGET SOUND DISTRICT OF WASHINGTON
 OPERATING UNITS, 1962

ITEM	HAUL SEINES 1/	PURSE SEINES		BEAM TRAWLS	OTTER TRAWLS	BRUSH WEIRS
		HERRING	SALMON			
FISHERMEN:	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>
ON VESSELS	24	47	1,995	6	399	-
ON BOATS AND SHORE	200	-	-	-	-	6
TOTAL	224	47	1,995	6	399	6
VESSELS, MOTOR	8	7	288	2	103	-
GROSS TONNAGE	67	254	10,848	28	5,156	-
BOATS:						
MOTOR	56	7	288	-	-	1
OTHER	20	-	-	-	-	-
GEAR:						
NUMBER	84	7	288	2	103	1
LENGTH, YARDS	6,300	2,985	153,135	-	-	-
YARDS AT MOUTH	-	-	-	16	2,289	-

ITEM	POUND NETS 2/	POTS			GILL NETS		ORIFT, SALMON
		CRAB	OCTOPUS	SHRIMP	ANCHOR, SET OR STAKE		
					SALMON 2/	OTHER	
FISHERMEN:	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>
ON VESSELS	-	66	-	-	-	2	260
ON BOATS AND SHORE	8	93	5	4	183	3	668
TOTAL	8	159	5	4	183	5	928
VESSELS, MOTOR	-	31	-	-	-	1	207
GROSS TONNAGE	-	745	-	-	-	11	2,240
BOATS:							
MOTOR	2	65	3	3	133	3	604
OTHER	-	1	-	-	50	-	3
GEAR:							
NUMBER	2	6,960	125	100	183	5	814
SQUARE YARDS	-	-	-	-	46,000	4,500	4,847,000

ITEM	HAND	LINES				DIP NETS	REEF NETS
		TROLL			LONG OR SET		
		SALMON	ALBACORE	LINGCOD			
FISHERMEN:	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>
ON VESSELS	-	493	16	34	634	19	-
ON BOATS AND SHORE	25	325	-	20	-	7	300
TOTAL	25	818	16	54	634	26	300
VESSELS, MOTOR	-	334	8	34	106	6	-
GROSS TONNAGE	-	5,028	159	409	5,197	64	-
BOATS:							
MOTOR	25	271	-	20	-	3	-
OTHER	-	-	-	-	-	-	150
GEAR:							
NUMBER	50	2,766	70	108	4,504	26	75
HOOKS	100	11,634	70	216	361,183	-	-

ITEM	CLAM	OREDGES		SHOVELS	BY HAND, OYSTER	TOTAL, EXCLUSIVE OF DUPLI- CATION
		OYSTER				
		COMMON	SUCTION			
FISHERMEN:	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>
ON VESSELS	6	19	3	-	-	3,666
ON BOATS AND SHORE	2	8	-	251	162	2,160
TOTAL	8	27	3	251	162	5,826
VESSELS, MOTOR	3	7	1	-	-	1,012
GROSS TONNAGE	28	115	41	-	-	26,722
BOATS:						
MOTOR	1	4	-	-	41	1,433
OTHER	-	-	-	-	20	242
GEAR:						
NUMBER	4	22	1	251	-	-
YARDS AT MOUTH	4	44	-	-	-	-

1/ INCLUDES 14 HAUL SEINES OPERATED ON INDIAN RESERVATIONS.

2/ FISHED ONLY ON INDIAN RESERVATIONS.

PACIFIC COAST FISHERIES

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PUGET SOUND DISTRICT OF WASHINGTON - CATCH BY GEAR, 1962

SPECIES	HAUL SEINES 1/		PURSE SEINES		BEAM TRAWLS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FLOUNDERS:						
"SOLE"	800	\$58	-	-	-	-
OTHER	100	5	-	-	-	-
HERRING	427,700	145,914	5,722,900	\$57,229	-	-
LINGCOD	600	30	100	5	-	-
PERCH	165,100	17,503	-	-	-	-
ROCKFISHES	9,600	479	100	5	-	-
SALMON:						
CHINOOK OR KING	41,500	17,420	232,300	74,347	-	-
CHUM OR KETA	12,000	1,976	760,900	148,385	-	-
PINK	-	-	200	32	-	-
RED OR SOCKEYE	-	-	3,317,500	1,088,125	-	-
SILVER OR COHO	51,100	15,335	1,085,300	331,019	-	-
SHARKS, GRAYFISH	-	-	1,200	6	-	-
SMELT, SURF OR SILVER	117,800	13,663	-	-	-	-
STURGEON	-	-	100	10	-	-
SHRIMP, BAY	-	-	-	-	11,900	\$4,383
TOTAL	826,300	212,383	11,120,600	1,699,163	11,900	4,383

SPECIES	OTTER TRAWLS		BRUSH WEIRS		POUND NETS 2/	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
COD	3,158,500	\$157,925	-	-	-	-
FLOUNDERS:						
"SOLE"	12,892,200	868,480	-	-	-	-
OTHER	968,900	48,444	-	-	-	-
HAKE	331,300	3,572	-	-	-	-
HERRING	19,500	195	115,200	\$23,041	-	-
LINGCOD	3,398,700	169,937	-	-	-	-
OCEAN PERCH	11,517,000	575,850	-	-	-	-
PERCH	7,800	820	-	-	-	-
RATFISH	1,595,500	13,821	-	-	-	-
ROCKFISHES	9,163,200	458,217	-	-	-	-
SABLEFISH	2,698,500	161,030	-	-	-	-
SALMON:						
CHINOOK OR KING	-	-	-	-	42,100	\$17,672
CHUM OR KETA	-	-	-	-	500	82
RED OR SOCKEYE	-	-	-	-	6,500	2,116
SILVER OR COHO	-	-	-	-	80,100	24,027
SHAD	1,300	67	-	-	-	-
SHARKS:						
GRAYFISH	743,900	3,720	-	-	-	-
SOUPFIN 3/	400	21	-	-	-	-
OTHER	300	2	-	-	-	-
SKATES	330,500	2,845	-	-	-	-
STURGEON	14,100	1,663	-	-	-	-
TOMCOD	71,400	1,638	-	-	-	-
OCTOPUS	36,800	3,679	-	-	-	-
SQUID	13,500	1,271	-	-	-	-
TOTAL	46,963,300	2,473,217	115,200	23,041	129,200	43,897

SPECIES	POTS		GILL NETS			
			ANCHOR, SET OR STAKE			
			SALMON 2/		OTHER	
			POUNDS	VALUE	POUNDS	VALUE
COD	-	-	-	-	5,800	\$290
HAKE	-	-	-	-	300	4
LINGCOD	-	-	-	-	2,900	145
RATFISH	-	-	-	-	600	5
ROCKFISHES	-	-	-	-	500	23
SALMON:						
CHINOOK OR KING	-	-	286,600	\$120,358	-	-
CHUM OR KETA	-	-	556,600	91,837	-	-
RED OR SOCKEYE	-	-	300	91	-	-
SILVER OR COHO	-	-	638,000	191,407	-	-
SHARKS:						
GRAYFISH	-	-	-	-	18,200	91
OTHER	-	-	-	-	6,000	30

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

PACIFIC COAST FISHERIES

PUGET SOUND DISTRICT OF WASHINGTON

CATCH BY GEAR, 1962 - Continued

SPECIES	POTS		GILL NETS			
			ANCHOR, SET OR STAKE			
			SALMON ^{2/}		OTHER	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
STEELHEAD TROUT	-	-	93,100	\$27,929	-	-
STURGEON	-	-	300	31	-	-
CRABS, DUNGENESS ^{4/}	1,016,700	\$185,036	-	-	-	-
SHRIMP, BAY	19,600	10,880	-	-	-	-
OCTOPUS	83,000	11,413	-	-	-	-
TOTAL	1,119,300	207,329	1,574,900	431,653	34,300	\$588

SPECIES	GILL NETS - CONTINUED		LINES			
	DRIFT, SALMON		HAND		TROLL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
COD	-	-	-	-	100	\$5
HALIBUT	-	-	3,600	\$678	129,600	24,367
LINGCOD	1,100	\$55	33,900	2,544	609,100	46,271
ROCKFISHES	-	-	22,800	797	32,200	1,563
SALMON:						
CHINOOK OR KING	352,100	154,936	-	-	991,000	529,375
CHUM OR KETA	566,700	120,274	-	-	1,400	262
PINK	400	64	-	-	25,100	5,476
RED OR SOCKEYE	1,239,200	406,472	-	-	6,100	1,835
SILVER OR COHO	1,947,900	613,589	-	-	1,648,500	493,139
SHAD	100	5	-	-	-	-
TUNA, ALBACORE	-	-	-	-	17,900	2,860
OCTOPUS	-	-	300	33	100	10
TOTAL	4,127,500	1,295,395	60,600	4,052	3,461,100	1,105,183

SPECIES	LINES - CONTINUED		DIP NETS		REEF NETS	
	LONG OR SET					
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
COD	100	\$5	-	-	-	-
FLOUNDERS, "SOLE"	200	20	-	-	-	-
HALIBUT	16,309,800	3,979,358	-	-	-	-
HERRING	-	-	86,700	\$29,494	-	-
LINGCOD	32,100	1,123	-	-	-	-
OCEAN PERCH	300	15	-	-	-	-
ROCKFISHES	82,000	2,881	-	-	-	-
SABLEFISH	2,224,300	360,563	-	-	-	-
SALMON:						
CHINOOK OR KING	-	-	-	-	20,200	\$6,475
CHUM OR KETA	-	-	-	-	5,300	1,027
RED OR SOCKEYE	-	-	-	-	396,700	130,773
SILVER OR COHO	-	-	-	-	73,500	22,403
TOTAL	18,648,800	4,343,965	86,700	29,494	497,700	160,678

SPECIES	DREDGES AND BY HAND		SHOVELS	
	POUNDS	VALUE	POUNDS	VALUE
CLAMS, HARD: ^{5/}				
BUTTER	51,600	\$15,263	35,900	\$10,641
LITTLENECK	13,600	6,261	226,000	103,975
MANILA	100	38	74,900	34,144
OYSTERS, MARKET ^{6/}				
PACIFIC	3,415,500	855,634	-	-
WESTERN	26,300	72,405	-	-
TOTAL	3,507,100	949,601	336,800	148,760

1/ THE SALMON CAUGHT BY HAUL SEINES WERE TAKEN ON INDIAN RESERVATIONS.

2/ FISHED ONLY ON INDIAN RESERVATIONS.

3/ THE POUNDAGE SHOWN INCLUDES THE TOTAL VOLUME OF SHARKS CAUGHT. SOME OF THE CARCASSES WERE DISCARDED AT SEA.

4/ BASED ON AN AVERAGE OF 22 POUNDS PER DOZEN.

5/ BASED ON A YIELD OF 25 PERCENT MEATS.

6/ BASED ON A YIELD OF 10 PERCENT MEATS FOR PACIFIC OYSTERS AND 18 PERCENT FOR WESTERN OR NATIVE OYSTERS.

NOTE:--THE POUNDAGE AND VALUE OF THE CATCH SHOWN ABOVE INCLUDE THE FOLLOWING ITEMS: LINGCOD LIVERS, 4,009 POUNDS; VALUE \$590; AND SOUPFIN SHARK LIVERS, 49 POUNDS, VALUE \$21.

PACIFIC COAST FISHERIES

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COASTAL DISTRICT OF WASHINGTON - OPERATING UNITS, 1962

ITEM	HAUL SEINES 1/	OTTER TRAWLS	
		FISH	SHRIMP
	NUMBER	NUMBER	NUMBER
FISHERMEN:			
ON VESSELS	-	16	36
ON BOATS AND SHORE	26	-	-
TOTAL	26	16	36
VESSELS, MOTOR	-	4	11
GROSS TONNAGE	-	231	549
BOATS:			
MOTOR	8	-	-
OTHER	2	-	-
GEAR:			
NUMBER	8	4	11
LENGTH, YARDS	800	-	-
YARDS AT MOUTH	-	92	212

ITEM	POTS, CRAB	GILL NETS		LINES
		ANCHOR, SET OR STAKE 1/	DRIFT	HAND
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS	154	-	14	-
ON BOATS AND SHORE	33	180	244	6
TOTAL	187	180	258	6
VESSELS, MOTOR	60	-	11	-
GROSS TONNAGE	1,431	-	118	-
BOATS:				
MOTOR	18	150	233	2
OTHER	-	25	10	2
GEAR:				
NUMBER	16,100	175	254	12
SQUARE YARDS	-	40,000	515,600	-
HOOKS	-	-	-	24

ITEM	LINES - CONTINUED			DIP NETS 2/
	TROLL		LONG OR SET WITH HOOKS	
	SALMON	ALBACORE		
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS	527	75	2	-
ON BOATS AND SHORE	215	-	4	26
TOTAL	742	75	6	26
VESSELS, MOTOR	342	40	1	-
GROSS TONNAGE	5,131	764	7	-
BOATS:				
MOTOR	180	-	2	6
OTHER	-	-	-	3
GEAR:				
NUMBER	2,604	346	9	26
HOOKS	11,500	346	4,500	-

ITEM	DREDGES, OYSTER	SHOVELS, CLAM	BY HAND, OYSTER	TOTAL, EXCLUSIVE OF DUPLI- CATION
				NUMBER
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS	60	-	-	747
ON BOATS AND SHORE	12	1,398	175	2,290
TOTAL	72	1,398	175	3,037
VESSELS, MOTOR	21	-	-	419
GROSS TONNAGE	457	-	-	7,160
BOATS:				
MOTOR	6	-	40	630
OTHER	-	-	65	107
GEAR:				
NUMBER	54	1,398	-	-
YARDS AT MOUTH	108	-	-	-

1/ OPERATED ON INDIAN RESERVATIONS.
 2/ INCLUDES 25 DIP NETS OPERATED ON INDIAN RESERVATIONS.

PACIFIC COAST FISHERIES

COASTAL DISTRICT OF WASHINGTON - CATCH BY GEAR, 1962

SPECIES	HAUL SEINES 1/		OTTER TRAWLS		POTS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
COD	-	-	1,600	\$82	-	-
FLOUNDERS:						
"SOLE"	-	-	207,000	16,417	-	-
OTHER	-	-	14,600	729	-	-
LINGCOD	-	-	79,800	3,830	-	-
OCEAN PERCH	-	-	4,700	221	-	-
PERCH	300	\$25	-	-	-	-
ROCKFISHES	-	-	464,900	20,936	-	-
SABLEFISH	-	-	25,000	1,659	-	-
SMELT, SURF OR SILVER	165,900	10,786	-	-	-	-
STURGEON	-	-	500	57	-	-
CRABS, DUNGENESS 2/	-	-	-	-	4,227,300	\$845,236
SHRIMP, OCEAN	-	-	1,367,400	120,950	-	-
TOTAL	166,200	10,811	2,165,500	164,681	4,227,300	845,236

SPECIES	GILL NETS				LINES	
	ANCHOR, SET OR STAKE 1/		DRIFT		HAND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
LINGCOD	-	-	-	-	700	\$35
PERCH	-	-	-	-	2,500	192
ROCKFISHES	-	-	-	-	100	5
SALMON:						
CHINOOK OR KING	238,500	\$104,932	268,600	\$113,971	-	-
CHUM OR KETA	72,500	11,163	649,600	94,353	-	-
RED OR SOCKEYE	80,800	45,349	-	-	-	-
SILVER OR COHO	465,800	139,734	340,500	98,239	-	-
SHAD	2,700	265	-	-	-	-
STEELHEAD TROUT	201,500	60,438	-	-	-	-
STURGEON	400	48	151,200	20,544	-	-
TOTAL	1,062,200	361,929	1,409,900	327,107	3,300	232

SPECIES	LINES - CONTINUED				DIP NETS	
	TROLL		LONG OR SET WITH HOOKS			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
HALIBUT	36,100	\$5,965	-	-	-	-
LINGCOD	160,500	6,843	-	-	-	-
PERCH	-	-	-	-	300	\$25
ROCKFISHES	147,800	6,635	-	-	-	-
SALMON:						
CHINOOK OR KING	1,242,400	690,228	-	-	-	-
CHUM OR KETA	400	85	-	-	-	-
PINK	4,300	766	-	-	-	-
RED OR SOCKEYE	300	80	-	-	-	-
SILVER OR COHO	2,250,500	692,348	-	-	-	-
SMELT, SURF OR SILVER	-	-	-	-	66,900	4,348
STURGEON	100	5	26,300	\$7,092	-	-
TUNA, ALBACORE	185,900	32,896	-	-	-	-
TOTAL	4,029,300	1,435,871	26,300	7,092	67,200	4,373

SPECIES	DREDGES AND BY HAND		SHOWELS	
	POUNDS	VALUE	POUNDS	VALUE
CLAMS:				
MANILA 3/	-	-	6,100	\$2,482
RAZOR 4/	-	-	231,900	93,293
OYSTERS, MARKET, PACIFIC 5/	461,400	\$1,264,036	-	-
TOTAL	461,400	1,264,036	238,000	95,775

- 1/ FISHED ONLY ON INDIAN RESERVATIONS.
2/ BASED ON AN AVERAGE OF 24 POUNDS PER DOZEN.
3/ BASED ON A YIELD OF 25 PERCENT MEATS.
4/ BASED ON A YIELD OF 42 PERCENT MEATS.
5/ BASED ON A YIELD OF 12 PERCENT MEATS.

PACIFIC COAST FISHERIES

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COLUMBIA RIVER DISTRICT OF WASHINGTON OPERATING UNITS, 1962

ITEM	HAUL SEINES	POUND NETS ^{1/}	POTS	
			CRAB	CRAWFISH
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS	-	-	24	-
ON BOATS AND SHORE	10	8	2	2
TOTAL	10	8	26	2
VESSELS, MOTOR	-	-	9	-
GROSS TONNAGE	-	-	151	-
BOATS:				
MOTOR	3	2	1	1
OTHER	1	-	-	1
GEAR:				
NUMBER	4	2	1,450	60
LENGTH, YARDS	400	-	-	-

ITEM	GILL NETS			LINES
	ANCHOR, SET OR STAKE ^{2/}	DRIFT		TROLL
		SALMON	SMELT	SALMON
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS	-	-	-	105
ON BOATS AND SHORE	6	147	25	193
TOTAL	6	147	25	298
VESSELS, MOTOR	-	-	-	72
GROSS TONNAGE	-	-	-	858
BOATS, MOTOR	6	140	25	164
GEAR:				
NUMBER	6	140	25	1,014
SQUARE YARDS	1,500	427,000	22,500	-
HOOKS	-	-	-	4,252

ITEM	LINES - CONTINUED		DIP NETS ^{3/}	TOTAL, EXCLUSIVE OF DUPLICATION
	TROLL-CONTINUED	LONG OR SET, STURGEON		
	ALBACORE			
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS	39	-	-	129
ON BOATS AND SHORE	2	6	187	518
TOTAL	41	6	187	647
VESSELS, MOTOR	23	-	-	79
GROSS TONNAGE	310	-	-	987
BOATS:				
MOTOR	1	4	38	317
OTHER	-	-	-	2
GEAR:				
NUMBER	196	12	187	-
HOOKS	196	1,200	-	-

^{1/} OPERATED BY FEDERAL FISH HATCHERY.

^{2/} OPERATED ON INDIAN RESERVATIONS.

^{3/} INCLUDES 68 DIP NETS OPERATED BY INDIANS.

PACIFIC COAST FISHERIES

COLUMBIA RIVER DISTRICT OF WASHINGTON
CATCH BY GEAR, 1962

SPECIES	HAUL SEINES		POUND NETS 1/		POTS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CARP	1,186,800	\$13,055	-	-	-	-
SALMON, CHINOOK OR KING	-	-	5,700	\$856	-	-
SUCKERS	30,800	554	-	-	-	-
CRABS, DUNGINESS 3/	-	-	-	-	158,600	\$29,506
CRAWFISH, FRESH-WATER	-	-	-	-	500	217
TOTAL	1,217,600	13,609	5,700	856	159,100	29,723

SPECIES	GILL NETS				LINES	
	ANCHOR, SET OR STAKE 2/		DRIFT		TROLL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FLOUNDERS	-	-	21,100	\$486	-	-
HALIBUT	-	-	-	-	900	\$125
LINGCOD	-	-	-	-	3,400	135
ROCKFISHES	-	-	-	-	48,500	1,213
SALMON:						
CHINOOK OR KING	2,000	\$598	1,651,700	668,955	121,000	62,057
CHUM OR KETA	-	-	18,500	2,922	-	-
RED OR SOCKEYE	600	250	18,500	5,310	-	-
SILVER OR COHO	-	-	139,100	38,956	789,800	232,864
SHAD	-	-	342,600	39,113	-	-
SMELT, EULACHON	-	-	198,600	28,904	-	-
STEELHEAD TROUT	-	-	163,300	48,510	-	-
STURGEON	-	-	88,400	16,787	-	-
TUNA, ALBACORE	-	-	-	-	161,300	28,874
TOTAL	2,600	848	2,641,800	852,943	1,124,900	325,288

SPECIES	LINES - CONTINUED		DIP NETS	
	LONG OR SET			
	POUNDS	VALUE	POUNDS	VALUE
SALMON:				
CHINOOK OR KING	-	-	67,500	\$20,243
SILVER OR COHO	-	-	16,200	4,055
SMELT, EULACHON	-	-	789,300	40,254
STURGEON	2,400	\$575	-	-
TOTAL	2,400	575	873,000	64,552

1/ OPERATED BY FEDERAL FISH HATCHERY. CATCH REPRESENTS SPAWNED SALMON SOLD TO CANNERIES.

2/ FISHED ONLY ON INDIAN RESERVATIONS.

3/ BASED ON AN AVERAGE OF 24 POUNDS PER DOZEN.



PACIFIC COAST FISHERIES

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OREGON

CATCH BY DISTRICTS, 1962

SPECIES	COLUMBIA RIVER		COASTAL	
	POUNDS	VALUE	POUNDS	VALUE
FISH				
COD	18,900	\$943	-	-
FLOUNDER ¹ :				
"SOLE"	9,690,000	573,457	6,663,400	\$367,807
OTHER	885,900	36,130	95,400	3,816
HAKE	50,100	1,253	3,300	83
HALIBUT	148,400	34,209	333,100	67,119
HERRING, SEA	-	-	16,300	6,500
LINGCOD	614,100	30,636	234,800	9,841
OCEAN PERCH	3,619,400	162,873	2,185,900	92,900
PERCH	-	-	5,000	452
ROCKFISHES	5,442,800	241,488	2,564,800	95,216
SABLEFISH	100,200	8,529	286,400	25,996
SALMON:				
CHINOOK OR KING	3,900,300	1,453,290	606,400	334,727
CHUM OR KETA	28,900	3,818	-	-
RED OR SOCKEYE	33,600	14,224	-	-
SILVER OR COHO	844,900	228,912	1,778,400	533,526
TOTAL SALMON	4,807,700	1,700,244	2,384,800	868,253
SEA BASS, WHITE	-	-	6,700	267
SHAD	552,200	69,745	686,800	103,019
SHARKS:				
GRAYFISH	9,800	100	-	-
OTHER	2,100	32	100	2
SKATES	110,800	2,933	116,000	2,900
SMELT:				
EULACHON	498,300	72,248	-	-
SILVER	-	-	2,000	200
STEELHEAD TROUT	557,700	167,359	200	55
STRIPED BASS	-	-	53,500	6,419
TURGEON	199,400	32,477	1,400	82
TUNA, ALBACORE	5,918,100	1,000,162	3,031,400	497,145
TOTAL FISH	33,225,900	4,134,818	18,671,300	2,148,072
SHELLFISH				
CRABS, DUNGENESS 1/2	1,191,800	238,250	4,556,400	888,503
CRAWFISH, FRESH-WATER	12,400	3,550	-	-
SHRIMP, OCEAN	394,400	34,309	2,382,700	238,267
CLAMS:				
RAZOR 2/3	-	-	11,200	4,780
MIXED 3/4	-	-	27,100	13,010
TOTAL CLAMS	-	-	38,300	17,790
OCTOPUS	-	-	500	38
OYSTERS, MARKET, PACIFIC 4/5	-	-	511,900	127,975
TOTAL SHELLFISH	1,598,600	276,209	7,489,800	1,272,573
WHALE PRODUCTS:				
MEAL	4,000	238	-	-
MEAT	13,000	910	-	-
OIL 5/8	2,200	240	-	-
TOTAL WHALE PRODUCTS	19,200	1,388	-	-
GRAND TOTAL	34,843,700	4,412,415	26,161,100	3,420,645

1/ BASED ON AN AVERAGE OF 25 POUNDS PER DOZEN.

2/ BASED ON A YIELD OF 42 PERCENT MEATS.

3/ PRINCIPALLY EASTERN SOFT CLAMS. BASED ON A YIELD OF 21 PERCENT MEATS.

4/ BASED ON A YIELD OF 12 PERCENT MEATS.

5/ CONVERTED TO POUNDS ON THE BASIS OF 7.5 POUNDS PER GALLON.

PACIFIC COAST FISHERIES

COLUMBIA RIVER DISTRICT OF OREGON
OPERATING UNITS, 1962

ITEM	OTTER TRAWLS		POTS	
	FISH	SHRIMP	CRAB	CRAWFISH
	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>
FISHERMEN: ON VESSELS,	114	15	67	-
ON BOATS AND SHORE,	-	-	33	15
TOTAL	114	15	100	15
VESSLS, MOTOR,	30	4	27	-
GROSS TONNAGE	1,627	225	431	-
BOATS, MOTOR,	-	-	17	15
GEAR: NUMBER,	30	4	8,000	600
YARDS AT MOUTH,	687	76	-	-

ITEM	GILL NETS, DRIFT		LINES	
	SALMON	SMELT	TROLL	
			SALMON	ALBACORE
	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>
FISHERMEN: ON VESSELS,	-	-	126	482
ON BOATS AND SHORE,	650	55	57	10
TOTAL	650	55	183	492
VESSLS, MOTOR,	-	-	74	223
GROSS TONNAGE	-	-	1,075	6,302
BOATS, MOTOR,	593	55	47	7
GEAR: NUMBER,	593	55	614	2,096
SQUARE YARDS,	1,808,600	49,500	-	-
HOOKS	-	-	2,776	2,096

ITEM	LINES-CONT'D.	DIP NETS 1/	HARPOONS, WHALE	TOTAL, EXCLUSIVE OF DUPLI- CATION
	LONG OR SET, HALIBUT			
	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>
FISHERMEN: ON VESSELS,	13	-	5	653
ON BOATS AND SHORE,	-	42	-	767
TOTAL	13	42	5	1,420
VESSLS, MOTOR,	3	-	1	284
GROSS TONNAGE	70	-	121	7,860
BOATS, MOTOR,	-	-	-	649
GEAR: NUMBER,	70	42	1	-
HOOKS	6,050	-	-	-

1/ INCLUDES 40 DIP NETS OPERATED BY INDIANS.



PACIFIC COAST FISHERIES

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COLUMBIA RIVER DISTRICT OF OREGON - CATCH BY GEAR, 1962

SPECIES	OTTER TRAWLS		POTS		GILL NETS, DRIFT	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
COD	18,900	\$943	-	-	-	-
FLOUNDERS:						
"SOLE"	9,690,000	573,457	-	-	-	-
OTHER	614,400	30,700	-	-	271,500	\$5,430
HAKE	30,100	1,253	-	-	-	-
LINGCOD	608,000	30,400	-	-	-	-
OCEAN PERCH	3,619,400	162,673	-	-	-	-
ROCKFISHES	5,430,600	241,032	-	-	-	-
SABLEFISH	85,600	6,585	-	-	-	-
SALMON:						
CHINOOK OR KING	-	-	-	-	3,784,500	1,400,263
CHUM OR KETA	-	-	-	-	28,900	3,818
RED OR SOCKEYE	-	-	-	-	32,400	13,756
SILVER OR COHO	-	-	-	-	460,400	115,091
SHAD	400	20	-	-	538,500	66,392
SHARKS:						
GRAYFISH	9,800	100	-	-	-	-
OTHER	2,100	32	-	-	-	-
SKATES	110,800	2,933	-	-	-	-
SMELT, EULACHON	-	-	-	-	498,300	72,248
STEELHEAD TROUT	-	-	-	-	556,600	166,980
STURGEON	24,300	1,847	1,191,800	\$238,350	175,100	30,630
CRABS, DUNGINESS	-	-	12,400	3,550	-	-
CRAWFISH, FRESH-WATER	-	-	-	-	-	-
SHRIMP, OCEAN	394,400	34,309	-	-	-	-
TOTAL	20,656,800	1,086,484	1,204,200	241,900	6,346,200	1,876,608

SPECIES	LINES			
	TROLL		LONG OR SET	
	POUNDS	VALUE	POUNDS	VALUE
HALIBUT	700	\$115	147,700	\$34,094
LINGCOD	3,300	130	2,600	106
ROCKFISHES	5,500	220	6,700	236
SABLEFISH	-	-	14,600	1,944
SALMON:				
CHINOOK OR KING	84,100	43,504	-	-
RED OR SOCKEYE	384,400	113,796	-	-
STEELHEAD TROUT	1,000	350	-	-
TUNA, ALBACORE	5,918,100	1,000,162	-	-
TOTAL	6,397,100	1,158,277	171,800	36,380

SPECIES	DIP NETS		HARPOONS	
	POUNDS	VALUE	POUNDS	VALUE
SALMON:				
CHINOOK OR KING	31,700	\$9,523	-	-
RED OR SOCKEYE	1,200	468	-	-
SILVER OR COHO	100	25	-	-
SHAD	13,300	1,333	-	-
STEELHEAD TROUT	100	29	-	-
WHALE PRODUCTS:				
MEAL	-	-	4,000	\$238
MEAT	-	-	13,000	910
OIL	-	-	2,200	240
TOTAL	46,400	11,378	19,200	1,388

NOTE:--THE FOLLOWING SPECIES LANDED IN THE COLUMBIA RIVER DISTRICT WERE CAUGHT OFF THE COAST: COD, "SOLE", HAKE, HALIBUT, LINGCOD, OCEAN PERCH, ROCKFISHES, SABLEFISH, SHARKS, SKATES, TUNA, CRABS, SHRIMP, WHALES, THE OTTER TRAWL CATCH OF FLOUNDERS AND STURGEON, AND MOST OF THE TROLL CATCH OF SALMON.

PACIFIC COAST FISHERIES

COASTAL DISTRICT OF OREGON - OPERATING UNITS, 1962

ITEM	HAUL SEINES	OTTER TRAWLS	
		FISH	SHRIMP
	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>
FISHERMEN:			
ON VESSELS	-	92	75
ON BOATS AND SHORE	13	-	-
TOTAL	13	92	75
VESSELS, MOTOR	-	26	24
GROSS TONNAGE	-	1,270	741
BOATS:			
MOTOR	5	-	-
OTHER	3	-	-
GEAR:			
NUMBER	5	26	24
LENGTH, YARDS	500	-	-
YARDS AT MOUTH	-	590	448

ITEM	POTS, CRAB	GILL NETS	
		ANCHOR, SET OR STAKE	DRIFT
	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>
FISHERMEN:			
ON VESSELS	243	-	-
ON BOATS AND SHORE	94	43	60
TOTAL	337	43	60
VESSELS, MOTOR	106	-	-
GROSS TONNAGE	2,112	-	-
BOATS:			
MOTOR	63	38	57
OTHER	-	1	-
GEAR:			
NUMBER	26,200	156	57
SQUARE YARDS	-	62,400	114,000

ITEM	LINES		
	TROLL		LONG OR SET
	SALMON	ALBACORE	
	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>
FISHERMEN:			
ON VESSELS	497	523	22
ON BOATS AND SHORE	296	45	-
TOTAL	793	568	22
VESSELS, MOTOR	266	269	7
GROSS TONNAGE	4,141	4,185	137
BOATS, MOTOR	247	32	-
GEAR:			
NUMBER	2,624	2,487	124
HOOKS	11,526	2,487	10,925

ITEM	DREDGES, OYSTER, COMMON	SHOVELS	BY HAND, OYSTER	TOTAL, EXCLUSIVE OF DUPLICATION
				NUMBER
FISHERMEN:				
ON VESSELS	5	-	-	877
ON BOATS AND SHORE	2	190	27	630
TOTAL	7	190	27	1,507
VESSELS, MOTOR	2	-	-	423
GROSS TONNAGE	26	-	-	7,907
BOATS:				
MOTOR	1	-	3	360
OTHER	-	-	3	7
GEAR:				
NUMBER	6	190	-	-
YARDS AT MOUTH	12	-	-	-

PACIFIC COAST FISHERIES

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COASTAL DISTRICT OF OREGON - CATCH BY GEAR, 1962

SPECIES	HAUL SEINES		OTTER TRAWLS		POTS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FLOUNDERS:						
"SOLE"	-	-	6,660,500	\$367,538	-	-
OTHER	-	-	95,400	3,816	-	-
HAKE	-	-	3,300	83	-	-
HERRING, SEA	16,300	\$6,500	-	-	-	-
LINGCOD	-	-	195,700	7,830	-	-
OCEAN PERCH	-	-	2,185,900	92,900	-	-
PERCH	5,000	452	-	-	-	-
ROCKFISHES	-	-	2,513,500	93,341	-	-
SABLEFISH	-	-	126,400	9,426	-	-
SHARKS	-	-	100	2	-	-
SKATES	-	-	116,000	2,900	-	-
SMELT, SURF OR SILVER	2,000	200	-	-	-	-
STURGEON	-	-	1,100	67	-	-
CRABS, OUNGNESS	-	-	-	-	4,556,400	\$888,503
SHRIMP, OCEAN	-	-	2,382,700	238,267	-	-
OCTOPUS	-	-	500	38	-	-
TOTAL	23,300	7,152	14,283,100	816,208	4,556,400	888,503

SPECIES	GILL NETS		LINES			
			TROLL		LONG OR SET WITH HOOKS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FLOUNDERS, "SOLE"	-	-	100	\$7	2,800	\$262
HALIBUT	-	-	6,700	1,102	326,400	66,017
LINGCOD	-	-	31,700	1,725	7,400	266
ROCKFISHES	-	-	13,200	542	36,100	1,333
SABLEFISH	-	-	-	-	158,000	16,570
SALMON:						
CHINOOK OR KING	-	-	606,400	334,727	-	-
SILVER OR COHO	-	-	1,778,400	533,526	-	-
SEA BASS, WHITE	-	-	6,700	267	-	-
SHAD	686,800	\$103,019	-	-	-	-
STEELHEAD TROUT	-	-	200	55	-	-
STRIPED BASS	53,500	6,419	-	-	-	-
STURGEON	300	15	-	-	-	-
TUNA, ALBACORE	-	-	3,031,400	497,145	-	-
TOTAL	740,600	109,453	5,474,800	1,369,096	532,700	84,468

SPECIES	DREGES AND BY HAND		SHOVELS	
	POUNDS	VALUE	POUNDS	VALUE
CLAMS:				
RAZOR	-	-	11,200	\$4,780
MIXED	-	-	27,100	13,010
OYSTERS, MARKET, PACIFIC	511,900	\$127,975	-	-
TOTAL	511,900	127,975	38,300	17,790



PACIFIC COAST FISHERIES

CALIFORNIA

CATCH BY DISTRICTS, 1962

SPECIES	NORTHERN		SAN FRANCISCO		MONTEREY	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ANCHOVIES	-	-	11,400	\$488	1,189,100	\$23,881
BONITO	-	-	-	-	100	7
CABEZONE	-	-	100	3	1,900	148
CARP	-	-	221,000	10,851	-	-
FLOUNDERS:						
ARROWTOOTH HALIBUT	46,100	\$2,187	7,300	280	-	-
CALIFORNIA HALIBUT	-	-	74,000	15,921	47,200	11,526
SAND DABS	158,100	12,430	392,900	26,562	127,900	9,142
"SOLE":						
DOVER	6,867,400	423,031	1,459,100	79,080	57,900	2,888
ENGLISH	1,178,200	87,541	2,204,500	159,723	269,900	19,618
PETRALE	1,332,800	154,335	908,500	113,375	166,800	20,019
REX	550,000	38,718	491,500	32,880	102,500	5,239
SANO	53,800	5,334	140,900	14,346	-	-
UNCLASSIFIED	2,600	92	22,400	571	29,900	2,892
OTHER	151,700	7,389	147,700	7,811	36,500	3,789
HAKE	2,200	44	74,300	1,218	1,800	39
HALIBUT	3,500	1,072	-	-	-	-
HARPOHEAD	-	-	128,200	25,646	-	-
HERRING, SEA	100	4	812,100	7,065	492,800	41,446
KING CROAKER	-	-	4,200	297	71,100	4,945
LINGCOD	622,500	48,491	302,000	23,130	101,400	10,295
MACKEREL:						
JACK	-	-	4,200	284	2,049,700	50,029
PACIFIC	-	-	-	-	6,300	217
PERCH	87,100	11,648	21,400	2,940	26,000	3,476
POMPANO	-	-	-	-	600	303
ROCKFISHES	1,993,200	90,772	1,989,200	104,339	2,854,900	155,225
SABLEFISH	696,900	61,255	891,000	27,710	404,600	21,608
SALMON:						
CHINOOK OR KING	3,833,200	2,319,040	2,041,700	1,305,028	307,000	186,343
SILVER OR COHO	360,300	129,708	9,300	3,720	1,400	560
TOTAL SALMON	4,193,500	2,448,748	2,051,000	1,308,748	308,400	186,903
SARDINE, PACIFIC	-	-	100	6	2,591,500	81,632
SEA BASS, WHITE	-	-	11,600	3,760	2,400	817
SHARKS, UNCLASSIFIED	200	13	159,500	6,144	69,500	3,085
SKATES	8,700	29	97,300	1,138	75,700	1,195
SMELT	209,200	10,820	66,200	9,245	21,600	1,629
SPLITTAIL	-	-	1,600	433	-	-
TUNA, ALBACORE	1,376,700	187,915	1,504,600	205,222	2,685,600	386,190
TURBOT	3,400	341	69,800	3,949	100	4
WHITETAIT	143,000	10,756	21,700	2,746	23,700	3,238
UNCLASSIFIED:						
FOR FOOD	-	-	4,100	111	-	-
BAIT AND ANIMAL FOOD	350,400	7,008	79,100	1,581	122,500	2,450
TOTAL FISH	20,031,300	3,609,973	14,373,500	2,196,603	13,931,900	1,053,876
SHELLFISH:						
CRABS:						
DUNGENESS	1,851,500	446,366	1,349,200	417,967	12,300	4,089
ROCK	3,400	204	200	12	200	8
TOTAL CRABS	1,854,900	446,590	1,349,400	417,979	12,500	4,097
SHRIMP:						
BAY	-	-	1,100	140	-	-
OCEAN	1,537,700	169,916	245,200	26,978	700	420
TOTAL SHRIMP	1,537,700	169,916	246,300	27,118	700	420
ABALONE 1/2	-	-	5,100	4,489	100	125
CLAMS, HARD 2/2	800	494	-	-	200	71
MUSSELS	-	-	3,800	381	-	-
OCTOPUS	1,400	50	11,100	413	100	7
OYSTERS, MARKET:						
EASTERN 3/4	-	-	13,300	4,717	-	-
PACIFIC 2/4	1,146,800	236,926	47,100	40,889	3,800	633
TOTAL OYSTERS	1,146,800	236,926	60,400	45,606	3,800	633
SQUID	-	-	-	-	5,652,900	120,971
TOTAL SHELLFISH	4,541,600	855,976	1,676,100	495,986	5,670,300	126,324
WHALE PRODUCTS:						
MEAL	-	-	2,871,600	160,440	-	-
MEAT	-	-	4,300,200	366,824	-	-
OIL:						
SPERM	-	-	531,700	57,060	-	-
WHALE	-	-	2,033,300	120,350	-	-
TOTAL WHALE PRODUCTS	-	-	9,736,800	704,674	-	-
GRAND TOTAL	24,572,900	4,465,949	25,796,400	3,397,263	19,602,200	1,180,200

SEE FOOTNOTES AT END OF TABLE.

PACIFIC COAST FISHERIES

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CALIFORNIA - CATCH BY DISTRICTS, 1962 - Continued

SPECIES	SANTA BARBARA		SAN PEDRO		SAN DIEGO	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ANCHOVIES	29,900	\$1,427	1,534,300	\$24,242	300	\$12
BARRACUDA	49,700	7,628	641,600	94,380	55,100	7,918
BONITO	7,900	307	1,993,400	56,811	133,500	5,647
CABEZONE	400	24	-	-	-	-
CABRILLA	-	-	28,500	3,909	400	60
FLOUNDERS:						
CALIFORNIA HALIBUT	149,100	34,344	314,000	78,418	278,800	67,519
SAND OABS	300	20	700	144	-	-
"SOLE":						
DOVER	196,800	11,807	-	-	-	-
ENGLISH	553,500	36,639	100	5	-	-
PETRALE	632,700	74,027	400	40	-	-
REX	264,300	16,703	-	-	-	-
SAND	1,800	218	-	-	-	-
UNCLASSIFIED	2,300	167	1,700	214	9,600	2,373
OTHER	300	17	-	-	-	-
FLYING FISH	-	-	14,400	1,447	-	-
GROUPERS	-	-	290,600	59,808	20,500	4,452
HAKE	-	-	-	-	200	25
HALFMOON	-	-	6,500	1,478	2,100	297
HERRING, SEA	500	48	100	8	-	-
KING CROAKER	3,500	235	605,300	19,272	3,500	327
LINGCOD	85,600	5,960	700	70	-	-
MACKEREL:						
JACK	9,572,000	173,254	78,352,900	1,645,417	-	-
PACIFIC	4,860,900	86,038	43,670,900	938,926	40,700	1,782
OPALEYE	-	-	1,300	152	400	30
PERCH	15,800	3,037	13,000	2,337	1,800	251
POMPANO	300	49	35,100	10,745	-	-
ROCK BASS	-	-	1,500	305	-	-
ROCKFISHES	2,021,200	109,693	559,000	66,601	416,900	47,356
SABLEFISH	21,500	983	1,100	127	200	9
SALMON:						
CHINOOK OR KING	108,300	72,445	11,300	6,025	-	-
SILVER OR COHO	400	160	-	-	-	-
TOTAL SALMON	108,700	72,605	11,300	6,025	-	-
SARDINE, PACIFIC	2,175,300	78,093	10,596,100	330,598	-	-
SCALFIN	-	-	12,000	4,064	45,900	12,759
SEA BASS:						
BLACK	1,400	163	393,500	64,457	51,300	8,252
WHITE	39,300	14,815	354,400	108,908	166,700	48,473
SHARKS, UNCLASSIFIED	118,800	10,551	293,100	36,682	122,100	12,990
SHEEPSHEAD	400	27	7,000	490	12,900	1,183
SJERRA	-	-	-	-	100	3
SKATES	400	24	100	9	-	-
SMELT	300	12	42,300	1,190	-	-
SNOWFISH	500	270	29,200	15,317	9,400	4,844
TUNA:						
ALBACORE	984,300	135,731	19,369,700	3,265,735	10,701,600	1,656,860
BLUEFIN	-	-	29,949,000	4,204,834	1,251,000	162,755
SKIPJACK	-	-	69,309,800	8,878,587	23,411,200	3,043,459
YELLOWFIN	-	-	101,538,300	15,372,892	22,482,500	3,379,120
TOTAL TUNA	984,300	135,731	220,166,800	31,722,048	57,846,300	8,444,194
TURBOT	7,000	411	100	5	-	-
WAHOO	-	-	22,500	7,668	1,000	156
YELLOWTAIL	100	16	127,800	11,465	60,500	4,511
UNCLASSIFIED:						
FOR FOOD	700	48	12,000	903	5,300	418
BAIT AND ANIMAL FOOD	1,327,900	26,558	-	-	-	-
TOTAL FISH	23,235,400	901,949	360,135,300	35,314,685	59,285,500	8,675,841
SHELLFISH						
CRABS:						
DUNGENESS	9,700	3,602	-	-	-	-
ROCK	129,700	9,363	63,700	6,904	3,100	115
TOTAL CRABS	139,400	12,965	63,700	6,904	3,100	115
LOBSTER, SPINY	119,800	81,311	252,200	175,373	145,000	97,231
SHRIMP, OCEAN	2,600	656	-	-	-	-
ABALONE 1/	561,500	435,017	212,800	124,990	57,900	28,828
CLAMS, HARD 2/	-	-	-	-	1,100	1,856
OCTOPUS	600	73	100	18	-	-
OYSTERS, MARKET, PACIFIC 4	127,500	21,253	-	-	-	-
SQUID	1,954,400	21,694	1,755,600	24,754	5,200	210
TOTAL SHELLFISH	2,905,800	572,969	2,284,400	332,039	211,700	128,240
GRAND TOTAL	26,141,200	1,474,918	362,419,700	35,646,724	59,497,200	8,804,081

1/ BASED ON YIELDS OF 20 PERCENT MEATS. 2/ BASED ON YIELDS OF 24 PERCENT MEATS. 3/ BASED ON YIELDS OF 14 PERCENT MEATS. 4/ BASED ON YIELDS OF 12 PERCENT MEATS.

PACIFIC COAST FISHERIES

CALIFORNIA - CATCH BY WATERS, 1962

SPECIES	OFF UNITED STATES		OFF LATIN AMERICA	
	POUNDS	VALUE	POUNDS	VALUE
ANCHOVIES	2,764,000	\$50,050	-	-
BARRACUDA	521,700	76,931	224,700	\$32,995
BONITO	2,072,000	60,925	62,900	1,847
CABEZONE	2,400	175	-	-
CABRILLA	-	-	28,900	3,969
CARP	221,000	10,851	-	-
FLOUNDERs:				
ARROWTOOTH HALIBUT	53,400	2,467	-	-
CALIFORNIA HALIBUT	776,100	166,310	87,000	21,418
SAND DABS	679,900	48,298	-	-
"SOLE":				
DOVER	8,581,200	516,806	-	-
ENGLISH	4,206,200	302,526	-	-
PETRALE	3,041,200	361,796	-	-
REX	1,408,300	93,540	-	-
SAND	196,500	19,898	-	-
UNCLASSIFIED	66,500	6,309	-	-
OTHER	338,200	19,006	-	-
FLYING FISH	14,400	1,447	-	-
GROUPERS	-	-	311,100	64,260
HAKE	78,500	1,326	-	-
HALFMOON	8,600	1,775	-	-
HALIBUT	3,500	1,072	-	-
HARHEAD	128,200	25,646	-	-
HERRING, SEA	1,305,600	48,571	-	-
KING CROAKER	687,600	25,076	-	-
LINGCOD	1,111,800	87,906	400	40
MACKEREL:				
JACK	89,978,800	1,868,984	-	-
PACIFIC	48,578,400	1,026,954	400	9
OPALEYE	1,700	182	-	-
PERCH	164,900	23,654	200	35
POMPANO	36,000	11,097	-	-
ROCK BASS	-	-	1,500	305
ROCKFISHES	9,393,100	522,456	441,300	51,531
SABLEFISH	2,015,300	111,692	-	-
SALMON:				
CHINOOK OR KING	6,301,500	3,888,881	-	-
SILVER OR COHO	371,400	134,148	-	-
SARDINE, PACIFIC	15,304,000	488,489	59,000	1,840
SCULPIN	57,700	16,765	200	58
SEA BASS:				
BLACK	8,200	1,275	438,000	71,597
WHITE	208,900	66,392	365,500	110,381
SHARKS, UNCLASSIFIED	723,500	65,912	29,700	3,553
SHEEPSHEAD	15,300	1,280	5,000	420
SIERRA	-	-	100	3
SKATES	182,100	2,386	100	9
SMELT	339,600	22,896	-	-
SPLITTAIL	1,600	433	-	-
SWORDFISH	31,100	16,253	8,000	4,178
TUNA:				
ALBACORE	32,046,500	5,259,835	4,576,000	779,818
BLUFIN	17,039,700	2,385,334	14,160,300	1,882,255
SKIFJACK	-	-	92,721,000	11,922,046
YELLOWFIN	100	15	124,020,700	18,751,997
TURBOT	80,400	4,710	-	-
WAHOO	-	-	23,500	7,824
WHITETAIT	188,400	16,740	-	-
YELLOWTAIL	37,100	3,138	151,300	12,854
UNCLASSIFIED:				
FOR FOOD	12,100	716	10,000	764
FOR BAIT AND ANIMAL FOOD	1,879,900	37,597	-	-
CRABS:				
DUNGENESS	3,222,700	872,044	-	-
ROCK	200,300	16,606	-	-
LOBSTER, SPINY	515,800	353,111	1,200	804
SHRIMP:				
BAY	1,100	140	-	-
OCEAN	1,766,200	197,970	-	-
ABALONE	836,800	593,449	-	-
CLAMS, HARD	2,100	2,421	-	-
MUSSELS	3,800	381	-	-
OCTOPUS	13,300	561	-	-
OYSTERS, MARKET:				
EASTERN	13,300	4,717	-	-
PACIFIC	1,325,200	301,701	-	-
SQUID	9,366,100	167,629	-	-
WHALE PRODUCTS:				
MEAL	2,871,600	160,440	-	-
MEAT	4,300,200	366,824	-	-
OIL:				
SPERM	531,700	57,060	-	-
WHALE	2,033,300	120,350	-	-
TOTAL	280,291,600	21,142,325	237,728,000	33,826,810

PACIFIC COAST FISHERIES

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NORTHERN DISTRICT OF CALIFORNIA - OPERATING UNITS, 1962

ITEM	HAUL SEINES, COMMON	BEAM TRAWLS, SHRIMP	OTTER TRAWLS, FISH	POTS, CRAB
	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>
FISHERMEN:				
ON VESSELS	-	34	139	330
ON BOATS AND SHORE	8	-	-	70
TOTAL	8	34	139	400
VESSELS, MOTOR	-	10	33	141
GROSS TONNAGE	-	257	1,596	2,461
BOATS, MOTOR	4	-	-	46
GEAR:				
NUMBER	4	10	33	15,560
LENGTH, YARDS	400	-	-	-
YARDS AT MOUTH	-	70	891	-

ITEM	LINES			
	HAND		TROLL	
	ROCK FISH	OTHER	SALMON	ALBACORE
	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>
FISHERMEN:				
ON VESSELS	-	18	1,098	247
ON BOATS AND SHORE	4	4	744	8
TOTAL	4	22	1,842	255
VESSELS, MOTOR	-	8	499	105
GROSS TONNAGE	-	105	7,974	1,917
BOATS, MOTOR	2	2	425	4
GEAR:				
NUMBER	4	22	5,544	981
HOOKS	8	44	22,176	981

ITEM	LINES - CONTINUED		DREDGES, OYSTER	
	TROLL-CONTINUED	LONG OR SET WITH HOOKS	COMMON	
	OTHER		COMMON	SUCTION
	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>
FISHERMEN:				
ON VESSELS	4	8	-	-
ON BOATS AND SHORE	2	-	4	3
TOTAL	6	8	4	3
VESSELS, MOTOR	2	4	-	-
GROSS TONNAGE	24	65	-	-
BOATS, MOTOR	1	-	2	1
GEAR:				
NUMBER	27	40	2	1
YARDS AT MOUTH	-	-	2	-
HOOKS	27	4,000	-	-

ITEM	TONCS, OYSTER	SHOVELS, CLAM	BY HAND, OYSTERS	TOTAL, EXCLUSIVE OF DUPLI- CATION
	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>
FISHERMEN:				
ON VESSELS	-	-	-	1,326
ON BOATS AND SHORE	10	4	10	752
TOTAL	10	4	10	2,078
VESSELS, MOTOR	-	-	-	565
GROSS TONNAGE	-	-	-	10,304
BOATS, MOTOR	10	2	10	430
GEAR, NUMBER	10	4	-	-



PACIFIC COAST FISHERIES

NORTHERN DISTRICT OF CALIFORNIA - CATCH BY GEAR, 1962

SPECIES	HAUL SEINES		BEAM TRAWLS	
	POUNDS	VALUE	POUNDS	VALUE
HERRING, SEA	100	\$4	-	-
PERCH	87,100	11,648	-	-
SMELT	209,200	10,820	-	-
WHITEBAIT	143,000	10,756	-	-
SHRIMP, OCEAN	-	-	1,537,700	\$169,916
TOTAL	439,400	33,228	1,537,700	169,916

SPECIES	OTTER TRAWLS		POTS	
	POUNDS	VALUE	POUNDS	VALUE
FLOUNDERS:				
ARROWTOOTH HALIBUT	46,100	\$2,187	-	-
SAND DASS	158,100	12,430	-	-
"SOLE":				
DOVER	6,867,400	423,031	-	-
ENGLISH	1,178,200	87,541	-	-
PETRALE	1,332,800	154,335	-	-
REX	550,000	36,718	-	-
SAND	53,800	5,334	-	-
UNCLASSIFIED	2,200	76	-	-
OTHER	151,700	7,389	-	-
HAKE	2,200	44	-	-
LINGCOD	467,600	36,099	-	-
ROCKFISHES	1,951,000	88,662	-	-
SABLEFISH	593,600	51,958	-	-
SALMON, CHINOOK OR KING	500	250	-	-
SHARKS, UNCLASSIFIED	200	13	-	-
SKATES	8,700	29	-	-
TURBOT	3,400	341	-	-
UNCLASSIFIED, FOR BAIT AND ANIMAL FOOD	350,400	7,008	-	-
CRABS:				
DUNGENESS	100	24	1,851,400	\$446,362
ROCK	-	-	3,400	204
OCTOPUS	1,400	50	-	-
TOTAL	13,719,400	915,519	1,854,800	446,566

SPECIES	LINES		DREDGES	
	POUNDS	VALUE	POUNDS	VALUE
FLOUNDERS, "SOLE", UNCLASSIFIED	400	\$16	-	-
HALIBUT	3,500	1,072	-	-
LINGCOD	154,900	12,392	-	-
ROCKFISHES	42,200	2,110	-	-
SABLEFISH	103,300	9,297	-	-
SALMON:				
CHINOOK OR KING	3,832,700	2,318,790	-	-
SILVER OR COHO	360,300	129,708	-	-
TUNA, ALBACORE	1,376,700	187,915	-	-
OYSTERS, PACIFIC	-	-	1,112,000	\$231,618
TOTAL	5,874,000	2,661,300	1,112,000	231,618

SPECIES	TONGS AND BY HAND		SHOVELS	
	POUNDS	VALUE	POUNDS	VALUE
CLAMS, HARD	-	-	800	\$494
OYSTERS, PACIFIC	34,800	\$7,308	-	-
TOTAL	34,800	7,308	800	494

PACIFIC COAST FISHERIES

2B7

SAN FRANCISCO DISTRICT OF CALIFORNIA OPERATING UNITS, 1962

ITEM	HAUL SEINES, COMMON	PURSE SEINES AND LAMPARA NETS		BEAM TRAWLS, SHRIMP	OTTER TRAWLS, FISH	POTS AND TRAPS	
		ANCHOVY	OTHER			CRAB	FISH
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS	4	6	B	14	90	272	-
ON BOATS AND SHORE	10	-	-	3	-	107	4
TOTAL	14	6	B	17	90	379	4
VESSELS, MOTOR	1	2	2	4	22	121	-
GROSS TONNAGE	11	23	27	82	929	1,860	-
BOATS, MOTOR	5	-	-	1	-	71	2
GEAR:							
NUMBER	6	2	2	5	22	15,185	100
LENGTH, YARDS	1,000	500	400	-	-	-	-
YARDS AT MOUTH	-	-	-	35	594	-	-

ITEM	GILL NETS, DRIFT, SEA BASS	LINES					
		HAND			TROLL		
		ALBACORE	ROCKFISH	OTHER	SALMON	ALBACORE	OTHER
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	
FISHERMEN:							
ON VESSELS	2	8	2	6	921	256	4
ON BOATS AND SHORE	4	-	6	12	553	10	2
TOTAL	6	8	B	18	1,474	266	6
VESSELS, MOTOR	1	3	1	2	397	98	2
GROSS TONNAGE	17	90	13	22	7,006	2,296	29
BOATS, MOTOR	2	-	3	6	316	5	1
GEAR:							
NUMBER	3	8	B	18	4,278	927	27
SQUARE YARDS	10,700	-	-	-	-	-	-
HOOKS	-	6	16	36	17,112	927	27

ITEM	LINES-CONTINUED LONG OR SET	HARPOONS, WHALE	DREDGES, OYSTER, COMMON	TONGS		DIVING OUTFITS, ABALONE	TOTAL, EXCLUSIVE OF DUPLICATION
				OYSTER	OTHER		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS	4	26	-	-	-	-	1,212
ON BOATS AND SHORE	2	-	2	6	2	14	560
TOTAL	6	26	2	6	2	14	1,772
VESSELS, MOTOR	2	5	-	-	-	-	490
GROSS TONNAGE	25	972	-	-	-	-	10,301
BOATS, MOTOR	1	-	1	6	1	7	320
GEAR:							
NUMBER	30	5	1	6	2	7	-
YARDS AT MOUTH	-	-	1	-	-	-	-
HOOKS	3,000	-	-	-	-	-	-

NOTE:--INCLUDES OPERATING UNITS IN THE SACRAMENTO AREA CONSISTING OF FISH TRAPS AND HAUL SEINES.

PACIFIC COAST FISHERIES

SAN FRANCISCO DISTRICT OF CALIFORNIA - CATCH BY GEAR, 1962

SPECIES	HAUL SEINES		PURSE SEINES AND LAMPARA NETS		BEAM TRAWLS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ANCHOVIES	-	-	11,400	\$488	-	-
CARP	192,600	\$9,456	-	-	-	-
HARDHEAD	128,200	25,646	-	-	-	-
HERRING, SEA	812,100	7,065	-	-	-	-
MACKEREL, JACK	-	-	4,200	284	-	-
PERCH	20,700	2,842	-	-	-	-
SARDINE	-	-	100	6	-	-
SMELT	22,200	3,100	44,000	6,145	-	-
WHITESAIT	-	-	21,700	2,746	-	-
SHRIMP:						
BAY	-	-	-	-	1,100	\$140
OCEAN	-	-	-	-	245,200	26,978
TOTAL	1,175,800	48,109	81,400	9,669	246,300	27,118

SPECIES	OTTER TRAWLS		POTS AND TRAPS		GILL NETS		LINES	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CABZONE	-	-	-	-	-	-	100	\$3
CARP	-	-	28,400	\$1,395	-	-	-	-
FLOUNDER:								
ARROWTOOTH HALIBUT	7,300	\$280	-	-	-	-	-	-
CALIFORNIA HALIBUT	60,100	12,927	-	-	-	-	13,900	2,994
SAND DABS	392,900	26,562	-	-	-	-	-	-
"SOLE":								
DOVER	1,459,100	79,080	-	-	-	-	-	-
ENGLISH	2,204,400	158,715	-	-	-	-	100	8
PETRALE	908,500	113,375	-	-	-	-	-	-
REX	491,500	32,880	-	-	-	-	-	-
SAND	140,900	14,346	-	-	-	-	-	-
UNCLASSIFIED	19,300	492	-	-	-	-	3,100	79
OTHER	147,300	7,787	-	-	-	-	400	24
HAKE	74,300	1,218	-	-	-	-	-	-
KING CROAKER	-	-	-	-	4,200	\$297	-	-
LINGCOD	259,500	19,874	-	-	-	-	42,500	3,256
PERCH	700	98	-	-	-	-	-	-
ROCKFISHES	1,905,400	99,311	-	-	-	-	83,800	5,028
SABLEFISH	891,000	27,710	-	-	-	-	-	-
SALMON:								
CHINOOK OR KING	100	50	-	-	-	-	2,041,600	1,304,978
SILVER OR COHO	-	-	-	-	-	-	9,300	3,720
SEA BASS, WHITE	-	-	-	-	11,600	3,760	-	-
SHARKS, UNCLASSIFIED	44,700	1,699	-	-	113,800	4,445	-	-
SKATES	97,300	1,138	-	-	-	-	-	-
SPLITTAIL	-	-	-	-	-	-	1,600	433
TUNA, ALBACORE	-	-	-	-	-	-	1,504,600	205,222
TURBOT	69,800	3,949	-	-	-	-	-	-
UNCLASSIFIED:								
FOR FOOD	3,800	102	-	-	-	-	300	9
BAIT AND ANIMAL FOOD	79,100	1,581	-	-	-	-	-	-
CRABS:								
DUNGENESS	9,000	2,250	1,340,200	415,717	-	-	-	-
ROCK	-	-	200	12	-	-	-	-
OCTOPUS	10,700	397	-	-	400	16	-	-
TOTAL	9,276,700	605,821	1,368,800	417,124	130,000	8,518	3,701,300	1,525,754

SPECIES	HARPOONS		DREDGES		TONGS		DIVING OUTFITS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ABALONE	-	-	-	-	-	-	-	-
MUSSELS	-	-	-	-	3,800	\$381	5,100	\$4,489
OYSTERS:								
EASTERN	-	-	-	-	13,300	4,717	-	-
PACIFIC	-	-	5,100	\$4,080	42,000	36,809	-	-
WHALE PRODUCTS:								
MEAL	2,871,600	\$160,440	-	-	-	-	-	-
MEAT	4,300,200	366,824	-	-	-	-	-	-
OIL:								
SPERM	531,700	57,060	-	-	-	-	-	-
WHALE	2,033,300	120,350	-	-	-	-	-	-
TOTAL	9,736,800	704,674	5,100	4,080	59,100	41,907	5,100	4,489

PACIFIC COAST FISHERIES

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MONTEREY DISTRICT OF CALIFORNIA - OPERATING UNITS, 1962

ITEM	PURSE SEINES AND LAMPARA NETS				OTTER TRAWLS, FISH
	ANCHOVY	MACKEREL AND SARDINE	SQUID	OTHER	
FISHERMEN:					
ON VESSELS	15	81	65	12	27
ON BOATS AND SHORE	15	9	6	6	3
TOTAL	30	90	71	18	30
VESSLS, MOTOR	4	12	15	3	6
GROSS TONNAGE	53	748	304	44	328
BOATS, MOTOR	5	8	5	2	1
GEAR:					
NUMBER	9	15	17	5	7
LENGTH, YARDS	2,600	6,000	5,350	1,300	-
YARDS AT MOUTH	-	-	-	-	182

ITEM	POTS AND TRAPS		GILL NETS, DRIFT	LINES	
	CRAB	SHRIMP		HAND	
				ALBACORE	ROCKFISH
FISHERMEN:					
ON VESSELS	14	-	5	23	17
ON BOATS AND SHORE	8	4	20	2	25
TOTAL	22	4	25	25	42
VESSLS, MOTOR	5	-	1	9	8
GROSS TONNAGE	101	-	11	205	107
BOATS, MOTOR	5	2	10	1	16
GEAR:					
NUMBER	760	36	11	25	42
SQUARE YARDS	-	-	28,500	-	-
HOOKS	-	-	-	25	84

ITEM	LINES - CONTINUED				
	HAND-CONTINUED		TROLL		LONG OR SET WITH HOOKS
	OTHER	SALMON	ALBACORE	OTHER	
FISHERMEN:					
ON VESSELS	20	361	303	3	4
ON BOATS AND SHORE	88	244	26	15	8
TOTAL	108	605	329	18	12
VESSLS, MOTOR	8	149	118	1	2
GROSS TONNAGE	120	2,596	2,674	23	31
BOATS, MOTOR	58	139	17	9	4
GEAR:					
NUMBER	108	1,728	1,215	90	60
HOOKS	216	6,912	1,215	90	6,000

ITEM	DIP, BRAIL OR SCOOP NETS	SHOVELS, CLAM	DIVING OUTFITS, ABALONE	BY HAND, OYSTER	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS	4	-	-	-	656
ON BOATS AND SHORE	-	2	2	2	373
TOTAL	4	2	2	2	1,029
VESSLS, MOTOR	1	-	-	-	232
GROSS TONNAGE	33	-	-	-	5,281
BOATS, MOTOR	-	2	1	1	220
GEAR, NUMBER	4	2	1	-	-

PACIFIC COAST FISHERIES

MONTEREY DISTRICT OF CALIFORNIA - CATCH BY GEAR, 1962

SPECIES	PURSE SEINES AND LAMPARA NETS		OTTER TRAWLS		POTS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ANCHOVIES	1,188,100	\$23,861	-	-	-	-
FLOWNERS:						
SAND DABS	-	-	84,000	\$6,603	-	-
"SOLE":						
DOVER	-	-	57,900	2,888	-	-
ENGLISH	-	-	269,900	19,618	-	-
PETRALE	-	-	165,600	19,899	-	-
REX	-	-	102,500	5,239	-	-
UNCLASSIFIED	-	-	500	47	-	-
HAKE	-	-	1,600	34	-	-
HERRING, SEA	492,800	41,446	-	-	-	-
KING CROAKER	37,000	2,590	4,200	262	-	-
LINGCOD	-	-	18,700	1,670	-	-
MACKEREL:						
JACK	2,048,300	50,001	1,400	28	-	-
PACIFIC	3,000	104	-	-	-	-
PERCH	25,900	3,463	100	13	-	-
POMPANO	600	303	-	-	-	-
ROCKFISHES	-	-	2,151,800	116,556	-	-
SABLEFISH	-	-	183,100	9,647	-	-
SARDINE, PACIFIC	2,591,500	81,632	-	-	-	-
SHARKS, UNCLASSIFIED	-	-	10,100	505	-	-
SKATES	-	-	52,100	823	-	-
SMELT	21,600	1,629	-	-	-	-
TURBOT	-	-	100	4	-	-
WHITBAIT	23,700	3,238	-	-	-	-
UNCLASSIFIED, FOR ANIMAL FOOD	200	4	122,300	2,446	-	-
CRABS:						
DUNGENESS	-	-	-	-	12,300	\$4,089
ROCK	-	-	-	-	200	8
SHRIMP, OCEAN	-	-	-	-	700	420
OCTOPUS	-	-	100	7	-	-
SQUID	5,652,900	120,971	-	-	-	-
TOTAL	12,065,600	329,262	3,226,200	185,689	13,200	4,517

SPECIES	GILL NETS		LINES		DIP, BRAIL OR SCOOP NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BONITO	-	-	100	\$7	-	-
CABEZONE	-	-	1,900	148	-	-
FLOWNERS:						
CALIFORNIA HALIBUT	22,200	\$5,416	25,000	6,110	-	-
SAND DABS	-	-	43,900	3,139	-	-
"SOLE":						
PETRALE	-	-	1,000	120	-	-
UNCLASSIFIED	-	-	29,400	2,845	-	-
OTHER	-	-	38,500	3,769	-	-
HAKE	-	-	200	5	-	-
KING CROAKER	29,900	2,093	-	-	-	-
LINGCOD	-	-	62,700	6,425	-	-
MACKEREL, PACIFIC	-	-	-	-	3,300	\$113
ROCKFISHES	-	-	703,100	38,670	-	-
SABLEFISH	-	-	221,500	11,961	-	-
SALMON:						
CHINOOK OR KING	-	-	307,000	166,343	-	-
SILVER OR COHO	-	-	1,400	560	-	-
SEA BASS, WHITE	2,000	677	400	140	-	-
SHARKS, UNCLASSIFIED	50,400	2,580	-	-	-	-
SKATES	20,000	315	3,600	57	-	-
TUNA, ALBACORE	-	-	2,685,600	386,190	-	-
TOTAL	124,500	11,061	4,145,300	648,509	3,300	113

SPECIES	SHOVELS		DIVING OUTFITS		BY HAND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ABALONE	-	-	100	\$125	-	-
CLAMS, HARD	200	\$71	-	-	-	-
OYSTERS, PACIFIC	-	-	-	-	3,600	\$633
TOTAL	200	71	100	125	3,600	633

PACIFIC COAST FISHERIES

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SANTA BARBARA DISTRICT OF CALIFORNIA OPERATING UNITS, 1962

ITEM	PURSE SEINES AND LAMPARA NETS				OTTER TRAWLS, FISH	POTS AND TRAPS CRAB
	ANCHOVY	MACKEREL AND SARDINE	SQUID	OTHER		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS	-	108	28	-	63	5
ON BOATS AND SHORE	3	9	6	3	6	2
TOTAL	3	117	34	3	69	7
VESSELS, MOTOR	-	14	8	-	15	2
GROSS TONNAGE	-	1,013	174	-	522	28
BOATS, MOTOR	1	13	3	1	2	1
GEAR:						
NUMBER	1	17	10	1	17	240
LENGTH, YARDS	250	7,950	3,280	250	-	-
YARDS AT MOUTH	-	-	-	-	445	-

ITEM	POTS AND TRAPS-CONT'D	GILL NETS, DRIFT			TRAMMEL NETS	LINES HAND ALBACORE
		LOBSTER	BARRACUDA	SEA BASS			OTHER
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS	23	-	25	3	5	47
ON BOATS AND SHORE	45	20	14	2	4	12
TOTAL	68	20	39	5	9	59
VESSELS, MOTOR	9	-	9	1	1	19
GROSS TONNAGE	153	-	134	17	8	414
BOATS, MOTOR	29	10	7	1	2	6
GEAR:						
NUMBER	2,600	10	16	2	3	59
SQUARE YARDS	-	25,000	48,400	6,000	16,500	-
HOOKS	-	-	-	-	-	59

ITEM	LINES - CONTINUED					LONG OR SET WITH HOOKS
	HAND - CONTINUED		TROLL			
	ROCK FISH	OTHER	SALMON	ALBACORE	OTHER	NUMBER
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS	10	23	115	255	6	6
ON BOATS AND SHORE	16	55	90	30	4	10
TOTAL	26	78	205	285	10	16
VESSELS, MOTOR	5	9	47	96	3	3
GROSS TONNAGE	59	131	868	2,342	27	43
BOATS, MOTOR	10	36	50	15	2	5
GEAR:						
NUMBER	26	77	582	999	45	80
HOOKS	52	154	2,328	999	45	8,000

ITEM	DIP, BRAIL OR SCOOP NETS	HARPOONS, SWORDFISH	TONGS, OYSTER	DIVING OUTFITS, ABALONE	BY HAND, OYSTER	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS	5	3	-	11	-	607
ON BOATS AND SHORE	16	2	10	196	10	383
TOTAL	21	5	10	207	10	990
VESSELS, MOTOR	2	1	-	5	-	198
GROSS TONNAGE	39	26	-	329	-	5,442
BOATS, MOTOR	8	1	10	98	10	229
GEAR, NUMBER	21	2	10	103	-	-

PACIFIC COAST FISHERIES

SANTA BARBARA DISTRICT OF CALIFORNIA - CATCH BY GEAR, 1962

SPECIES	PURSE SEINES AND LAMPARA NETS		OTTER TRAWLS		POTS AND TRAPS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ANCHOVIES	29,900	\$1,427	-	-	-	-
BONITO	7,900	307	-	-	-	-
FLOUNDERS:						
CALIFORNIA HALIBUT	-	-	112,700	\$25,921	-	-
SAND DABS	-	-	300	20	-	-
"SOLE":						
DOVER	-	-	196,800	11,807	-	-
ENGLISH	-	-	553,200	36,618	-	-
PETRALE	-	-	632,600	74,015	-	-
REX	-	-	264,300	16,703	-	-
SAND	-	-	1,800	218	-	-
UNCLASSIFIED	-	-	800	56	-	-
OTHER	-	-	200	11	-	-
HERRING	500	48	-	-	-	-
KING CROAKER	-	-	3,500	235	-	-
LINGCOD	-	-	71,800	4,994	-	-
MACKEREL:						
JACK	9,570,000	173,218	-	-	-	-
PACIFIC	4,800,000	84,960	-	-	-	-
PERCH	-	-	200	37	-	-
POMPANO	-	-	300	49	-	-
ROCKFISHES	-	-	1,780,600	96,628	-	-
SABLEFISH	-	-	21,500	963	-	-
SARDINE, PACIFIC	2,175,300	76,093	-	-	-	-
SHARKS, UNCLASSIFIED	-	-	2,300	204	-	-
SKATES	-	-	400	24	-	-
SMELT	300	12	-	-	-	-
TURBOT	-	-	7,000	411	-	-
UNCLASSIFIED:						
FOR FOOD	200	14	-	-	-	-
BAIT AND ANIMAL FOOD	-	-	1,327,900	26,558	-	-
CRABS:						
DUNGENESE	-	-	400	148	9,300	\$3,454
ROCK	-	-	100	7	129,600	9,356
LOBSTERS, SPINY	-	-	-	-	119,800	61,311
SHRIMP	-	-	2,600	656	-	-
OCTOPUS	-	-	500	60	-	-
SQUID	1,954,400	21,694	-	-	-	-
TOTAL	16,536,500	359,773	4,961,800	296,363	256,700	94,121

SPECIES	GILL AND TRAMMEL NETS		LINES		DIP, BRAIL OR SCOOP NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BARRACUDA	46,000	\$7,367	1,700	\$261	-	-
CABEZONE	-	-	400	24	-	-
FLOUNDERS:						
CALIFORNIA HALIBUT	-	-	36,400	6,423	-	-
"SOLE":						
ENGLISH	-	-	300	21	-	-
PETRALE	-	-	100	12	-	-
UNCLASSIFIED	-	-	1,500	111	-	-
OTHER	-	-	100	6	-	-
LINGCOD	-	-	13,800	966	-	-
MACKEREL:						
JACK	-	-	-	-	2,000	\$36
PACIFIC	-	-	-	-	60,900	1,076
PERCH	15,600	3,000	-	-	-	-
ROCKFISHES	-	-	240,600	13,065	-	-
SALMON:						
CHINOOK OR KING	-	-	108,300	72,445	-	-
SILVER OR COHO	-	-	400	160	-	-
SEA BASS:						
BLACK	-	-	1,400	163	-	-
WHITE	37,300	14,055	2,000	760	-	-
SHARKS, UNCLASSIFIED	110,000	9,770	6,500	577	-	-
SHEEPSHEAD	-	-	400	27	-	-
TUNA, ALBACORE	-	-	984,300	135,731	-	-
YELLOWTAIL	-	-	100	16	-	-
UNCLASSIFIED, FOR FOOD	300	20	200	14	-	-
OCTOPUS	100	13	-	-	-	-
TOTAL	211,300	34,225	1,396,500	232,782	62,900	1,114

SPECIES	HARPOONS		TONGS AND BY HAND		DIVING OUTFITS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
SWORDFISH	500	\$270	-	-	-	-
ABALONE	-	-	-	-	561,500	\$435,017
OYSTERS, PACIFIC	-	-	127,500	\$21,253	-	-
TOTAL	500	270	127,500	21,253	561,500	435,017

PACIFIC COAST FISHERIES

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SAN PEDRO DISTRICT OF CALIFORNIA - OPERATING UNITS, 1962

ITEM	PURSE SEINES AND LAMPARA NETS				
	ANCHOVY	MACKEREL AND SARDINE	TUNA	OTHER	SQUID
FISHERMEN:					
ON VESSELS	21	654	1,482	-	26
ON BOATS AND SHORE	3	9	24	9	3
TOTAL	24	663	1,506	9	31
VESSELS, MOTOR	4	81	127	-	7
GROSS TONNAGE	88	6,016	33,666	-	185
BOATS, MOTOR	1	54	235	3	2
GEAR:					
NUMBER	5	84	135	3	8
LENGTH, YARDS	1,850	42,200	98,890	750	2,950

ITEM	POTS, LOBSTER	GILL NETS, DRIFT			TRAMMEL NETS
		BARRACUDA	SEA BASS	OTHER	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS	60	8	50	19	9
ON BOATS AND SHORE	112	32	20	-	4
TOTAL	172	40	70	19	13
VESSELS, MOTOR	24	4	18	6	3
GROSS TONNAGE	712	89	287	96	40
BOATS, MOTOR	74	16	10	-	2
GEAR:					
NUMBER	6,600	20	28	6	5
SQUARE YARDS	-	53,400	86,800	20,800	28,500

ITEM	LINES					
	HAND				TROLL	
	ALBACORE	ROCKFISH	YELLOWFIN	OTHER	SALMON	ALBACORE
FISHERMEN:						
ON VESSELS	506	41	197	53	29	651
ON BOATS AND SHORE	45	64	15	24	4	136
TOTAL	551	105	212	77	33	787
VESSELS, MOTOR	163	15	26	19	10	252
GROSS TONNAGE	4,734	385	2,693	512	267	6,008
BOATS, MOTOR	43	32	21	12	2	68
GEAR:						
NUMBER	541	105	187	76	72	2,880
HOOKS	541	210	187	152	268	2,880

ITEM	LINES - CONTINUED		DIP, BRAIL OR SCOOP NETS	HARPOONS, SWORDFISH	DIVING OUTFITS, ABALONE	TOTAL, EXCLUSIVE OF DUPLI- CATION
	TROLL- CONTINUED	LONG OR SET WITH HOOKS				
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS	3	33	49	9	12	3,077
ON BOATS AND SHORE	4	20	24	36	84	460
TOTAL	7	53	73	45	96	3,537
VESSELS, MOTOR	1	13	19	4	6	619
GROSS TONNAGE	14	239	430	70	78	48,946
BOATS, MOTOR	2	10	12	18	42	526
GEAR:						
NUMBER	27	230	73	22	48	-
HOOKS	27	23,000	-	-	-	-

PACIFIC COAST FISHERIES

SAN PEDRO DISTRICT OF CALIFORNIA - CATCH BY GEAR, 1962

SPECIES	PURSE SEINES AND LAMPARA NETS		POTS		GILL AND TRAMMEL NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ANCHOVIES	1,534,300	\$24,242	-	-	-	-
BARRACUDA	-	-	-	-	577,600	\$84,965
BONITO	1,624,000	46,264	-	-	-	-
FLOUNDERS, CALIFORNIA HALIBUT	-	-	-	-	104,000	25,918
FLYING FISH	3,600	362	-	-	8,600	864
HALFMOON	-	-	-	-	2,200	489
HERRING, SEA	100	8	-	-	-	-
KING CROAKER	185,000	5,883	-	-	420,300	13,389
MACKEREL:						
JACK	78,352,600	1,645,407	-	-	-	-
PACIFIC	43,487,700	934,993	-	-	300	6
PERCH	-	-	-	-	13,000	2,337
POMFANO	25,000	8,400	-	-	-	-
SAROINE, PACIFIC	10,596,100	330,598	-	-	-	-
SEA BASS:						
BLACK	-	-	-	-	366,000	59,782
WHITE	-	-	-	-	344,000	105,684
SHARKS, UNCLASSIFIED	-	-	-	-	260,100	31,212
SMELT	28,000	786	-	-	14,300	404
TUNA:						
ALBACORE	729,900	123,065	-	-	-	-
BLUEFIN	29,949,000	4,204,834	-	-	-	-
SKIPJACK	65,561,900	8,398,481	-	-	-	-
YELLOWFIN	91,971,300	13,924,448	-	-	-	-
YELLOWTAIL	102,300	9,170	-	-	-	-
CRABS, ROCK	-	-	63,700	\$6,904	-	-
LOBSTERS, SPINY	-	-	252,200	175,373	-	-
OCTOPUS	-	-	-	-	100	18
SQUID	1,755,600	24,754	-	-	-	-
TOTAL	325,909,600	29,681,715	315,900	182,277	2,110,500	325,068

SPECIES	LINES		OIL, BRAIL OR SCOOP NETS		HARPOONS		DIVING OUTFITS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BARRACUDA	64,000	\$9,415	-	-	-	-	-	-
BONITO	369,400	10,527	-	-	-	-	-	-
CABRILLA	25,500	3,909	-	-	-	-	-	-
FLOUNDERS:								
CALIFORNIA HALIBUT	210,000	52,500	-	-	-	-	-	-
SAND DABS	700	144	-	-	-	-	-	-
"SOLE":								
ENGLISH	100	5	-	-	-	-	-	-
PETRALE	400	40	-	-	-	-	-	-
UNCLASSIFIED	1,700	214	-	-	-	-	-	-
FLYING FISH	-	-	2,200	\$221	-	-	-	-
GROUPERS	290,600	59,808	-	-	-	-	-	-
HALFMOON	4,300	989	-	-	-	-	-	-
LINGCOD	700	70	-	-	-	-	-	-
MACKEREL:								
JACK	100	10	-	-	-	-	-	-
PACIFIC	3,300	66	179,600	3,861	-	-	-	-
OPALEYE	1,300	152	-	-	-	-	-	-
POMFANO	7,100	2,345	-	-	-	-	-	-
ROCK BASS	1,500	305	-	-	-	-	-	-
ROCKFISHES	559,000	66,601	-	-	-	-	-	-
SABLEFISH	1,100	127	-	-	-	-	-	-
SALMON, CHINOOK OR KING	11,300	6,025	-	-	-	-	-	-
SCULPIN	12,000	4,064	-	-	-	-	-	-
SEA BASS:								
BLACK	27,500	4,675	-	-	-	-	-	-
WHITE	10,400	3,224	-	-	-	-	-	-
SHARKS, UNCLASSIFIED	33,000	5,470	-	-	-	-	-	-
SHEEPSHEAD	7,000	490	-	-	-	-	-	-
SKATES	100	9	-	-	-	-	-	-
SWORDFISH	3,000	1,560	-	-	26,200	\$13,757	-	-
TUNA:								
ALBACORE	18,639,800	3,142,670	-	-	-	-	-	-
SKIPJACK	3,747,900	480,106	-	-	-	-	-	-
YELLOWFIN	9,567,000	1,448,444	-	-	-	-	-	-
TURBOT	100	5	-	-	-	-	-	-
WAHOO	22,500	7,668	-	-	-	-	-	-
YELLOWTAIL	25,500	2,295	-	-	-	-	-	-
UNCLASSIFIED, FOR FOOD	12,000	903	-	-	-	-	-	-
ABALONE	-	-	-	-	-	-	212,800	\$124,990
TOTAL	33,662,900	5,314,635	181,800	4,082	26,200	13,757	212,800	124,990

PACIFIC COAST FISHERIES

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SAN DIEGO DISTRICT OF CALIFORNIA - OPERATING UNITS, 1962

ITEM	PURSE SEINES AND LAMPARA NETS			
	ANCHOVY	MACKEREL AND SARDINE	TUNA	OTHER
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN: ON VESSELS	3	8	187	-
ON BOATS AND SHORE	-	-	9	3
TOTAL	3	8	196	3
VESSELS, MOTOR	1	2	15	-
GROSS TONNAGE	25	49	4,730	-
BOATS, MOTOR	-	-	32	1
GEAR: NUMBER	1	2	18	1
LENGTH, YARDS	400	800	12,450	250

ITEM	POTS, LOBSTER	GILL NETS, DRIFT		LINES	
		BARRACUDA	SEA BASS	HAND	
				ALBACORE	ROCKFISH
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN: ON VESSELS	20	5	24	510	10
ON BOATS AND SHORE	89	8	44	50	33
TOTAL	109	13	68	560	43
VESSELS, MOTOR	8	2	8	157	4
GROSS TONNAGE	258	46	143	5,076	50
BOATS, MOTOR	59	4	22	46	22
GEAR: NUMBER	4,460	6	30	545	43
SQUARE YARDS	-	16,700	82,700	-	-
HOOKS	-	-	-	545	86

ITEM	LINES - CONTINUED				
	HAND - CONTINUED		TROLL		LONG OR SET WITH HOOKS
	YELLOWFIN	OTHER	ALBACORE	OTHER	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN: ON VESSELS	206	21	348	3	2
ON BOATS AND SHORE	26	18	125	-	36
TOTAL	232	39	473	3	38
VESSELS, MOTOR	23	9	135	1	1
GROSS TONNAGE	4,003	171	3,105	14	10
BOATS, MOTOR	29	11	83	-	18
GEAR: NUMBER	207	39	1,962	9	154
HOOKS	207	78	1,962	9	15,400

ITEM	DIP, BRAIL OR SCOOP NETS	HARPOONS, SWORFISH	SHOVELS, CLAM	DIVING OUTFITS, ABALONE	TOTAL, EXCLUSIVE OF DUPLI- CATION
FISHERMEN: ON VESSELS	-	3	-	8	1,122
ON BOATS AND SHORE	2	6	6	34	399
TOTAL	2	9	6	42	1,521
VESSELS, MOTOR	-	1	-	4	311
GROSS TONNAGE	-	30	-	54	14,662
BOATS, MOTOR	1	3	-	17	278
GEAR, NUMBER	2	4	6	21	-

PACIFIC COAST FISHERIES

SAN DIEGO DISTRICT OF CALIFORNIA - CATCH BY GEAR, 1962

SPECIES	PURSE SEINES AND LAMPARA NETS		POTS		GILL NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ANCHOVIES	300	\$12	-	-	-	-
BARRACUDA	26,000	3,736	-	-	15,000	\$2,156
BONITO	133,500	5,647	-	-	-	-
FLOUNDERS, CALIFORNIA HALIBUT	-	-	-	-	51,000	12,342
HALFMOON	-	-	-	-	600	84
KING CROAKER	-	-	-	-	3,500	327
MACKEREL, PACIFIC	38,000	1,566	-	-	-	-
PERCH	-	-	-	-	1,800	251
SEA BASS, WHITE	-	-	-	-	150,000	43,500
SHARKS, UNCLASSIFIED	-	-	-	-	102,100	10,790
TUNA:						
ALBACORE	2,600	452	-	-	-	-
BLUEFIN	1,251,000	162,755	-	-	-	-
SKIPJACK	13,444,000	1,747,720	-	-	-	-
YELLOWFIN	13,501,400	2,025,210	-	-	-	-
YELLOWTAIL	49,500	3,631	-	-	-	-
CRABS, ROCK	-	-	3,100	\$115	-	-
LOBSTER, SPINY	-	-	145,000	97,231	-	-
SQUID	5,200	210	-	-	-	-
TOTAL	28,451,500	3,950,939	148,100	97,346	324,000	69,450

SPECIES	LINES		DIP, BRAIL OR SCOOP NETS		HARPOONS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BARRACUDA	14,100	\$2,026	-	-	-	-
CABRILLA	400	60	-	-	-	-
FLOUNDERS:						
CALIFORNIA HALIBUT	227,800	55,177	-	-	-	-
"SOLE", UNCLASSIFIED	9,600	2,373	-	-	-	-
GROUPERS	20,500	4,452	-	-	-	-
HAKE	200	25	-	-	-	-
HALFMOON	1,500	213	-	-	-	-
MACKEREL, PACIFIC	-	-	2,700	\$216	-	-
OPALEYE	400	30	-	-	-	-
ROCKFISHES	416,900	47,356	-	-	-	-
SABLEFISH	200	9	-	-	-	-
SCULPIN	45,900	12,759	-	-	-	-
SEA BASS:						
BLACK	51,300	8,252	-	-	-	-
WHITE	16,700	4,973	-	-	-	-
SHARKS, UNCLASSIFIED	20,000	2,200	-	-	-	-
SHEEPSHEAD	12,900	1,183	-	-	-	-
SIERRA	100	3	-	-	-	-
SWORDFISH	1,000	515	-	-	8,400	\$4,329
TUNA:						
ALBACORE	10,699,000	1,858,408	-	-	-	-
SKIPJACK	9,967,200	1,295,739	-	-	-	-
YELLOWFIN	8,981,100	1,353,910	-	-	-	-
WAHOO	1,000	156	-	-	-	-
YELLOWTAIL	11,000	860	-	-	-	-
UNCLASSIFIED, FOR FOOD	5,300	418	-	-	-	-
TOTAL	30,504,100	4,651,117	2,700	216	8,400	4,329

SPECIES	SHOVELS		DIVING OUTFITS	
	POUNDS	VALUE	POUNDS	VALUE
ABALONE	-	-	57,300	\$28,828
CLAMS	1,100	\$1,856	-	-
TOTAL	1,100	1,856	57,300	28,828

PACIFIC COAST FISHERIES

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LANDINGS BY HALIBUT FLEET AT SEATTLE, WASHINGTON

The 1962 landings of halibut at Seattle totaled 10 million pounds valued at \$3.2 million. This was a decline of 2.6 million pounds or 21 percent but an increase of \$263,000 or 9 percent compared with the previous year. The ex-vessel prices paid for halibut at Seattle in 1962, were the highest since 1958.

Halibut landings from fishing grounds west of Cape Spencer totaled 8 million pounds--a decrease of 1.2 million compared with 1961. Landings of sablefish in 1962 from grounds south of Cape Spencer (1.4 million pounds) were about the same as in the previous year.

The following tables contain a summary of the landings of dressed halibut at Seattle by the U.S. halibut fleet. These data are not directly comparable with the State and sectional tabulations, since the weights in those tables represent the round weight of fish landed.

LANDINGS BY THE HALIBUT FLEET AT SEATTLE, BY FISHING GROUNDS, 1962

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

FISHING GROUNDS	TRIPS	HALIBUT (DRESSED)					
		CHICKEN		MEDIUM		LARGE	
		NUMBER	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
WEST OF CAPE SPENCER	134	84	20	5,304	1,668	2,304	833
SOUTH OF CAPE SPENCER	180	208	57	1,313	432	295	107
TOTAL	314	292	77	6,617	2,100	2,599	940

FISHING GROUNDS	HALIBUT (DRESSED)-CONTINUED				SABLEFISH		TOTAL	
	NO. 2 MEDIUM		NO. 2 LARGE		QUANTITY	VALUE	QUANTITY	VALUE
	QUANTITY	VALUE	QUANTITY	VALUE				
WEST OF CAPE SPENCER	351	99	45	15	3	1	8,091	2,636
SOUTH OF CAPE SPENCER	56	16	7	2	1,356	317	3,235	931
TOTAL	407	115	52	17	1,359	318	11,326	3,567

SEE NOTE AT END OF NEXT TABLE.

LANDINGS BY THE HALIBUT FLEET AT SEATTLE, BY MONTHS, 1962

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

MONTHS	TRIPS	HALIBUT (DRESSED)					
		CHICKEN		MEDIUM		LARGE	
		NUMBER	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
APRIL	27	29	5	1,637	502	93	32
MAY	43	40	9	1,487	438	636	219
JUNE	46	96	27	1,073	347	530	190
JULY	26	37	10	559	188	335	125
AUGUST	58	55	16	1,368	462	762	286
SEPTEMBER	53	31	9	310	103	124	45
OCTOBER	50	3	1	168	55	118	43
NOVEMBER	11	1	(1)	15	5	1	(1)
TOTAL	314	292	77	6,617	2,100	2,599	940

MONTHS	HALIBUT (DRESSED)-CONTINUED				SABLEFISH		TOTAL	
	NO. 2 MEDIUM		NO. 2 LARGE		QUANTITY	VALUE	QUANTITY	VALUE
	QUANTITY	VALUE	QUANTITY	VALUE				
APRIL	77	21	1	(1)	-	-	1,837	560
MAY	65	17	6	2	16	5	2,250	688
JUNE	56	15	9	3	25	6	1,789	587
JULY	39	12	8	3	28	6	1,006	344
AUGUST	107	32	16	5	120	29	2,428	830
SEPTEMBER	16	5	3	1	610	142	1,094	305
OCTOBER	47	13	9	3	411	96	756	211
NOVEMBER	(1)	(1)	-	-	149	37	166	42
TOTAL	407	115	52	17	1,359	318	11,326	3,567

1/ LESS THAN 500 POUNDS OR \$500.

NOTE.--THE 1962 PACIFIC HALIBUT FISHING SEASON OPENED ON MARCH 26, IN AREA 3B (NORTH) AND CLOSED ON OCTOBER 15. AREA 3B (SOUTH) OPENED TO HALIBUT FISHING ON APRIL 19, AND CLOSED ON SEPTEMBER 30. AREAS 1 AND 2 OPENED TO HALIBUT FISHING ON MAY 9 AND CLOSED ON SEPTEMBER 8. AREA 3A OPENED TO HALIBUT FISHING ON MAY 9, AND CLOSED ON AUGUST 11.

PACIFIC COAST FISHERIES

WHALING

In 1962, the catch of whales totaled 248--95 less than in the previous year. Fin whales, the most valuable, were taken in the greatest volume--124 compared with 118 in 1961. The local stock of humpback has been greatly reduced in recent years and the 1962 catch of 39 was 25 less than in 1961, 101 less than in 1959, and the lowest take since the fishery was reactivated in 1956. The 60 sperm whales captured were considerably less than the 1961 catch of 104. Sei whales were scarcer than usual and the catch dropped from 51 in 1961 to 22 in 1962.

The 1962 whale catch was processed into 2.9 million pounds of meal, 2.6 million pounds of oil, and 4.3 million pounds of meat (for use as canned or frozen animal food). These products were valued at \$706,000 to the producer. Compared with 1961, this was a decrease of 17 percent in both volume and value. The decline in value would have been greater except for the increased take of fin whales, economically the most important species.

During the 1962 season, three whaling stations operated--the same as in 1961. The three companies were the Del Monte and the Golden Gate Fishing Companies of Richmond, Calif., and Bioproducts, Inc., of Warrenton, Oreg. The California stations operated the same five catcher boats as in the previous year--Lynnann and Sioux City for the Golden Gate Fishing Company and the Dennis Gayle, Donna Mae, and Allen Cody for the Del Monte Company. At the Oregon station, the Shiela replaced the catcher boat used in 1961.

Plant capacity was increased by installation of a second prebreaker which shortened the time necessary to flense whales. This assisted in preventing the placing of limits on catcher boats, when whales were numerous, because plants were unable to handle the catch.

The open season remained the same--April 1 to November 30, inclusive, for sperm whales and April 16 to October 15, inclusive, for other whales.

WHALE CATCH, 1962

MONTH	BLUE	BOTTLE- NOSE	FIN	HUMP- BACK	KILLER	SEI	SPERM	TOTAL
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
APRIL	-	-	-	7	-	-	24	31
MAY	-	-	15	23	1	-	5	44
JUNE	1	-	17	4	-	-	3	25
JULY	-	-	50	-	-	3	1	54
AUGUST	-	-	30	-	-	6	8	44
SEPTEMBER	1	-	11	5	-	12	12	41
OCTOBER	-	-	1	-	-	1	7	9
TOTAL	2	-	124	39	1	22	60	248

NOTE:--THE OREGON FIRM TOOK A SINGLE FIN WHALE.

WHALE PRODUCTS, 1962

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

ITEM	QUANTITY	VALUE
MEAL	2,876	161
MEAT	4,313	368
OIL:		
SPERM	532	57
WHALE	2,035	120
TOTAL	9,756	706

NOTE:--TO CONVERT POUNDS OF OIL TO GALLONS, DIVIDE BY 7.5.

FUR SEAL INDUSTRY OF THE PRIBILOF ISLANDS

A total of 77,915 sealskins was harvested on the Pribilof Islands in 1962. The take included 53,460 male and 24,455 female sealskins. While the number of male skins harvested was far less than the 82,099 taken in 1961, it was larger than for any of the years from 1957 to 1960 when an average of 40,138 male skins were obtained. The history of the seal resource and a study of its population characteristics suggest that an annual production of about 60,000 male sealskins is a reasonable expectation. The improved abundance of the 1961 and 1962 seasons may result partly from a scientific management principle introduced in 1956 which involved reduction in herd size through the removal of female seals. During the years from 1956 to 1961, a total of 151,264 female skins was taken. Removal of these animals may permit better survival of young pups. For the preceding half century, female seals had been rigidly protected while the herd was being restored after a period of extreme depletion.

Age composition of the seals taken is now based on reading growth rings on the teeth of a random 10 percent sample of the kill. This was previously done by approximating ages from the total body length measurements on the field. Three-year-old males comprised 60 percent of the 1962 kill of male seals. The season for taking bachelor seals ran from July 2 to August 5, for a total of 35 days.

Although the primary purpose of taking females, since the practice was inaugurated in 1956, has been to remove an undesirable breeding surplus, increasing demand for the fur of this sex now makes the harvest justified economically as well as biologically. The commercial take of female skins totaled 10,274 mature and 14,181 immature females. The Fouke Fur Company's close sheared "Lakoda" skin has brought increasingly high prices--averaging \$44.33 per pelt at the spring auction. A special experiment revealed that the small skins of immature females produce fur of quality and value similar to that of equivalent sized bachelors.

Since there appears to be a correlation between pup mortality on the rookeries and their subsequent survival at sea, standardized counts of dead pups have been made each year. The calculated total for St. Paul Island was 47,573 in 1962 compared with 60,000 and 65,000 for the 2 preceding years, and an annual average of 75,000 for the years 1953-59. The very successful production of 1961 derived from a mortality of only 32,746 pups in 1958, while the satisfactory yield of 1962 was related to 41,962 pup deaths in 1959.

The reduction plant at St. Paul Island was abandoned in 1962 because of the poor market for fur seal meat and oil. An alternate use of fur seal carcasses as mink feed was experimented with and may prove profitable in future years.

CLASSES OF SEALS TAKEN ON THE PRIBILOF ISLANDS, BY AGE GROUP, 1962

ITEM	ST. PAUL ISLAND		ST. GEORGE ISLAND		TOTAL		GRAND TOTAL
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	
BY AGE:							
2-YEAR-OLDS	1,619	264	633	62	2,252	326	2,578
3-YEAR-OLDS	26,447	2,850	5,892	809	32,339	3,659	35,998
4-YEAR-OLDS	14,144	4,557	3,707	1,653	17,851	6,210	24,061
5-YEAR-OLDS	773	2,604	245	954	1,018	3,553	4,576
6-YEAR-OLDS	-	1,056	-	535	-	1,591	1,591
7-YEAR-OLDS	-	845	-	350	-	1,195	1,195
8-YEAR-OLDS	-	651	-	329	-	980	980
9-YEAR-OLDS	-	510	-	226	-	736	736
10-YEAR-OLDS AND OLDER	-	4,258	-	1,942	-	6,200	6,200
TOTAL COMMERCIAL SKINS	42,983	17,595	10,477	6,860	53,460	24,455	77,915

NOTE:--NUMBER IN EACH AGE CLASS WAS ESTIMATED ON THE BASIS OF TOOTH SAMPLES.

PACIFIC COAST FISHERIES

The fur seal treaty specifies that Canada and Japan are to receive 15 percent each of the skins taken on the Pribilof Islands. To insure an impartial selection of their respective 15 percent, Canada made a random choice of numbers 5, 9, and 17 and Japan 2, 8, and 16 out of each 20 barrels of sealskins. This resulted in the following allocation of skins to the United States, Canada, and Japan.

DISTRIBUTION OF TAKE OF SEALSKINS, 1962

ITEM	UNITED STATES	CANADA	JAPAN	TOTAL
	NUMBER	NUMBER	NUMBER	NUMBER
FROM ST. PAUL ISLAND:				
MALE SKINS.	30,087	6,448	6,448	42,983
FEMALE SKINS.	12,315	2,640	2,640	17,595
TOTAL SKINS.	42,402	9,088	9,088	60,578
FROM ST. GEORGE ISLAND:				
MALE SKINS.	7,335	1,571	1,571	10,477
FEMALE SKINS.	4,804	1,028	1,028	6,860
TOTAL SKINS.	12,139	2,599	2,599	17,337
FROM BOTH ISLANDS:				
MALE SKINS.	37,422	8,019	8,019	53,460
FEMALE SKINS.	17,119	3,668	3,668	24,455
GRAND TOTAL.	54,541	11,687	11,687	77,915



SALE OF SEALSKINS, 1962

Two public and two special sealskin auctions were held in St. Louis, Mo. in 1962. A total of 48,513 skins was sold for the account of the U. S. Government. Gross receipts from the four auctions yielded \$4,402,603. The offerings consisted of 36,847 conventionally processed skins which yielded \$3,903,927 and 11,666 female sealskins which sold for \$498,676. The latter include 10,426 "Lakoda" sheared skins which brought \$480,795; 1,211 "Natural" sheared skins which yielded \$14,601; and 29 "Finished" skins which sold for \$3,280. "Lakoda" sheared skins averaged \$46.11 compared with \$105.94 for conventionally processed skins.

DISTRIBUTION OF PRIBILOF ISLANDS RECEIPTS, FISCAL YEAR, 1962

ITEM	AMOUNT
COST OF HANDLING, DRESSING, DYEING, AND SELLING PRODUCTS	\$1,512,429
COST OF ADMINISTRATION OF THE ISLANDS.	1,967,789
PAYMENT TO THE STATE OF ALASKA	702,852
NET RECEIPTS TO THE U.S. GOVERNMENT.	32,810
TOTAL	4,215,880

SECTION 8 - GREAT LAKES FISHERIES

In 1962, United States and Canadian commercial fishermen, operating in the Great Lakes, Lake St. Clair, and the International Lakes of northern Minnesota, produced 123 million pounds of fish--nearly 3 million pounds more than in 1961.

Production in Canadian waters increased approximately 8 million pounds. This gain occurred in Lake Erie, where catches of smelt and yellow perch rose 6.5 and 3.5 million pounds, respectively. The Canadian catch in Lake Huron decreased more than 1 million pounds, due to smaller catches of whitefish and yellow perch. Increased landings of lake herring accounted for a gain in Canada's production in Lake Superior.

The commercial catch in U.S. waters of the Great Lakes and the International Lakes declined to the lowest level since 1928, with only about 65.6 million pounds taken--7 percent less than in 1961. Indicative of the increasing abundance of the lower priced species and the continued decline of the choicer, higher priced varieties, the catch brought to fishermen \$1.4 million less than in 1961--a decline of 22 percent.

Michigan was the largest producer with 22.1 million pounds, followed by Wisconsin, 19.1 million; Ohio, 15.2 million; Minnesota, 6 million; and Pennsylvania, 2.2 million pounds. Production in the New York, Illinois, and Indiana fisheries was relatively minor.

Lake Michigan yielded the largest catch with 23.5 million pounds, followed by Lake Erie, 19.7 million; and Lake Superior, 12.6 million pounds. Other Lakes contributing significantly to the catch were Lake Huron, 5.9 million pounds; and Lake of the Woods, 3.5 million pounds. The combined catches from Lake Ontario, Rainy Lake, and Namakan Lake were only 401,000 pounds.

Chubs, alewives, and yellow perch dominated catches in Lake Michigan, contributing 85 percent of the total production. Alewife catches have increased 48 percent since 1961, whereas chubs and yellow perch production declined 8 and 18 percent, respectively.

The catch in Lake Erie increased slightly. Carp, catfish, sheepshead, white bass, and yellow perch comprised 93 percent of the catch. Yellow perch landings were 7.5 million pounds--more than a twofold increase over the previous year. Carp (4.8 million pounds) and sheepshead (3.5 million pounds) were also important in the catch, while white bass (1.4 million pounds) and catfish (1.1 million pounds) contributed to a lesser degree. Sheepshead, white bass, and catfish production declined 39, 37, and 31 percent respectively. Yellow pike, once the mainstay of the fishery, continued to decline with only 433,000 pounds landed--46 percent less than in 1961.

Landings from Lake Huron were 1 million pounds (15 percent) less than in 1961. Yellow perch, chubs, and whitefish landings decreased 38, 28, and 29 percent, respectively. Slight increases were noted for carp and suckers.

Commercial landings in Lake Superior also declined. The 1962 catch, which was dominated by lake herring (9.9 million pounds) totaled 12.6 million pounds--2.1 million less than in 1961. Chubs and smelt each contributed about 1 million pounds to the catch, slightly less than in the previous year.

Catches in the International Lakes increased by about 6 percent, due mainly to larger landings of tullibee.



GREAT LAKES FISHERIES

All data appearing in the tables on operating units and catch were prepared from tabulations made on the Bureau's automatic data processing equipment at Ann Arbor, Mich. Beginning in 1962, changes have been made in the presentation of the operating unit data. Previously, figures for each gear (number and quantity) represented the maximum amount of each gear fished at any one time. As an aid to State and Federal biologists and industry, these data have been replaced with figures showing the total annual fishing effort expended in the operation of each gear. As a further aid to economic studies of these fisheries, the number of fishermen and craft has been presented in number of days of operation.

Fishermen and vessels. In 1962, 3,090 fishermen, 424 vessels of 5 net tons and over, and 1,327 other craft were employed in the commercial fisheries of this area. This was a decrease of 683 fishermen, 45 vessels and 153 other craft since 1961.

Lamprey invasion. The number of vessels operating in the Great Lakes area has shown a steady decline since 1950 which appears to be related to the invasion of the sea lamprey. By the early or mid-1950's, this parasite had become firmly established in all three upper Great Lakes, preying on the choice, high-valued lake trout and whitefish, and causing drastic reductions in their abundance. In some areas, this parasite also attacked stocks of suckers, yellow pike, and larger chubs. By the late 1950's, the lake trout was practically exterminated, and its principal food supply, the smaller chubs, began increasing in abundance. Also, large numbers of alewives began to appear in Lake Michigan, but unfortunately, this species has little market value and is considered a nuisance by many fishermen. The abundance of lake herring appears to drop sharply as alewives become more plentiful. The price per pound paid the fishermen has remained almost unchanged for a number of years. The economic condition of these fisheries is so poor that many fishermen have been forced to withdraw from the only occupation they know.

In Lake Superior, sea lamprey populations have been reduced more than 80 percent as a result of a chemical control program. Under the direction of the Great Lakes Fishery Commission, the Bureau of Commercial Fisheries and the Fisheries Research Board of Canada have released a selective toxicant in streams tributary to Lake Superior which destroys sea lamprey larvae. Fingerling lake trout have been released in the Lake in large numbers to hasten the rehabilitation of these stocks. Results of experimental fishing and contract commercial fishing give strong evidence of a rapid increase in the abundance of lake trout.

In 1962, the Commission also directed the Bureau to proceed with scheduled stream treatments along the Lake Michigan shore and, in cooperation with Canada, to conduct stream surveys in the Lake Huron area.

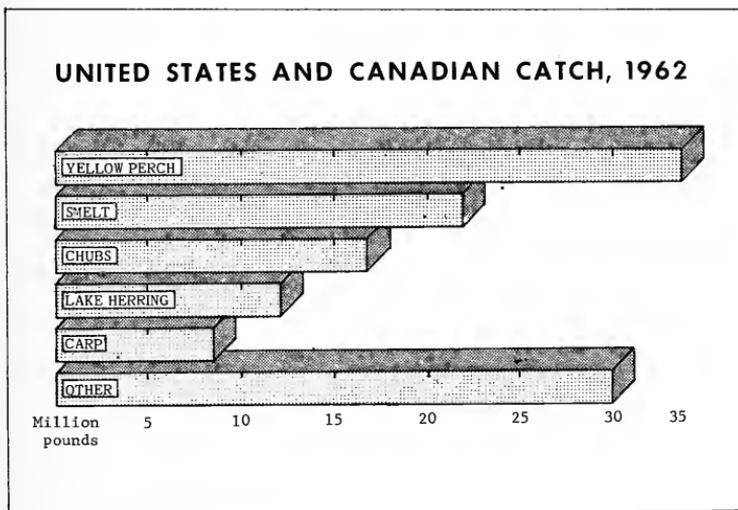
Research. To aid fishermen, the Bureau of Commercial Fisheries continued research on the control of the sea lamprey, restoration of lake trout stocks, capture and processing of the presently abundant underutilized species, and development of market outlets for the lower priced fish.

In 1962, the Bureau employed four vessels in fishery research in the Great Lakes, the Cisco, Kaho, Musky II, and the Siscowet. These were used to determine factors that influence the growth, distribution, and abundance of certain fish stocks, to examine environmental conditions, and to conduct exploratory fishing and gear research.

Trawling. The trawl fishery, still in its infancy, is proving to be an efficient method for capturing large quantities of fish with a minimum of time and effort. In 1962, 16 trawling rigs were operated--two in Lake Erie, 12 in Lake Michigan, and two in Lake of the Woods. Vessels operating this gear landed over 8 million pounds of fish and their combined catch-per-unit-effort was in excess of 800 pounds per hour. Nevertheless, due to the low price of the fish taken, the economic future of this type of fishing is not certain.

Further information. Condensed summary data on the catch of the Great Lakes fisheries appearing on the following pages have previously been published in Current Fishery Statistics No. 3325. Seasonal variations in the catch of fish landed in Wisconsin, Michigan, and Ohio can be ascertained from monthly landing bulletins issued currently in cooperation with the fishery department of those States. Additional specific data on many aspects of the Great Lakes fisheries may be found in the daily, monthly, and annual reports published by the Bureau's Chicago Fishery Market News Office.

Acknowledgements. Much of the data in this section were assembled and prepared for publication by the Bureau's Branch of Statistics from information collected by the following agencies: Dominion Bureau of Statistics of Canada; Illinois Department of Conservation; Indiana Department of Conservation, Division of Fish and Game; Michigan Department of Conservation; Minnesota Department of Conservation; New York Conservation Department, Division of Fish and Game; Ohio Department of Natural Resources, Division of Wildlife, Section of Fish Management; Pennsylvania Fish Commission; and the Wisconsin Conservation Department.



GREAT LAKES FISHERIES

SUMMARY OF UNITED STATES AND CANADIAN CATCH, 1962

(THOUSANDS OF POUNDS)

SPECIES	LAKE ONTARIO			LAKE ERIE			LAKE ST. CLAIR
	UNITED STATES	CANADA	TOTAL	UNITED STATES	CANADA	TOTAL	CANADA
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
BLUE PIKE	(1)	(1)	(1)	- 1	(1)	1	-
BOWFIN	3	6	9	-	278	278	49
BUFFALO FISH	(1)	-	(1)	48	-	48	-
BULLHEADS	49	181	230	120	54	174	21
BURBOT	1	(1)	1	2	-	2	-
CARP	39	248	287	4,763	161	4,924	306
CATFISH	2	22	24	1,126	176	1,302	86
CHUBS	-	(1)	(1)	-	-	-	-
CISCO	3	-	3	5	-	5	-
CRAPPIE	1	-	1	-	-	-	-
EELS, COMMON	24	125	149	-	(1)	(1)	-
GARFISH	1	-	1	-	-	-	-
GIZZARD SHAD	-	-	-	9	-	9	-
GOLDFISH	-	-	-	350	-	350	-
LAKE HERRING	-	27	27	-	2	2	-
LAKE TROUT	1	1	2	-	-	-	-
MUDNEYE OR GOLDEYE	-	-	-	1	-	1	-
PIKE OR PICKEREL	(1)	51	51	(1)	2	2	27
QUILLBACK	-	-	-	1	-	1	-
ROCK BASS	5	24	29	(1)	35	35	32
SAUGER	-	1	1	(1)	-	-	-
SHEEPSHEAD	(1)	18	18	3,524	1,037	4,561	19
SMELT	(1)	202	202	74	19,108	19,182	-
STURGEON	(1)	9	9	1	2	3	13
SUCKERS	16	65	81	261	63	324	116
SUNFISH	11	112	123	-	44	44	46
WHITE BASS	9	79	88	1,390	2,349	3,739	43
WHITEFISH:							
COMMON	27	355	382	3	10	13	-
MENOMINEE	-	(1)	-	(1)	-	(1)	-
WHITE PERCH	4	-	4	-	-	-	-
YELLOW PERCH	23	116	139	7,548	20,859	28,407	11
YELLOW PIKE	14	106	120	433	284	717	260
TOTAL	233	1,748	1,981	19,660	44,464	64,124	1,029

SPECIES	LAKE HURON			LAKE MICHIGAN	LAKE SUPERIOR		
	UNITED STATES	CANADA	TOTAL	UNITED STATES	UNITED STATES	CANADA	TOTAL
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
ALEWIVES	4	-	4	4,742	(1)	-	(1)
BOWFIN	2	-	2	(1)	-	-	-
BULLHEADS	10	(1)	10	42	-	-	-
BURBOT	(1)	1	1	(1)	4	3	7
CARP	1,638	45	1,683	1,206	(1)	-	(1)
CATFISH	177	195	372	18	(1)	-	(1)
CHUBS	2,300	2,262	4,562	11,115	1,013	69	1,082
CRAPPIE	9	-	9	-	-	-	-
EELS, COMMON	-	(1)	(1)	-	-	-	-
LAKE HERRING	28	26	54	116	9,906	2,570	12,476
LAKE TROUT	-	(1)	(1)	(1)	257	70	327
PIKE OR PICKEREL	69	41	110	36	(1)	2	2
QUILLBACK	10	-	10	1	-	-	-
ROCK BASS	9	2	11	-	-	-	-
SAUGER	1	(1)	-	(1)	(1)	52	52
SCULPIN	-	-	-	11	-	-	-
SHEEPSHEAD	28	32	60	1	-	-	-
SMELT	29	(1)	29	1,546	955	1	956
STURGEON	1	19	20	1	(1)	3	3
SUCKERS	707	144	851	263	45	21	66
SUNFISH	-	(1)	(1)	-	-	-	-
WHITE BASS	10	17	27	-	-	-	-
WHITEFISH:							
COMMON	305	583	888	266	401	148	549
MENOMINEE	14	21	35	12	18	10	28
YELLOW PERCH	372	620	992	4,050	2	24	26
YELLOW PIKE	157	344	501	67	1	174	175
CRAWFISH	-	-	-	(1)	-	-	-
TOTAL	5,680	4,175	10,055	23,475	12,602	3,147	15,749

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

GREAT LAKES FISHERIES

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SUMMARY OF UNITED STATES AND CANADIAN CATCH, 1962 - Continued

(THOUSANDS OF POUNDS)

SPECIES	TOTAL, GREAT LAKES			LAKE OF THE WOODS		
	UNITED STATES	CANADA	TOTAL	UNITED STATES	CANADA	TOTAL
	<u>QUANTITY</u>	<u>QUANTITY</u>	<u>QUANTITY</u>	<u>QUANTITY</u>	<u>QUANTITY</u>	<u>QUANTITY</u>
ALEWIVES	4,746	-	4,746	-	-	-
BLUE PIKE	1	(1)	1	-	-	-
BOWFIN	5	333	338	-	-	-
BUFFALO FISH	48	-	48	(1)	-	-
BULLHEADS	221	256	477	3	37	40
BURBOT	7	4	11	400	342	742
CARP	7,646	760	8,406	-	(1)	(1)
CATFISH	1,305	302	1,607	-	(1)	(1)
CHUBS	14,428	2,331	16,759	-	-	-
CISCO	8	-	8	-	-	-
CRAPPIE	10	-	10	-	-	-
EELS, COMMON	24	125	149	-	-	-
GARFISH	1	-	1	-	-	-
GIZZARD SHAD	9	-	9	-	-	-
GOLDFISH	350	-	350	-	-	-
LAKE HERRING	10,050	2,625	12,675	-	-	-
LAKE TROUT	258	71	329	-	-	-
MOONEYE OR GOLDEYE	1	-	1	(1)	2	(1)
PIKE OR PICKEREL	105	123	228	60	308	368
QUILLBACK	11	-	11	(1)	-	-
ROCK BASS	15	93	108	-	30	30
SAUGER	1	53	54	87	56	143
SCULPIN	11	-	11	-	-	-
SHEEPSHEAD	3,553	1,106	4,659	-	-	-
SHELT	2,604	19,311	21,915	-	-	-
STURGEON	3	46	49	-	-	-
SUCKERS	1,292	409	1,701	171	(1)	(1)
SUNFISH	11	202	213	-	415	586
TULLIBEE	-	-	-	2,648	213	2,861
WHITE BASS	1,409	2,488	3,897	-	-	-
WHITEFISH:						
COMMON	1,002	1,096	2,098	(1)	82	82
WENONINEE	44	31	75	-	-	-
WHITE PERCH	4	-	4	-	-	-
YELLOW PERCH	11,995	21,630	33,625	29	18	47
YELLOW PIKE	672	1,168	1,840	156	875	1,031
CRAWFISH	(1)	-	(1)	-	-	-
TOTAL	61,850	54,563	116,413	3,554	2,376	5,932

SPECIES	NAMAKAN LAKE			RAINY LAKE		
	UNITED STATES	CANADA	TOTAL	UNITED STATES	CANADA	TOTAL
	<u>QUANTITY</u>	<u>QUANTITY</u>	<u>QUANTITY</u>	<u>QUANTITY</u>	<u>QUANTITY</u>	<u>QUANTITY</u>
BURBOT	3	9	12	36	110	146
MOONEYE OR GOLDEYE	-	-	-	(1)	-	(1)
PIKE OR PICKEREL	-	2	2	12	117	129
ROCK BASS	-	-	-	-	3	3
SAUGER	-	-	-	(1)	(1)	(1)
STURGEON	-	1	1	-	5	5
SUCKERS	4	22	26	26	254	280
TULLIBEE	6	12	18	32	148	180
WHITEFISH, COMMON	13	7	20	12	29	41
YELLOW PERCH	-	-	-	(1)	3	3
YELLOW PIKE	-	7	7	24	129	153
TOTAL	26	60	86	142	796	940

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)



GREAT LAKES FISHERIES

SUMMARY OF UNITED STATES AND CANADIAN CATCH, 1962 - Continued

(THOUSANDS OF POUNDS)

SPECIES	TOTAL, INTERNATIONAL LAKES			GRAND TOTAL, ALL LAKES		
	UNITED STATES	CANADA	TOTAL	UNITED STATES	CANADA	TOTAL
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
ALEWIVES	-	-	-	4,746	-	4,746
BLUE PIKE.	-	-	-	1	(1)	1
BOWFIN	-	-	-	5	333	338
BUFFALOFISH.	(1)	-	-	48	-	48
BULLHEADS	3	37	40	224	293	517
BURBOT	439	461	900	446	465	911
CARP	-	(1)	(1)	7,646	760	8,406
CATFISH.	-	(1)	(1)	1,305	302	1,607
CHUBS	-	-	-	14,428	2,331	16,759
CISCO.	-	-	-	8	-	8
CRAPPIE.	-	-	-	10	-	10
EELS, COMMON	-	-	-	24	125	149
GARFISH.	-	-	-	1	-	1
GIZZARD SHAD	-	-	-	9	-	9
GOLDFISH	-	-	-	350	-	350
LAKE HERRING	-	-	-	10,050	2,625	12,675
LAKE TROUT	-	2	2	258	73	331
MOONEYE OR GOLDEYE	(1)	-	(1)	1	-	1
PIKE OR PICKEREL	72	427	499	177	550	727
QUILLBACK.	-	-	-	11	-	11
ROCK BASS.	-	33	33	15	126	141
SAUGER	87	56	143	88	109	197
SCULPIN.	-	-	-	11	-	11
SHEEPSHEAD	-	-	-	3,553	1,106	4,659
SMELT.	-	-	-	2,604	19,311	21,915
STURGEON	-	6	6	3	52	55
SUCKERS	201	691	892	1,493	1,100	2,593
SUNFISH.	-	-	-	11	202	213
TULLIBEE	2,686	373	3,059	2,666	373	3,059
WHITE BASS	-	-	-	1,409	2,488	3,897
WHITEFISH:						
COMMON	25	118	143	1,027	1,214	2,241
MENOMINEE.	-	-	-	44	31	75
WHITE PERCH.	-	-	-	4	-	4
YELLOW PERCH	29	21	50	12,024	21,651	33,675
YELLOW PIKE.	180	1,011	1,191	852	2,179	3,031
CRAWFISH	-	-	-	(1)	-	(1)
TOTAL	3,722	3,236	6,958	65,572	57,799	123,371

1/ LESS THAN 500 POUNDS.

NOTE:--IN CANADA THE CATCHES OF ALEWIVES AND GARFISH HAVE BEEN INCLUDED WITH BOWFIN AND THE CATCH OF CRAPPIES WITH ROCK BASS.



SUMMARY OF U. S. CATCH, 1962

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

STATE	TOTAL	
	QUANTITY	VALUE
NEW YORK	680	106
PENNSYLVANIA	2,150	150
OHIO	15,225	1,139
MICHIGAN	22,121	2,479
INDIANA	6	1
ILLINOIS	290	38
WISCONSIN.	19,075	1,341
MINNESOTA.	6,025	277
TOTAL	65,572	5,533

GREAT LAKES FISHERIES

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SECTIONAL SUMMARIES

SUMMARY OF U.S. OPERATING UNITS AND FISHING EFFORT, BY LAKES, 1962

ITEM	LAKE ONTARIO	LAKE ERIE	LAKE HURON	LAKE MICHIGAN	LAKE SUPERIOR	LAKE OF THE WOODS, NAMAKAN LAKE, AND RAINY LAKE	TOTAL, EXCLUSIVE OF DUBLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS:							
REGULAR	-	15	16	140	34	-	193
PART-TIME	13	182	105	236	174	6	671
CASUAL	-	94	77	99	57	-	312
ON BOATS AND SHORE:							
REGULAR	-	9	9	15	15	6	54
PART-TIME	4	147	117	138	127	47	580
CASUAL	43	470	161	368	225	13	1,280
TOTAL FISHERMEN	60	917	485	996	632	72	3,090
VESSELS, MOTOR:							
REGULAR	-	4	5	49	11	1	65
PART-TIME	3	63	35	83	59	1	232
CASUAL	-	35	30	39	28	-	127
TOTAL VESSELS	3	102	70	171	98	2	1/ 424
TOTAL GROSS TONNAGE	32	1,330	1,175	3,857	1,577	49	7,621
BOATS:							
MOTOR:							
REGULAR	-	2	3	5	7	3	20
PART-TIME	2	47	58	68	68	24	267
CASUAL	41	272	147	269	191	7	927
TOTAL MOTOR BOATS	43	321	208	342	266	34	1,214
OTHER:							
REGULAR	-	1	-	-	-	-	1
PART-TIME	-	19	-	-	-	-	19
CASUAL	2	55	24	11	1	-	93
TOTAL OTHER BOATS	2	75	24	11	1	-	113
DAYS OPERATED:							
FISHERMEN:							
ON VESSELS	632	24,745	14,344	56,631	27,251	720	124,323
ON BOATS AND SHORE	837	23,593	15,247	20,714	19,781	6,380	86,552
TOTAL FISHERMEN DAYS	1,469	48,338	29,591	77,345	47,032	7,100	210,875
CRAFT:							
VESSELS	157	8,465	4,928	19,963	9,152	240	42,905
BOATS, MOTOR	697	9,220	8,569	12,714	12,073	3,246	46,519
TOTAL CRAFT DAYS	854	17,685	13,497	32,677	21,225	3,486	89,424
FISHING EFFORT:							
LIFTS:							
POUND NETS	-	245	412	3,673	3,035	144	7,509
TRAP NETS	1,997	65,042	14,027	1,645	1,665	2,133	86,509
FYKE AND HOOP NETS	766	567	1,249	15,291	16	194	18,082
LIFTS PER 1,000 LINEAR YARDS:							
HAUL SEINES	16	3,890	279	99	3	-	4,267
GILL NETS:							
1-1/4 - 2 INCH MESH	1	-	-	224	206	-	431
2-1/8 - 3-7/8 INCH MESH	76	11,212	17,807	64,429	28,550	2,495	124,569
4 - 7 INCH MESH	639	2,330	9,184	6,015	12,045	-	30,213
7-1/8 - 14 INCH MESH	12	6	1,198	128	-	-	1,344
LIFTS PER 1,000 HOOKS:							
LINES, LONG OR SET	-	1,753	4,279	19	-	-	6,051
HOURS TRAWLED	-	354	-	8,384	-	1,302	10,040
DAYS FISHED:							
LINES, HAND	-	-	-	23	-	-	23
DIP NETS	-	22	-	-	-	-	22

1/ DOES NOT INCLUDE 4 VESSELS OPERATED IN LAKE WINNEBAGO.

NOTE:--THE NUMBER OF DAYS INDICATES THAT FISHING OCCURRED REGARDLESS OF THE AMOUNT OF TIME FISHED DURING A DAY. THE NUMBER OF FISHERMEN AND CRAFT OPERATING AS REGULAR, PART-TIME, AND CASUAL IS BASED ON DAYS OF OPERATION AS FOLLOWS: REGULAR--MORE THAN 161 DAYS, PART-TIME 54 TO 161 DAYS (INCLUSIVE), AND CASUAL--LESS THAN 54 DAYS.

GREAT LAKES FISHERIES

SUMMARY OF U.S. OPERATING UNITS AND FISHING EFFORT, BY STATES, 1962

ITEM	NEW YORK	PENNSYLVANIA	OHIO	MICHIGAN	INDIANA	ILLINOIS	WISCONSIN	MINNESOTA	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:									
ON VESSELS:									
REGULAR	3	10	2	89	-	-	97	-	193
PART-TIME	28	28	130	358	-	7	143	14	671
CASUAL	9	5	72	156	-	2	74	2	312
ON BOATS AND SHORE:									
REGULAR	-	3	6	18	-	3	9	15	54
PART-TIME	6	2	136	224	-	-	90	122	560
CASUAL	48	6	426	563	2	2	161	72	1,280
TOTAL FISHERMEN	94	54	772	1,408	2	14	574	225	3,090
VESSELS, MOTOR:									
REGULAR	1	2	1	28	-	-	36	1	65
PART-TIME	7	9	47	119	-	2	54	4	232
CASUAL	3	3	26	64	-	1	32	1	127
TOTAL VESSELS	11	14	74	211	-	3	122	6	1/ 424
TOTAL GROSS TONNAGE	135	192	978	3,624	-	80	2,582	117	7,621
BOATS:									
MOTOR:									
REGULAR	-	1	1	6	-	1	3	8	20
PART-TIME	3	1	42	111	-	-	44	66	267
CASUAL	46	6	240	482	2	2	94	55	927
TOTAL MOTOR BOATS	49	8	283	599	2	3	141	129	1,214
OTHER:									
REGULAR	-	-	1	3	-	-	-	-	1
PART-TIME	-	-	16	37	-	-	-	-	19
CASUAL	2	-	43	37	-	-	11	-	93
TOTAL OTHER BOATS	2	-	60	40	-	-	11	-	113
DAYS OPERATED:									
FISHERMEN:									
ON VESSELS	3,152	5,305	15,469	59,168	-	635	38,975	1,619	124,323
ON BOATS AND SHORE	993	893	21,416	33,054	33	551	12,286	17,326	86,552
TOTAL FISHERMEN DAYS	4,145	6,198	36,885	92,222	33	1,186	51,261	18,945	210,875
CRAFT:									
VESSELS	861	1,676	5,645	19,432	-	192	14,516	583	42,905
BOATS, MOTOR	788	391	6,187	20,189	33	213	7,207	9,511	46,519
TOTAL CRAFT DAYS	1,649	2,067	13,832	39,621	33	405	21,723	10,094	89,424
FISHING EFFORT:									
LIFTS:									
POUND NETS	-	245	-	3,762	-	-	3,257	245	7,509
TRAP NETS	1,997	-	61,854	20,497	-	-	28	2,133	86,509
FYKE AND HOOP NETS	766	-	278	1,570	-	-	15,275	194	18,082
LIFTS PER 1,000 LINEAR YARDS:									
HAUL SEINES	16	-	3,517	655	-	-	99	-	4,287
GILL NETS:									
1-1/4 - 2 INCH MESH	1	-	-	216	-	-	214	-	431
2-1/8 - 3-7/8 INCH MESH	1,638	7,392	2,298	62,400	15	1,147	43,279	6,440	124,569
4 - 7 INCH MESH	1,402	90	1,467	20,551	-	-	6,675	28	30,213
7-1/8 - 14 INCH MESH	17	-	1	1,200	-	2	124	-	1,344
LIFTS PER 1,000 HOOKS:									
LINES, LONG OR SET	-	-	1,747	4,304	-	-	-	-	6,051
HOURS TRAWLED	-	354	-	2,397	-	-	5,987	1,302	10,040
DAYS FISHED:									
LINES, HAND	-	-	-	23	-	-	-	-	23
DIP NETS	-	-	22	-	-	-	-	-	22

1/ DOES NOT INCLUDE 4 VESSELS OPERATED IN LAKE WINNEBAGO.
SEE NOTE ON PAGE 307.

GREAT LAKES FISHERIES

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SUMMARY OF U.S. OPERATING UNITS AND FISHING EFFORT, BY STATES AND LAKES, 1962

ITEM	NEW YORK		PENN- SYLVANIA	OHIO	MICHIGAN			
	LAKE ONTARIO	LAKE ERIE	LAKE ERIE	LAKE ERIE	LAKE ERIE	LAKE HURON	LAKE MICHIGAN	LAKE SUPERIOR
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:								
ON VESSELS:								
REGULAR	-	3	10	2	-	16	52	27
PART-TIME	13	15	28	130	13	105	146	123
CASUAL	-	9	5	72	10	77	50	31
ON BOATS AND SHORE:								
REGULAR	-	-	3	6	-	9	3	6
PART-TIME	4	2	2	136	7	117	50	50
CASUAL	43	5	6	426	33	161	228	141
TOTAL FISHERMEN	60	34	54	772	63	485	529	378
VESSLS, MOTOR:								
REGULAR	-	1	2	1	-	5	17	8
PART-TIME	3	4	9	47	4	35	49	40
CASUAL	-	3	3	26	4	30	19	15
TOTAL VESSELS	3	8	14	74	8	70	85	63
TOTAL GROSS TONNAGE	32	103	192	978	90	1,175	1,843	1,020
BOATS:								
MOTOR:								
REGULAR	-	-	1	1	-	3	1	2
PART-TIME	2	1	1	42	3	58	25	25
CASUAL	41	5	6	240	21	147	188	126
TOTAL MOTOR BOATS	43	6	8	283	24	208	214	153
OTHER:								
REGULAR	-	-	-	1	-	-	-	-
PART-TIME	-	-	-	16	3	-	-	-
CASUAL	2	-	-	43	12	24	-	1
TOTAL OTHER BOATS	2	-	-	60	15	24	-	1
DAYS OPERATED:								
FISHERMEN:								
ON VESSELS	632	2,520	5,305	15,469	1,451	14,344	23,829	19,544
ON BOATS AND SHORE	837	156	893	21,416	1,128	15,247	8,532	8,147
TOTAL FISHERMEN DAYS	1,469	2,676	6,198	36,885	2,579	29,591	32,361	27,691
CRAFT:								
VESSELS	157	704	1,676	5,645	440	4,928	7,851	6,213
BOATS, MOTOR	697	91	391	8,187	551	8,569	5,843	5,226
TOTAL CRAFT DAYS	854	795	2,067	13,832	991	13,497	13,694	11,439
FISHING EFFORT:								
LIFTS:								
POND NETS	-	-	245	-	-	412	2,461	889
TRAP NETS	1,997	-	-	61,854	3,188	14,027	1,617	1,665
FYKE OR HOOP NETS	766	-	-	278	269	1,249	16	16
LIFTS PER 1,000 LINEAR YARDS:								
HAUL SEINES	16	-	-	3,517	373	279	-	3
GILL NETS:								
1-1/4 - 2 INCH MESH	76	-	-	-	-	-	108	108
2-1/8 - 3-7/8 INCH MESH	76	1,562	7,392	2,258	-	17,807	27,429	17,164
4 - 7 INCH MESH	639	763	90	1,467	10	9,184	3,946	7,411
7-1/8 - 14 INCH MESH	12	5	-	1	-	1,198	2	-
LIFTS PER 1,000 HOOKS,								
LINES, LONG OR SET	-	-	-	1,747	6	4,279	19	-
HOURS TRAWLED	-	-	354	-	-	-	2,397	-
DAYS FISHEO:								
LINES, HAND	-	-	-	-	-	-	23	-
DIP NETS	-	-	-	22	-	-	-	-

(CONTINUED ON NEXT PAGE)

GREAT LAKES FISHERIES

SUMMARY OF U.S. OPERATING UNITS AND FISHING EFFORT, BY STATES AND LAKES, 1962 - Continued

ITEM	INDIANA	ILLINOIS	WISCONSIN		MINNESOTA	
	LAKE MICHIGAN	LAKE MICHIGAN	LAKE MICHIGAN	LAKE SUPERIOR	LAKE SUPERIOR	LAKE OF THE WOODS, NAMAKAN LAKE, AND RAINY LAKE
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS:						
REGULAR	-	-	90	7	-	-
PART-TIME	-	7	97	46	8	6
CASUAL	-	2	50	24	2	-
ON BOATS AND SHORE:						
REGULAR	-	3	9	-	9	6
PART-TIME	-	-	68	2	75	47
CASUAL	2	2	136	25	59	13
TOTAL FISHERMEN	2	14	470	104	153	72
VESSELS, MOTOR:						
REGULAR	-	-	33	3	-	1
PART-TIME	-	2	37	17	3	1
CASUAL	-	1	20	12	1	-
TOTAL VESSELS	-	3	90	32	4	2
TOTAL GROSS TONNAGE	-	80	2,058	514	58	49
BOATS:						
MOTOR:						
REGULAR	-	1	3	-	5	3
PART-TIME	-	-	43	1	42	24
CASUAL	2	2	77	17	48	7
TOTAL MOTOR BOATS	2	3	123	18	95	34
OTHER, CASUAL	-	-	11	-	-	-
TOTAL OTHER BOATS	-	-	11	-	-	-
DAYS OPERATED:						
FISHERMEN:						
ON VESSELS	-	635	32,167	6,808	899	720
ON BOATS AND SHORE	33	551	11,598	688	10,946	6,380
TOTAL FISHERMEN DAYS	33	1,186	43,765	7,496	11,845	7,100
CRAFT:						
VESSELS	-	192	11,920	2,596	343	240
BOATS, MOTOR	33	213	6,625	582	6,265	3,246
TOTAL CRAFT DAYS	33	405	18,545	3,178	6,608	3,486
FISHING EFFORT:						
LIFTS:						
POUND NETS	-	-	1,212	2,045	101	144
TRAP NETS	-	-	28	-	-	2,133
FLYE AND HOOP NETS	-	-	15,275	-	-	194
LIFTS PER 1,000 LINEAR YARDS:						
HAUL SEINES:						
GILL NETS:						
1-1/4 - 2 INCH MESH	-	-	166	98	-	-
2-1/8 - 3-7/8 INCH MESH	15	1,147	35,838	7,441	3,945	2,495
4 - 7 INCH MESH	-	-	2,069	4,606	28	-
7-1/8 - 14 INCH MESH	-	2	124	-	-	-
HOURS TRAWLED	-	-	5,987	-	-	1,302

SEE NOTE ON PAGE 307.



GREAT LAKES FISHERIES

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CATCH BY STATES, 1962

SPECIES	NEW YORK		PENNSYLVANIA		OHIO	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUE PIKE	100	\$34	500	\$193	400	\$154
BOWFIN	2,900	115	-	-	-	-
BUFFALOFISH	(1)	(1)	-	-	43,500	3,041
BULLHEADS	49,300	13,798	100	4	112,500	11,247
BURBOT	400	59	300	11	1,900	78
CARP	38,800	1,938	1,000	20	3,486,900	104,608
CATFISH	3,100	546	1,200	308	1,072,300	235,895
CISCO	7,100	2,301	300	99	700	248
CRAPPIE	800	138	-	-	-	-
EELS, COMMON	24,300	5,389	-	-	-	-
GARFISH	600	12	-	-	-	-
GIZZARD SHAD	-	-	-	-	8,800	177
GOLDFISH	-	-	-	-	350,200	10,507
LAKE TROUT	1,200	670	-	-	-	-
MOONEYE OR GOLDEYE	-	-	-	-	700	15
PIKE OR PICKEREL	100	11	-	-	-	-
QUILLBACK	-	-	-	-	800	16
ROCK BASS	5,000	453	-	-	-	-
SAUGER	-	-	-	-	(1)	1
SHEEPSHEAD	3,200	65	7,400	169	3,430,600	68,613
SMELT	500	55	73,400	2,322	100	15
STURGEON	600	589	-	-	200	181
SUCKERS	16,800	496	2,200	68	201,900	4,036
SUNFISH	10,500	1,257	-	-	-	-
WHITE BASS	15,400	1,607	9,500	1,134	1,163,600	162,902
WHITETISH:						
COMMON	26,800	14,206	1,500	762	1,300	677
MEMMINEE	(1)	1	-	-	-	-
WHITE PERCH	4,100	286	-	-	-	-
YELLOW PERCH	379,500	30,360	2,048,500	143,617	5,046,800	403,742
YELLOW PIKE	88,800	33,330	4,100	1,494	301,800	132,788
TOTAL	680,100	107,716	2,150,000	150,201	15,225,000	1,138,941

SPECIES	MICHIGAN		INDIANA		ILLINOIS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	1,398,600	\$17,373	1,100	\$13	-	-
BOWFIN	1,800	83	-	-	-	-
BUFFALOFISH	4,100	202	-	-	-	-
BULLHEADS	17,500	1,518	-	-	-	-
BURBOT	1,200	90	-	-	-	-
CARP	2,914,500	123,528	-	-	4,500	\$289
CATFISH	228,300	58,783	-	-	-	-
CHUBS	6,331,000	994,551	-	-	61,700	15,840
CRAPPIE	9,300	2,005	-	-	-	-
LAKE HERRING	5,965,600	360,534	(1)	3	100	9
LAKE TROUT	135,400	84,035	-	-	-	-
PIKE OR PICKEREL	75,800	13,736	-	-	-	-
QUILLBACK	10,300	235	-	-	-	-
ROCK BASS	9,600	1,388	-	-	-	-
SAUGER	600	100	-	-	-	-
SCULPIN	100	1	-	-	-	-
SHEEPSHEAD	110,500	2,943	-	-	-	-
SMELT	1,226,600	45,142	-	-	-	-
STURGEON	2,700	2,971	-	-	-	-
SUCKERS	856,400	31,635	1,200	50	-	-
WHITE BASS	220,600	15,878	-	-	-	-
WHITETISH:						
COMMON	809,300	433,550	-	-	-	-
MEMMINEE	34,900	7,891	-	-	-	-
YELLOW PERCH	1,504,800	172,728	4,100	451	223,300	21,768
YELLOW PIKE	271,000	108,716	-	-	-	-
TOTAL	22,120,700	2,479,216	6,400	517	289,600	37,906

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

GREAT LAKES FISHERIES

CATCH BY STATES, 1962 - Continued

SPECIES	WISCONSIN		MINNESOTA		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	3,346,400	\$50,195	-	-	4,746,100	\$67,581
BLUE PIKE	-	-	-	-	1,000	381
BOWFIN	(1)	2	-	-	4,700	200
BUFFALOFISH	-	-	100	\$8	47,700	3,251
BULLHEADS	41,400	1,658	3,200	209	224,000	26,434
BURBOT	3,100	218	439,300	12,671	446,200	13,127
CARP	1,199,800	47,992	-	-	7,645,500	278,375
CATFISH	200	37	-	-	1,305,100	295,569
CHUBS	8,035,000	695,900	-	-	14,427,700	1,706,291
CISCO	-	-	-	-	8,100	2,648
CRAPPIE	-	-	-	-	10,100	2,143
EELS, COMMON	-	-	-	-	24,500	5,389
GARFISH	-	-	-	-	600	12
GIZZARD SHAD	-	-	-	-	8,800	177
GOLDFISH	-	-	-	-	350,200	10,507
LAKE HERRING	2,257,700	83,971	1,826,900	114,000	10,050,300	558,517
LAKE TROUT	119,800	71,660	2,000	1,075	256,400	157,640
MOONEYE OR GOLDEYE	-	-	(1)	1	700	16
PIKE OR PICKEREL	29,000	2,904	72,300	4,484	177,200	21,135
QUILLBACK	-	-	200	3	11,300	254
ROCK BASS	-	-	-	-	14,600	1,841
SAUGER	-	-	87,400	7,902	88,000	8,003
SCULPIN	10,600	212	-	-	10,700	213
SHEEPSHEAD	1,100	34	-	-	3,552,800	71,824
SMELLT	830,400	12,906	473,300	9,500	2,604,300	69,940
STURGEON	-	-	-	-	3,500	3,341
SUCKERS	233,900	4,817	200,300	5,911	1,492,700	47,013
SUNFISH	-	-	-	-	10,500	1,257
TULLIBEE	-	-	2,685,800	77,330	2,685,800	77,330
WHITE BASS	-	-	-	-	1,409,100	181,521
WHITFISH:						
COMMON	162,400	86,662	25,900	5,525	1,027,200	541,362
MENOMINEE	8,600	848	600	55	44,100	8,795
WHITE PERCH	-	-	-	-	4,100	286
YELLOW PERCH	2,768,700	278,671	28,500	2,219	12,024,200	1,053,756
YELLOW PIKE	7,200	2,367	179,200	36,302	852,100	314,997
CRAWFISH	(1)	(1)	-	-	(1)	(1)
TOTAL	19,075,300	1,341,454	6,025,000	277,195	65,572,100	5,533,146

1/ LESS THAN 50 POUNDS OR 50 CENTS.

CATCH BY LAKES AND STATES, 1962

SPECIES	LAKE ONTARIO		LAKE ERIE			
	NEW YORK		NEW YORK		PENNSYLVANIA	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUE PIKE	100	\$33	(1)	\$1	500	\$193
BOWFIN	2,900	115	-	-	-	-
BUFFALOFISH	(1)	(1)	-	-	-	-
BULLHEADS	49,300	13,798	-	-	100	4
BURBOT	400	59	-	-	300	11
CARP	38,800	1,938	-	-	1,000	20
CATFISH	1,700	222	1,400	324	1,200	306
CISCO	2,700	641	4,400	1,650	300	99
CRAPPIE	800	138	-	-	-	-
EELS, COMMON	24,500	5,389	-	-	-	-
GARFISH	600	12	-	-	-	-
LAKE TROUT	1,200	670	-	-	-	-
PIKE OR PICKEREL	100	11	-	-	-	-
ROCK BASS	5,000	453	-	-	-	-
SHEEPSHEAD	(1)	1	3,200	64	7,400	169
SMELLT	200	33	300	22	73,400	2,322
STURGEON	200	254	400	335	-	-

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

GREAT LAKES FISHERIES

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CATCH BY LAKES AND STATES, 1962 - Continued

SPECIES	LAKE ONTARIO		LAKE ERIE			
			NEW YORK		PENNSYLVANIA	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
SUCKERS	16,100	\$453	700	\$13	2,200	\$68
SUNFISH	10,500	1,257	-	-	-	-
WHITE BASS	9,100	911	6,300	696	9,500	1,134
WHITETFISH:						
COMMON	26,700	14,137	100	69	1,500	762
MENOMINEE	-	-	(1)	1	-	-
WHITE PERCH	4,100	286	-	-	-	-
YELLOW PERCH	23,400	1,873	356,100	28,487	2,048,500	143,617
YELLOW PIKE	14,400	5,056	74,400	26,274	4,100	1,494
TOTAL	232,800	47,770	447,300	59,946	2,150,000	150,201

SPECIES	LAKE ERIE - CONTINUED					
	OHIO		MICHIGAN		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUE PIKE	400	\$154	-	-	900	\$348
BUFFALOFISH	43,500	3,041	4,100	\$202	47,600	3,243
BULLHEADS	112,500	11,247	7,100	985	119,700	12,236
BURBOT	1,900	78	-	-	2,200	89
CARP	3,486,900	104,608	1,273,600	39,651	4,763,500	143,279
CATFISH	1,072,300	235,895	51,600	13,599	1,126,500	250,126
CISCO	700	248	-	-	5,400	2,007
GIZZARD SHAD	8,800	177	-	-	8,800	177
GOLDFISH	350,200	10,507	-	-	350,200	10,507
MOONEYE OR GOLDEYE	700	15	-	-	700	15
PIKE OR PICKEREL	-	-	100	13	100	13
QUILLBACK	800	16	-	-	800	16
ROCK BASS	-	-	300	60	300	60
SAUGER	(1)	1	-	-	(1)	-
SHEEPSHEAD	3,430,600	68,613	82,300	2,155	3,523,500	71,001
SMELT	100	15	-	-	73,800	2,359
STURGEON	200	181	100	69	700	585
SUCKERS	201,900	4,036	56,500	1,191	261,300	5,308
WHITE BASS	1,163,600	162,902	210,200	14,399	1,389,600	179,131
WHITETFISH:						
COMMON	1,300	677	-	-	2,900	1,508
MENOMINEE	-	-	-	-	(1)	-
YELLOW PERCH	5,046,800	403,742	96,900	7,189	7,546,300	583,035
YELLOW PIKE	301,800	132,788	52,900	23,160	433,200	185,716
TOTAL	15,225,000	1,138,941	1,837,700	101,673	19,660,000	1,450,761

SPECIES	LAKE HURON		LAKE MICHIGAN			
			MICHIGAN		INDIANA	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	3,800	\$77	1,394,800	\$17,295	1,100	\$13
BOWFIN	1,800	83	(1)	(1)	-	-
BULLHEADS	9,600	510	600	23	-	-
BURBOT	200	21	(1)	(1)	-	-
CARP	1,637,400	84,819	1,500	58	-	-
CATFISH	176,500	45,135	200	49	-	-
CHUBS	2,299,500	432,537	3,718,300	518,142	-	-
CRAPPIE	9,300	2,005	-	-	-	-
LAKE HERRING	28,700	3,688	39,600	3,987	(1)	3
LAKE TROUT	-	-	300	204	-	-
PIKE OR PICKEREL	68,600	12,992	7,000	717	-	-
QUILLBACK	10,500	235	-	-	-	-
ROCK BASS	6,700	1,298	600	30	-	-
SAUGER	6,500	88	(1)	9	-	-
SCUPIN	-	-	100	1	-	-
SHEEPSHEAD	28,000	770	200	18	-	-
SMELT	29,200	1,289	1,085,900	37,790	-	-
STURGEON	1,200	1,182	1,300	1,233	-	-
SUCKERS	707,300	27,229	41,700	1,681	1,200	50
WHITE BASS	10,400	1,479	-	-	-	-
WHITETFISH:						
COMMON	305,100	165,469	188,200	97,591	-	-
MENOMINEE	14,300	3,116	9,900	2,946	-	-
YELLOW PERCH	371,800	51,462	1,034,000	113,738	4,100	451
YELLOW PIKE	157,500	61,190	60,100	24,199	-	-
TOTAL	5,680,200	896,674	7,584,300	819,711	6,400	517

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

GREAT LAKES FISHERIES

CATCH BY LAKES AND STATES, 1962 - Continued

SPECIES	LAKE MICHIGAN - CONTINUED					
	ILLINOIS		WISCONSIN		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	-	-	3,346,400	\$50,195	4,742,300	\$67,503
BOWFIN	-	-	(1)	2	(1)	2
BULLHEADS	-	-	41,400	1,658	42,000	1,681
BURBOT	-	-	200	13	200	13
CARP	4,500	\$269	1,199,600	47,992	1,205,600	48,339
CATFISH	-	-	200	37	400	86
CHUBS	61,700	15,840	7,335,200	591,241	11,115,200	1,125,223
LAKE HERRING	100	9	76,200	7,621	115,900	11,620
LAKE TROUT	-	-	100	40	400	244
PIKE OR PICKEREL	-	-	29,000	2,903	36,000	3,620
ROCK BASS	-	-	-	-	600	30
SAUGER	-	-	-	-	(1)	9
SCULPIN	-	-	10,600	212	10,700	213
SHEEPSHEAD	-	-	1,100	34	1,300	52
SMELT	-	-	460,200	9,203	1,546,100	46,993
STURGEON	-	-	-	-	1,300	1,233
SUCKERS	-	-	219,700	4,393	262,600	6,124
WHITEFISH:						
COMMON	-	-	77,300	44,097	265,500	141,668
MEMMINEE	-	-	1,700	437	11,600	3,383
YELLOW PERCH	223,300	21,768	2,788,700	278,869	4,050,100	414,826
YELLOW PIKE	-	-	(1,200)	2,367	67,300	26,566
CRAWFISH	-	-	(1)	(1)	(1)	(1)
TOTAL	289,600	37,906	15,595,000	1,041,314	23,475,300	1,899,448

SPECIES	LAKE SUPERIOR							
	MICHIGAN		WISCONSIN		MINNESOTA		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	(1)	\$1	-	-	-	-	(1)	\$1
BURBOT	1,000	69	2,900	\$205	200	\$12	4,100	266
CARP	(1)	(1)	-	-	-	-	(1)	(1)
CATFISH	(1)	(1)	-	-	-	-	(1)	(1)
CHUBS	313,200	43,672	699,600	104,659	-	-	1,013,000	148,531
LAKE HERRING	5,897,300	352,659	2,181,500	76,350	1,826,900	114,000	9,905,700	543,009
LAKE TROUT	135,100	83,831	119,700	71,620	2,000	1,075	256,800	156,726
PIKE OR PICKEREL	100	14	(1)	1	-	-	100	15
SAUGER	(1)	3	-	-	-	-	(1)	3
SMELT	111,500	6,063	370,200	3,703	473,300	9,500	955,000	19,266
STURGEON	100	87	-	-	-	-	100	87
SUCKERS	30,900	1,534	14,200	424	(1)	1	45,100	1,959
WHITEFISH:								
COMMON	316,000	170,490	85,100	42,565	200	80	401,300	213,135
MEMMINEE	10,700	1,829	6,900	411	600	55	18,200	2,295
YELLOW PERCH	2,100	339	(1)	2	-	-	2,100	341
YELLOW PIKE	500	167	-	-	-	-	500	167
TOTAL	6,816,500	660,958	3,480,300	300,140	2,303,200	124,723	12,602,000	1,085,821

SPECIES	LAKE OF THE WOODS		NAMAKAN LAKE		RAJNY LAKE		TOTAL, ALL LAKES	
	MINNESOTA		MINNESOTA		MINNESOTA			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	-	-	-	-	-	-	4,746,100	\$67,581
BLUE PIKE	-	-	-	-	-	-	1,000	381
BOWFIN	-	-	-	-	-	-	4,700	200
BUFFALOFISH	100	\$8	-	-	-	-	47,700	3,251
BULLHEADS	3,200	209	-	-	-	-	224,000	28,434
BURBOT	399,700	12,071	3,400	\$103	36,000	\$485	446,200	13,127
CARP	-	-	-	-	-	-	7,645,500	278,375
CATFISH	-	-	-	-	-	-	1,305,100	295,569
CHUBS	-	-	-	-	-	-	14,427,700	1,706,291
CISCO	-	-	-	-	-	-	8,100	2,648
CRAPPIE	-	-	-	-	-	-	10,100	2,143
EELS, COMMON	-	-	-	-	-	-	24,500	5,389

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

CATCH BY LAKES AND STATES, 1962 - Continued

SPECIES	LAKE OF THE WOODS		NAMAKAN LAKE		RAINY LAKE		TOTAL, ALL LAKES	
	MINNESOTA		MINNESOTA		MINNESOTA		POUNDS	VALUE
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE		
GARFISH	-	-	-	-	-	-	600	\$12
GIZZARD SHAD	-	-	-	-	-	-	8,800	177
GOLDFISH	-	-	-	-	-	-	350,200	10,507
LAKE HERRING	-	-	-	-	-	-	10,050,300	558,517
LAKE TROUT	-	-	-	-	-	-	258,400	157,640
MOONEYE OR GOLDEYE	(1)	\$1	-	-	(1)	(1)	700	16
PIKE OR PICKEREL	59,900	3,594	-	-	12,400	\$890	177,200	21,135
QUILLBACK	200	3	-	-	-	-	11,500	254
ROCK BASS	-	-	-	-	-	-	14,600	1,841
SAUGER	87,400	7,901	-	-	(1)	1	88,000	6,003
SCULPIN	-	-	-	-	-	-	10,700	213
SHEEPSHEAD	-	-	-	-	-	-	3,552,800	71,824
SMELT	-	-	-	-	-	-	2,604,300	69,940
STURGEON	-	-	-	-	-	-	3,500	3,341
SUCKERS	170,900	5,357	3,500	\$111	25,900	442	1,492,700	47,013
SUNFISH	-	-	-	-	-	-	10,500	1,257
TULLIBEE	2,648,000	76,526	6,500	189	31,300	615	2,685,800	77,330
WHITE BASS	-	-	-	-	-	-	1,409,100	181,521
WHITFISH; COMMON	100	20	13,000	2,825	12,600	2,600	1,027,200	541,382
MENOMINEE	-	-	-	-	-	-	44,100	8,795
WHITE PERCH	-	-	-	-	-	-	4,100	286
YELLOW PERCH	26,300	2,203	-	-	200	16	12,024,200	1,053,756
YELLOW PIKE	155,700	31,502	-	-	23,500	4,800	852,100	314,997
CRAWFISH	-	-	-	-	-	-	(1)	(1)
TOTAL	3,553,500	139,395	26,400	3,228	141,900	9,849	65,572,100	5,533,146

1/ LESS THAN 50 POUNDS OR 50 CENTS.



GREAT LAKES FISHERIES

MANUFACTURED FISHERY PRODUCTS, 1962

ITEM	NEW YORK		PENNSYLVANIA		OHIO	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
CARP, FILLETS, FRESH POUNDS	-	-	-	-	(1)	(1)
CHUBS, SMOKED DO	(1)	(1)	-	-	(1)	(1)
CISCO, SMOKED DO	(1)	(1)	-	-	(1)	(1)
EELS, SMOKED DO	(1)	(1)	-	-	(1)	(1)
HALIBUT, FILLETS AND STEAKS, FROZEN DO	(1)	(1)	-	-	-	-
HERRING, SEA, SALTED AND PICKLED DO	(1)	(1)	-	-	(1)	(1)
LAKE TROUT, FILLETS, FRESH AND FROZEN DO	(1)	(1)	-	-	(1)	(1)
RED SNAPPER, FILLETS FRESH AND FROZEN DO	(1)	(1)	-	-	(1)	(1)
SABLEFISH, SMOKED DO	(1)	(1)	-	-	(1)	(1)
SALMON:						
STEAKS, FROZEN DO	(1)	(1)	-	-	-	-
SMOKED DO	(1)	(1)	-	-	(1)	(1)
SAUGER, FILLETS, FRESH AND FROZEN DO	(1)	(1)	-	-	(1)	(1)
SWORDFISH, SMOKED DO	(1)	(1)	-	-	-	-
WHITEFISH:						
FILLETS, FRESH AND FROZEN DO	50,000	\$37,250	(1)	(1)	87,270	\$71,612
SMOKED DO	(1)	(1)	-	-	(1)	(1)
WHITE BASS, FILLETS, FRESH AND FROZEN DO	(1)	(1)	-	-	74,000	44,100
WHITING, SMOKED DO	(1)	(1)	-	-	-	-
YELLOW PERCH, FILLETS, FRESH AND FROZEN DO	110,594	47,236	(1)	(1)	1,746,589	657,029
YELLOW PIKE, FILLETS, FRESH AND FROZEN DO	107,002	83,602	(1)	(1)	342,700	282,270
SCALLOPS, BREADEO, FROZEN DO	(1)	(1)	-	-	-	-
SHRIMP:						
COOKED, FRESH AND FROZEN DO	(1)	(1)	-	-	(1)	(1)
BREADEO, FROZEN DO	(1)	(1)	-	-	-	-
UNCLASSIFIED:						
FROZEN, PACKAGED FISH STICKS AND PORTIONS -	-	-	-	-	-	(2)
CANNED -	-	-	-	-	-	(2)
MISCELLANEOUS -	-	525,965	-	\$171,000	-	9,813,000
TOTAL -	-	694,253	-	171,000	-	10,868,011

ITEM	MICHIGAN		ILLINOIS	
	QUANTITY	VALUE	QUANTITY	VALUE
CARP, SMOKED POUNDS	(1)	(1)	-	-
CHUBS, SMOKED DO	900,000	\$388,600	1,278,575	\$645,558
EELS, SMOKED DO	-	-	(1)	(1)
HERRING, LAKE:				
FILLETS, FRESH AND FROZEN DO	120,700	16,645	(1)	(1)
SALTED DO	957,220	95,700	-	-
SMOKED DO	(1)	(1)	-	-
HERRING, SEA, SALTED AND PICKLED DO	3,348,000	1,507,800	6,270,200	3,372,523
LAKE TROUT:				
FILLETS, FRESH AND FROZEN DO	53,890	44,410	90,198	68,190
SMOKED DO	(1)	(1)	16,600	16,000
MACKEREL, SALTED DO	-	-	(1)	(1)
PIKE OR PICKEREL, FILLETS, FRESH AND FROZEN DO	(1)	(1)	-	-
RED SNAPPER, FILLETS, FRESH AND FROZEN DO	-	-	(1)	(1)
SABLEFISH, SMOKED DO	350,000	215,000	383,200	208,806
SALMON, SMOKED DO	610,000	588,800	602,800	687,800
SAUGER, FILLETS, FRESH AND FROZEN DO	180,000	114,500	(1)	(1)
STURGEON, SMOKED DO	-	-	12,000	21,250
WHITEFISH:				
FILLETS, FRESH AND FROZEN DO	100,685	77,627	248,686	188,571
SMOKED DO	162,000	102,500	29,000	25,960
WHITE BASS, FILLETS, FRESH AND FROZEN DO	(1)	(1)	(1)	(1)
YELLOW PERCH, FILLETS, FRESH AND FROZEN DO	1,220,900	434,600	142,162	90,022
YELLOW PIKE, FILLETS, FRESH AND FROZEN DO	630,690	385,657	196,604	163,052
SHRIMP:				
COOKED, FRESH AND FROZEN DO	-	-	(1)	(1)
BREADEO, FROZEN DO	-	-	(1)	(1)

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

GREAT LAKES FISHERIES

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MANUFACTURED FISHERY PRODUCTS, 1962 - Continued

ITEM	MICHIGAN		ILLINOIS	
	QUANTITY	VALUE	QUANTITY	VALUE
UNCLASSIFIED:				
FROZEN, PACKAGED FISH STICKS AND PORTIONS	-	-	-	-
CANNED	-	(2)	-	(2)
MISCELLANEOUS	-	\$233,320	-	\$903,028
TOTAL	-	4,205,159	-	6,390,760

ITEM	WISCONSIN		MINNESOTA	
	QUANTITY	VALUE	QUANTITY	VALUE
CHUBS, SMOKED POUNDS	1,748,000	\$733,710	(1)	(1)
HERRING, LAKE:				
SALTED DO	540,000	82,600	(1)	(1)
SMOKED DO	107,000	31,035	(1)	(1)
HERRING, SEA, SALTED AND PICKLED DO	(1)	(1)	(1)	(1)
LAKE TROUT:				
FILLETS, FRESH AND FROZEN DO	18,100	14,920	-	-
SMOKED DO	41,400	26,400	(1)	(1)
PIKE OR PICKEREL, FILLETS, FRESH AND FROZEN DO	(1)	(1)	-	-
SABLEFISH, SMOKED DO	63,400	35,400	-	-
SALMON, SMOKED DO	56,000	47,300	-	-
SAUGER, FILLETS, FRESH AND FROZEN DO	39,000	29,110	-	-
SMELT, FILLETS, FRESH AND FROZEN DO	(1)	(1)	-	-
WHITEFISH:				
FILLETS, FRESH AND FROZEN DO	74,550	60,570	-	-
SMOKED DO	111,200	60,480	(1)	(1)
CANNED CAVIAR STANDARD CASES	(1)	(1)	-	-
YELLOW PERCH, FILLETS, FRESH AND FROZEN POUNDS	1,016,300	416,245	-	-
YELLOW PIKE, FILLETS, FRESH AND FROZEN DO	98,130	93,533	-	-
UNCLASSIFIED:				
FROZEN, PACKAGED FISH STICKS AND PORTIONS	618,700	256,995	-	-
CANNED	-	(2)	-	\$148,654
MISCELLANEOUS	-	1,214,831	-	-
TOTAL	-	3,105,329	-	148,654

1/ INCLUDED WITH UNCLASSIFIED ITEMS.

2/ INCLUDED WITH MISCELLANEOUS ITEMS.

NOTE:--SOME OF THE ABOVE PRODUCTS MAY HAVE BEEN MANUFACTURED FROM RAW PRODUCTS IMPORTED FROM ANOTHER STATE OR A FOREIGN COUNTRY; THEREFORE, THEY CANNOT BE CORRELATED DIRECTLY WITH THE CATCH WITHIN THE STATE.

WHOLESALE AND MANUFACTURING, 1962

ITEM	NEW YORK	PENN-SYLVANIA	OHIO	INDIANA	ILLINOIS
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
WHOLESALE AND MANUFACTURING:					
ESTABLISHMENTS	17	3	32	7	49
PERSONS ENGAGED:					
AVERAGE FOR SEASON	153	23	491	22	924
AVERAGE FOR YEAR	60	7	242	10	806

ITEM	MICHIGAN	MINNESOTA	WISCONSIN	TOTAL
	NUMBER	NUMBER	NUMBER	NUMBER
WHOLESALE AND MANUFACTURING:				
ESTABLISHMENTS	57	10	48	223
PERSONS ENGAGED:				
AVERAGE FOR SEASON	634	158	762	3,167
AVERAGE FOR YEAR	342	43	479	1,989

GREAT LAKES FISHERIES

SUMMARY OF MANUFACTURED PRODUCTS, 1962

(VALUE IN THOUSANDS OF DOLLARS)

ITEM	QUANTITY	VALUE
FRESH AND FROZEN PACKAGED:		
NOT BREADED:		
FISH FILLETS, STEAKS, AND PORTIONS	1,000 POUNDS	8,236
SHELLFISH	DO	359
BREADED:		
PORTIONS AND STICKS	DO	25,624
SHELLFISH	DO	159
CURED FISH	DO	20,196
MISCELLANEOUS	-	-
TOTAL	-	25,583

VALUE OF MANUFACTURED PRODUCTS, BY STATES, 1962

(THOUSANDS OF DOLLARS)

STATE	VALUE
NEW YORK	694
PENNSYLVANIA	171
OHIO	10,668
MICHIGAN	4,205
ILLINOIS	6,931
WISCONSIN	3,105
MINNESOTA	149
TOTAL	25,583



GREAT LAKES FISHERIES

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LAKE ONTARIO - OPERATING UNITS AND FISHING EFFORT BY GEAR, 1962

ITEM	HAUL SEINES, COMMON	TRAP NETS	FYKE AND HOOP NETS	GILL NETS			
				1-1/4 - 2 INCH MESH	2-1/8 - 3-7/8 INCH MESH	4 - 7 INCH MESH	7-1/8 - 14 INCH MESH
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS:							
PART-TIME	-	-	-	-	-	4	-
CASUAL	-	-	-	-	9	9	4
ON BOATS AND SHORE:							
PART-TIME	-	-	-	-	-	-	-
CASUAL	4	21	13	1	7	6	1
TOTAL FISHERMEN	4	23	13	1	16	19	5
VESSELS, MOTOR:							
PART-TIME	-	-	-	-	-	1	-
CASUAL	-	-	-	-	2	2	1
TOTAL VESSELS	-	-	-	-	2	3	1
TOTAL GROSS TONNAGE	-	-	-	-	24	32	10
BOATS:							
MOTOR:							
PART-TIME	-	1	-	-	-	-	-
CASUAL	2	20	12	1	7	6	1
TOTAL MOTOR BOATS	2	21	12	1	7	6	1
OTHER, CASUAL	2	-	-	-	-	-	-
TOTAL OTHER BOATS	2	-	-	-	-	-	-
DAYS OPERATED:							
FISHERMEN:							
ON VESSELS	-	-	-	-	42	582	8
ON BOATS AND SHORE	16	519	219	2	49	28	4
TOTAL FISHERMEN DAYS	16	519	219	2	91	610	12
CRAFT:							
VESSELS	-	-	-	-	10	145	2
BOATS, MOTOR	8	407	199	2	49	28	4
TOTAL CRAFT DAYS	8	407	199	2	59	173	6
FISHING EFFORT:							
LIFTS	-	1,997	766	-	-	639	-
LIFTS PER 1,000 LINEAR YARDS	16	-	-	1	76	-	12

SEE NOTE ON PAGE 307.

LAKE ERIE - OPERATING UNITS AND FISHING EFFORT BY GEAR, 1962

ITEM	HAUL SEINES, COMMON	OTTER TRAWLS, FISH	POUND NETS	TRAP NETS	FYKE AND HOOP NETS
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS:					
PART-TIME	-	3	2	103	-
CASUAL	6	4	-	68	-
ON BOATS AND SHORE:					
REGULAR	6	-	-	-	-
PART-TIME	92	-	-	3	-
CASUAL	194	-	-	17	13
TOTAL FISHERMEN	298	7	2	191	13
VESSELS, MOTOR:					
PART-TIME	-	1	1	40	-
CASUAL	1	1	-	25	-
TOTAL VESSELS	1	2	1	66	-
TOTAL GROSS TONNAGE	10	32	7	846	-

(CONTINUED ON NEXT PAGE)

GREAT LAKES FISHERIES

LAKE ERIE - OPERATING UNITS AND FISHING
EFFORT BY GEAR, 1962 - Continued

ITEM	HAUL SEINES, COMMON	OTTER TRAWLS, FISH	POUNO NETS	TRAP NETS	FYKE AND HOOP NETS
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
BOATS:					
MOTOR:					
REGULAR	1	-	-	-	-
PART-TIME	19	-	-	1	-
CASUAL	54	-	-	8	9
TOTAL MOTOR BOATS	74	-	-	9	9
OTHER:					
REGULAR	1	-	-	-	-
PART-TIME	19	-	-	-	-
CASUAL	55	-	-	-	-
TOTAL OTHER BOATS	75	-	-	-	-
DAYS OPERATED:					
FISHERMEN:					
ON VESSELS	306	433	164	13,074	-
ON BOATS AND SHORE	14,910	-	-	648	265
TOTAL FISHERMEN DAYS	15,216	433	164	13,722	265
CRAFT:					
VESSELS	51	129	82	5,047	-
BOATS, MOTOR	3,235	-	-	286	149
TOTAL CRAFT DAYS	3,286	129	82	5,333	149
FISHING EFFORT:					
LIFTS	-	-	245	65,042	567
HOURS TRAWLED	-	354	-	-	-
GILL NETS					
ITEM	2-1/8 - 3-7/8 INCH MESH	4 - 7 INCH MESH	7-1/8 - 14 INCH MESH	LINES, LONG OR SET WITH HOOKS	DIP NETS
	NUMBER	NUMBER	NUMBER		
FISHERMEN:					
ON VESSELS:					
REGULAR	10	-	-	-	-
PART-TIME	53	6	-	-	-
CASUAL	40	75	-	5	-
ON BOATS AND SHORE:					
REGULAR	3	-	-	-	-
PART-TIME	6	-	-	28	-
CASUAL	32	46	3	246	5
TOTAL FISHERMEN	144	127	3	279	5
VESSELS, MOTOR:					
REGULAR	3	-	-	-	-
PART-TIME	15	2	-	-	-
CASUAL	13	22	-	2	-
TOTAL VESSELS	31	24	-	2	-
TOTAL GROSS TONNAGE	431	332	-	22	-
BOATS, MOTOR:					
REGULAR	1	-	-	-	-
PART-TIME	3	-	-	20	-
CASUAL	20	28	2	184	5
TOTAL MOTOR BOATS	24	28	2	204	5
DAYS OPERATED:					
FISHERMEN:					
ON VESSELS	6,838	1,858	-	72	-
ON BOATS AND SHORE	1,532	987	8	5,221	22
TOTAL FISHERMEN DAYS	10,370	2,845	8	5,293	22
CRAFT:					
VESSELS	2,592	538	-	26	-
BOATS, MOTOR	718	525	7	4,278	22
TOTAL CRAFT DAYS	3,310	1,063	7	4,304	22
FISHING EFFORT:					
LIFTS PER 1,000 LINEAR YARDS	11,212	2,330	6	-	-
LIFTS PER 1,000 HOOKS	-	-	-	1,753	-
DAYS FISHEO	-	-	-	-	22

SEE NOTE ON PAGE 307.

GREAT LAKES FISHERIES

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LAKE HURON - OPERATING UNITS AND FISHING EFFORT BY GEAR, 1962

ITEM	HAUL SEINES, COMMON	POUND NETS	TRAP NETS	FYKE AND HOOP NETS	GILL NETS			LINES, LONG OR SET WITH HOOKS
					2-1/8 - 3-7/8 INCH MESH	4 - 7 INCH MESH	7-1/8 - 14 INCH MESH	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN: ON VESSELS:								
REGULAR	-	-	-	-	9	-	-	-
PART-TIME	-	-	21	-	66	-	-	-
CASUAL	4	4	62	3	48	45	7	2
ON BOATS AND SHORE:								
PART-TIME	-	2	23	2	15	2	22	53
CASUAL	47	7	46	14	60	48	30	57
TOTAL FISHERMEN	51	13	152	19	198	95	59	112
VESSELS, MOTOR:								
REGULAR	-	-	-	-	3	-	-	-
PART-TIME	-	-	7	-	22	-	-	-
CASUAL	1	2	22	1	17	15	2	2
TOTAL VESSELS	1	2	29	1	42	15	2	2
GROSS TONNAGE	9	27	313	8	842	220	24	34
BOATS: MOTOR:								
PART-TIME	-	1	11	1	7	1	10	25
CASUAL	23	6	35	10	56	34	20	54
TOTAL MOTOR BOATS	23	7	46	11	63	35	30	79
OTHER, CASUAL	24	-	-	-	-	-	-	-
TOTAL OTHER BOATS	24	-	-	-	-	-	-	-
DAYS OPERATED: FISHERMEN:								
ON VESSELS	28	42	3,642	9	9,743	754	59	67
ON BOATS AND SHORE	841	243	2,874	401	1,881	820	2,304	5,883
TOTAL FISHERMEN DAYS	869	285	6,516	410	11,624	1,574	2,363	5,950
CRAFT: VESSELS	7	21	1,229	3	3,335	249	17	67
BOATS, MOTOR	396	150	1,565	252	1,286	579	1,162	3,179
TOTAL CRAFT DAYS	403	171	2,794	255	4,621	828	1,179	3,246
FISHING EFFORT: LIFTS	-	412	14,027	1,249	-	-	-	-
LIFTS PER 1,000 LINEAR YARDS	279	-	-	-	17,807	9,184	1,198	-
LIFTS PER 1,000 HOOKS	-	-	-	-	-	-	-	4,279

SEE NOTE ON PAGE 307.

LAKE MICHIGAN - OPERATING UNITS AND FISHING EFFORT BY GEAR, 1962

ITEM	HAUL SEINES, COMMON	OTTER TRAWLS, FISH	POUND NETS	TRAP NETS	FYKE AND HOOP NETS
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN: ON VESSELS:					
REGULAR	-	3	-	-	-
PART-TIME	-	24	10	3	2
CASUAL	6	9	28	12	6
ON BOATS AND SHORE:					
PART-TIME	-	-	11	-	25
CASUAL	19	-	61	15	16
TOTAL FISHERMEN	25	36	110	30	49
VESSELS, MOTOR:					
REGULAR	-	1	-	-	-
PART-TIME	-	8	3	1	1
CASUAL	3	3	11	4	2
TOTAL VESSELS	3	12	14	5	3
TOTAL GROSS TONNAGE	51	396	207	91	44

(CONTINUED ON NEXT PAGE)

GREAT LAKES FISHERIES

LAKE MICHIGAN - OPERATING UNITS AND FISHING EFFORT BY GEAR, 1962 - Continued

ITEM	HAUL SEINES, COMMON	OTTER TRAWLS, FISH	POUND NETS	TRAP NETS	FYKE AND HOOP NETS
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
BOATS:					
MOTOR:					
PART-TIME	-	-	5	-	12
CASUAL	10	-	50	12	12
TOTAL MOTOR BOATS	10	-	55	12	24
OTHER, CASUAL	11	-	-	-	-
TOTAL OTHER BOATS	11	-	-	-	-
DAYS OPERATED:					
FISHERMEN:					
ON VESSELS	114	3,810	1,304	440	489
ON BOATS AND SHORE	168	-	2,048	203	2,807
TOTAL FISHERMEN DAYS	282	3,810	3,352	643	3,296
CRAFT:					
VESSELS	71	1,270	445	150	205
BOATS, MOTOR	85	-	1,338	179	1,404
TOTAL CRAFT DAYS	156	1,270	1,783	329	1,609
FISHING EFFORT:					
LIFTS	-	-	3,673	1,645	15,291
LIFTS PER 1,000 LINEAR YARDS	99	-	-	-	-
HOURS TRAWLED	-	8,384	-	-	-

ITEM	GILL NETS				LINES	
	1-1/4 - 2 INCH MESH	2-1/8 - 3-7/8 INCH MESH	4 - 7 INCH MESH	7-1/8 - 14 INCH MESH	HAND	LONG OR SET WITH HOOKS
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS:						
REGULAR	-	116	-	-	-	-
PART-TIME	-	174	6	-	-	-
CASUAL	9	127	141	-	-	-
ON BOATS AND SHORE:						
REGULAR	-	9	-	-	-	-
PART-TIME	-	60	7	2	-	-
CASUAL	54	301	121	13	1	2
TOTAL FISHERMEN	63	807	275	15	1	2
VESSELS, MOTOR:						
REGULAR	-	40	-	-	-	-
PART-TIME	-	62	2	-	-	-
CASUAL	4	48	51	-	-	-
TOTAL	4	150	53	-	-	-
TOTAL GROSS TONNAGE	60	3,392	1,101	-	-	-
BOATS, MOTOR:						
REGULAR	-	3	-	-	-	-
PART-TIME	-	40	3	-	-	-
CASUAL	43	215	73	3	1	2
TOTAL MOTOR BOATS	43	258	76	3	1	2
DAYS OPERATED:						
FISHERMEN:						
ON VESSELS	60	47,153	3,241	-	-	-
ON BOATS AND SHORE	406	13,054	1,733	231	23	41
TOTAL FISHERMEN DAYS	466	60,207	4,974	231	23	41
CRAFT:						
VESSELS	37	16,638	1,147	-	-	-
BOATS, MOTOR	393	7,653	1,239	159	23	41
TOTAL CRAFT DAYS	430	24,491	2,386	159	23	41
FISHING EFFORT:						
LIFTS PER 1,000 LINEAR YARDS	224	64,429	6,015	128	-	-
LIFTS PER 1,000 HOOKS	-	-	-	-	23	19
DAYS FISHED	-	-	-	-	-	-

GREAT LAKES FISHERIES

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LAKE SUPERIOR - OPERATING UNITS AND FISHING EFFORT BY GEAR, 1962

ITEM	HAUL SEINES, COMMON	POUND NETS	TRAP NETS	FYKE AND HOOP NETS	GILL NETS		
					1-1/4 - 2 INCH MESH	2-1/8 - 3-7/8 INCH MESH	4 - 7 INCH MESH
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	
FISHERMEN:							
ON VESSELS:							
REGULAR	-	-	-	-	-	23	-
PART-TIME	-	-	3	-	-	131	36
CASUAL	-	22	3	-	28	100	159
ON BOATS AND SHORE:							
REGULAR	-	-	-	-	-	14	-
PART-TIME	-	3	-	-	2	101	10
CASUAL	2	12	3	1	8	186	112
TOTAL FISHERMEN	2	37	9	1	36	555	317
VESSELS, MOTOR:							
REGULAR	-	-	-	-	-	7	-
PART-TIME	-	-	1	-	-	43	12
CASUAL	-	8	1	-	10	43	57
TOTAL VESSELS	-	8	2	-	10	93	69
TOTAL GROSS TONNAGE	-	107	27	-	159	1,519	1,151
BOATS:							
MOTOR:							
REGULAR	-	-	-	-	-	7	-
PART-TIME	-	1	-	-	1	55	5
CASUAL	1	12	3	1	5	152	83
TOTAL MOTOR BOATS	1	13	3	1	6	214	88
OTHER, CASUAL							
REGULAR	1	-	-	-	-	-	-
CASUAL	1	-	-	-	-	-	-
TOTAL OTHER BOATS	2	-	-	-	-	-	-
DAYS OPERATED:							
FISHERMEN:							
ON VESSELS	-	740	366	-	628	19,936	5,581
ON BOATS AND SHORE	12	474	98	16	247	16,503	2,431
TOTAL FISHERMEN DAYS	12	1,214	464	16	875	36,439	8,012
CRAFT:							
VESSELS	-	257	120	-	229	6,622	1,924
BOATS, MOTOR	6	304	98	16	185	9,840	1,624
TOTAL CRAFT DAYS	6	561	218	16	414	16,462	3,548
FISHING EFFORT:							
LIFTS	-	3,035	1,665	16	-	-	-
LIFTS PER 1,000 LINEAR YARDS	3	-	-	-	206	28,550	12,045

SEE NOTE ON PAGE 307.

LAKE OF THE WOODS, NAMAKAN LAKE, AND RAINY LAKE OPERATING UNITS AND FISHING EFFORT BY GEAR, 1962

ITEM	OTTER TRAWLS, FISH	POUND NETS	TRAP NETS	FYKE AND HOOP NETS	GILL NETS, 2-1/8 - 3-7/8 INCH MESH
FISHERMEN:					
ON VESSELS, PART-TIME					
ON BOATS AND SHORE	6	-	-	-	-
REGULAR	-	-	-	-	6
PART-TIME	-	-	4	-	43
CASUAL	-	4	2	2	7
TOTAL FISHERMEN	6	4	6	2	56
VESSELS, MOTOR, PART-TIME					
REGULAR	2	-	-	-	-

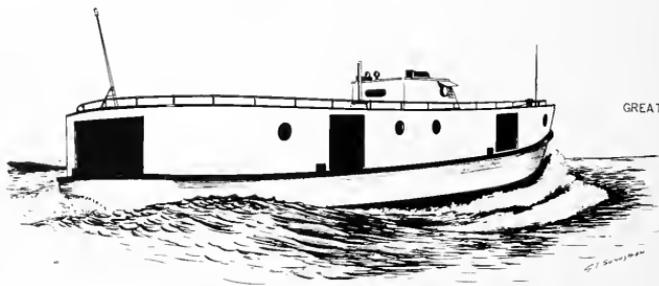
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GREAT LAKES FISHERIES

LAKE OF THE WOODS, NAMAKAN LAKE, AND RAINY LAKE OPERATING UNITS AND FISHING EFFORT BY GEAR, 1962 - Continued

ITEM	OTTER TRAWLS, FISH	POUND NETS	TRAP NETS	FYKE AND HOOP NETS	GILL NETS, 2-1/8 - 3-7/8 INCH MESH
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
GROSS TONNAGE	49	-	-	-	-
BOATS, MOTOR:					
REGULAR	-	-	-	-	3
PART-TIME	-	2	1	1	22
CASUAL	-	-	-	-	4
TOTAL MOTOR BOATS	-	2	3	1	29
DAYS OPERATED:					
FISHERMEN:					
ON VESSELS	720	-	-	-	-
ON BOATS AND SHORE	-	149	490	62	5,679
TOTAL FISHERMEN DAYS	720	149	490	62	5,679
CRAFT:					
VESSELS	240	-	-	-	-
BOATS, MOTOR	-	74	245	31	2,896
TOTAL CRAFT DAYS	240	74	245	31	2,896
FISHING EFFORT:					
LIFTS	-	144	2,133	194	-
LIFTS PER 1,000 LINEAR YARDS	-	-	-	-	2,495
HOURS TRAWLED	1,302	-	-	-	-

NOTE:--THE NUMBER OF DAYS INDICATES FISHING OCCURRED REGARDLESS OF THE AMOUNT OF TIME FISHED DURING A DAY. THE NUMBER OF FISHERMEN AND CRAFT OPERATING AS REGULAR, PART-TIME, AND CASUAL IS BASED ON DAYS OF OPERATION AS FOLLOWS: REGULAR--MORE THAN 161 DAYS; PART-TIME--54 TO 161 DAYS (INCLUSIVE), AND CASUAL--LESS THAN 54 DAYS.



GREAT LAKES TUG

GREAT LAKES FISHERIES

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CATCH BY LAKE, STATE, AND GEAR, 1962

SPECIES	LAKE ONTARIO							
	NEW YORK							
	HAUL SEINES		TRAP NETS		FYKE AND HOOP NETS		GILL NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUE PIKE	-	-	100	\$22	-	-	(1)	\$3
BOWFIN	-	-	2,700	109	200	\$6	-	-
BUFFALOFISH	-	-	(1)	(1)	-	-	-	-
BULLHEADS	3,200	\$899	39,100	10,959	6,800	1,870	(1)	6
BURBOT	100	16	300	39	(1)	4	-	-
CARP	7,400	370	30,900	1,546	400	19	(1)	1
CATFISH	-	-	1,700	215	(1)	19	(1)	3
CISCO	-	-	400	98	-	4	-	-
CRAPPIE	-	-	700	116	100	19	-	-
EELS	(1)	7	24,100	5,298	400	84	-	-
GARFISH	-	-	600	12	-	-	(1)	-
LAKE TROUT	-	-	-	-	-	-	100	11
PIKE OR PICKEREL	-	-	-	-	-	-	-	-
ROCK BASS	-	-	4,400	398	500	42	-	-
SHEEPSHEAD	-	-	(1)	(1)	-	-	-	-
SMELT	-	-	(1)	1	-	-	-	-
SUCKERS	-	-	12,200	365	1,000	31	(1)	(1)
SUNFISH	-	-	10,200	1,224	300	33	-	-
WHITE BASS	100	7	1,100	112	(1)	(1)	-	-
WHITEFISH, COMMON	-	-	600	287	-	-	-	-
WHITE PERCH	-	-	2,600	196	600	40	-	-
YELLOW PERCH	-	-	13,000	1,039	700	54	-	-
YELLOW PIKE	(1)	1	300	110	(1)	1	-	-
TOTAL	10,800	1,300	145,200	22,146	11,000	2,207	100	26

SPECIES	LAKE ONTARIO - CONTINUED							
	NEW YORK - CONTINUED							
	GILL NETS - CONTINUED						TOTAL	
	2-1/8 - 3-7/8 INCH MESH		4 - 7 INCH MESH		7-1/8 - 14 INCH MESH		POUNDS	VALUE
BLUE PIKE	(1)	\$8	-	-	-	-	100	\$33
BOWFIN	-	-	-	-	-	-	2,900	115
BUFFALOFISH	-	-	-	-	-	-	(1)	(1)
BULLHEADS	200	63	(1)	\$1	-	-	49,300	13,798
BURBOT	-	-	100	2	-	-	400	59
CARP	(1)	3	-	-	-	-	38,800	1,938
CATFISH	(1)	100	-	-	-	-	1,700	222
CISCO	(1)	12	2,200	528	-	-	2,700	641
CRAPPIE	(1)	3	-	-	-	-	800	138
EELS	-	-	-	-	-	-	24,500	5,389
GARFISH	-	-	-	-	-	-	600	12
LAKE TROUT	-	-	1,200	668	-	-	1,200	670
PIKE OR PICKEREL	-	-	-	-	-	-	100	11
ROCK BASS	100	13	-	-	-	-	5,000	453
SHEEPSHEAD	(1)	1	-	-	-	-	(1)	1
SMELT	200	32	(1)	(1)	-	-	200	33
STURGEON	-	-	-	-	200	\$254	200	254
SUCKERS	2,900	87	(1)	(1)	-	-	16,100	483
SUNFISH	-	-	-	-	-	-	10,500	1,257
WHITE BASS	2,300	231	5,600	561	-	-	9,100	911
WHITEFISH, COMMON	-	-	26,100	13,850	-	-	26,700	14,137
WHITE PERCH	700	50	-	-	-	-	4,100	236
YELLOW PERCH	9,700	780	-	-	-	-	23,400	1,873
YELLOW PIKE	100	24	14,000	4,920	-	-	14,400	5,056
TOTAL	16,300	1,307	49,200	20,530	200	254	232,800	47,770

SPECIES	LAKE ERIE							
	NEW YORK							
	GILL NETS						TOTAL	
	2-1/8 - 3-7/8 INCH MESH		4 - 7 INCH MESH		7-1/8 - 14 INCH MESH		POUNDS	VALUE
BLUE PIKE	(1)	\$1	-	-	-	-	(1)	\$1
CATFISH	800	196	600	\$128	-	-	1,400	324
CISCO	4,400	1,658	(1)	2	-	-	4,400	1,650
SHEEPSHEAD	200	4	3,000	60	-	-	3,200	64
SMELT	300	22	-	-	-	-	300	22
STURGEON	-	-	-	-	400	\$335	400	335

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

GREAT LAKES FISHERIES

CATCH BY LAKE, STATE, AND GEAR, 1962 - Continued

SPECIES	LAKE ERIE							
	NEW YORK							
	GILL NETS						TOTAL	
	2-1/8 - 3-7/8 INCH MESH		4 - 7 INCH MESH		7-1/8 - 14 INCH MESH			
POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	
SUCKERS	-	-	700	\$13	-	-	700	\$13
WHITE BASS	4,100	\$456	2,200	240	-	-	6,300	696
WHITEFISH:								
COMMON	(1)	5	100	64	-	-	100	69
MENOMINEE	-	-	(1)	1	-	-	(1)	1
YELLOW PERCH	355,800	28,460	300	27	-	-	356,100	28,487
YELLOW PIKE	7,900	3,013	66,500	25,261	-	-	74,400	28,274
TOTAL	373,500	33,815	73,400	25,796	400	\$335	447,300	59,946

SPECIES	LAKE ERIE - CONTINUED					
	PENNSYLVANIA					
	OTTER TRAWLS		POUND NETS		GILL NETS	
	POUNDS	VALUE	POUNDS	VALUE	2-1/8 - 3-7/8 INCH MESH	
				POUNDS	VALUE	
BLUE PIKE	(1)	-	-	-	500	\$193
BULLHEADS	-	\$1	-	-	100	3
BURBOT	200	2	-	-	100	9
CARP	-	-	1,000	\$20	(1)	(1)
CATFISH	-	-	200	23	(1)	9
CISCO	-	-	(1)	3	300	96
SHEEPSHEAD	200	4	4,300	61	1,500	52
SMELT	72,600	2,251	-	-	800	71
SUCKERS	100	2	700	13	400	16
WHITE BASS	-	-	4,700	663	4,800	469
WHITEFISH, COMMON	400	213	100	26	500	242
YELLOW PERCH	8,300	648	38,400	2,638	2,001,700	140,122
YELLOW PIKE	-	-	2,100	815	400	147
TOTAL	81,800	3,121	51,500	4,464	2,011,100	141,429

SPECIES	LAKE ERIE - CONTINUED					
	PENNSYLVANIA - CONTINUED				OHIO	
	GILL NETS - CONTINUED		TOTAL		HAUL SEINES	
	4 - 7 INCH MESH					
POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	
BLUE PIKE	-	-	500	\$193	-	-
BUFFALOFISH	-	-	-	-	38,200	\$2,672
BULLHEADS	-	-	100	4	65,900	6,593
BURBOT	-	-	300	11	(1)	(1)
CARP	-	-	1,000	20	3,154,400	94,633
CATFISH	1,000	\$276	1,200	308	666,000	146,527
CISCO	-	-	300	99	-	-
GIZZARD SHAD	-	-	-	-	2,700	53
GOLDFISH	-	-	-	-	332,000	9,959
MOONEYE AND GOLDEYE	-	-	-	-	600	12
QUILLBACK	-	-	-	-	(1)	1
SHEEPSHEAD	1,400	52	7,400	169	1,917,700	38,355
SMELT	-	-	73,400	2,322	(1)	3
STURGEON	-	-	-	-	(1)	33
SUCKERS	1,000	37	2,200	66	19,200	385
WHITE BASS	(1)	2	9,500	1,134	252,900	35,398
WHITEFISH, COMMON	500	279	1,500	762	-	-
YELLOW PERCH	100	9	2,048,500	143,617	25,400	2,031
YELLOW PIKE	1,600	532	4,100	1,494	27,600	12,207
TOTAL	5,600	1,167	2,150,000	150,201	6,502,600	348,860

SPECIES	LAKE ERIE - CONTINUED							
	OHIO - CONTINUED							
	TRAP NETS		FYKE AND HOOP NETS		GILL NETS			
	POUNDS	VALUE	POUNDS	VALUE	2-1/8 - 3-7/8 INCH MESH		4 - 7 INCH MESH	
				POUNDS	VALUE	POUNDS	VALUE	
BLUE PIKE	200	\$83	-	-	(1)	\$11	200	\$60
BUFFALOFISH	5,300	369	-	-	-	-	-	-

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

GREAT LAKES FISHERIES

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CATCH BY LAKE, STATE, AND GEAR, 1962 - Continued

SPECIES	LAKE ERIE - CONTINUED							
	OHIO - CONTINUED							
	TRAP NETS		FYKE AND HOOP NETS		GILL NETS			
	POUNDS	VALUE	POUNDS	VALUE	2-1/8 - 3-7/8 INCH MESH		4 - 7 INCH MESH	
					POUNDS	VALUE	POUNDS	VALUE
BULLHEADS.	44,900	\$4,486	300	\$26	100	\$7	-	-
BURBOT	1,500	61	-	-	(1)	1	400	\$16
CARP	265,000	7,979	1,900	56	1,600	55	52,000	1,560
CATFISH.	216,500	47,635	1,700	365	3,900	859	9,600	2,106
CISCO.	100	32	-	-	600	210	-	6
GIZZARD SHAD	6,100	122	-	-	-	-	-	1
GOLDFISH	18,200	548	-	-	-	-	-	-
MOONEYE AND GOLDEYE.	100	3	-	-	-	-	-	-
QUILLBACK.	800	15	-	-	-	-	-	-
SAUGER	(1)	-	-	-	-	-	-	-
SHEEPSHEAD	1,465,700	29,314	2,600	52	19,000	380	21,900	438
SMELT.	(1)	-	-	-	100	-	-	-
STURGEON	200	148	-	-	-	-	-	-
SUCKERS.	174,200	3,483	800	16	3,300	65	4,400	87
WHITE BASS	848,600	118,797	34,900	4,891	16,900	2,368	9,600	1,347
WHITFISH, COMMON.	600	323	-	-	100	49	600	305
YELLOW PERCH	4,421,400	353,710	700	57	592,700	47,416	6,400	511
YELLOW PIKE.	133,800	58,869	600	279	26,600	11,708	113,000	49,725
TOTAL.	7,604,200	625,979	43,500	5,743	665,100	63,142	218,100	56,162

SPECIES	LAKE ERIE - CONTINUED					
	OHIO - CONTINUED					
	LINES, LONG OR SET WITH HOOKS		DIP NETS		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUE PIKE.	-	-	-	-	400	\$154
BUFFALOFISH.	-	-	-	-	43,500	3,041
BULLHEADS.	1,300	\$134	(1)	\$1	112,300	11,247
BURBOT	-	-	-	-	1,900	78
CARP	10,300	310	500	15	3,486,900	104,608
CATFISH.	174,600	38,402	(1)	1	1,072,300	235,895
CISCO.	-	-	-	-	700	248
GIZZARD SHAD	-	-	-	-	8,800	177
GOLDFISH	-	-	-	-	350,200	10,507
MOONEYE AND GOLDEYE.	-	-	-	-	700	15
QUILLBACK.	-	-	-	-	600	16
SAUGER	-	-	-	-	(1)	1
SHEEPSHEAD	3,700	74	(1)	-	3,430,600	68,613
SMELT.	-	-	-	-	100	15
STURGEON	-	-	-	-	200	181
SUCKERS.	(1)	(1)	(1)	(1)	201,900	4,036
WHITE BASS	700	101	(1)	(1)	1,163,600	162,902
WHITFISH, COMMON.	-	-	-	-	1,300	677
YELLOW PERCH	200	13	(1)	4	5,046,800	403,742
YELLOW PIKE.	-	-	-	-	301,600	132,788
TOTAL.	190,800	39,034	500	21	15,225,000	1,138,941

SPECIES	LAKE ERIE - CONTINUED					
	MICHIGAN					
	HAUL SEINES		TRAP NETS		FYKE AND HOOP NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH.	(1)	\$1	4,100	\$201	-	-
BULLHEADS.	5,000	695	1,600	219	500	\$69
CARP	1,024,000	31,029	238,700	7,233	11,500	349
CATFISH.	36,500	9,622	14,600	3,844	300	89
PIKE OR PICKEREL	-	-	(1)	1	100	12
ROCK BASS.	-	-	200	35	100	25
SHEEPSHEAD	4,000	104	75,200	1,970	2,900	75
STURGEON	-	-	100	69	-	-
SUCKERS.	-	-	55,800	1,176	700	15
WHITE BASS	2,900	201	201,700	13,813	5,600	385
YELLOW PERCH	500	39	94,600	7,017	1,600	120
YELLOW PIKE.	100	67	51,600	22,578	300	112
TOTAL.	1,073,000	41,758	738,200	58,156	23,600	1,251

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

GREAT LAKES FISHERIES

CATCH BY LAKE, STATE, AND GEAR, 1962 - Continued

SPECIES	LAKE ERIE - CONTINUED					
	MICHIGAN - CONTINUED					
	GILL NETS, 4 - 7 INCH MESH		LINES, LONG OR SET WITH HOOKS		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	-	-	-	-	4,100	\$202
BULLHEADS	-	-	(1)	\$2	7,100	95
CARP	1,300	\$38	100	2	1,275,600	38,651
CATFISH	-	-	200	44	51,600	13,599
PIKE OR PICKEREL	-	-	-	-	100	13
ROCK BASS	-	-	-	-	300	60
SHEEPSHEAD	-	-	200	6	82,300	2,155
STURGEON	-	-	-	-	100	69
SUCKERS	-	-	(1)	(1)	56,500	1,191
WHITE BASS	-	-	-	-	210,200	14,399
YELLOW PERCH	-	-	200	13	96,900	7,189
YELLOW PIKE	900	403	-	-	52,900	23,160
TOTAL	2,200	441	700	67	1,837,700	101,673

SPECIES	LAKE HURON					
	MICHIGAN					
	HAUL SEINES		POUND NETS		TRAP NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	-	-	-	-	2,900	\$58
BOWFIN	-	-	-	-	1,100	49
BULLHEADS	300	\$14	(1)	\$1	6,000	313
CARP	655,600	33,959	-	-	139,200	7,209
CATFISH	17,700	4,528	-	-	50,600	12,942
CRAPPIE	-	-	-	-	9,100	1,974
LAKE HERRING	-	-	-	-	800	104
PIKE OR PICKEREL	2,300	444	-	-	45,700	8,647
QUILLBACK	-	-	-	-	10,500	235
ROCK BASS	(1)	1	-	-	7,300	1,092
SAUGER	-	-	-	-	(1)	(1)
SHEEPSHEAD	(1)	(1)	-	-	27,100	744
SMELT	-	-	25,000	1,102	(1)	(1)
STURGEON	-	-	(1)	41	900	670
SUCKERS	24,100	925	200	9	628,300	24,190
WHITE BASS	-	-	-	-	10,400	1,478
WHITEFISH: COMMON	-	-	9,700	5,241	253,400	137,460
MENOMINEE	-	-	-	-	1,000	219
YELLOW PERCH	1,900	267	600	87	161,100	22,289
YELLOW PIKE	2,100	808	(1)	4	135,700	52,725
TOTAL	704,000	40,946	35,500	6,485	1,491,100	272,598

SPECIES	LAKE HURON - CONTINUED					
	MICHIGAN - CONTINUED					
	FYKE AND HOOP NETS		GILL NETS			
	POUNDS	VALUE	2-1/8 - 3-7/8 INCH MESH		4 - 7 INCH MESH	
POUNDS			VALUE	POUNDS	VALUE	
ALEWIVES	-	-	900	\$19	-	-
BOWFIN	700	\$34	-	-	-	-
BULLHEADS	3,400	176	100	5	-	-
BURBOT	100	15	100	6	-	-
CARP	800	43	(1)	2	3,400	\$175
CATFISH	400	89	-	-	700	177
CHUBS	-	-	2,299,500	432,537	-	-
CRAPPIE	-	-	-	-	200	31
LAKE HERRING	-	-	27,900	3,784	-	-
PIKE OR PICKEREL	3,300	621	7,800	1,480	7,000	1,332
ROCK BASS	1,300	190	-	-	100	12
SAUGER	-	-	600	88	-	-
SHEEPSHEAD	(1)	1	-	-	700	20
SMELT	-	-	4,200	187	-	-
STURGEON	-	-	300	257	(1)	14
SUCKERS	35,300	1,360	3,800	146	14,600	568
WHITE BASS	(1)	1	-	-	-	-
WHITEFISH: COMMON	-	-	(1)	14	42,000	22,754
MENOMINEE	-	-	13,300	2,887	(1)	10
YELLOW PERCH	6,600	1,187	198,500	27,478	1,100	153
YELLOW PIKE	100	54	200	64	18,600	7,207
TOTAL	54,000	3,771	2,557,200	468,954	88,600	32,453

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

GREAT LAKES FISHERIES

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CATCH BY LAKE, STATE, AND GEAR, 1962 - Continued

SPECIES	LAKE HURON - CONTINUED					
	MICHIGAN - CONTINUED					
	GILL NETS - CONTINUED		LINES, LONG OR SET WITH HOOKS		TOTAL	
	7-1/8 - 14 INCH MESH					
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	-	-	-	-	3,800	\$77
BOWFIN	-	-	-	-	1,900	83
BULLHEADS	-	-	(1)	\$1	9,800	510
BURBOT	-	-	-	-	200	21
CARP	837,900	\$43,402	500	29	1,637,400	84,819
CATFISH	2,600	657	104,500	26,742	176,500	45,135
CHUBS	-	-	-	-	2,299,500	432,537
CRAPPIE	-	-	-	-	9,300	2,005
LAKE HERRING	-	-	-	-	28,700	3,888
PIKE OR PICKEREL	2,500	468	-	-	66,600	12,992
QUILLBACK	-	-	-	-	10,500	235
ROCK BASS	(1)	3	-	-	8,700	1,298
SAUGER	-	-	-	-	600	88
SHEEPSHEAD	(1)	(1)	200	5	28,000	770
SMELT	-	-	-	-	29,200	1,289
STURGEON	-	-	-	-	1,200	1,182
SUCKERS	800	31	-	-	707,300	27,229
WHITE BASS	-	-	-	-	10,400	1,479
WHITEFISH:						
COMMON	-	-	-	-	305,100	165,469
MENOMINEE	-	-	-	-	14,300	3,116
YELLOW PERCH	(1)	1	-	-	371,800	51,462
YELLOW PIKE	800	328	-	-	157,500	61,190
TOTAL	844,600	44,690	105,200	26,777	5,880,200	896,874

SPECIES	LAKE MICHIGAN					
	MICHIGAN					
	OTTER TRAWLS				POUND NETS	
	FISH FOR ANIMAL FOOD		FISH FOR HUMAN FOOD			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	320,000	\$3,967	-	-	1,069,700	\$13,253
CARP	-	-	-	-	100	1
CHUBS	944,700	18,893	76,400	\$13,746	(1)	2
LAKE HERRING	100	5	3,000	298	(1)	4
LAKE TROUT	-	-	-	-	(1)	4
SCULPIN	100	1	-	-	-	-
SMELT	300	11	400	15	1,047,000	36,434
STURGEON	-	-	(1)	(1)	100	73
SUCKERS	-	-	-	-	-	-
WHITEFISH:						
COMMON	-	-	2,400	1,254	40,500	20,973
MENOMINEE	-	-	-	-	(1)	5
YELLOW PERCH	-	-	9,000	984	(1)	3
YELLOW PIKE	-	-	-	-	100	44
TOTAL	1,265,200	22,877	91,200	16,297	2,157,500	70,806

SPECIES	LAKE MICHIGAN - CONTINUED					
	MICHIGAN - CONTINUED					
	TRAP NETS		FYKE AND HOOP NETS		GILL NETS	
					1-1/4 - 2 INCH MESH	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	-	-	-	-	900	\$11
BOWFIN	(1)	(1)	-	-	-	-
BULLHEADS	200	88	(1)	(1)	-	-
CARP	1,000	40	-	-	-	-
CATFISH	200	44	-	-	-	-
LAKE HERRING	(1)	1	-	-	-	-
PIKE OR PICKEREL	5,200	538	100	\$10	-	-
ROCK BASS	600	29	(1)	1	-	-
SHEEPSHEAD	200	17	-	-	-	-
SMELT	200	8	-	-	34,800	1,211
STURGEON	300	287	-	-	-	-
SUCKERS	31,300	1,266	500	19	-	-

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

GREAT LAKES FISHERIES

CATCH BY LAKE, STATE, AND GEAR, 1962 - Continued

SPECIES	LAKE MICHIGAN - CONTINUED					
	MICHIGAN - CONTINUED					
	TRAP NETS		FYKE AND HOOP NETS		GILL NETS	
	1-1/4 - 2 INCH MESH					
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
WHITEFISH, COMMON	37,700	\$19,556	-	-	-	-
YELLOW PERCH	17,600	1,937	600	\$63	100	\$8
YELLOW PIKE	25,800	10,390	-	-	-	-
TOTAL	120,300	34,121	1,200	93	35,600	1,230

SPECIES	LAKE MICHIGAN - CONTINUED					
	MICHIGAN - CONTINUED					
	GILL NETS - CONTINUED					
	2-1/8 - 3-7/8 INCH MESH		4 - 7 INCH MESH		7-1/8 - 14 INCH MESH	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	4,000	\$51	200	\$3	-	-
BULLHEADS	400	15	-	-	-	-
BURBOT (1)	(1)	(1)	(1)	(1)	-	-
CARP	-	-	400	16	-	-
CHUBS	2,697,200	485,500	(1)	1	-	-
LAKE HERRING	36,400	3,667	100	12	-	-
LAKE TROUT	100	83	200	117	-	-
PIKE OR PICKEREL	400	39	1,300	130	-	-
ROCK BASS	(1)	(1)	-	-	-	-
SAUGER (1)	(1)	8	(1)	1	-	-
SHEEPSHEAD	-	-	(1)	1	-	-
SMELT	2,300	81	900	30	-	-
STURGEON	-	-	100	85	(1)	\$24
SUCKERS	6,800	274	2,700	107	-	-
WHITEFISH: COMMON (1)	(1)	20	107,600	55,768	-	-
MENOMINEE	9,900	2,939	(1)	2	-	-
YELLOW PERCH	1,005,500	110,608	100	9	-	-
YELLOW PIKE	500	184	33,700	13,561	-	-
TOTAL	3,763,500	603,469	147,300	69,883	(1)	24

SPECIES	LAKE MICHIGAN - CONTINUED					
	MICHIGAN - CONTINUED					
	LINES				TOTAL	
	HAND		LONG OR SET WITH HOOKS			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	-	-	-	-	1,394,600	\$17,295
BOWFIN	-	-	-	-	(1)	(1)
BULLHEADS	-	-	-	-	600	23
BURBOT	-	-	-	-	(1)	(1)
CARP	-	-	(1)	\$1	1,300	58
CATFISH	-	-	(1)	5	200	49
CHUBS	-	-	-	-	3,718,300	518,142
LAKE HERRING	-	-	-	-	39,600	3,987
LAKE TROUT	-	-	-	-	300	204
PIKE OR PICKEREL	-	-	-	-	7,000	717
ROCK BASS	-	-	-	-	600	30
SAUGER	-	-	-	-	(1)	9
SCULPIN	-	-	-	-	100	1
SHEEPSHEAD	-	-	-	-	200	18
SMELT	-	-	-	-	1,085,900	37,790
STURGEON	-	-	800	764	1,300	1,233
SUCKERS	400	\$15	-	-	41,700	1,681
WHITEFISH: COMMON	-	-	-	-	168,200	97,591
MENOMINEE	-	-	-	-	9,900	2,946
YELLOW PERCH	1,100	126	-	-	1,034,000	113,738
YELLOW PIKE	-	-	-	-	60,100	24,199
TOTAL	1,500	141	800	770	7,564,300	819,711

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

GREAT LAKES FISHERIES

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CATCH BY LAKE, STATE, AND GEAR, 1962 - Continued

SPECIES	LAKE MICHIGAN - CONTINUED							
	INDIANA				ILLINOIS			
	GILL NETS, 2-1/8 - 3-7/8 INCH MESH		GILL NETS				TOTAL	
	POUNDS	VALUE	2-1/8 - 3-7/8 INCH MESH		4 - 7 INCH MESH			
POUNDS			VALUE	POUNDS	VALUE	POUNDS	VALUE	
ALEWIVES	1,100	\$13	-	-	-	-	-	-
CARP	-	-	-	-	4,500	\$289	4,500	\$289
CHUBS	-	-	61,700	\$15,840	-	-	61,700	15,840
LAKE HERRING	(1)	3	100	9	-	-	100	9
SUCKERS	1,200	50	-	-	-	-	-	-
YELLOW PERCH	4,100	451	223,300	21,768	-	-	223,300	21,768
TOTAL	6,400	517	285,100	37,617	4,500	289	289,600	37,906

SPECIES	LAKE MICHIGAN - CONTINUED					
	WISCONSIN					
	HAUL SEINES		OTTER TRAWLS			
	POUNDS	VALUE	FISH FOR ANIMAL FOOD		FISH FOR HUMAN FOOD	
POUNDS			VALUE	POUNDS	VALUE	
ALEWIVES	-	-	1,988,900	\$29,833	-	-
BULLHEADS	-	-	-	-	(1)	\$1
CARP	1,037,200	\$41,487	-	-	(1)	(1)
CATFISH	100	9	-	-	-	-
CHUBS	-	-	3,613,600	72,272	134,800	18,877
LAKE HERRING	-	-	-	-	4,000	396
LAKE TROUT	-	-	-	-	(1)	6
PIKE OR PICKEREL	100	14	-	-	(1)	(1)
SCULPIN	-	-	10,600	212	-	-
SHEEPSHEAD	1,100	33	-	-	-	-
SMELT	-	-	-	-	82,600	1,652
SUCKERS	1,100	21	-	-	(1)	(1)
WHITEFISH, COMMON	-	-	-	-	(1)	6
YELLOW PERCH	-	-	-	-	4,500	450
YELLOW PIKE	200	52	-	-	-	-
TOTAL	1,039,800	41,616	5,613,100	102,317	225,900	21,388

SPECIES	LAKE MICHIGAN - CONTINUED					
	WISCONSIN - CONTINUED					
	POUND NETS		TRAP NETS		FYKE AND HOOP NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	1,310,900	\$19,663	-	-	2,000	\$30
BULLHEADS	-	-	-	-	40,900	1,637
BURBOT	-	-	-	-	(1)	3
CARP	100	5	-	-	48,500	1,940
CATFISH	-	-	-	-	100	26
LAKE HERRING	1,000	101	-	-	(1)	3
PIKE OR PICKEREL	-	-	-	-	15,600	1,576
SHEEPSHEAD	-	-	-	-	(1)	1
SMELT	344,600	6,892	-	-	-	-
SUCKERS	3,000	60	100	\$2	173,900	3,478
WHITEFISH, COMMON	14,300	8,172	200	127	-	-
YELLOW PERCH	-	-	(1)	2	844,300	84,429
YELLOW PIKE	(1)	12	-	-	2,700	872
TOTAL	1,673,900	34,905	300	131	1,128,200	93,995

SPECIES	LAKE MICHIGAN - CONTINUED					
	WISCONSIN - CONTINUED					
	GILL NETS					
	1-1/4 - 2 INCH MESH		2-1/8 - 3-7/8 INCH MESH		4 - 7 INCH MESH	
POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	
ALEWIVES	-	-	42,700	\$640	1,900	\$29
BOWFIN	-	-	-	-	(1)	2
BULLHEADS	-	-	500	20	-	-
BURBOT	-	-	100	3	100	7

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

GREAT LAKES FISHERIES

CATCH BY LAKE, STATE, AND GEAR, 1962 - Continued

SPECIES	LAKE MICHIGAN - CONTINUED					
	WISCONSIN - CONTINUED					
	GILL NETS					
	1-1/4 - 2 INCH MESH		2-1/8 - 3-7/8 INCH MESH		4 - 7 INCH MESH	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CARP	-	-	900	\$37	4,500	\$176
CATFISH	-	-	(1)	1	(1)	1
CHUBS	-	-	3,586,400	500,040	400	52
LAKE HERRING	-	-	70,600	7,061	600	60
LAKE TROUT	-	-	100	22	(1)	12
PIKE OR PICKEREL	-	-	1,500	149	11,600	1,164
SHEEPSHEAD	-	-	(1)	(1)	-	-
SMELT	21,100	\$421	9,500	190	2,400	48
SUCKERS	-	-	3,700	75	37,900	757
WHITEFISH:						
COMMON	-	-	900	527	61,900	35,265
MENOMINEE	-	-	1,700	437	-	-
YELLOW PERCH	-	-	1,939,600	193,975	100	13
YELLOW PIKE	-	-	(1)	12	4,300	1,419
CRAWFISH	-	-	(1)	(1)	-	-
TOTAL	21,100	421	5,658,400	703,169	125,700	39,007

SPECIES	LAKE MICHIGAN - CONTINUED				LAKE SUPERIOR	
	WISCONSIN - CONTINUED				MICHIGAN	
	GILL NETS - CONTINUED		TOTAL		HAUL SEINES	
	7-1/8 - 14 INCH MESH					
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	-	-	3,346,400	\$50,195	-	-
BOWFIN	-	-	(1)	2	-	-
BULLHEADS	-	-	41,400	1,658	-	-
BURBOT	-	-	200	13	-	-
CARP	108,600	\$4,345	1,199,600	47,992	-	-
CATFISH	-	-	200	37	-	-
CHUBS	-	-	7,335,200	591,241	-	-
LAKE HERRING	-	-	76,200	7,621	-	-
LAKE TROUT	-	-	100	40	-	-
PIKE OR PICKEREL	-	-	29,000	2,903	-	-
SCULPIN	-	-	10,600	212	-	-
SHEEPSHEAD	-	-	1,100	34	-	-
SMELT	-	-	460,200	9,203	-	-
SUCKERS	-	-	219,700	4,393	-	-
WHITEFISH:						
COMMON	-	-	77,300	44,097	-	-
MENOMINEE	-	-	1,700	437	400	\$65
YELLOW PERCH	-	-	2,788,700	278,869	-	-
YELLOW PIKE	-	-	7,200	2,367	-	-
CRAWFISH	-	-	(1)	(1)	-	-
TOTAL	108,600	4,345	15,595,000	1,041,314	400	65

SPECIES	LAKE SUPERIOR - CONTINUED					
	MICHIGAN - CONTINUED					
	POUND NETS		TRAP NETS		FYKE AND HOOP NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CARP	(1)	(1)	-	-	-	-
LAKE HERRING	100	\$8	-	-	-	-
PIKE OR PICKEREL	-	-	-	-	(1)	\$1
SMELT	63,100	3,433	-	-	-	-
STURGEON	100	46	(1)	\$19	-	-
SUCKERS	700	34	900	46	100	3
WHITEFISH, COMMON	44,400	23,959	126,100	69,116	-	-
YELLOW PERCH	-	-	-	-	(1)	(1)
YELLOW PIKE	100	37	-	-	(1)	1
TOTAL	108,500	27,519	129,000	69,181	100	5

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

GREAT LAKES FISHERIES

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CATCH BY LAKE, STATE, AND GEAR, 1962 - Continued

SPECIES	LAKE SUPERIOR - CONTINUED							
	MICHIGAN - CONTINUED							
	GILL NETS						TOTAL	
	1-1/4 - 2 INCH MESH		2-1/8 - 3-7/8 INCH MESH		4 - 7 INCH MESH			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	-	-	(1)	\$1	(1)	\$1	(1)	\$1
BURBOT	-	-	600	43	400	\$26	1,600	\$1 69
CARP	-	-	-	-	(1)	(1)	(1)	(1)
CATFISH	-	-	(1)	(1)	(1)	(1)	(1)	(1)
CHUBS	-	-	313,100	43,855	100	17	313,200	43,872
LAKE HERRING	-	-	5,895,500	352,549	1,700	102	5,897,300	352,659
LAKE TROUT	-	-	200	145	134,900	83,686	135,100	83,831
PIKE OR PICKEREL	-	-	(1)	2	100	11	100	14
SAUGER	-	-	-	-	(1)	3	(1)	3
SMELT	48,300	\$2,627	(1)	(1)	100	3	111,500	6,063
STURGEON	-	-	-	-	(1)	20	100	87
SUCKERS	-	-	7,800	389	21,400	1,062	30,900	1,534
WHITEFISH:								
COMMON	-	-	300	151	143,200	77,264	316,000	170,490
MENOMINEE	(1)	-	9,800	1,685	500	78	10,700	1,829
YELLOW PERCH	(1)	(1)	2,100	336	(1)	3	2,100	339
YELLOW PIKE	-	-	100	15	300	114	500	167
TOTAL	48,300	2,628	6,229,500	399,171	302,700	162,389	6,818,500	660,958

SPECIES	LAKE SUPERIOR - CONTINUED					
	WISCONSIN					
	POUND NETS		GILL NETS			
			1-1/4 - 2 INCH MESH		2-1/8 - 3-7/8 INCH MESH	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BURBOT	(1)	\$1	(1)	\$2	1,300	\$91
CHUBS	-	-	-	-	695,300	103,990
LAKE HERRING	1,400	47	1,200	43	2,177,600	76,214
LAKE TROUT	4,300	2,562	-	-	500	283
PIKE OR PICKEREL	(1)	1	-	-	-	-
SMELT	339,100	3,391	29,800	298	1,200	13
SUCKERS	4,300	127	-	-	900	28
WHITEFISH:						
COMMON	37,900	18,938	-	-	(1)	3
MENOMINEE	(1)	(1)	-	-	6,700	399
YELLOW PERCH	(1)	2	-	-	(1)	(1)
TOTAL	387,000	25,069	31,000	343	2,883,500	181,021

SPECIES	LAKE SUPERIOR - CONTINUED					
	WISCONSIN - CONTINUED				MINNESOTA	
	GILL NETS - CONTINUED		TOTAL		POUND NETS	
	4 - 7 INCH MESH					
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BURBOT	1,600	\$111	2,900	\$205	-	-
CHUBS	4,500	69	699,800	104,659	-	-
LAKE HERRING	1,300	46	2,181,500	76,350	-	-
LAKE TROUT	114,900	68,975	119,700	71,820	-	-
PIKE OR PICKEREL	-	-	(1)	1	-	-
SMELT	100	1	370,200	3,703	473,300	\$9,500
SUCKERS	9,000	269	14,200	424	-	-
WHITEFISH:						
COMMON	47,200	23,624	85,100	42,565	-	-
MENOMINEE	200	12	6,900	411	-	-
YELLOW PERCH	-	-	(1)	2	-	-
TOTAL	178,800	93,707	3,480,300	300,140	473,300	9,500

SPECIES	LAKE SUPERIOR - CONTINUED					
	MINNESOTA - CONTINUED					
	GILL NETS				TOTAL	
	2-1/8 - 3-7/8 INCH MESH		4 - 7 INCH MESH			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BURBOT	100	\$4	100	\$8	200	\$12
LAKE HERRING	1,826,300	113,964	600	36	1,826,900	114,000

(CONTINUED ON NEXT PAGE)

SEE FOOTNOTE AT END OF TABLE.

GREAT LAKES FISHERIES

CATCH BY LAKE, STATE, AND GEAR, 1962 - Continued

SPECIES	LAKE SUPERIOR - CONTINUED					
	MINNESOTA - CONTINUED					
	GILL NETS				TOTAL	
	2-1/8 - 3-7/8 INCH MESH		4 - 7 INCH MESH			
POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	
LAKE TROUT	500	\$269	1,500	\$806	2,000	\$1,075
SMELT	-	-	-	-	473,300	9,500
SUCKERS	(1)	1	-	-	(1)	1
WHITEFISH; COMMON	200	68	(1)	12	200	80
MINNOMINEE	600	55	(1)	(1)	600	55
TOTAL	1,627,700	114,361	2,200	862	2,303,200	124,723

SPECIES	LAKE OF THE WOODS					
	MINNESOTA					
	OTTER TRAWLS		POUND NETS		TRAP NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	-	-	-	-	100	\$8
BULLHEADS	200	\$10	-	-	900	59
BURBOT	102,000	3,081	78,000	\$2,355	134,600	4,066
MOONEYE AND GOLDEYE	-	-	-	-	(1)	1
PIKE OR PICKEREL	-	-	-	-	10,300	616
QUILLBACK	200	3	-	-	-	-
SAUGER	-	-	-	-	37,800	3,418
SUCKERS	8,400	264	-	-	9,100	276
TULLIBEE	918,100	26,533	16,600	479	446,300	12,898
WHITEFISH, COMMON	-	-	-	-	100	15
YELLOW PERCH	12,900	1,002	-	-	3,600	277
YELLOW PIKE	-	-	-	-	35,100	7,108
TOTAL	1,041,800	30,893	94,600	2,834	677,900	28,742

SPECIES	LAKE OF THE WOODS - CONTINUED					
	MINNESOTA - CONTINUED					
	FYKE AND HOOP NETS		GILL NETS, 2-1/8 - 3-7/8 INCH MESH		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	-	-	-	-	100	\$8
BULLHEADS	800	\$55	1,300	\$85	3,200	209
BURBOT	48,600	1,466	36,500	1,103	399,700	12,071
MOONEYE AND GOLDEYE	-	-	(1)	(1)	(1)	1
PIKE OR PICKEREL	1,000	60	48,600	2,918	59,900	3,594
QUILLBACK	-	-	(1)	(1)	200	3
SAUGER	300	27	49,300	4,456	87,400	7,901
SUCKERS	700	21	152,700	4,796	170,900	5,357
TULLIBEE	(1)	(1)	1,267,000	36,616	2,648,000	76,826
WHITEFISH, COMMON	-	-	-	5	100	20
YELLOW PERCH	300	27	11,500	897	28,300	2,203
YELLOW PIKE	400	78	120,200	24,316	155,700	31,502
TOTAL	52,100	1,734	1,687,100	75,192	3,553,500	139,395

SPECIES	NAMAKAN LAKE		RAINY LAKE					
	MINNESOTA		MINNESOTA					
	GILL NETS, 2-1/8 - 3-7/8 INCH MESH		POUND NETS		GILL NETS, 2-1/8 - 3-7/8 INCH MESH		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BURBOT	3,400	\$103	800	\$10	35,200	\$475	36,000	\$485
MOONEYE AND GOLDEYE	-	-	(1)	(1)	-	-	(1)	(1)
PIKE OR PICKEREL	-	-	900	45	11,500	845	12,400	890
SAUGER	-	-	(1)	(1)	(1)	1	(1)	1
SUCKERS	3,500	111	600	10	25,300	432	25,900	442
TULLIBEE	6,500	189	200	5	31,100	610	31,300	615
WHITEFISH, COMMON	13,000	2,825	2,000	500	10,600	2,100	12,600	2,600
YELLOW PERCH	-	-	(1)	(1)	200	16	200	16
YELLOW PIKE	-	-	1,300	300	22,200	4,500	23,500	4,800
TOTAL	26,400	3,228	5,600	870	136,100	8,979	141,900	9,849

1/ LESS THAN 50 POUNDS OR 50 CENTS.

NOTE:--ADDITIONAL CATCH, NOT INCORPORATED IN ANY OF THE PREVIOUS TABLES OR THE GENERAL REVIEW, WAS TAKEN FROM LAKE WINNEBAGO. BOWFIN, 100 POUNDS VALUED AT \$2; BURBOT, 7,400 POUNDS VALUED AT \$442; CARP, 20,000 POUNDS VALUED AT \$600; MOONEYE, 100 POUNDS VALUED AT \$1; SHEEPSHEAD, 2,944,600 POUNDS VALUED AT \$88,338; AND SUCKERS, 13,800 POUNDS VALUED AT \$276. OPERATING UNITS CONSISTED OF 4 OTTER TRAWLS AND 75 TRAP NETS, ALL DUPLICATES, HAVING FISHED IN LAKE MICHIGAN.

SECTION 9 - MISSISSIPPI RIVER FISHERIES

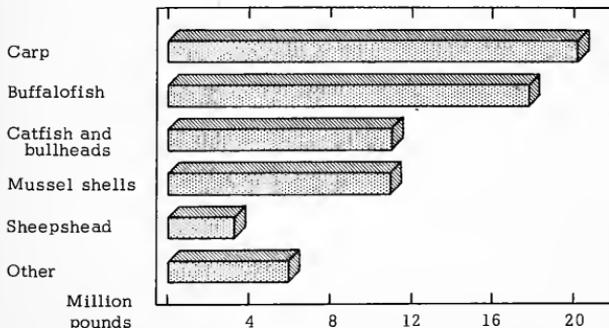
A complete survey of the Mississippi River and its tributaries was made for 1962. Because of budgetary limitations a complete survey was not made for the previous year.

The 1962 commercial catch of fish and shellfish from waters in the Mississippi River drainage area was 69.4 million pounds valued at \$6.5 million. Compared with 1960, this was a decrease of 16.3 million pounds and \$1.3 million. The decline in volume resulted largely from a drop in the production of mussel shells from 23.7 million pounds in 1960 to only 11 million pounds in 1962. Buffalo fish, carp, catfish and bullheads, sheepshead, and mussel shells accounted for 91 percent of the total volume and 88 percent of the total value. The Mississippi River and Tennessee River were the leading producing waters in 1962--accounting for 33 million pounds or 48 percent of the total catch.

Condensed summary data on the operating units and catch by States of the Mississippi River fisheries appearing on the following pages have been previously published in Current Fishery Statistics No. 3408.

The Bureau acknowledges the assistance of the following organizations in the collection of data appearing in this section: Alabama Department of Conservation, Division of Game and Fish, Arkansas Game and Fish Commission; Illinois Department of Conservation; Indiana Department of Conservation; Iowa State Conservation Commission; Kansas Forestry, Fish and Game Commission; Kentucky Department of Fish and Wildlife Resources; Louisiana Wild Life and Fisheries Commission; Missouri State Conservation Commission; Montana State Fish and Game Commission; Nebraska Game, Forestation, and Parks Commission; North Dakota State Game and Fish Department; Oklahoma Game and Fish Department; South Dakota Department of Game, Fish and Parks; Tennessee Game and Fish Commission; Texas Game and Fish Commission; Wisconsin Conservation Department; Wyoming Game and Fish Commission; and the Tennessee Valley Authority, Fish and Game Branch.

MISSISSIPPI RIVER CATCH, 1962



MISSISSIPPI RIVER FISHERIES

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SECTIONAL SUMMARIES SUMMARY OF CATCH, 1962

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

STATE	FISH		SHELLFISH, ETC.		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
ALABAMA	2,140	363	5,726	443	7,866	826
ARKANSAS	4,640	589	437	24	5,277	613
ILLINOIS	5,954	558	409	17	6,363	575
INDIANA	28	4	600	25	628	29
IOWA	2,326	176	(1)	(1)	2,326	176
KANSAS	52	8	-	-	52	8
KENTUCKY	1,777	257	778	37	2,555	294
LOUISIANA	7,571	1,023	2,510	367	10,081	1,410
MINNESOTA	8,039	500	-	(1)	8,040	500
MISSISSIPPI	3,430	393	18	2	3,448	395
MISSOURI	287	35	-	-	287	35
MONTANA	86	9	-	-	86	9
NEBRASKA	308	35	-	-	308	35
NORTH DAKOTA	343	27	-	-	343	27
OKLAHOMA	426	57	-	-	426	57
SOUTH DAKOTA	2,716	116	-	-	2,716	116
TENNESSEE	4,498	602	3,077	195	7,575	797
TEXAS	408	63	-	-	408	63
WISCONSIN	10,365	544	7	1	10,392	545
WYOMING	174	5	-	-	174	5
TOTAL	55,768	5,384	13,565	1,131	69,353	6,515

1/ LESS THAN 500 POUNDS OR \$500.

NOTE---ADDITIONAL CATCH STATISTICS FOR INLAND WATERS OF TEXAS BEYOND THE MISSISSIPPI RIVER DRAINAGE AREA AND NOT INCLUDED IN THIS TABULATION WERE: BUFFALOFISH, 220,200 POUNDS, \$26,424; CARP, 36,400 POUNDS, \$1,456; GARFISH, 15,600 POUNDS, \$468; GULLBACK, 800 POUNDS, \$32; SHEEPSHEAD, 2500 POUNDS, \$250; SUCKERS, 500 POUNDS, \$20; AND SNAPPER TURTLES, 1,300 POUNDS, \$130. ADDITIONAL CATCH STATISTICS FROM INLAND WATERS OF COLORADO NOT INCLUDED IN THIS TABULATION WERE: CARP, 56,000 POUNDS, \$1,960; SUCKERS, 5,000 POUNDS, \$175; AND GIZZARD SHAD, 5,000 POUNDS, \$175.

SUMMARY OF OPERATING UNITS, 1962

ITEM	ALABAMA	ARKANSAS	ILLINOIS	INDIANA	IOWA	KANSAS
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:						
REGULAR	378	431	140	-	103	-
CASUAL	217	804	401	95	353	46
TOTAL	595	1,235	541	95	456	46
BOATS:						
MOTOR	574	1,124	410	43	412	36
OTHER	-	57	28	-	31	2
GEAR:						
HAUL SEINES, COMMON	-	26	45	-	31	2
LENGTH, YARDS	-	7,750	12,715	-	9,167	140
WEIRS	-	-	-	-	9	-
POUND NETS	-	-	-	-	12	-
FYKE AND HOOP NETS	259	6,797	5,360	190	2,991	112
POTS AND TRAPS, FISH	-	-	2,886	-	2,933	-
GILL NETS, ANCHOR, SET						
OR STAKE	75	635	82	-	245	1
SQUARE YARDS	19,620	129,190	7,547	-	17,967	210
TRAMMEL NETS	67	502	367	-	200	28
SQUARE YARDS	15,710	110,050	66,992	-	40,000	2,910
LINES:						
LONG OR SET WITH HOOKS	2,422	3,634	597	59	1,297	93
HOOKS	266,400	190,690	63,760	4,210	129,700	823
SNAG	627	766	82	-	-	-
HOOKS	372,900	253,200	30,000	-	-	-
DIP NETS, COMMON	-	65	-	-	-	-
CROWFOOT BARS	524	76	12	16	-	-

ITEM	KENTUCKY	LOUISIANA	MINNESOTA	MISSISSIPPI	MISSOURI
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:					
REGULAR	372	656	269	236	63
CASUAL	671	914	410	395	174
TOTAL	1,043	1,570	679	631	237
BOATS:					
MOTOR	699	1,532	278	594	235
OTHER	167	-	39	10	2
GEAR:					
HAUL SEINES, COMMON	36	2	39	16	6
LENGTH, YARDS	3,243	2,000	24,353	4,750	745
WEIRS	-	-	76	-	-
POUND NETS	-	-	5	-	-
TRAP NETS	-	-	1	-	-
FYKE AND HOOP NETS	3,320	25,014	1,980	3,205	1,108
POTS AND TRAPS, CRAWFISH	-	16,350	-	-	-

(CONTINUED ON NEXT PAGE)

MISSISSIPPI RIVER FISHERIES

SUMMARY OF OPERATING UNITS, 1962 - Continued

ITEM	KENTUCKY	LOUISIANA	MINNESOTA	MISSISSIPPI	MISSOURI
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
GEAR - CONTINUED:					
GILL NETS, ANCHOR, SET					
OR STAKE	59	3,438	272	826	-
SQUARE YARDS	8,147	452,453	386,947	331,100	-
TRAMMEL NETS	184	1,285	-	210	146
SQUARE YARDS	44,586	135,706	-	71,800	26,690
LINES:					
HAND	-	73	-	-	-
HOOKS	-	73	-	-	-
LONG OR SET WITH HOOKS	-	3,654	72	1,175	155
HOOKS	-	325,660	16,618	318,300	15,156
TROT WITH BAITs	1,823	-	-	-	-
BAITs	159,356	-	-	-	-
SNAG	604	-	-	478	-
HOOKS	220,178	-	-	831,750	-
DIP NETS:					
COMMON	-	279	-	20	-
DROP	-	990	-	-	-
CROWFOOT BARS	90	-	-	-	-
GRABS, FROG	-	173	-	-	-
ITEM	MONTANA	NEBRASKA	NORTH DAKOTA	OKLAHOMA	SOUTH DAKOTA
FISHERMEN, ON BOATS AND SHORE:					
REGULAR	1	24	6	40	4
CASUAL	3	106	15	30	35
TOTAL	4	130	21	70	39
BOATS:					
MOTOR	1	120	4	70	8
OTHER	-	10	-	-	4
GEAR:					
HAUL SEINES, COMMON	-	48	2	-	8
LENGTH, YARDS	-	5,944	2,600	-	6,600
FYKE AND HOOP NETS	-	877	96	-	120
POTS AND TRAPS, EEL	-	207	-	-	-
GILL NETS, ANCHOR, SET OR					
STAKE	20	-	12	204	12
SQUARE YARDS	6,700	-	1,700	103,150	12,700
TRAMMEL NETS	-	173	-	40	-
SQUARE YARDS	-	23,067	-	10,600	-
ITEM	TENNESSEE	TEXAS	WISCONSIN	WYOMING	TOTAL
FISHERMEN, ON BOATS AND SHORE:					
REGULAR	589	64	162	-	3,438
CASUAL	662	122	482	4	6,039
TOTAL	1,251	186	644	4	9,477
BOATS:					
MOTOR	1,030	161	433	3	7,767
OTHER	205	-	56	1	612
GEAR:					
HAUL SEINES, COMMON	-	-	50	2	313
LENGTH, YARDS	-	-	24,767	200	104,974
WEIRS	-	-	3	-	88
POUND NETS	-	-	-	-	17
TRAP NETS	-	-	-	-	1
FLOATING TRAPS	-	-	137	-	137
FYKE AND HOOP NETS	5,090	240	849	-	57,608
POTS AND TRAPS:					
CRAWFISH	-	-	-	-	16,350
EEL	-	-	-	-	207
FISH	-	-	1,158	-	6,977
GILL NETS, ANCHOR, SET OR					
STAKE	202	212	135	-	6,430
SQUARE YARDS	61,290	31,490	115,114	-	1,685,325
TRAMMEL NETS	601	29	15	-	3,847
SQUARE YARDS	161,740	4,000	3,363	-	717,214
LINES:					
HAND	-	-	-	-	73
HOOKS	-	-	-	-	73
LONG OR SET WITH HOOKS	4,407	570	268	-	18,423
HOOKS	412,310	39,660	95,237	-	1,878,524
TROT WITH BAITs	-	-	-	-	1,623
BAITs	-	-	-	-	159,356
SNAG	1,605	-	-	-	4,162
HOOKS	756,750	-	-	-	2,464,778
DIP NETS:					
COMMON	3	-	-	-	367
DROP	-	-	-	-	990
CROWFOOT BARS	410	-	-	-	1,128
GRABS, FROG	-	-	-	-	173

MISSISSIPPI RIVER FISHERIES

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CATCH BY STATES, 1962

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	ALABAMA		ARKANSAS		ILLINOIS	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
FISH						
BOWFIN	-	-	4	(1)	14	(1)
BUFFALOFISH	516	62	3,119	360	1,996	191
CARP	326	16	700	28	2,666	124
CATFISH AND BULLHEADS	1,177	294	630	175	787	193
CRAPPIE	-	-	-	-	62	12
EELS, COMMON	-	-	-	-	(1)	(1)
GARFISH	-	-	131	6	12	1
PADOLEFISH	74	6	28	3	27	3
QUILLBACK	1	(1)	16	1	1	(1)
SHEEPSHEAD	46	5	189	14	373	32
STURGEON, SHOVELNOSE, ETC.	-	-	8	1	11	2
SUCKERS	-	-	15	1	3	(1)
TOTAL FISH	2,140	383	4,840	589	5,954	558
SHELLFISH, ETC.						
MUSSEL SHELLS	5,728	433	399	10	400	16
PEARLS AND SLUGS	-	10	-	(1)	-	(1)
TURTLES:						
BABY	-	-	2	12	-	-
SLIDER	-	-	23	(1)	-	-
SNAPPER	-	-	8	1	9	1
SOFT-SHELL	-	-	5	1	-	-
TOTAL SHELLFISH, ETC.	5,728	443	437	24	409	17
GRAND TOTAL	7,868	826	5,277	613	6,363	575

SPECIES	INDIANA		IOWA		KANSAS	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
FISH						
BUFFALOFISH	11	1	715	57	6	1
CARP	3	(1)	939	34	38	5
CATFISH AND BULLHEADS	11	3	332	65	6	2
GIZZARD SHAD	-	-	-	(1)	-	-
MOONEYE	-	-	-	-	(1)	(1)
PADOLEFISH	1	(1)	9	1	(1)	(1)
QUILLBACK	-	-	-	-	2	(1)
SHEEPSHEAD	2	(1)	292	17	(1)	(1)
STURGEON, SHOVELNOSE, ETC.	(1)	(1)	7	1	(1)	(1)
SUCKERS	(1)	(1)	25	1	-	-
TOTAL FISH	28	4	2,326	176	52	8
SHELLFISH, ETC.						
MUSSEL SHELLS	600	24	-	-	-	-
PEARLS AND SLUGS	-	1	(1)	(1)	-	-
TURTLES, SNAPPER	-	-	-	-	-	-
TOTAL SHELLFISH, ETC.	600	25	(1)	(1)	-	-
GRAND TOTAL	628	29	2,326	176	52	8

SPECIES	KENTUCKY		LOUISIANA		MINNESOTA	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
FISH						
BOWFIN	-	-	16	1	19	(1)
BUFFALOFISH	500	60	2,982	360	505	53
BURBOT	-	-	-	-	13	(1)
CARP	433	22	272	10	4,584	100
CATFISH AND BULLHEADS	641	160	2,641	528	1,364	109
GARFISH	1	(1)	700	35	-	(1)
HERRING, LAKE	-	-	-	-	7	(1)
MOONEYE	-	-	-	-	5	1
PADOLEFISH	76	6	135	7	-	-
PIKE OR PICKEREL	-	-	-	-	10	1
QUILLBACK	23	1	-	-	2	(1)
SHEEPSHEAD	59	6	823	82	384	12
STURGEON, SHOVELNOSE, ETC.	7	1	-	-	-	-
SUCKERS	37	1	-	-	57	2
WHITEFISH, COMMON	-	-	-	-	45	11
YELLOW PERCH	-	-	-	-	232	35
YELLOW PIKE	-	-	-	-	788	176
TOTAL FISH	1,777	257	7,571	1,023	8,039	500

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

MISSISSIPPI RIVER FISHERIES

CATCH BY STATES, 1962 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	KENTUCKY		LOUISIANA		MINNESOTA	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
SHELLFISH, ETC.						
CRAWFISH	-	-	2,268	272	-	-
MUSSEL SHELLS	778	36	-	-	-	-
PEARLS AND SLUGS	-	1	-	-	-	-
TURTLES:						
BABY	-	-	15	73	-	(1)
SNAPPER	-	-	164	20	1	(1)
FROGS	-	-	63	22	-	-
TOTAL SHELLFISH, ETC.	778	37	2,510	367	1	(1)
GRAND TOTAL	2,555	294	10,081	1,410	8,040	500

SPECIES	MISSISSIPPI		MISSOURI		MONTANA	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
FISH						
BOWFIN	6	(1)	-	-	-	-
BUFFALOFISH	2,208	225	82	12	72	4
CARP	453	22	107	6	1	(1)
CATFISH AND BULLHEADS	600	138	47	12	13	5
EELS, COMMON	-	-	(1)	(1)	-	-
GARFISH	59	3	-	-	-	-
PAODLEFISH	30	2	12	1	-	-
QUILLBACK	(1)	(1)	9	1	-	-
SHEEPSHEAD	68	3	23	2	-	-
STURGEON, SHOVELNOSE, ETC.	(1)	(1)	5	1	-	-
SUCKERS	6	(1)	2	(1)	-	-
TOTAL FISH	3,430	393	287	35	86	9
SHELLFISH, ETC.:						
TURTLES:						
BABY	(1)	1	-	-	-	-
SNAPPER	15	1	-	-	-	-
SOFT-SHELL	3	(1)	-	-	-	-
TOTAL SHELLFISH, ETC.	18	2	-	-	-	-
GRAND TOTAL	3,448	395	287	35	86	9

SPECIES	NEBRASKA		NORTH DAKOTA		OKLAHOMA	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
FISH						
BUFFALOFISH	11	2	107	11	222	29
CARP	254	20	71	3	96	4
CATFISH AND BULLHEADS	40	13	122	11	54	16
PAODLEFISH	-	-	1	(1)	9	2
QUILLBACK	1	(1)	-	-	5	(1)
SHEEPSHEAD	2	(1)	-	-	29	4
STURGEON, SHOVELNOSE, ETC.	(1)	(1)	-	-	-	-
SUCKERS	-	-	40	2	-	-
WHITE BASS	-	-	-	-	11	2
YELLOW PERCH	(1)	(1)	2	(1)	-	-
TOTAL FISH	308	35	343	27	426	57
GRAND TOTAL	308	35	343	27	426	57

SPECIES	SOUTH DAKOTA		TENNESSEE		TEXAS	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
FISH						
BOWFIN	-	-	12	(1)	-	-
BUFFALOFISH	1,619	68	1,421	142	262	32
CARP	554	11	1,120	45	24	1
CATFISH AND BULLHEADS	68	7	1,551	368	95	28
GARFISH	-	-	-	-	11	(1)
PAODLEFISH	-	-	135	14	3	-
QUILLBACK	-	-	163	5	-	-
SHEEPSHEAD	442	9	83	8	20	2
SUCKERS	13	1	-	-	4	(1)
YELLOW BASS	-	-	2	(1)	-	-
TOTAL FISH	2,716	116	4,498	602	408	63

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

MISSISSIPPI RIVER FISHERIES

341

CATCH BY STATES, 1962 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	SOUTH DAKOTA		TENNESSEE		TEXAS	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
SHELLFISH, ETC.						
MUSSEL SHELLS	-	-	3,076	189	-	-
PEARLS AND SLUGS	-	-	-	4	-	-
TURTLES:						
BABY	-	-	(1)	2	-	-
SNAPPER	-	-	-	(1)	-	-
TOTAL SHELLFISH, ETC. . .	-	-	3,077	195	-	-
GRAND TOTAL	2,716	116	7,575	797	408	63

SPECIES	WISCONSIN		WYOMING		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
FISH						
BOWFIN	11	(1)	-	-	84	1
BUFFALOFISH	1,427	148	-	-	17,783	1,838
BURBOT	35	2	-	-	48	2
CARP	7,438	255	174	5	20,253	711
CATFISH AND BULLHEADS . .	854	113	-	-	11,073	2,260
CRAPPIE	-	-	-	-	62	12
EELS, COMMON	(1)	(1)	-	-	(1)	(1)
GARFISH	8	(1)	-	-	929	45
GIZZARD SHAD	-	-	-	-	7	(1)
HERRING, LAKE	-	-	-	-	7	(1)
MOONEYE	15	(1)	-	-	20	1
PAGOLEFISH	-	-	-	-	537	45
PIKE OR PICKEREL	-	-	-	-	10	1
QUILLBACK	22	1	-	-	245	9
SHEEPSHEAD	463	22	-	-	3,298	218
STURGEON, SHOVELNOSE, ETC.	3	1	-	-	41	7
SUCKERS	107	2	-	-	309	10
WHITE BASS	-	-	-	-	11	2
WHITFISH, COMMON	-	-	-	-	45	11
YELLOW BASS	-	-	-	-	2	(1)
YELLOW PERCH	2	(1)	-	-	236	35
YELLOW PIKE	-	-	-	-	788	176
TOTAL FISH	10,365	544	174	5	55,788	5,384
SHELLFISH, ETC.						
CRAWFISH	-	-	-	-	2,268	272
MUSSEL SHELLS	-	-	-	-	10,981	708
PEARLS AND SLUGS	-	-	-	-	-	16
TURTLES:						
BABY	-	-	-	-	17	88
SLIDER	-	-	-	-	23	(1)
SNAPPER	7	1	-	-	205	24
SOFT-SHELL	-	-	-	-	8	1
FROGS	-	-	-	-	63	22
TOTAL SHELLFISH, ETC. . .	7	1	-	-	13,565	1,131
GRAND TOTAL	10,392	545	174	5	69,353	6,515

1/ LESS THAN 500 POUNDS OR \$500.

NOTE:--CATCH STATISTICS ON THE ALABAMA RIVER AND THE RED LAKE ARE INCLUDED IN THIS TABULATION, ALTHOUGH THEY ARE NOT IN THE MISSISSIPPI RIVER DRAINAGE SYSTEM.



MUSSEL SHELLS

MISSISSIPPI RIVER FISHERIES

CATCH BY WATERS, 1962

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	MISSISSIPPI RIVER		ARKANSAS RIVER		ATCHAFALAYA RIVER	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
BOWFIN	34	1	-	-	5	(1)
BUFFALOFISH	6,343	639	662	83	908	109
CARP	7,244	296	206	9	75	2
CATFISH AND BULLHEADS	2,634	565	203	61	1,555	311
CRAPPIE	30	6	-	-	-	-
EELS, COMMON	1	(1)	-	-	-	-
GARFISH	169	B	31	1	353	18
MOONEYE	4	(1)	-	-	-	-
PADOLEFISH	105	10	15	3	29	1
QUILLBACK	70	2	7	(1)	-	-
SHEEPSHEAD	1,216	78	70	8	459	46
STURGEON, SHOVELNOSE, ETC.	22	3	4	(1)	-	-
SUCKERS	60	3	-	-	-	-
WHITE BASS	-	(1)	11	2	-	-
YELLOW BASS	2	(1)	-	-	-	-
TOTAL FISH	17,954	1,611	1,231	167	3,364	487
SHELLFISH, ETC.	-	-	-	-	-	-
CRAWFISH	39	5	-	-	2,080	250
MUSSEL SHELLS	2	(1)	-	-	-	-
TURTLES:	-	-	-	-	-	-
BABY	3	18	-	-	8	38
SLIDER	14	(1)	-	-	-	-
SNAPPER	58	6	-	-	18	2
SOFT-SHELL	6	1	-	-	-	-
FROGS	6	3	-	-	16	6
TOTAL SHELLFISH, ETC.	130	33	-	-	2,122	296
GRAND TOTAL	18,084	1,644	1,231	167	5,506	783

SPECIES	ILLINOIS RIVER		MISSOURI RIVER		OHIO RIVER	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
BOWFIN	7	(1)	-	-	-	-
BUFFALOFISH	759	65	512	45	411	49
CARP	1,183	52	189	23	327	16
CATFISH AND BULLHEADS	163	35	80	25	429	108
CRAPPIE	32	6	-	-	-	-
EELS, COMMON	-	-	(1)	(1)	-	-
GARFISH	-	-	-	-	1	(1)
GIZZARD SHAD	-	-	7	(1)	-	-
MOONEYE	-	-	(1)	(1)	-	-
PADOLEFISH	1	(1)	3	(1)	53	4
QUILLBACK	-	-	5	(1)	16	1
SHEEPSHEAD	60	4	5	1	32	3
STURGEON, SHOVELNOSE, ETC.	-	-	3	(1)	36	1
SUCKERS	-	-	3	(1)	-	-
TOTAL FISH	2,205	162	807	95	1,314	183
SHELLFISH, ETC.	-	-	-	-	-	-
TURTLES, SNAPPER	3	1	-	-	-	-
TOTAL SHELLFISH, ETC.	3	1	-	-	-	-
GRAND TOTAL	2,208	163	807	95	1,314	183

SPECIES	RED LAKE		RED RIVER		TENNESSEE RIVER	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
BOWFIN	-	-	4	(1)	-	-
BUFFALOFISH	-	-	1,225	151	1,467	159
CARP	-	-	173	7	933	41
CATFISH AND BULLHEADS	(1)	(1)	569	121	2,674	669
GARFISH	-	-	234	12	11	(1)
MOONEYE	5	1	-	-	-	-
PADOLEFISH	-	-	64	3	214	20
PIKE OR PICKEREL	10	-	-	-	9	1
QUILLBACK	-	-	4	(1)	128	4
SHEEPSHEAD	66	2	217	22	125	13
WHITEFISH, COMMON	29	4	-	-	-	-
YELLOW PERCH	202	31	-	-	-	-
YELLOW PIKE	788	176	-	-	-	-
TOTAL FISH	1,100	215	2,510	316	5,552	906

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

MISSISSIPPI RIVER FISHERIES

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CATCH BY WATERS, 1962 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	RED LAKE		RED RIVER		TENNESSEE RIVER	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
SHELLFISH, ETC.						
CRAWFISH	-	-	149	18	-	-
MUSSEL SHELLS	-	-	-	-	9,432	651
PEARLS AND SLUGS	-	-	-	-	-	15
TURTLES:						
BABY	-	-	4	19	-	-
SNAPPER	-	-	99	12	1	(1)
FROGS	-	-	25	9	-	-
TOTAL SHELLFISH, ETC.	-	-	277	58	9,433	666
GRAND TOTAL	1,100	215	2,787	374	14,985	1,572

SPECIES	BOEUF RIVER		CUMBERLAND RIVER		WABASH RIVER	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
FISH						
BOWFIN	1	(1)	-	-	-	-
BUFFALOFISH	139	17	99	11	15	2
CARP	22	1	75	3	28	2
CATFISH AND BULLHEADS	51	10	90	23	12	3
GARFISH	24	1	-	-	-	-
PADDFISH	7	(1)	13	1	-	-
QUILLBACK	-	-	10	(1)	-	-
SHEEPSHEAD	21	2	26	3	2	(1)
STURGEON, SHOVELNOSE, ETC.	-	-	(1)	2	3	(1)
SUCKERS	-	-	(1)	(1)	(1)	(1)
TOTAL FISH	265	31	315	41	60	8
SHELLFISH, ETC.						
MUSSEL SHELLS	-	-	150	6	1,000	40
PEARLS AND SLUGS	-	-	-	-	-	1
TURTLES:						
BABY	1	4	-	-	-	-
SNAPPER	1	(1)	-	-	-	-
FROGS	6	2	-	-	-	-
TOTAL SHELLFISH, ETC.	8	6	150	6	1,000	41
GRAND TOTAL	273	37	465	47	1,060	49

SPECIES	WHITE RIVER		OUACHITA RIVER		INLAND LAKES AND STREAMS	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
FISH						
BOWFIN	1	(1)	9	(1)	23	1
BUFFALOFISH	503	55	1,100	132	3,620	324
BURBOT	-	-	-	-	48	2
CARP	80	3	145	6	9,568	248
CATFISH AND BULLHEADS	178	50	311	65	2,102	213
GARFISH	5	(1)	88	4	13	(1)
HERRING, LAKE	-	-	-	-	7	1
MOONEYE	-	-	-	-	12	(1)
PADDFISH	4	1	29	2	(1)	(1)
QUILLBACK	4	(1)	(1)	(1)	2	(1)
SHEEPSHEAD	48	4	108	11	841	23
STURGEON, SHOVELNOSE, ETC.	2	(1)	-	-	-	-
SUCKERS	7	(1)	-	-	182	6
WHITEFISH, COMMON	-	-	-	-	17	7
YELLOW PERCH	-	-	-	-	34	4
TOTAL FISH	832	113	1,790	220	16,469	829
SHELLFISH, ETC.						
MUSSEL SHELLS	397	10	-	-	-	-
PEARLS AND SLUGS	-	(1)	-	-	-	-
TURTLES:						
BABY	-	-	2	9	-	-
SLIDER	-	-	-	-	9	(1)
SNAPPER	1	(1)	20	2	3	(1)
SOFT-SHELL	1	(1)	-	-	1	(1)
FROGS	-	-	8	3	-	-
TOTAL SHELLFISH, ETC.	399	10	30	14	13	(1)
GRAND TOTAL	1,231	123	1,820	234	16,482	829

1/ LESS THAN 500 POUNDS OR \$500.

NOTE:--CATCH STATISTICS ON THE ALABAMA RIVER AND THE RED LAKE ARE INCLUDED IN THIS TABULATION, ALTHOUGH THEY ARE NOT IN THE MISSISSIPPI RIVER DRAINAGE SYSTEM.

MISSISSIPPI RIVER FISHERIES

MANUFACTURED FISHERY PRODUCTS, 1962

ITEM	STATE		QUANTITY	VALUE
BUFFALOFISH, SMOKED	IOWA	POUNDS	(1)	(1)
CARP, SMOKED	ILLINOIS, IOWA, WISCONSIN	DO	219,800	\$67,310
CHUBS, SMOKED	WISCONSIN	DO	(1)	(1)
FLOUNDER, SPECIALTIES, FROZEN	TEXAS	DO	(1)	(1)
HALIBUT, SMOKED	IOWA, NORTH DAKOTA	DO	30,200	24,018
HERRING, SMOKED OR PICKLED	MINNESOTA, WISCONSIN	DO	317,600	98,698
LAKE TROUT, SMOKED	IOWA, MINNESOTA, WISCONSIN	DO	5,200	3,908
SABLEFISH, SMOKED	WISCONSIN	DO	(1)	(1)
SALMON, SMOKED	IOWA, NORTH DAKOTA, WISCONSIN	DO	40,300	39,990
STURGEON, SMOKED	IOWA	DO	(1)	(1)
WHITEFISH, SMOKED	MINNESOTA, NORTH DAKOTA, WISCONSIN	DO	25,000	14,525
WHITING, SMOKED	IOWA, NEBRASKA	DO	92,500	40,675
CRABS, SPECIALTIES, FROZEN	TEXAS	DO	(1)	(1)
SHRIMP:				
HEADLESS, RAW, FROZEN (INCLUDES PEELED AND DEVEINED)	TEXAS	DO	(1)	(1)
BREADED	OKLAHOMA, TEXAS	DO	3,520,900	2,661,925
SPECIALTIES	TEXAS	DO	(1)	(1)
OYSTERS, BREADED, FROZEN	TEXAS	DO	(1)	(1)
TURTLE SOUP, CANNED	OHIO	STANDARD CASES	(1)	(1)
MUSSEL SHELLS:				
BUTTONS	IOWA	GROSS	779,623	746,685
COLORED CHIPS	ILLINOIS, IOWA	TONS	700	59,500
LIME AND DUST	ILLINOIS, IOWA	DO	1,200	22,850
UNCLASSIFIED:				
PACKAGED FISH, FROZEN:				
STICKS, BREADED, RAW AND COOKED	MISSOURI	POUNDS	-	(2)
PORTIONS:				
NOT BREADED	KENTUCKY, MISSOURI	DO	70,868	21,126
BREADED, RAW AND COOKED	KENTUCKY, MISSOURI, OKLAHOMA	DO	4,816,108	1,685,143
CANNED ANIMAL FOOD	NEBRASKA, KANSAS	STANDARD CASES	-	-
MISCELLANEOUS			123,944	425,163
TOTAL			-	9,076,503

1/ INCLUDED WITH UNCLASSIFIED PRODUCTS. 2/ INCLUDED WITH MISCELLANEOUS ITEMS.

NOTE:--SOME OF THE ABOVE PRODUCTS MAY HAVE BEEN MANUFACTURED FROM RAW PRODUCTS IMPORTED FROM ANOTHER STATE OR A FOREIGN COUNTRY; THEREFORE, THEY CANNOT BE CORRELATED DIRECTLY WITH THE CATCH WITHIN THE STATE.

VALUE OF MANUFACTURED PRODUCTS, BY STATES, 1962

(THOUSANDS OF DOLLARS)

STATE	VALUE
IOWA	925
ILLINOIS AND KENTUCKY	492
MINNESOTA	259
WISCONSIN	37
MISSOURI, NEBRASKA, AND NORTH DAKOTA	3,989
OKLAHOMA, TEXAS, OHIO, AND KANSAS	3,376
TOTAL	9,077

WHOLESALE AND MANUFACTURING, 1962

ITEM	ALA- BAMA	ARKAN- SAS	ILLI- NOIS	INDI- ANA	IOWA	KANSAS	KEN- TUCKY	LOUIS- IANA	MINNE- SOTA	MISSIS- SIPPI	TOTAL
WHOLESALE AND MANUFACTURING; ESTABLISHMENTS	NUMBER 16	NUMBER 53	NUMBER 42	NUMBER 11	NUMBER 36	NUMBER 6	NUMBER 18	NUMBER 22	NUMBER 21	NUMBER 21	
PERSONS ENGAGED:											
AVERAGE FOR SEASON	92	91	128	73	470	69	120	134	165	38	
AVERAGE FOR YEAR	92	89	105	64	289	69	120	103	114	38	
ITEM	MIS- SOURI	NE- BRASKA	NORTH DAKOTA	OHIO	OKLA- HOMA	SOUTH DAKOTA	TEN- NESSEE	TEXAS	WIS- CONSIN	TOTAL	
WHOLESALE AND MANUFACTURING; ESTABLISHMENTS	NUMBER 39	NUMBER 6	NUMBER 2	NUMBER 1	NUMBER 17	NUMBER 2	NUMBER 34	NUMBER 32	NUMBER 34	NUMBER 413	
PERSONS ENGAGED:											
AVERAGE FOR SEASON	228	46	16	9	69	4	173	306	110	2,341	
AVERAGE FOR YEAR	209	45	12	2	69	2	162	281	103	1,967	

MISSISSIPPI RIVER FISHERIES ALABAMA

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OPERATING UNITS BY GEAR, 1962

ITEM	FYKE AND HOOP NETS	GILL NETS, ANCHOR SET OR STAKE	TRAMMEL NETS	LINES		CROWFOOT BARS	TOTAL, EXCLUSIVE OF DUPLICATION
				LONG OR SET WITH HOOKS	SNAG		
	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u> ^a	<u>NUMBER</u>
FISHERMEN, ON BOATS AND SHORE:							
REGULAR	7	12	24	149	60	115	278
CASUAL	25	5	10	134	54	143	317
TOTAL	32	17	34	283	114	258	595
BOATS, MOTOR GEAR:	32	15	29	267	111	258	574
NUMBER	259	75	67	2,422	127	524	-
SQUARE YARDS	-	19,620	15,710	-	-	-	-
HOOKS	-	-	-	266,400	372,900	-	-

ALABAMA - CATCH BY GEAR, 1962

SPECIES	FYKE AND HOOP NETS		GILL NETS, ANCHOR SET OR STAKE		TRAMMEL NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	49,700	\$5,964	74,500	\$8,940	365,000	\$43,800
CARP	19,600	980	50,000	2,500	243,500	12,175
CATFISH AND BULLHEADS	25,500	6,375	10,000	2,500	18,000	4,500
PADOLEFISH	2,500	200	5,000	400	18,000	1,440
QUILLBACK	100	3	-	-	800	24
SHEEPSHEAD	7,400	740	6,600	660	14,200	1,420
TOTAL	104,800	14,262	146,100	15,000	659,500	63,359

SPECIES	LINES			
	LONG OR SET WITH HOOKS		SNAG	
	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	20,000	\$2,400	7,500	\$900
CARP	10,000	500	3,000	150
CATFISH AND BULLHEADS	825,000	206,250	298,300	74,575
PADOLEFISH	-	-	48,600	3,888
SHEEPSHEAD	15,500	1,550	2,000	200
TOTAL	870,500	210,700	359,400	79,713

SPECIES	CROWFOOT BARS		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	-	-	516,700	\$62,004
CARP	-	-	326,100	16,305
CATFISH AND BULLHEADS	-	-	1,176,800	294,200
PADOLEFISH	-	-	74,100	5,928
QUILLBACK	-	-	900	27
SHEEPSHEAD	-	-	45,700	4,570
MUSSEL SHELLS	5,728,000	\$432,885	5,728,000	432,885
PEARLS AND SLUGS	-	9,973	-	9,973
TOTAL	5,728,000	442,658	7,868,300	825,692

NOTE:--THE INLAND COMMERCIAL FISHERIES OF ALABAMA ARE CONFINED TO THE TENNESSEE RIVER.



CROWFOOT BAR

MISSISSIPPI RIVER FISHERIES

ARKANSAS

OPERATING UNITS BY GEAR, 1962

ITEM	HAUL SEINES	FYKE AND HOOP NETS	GILL NETS, ANCHOR, SET OR STAKE	TRAMMEL NETS	LINES	
					LONG OR SET WITH HOOKS	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	
FISHERMEN, ON BOATS AND SHORE:						
REGULAR	29	304	152	164	242	
CASUAL	36	311	69	49	474	
TOTAL	67	615	221	233	716	
BOATS:						
MOTOR	49	608	220	224	714	
OTHER	9	-	-	-	-	
GEAR:						
NUMBER	26	6,797	635	502	3,634	
LENGTH, YARDS	7,750	-	-	-	-	
SQUARE YARDS	-	-	129,190	110,050	-	
HOOKS	-	-	-	-	190,690	
ITEM	LINES - CONTINUED		OIP NETS, COMMON	CROWFOOT BARS	BY HAND	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER				
FISHERMEN, ON BOATS AND SHORE:						
REGULAR	88	15	-	-	-	431
CASUAL	75	50	38	15	-	804
TOTAL	163	65	38	15	-	1,235
BOATS:						
MOTOR	162	30	-	-	-	1,124
OTHER	-	10	38	-	-	57
GEAR:						
NUMBER	766	65	76	-	-	-
HOOKS	253,200	-	-	-	-	-

ARKANSAS - CATCH BY GEAR, 1962

SPECIES	HAUL SEINES		FYKE AND HOOP NETS		GILL NETS, ANCHOR, SET OR STAKE	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	-	-	2,300	\$106	-	-
BUFFALOFISH	155,000	\$18,118	845,600	96,931	1,059,200	\$121,489
CARP	56,200	2,259	208,500	8,557	194,800	7,928
CATFISH AND BULLHEADS	2,800	802	46,400	12,954	12,300	3,386
GARFISH	15,700	661	16,300	769	33,300	1,512
PADOLEFISH	-	-	3,300	322	4,300	421
QUILLBACK	2,200	90	11,800	496	-	-
SHEEPSHEAD	5,500	403	62,500	4,714	34,400	2,531
STURGEON, SHOVELNOSE, ETC.	-	-	1,500	150	-	-
SUCKERS	2,900	146	8,100	414	2,000	101
TURTLES:						
SLIDER	3,500	59	9,900	168	2,000	34
SNAPPER	-	-	1,700	170	700	70
SOFT-SHELL	-	-	2,600	260	700	70
TOTAL	243,600	22,558	1,220,700	126,031	1,343,700	137,542
SPECIES	TRAMMEL NETS		LINES			
	POUNDS	VALUE	LONG OR SET WITH HOOKS		SNAG	
			POUNDS	VALUE	POUNDS	VALUE
BOWFIN	300	\$12	600	\$24	400	\$19
BUFFALOFISH	1,020,600	117,414	18,100	2,112	20,000	2,308
CARP	213,400	8,714	12,700	518	14,500	571
CATFISH AND BULLHEADS	58,800	16,493	352,700	97,543	157,000	43,409
GARFISH	47,500	2,083	13,700	636	4,900	219
PADOLEFISH	5,400	514	-	-	15,200	1,443
QUILLBACK	-	-	1,300	65	1,000	40
SHEEPSHEAD	36,600	2,717	38,500	2,782	11,700	824
STURGEON, SHOVELNOSE, ETC.	-	-	3,200	354	3,400	356
SUCKERS	2,300	115	-	-	-	-
TURTLES:						
SLIDER	3,000	50	-	-	4,200	71
SNAPPER	1,700	170	2,600	260	1,100	110
SOFT-SHELL	1,100	110	-	-	800	60
TOTAL	1,390,700	148,392	443,400	104,294	234,200	49,450

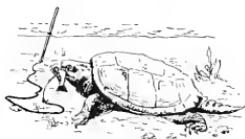
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MISSISSIPPI RIVER FISHERIES

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ARKANSAS - CATCH BY GEAR, 1962 - Continued

SPECIES	DIP NETS		CROWFOOT BARS		BY HAND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
MUSSEL SHELLS	-	-	397,000	\$10,270	2,000	\$20
PEARLS AND SLUGS	-	-	-	280	-	-
TURTLES, BABY	1,900	\$11,723	-	-	-	-
TOTAL	1,900	11,723	397,000	10,550	2,000	20



ARKANSAS - CATCH BY WATERS, 1962

SPECIES	MISSISSIPPI RIVER AND TRIBUTARIES		ARKANSAS RIVER AND TRIBUTARIES		BOEUF RIVER		OUACHITA RIVER	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	600	\$30	-	-	400	\$20	1,400	\$70
BUFFALOFISH	1,335,100	149,930	613,500	\$73,620	19,600	2,352	335,000	40,200
CARP	223,600	8,944	141,500	5,799	15,500	620	81,100	3,648
CATFISH AND BULLHEADS	200,100	50,025	158,500	47,550	2,500	625	26,700	8,036
GARFISH	62,600	2,718	31,000	1,363	2,500	125	14,500	703
PADDLEFISH	14,300	1,330	6,500	650	-	-	-	-
QUILLBACK	5,200	166	5,300	275	100	10	-	-
SHEEPSHEAD	64,200	3,434	43,600	3,662	2,500	250	11,500	1,150
STURGEON, SHOVELNOSE, ETC.	2,100	210	3,500	350	-	-	-	-
SUCKERS	8,000	440	-	-	-	-	-	-
MUSSEL SHELLS	2,000	20	-	-	-	-	-	-
TURTLES:								
BABY	1,900	11,723	-	-	-	-	-	-
SLIDER	13,700	232	-	-	-	-	-	-
SNAPPER	4,600	460	-	-	-	-	-	-
SOFT-SHELL	3,000	300	-	-	-	-	-	-
TOTAL	1,942,000	229,982	1,003,600	133,269	43,100	4,002	472,700	53,832

SPECIES	RED RIVER AND TRIBUTARIES		WHITE RIVER AND TRIBUTARIES		INLAND LAKES AND STREAMS		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	-	-	700	\$21	500	\$20	3,600	\$161
BUFFALOFISH	146,000	\$18,980	502,600	55,286	166,700	20,004	3,118,500	360,372
CARP	47,200	2,360	80,400	2,412	110,800	4,764	700,100	28,547
CATFISH AND BULLHEADS	31,800	9,540	177,700	49,756	30,700	9,055	630,000	174,587
GARFISH	14,100	703	5,000	250	1,700	36	131,400	5,900
PADDLEFISH	2,800	280	4,300	418	200	12	28,200	2,700
QUILLBACK	600	30	3,500	175	-	-	16,300	691
SHEEPSHEAD	11,400	1,140	47,700	3,339	8,300	996	189,200	13,971
STURGEON, SHOVELNOSE, ETC.	-	-	2,900	300	-	-	8,100	860
SUCKERS	-	-	7,300	336	-	-	15,300	776
MUSSEL SHELLS	-	-	397,000	10,270	-	-	399,000	10,250
PEARLS AND SLUGS	-	-	-	-	-	-	-	280
TURTLES:								
BABY	-	-	-	-	-	-	1,900	11,723
SLIDER	-	-	-	-	8,900	150	22,600	382
SNAPPER	-	-	1,200	120	2,000	200	7,600	780
SOFT-SHELL	-	-	1,200	120	1,200	120	5,400	540
TOTAL	253,900	33,035	1,231,100	123,083	331,000	35,357	5,277,400	612,560

MISSISSIPPI RIVER FISHERIES

ILLINOIS

OPERATING UNITS BY GEAR, 1962

ITEM	HAUL SEINES, COMMON	FYKE AND HOOP NETS	POTS AND TRAPS	GILL NETS, ANCHOR SET OR STAKE	TRAMMEL NETS
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:					
REGULAR	32	88	78	14	86
CASUAL	46	230	128	20	164
TOTAL	78	318	206	34	250
BOATS:					
MOTOR	49	271	171	29	204
OTHER	17	3	3	-	2
GEAR:					
NUMBER	45	5,360	2,886	62	367
LENGTH, YARDS	12,715	-	-	-	-
SQUARE YARDS	-	-	-	7,547	66,992

ITEM	LINES		CROWFOOT BARS	BY HAND	TOTAL, EXCLUSIVE OF DUPLICATION
	LONG OR SET WITH HOOKS	SNAG			
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:					
REGULAR	35	1	-	-	140
CASUAL	139	15	6	40	401
TOTAL	174	16	6	40	541
BOATS:					
MOTOR	149	16	-	-	410
OTHER	3	-	6	-	26
GEAR:					
NUMBER	597	82	12	-	-
HOOKS	63,760	30,600	-	-	-

ILLINOIS - CATCH BY GEAR, 1962

SPECIES	HAUL SEINES		FYKE AND HOOP NETS		POTS AND TRAPS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	1,500	\$45	10,600	\$347	-	-
BUFFALOFISH	533,800	52,123	727,300	69,036	300	\$29
CARP	706,200	32,745	1,032,100	48,281	5,700	262
CATFISH AND BULLHEADS	13,100	2,852	264,200	64,442	387,800	95,459
CRAPPIE	200	41	59,200	11,197	800	166
EELS, COMMON	-	-	300	48	100	16
GARFISH	1,600	64	9,700	388	-	-
PADDLEFISH	1,800	224	10,900	1,342	-	-
SHEEPSHEAD	36,900	3,107	262,600	22,156	1,700	144
STURGEON, SHOVELNOSE, ETC.	-	-	5,900	1,103	-	-
SUCKERS	700	30	1,900	93	-	-
TURTLES, SNAPPER	2,600	430	1,700	281	-	-
TOTAL	1,300,400	91,661	2,386,400	218,714	396,400	96,076

SPECIES	GILL NETS, ANCHOR SET OR STAKE		TRAMMEL NETS		LINES	
	POUNDS	VALUE	POUNDS	VALUE	LONG OR SET WITH HOOKS	VALUE
BOWFIN	-	-	1,700	\$56	-	-
BUFFALOFISH	22,600	\$2,330	712,000	67,406	1,800	\$189
CARP	11,100	522	901,000	41,338	7,200	339
CATFISH AND BULLHEADS	500	126	20,600	5,027	96,300	23,935
CRAPPIE	-	-	1,900	355	-	-
GARFISH	-	-	300	12	-	-
PADDLEFISH	2,700	336	9,700	1,192	100	12
QUILLBACK	-	-	500	25	-	-
SHEEPSHEAD	1,200	101	61,300	5,085	8,200	744
STURGEON, SHOVELNOSE, ETC.	-	-	5,000	725	500	75
SUCKERS	-	-	700	32	-	-
TURTLES, SNAPPER	-	-	-	-	4,300	712
TOTAL	38,100	3,415	1,714,700	121,253	116,400	26,006

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MISSISSIPPI RIVER FISHERIES

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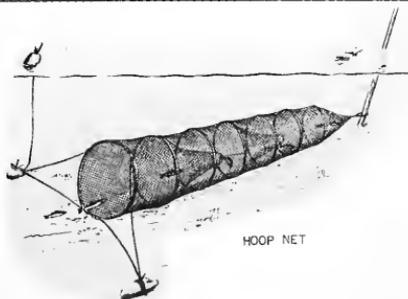
ILLINOIS - CATCH BY GEAR, 1962 - Continued

SPECIES	LINES - CONTINUED		CROWFOOT BARS		BY HAND	
	SNAG		POUNDS	VALUE	POUNDS	VALUE
	POUNDS	VALUE				
BUFFALOFISH	500	\$55	-	-	-	-
CARP	500	25	-	-	-	-
CATFISH AND BULLHEADS	4,500	1,125	-	-	-	-
PADOLEFISH	2,000	200	-	-	-	-
SHEEPSHEAD	1,000	100	-	-	-	-
MUSSEL SHELLS	-	-	120,000	\$4,800	280,000	\$11,200
PEARLS AND SLUGS	-	-	-	100	-	300
TOTAL	8,500	1,505	120,000	4,900	280,000	11,500

ILLINOIS - CATCH BY WATERS, 1962

SPECIES	MISSISSIPPI RIVER AND TRIBUTARIES		ILLINOIS RIVER AND TRIBUTARIES		WABASH RIVER AND TRIBUTARIES	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	6,800	\$233	6,800	\$204	-	-
BUFFALOFISH	1,134,500	112,765	759,300	64,540	9,500	\$1,425
CARP	1,369,000	64,663	1,162,900	52,046	26,300	2,429
CATFISH AND BULLHEADS	562,700	142,642	163,400	35,079	8,000	2,000
CRAPPIE	30,400	6,307	31,700	5,452	-	-
EELS, COMMON	400	64	-	-	-	-
GARFISH	11,600	454	-	-	-	-
PADOLEFISH	22,700	2,630	1,300	156	-	-
SHEEPSHEAD	298,700	23,327	60,100	4,620	1,300	194
STURGEON, SHOVELNOSE, ETC.	5,500	894	-	-	2,800	699
SUCKERS	2,200	94	-	-	100	11
MUSSEL SHELLS	-	-	-	-	400,000	16,000
PEARLS AND SLUGS	-	-	-	-	-	400
TURTLES, SNAPPER	5,500	894	3,100	533	-	-
TOTAL	3,470,000	357,373	2,208,600	162,630	448,000	23,158

SPECIES	OHIO RIVER		INLAND LAKES AND STREAMS		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	-	-	200	\$11	13,800	\$448
BUFFALOFISH	44,000	\$4,840	51,000	7,596	1,996,300	191,168
CARP	24,600	1,230	43,000	2,944	2,665,800	123,512
CATFISH AND BULLHEADS	49,100	12,275	3,800	970	787,000	192,966
CRAPPIE	-	-	-	-	62,100	11,759
EELS, COMMON	-	-	-	-	400	64
GARFISH	-	-	-	-	11,600	464
PADOLEFISH	3,200	320	-	-	27,200	3,306
QUILLBACK	500	25	-	-	300	25
SHEEPSHEAD	12,600	1,260	200	36	372,900	31,437
STURGEON, SHOVELNOSE, ETC.	3,100	310	-	-	11,400	1,903
SUCKERS	1,000	50	-	-	3,300	155
MUSSEL SHELLS	-	-	-	-	400,000	16,000
PEARLS AND SLUGS	-	-	-	-	-	400
TURTLES, SNAPPER	-	-	-	-	8,600	1,423
TOTAL	138,100	20,310	96,200	11,559	6,362,900	575,030



HOOP NET

MISSISSIPPI RIVER FISHERIES INDIANA

OPERATING UNITS BY GEAR, 1962

ITEM	FYKE AND HOOP NETS, FISH	LINES, LONG OR SET WITH HOOKS	CROWFOOT BARS	BY HAND	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE, CASUAL, TOTAL.	29	16	8	60	95
BOATS, MOTOR.	29	16	8	-	43
GEAR:					
NUMBER.	190	59	16	-	-
HOOKS	-	4,210	-	-	-

INDIANA - CATCH BY GEAR, 1962

SPECIES	FYKE AND HOOP NETS		LINES, LONG OR SET WITH HOOKS	
	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	10,100	\$1,010	900	\$90
CARP.	2,500	125	300	15
CATFISH AND BULLHEADS	8,200	2,050	2,800	700
PADDFISH.	500	60	-	-
SHEEPSHEAD.	1,300	130	400	40
STURGEON, SHOVELNOSE, ETC.	300	30	100	10
SUCKERS	100	5	-	-
TOTAL.	23,000	3,410	4,500	855

SPECIES	CROWFOOT BARS		BY HAND	
	POUNDS	VALUE	POUNDS	VALUE
MUSSEL SHELLS	180,000	\$7,200	420,000	\$16,800
PEARLS AND SLUGS.	-	200	-	400
TOTAL.	180,000	7,400	420,000	17,200

INDIANA - CATCH BY WATERS, 1962

SPECIES	OHIO RIVER		WABASH RIVER		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	6,000	\$600	5,000	\$500	11,000	\$1,100
CARP.	800	40	2,000	100	2,800	140
CATFISH AND BULLHEADS	7,500	1,875	3,500	875	11,000	2,750
PADDFISH.	500	60	-	-	500	60
SHEEPSHEAD.	800	80	900	90	1,700	170
STURGEON, SHOVELNOSE, ETC.	-	-	400	40	400	40
SUCKERS	100	5	-	-	100	5
MUSSEL SHELLS	-	-	600,000	24,000	600,000	24,000
PEARLS AND SLUGS.	-	-	-	600	-	600
TOTAL.	15,700	2,660	611,600	26,205	627,500	26,865

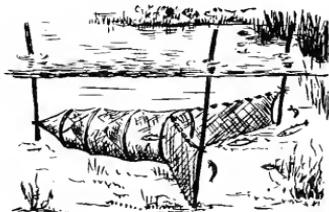
MISSISSIPPI RIVER FISHERIES IOWA

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OPERATING UNITS BY GEAR, 1962

ITEM	HAUL SEINES, COMMON	WEIRS	POUND NETS	FYKE AND HOOP NETS	POTS AND TRAPS
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:					
REGULAR	35	10	10	72	77
CASUAL	38	-	-	247	305
TOTAL	73	10	10	319	382
BOATS:					
MOTOR	29	-	4	319	382
OTHER	31	-	-	-	-
GEAR:					
NUMBER	31	9	12	2,991	2,933
LENGTH, YARDS	9,167	-	-	-	-

ITEM	GILL NETS, ANCHOR SET OR STAKE	TRAMMEL NETS	LINES, LONG OR SET WITH HOOKS	TOTAL, EXCLUSIVE OF DUPLI- CATION
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:				
REGULAR	32	26	61	103
CASUAL	66	118	240	353
TOTAL	98	144	301	456
BOATS:				
MOTOR	92	144	301	412
OTHER	-	-	-	31
GEAR:				
NUMBER	245	200	1,297	-
SQUARE YARDS	17,967	40,000	-	-
HOOKS	-	-	129,700	-



FYKE NET

IOWA - CATCH BY GEAR, 1962

SPECIES	HAUL SEINES		WEIRS		POUND NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	208,600	\$16,583	200	\$12	1,200	\$41
CARP	332,900	12,466	64,400	554	21,100	170
CATFISH AND BULLHEADS	24,900	4,748	-	-	-	-
PADDLEFISH	6,900	902	-	-	-	-
SHEEPSHEAD	111,400	6,359	100	1	-	-
STURGEON, SHOVELNOSE, ETC.	3,100	561	-	-	-	-
SUCKERS	2,400	73	-	-	-	-
TOTAL	690,200	41,692	64,700	567	22,300	211

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MISSISSIPPI RIVER FISHERIES

IOWA - CATCH BY GEAR, 1962 - Continued

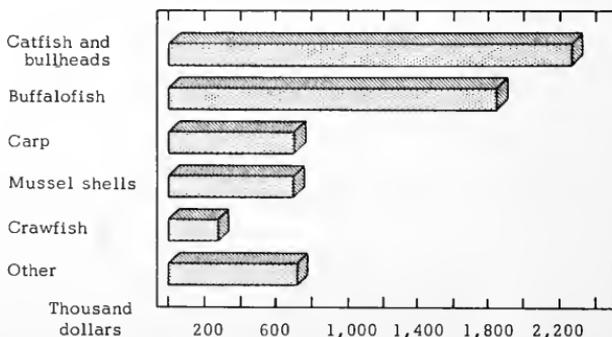
SPECIES	FYKE AND HOOP NETS		POTS AND TRAPS		GILL NETS, ANCHOR SET OR STAKE	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	465,600	\$37,243	700	\$60	29,400	\$2,354
CARP	395,500	15,623	48,000	1,923	44,400	1,624
CATFISH AND BULLHEADS	65,600	12,801	191,700	37,521	-	-
GIZZARD SHAD	3,500	35	3,500	35	-	-
PADOLEFISH	1,900	249	-	-	-	-
SHEEPSHEAD	159,400	9,564	100	5	7,800	416
STURGEON, SHOVELNOSE, ETC.	3,000	540	200	37	-	-
SUCKERS	20,800	623	200	5	-	-
TURTLES, SNAPPER	200	29	-	-	-	-
TOTAL	1,115,700	76,907	244,400	39,586	81,600	4,394

SPECIES	TRAMMEL NETS		LINES, LONG OR SET WITH HOOKS	
	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	8,000	\$639	1,200	\$99
CARP	16,200	650	16,800	670
CATFISH AND BULLHEADS	3,100	624	46,800	8,981
SHEEPSHEAD	3,300	198	9,600	575
STURGEON, SHOVELNOSE, ETC.	500	76	500	81
SUCKERS	1,500	45	100	4
TOTAL	32,600	2,232	75,000	10,410

IOWA - CATCH BY WATERS, 1962

SPECIES	MISSISSIPPI RIVER AND TRIBUTARIES		MISSOURI RIVER		INLAND LAKES AND STREAMS		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	705,300	\$56,421	3,600	\$292	6,000	\$318	714,900	\$57,031
CARP	785,900	31,437	16,200	653	137,200	1,790	939,300	33,880
CATFISH AND BULLHEADS	325,700	63,359	6,600	1,316	-	-	332,300	64,675
GIZZARD SHAD	-	-	7,000	70	-	-	7,000	70
PADOLEFISH	8,800	1,151	-	-	-	-	8,800	1,151
SHEEPSHEAD	263,600	17,016	500	26	7,600	76	291,700	17,118
STURGEON, SHOVELNOSE, ETC.	6,800	1,211	500	84	-	-	7,300	1,295
SUCKERS	23,100	695	1,900	55	-	-	25,000	750
TURTLES, SNAPPER	200	29	-	-	-	-	200	29
TOTAL	2,139,400	171,319	36,300	2,496	150,800	2,184	2,326,500	175,999

VALUE OF MISSISSIPPI RIVER CATCH, 1962



MISSISSIPPI RIVER FISHERIES

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KANSAS

OPERATING UNITS BY GEAR, 1962

ITEM	HAUL SEINES, COMMON	FYKE AND HOOP NETS, FISH	GILL NETS, ANCHOR SET OR STAKE	TRAMMEL NETS	LINES, LONG OR SET WITH HOOKS	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE, CASUAL	3	19	1	29	17	46
TOTAL	3	19	1	29	17	46
BOATS:						
MOTOR	3	19	1	23	17	35
OTHER	-	-	-	2	-	2
GEAR:						
NUMBER	2	112	1	2B	93	-
LENGTH YARDS	140	-	-	-	-	-
SQUARE YARDS	-	-	210	2,910	-	-
HOOKS	-	-	-	-	623	-

KANSAS - CATCH BY GEAR, 1962

SPECIES	HAUL SEINES		FYKE AND HOOP NETS		GILL NETS, ANCHOR SET OR STAKE	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	300	\$60	2,100	\$420	100	\$20
CARP	5,200	624	12,000	1,440	300	36
CATFISH AND BULLHEADS	400	120	1,800	540	-	-
MOONEYE	100	15	-	-	-	-
QUILLBACK	-	-	1,700	170	200	20
TOTAL	6,000	819	17,600	2,570	600	76

SPECIES	TRAMMEL NETS		LINES, LONG OR SET WITH HOOKS		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	2,800	\$560	-	-	5,300	\$1,060
CARP	19,600	2,352	900	\$108	38,000	4,560
CATFISH AND BULLHEADS	1,800	540	1,800	540	5,800	1,740
MOONEYE	-	-	-	-	100	15
PADDLEFISH	200	50	-	-	200	50
QUILLBACK	500	50	-	-	2,400	240
SHEEPSHEAD	200	24	-	-	200	24
STURGEON, SHOVELNOSE, ETC.	-	-	100	30	100	30
TOTAL	25,100	3,576	2,800	678	52,100	7,719

NOTE:--THE COMMERCIAL FISHERIES OF KANSAS ARE CONFINED TO THE MISSOURI RIVER.

KENTUCKY

OPERATING UNITS BY GEAR, 1962

ITEM	HAUL SEINES, COMMON	FYKE AND HOOP NETS, FISH	GILL NETS, ANCHOR SET OR STAKE	TRAMMEL NETS	LINES	
					TROT WITH BAITS	SNAG
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:						
REGULAR	5	289	17	25	251	75
CASUAL	18	372	33	66	268	112
TOTAL	23	661	50	113	539	187
BOATS:						
MOTOR	14	484	25	72	363	149
OTHER	4	111	17	25	130	19
GEAR:						
NUMBER	36	3,320	59	184	1,623	604
LENGTH, YARDS	3,243	-	-	-	-	-
SQUARE YARDS	-	-	8,147	44,586	-	-
HOOKS OR BAITS	-	-	-	-	159,356	220,176

MISSISSIPPI RIVER FISHERIES

KENTUCKY - OPERATING UNITS BY GEAR, 1962 - Continued

ITEM	CROWFOOT BARS		BY HAND		TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER		NUMBER		NUMBER
FISHERMEN, ON BOATS AND SHORE:					
REGULAR	-		-		372
CASUAL	45		12		671
TOTAL	45		12		1,043
BOATS:					
MOTOR	45		12		699
OTHER	-		-		167
GEAR, NUMBER	90		-		-

KENTUCKY - CATCH BY GEAR, 1962

SPECIES	HAUL SEINES		FYKE AND HOOP NETS		GILL NETS, ANCHOR SET OR STAKE		TRAMMEL NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	23,900	\$2,865	206,200	\$24,749	10,700	\$1,278	147,300	\$17,671
CARP	7,000	349	262,300	13,118	13,400	669	55,300	2,763
CATFISH AND BULLHEADS	1,800	442	294,500	73,638	5,100	1,487	7,700	1,924
GARFISH	-	-	600	19	-	-	-	-
PADDFISH	600	51	24,200	1,927	1,400	114	3,600	284
QUILLBACK	-	-	17,100	511	300	9	200	6
SHEEPSHEAD	-	-	37,000	3,701	100	10	-	-
STURGEON, SHOVELNOSE, ETC.	100	6	3,500	347	-	-	600	53
SUCKERS	700	28	24,600	983	100	4	5,000	202
TOTAL	34,100	3,741	870,000	118,993	31,100	3,571	219,700	22,903

SPECIES	LINES				CROWFOOT BARS		BY HAND	
	TROT WITH BAITS		SNAG		POUNDS	VALUE	POUNDS	VALUE
	POUNDS	VALUE	POUNDS	VALUE				
BUFFALOFISH	56,100	\$6,729	55,800	\$6,691	-	-	-	-
CARP	88,600	4,429	6,100	305	-	-	-	-
CATFISH AND BULLHEADS	266,600	66,670	65,300	16,342	-	-	-	-
GARFISH	600	19	-	-	-	-	-	-
PADDFISH	7,700	616	38,900	3,108	-	-	-	-
QUILLBACK	5,700	171	-	-	-	-	-	-
SHEEPSHEAD	21,700	2,166	-	-	-	-	-	-
STURGEON, SHOVELNOSE, ETC.	2,400	234	-	-	-	-	-	-
SUCKERS	6,700	267	-	-	-	-	-	-
MUSSEL SHELLS	-	-	-	-	628,000	\$29,640	150,000	\$6,268
PEARLS AND SLUGS	-	-	-	-	-	750	-	-
TOTAL	456,100	81,301	166,100	26,446	628,000	30,390	150,000	6,268

KENTUCKY - CATCH BY WATERS, 1962

SPECIES	MISSISSIPPI RIVER		CUMBERLAND RIVER		OHIO RIVER AND TRIBUTARIES	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	16,000	\$2,152	16,600	\$2,020	361,400	\$43,354
CARP	28,100	1,404	24,200	1,206	301,900	15,093
CATFISH AND BULLHEADS	12,700	3,175	35,400	8,855	372,200	93,297
GARFISH	-	-	-	-	1,200	38
PADDFISH	600	44	6,500	519	49,000	3,919
QUILLBACK	-	-	8,100	242	15,200	455
SHEEPSHEAD	-	-	15,700	1,574	18,900	1,884
STURGEON, SHOVELNOSE, ETC.	1,000	89	200	16	5,400	535
SUCKERS	100	6	1,600	63	35,400	1,415
MUSSEL SHELLS	-	-	150,000	6,268	-	-
TOTAL	60,500	6,870	258,500	20,763	1,160,600	159,990

SPECIES	TENNESSEE RIVER		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	103,600	\$12,457	500,000	\$59,983
CARP	78,500	3,930	1,200	21,633
CATFISH AND BULLHEADS	220,700	55,176	641,000	160,503
GARFISH	-	-	1,200	38
PADDFISH	20,300	1,618	76,400	6,100
QUILLBACK	-	-	23,300	697
SHEEPSHEAD	24,200	2,419	58,800	5,877
STURGEON, SHOVELNOSE, ETC.	-	-	6,600	640
SUCKERS	-	-	37,100	1,484
MUSSEL SHELLS	628,000	29,640	778,000	35,908
PEARLS AND SLUGS	-	750	-	750
TOTAL	1,075,500	105,990	2,555,100	293,613

MISSISSIPPI RIVER FISHERIES

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LOUISIANA

OPERATING UNITS BY GEAR, 1962

ITEM	HAUL SEINES, COMMON	FYKE AND HOOP NETS, FISH	POTS AND TRAPS, CRAWFISH	GILL NETS, ANCHOR SET OR STAKE	TRAMMEL NETS
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:					
REGULAR	6	625	99	552	316
CASUAL	-	545	355	410	175
TOTAL	6	1,170	454	962	491
BOATS, MOTOR	2	1,143	454	951	479
GEAR:					
NUMBER	2	25,014	16,350	3,436	1,285
LENGTH, YARDS	2,000	-	-	-	-
SQUARE YARDS	-	-	-	452,453	135,706

ITEM	LINES		DIP NETS		GRABS, FROG	TOTAL, EXCLUSIVE OF DUPLICATION
	HAND	LONG OR SET WITH HOOKS	COMMON	DROP		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:						
REGULAR	25	627	32	8	41	656
CASUAL	48	841	247	25	132	914
TOTAL	73	1,468	279	33	173	1,570
BOATS, MOTOR	73	1,461	189	-	173	1,532
GEAR:						
NUMBER	73	3,654	279	990	173	-
HOOKS	73	325,660	-	-	-	-

LOUISIANA - CATCH BY GEAR, 1962

SPECIES	HAUL SEINES		FYKE AND HOOP NETS		POTS AND TRAPS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	700	\$35	3,400	\$161	-	-
BUFFALOFISH	65,700	7,884	1,203,200	145,095	-	-
CARP	7,600	300	101,800	3,664	-	-
CATFISH AND BULLHEADS	24,700	4,940	1,182,000	236,400	-	-
GARFISH	6,500	325	57,400	2,870	-	-
PADDLEFISH	1,400	70	30,000	1,500	-	-
SHEEPSHEAD	19,000	1,900	353,900	35,390	-	-
CRAWFISH	-	-	-	-	2,119,500	\$254,340
TURTLES, SNAPPER	20,800	2,496	41,100	4,896	-	-
TOTAL	146,400	17,950	2,972,800	429,976	2,119,500	254,340

SPECIES	GILL NETS, ANCHOR SET OR STAKE		TRAMMEL NETS		LINES HAND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
	BOWFIN	8,700	\$429	5,300	\$260	-
BUFFALOFISH	1,224,500	148,017	488,900	58,668	-	-
CARP	110,400	3,989	51,700	1,989	-	-
CATFISH AND BULLHEADS	413,000	82,600	187,500	37,500	-	-
GARFISH	189,400	9,460	79,400	3,970	-	-
PADDLEFISH	28,500	1,425	13,300	665	-	-
SHEEPSHEAD	306,200	30,620	142,400	14,240	-	-
CRAWFISH	23,700	2,808	13,700	1,644	22,200	\$2,664
TOTAL	2,304,400	279,348	982,200	118,936	22,200	2,664

SPECIES	LINES - CONTINUED		DIP NETS		GRABS	
	LONG OR SET WITH HOOKS		POUNDS	VALUE	POUNDS	VALUE
	POUNDS	VALUE				
CATFISH AND BULLHEADS	834,000	\$166,800	-	-	-	-
GARFISH	366,900	18,345	-	-	-	-
PADDLEFISH	62,200	3,110	-	-	-	-
SHEEPSHEAD	1,500	150	-	-	-	-
CRAWFISH	-	-	148,900	\$17,868	-	-
TURTLES:						
BABY	-	-	14,600	73,000	-	-
SNAPPER	42,000	4,992	-	-	-	-
FROGS	-	-	-	-	63,400	\$22,190
TOTAL	1,306,600	193,397	163,500	90,868	63,400	22,190

MISSISSIPPI RIVER FISHERIES

LOUISIANA - CATCH BY WATERS, 1962

SPECIES	MISSISSIPPI RIVER AND TRIBUTARIES		ATCHAFALAYA RIVER		BOEUF RIVER	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	1,300	\$65	5,300	\$245	400	\$20
BUFFALOFISH	245,600	30,390	907,900	108,948	119,600	14,352
CARP	26,900	1,041	75,300	2,259	6,200	245
CATFISH AND BULLHEADS	203,500	40,700	1,555,200	311,040	48,400	9,680
GARFISH	32,200	1,610	352,600	17,640	21,400	1,050
PADDLEFISH	8,600	430	29,100	1,455	7,500	375
SHEEPSHEAD	45,700	4,570	456,600	45,860	16,300	1,830
CRAWFISH	38,900	4,668	2,080,600	249,672	-	-
TURTLES:						
BABY	700	3,500	7,600	38,000	700	3,500
SNAPPER	25,800	3,060	17,700	2,124	1,100	120
FROGS	6,200	2,870	15,900	5,565	6,100	2,135
TOTAL	637,600	92,904	5,506,900	782,808	229,700	33,317

SPECIES	OUACHITA RIVER		RED RIVER AND TRIBUTARIES		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	7,300	\$365	3,800	\$190	16,100	\$855
BUFFALOFISH	765,200	91,624	943,600	114,150	2,982,300	359,664
CARP	63,500	2,616	99,600	3,781	271,500	9,942
CATFISH AND BULLHEADS	292,900	58,580	551,200	110,240	2,641,200	528,240
GARFISH	78,100	3,655	220,100	11,005	699,600	34,970
PADDLEFISH	28,900	1,445	61,300	3,065	135,400	6,770
SHEEPSHEAD	96,700	9,670	203,700	20,370	823,000	82,300
CRAWFISH	-	-	148,900	17,868	2,268,400	272,208
TURTLES:						
BABY	1,800	9,000	3,800	19,000	14,600	73,000
SNAPPER	20,200	2,424	98,700	11,772	163,500	19,500
FROGS	6,200	2,870	25,000	8,750	63,400	22,190
TOTAL	1,347,800	160,449	2,359,900	320,191	10,081,000	1,409,669

MINNESOTA

OPERATING UNITS BY GEAR, 1962

ITEM	HAUL SEINES, COMMON	WEIRS	POUND NETS	TRAP NETS	FYKE NETS, FISH	GILL NETS, ANCHOR SET OR STAKE	LINES, LONG OR SET WITH HOOKS	TOTAL, EXCLUSIVE OF DUPLI- CATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:								
REGULAR	81	51	3	3	69	166	12	269
CASUAL	160	19	5	-	123	113	67	410
TOTAL	261	70	8	3	192	279	79	679
BOATS:								
MOTOR	53	-	3	1	47	148	66	278
OTHER	37	-	3	-	-	-	-	39
GEAR:								
NUMBER	39	76	5	1	1,980	272	72	-
LENGTH, YARDS	24,353	-	-	-	-	-	-	-
SQUARE YARDS	-	-	-	-	-	386,947	-	-
HOOKS	-	-	-	-	-	-	16,618	-



MISSISSIPPI RIVER FISHERIES

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MINNESOTA - CATCH BY GEAR, 1962

SPECIES	HAUL SEINES		WEIRS		POUND NETS		TRAP NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	1,800	\$20	-	-	100	\$1	-	-
BUFFALOFISH	356,800	36,244	9,900	\$1,026	35,500	3,654	-	-
BURBOT	-	-	-	-	500	8	-	-
CARP	3,201,100	69,423	359,500	7,191	-	-	-	-
CATFISH AND BULLHEADS	186,000	13,662	37,300	2,722	-	-	-	-
GARFISH	2,900	42	-	-	-	-	-	-
HERRING, LAKE	-	-	-	-	100	6	-	-
MOONEYE	200	8	-	-	-	-	-	-
QUILLBACK	500	20	-	-	-	-	-	-
SHEEPSHEAD	294,600	9,004	-	-	-	-	-	-
SUCKERS	16,800	652	15,800	631	-	-	600	\$23
WHITEFISH	-	-	-	-	1,700	712	-	-
YELLOW PERCH	2,400	268	800	89	-	-	-	-
TURTLES, SNAPPER	100	5	-	-	-	-	-	-
TOTAL	4,063,200	129,348	423,300	11,659	37,900	4,381	600	23

SPECIES	FYKE NETS		GILL NETS, ANCHOR SET OR STAKE		LINES, LONG OR SET WITH HOOKS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	16,700	\$335	-	-	800	\$8
BUFFALOFISH	49,100	5,056	52,800	\$6,869	500	63
BURBOT	12,700	191	-	-	-	-
CARP	863,400	17,269	151,200	5,975	8,300	333
CATFISH AND BULLHEADS	1,122,900	81,972	5,200	1,472	32,000	8,875
GARFISH	-	-	1,100	11	400	4
HERRING, LAKE	-	-	7,000	457	-	-
MOONEYE	-	-	5,100	901	-	-
PIKE OR PICKEREL	-	-	9,900	1,107	-	-
QUILLBACK	-	-	1,600	66	-	-
SHEEPSHEAD	10,900	327	70,900	1,781	7,400	516
SUCKERS	16,700	670	7,200	268	300	8
WHITEFISH	-	-	43,400	10,697	-	-
YELLOW PERCH	26,100	2,870	202,100	31,328	-	-
YELLOW PIKE	-	-	787,900	175,422	-	-
TURTLES, SNAPPER	900	100	-	-	-	-
TOTAL	2,119,400	108,790	1,345,400	236,354	49,700	9,807

MINNESOTA - CATCH BY WATERS, 1962

SPECIES	MISSISSIPPI RIVER		RED LAKE		INLAND LAKES AND STREAMS		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	2,300	\$23	-	-	17,100	\$341	19,400	\$364
BUFFALOFISH	87,600	9,960	-	-	417,000	42,952	504,600	52,912
BURBOT	-	-	-	-	13,200	199	13,200	199
CARP	677,900	22,078	-	-	3,905,600	78,113	4,583,500	100,191
CATFISH AND BULLHEADS	37,200	10,365	400	\$98	1,345,800	98,240	1,383,400	108,703
GARFISH	1,900	19	-	-	2,500	38	4,400	57
HERRING, LAKE	-	-	-	-	7,100	463	7,100	463
MOONEYE	200	8	5,100	901	-	-	5,300	909
PIKE OR PICKEREL	-	-	9,900	1,107	-	-	9,900	1,107
QUILLBACK	2,100	86	-	-	-	-	2,100	86
SHEEPSHEAD	40,200	1,852	66,300	1,459	277,300	8,317	383,800	11,628
SUCKERS	3,400	93	-	-	54,000	2,159	57,400	2,252
WHITEFISH, COMMON	-	-	26,300	4,351	16,800	7,058	45,100	11,409
YELLOW PERCH	-	-	202,100	31,328	29,300	3,227	231,400	34,555
YELLOW PIKE	-	-	787,900	175,422	-	-	787,900	175,422
TURTLES, SNAPPER	-	-	-	-	1,000	105	1,000	105
TOTAL	852,600	44,484	1,100,000	214,666	6,066,700	241,212	8,039,500	500,362

MISSISSIPPI RIVER FISHERIES

MISSISSIPPI

OPERATING UNITS BY GEAR, 1962

ITEM	HAUL SEINES		FYKE AND HOOP NETS, FISH		GILL NETS, ANCHOR SET OR STAKE		TRAMMEL NETS	
	NUMBER		NUMBER		NUMBER		NUMBER	
FISHERMEN, ON BOATS AND SHORE:								
REGULAR	28		112		202		107	
CASUAL	15		241		179		26	
TOTAL	43		353		381		133	
BOATS:								
MOTOR	25		347		365		116	
OTHER	10		-		-		-	
GEAR:								
NUMBER	16		3,205		826		210	
LENGTH, YARDS	4,750		-		-		-	
SQUARE YARDS	-		-		331,100		71,800	
	LINES							
	LONG OR SET WITH HOOKS		SNAG		DIP NETS, COMMON		TOTAL, EXCLUSIVE OF DUPLICATION	
	NUMBER		NUMBER		NUMBER		NUMBER	
FISHERMEN, ON BOATS AND SHORE:								
REGULAR	196		65		10		236	
CASUAL	220		58		10		395	
TOTAL	416		123		20		631	
BOATS:								
MOTOR	395		113		20		594	
OTHER	-		-		-		10	
GEAR:								
NUMBER	1,175		478		20		-	
HOOKS	318,300		831,750		-		-	

MISSISSIPPI - CATCH BY GEAR, 1962

SPECIES	HAUL SEINES		FYKE AND HOOP NETS		GILL NETS, ANCHOR SET OR STAKE		TRAMMEL NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	-	-	1,900	\$57	200	\$6	1,500	\$45
BUFFALOFISH	170,000	\$16,048	894,800	96,877	964,600	95,278	143,200	13,782
CARP	36,000	1,537	183,300	9,151	180,800	8,492	33,500	1,498
CATFISH AND BULLHEADS	4,600	897	48,600	13,335	67,400	16,347	24,400	4,949
GARFISH	5,900	265	5,500	247	15,000	675	8,800	396
PADDLEFISH	1,500	114	1,500	114	10,100	767	3,000	228
QUILLBACK	-	-	500	28	-	-	-	-
SHEEPSHEAD	3,000	147	13,100	730	25,000	1,297	15,300	757
STURGEON, SHOVELNOSE, ETC.	-	-	500	50	-	-	-	-
SUCKERS	1,100	46	3,600	151	200	8	100	4
TURTLES:								
SNAPPER	700	56	600	48	700	56	500	40
SOFT-SHELL	100	8	200	16	200	16	100	8
TOTAL	222,900	19,118	1,154,100	120,504	1,264,200	122,942	230,400	21,707
	LINES							
	LONG OR SET WITH HOOKS		SNAG		DIP NETS, COMMON			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE		
BOWFIN	1,000	\$30	1,200	\$36	-	-	100	\$750
BUFFALOFISH	13,600	1,283	21,900	2,091	-	-	-	-
CARP	9,600	410	9,700	422	-	-	-	-
CATFISH AND BULLHEADS	268,700	62,548	186,000	39,411	-	-	-	-
GARFISH	15,600	702	8,500	382	-	-	-	-
PADDLEFISH	-	-	14,000	1,064	-	-	-	-
SHEEPSHEAD	9,500	465	1,600	88	-	-	-	-
SUCKERS	-	-	500	21	-	-	-	-
TURTLES:								
BABY	-	-	-	-	-	-	-	-
SNAPPER	12,900	1,032	-	-	-	-	-	-
SOFT-SHELL	2,000	162	-	-	-	-	-	-
TOTAL	332,900	66,632	243,600	43,515	100	750		

MISSISSIPPI RIVER FISHERIES

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MISSISSIPPI - CATCH BY WATERS, 1962

SPECIES	MISSISSIPPI RIVER		INLAND LAKES AND STREAMS		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	5,800	\$174	-	-	5,800	\$174
BUFFALOFISH	1,360,000	128,383	848,100	\$96,676	2,208,100	225,059
CARP	300,600	12,835	152,900	8,675	452,900	21,510
CATFISH AND BULLHEADS	466,500	90,967	133,200	46,520	599,700	137,467
GARFISH	59,300	2,667	-	-	59,300	2,667
PADDFISH	30,100	2,287	-	-	30,100	2,287
QUILLBACK	-	-	500	28	500	28
SHEEPSHEAD	60,500	2,962	7,200	522	67,700	3,484
STURGEON, SHOVELNOSE, ETC.	500	50	-	-	500	50
SUCKERS	5,500	230	-	-	5,500	230
TURTLES:						
BABY	100	750	-	-	100	750
SNAPPER	15,400	1,232	-	-	15,400	1,232
SOFT-SHELL	2,600	210	-	-	2,600	210
TOTAL	2,306,900	242,747	1,141,300	152,421	3,448,200	395,168

MISSOURI

OPERATING UNITS BY GEAR, 1962

ITEM	HAUL SEINES	FYKE AND HOOP NETS	TRAMMEL NETS	LINES, LONG OR SET WITH HOOKS	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:					
REGULAR	5	46	40	18	63
CASUAL	2	79	85	66	174
TOTAL	7	125	125	84	237
BOATS:					
MOTOR	6	124	125	83	235
OTHER	1	1	-	1	2
GEAR:					
NUMBER	6	1,108	146	155	-
LENGTH, YARDS	745	-	-	-	-
SQUARE YARDS	-	-	26,690	-	-
HOOKS	-	-	-	15,156	-

MISSOURI - CATCH BY GEAR, 1962

SPECIES	HAUL SEINES		FYKE AND HOOP NETS		TRAMMEL NETS		LINES, LONG OR SET WITH HOOKS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	3,500	\$525	38,400	\$5,760	36,100	\$5,715	1,500	\$225
CARP	3,900	234	58,000	3,360	43,400	2,604	3,400	204
CATFISH AND BULLHEADS	1,400	350	16,600	4,150	15,700	3,925	13,600	3,400
EELS, COMMON	-	-	100	16	-	-	300	48
PADDFISH	6,700	670	800	80	4,900	490	-	-
QUILLBACK	900	45	4,300	215	3,400	170	-	-
SHEEPSHEAD	1,000	100	12,100	1,210	6,800	680	3,100	310
STURGEON, SHOVELNOSE, ETC.	-	-	100	10	3,000	300	1,500	150
SUCKERS	100	5	1,200	60	1,000	50	-	-
TOTAL	17,500	1,929	129,600	14,861	116,300	13,934	23,400	4,337

MISSISSIPPI RIVER FISHERIES

MISSOURI - CATCH BY WATERS, 1962

SPECIES	MISSISSIPPI RIVER		MISSOURI RIVER		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	60,700	\$9,105	20,800	\$3,120	81,500	\$12,225
CARP	58,600	3,516	48,100	2,866	106,700	6,402
CATFISH AND BULLHEADS	30,200	7,550	17,100	4,275	47,300	11,825
EELS, COMMON	300	48	100	16	400	64
PADDLEFISH	10,400	1,040	2,000	200	12,400	1,240
QUILLBACK	5,800	290	2,800	140	8,600	430
SHEEPSHEAD	18,200	1,820	4,600	480	23,000	2,300
STURGEON, SHOVELNOSE, ETC.	3,000	300	1,600	160	4,600	460
SUCKERS	1,400	70	900	45	2,300	115
TOTAL	188,600	23,739	98,200	11,322	286,800	35,061

MONTANA

THE COMMERCIAL FISHERIES OF MONTANA, IN THE TRIBUTARIES OF THE MISSISSIPPI RIVER, ARE CONFINED TO THE FORT PECK RESERVOIR OF THE MISSOURI RIVER. ONE REGULAR AND THREE CASUAL FISHERMEN, EMPLOYING ONE MOTOR BOAT, FISHED 20 ANCHOR, SET OR STAKE GILL NETS (6,700 SQUARE YARDS). THE CATCH CONSISTED OF BUFFALOFISH, 72,000 POUNDS, \$3,942; CARP, 700 POUNDS, \$7; AND CATFISH AND BULLHEADS, 13,700 POUNDS, \$4,634.

NEBRASKA

OPERATING UNITS BY GEAR, 1962

ITEM	HAUL SEINES, COMMON	FYKE AND HOOP NETS, FISH	POTS AND TRAPS	TRAMMEL NETS	TOTAL, EXCLUSIVE OF DUPLI- CATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:					
REGULAR	18	24	5	7	24
CASUAL	19	83	22	88	106
TOTAL	37	107	27	95	130
BOATS:					
MOTOR	27	106	27	94	120
OTHER	10	-	-	-	10
GEAR:					
NUMBER	48	877	207	173	-
LENGTH, YARDS	5,944	-	-	-	-
SQUARE YARDS	-	-	-	23,067	-

NEBRASKA - CATCH BY GEAR, 1962

SPECIES	HAUL SEINES		FYKE AND HOOP NETS		POTS AND TRAPS		TRAMMEL NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	2,200	\$452	4,700	\$930	1,000	\$220	3,100	\$659
CARP	177,800	12,621	59,300	4,206	4,300	765	12,900	2,294
CATFISH AND BULLHEADS	800	15	26,000	7,731	3,200	1,265	9,500	3,796
QUILLBACK	300	9	700	22	-	-	-	-
SHEEPSHEAD	300	6	1,200	23	-	-	-	-
STURGEON, SHOVELNOSE, ETC.	-	-	400	176	100	44	-	-
YELLOW PERCH	-	-	500	10	-	-	-	-
TOTAL	181,400	13,103	92,600	13,100	8,600	2,294	25,500	6,749

MISSISSIPPI RIVER FISHERIES

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NEBRASKA - CATCH BY WATERS, 1962

SPECIES	MISSOURI RIVER		INLAND LAKES AND STREAMS		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	10,300	\$2,197	700	\$64	11,000	\$2,261
CARP	85,900	15,292	168,400	4,594	254,300	19,886
CATFISH AND BULLHEADS	31,800	12,653	7,700	154	39,500	12,807
QUILLBACK	-	-	1,000	31	1,000	31
SHEEPSHEAD	-	-	1,500	29	1,500	29
STURGEON, SHOVELNOSE, ETC.	500	222	-	-	500	222
YELLOW PERCH	-	-	500	10	500	10
TOTAL	128,500	30,364	179,800	4,882	308,300	35,246

NORTH DAKOTA

OPERATING UNITS BY GEAR, 1962

ITEM	HAUL SEINES, COMMON	FYKE AND HOOP NETS, FISH	GILL NETS, ANCHOR SET OR STAKE	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:				
REGULAR	1	3	2	6
CASUAL	12	1	2	15
TOTAL	13	4	4	21
BOATS, MOTOR	-	2	2	4
GEAR:				
NUMBER	2	96	12	-
LENGTH, YARDS	2,600	-	-	-
SQUARE YARDS	-	-	1,700	-

NORTH DAKOTA - CATCH BY GEAR, 1962

SPECIES	HAUL SEINES		FYKE AND HOOP NETS		GILL NETS, ANCHOR SET OR STAKE	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	3,600	\$387	-	-	103,600	\$10,365
CARP	70,500	2,677	-	-	-	602
CATFISH AND BULLHEADS	-	-	117,100	\$10,803	5,000	602
PADOLEFISH	-	-	-	-	1,000	125
SUCKERS	-	-	40,400	1,637	-	-
YELLOW PERCH	2,200	152	-	-	-	-
TOTAL	76,300	3,216	157,500	12,440	109,600	11,092

NORTH DAKOTA - CATCH BY WATERS, 1962

SPECIES	MISSOURI RIVER		INLAND LAKES AND STREAMS		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	103,600	\$10,365	3,600	\$387	107,200	\$10,752
CARP	-	-	70,500	2,677	70,500	2,677
CATFISH AND BULLHEADS	5,000	602	117,100	10,803	122,100	11,405
PADOLEFISH	1,000	125	-	-	1,000	125
SUCKERS	-	-	40,400	1,637	40,400	1,637
YELLOW PERCH	-	-	2,200	152	2,200	152
TOTAL	109,600	11,092	233,800	15,656	343,400	26,748

MISSISSIPPI RIVER FISHERIES OKLAHOMA

OPERATING UNITS BY GEAR, 1962

ITEM	GILL NETS, ANCHOR SET OR STAKE		TRAMMEL NETS	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER		NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:				
REGULAR	40		36	40
CASUAL	30		-	30
TOTAL	70		36	70
BOATS, MOTOR	70		36	70
GEAR:				
NUMBER	204		40	-
SQUARE YARDS	103,150		10,600	-

OKLAHOMA - CATCH BY GEAR, 1962

SPECIES	GILL NETS, ANCHOR SET OR STAKE		TRAMMEL NETS	
	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	161,600	\$23,608	41,100	\$5,343
CARP	60,400	3,216	16,100	644
CATFISH AND BULLHEADS	45,200	13,560	8,500	2,550
PADDFISH	7,400	1,480	1,300	260
QUILLBACK	4,000	200	700	35
SHEEPSHEAD	24,400	3,660	4,400	650
WHITE BASS	9,700	1,940	1,700	340
TOTAL	352,700	47,664	73,600	9,832

OKLAHOMA - CATCH BY WATERS, 1962

SPECIES	ARKANSAS RIVER		RED RIVER	
	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	67,900	\$8,627	135,600	\$17,628
CARP	66,600	2,664	26,300	1,052
CATFISH AND BULLHEADS	44,800	13,440	6,400	1,920
PADDFISH	6,700	1,740	-	-
QUILLBACK	1,500	75	2,900	145
SHEEPSHEAD	26,700	4,005	1,700	255
WHITE BASS	11,400	2,260	-	-
TOTAL	227,600	33,031	172,900	21,000

SPECIES	INLAND LAKES AND STREAMS		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	19,200	\$2,496	222,700	\$28,951
CARP	3,600	144	96,500	3,660
CATFISH AND BULLHEADS	2,500	750	53,700	16,110
PADDFISH	-	-	6,700	1,740
QUILLBACK	300	15	4,700	235
SHEEPSHEAD	400	60	28,800	4,320
WHITE BASS	-	-	11,400	2,280
TOTAL	26,000	3,465	426,500	57,496

MISSISSIPPI RIVER FISHERIES SOUTH DAKOTA

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OPERATING UNITS BY GEAR, 1962

ITEM	HAUL SEINES, COMMON	FYKE AND HOOP NETS, FISH	GILL NETS, ANCHOR SET OR STAKE	TOTAL, EXCLUSIVE OF DUPLI- CATION
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:				
REGULAR	2	-	2	4
CASUAL	27	18	4	35
TOTAL	29	18	6	39
BOATS:				
MOTOR	4	4	2	8
OTHER	4	-	-	4
GEAR:				
NUMBER	8	120	12	-
LENGTH, YARDS	6,600	-	-	-
SQUARE YARDS	-	-	12,700	-

SOUTH DAKOTA - CATCH BY GEAR, 1962

SPECIES	HAUL SEINES		FYKE AND HOOP NETS		GILL NETS, ANCHOR SET OR STAKE	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	1,289,300	\$63,292	33,200	\$1,328	296,300	\$23,706
CARP	549,700	10,953	4,000	80	-	-
CATFISH AND BULLHEADS	-	-	88,600	7,088	-	-
SHEEPSHEAD	442,000	8,840	-	-	-	-
SUCKERS	13,000	650	-	-	-	-
TOTAL	2,294,000	83,725	125,800	8,496	296,300	23,706

SOUTH DAKOTA - CATCH BY WATERS, 1962

SPECIES	MISSOURI RIVER		INLAND LAKES AND STREAMS		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	296,300	\$23,706	1,322,500	\$64,610	1,618,800	\$88,316
CARP	-	-	553,700	11,053	553,700	11,053
CATFISH AND BULLHEADS	-	-	88,600	7,088	88,600	7,088
SHEEPSHEAD	-	-	442,000	8,840	442,000	8,840
SUCKERS	-	-	13,000	650	13,000	650
TOTAL	296,300	23,706	2,419,800	92,221	2,716,100	115,927



MISSISSIPPI RIVER FISHERIES TENNESSEE

OPERATING UNITS BY GEAR, 1962

ITEM	FYKE AND HOOP NETS, FISH	GILL NETS ANCHOR, SET OR STAKE	TRAMMEL NETS	LINES	
				LONG OR SET WITH HOOKS	SNAG
				NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:					
REGULAR	235	86	137	207	135
CASUAL	286	76	86	405	170
TOTAL	521	162	223	612	305
BOATS, MOTOR	518	162	223	599	305
GEAR:					
NUMBER	5,090	202	601	4,407	1,605
SQUARE YARDS	-	61,290	161,740	-	-
HOOKS	-	-	-	412,310	756,750

ITEM	DIP NETS, COMMON		CROWFOOT BARS	TOTAL EXCLUSIVE OF DUPLI- CATION	
	NUMBER				NUMBER
	NUMBER	NUMBER			NUMBER
FISHERMEN, ON BOATS AND SHORE:					
REGULAR	-	-	175	589	
CASUAL	3	-	30	662	
TOTAL	3	-	205	1,251	
BOATS:					
MOTOR	3	-	-	1,030	
OTHER	-	-	205	205	
GEAR, NUMBER	3	-	410	-	

TENNESSEE - CATCH BY GEAR, 1962

SPECIES	FYKE AND HOOP NETS		GILL NETS, ANCHOR SET OR STAKE		TRAMMEL NETS		LINES	
							LONG OR SET WITH HOOKS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	4,500	\$180	300	\$12	2,100	\$84	4,600	\$184
BUFFALOFISH	337,200	33,720	97,900	9,790	966,500	96,650	10,500	1,050
CARP	296,700	11,948	37,000	1,480	765,500	30,620	10,500	420
CATFISH AND BULLHEADS	252,000	63,000	15,500	3,875	324,500	81,125	631,200	157,800
GARFISH	3,000	60	200	4	6,000	120	1,500	30
PADDLEFISH	5,000	500	2,900	290	43,400	4,340	-	-
QUILLBACK	13,000	390	4,500	135	143,300	4,299	2,500	75
SHEEPSHEAD	54,000	5,400	1,200	120	16,000	1,600	10,900	1,090
YELLOW BASS	600	120	-	-	-	-	1,200	240
TURTLES, SNAPPER	700	56	-	-	200	16	100	8
TOTAL	968,700	115,374	159,500	15,706	2,267,500	218,854	673,000	160,897

SPECIES	LINES - CONTINUED		DIP NETS, COMMON		CROWFOOT BARS	
	SNAG					
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	9,000	\$900	-	-	-	-
CARP	6,000	320	-	-	-	-
CATFISH AND BULLHEADS	329,100	82,025	-	-	-	-
PADDLEFISH	63,300	6,330	-	-	-	-
SHEEPSHEAD	1,400	140	-	-	-	-
MUSSEL SHELLS	-	-	-	-	3,076,000	\$188,780
PEARLS AND SLUGS	-	-	-	-	-	4,220
TURTLES, BABY	-	-	200	\$1,470	-	-
TOTAL	429,800	91,715	200	1,470	3,076,000	193,000

MISSISSIPPI RIVER FISHERIES

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TENNESSEE - CATCH BY WATERS, 1962

SPECIES	MISSISSIPPI RIVER AND TRIBUTARIES		CUMBERLAND RIVER	
	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	11,500	\$460	-	-
BUFFALOFISH	492,200	49,220	82,200	\$9,220
CARP	540,200	21,508	50,600	2,032
CATFISH AND BULLHEADS	219,300	54,825	54,900	13,725
PADDFISH	9,200	920	6,000	600
QUILLBACK	33,900	1,017	2,300	69
SHEEPSHEAD	18,800	1,880	10,000	1,000
YELLOW BASS	1,800	360	-	-
TURTLES, BABY	200	1,470	-	-
TOTAL	1,327,100	131,760	206,200	25,646

SPECIES	TENNESSEE RIVER		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	-	-	11,500	\$460
BUFFALOFISH	846,700	\$84,670	1,421,100	142,110
CARP	528,700	21,148	1,119,700	44,788
CATFISH AND BULLHEADS	1,277,100	319,275	1,551,300	387,625
GARFISH	10,700	214	10,700	214
PADDFISH	119,400	11,940	134,600	13,460
QUILLBACK	127,100	3,813	163,300	4,899
SHEEPSHEAD	54,700	5,470	83,500	8,350
YELLOW BASS	-	-	1,800	360
MUSSEL SHELLS	3,076,000	188,780	3,076,000	188,780
PEARLS AND SLUGS	-	4,220	-	4,220
TURTLES:				
BABY	-	-	200	1,470
SNAPPER	1,000	80	1,000	80
TOTAL	6,041,400	639,610	7,574,700	797,016

NOTE:--THE CATCH AND SALE OF YELLOW BASS FROM REELFOOT LAKE IS LEGAL.

TEXAS

OPERATING UNITS BY GEAR, 1962

ITEM	FYKE AND HOOP NETS, FISH	GILL NETS, ANCHOR SET OR STAKE	TRAMMEL NETS	LINES, LONG OR SET WITH HOOKS	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:					
REGULAR	30	64	12	41	64
CASUAL	40	92	2	88	122
TOTAL	70	156	14	129	186
BOATS, MOTOR GEAR:					
NUMBER	240	212	29	570	-
SQUARE YARDS	-	31,490	4,000	-	-
HOOKS	-	-	-	39,660	-

NOTE:--ADDITIONAL COMMERCIAL FISHING OPERATIONS BY 22 REGULAR AND 18 CASUAL FISHERMEN USING 35 MOTOR BOATS IN INLAND WATERS BEYOND THE MISSISSIPPI RIVER DRAINAGE AREA AND NOT INCLUDED IN THIS TABULATION WERE: 20 REGULAR AND 15 CASUAL FISHERMEN OPERATED 29 MOTOR BOATS AND 142 ANCHOR GILL NETS (34,100 SQUARE YARDS); 5 REGULAR AND 4 CASUAL FISHERMEN OPERATED 9 MOTOR BOATS AND 24 TRAMMEL NETS (5,200 SQUARE YARDS); AND 9 REGULAR AND 4 CASUAL FISHERMEN OPERATED 13 MOTOR BOATS AND 137 FYKE AND HOOP NETS.

MISSISSIPPI RIVER FISHERIES

TEXAS - CATCH BY GEAR, 1962

SPECIES	FYKE AND HOOP NETS		GILL NETS, ANCHOR SET OR STAKE		TRAMMEL NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	39,700	\$4,764	202,700	\$24,324	13,300	\$1,596
CARP	4,800	192	12,400	496	4,500	180
CATFISH AND BULLHEADS	20,800	6,240	35,300	10,770	10,400	3,120
GARFISH	-	-	600	18	400	12
SHEEPSHEAD	6,400	640	2,600	260	1,700	170
SUCKERS	2,500	100	1,400	56	-	-
TOTAL	74,200	11,936	255,600	35,924	30,300	5,076

SPECIES	LINES, LONG OR SET WITH HOOKS		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	6,500	\$780	262,200	\$31,464
CARP	2,400	96	24,100	964
CATFISH AND BULLHEADS	27,500	8,250	94,600	28,380
GARFISH	2,200	66	3,200	96
SHEEPSHEAD	9,300	930	20,000	2,000
SUCKERS	-	-	3,900	156
TOTAL	47,900	10,122	408,000	63,060

NOTE:--THE COMMERCIAL FISHERIES OF TEXAS IN THE MISSISSIPPI RIVER AREA DURING 1962 WERE CONFINED TO THE INLAND LAKES AND STREAMS OF THE RED RIVER DRAINAGE AREA. ADDITIONAL CATCH STATISTICS FOR INLAND WATERS BEYOND THE MISSISSIPPI RIVER DRAINAGE AREA AND NOT INCLUDED IN THIS TABULATION WERE: BUFFALOFISH, 220,200 POUNDS, \$26,424; CARP, 36,400 POUNDS, \$1,456; GARFISH, 15,600 POUNDS, \$468; QUILBACK, 800 POUNDS, \$32; SHEEPSHEAD, 2,500 POUNDS, \$250; SUCKERS, 500 POUNDS, \$20; AND SNAPPER TURTLES, 1,300 POUNDS, \$130.

WISCONSIN

OPERATING UNITS BY GEAR, 1962

ITEM	HAUL SEINES, COMMON	WEIRS	TRAP NETS, FISH	FYKE AND HOOP NETS	POTS AND TRAPS
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:					
REGULAR	60	6	11	33	25
CASUAL	118	2	9	11	28
TOTAL	178	8	20	44	53
BOATS:					
MOTOR	72	-	11	26	39
OTHER	56	-	-	-	-
GEAR:					
NUMBER	50	3	137	849	1,158
LENGTH, YARDS	24,767	-	-	-	-

ITEM	GILL NETS, ANCHOR SET OR STAKE	TRAMMEL NETS	LINES, LONG OR SET WITH HOOKS	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:				
REGULAR	105	13	57	162
CASUAL	127	10	230	482
TOTAL	232	23	287	644
BOATS:				
MOTOR	126	15	287	433
OTHER	-	-	-	56
GEAR:				
NUMBER	135	15	288	-
SQUARE YARDS	115,114	3,363	-	-
HOOKS	-	-	95,237	-

MISSISSIPPI RIVER FISHERIES

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WISCONSIN - CATCH BY GEAR, 1962

SPECIES	HAUL SEINES		WEIRS		TRAP NETS		FYKE AND HOOP NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	2,600	\$51	-	-	200	\$5	200	\$2
BUFFALOFISH	516,100	55,487	127,700	\$14,044	-	-	119,800	11,976
BURBOT	23,300	1,395	-	-	11,600	819	-	-
CARP	5,436,000	182,080	450,400	13,510	164,900	4,948	104,600	4,184
CATFISH AND BULLHEADS	7,900	1,506	-	-	277,700	11,109	108,000	19,293
GARFISH	5,500	56	-	-	100	1	100	1
MOONEYE	11,500	256	-	-	-	-	200	5
QUILLBACK	9,600	290	-	-	-	-	1,700	51
SHEEPSHEAD	344,400	15,720	-	-	700	20	37,600	1,878
STURGEON, SHOVELNOSE, ETC.	-	-	-	-	-	-	900	135
SUCKERS	59,000	1,456	3,800	76	35,000	700	5,400	162
YELLOW PERCH	-	-	-	-	1,800	180	-	-
TURTLES, SNAPPER	400	39	-	-	-	-	800	87
TOTAL	6,416,300	258,336	581,900	27,630	492,000	17,782	379,300	37,774

SPECIES	POTS AND TRAPS		GILL NETS, ANCHOR SET OR STAKE		TRAMMEL NETS		LINES, LONG OR SET WITH HOOKS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	-	-	2,300	\$43	-	-	5,400	\$54
BUFFALOFISH	-	-	356,700	35,739	3,900	\$395	303,000	30,303
CARP	-	-	1,227,400	48,369	5,500	220	48,600	1,945
CATFISH AND BULLHEADS	93,700	\$17,148	46,000	8,740	1,800	349	319,300	54,416
EELS, COMMON	-	-	200	31	-	-	-	-
GARFISH	-	-	2,200	22	-	-	-	-
MOONEYE	-	-	3,200	67	200	6	-	-
QUILLBACK	-	-	10,500	314	100	3	-	-
SHEEPSHEAD	-	-	33,900	1,668	1,500	74	44,900	2,247
STURGEON, SHOVELNOSE, ETC.	-	-	-	-	200	27	2,200	346
SUCKERS	-	-	2,400	66	300	9	1,300	38
TURTLES, SNAPPER	-	-	5,100	559	-	-	700	73
TOTAL	93,700	17,148	1,689,900	95,618	13,500	1,083	725,400	89,422

WISCONSIN - CATCH BY WATERS, 1962

SPECIES	MISSISSIPPI RIVER AND TRIBUTARIES		INLAND LAKES AND STREAMS		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	5,800	\$58	4,900	\$97	10,700	\$155
BUFFALOFISH	904,000	90,398	523,200	57,546	1,427,200	147,944
BURBOT	-	-	34,900	2,214	34,900	2,214
CARP	3,212,900	128,520	4,224,500	126,736	7,437,400	255,256
CATFISH AND BULLHEADS	576,700	101,452	277,700	11,109	854,400	112,561
EELS, COMMON	200	31	-	-	200	31
GARFISH	2,000	20	5,900	60	7,900	80
MOONEYE	3,400	101	11,700	233	15,100	334
QUILLBACK	21,900	658	-	-	21,900	658
SHEEPSHEAD	386,100	19,302	76,900	2,305	463,000	21,607
STURGEON, SHOVELNOSE, ETC.	3,300	508	-	-	3,300	508
SUCKERS	36,100	1,084	71,100	1,423	107,200	2,507
YELLOW PERCH	-	-	1,800	180	1,800	180
TURTLES, SNAPPER	6,800	738	200	20	7,000	758
TOTAL	5,159,200	342,870	5,232,800	201,923	10,392,000	544,793

WYOMING

THE COMMERCIAL FISHERIES OF WYOMING, IN THE TRIBUTARIES OF THE MISSISSIPPI RIVER, ARE CONFINED TO THE INLAND LAKES AND STREAMS. THE CATCH CONSISTED OF 174,000 POUNDS OF CARP, VALUED AT \$5,220. FOUR CASUAL FISHERMEN EMPLOYING 3 MOTOR BOATS AND 1 OTHER BOAT FISHED 2 HAUL SEINES WITH A TOTAL LENGTH OF 200 YARDS.

MISSISSIPPI RIVER FISHERIES

GREAT LAKES AND MISSISSIPPI RIVER CATCH - BY STATES, 1962

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

STATE	GREAT LAKES		MISSISSIPPI RIVER AND TRIBUTARIES		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
ALABAMA	-	-	7,868	826	7,868	826
ARKANSAS	-	-	5,277	613	5,277	613
ILLINOIS	290	38	6,363	575	6,653	613
INDIANA	6	1	628	29	634	30
IOWA	-	-	2,326	176	2,326	176
KANSAS	-	-	-	8	52	8
KENTUCKY	-	-	2,555	294	2,555	294
LOUISIANA	-	-	10,081	1,410	10,081	1,410
MICHIGAN	22,121	2,479	-	-	22,121	2,479
MINNESOTA	6,025	277	8,040	500	14,065	777
MISSISSIPPI	-	-	3,448	395	3,448	395
MISSOURI	-	-	287	35	287	35
MONTANA	-	-	86	9	86	9
NEW YORK	680	108	-	-	680	108
NEBRASKA	-	-	308	35	308	35
NORTH DAKOTA	-	-	343	27	343	27
OHIO	15,225	1,139	-	-	15,225	1,139
OKLAHOMA	-	-	426	57	426	57
PENNSYLVANIA	2,150	150	-	-	2,150	150
SOUTH DAKOTA	-	-	2,716	116	2,716	116
TENNESSEE	-	-	7,575	797	7,575	797
TEXAS	-	-	408	63	408	63
WISCONSIN	19,075	1,341	10,392	545	29,467	1,886
WYOMING	-	-	174	5	174	5
TOTAL	65,572	5,533	69,353	6,515	134,925	12,048

NOTE:--INCLUDES THE CATCH FROM THE INTERNATIONAL LAKES OF NORTHERN MINNESOTA, THE ALABAMA RIVER, AND THE RED LAKE.

GREAT LAKES AND MISSISSIPPI RIVER CATCH - BY SPECIES, 1962

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	GREAT LAKES		MISSISSIPPI RIVER AND TRIBUTARIES		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
ALEWIVES	4,746	68	-	-	4,746	68
BLUE PIKE	1	(1)	-	-	1	(1)
BOWFIN	5	(1)	84	1	89	1
BUFFALOFISH	48	3	17,793	1,838	17,831	1,841
BURBOT	446	13	20	71	494	15
CARP	7,646	278	20,253	711	27,899	989
CATFISH AND BULLHEADS	1,529	324	11,073	2,250	12,602	2,574
CHUBS	14,428	1,706	-	-	14,428	1,706
CISCO	8	3	-	-	8	3
CRAPPIE	10	2	62	12	72	14
EELS, COMMON	24	6	(1)	(1)	24	6
GARFISH	1	(1)	929	45	930	45
GIZZARD SHAD	9	(1)	7	(1)	16	(1)
GOLDFISH	350	11	-	-	350	11
HERRING, LAKE	10,050	559	7	(1)	10,057	559
LAKE TROUT	258	188	-	-	258	188
MOONEYE OR GOLDEYE	1	(1)	20	1	21	1
PAODLEFISH	-	-	537	45	537	45
PIKE OR PICKEREL	177	21	10	1	187	22
QUILLBACK	11	(1)	245	9	256	9
ROCK BASS	15	2	-	-	15	2
SAUGER	88	8	-	-	88	8
SCULPIN	11	(1)	-	-	11	(1)
SHEEPSHEAD	3,553	72	3,298	218	6,851	290
SHELT	2,504	70	-	-	2,504	70
STURGEON, SHOVELNOSE, ETC.	3	3	41	7	44	10
SUCKERS	1,493	47	309	10	1,802	57
SUNFISH	11	1	-	-	11	1
TULLIBEE	2,686	77	-	-	2,686	77
WHITE BASS	1,409	182	11	2	1,420	184
WHITEFISH	-	-	-	-	-	-
COMMON	1,027	541	45	11	1,072	552
MENOMINEE	44	9	-	-	44	9
WHITE PERCH	4	(1)	-	-	4	(1)
YELLOW BASS	-	-	2	(1)	2	(1)
YELLOW PERCH	12,024	1,054	236	35	12,260	1,089
YELLOW PIKE	852	315	788	176	1,640	491
CRAWFISH	(1)	(1)	2,668	272	2,268	272
MUSSEL SHELLS	-	-	10,981	708	10,981	708
PEARLS AND SLUGS	-	-	-	16	-	16
TURTLES	-	-	-	-	-	-
BABY	-	-	17	88	17	88
SLIDER	-	-	23	(1)	23	(1)
SNAPPER	-	-	24	205	24	205
SOFT-SHELL	-	-	8	1	8	1
FROGS	-	-	63	22	63	22
TOTAL	65,572	5,533	69,353	6,515	134,925	12,048

1/ LESS THAN 500 POUNDS OR \$500.

NOTE:--INCLUDES THE CATCH FROM THE INTERNATIONAL LAKES OF NORTHERN MINNESOTA, THE ALABAMA RIVER, AND THE RED LAKE.

SECTION 10 - HAWAII FISHERIES

Commercial fish landings in the State of Hawaii during the calendar year 1962 totaled 13.2 million pounds valued at \$2.8 million to the fishermen--a decrease of 1.3 million pounds and \$76,900 compared with the previous year.

The decline in volume was due largely to a reduction in skipjack landings, which fell 1.5 million pounds below the level of the previous year. The catch of skipjack amounted to 9.4 million pounds--400,000 pounds less than the 1948-62 average of 9.8 million pounds. The decrease fulfilled predictions made early in 1962 by the Honolulu laboratory of the Bureau of Commercial Fisheries for a slightly below average skipjack year. The best yield of skipjack (2.3 million pounds) occurred in June, when there was a great influx of 25-pound fish. After this month of peak production, the volume dropped sharply. Other important species which declined in volume included black marlin, down 87,100 pounds and bigeye scad, down 66,400 pounds. Among the species which showed increased landings were bigeye tuna and jack mackerel, up 183,000 and 179,600 pounds respectively.

In 1962, the State of Hawaii began selling tilapia as bait to the commercial tuna fleet from a hatchery established for that purpose. The operation started slowly as commercial skipjack fishermen hesitated to buy tilapia. Only 4,000 pounds of bait were sold to five commercial and two research vessels. The bait sold numbered about 800 fish to a pound. This size proved to be very good in pole and line skipjack fishing by the vessel, Broadbill, which was under contract to the Bureau of Commercial Fisheries, yielding good catches of small, medium, and large skipjack.

Fishery products were landed at six of the eight islands that form the State of Hawaii. Oahu led the islands in landings with 10.1 million pounds or 77 percent of the total. The Island of Hawaii was next with 1.6 million pounds, followed by Maui with 1.2 million pounds. The remainder of the catch was landed at ports on the Islands of Molokai, Kauai, and Lanai. Tuna (albacore, bigeye and bluefin, little, skipjack, and yellowfin) accounted for 84 percent of the quantity and 68 percent of the value of all fishery products landed in Hawaii. The 1962 catch was taken by 817 fishermen. Fishing craft operated during the year included 60 vessels of 5 net tons and over, 318 motor boats, and 20 other boats.

The data in this section were assembled and prepared for publication by the Bureau's area office, Honolulu, Hawaii, largely from information collected by the Hawaii Department of Land and Natural Resources, Division of Fish and Game.

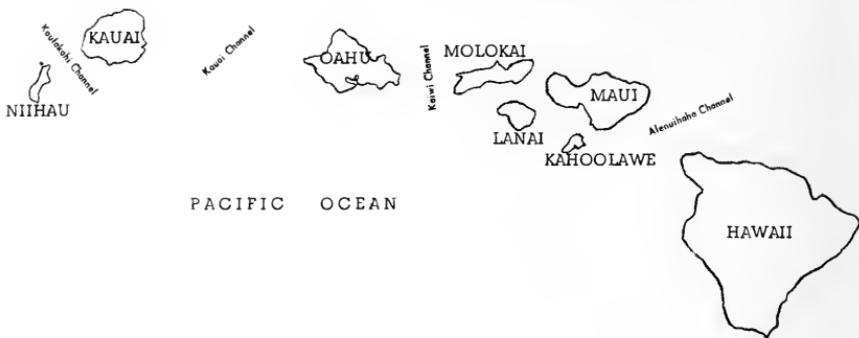
The following tables contain summarized and detailed information on the 1962 operating units and catch by islands of the State of Hawaii. Condensed summary data on the operating units and catch of Hawaii, appearing on the following pages, have been published previously in Current Fishery Statistics No. 3294.



SKIPJACK TUNA

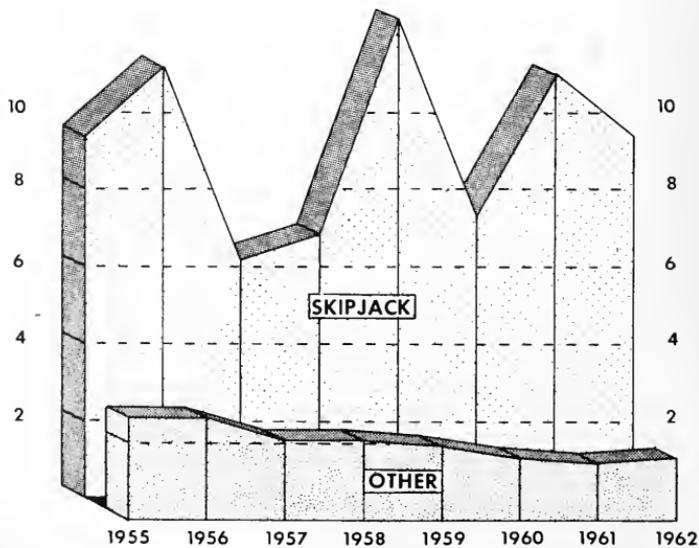
HAWAII FISHERIES

STATE OF HAWAII



HAWAII TUNA CATCH, 1955-62

Million Pounds



HAWAII FISHERIES

SECTIONAL SUMMARIES

SUMMARY OF CATCH, 1962

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

ISLAND	FISH		SHELLFISH, ETC.		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
HAWAII	1,546	351	16	8	1,562	359
MOLOKAI	4	3	2	4	6	7
OAHU	10,112	2,149	35	24	10,148	2,173
KAUAI	200	80	11	6	211	86
MAUI	1,206	185	3	2	1,209	187
LANAI	21	8	-	-	21	8
TOTAL	13,089	2,776	66	44	13,157	2,820

SUMMARY OF OPERATING UNITS, 1962

ITEM	TOTAL
	<u>NUMBER</u>
FISHERMEN:	
ON VESSELS	273
ON BOATS AND SHORE	544
TOTAL	817
VESSELS, MOTOR	60
GROSS TONNAGE	1,745
BOATS:	
MOTOR	318
OTHER	36

NOTE:--DATA ARE NOT AVAILABLE ON THE NUMBER AND SIZE OF GEAR USED IN THE HAWAII FISHERIES. THERE WERE 19 FISHERY WHOLESALE AND MANUFACTURING ESTABLISHMENTS IN THE STATE OF HAWAII IN 1962. PEAK EMPLOYMENT IN THESE PLANTS TOTALLED 354 PERSONS. MANY YEARS OF EMPLOYMENT TOTALLED 297 PERSONS.

HAWAII - CATCH BY SPECIES, 1962

ENGLISH	HAWAIIAN	POUNDS	VALUE
OCEAN CATCH:	FISH		
AMBERJACK	KAHALA	85,300	\$26,478
BARRACUDA	KAKU	2,536	686
BARRACUDA, JAPANESE	KAMELEA	7,115	2,945
BIGEYE SCAD	AKULE	219,000	152,180
BONEFISH	OIO	16,180	3,948
CREVALLE:			
BLUE	ULUA OMILU	5,033	2,939
JACK	ULUA	66,988	30,223
DAMSELFISH	KUPIPI	2,581	941
DOLPHIN	MAHIMAHI	108,941	46,636
EELS:			
CONGER	PUHI	4,817	771
MORAY	PUHI	2,288	180
GOATFISHES:			
	KUMU	12,140	13,042
	MALU	2,738	1,652
	MOANO	12,184	7,170
	MOELUA	5,085	2,766
	WEKE	58,188	23,054
	WEKE-ULA	16,767	10,797
MACKEREL, JACK	OPELU	383,593	124,446
MARLIN:			
BLACK	A'U	182,921	50,019
SILVER	A'U LEPE	5,717	905
SILVER	A'U	20,990	5,866
STRIPED	A'U	276,530	73,736
MILKFISH	AWA	9,662	3,267
MOUNTAIN BASS	AHOLEHOLE	5,271	3,269
MULLET	AMAAMA	11,410	9,104
PARROT FISH	UHU	3,326	1,247
RED BIGEYE	AWEOWE	2,023	835
RUDDERFISH	NENU	5,424	2,533
RUNNER	LAI	1,226	327
SARDINE	MAKIAWA	12	2
SEA BASS, BLACK	HAPUUPU	22,318	9,722
SNAPPER:			
GRAY	UKU	64,041	25,654
PINK	KALIKALI	18,347	9,465
PINK	OPAKAPAKA	102,964	50,386
RED	ULAULA	23,516	17,537
RED	ULAULA KOAE	62,424	56,141
SPOT	A'AWA	2,154	385
SQUIDRELISH	UU	11,007	8,081
SURGEON FISH:			
	KALA	17,796	2,917
	MAIKO	380	84
	PALANI	3,734	795
	PUALU	18,698	4,056

(CONTINUED ON NEXT PAGE)

HAWAII FISHERIES

HAWAII - CATCH BY SPECIES, 1962 - Continued

SPECIES		TOTAL	
		POUNDS	VALUE
ENGLISH OCEAN CATCH - CONTINUED:	HAWAIIAN FISH - CONTINUED		
SWORDFISH	A'U	25,457	\$4,040
TANG:			
CONVIC T	MAN'INI	6,573	3,246
ORANGE SPOT	NAENAE	762	116
TENPOUNDER	AWA'AWA	339	134
THREADFIN	MOI	14,124	7,665
TRIGGERFISH	HUMUHUMU	703	214
TUNA:			
ALBACORE	AHI PALAHA	16,704	4,030
BIGEYE AND BLUEFIN	AHI	1,220,778	598,072
LITTLE	KAWAKAWA	13,296	2,426
SKIPJACK	AKU	9,415,376	1,173,985
YELLOWFIN	AHI	396,514	142,931
TOTAL TUNA		11,062,668	1,921,444
WAHOO	ONO	23,954	4,499
UNCLASSIFIED		21,026	7,171
TOTAL FISH		13,040,973	2,735,736
	SHELLFISH, ETC.		
ALGAE	LIMU	111	129
CRABS:			
KONA		31,397	20,729
KUAHONU		184	118
PAFAI		4,010	1,180
OPIHI		2,018	4,742
LIMPET			
LOBSTERS:			
SLIPPER	ULAPAPAPA	54	36
SPINY	ULA	7,690	5,232
OCTOPUS	HEE	4,568	2,503
SHRIMP	OPAE	472	1,396
SQUID	MUHEE	11,675	3,598
TURTLES	HONU	477	48
TOTAL SHELLFISH, ETC.		63,076	39,711
TOTAL OCEAN CATCH		13,104,049	2,775,447
POND CATCH: 1/	FISH		
BARRACUDA	KAKU	768	638
BARRACUDA, JAPANESE	KAWELEA	23	22
BONEFISH	OIO	228	103
CREVALLE, JACK	ULUA	1,438	1,274
GOATFISH	WEKE	295	83
MILKFISH	AWA	4,302	2,455
MOUNTAIN BASS	AHOLEHOLE	4,223	1,601
MULLET	AMAAMA	35,070	33,429
RUNNER	LAI	56	14
SURGEON FISH	PUALU	333	79
TENPOUNDER	AWA'AWA	745	299
THREADFIN	MOI	133	126
UNCLASSIFIED		56	34
TOTAL FISH		47,674	40,159
	SHELLFISH		
CLAMS, HARD	OLEPE	1,317	2,401
CRABS:			
KUAHONU		1,736	1,191
MOALA		304	105
PAFAI		1,356	523
SAMOAN		165	130
SHRIMP	OPAE	22	79
TOTAL SHELLFISH		4,904	4,429
TOTAL POND CATCH		52,578	44,588
GRAND TOTAL		13,156,627	2,820,035

1/ SALT-WATER.

NOTE:--STATISTICS ON THE CATCH OF FISH, CRUSTACEANS, AND SUCH MOLLUSKS AS SQUID AND OCTOPUS ARE SHOWN IN ROUND (LIVE) WEIGHT. THOSE FOR UNIVALVE AND BIVALVE MOLLUSKS (CLAMS AND LIMPETS) REPRESENT THE WEIGHTS OF MEAT EXCLUDING THE SHELL. THE WEIGHT OF MEATS FOR MOLLUSKS IS BASED ON A YIELD OF 25 PERCENT FOR HARD CLAMS AND 20 PERCENT FOR LIMPETS.

HAWAII FISHERIES

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HAWAII - OPERATING UNITS BY ISLAND AND GEAR, 1962

ITEM	HAWAII					
	BAG NETS	POTS AND TRAPS	GILL NETS	LINES		
				HAND	POLE AND LINE	TROLL
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS	-	-	-	-	24	1
ON BOATS AND SHORE	5	2	7	61	6	15
TOTAL	5	2	7	61	30	16
VESSELS, MOTOR	-	-	-	-	3	1
GROSS TONNAGE	-	-	-	-	121	13
BOATS:						
MOTOR	5	2	3	27	3	9
OTHER	-	-	1	7	-	-

ITEM	HAWAII - CONTINUED					
	LINES-CONT'D.	LIFT NETS	BY HAND	POND 1/	UNCLASSIFIED	TOTAL, EXCLUSIVE OF DUPLICATION
	LONG OR SET WITH HOOKS					
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS	8	-	-	-	-	33
ON BOATS AND SHORE	33	22	12	1	16	161
TOTAL	41	22	12	1	16	194
VESSELS, MOTOR	3	-	-	-	-	7
GROSS TONNAGE	55	-	-	-	-	189
BOATS:						
MOTOR	18	9	1	-	-	62
OTHER	-	2	-	-	-	10

ITEM	MOLOKAI						
	GILL NETS	LINES, HAND	CAST NETS	BY HAND	POND 1/	UNCLASSIFIED	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE	30	3	2	3	16	1	53
BOATS, MOTOR	19	3	-	-	1	-	21

ITEM	OAHU						
	HAUL SEINES	BAG NETS	POTS AND TRAPS	GILL NETS	LINES		
					HAND	POLE AND LINE	TROLL
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS	7	19	-	-	-	102	3
ON BOATS AND SHORE	2	-	25	43	90	3	15
TOTAL	9	19	25	43	90	105	18
VESSELS, MOTOR	1	3	-	-	-	12	3
GROSS TONNAGE	17	70	-	-	-	562	75
BOATS:							
MOTOR	1	-	19	35	65	15	14
OTHER	-	-	-	3	-	-	-

ITEM	OAHU - CONTINUED						
	LINES-CONT'D.	LIFT NETS	CAST NETS	SPEARS	POND 1/	UNCLASSIFIED	TOTAL, EXCLUSIVE OF DUPLICATION
	LONG OR SET WITH HOOKS						
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS	48	1	-	-	-	-	180
ON BOATS AND SHORE	39	5	2	1	8	8	191
TOTAL	87	6	2	1	8	8	371
VESSELS, MOTOR	24	1	-	-	-	-	44
GROSS TONNAGE	559	18	-	-	-	-	1,301
BOATS:							
MOTOR	34	5	1	-	1	-	150
OTHER	-	-	-	-	6	-	9

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

HAWAII FISHERIES

HAWAII - OPERATING UNITS BY ISLAND AND GEAR, 1962 - Continued

ITEM	KAUAI					
	HAUL SEINES	BAG NETS	GILL NETS	LINES		
				HAND	POLE AND LINE	TROLL
FISHERMEN: ON VESSELS	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>
ON BOATS AND SHORE	-	-	16	2	3	2
TOTAL	1	4	16	12	3	11
VESSELS, MOTOR	-	-	-	1	-	1
GROSS TONNAGE	-	-	-	9	-	9
BOATS: MOTOR	1	1	3	7	1	11
OTHER	-	3	10	2	-	-

ITEM	KAUAI - CONTINUED					
	LINES-CONT'D. LONG OR SET WITH HOOKS	LIFT NETS	CAST NETS	SPEARS	UNCLASSI- FIED	TOTAL, EXCLUSIVE OF DUPLI- CATION
						<u>NUMBER</u>
FISHERMEN: ON VESSELS	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>
ON BOATS AND SHORE	4	-	-	-	-	4
TOTAL	16	1	2	1	1	48
VESSELS, MOTOR	22	1	2	1	1	52
VESSELS, MOTOR	3	-	-	-	-	3
GROSS TONNAGE	37	-	-	-	-	37
BOATS: MOTOR	17	1	2	-	-	27
OTHER	2	-	-	-	-	17

ITEM	MAUI						
	BAG NETS	POTS AND TRAPS	GILL NETS	LINES			
				HAND	POLE AND LINE	TROLL	LONG OR SET WITH HOOKS
FISHERMEN: ON VESSELS	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>
ON BOATS AND SHORE	8	-	-	-	45	-	3
TOTAL	3	1	14	11	-	5	19
VESSELS, MOTOR	11	1	14	11	45	5	22
VESSELS, MOTOR	1	-	-	-	4	-	1
GROSS TONNAGE	17	-	-	-	188	-	13
BOATS, MOTOR	3	1	12	11	4	5	13

ITEM	MAUI - CONTINUED					
	LIFT NETS	CAST NETS	SPEARS	BY HAND	UNCLASSI- FIED	TOTAL, EXCLUSIVE OF DUPLI- CATION
						<u>NUMBER</u>
FISHERMEN: ON VESSELS	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>
ON BOATS AND SHORE	-	1	7	3	1	56
TOTAL	10	1	7	3	1	67
VESSELS, MOTOR	10	1	7	3	1	123
VESSELS, MOTOR	-	-	-	-	-	6
GROSS TONNAGE	-	-	-	-	-	218
BOATS, MOTOR	5	-	1	-	-	44

ITEM	LANAI				
	GILL NETS	LINES			TOTAL, EXCLUSIVE OF DUPLI- CATION
		HAND	TROLL	LONG OR SET WITH HOOKS	
FISHERMEN, ON BOATS AND SHORE	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>
	4	14	14	2	24
BOATS, MOTOR	1	8	12	1	14

1/ SEINES AND MISCELLANEOUS NETS.

NOTE:--NUMBER AND QUANTITY OF GEAR ARE NOT AVAILABLE. DATA ON OPERATING UNITS ARE INCOMPLETE.

HAWAII FISHERIES

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HAWAII - CATCH BY ISLANDS, 1962

SPECIES		HAWAII		MOLOKAI		OAHU	
ENGLISH	HAWAIIAN	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
OCEAN CATCH:							
AMBERJACK	KAHALA	6,143	\$1,513	-	-	53,371	\$16,579
BARRACUDA	KAKU	327	61	4	\$2	1,340	381
BARRACUDA, JAPANESE	KAWALEA	4,878	1,956	-	-	1,915	883
BIGEYE SCAD	AKULE	30,646	20,520	516	258	84,921	69,293
BONEFISH	OIO	4,662	1,069	6	2	4,836	1,508
CREVALLE:							
BLUE	OMILU	3	1	-	-	4,876	2,861
JACK	ULUA	6,591	2,520	43	8	52,648	23,570
DAMSELFISH	KUPIPI	32	12	-	-	2,534	920
DOLPHIN	MAHI MAHI	23,767	7,472	58	18	80,515	37,970
EELS:							
CONGER	PUHI	72	28	-	-	4,734	741
MORAY	PUHI	100	5	-	-	2,188	175
GOATFISHES:							
	KUMU	361	356	-	-	11,185	12,269
	MALU	-	-	-	-	2,738	1,652
	MOANO	1,700	958	1	(1)	10,195	6,101
	MOELUA	-	-	-	-	5	2
	WEKE	2,705	1,887	356	47	49,344	18,398
	WEKE-ULA	371	231	-	-	13,951	9,331
	OPELU	144,663	40,433	-	-	139,348	59,804
MACKEREL, JACK							
MARLIN:							
BLACK	A'U	49,740	8,971	-	-	132,762	40,958
SAILFISH	A'U LEPE	1,614	357	-	-	4,103	548
SILVER	A'U	16,849	4,522	-	-	4,141	1,344
STRIPED	A'U	34,996	7,596	-	-	241,226	66,045
MILKFISH	AWA	1,243	538	235	126	6,587	2,278
MOUNTAIN BASS	AHOLEHOLE	205	130	8	6	1,979	1,086
MULLET	AKAAMA	821	621	1,820	1,259	4,134	3,756
PARROT FISH	UHU	42	14	-	-	3,088	1,164
RED BIGEYE	AWEOWEO	1,084	453	-	-	611	249
RUDDERFISH	NENUE	395	181	-	-	4,295	2,108
RUNNER	LAI	148	53	-	-	105	20
SARDINE	MAKIWA	-	-	-	-	12	2
SEA BASS, BLACK	HAPUUPUU	1,289	635	-	-	17,905	8,033
SNAPPER:							
GRAY	UKU	1,714	645	-	-	50,637	19,924
PINK	KALIKALI	1,197	628	-	-	16,695	8,625
PINK	OPAKAPAKA	5,560	2,674	-	-	67,818	33,301
RED	ULAUULA	1,392	1,208	-	-	20,431	15,442
RED	ULAUULA KOAE	1,160	963	-	-	57,916	53,252
SQUID	A'AWA	1,120	163	-	-	930	203
SPOT	UU	4,901	3,216	-	-	5,042	4,252
SURGEON FISH:							
	KALA	5	1	-	-	17,089	2,788
	MAIKO	117	56	-	-	263	28
	PALANI	95	12	-	-	3,003	610
	PUALU	2	(1)	-	-	18,696	4,056
	A'U	1,914	180	-	-	23,543	3,860
SWORDFISH							
TANG:							
CONVICT	MANINI	1,751	1,157	153	62	4,184	1,779
ORANGE SPOT	NAENAE	-	-	-	-	762	116
TEMPONDER	AWAAWA	-	-	-	-	335	133
THREADFIN	MOI	185	175	35	24	674	544
TRIGGERFISH	HUMUHUMU	395	81	-	-	308	133
TUNA:							
ALBACORE	AHI PALAHA	4,137	742	-	-	12,567	3,289
BIGEYE AND BLUEFIN	AHI	261,135	117,952	-	-	959,936	479,921
LITTLE	KAWAKAWA	362	52	5	1	7,063	1,177
SKIPJACK	AKU	732,481	77,286	-	-	7,630,301	980,546
YELLOWFIN	AHI	174,706	38,107	-	-	205,233	99,918
TOTAL TUNA		1,172,821	234,139	5	1	8,614,100	1,564,850
WAHOO ONO							
UNCLASSIFIED		11,593	1,939	-	-	7,005	1,202
		4,290	1,410	-	-	14,096	4,772
TOTAL FISH		1,545,659	351,470	3,240	1,813	10,065,121	2,109,909
SHELLFISH, ETC.							
CRAB:							
	KONA	430	194	-	-	22,010	15,967
	KUAHONU	-	-	-	-	184	118
	PAPAI	3,445	1,032	-	-	565	148
	OPIHI	1,349	3,031	246	644	-	-
LIMPET OPIHI							
LOBSTERS:							
	SLIPPER	-	-	-	-	54	36
	SPINY	303	198	-	-	6,891	4,659

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

HAWAII FISHERIES

HAWAII - CATCH BY ISLANDS, 1962 - Continued

SPECIES		HAWAII		MOLOKAI		OAHU	
ENGLISH	HAWAIIAN	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
SHELLFISH - CONTINUED							
OCEAN CATCH - CONTINUED:							
OCTOPUS	HEE	100	\$62	159	\$112	2,213	\$1,180
SHRIMP	OPAE	-	-	336	1,305	-	-
SQUID	MUHEE	10,516	2,632	-	-	-	-
TURTLES	HONU	-	-	-	-	477	48
TOTAL SHELLFISH, ETC.		16,143	7,349	741	2,061	32,394	22,156
TOTAL OCEAN CATCH		1,561,602	358,819	3,961	3,874	10,097,515	2,132,065
POND CATCH 2/: FISH							
BARRACUDA	KAKU	-	-	7	1	761	637
BARRACUDA	JAPANESE	-	-	-	-	23	22
BONEFISH	OIO	-	-	51	20	177	83
CREVALLE, JACK	ULUA	-	-	-	-	1,436	1,274
GOATFISH	WEKE	-	-	-	-	295	83
MILKFISH	AWA	-	-	22	11	4,280	2,444
MOUNTAIN BASS	AHOLEHOLE	-	-	607	546	3,616	1,055
MULLET	AMAAMA	-	-	324	300	34,746	33,129
RUNNER	LAI	-	-	-	-	58	14
SURGEON FISH	PUALU	-	-	-	-	33	79
TENPOUNDER	AWAAMA	-	-	-	-	745	299
THREADFIN	MOI	-	-	23	16	110	110
UNCLASSIFIED	-	-	-	-	-	58	34
TOTAL FISH		-	-	1,034	896	46,640	39,263
SHELLFISH							
CLAMS, HARD	OLEPE	-	-	1,317	2,401	-	-
CRABS:							
	KUAHONU	-	-	10	7	1,728	1,184
	MOALA	-	-	-	-	304	105
	PAPAI	-	-	-	-	1,358	523
	SAMOAN	-	-	-	-	165	130
	OPAE	-	-	-	-	22	79
SHRIMP	-	-	-	-	-	-	-
TOTAL SHELLFISH		-	-	1,327	2,408	3,577	2,021
TOTAL POND CATCH		-	-	2,361	3,304	50,217	41,284
GRAND TOTAL		1,561,602	358,819	6,342	7,178	10,147,732	2,173,349

SPECIES		KAUAI		MAUI		LANAI	
ENGLISH	HAWAIIAN	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
OCEAN CATCH:							
AMBERJACK	KAHALA	23,059	\$7,870	2,572	\$455	155	\$61
BARRACUDA	KAKU	725	187	19	7	121	48
BARRACUDA	JAPANESE	39	14	261	81	22	11
BIGEYE SCAD	AKULE	57,858	34,347	43,602	27,134	1,457	898
BONEFISH	OIO	5,289	964	1,308	346	79	57
CREVALLE:							
BLUE	OMILU	69	26	85	51	-	-
JACK	ULUA	3,702	1,382	5,362	2,367	642	356
DAMSELFISH	KUPIPI	-	-	15	9	-	-
DOLPHIN	MAHIMAHI	1,253	356	3,033	692	315	128
EELS, CONGER	PUHI	-	-	11	2	-	-
GOATFISHES:							
	KUMU	-	-	594	417	-	-
	MOANO	45	5	238	103	5	3
	MOELUA	-	-	4,979	2,702	101	62
	WEKE	3,907	2,055	1,876	667	-	-
	WEKE-ULUA	2,254	1,187	191	48	-	-
MACKEREL, JACK	OPELU	39,746	9,664	57,731	13,731	2,105	814
MARLIN:							
BLACK	AIU	419	80	-	-	-	-
STRIPED	AIU	308	95	-	-	-	-
MILKFISH	AWA	-	-	1,597	325	-	-
MOUNTAIN BASS	AHOLEHOLE	1,017	637	2,062	1,410	-	-
MULLET	AMAAMA	3,709	2,831	926	637	-	-
PARROT FISH	UHU	111	44	85	25	-	-
RED BIGEYE	AWEOWEO	52	23	276	110	-	-
RUDDERFISH	NENU	556	190	166	51	12	3
RUNNER	LAI	12	5	961	249	-	-
SEA BASS, BLACK	HAPUUPUU	1,313	518	1,717	478	94	58

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

HAWAII FISHERIES

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HAWAII - CATCH BY ISLANDS, 1962 - Continued

SPECIES		KAUAI		MAUI		LANAI	
ENGLISH	HAWAIIAN	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FISH - CONTINUED							
OCEAN CATCH - CONTINUED:							
SNAPPER:							
GRAY	UKU	7,371	\$2,919	3,653	\$1,749	666	\$417
PINK	KALIKALI	395	163	60	29	-	-
PINK	OPAKAPAKA	653	245	28,772	14,086	161	79
RED	ULAULA	445	228	1,064	540	184	119
RED	ULAULA KOAE	-	-	3,020	1,713	326	213
SPOT	A'AWA	-	-	100	18	4	1
SQUIRRELFISH	UU	368	214	409	224	287	175
SURGEON FISH:							
	KALA	466	99	236	29	-	-
	PALANI	-	-	614	166	22	7
TANG, CONVICT	HAININI	379	192	96	30	6	6
TENPOUNDER	A'AWA	-	-	4	1	-	-
THREADFIN	MOI	9,255	4,731	3,975	2,211	-	-
TUNA:							
BIGEYE AND BLUEFIN	AHI	707	199	-	-	-	-
LITTLE	KAWAKAWA	3,799	700	505	72	1,562	424
SKIPJACK	AKU	9,101	2,164	1,030,965	110,568	12,528	3,421
YELLOWFIN	AHI	16,366	4,843	165	49	44	14
TOTAL TUNA		29,973	7,906	1,031,635	110,689	14,134	3,859
WAHOO	ONO	4,972	1,187	444	103	140	68
UNCLASSIFIED		336	97	2,201	649	101	43
TOTAL FISH		199,858	80,482	1,205,952	184,576	21,143	7,486
SHELLFISH, ETC.							
ALGAE	LIMU	111	129	-	-	-	-
CRABS	KONA	8,927	4,546	30	22	-	-
LIMPET	OPIHI	9	12	420	1,055	-	-
LOBSTERS, SPINY	ULA	97	53	599	322	-	-
OCTOPUS	HEE	739	485	1,377	664	-	-
SHRIMP	OPAE	-	-	136	91	-	-
SQUID	MUHEE	1,359	766	-	-	-	-
TOTAL SHELLFISH, ETC.		11,236	5,991	2,562	2,154	-	-
TOTAL OCEAN CATCH		211,094	86,473	1,208,514	186,730	21,143	7,486
GRAND TOTAL		211,094	86,473	1,208,514	186,730	21,143	7,486

1/ LESS THAN 50 CENTS.

2/ SALT-WATER.



UNDERWATER OBSERVATION CHAMBER IN BOW OF CHARLES H. GILBERT.

HAWAII FISHERIES

HAWAII - CATCH BY GEAR, 1962

SPECIES		HAUL SEINES		BAG NETS	
ENGLISH	HAWAIIAN	POUNDS	VALUE	POUNDS	VALUE
BARRACUDA, JAPANESE	KAWALEA	199	\$102	-	-
BIGEYE SCAD	AKULE	132	104	127,703	\$76,250
BONEFISH	OIO	1,030	364	5,343	674
CREVALLE, JACK	ULUA	2,800	1,868	58	53
DANSELFISH	KUPIPI	758	324	-	-
GOATFISHES:					
	KUMU	141	158	-	-
	MOANO	13	9	-	-
	WEKE	8,167	3,648	149	52
MACKEREL, JACK	OPELU	7	2	-	-
MILKFISH	AWA	109	39	-	-
MOUNTAIN BASS	AHOLEHOLE	-	-	780	468
MULLET	AMAAMA	4	2	-	-
PARROT FISH	UHU	1,479	515	-	-
RED BIGEYE	AWEOWEO	14	7	-	-
RUDDERFISH	NENUE	3,004	1,677	-	-
RUNNER	LAI	165	40	-	-
SNAPPER, GRAY	UKU	2,531	790	-	-
SPOT	A'AWA	4	2	-	-
SQUIRREL FISH	UU	44	27	-	-
SURGEON FISH:					
	KALA	6,852	1,723	-	-
	MAIKO	190	18	-	-
	PUALU	8,484	1,806	-	-
TANG, CONVICT	MANINI	1,304	546	-	-
THREADFIN	MOI	-	2	10,462	5,196
TRIGGERFISH	HUMUHUMU	4	-	-	-
UNCLASSIFIED		56	28	40	30
TOTAL		37,491	13,821	144,535	82,923

SPECIES		POTS AND TRAPS		GILL NETS, ANCHOR, SET OR STAKE		LINES	
ENGLISH	HAWAIIAN	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
AMBERJACK	KAHALA	940	\$269	-	-	5,448	\$1,626
BARRACUDA	KAKU	15	7	35	\$24	135	53
BARRACUDA, JAPANESE	KAWALEA	-	-	109	45	6,054	2,462
BIGEYE SCAD	AKULE	-	-	1,671	379	88,376	73,412
BONEFISH	OIO	21	7	-	-	5,585	1,471
CREVALLE:							
BLUE	OMILU	1,965	1,094	3	2	1,552	1,002
JACK	ULUA	6,620	3,421	1,424	872	10,150	5,073
DANSELFISH	KUPIPI	1,207	325	-	-	57	31
DOLPHIN	MAHIMAHI	-	-	-	-	30,554	9,602
EELS:							
CONGER	PUHI	4,640	729	19	2	72	28
MORAY	PUHI	2,244	174	-	-	-	-
GOATFISHES:							
	KUMU	9,828	10,734	597	419	503	529
	MALU	2,716	1,641	-	-	22	11
	MOANO	9,635	5,647	11	4	2,195	1,232
	MOELUA	-	-	-	-	2,379	1,290
	WEKE	29,314	10,110	3,653	1,400	6,176	3,686
	WEKE-ULA	3,898	2,078	-	-	3,561	2,360
MACKEREL, JACK	OPELU	-	-	-	-	186,043	73,978
MARLIN:							
BLACK	A'U	-	-	-	-	1,317	166
SAIFISH	A'U LEPE	-	-	-	-	86	25
STRIPED	A'U	-	-	-	-	102	10
MILKFISH	AWA	37	11	2,777	847	5,501	1,801
MOUNTAIN BASS	AHOLEHOLE	-	-	2,323	1,591	93	79
MULLET	AMAAMA	143	111	10,809	8,634	5	4
PARROT FISH	UHU	1,086	469	88	38	301	96
RED BIGEYE	AWEOWEO	140	60	271	106	1,499	618
RUDDERFISH	NENUE	136	42	615	208	376	164
RUNNER	LAI	32	6	867	224	46	14
SEA BASS, BLACK	HAPUUPUU	45	56	-	-	498	246
SNAPPER:							
GRAY	UKU	625	265	-	-	7,528	3,163
PINK	KALIKALI	-	-	-	-	377	206
PINK	OPAKAPAKA	1,007	418	-	-	3,393	1,576
RED	ULAULA	-	-	-	-	985	610
RED	ULAULA KOAE	-	-	-	-	639	518
SPOT	A'AWA	135	22	-	-	1,335	215
SQUIRREL FISH	UU	2,436	1,922	127	88	7,863	5,591
SURGEONFISH:							
	KALA	6,487	326	129	19	5	1
	MAIKO	36	5	-	-	-	-
	PALANI	2,998	609	387	109	130	22
	PUALU	4,886	1,148	32	8	85	16

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

HAWAII FISHERIES

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HAWAII - CATCH BY GEAR, 1962 - Continued

SPECIES		POTS AND TRAPS		GILL NETS, ANCHOR, SET OR STAKE		LINES	
						POLE & LINE (AND HAND)	
ENGLISH	HAWAIIAN	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
TANG:							
CONVICT	MANINI	2,289	\$926	161	\$88	2	\$1
ORANGE SPOT	NAENAE	762	116	-	-	-	-
TEMPONDER	AWAANA	21	9	30	11	282	111
THREADF IN	MOI	2	2	3,282	2,191	205	171
TRIGGERFISH	HUMUHUMU	292	125	-	-	392	85
TUNA:							
ALBACORE	AHI PALAHA	-	-	-	-	42	6
BIGEYE AND BLUEFIN	AHI	-	-	-	-	2,840	561
LITTLE	KAWAKAWA	-	-	-	-	4,093	810
SKIPJACK	AKU	-	-	-	-	9,390,605	1,168,897
YELLOWFIN	AHI	-	-	-	-	107,286	14,768
WAHOO	ONO	-	-	-	-	468	91
UNCLASSIFIED CRABS:		4,121	1,147	564	362	6,865	2,126
	KONA	-	-	-	-	8	7
	KUAHONU	173	112	1	(1)	10	6
	PAPAI	3,463	1,043	-	-	-	-
LOBSTERS:							
SLIPPER	ULAPAPAPA	54	36	-	-	-	-
SPINY	ULA	4,367	3,024	3,492	2,186	3	2
OCTOPUS	HEE	1,050	524	20	16	370	215
SQUID	MUHEE	-	-	-	-	3,609	1,259
TOTAL		109,866	48,770	33,497	19,895	9,896,106	1,382,303

SPECIES		LINES - CONTINUED				LIFT NETS	
		TROLL		LONG OR SET WITH HOOKS			
ENGLISH	HAWAIIAN	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
AMBERJACK	KAHALA	58	\$12	78,854	\$24,571	-	-
BARRACUDA	KAKU	18	5	2,331	596	-	-
BARRACUDA, JAPANESE	KAMELEA	-	-	753	336	-	-
BONEFISH	AKULE	44	31	2,745	2,383	-	-
CREVALLE:	OIO	-	-	1,421	433	-	-
BLUE	OMILU	-	-	1,513	841	-	-
JACK	ULUA	246	94	47,219	18,597	-	-
DOLPHIN	MAHIMAH	4,965	940	73,422	36,094	-	-
EELS:							
CONGER	PUHI	-	-	32	4	54	\$8
MORAY	PUHI	-	-	-	-	24	2
GOATFISHES:							
	KUMU	-	-	1,001	1,130	-	-
	MOANO	-	-	306	266	-	-
	MOELUA	-	-	2,606	1,418	98	58
	WEKE	-	-	341	189	-	-
	WEKE-ULA	239	129	9,069	6,230	-	-
MACKEREL, JACK	OPELU	19	6	1,494	486	196,030	49,974
MARLIN:							
BLACK	A'U	20,906	2,513	160,696	47,340	-	-
SAILFISH	A'U LEPE	-	-	5,631	660	-	-
SILVER	A'U	1,040	109	19,950	5,757	-	-
STRIPED	A'U	2,551	215	273,677	73,511	-	-
PARROT FISH	UHU	-	-	97	42	-	-
RED BIGEYE	AWEOEWO	-	-	84	34	-	-
RUDDERFISH	NEWUE	-	-	29	10	-	-
RUNNER	LAI	-	-	116	43	-	-
SARDINE	MAKI'AWA	-	-	12	2	-	-
SEA BASS, BLACK	HAPUUPUU	-	-	21,775	9,420	-	-
SNAPPER:							
GRAY	UKU	46	17	52,325	21,096	5	2
PINK	KALI KALI	-	-	17,970	9,259	-	-
PINK	OPAKAPAKA	-	-	98,564	48,392	-	-
RED	ULAULA	-	-	22,531	16,727	-	-
RED	ULAULA KOAE	-	-	61,785	55,623	-	-
SQUID	A'AWA	-	-	658	138	-	-
SQUIRRELFISH	UU	-	-	482	405	-	-
SURGEON FISH:							
	KALA	-	-	72	40	-	-
	PALANI	-	-	165	34	-	-
	PUALU	-	-	715	129	-	-
SWORDFISH	A'U	-	-	25,457	4,040	-	-
THREADF IN	MOI	-	-	-	7	-	-
TRIGGERFISH	HUMUHUMU	-	-	15	2	-	-

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

HAWAII FISHERIES

HAWAII - CATCH BY GEAR, 1962 - Continued

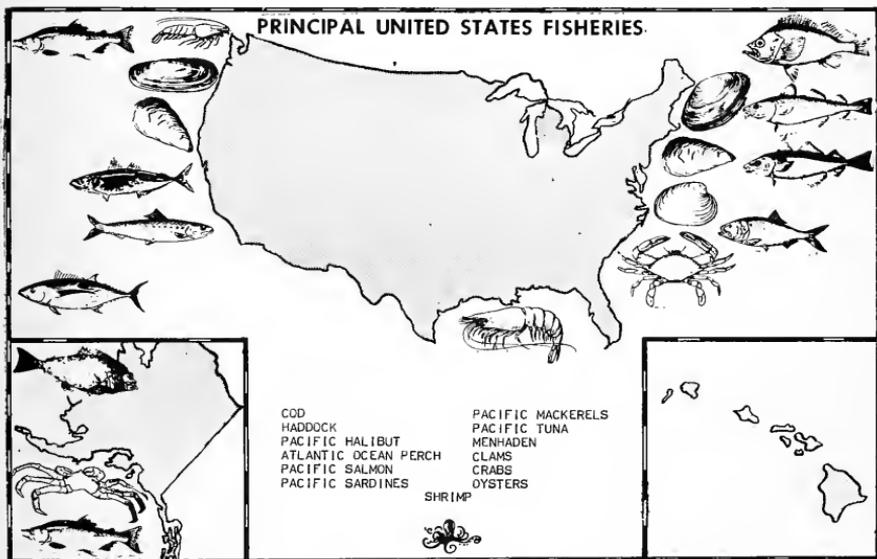
SPECIES		LINES - CONTINUED				LIFT NETS	
		TROLL		LONG OR SET WITH HOOKS			
ENGLISH	HAWAIIAN	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
TUNA:							
ALBACORE	AHIPALAHA	-	-	16,662	\$4,024	-	-
BIGEYE AND BLUEFIN	AHI	227	\$29	1,217,711	597,482	-	-
LITTLE	KAWAKAWA	5,068	652	4,135	964	-	-
SKIPJACK	AKU	11,390	2,913	11,855	1,832	1,526	\$343
YELLOWFIN	AHI	4,903	1,247	284,325	126,916	-	-
WALDO	ONO	2,469	310	21,017	4,098	-	-
UNCLASSIFIED		38	5	7,875	2,788	-	-
CRABS:							
	KONA	-	-	-	-	31,389	20,722
	PAPAI	-	-	-	-	547	137
SQUID	MUHEE	-	-	60	12	-	-
TOTAL		54,227	9,227	2,549,764	1,124,623	229,673	71,246
SPECIES		CAST NETS		SPEARS		BY HAND	
ENGLISH	HAWAIIAN	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CREVALLE, JACK	ULUA	5	\$2	-	-	-	-
MULLET	AMAAMA	24	10	-	-	-	-
SURGEON FISH	KALA	6	2	-	-	-	-
TANG, CONVICT	MANINI	837	442	-	-	-	-
THREAFIN	MOI	92	53	-	-	-	-
UNCLASSIFIED		58	23	-	-	-	-
ALGAE		-	-	-	-	111	\$129
LIMPET	LIJU	-	-	-	-	2,018	4,742
LOBSTERS, SPINY	ULA	-	-	-	-	16	9
OCTOPUS	HEE	-	-	3,113	\$1,722	-	-
TOTAL		1,022	532	3,113	1,722	2,145	4,880
SPECIES		NETS, UNCLASSIFIED		OTHER GEAR		VARIOUS GEAR, FISH POND	
ENGLISH	HAWAIIAN	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BARRACUDA	KAKU	2	\$1	-	-	768	\$638
BARRACUDA, JAPANESE	KAWALEA	-	-	-	-	23	22
BONEFISH	OJO	1,109	420	-	-	228	103
CREVALLE, JACK	ULUA	462	221	4	\$2	1,436	1,274
OMSELFISH	KUPIPI	559	261	-	-	-	-
ELLS, MORAY	PUHI	20	4	-	-	-	-
GOATFISHES:							
	KUMU	70	72	-	-	-	-
	MOANO	24	12	-	-	-	-
	WEKE	10,388	3,969	-	-	295	83
MILKFISH	AWA	1,238	569	-	-	4,302	2,455
MOUNTAIN BASS	AHOLEHOLE	2,070	1,128	5	3	4,223	1,601
MULLET	AMAAMA	425	343	-	-	35,070	33,429
PARROT FISH	UHU	275	87	-	-	-	-
RED BIGEYE	AWKOWEO	15	6	-	-	-	-
RUOERFISH	NENU	1,264	432	-	-	-	-
RUNNER	LAJ	-	-	-	-	58	14
SNAPPER, GRAY	UKU	961	319	-	-	-	-
SPOT	A'AWA	22	6	-	-	-	-
SQUIRRELFISH	UU	55	48	-	-	-	-
SURGEON FISH:							
	KALA	4,245	806	-	-	-	-
	MAIKO	154	61	-	-	-	-
	PALANI	54	21	-	-	-	-
	PUALU	4,496	949	-	-	333	79
TANG, CONVICT	MANINI	1,960	1,243	-	-	-	-
TENPOUNDER	AWAAMA	6	3	-	-	745	299
THREAFIN	MOI	74	65	-	-	133	128
UNCLASSIFIED		1,411	642	-	-	58	34
CLAMS, HARD	OLEPE	-	-	-	-	1,317	2,401
CRABS:							
	KUAHONU	-	-	-	-	1,738	1,191
	MOALA	-	-	-	-	304	105
	PAPAI	-	-	-	-	1,358	523
	SAMOAN	-	-	-	-	165	130
LOBSTERS, SPINY	ULA	12	11	-	-	-	-
OCTOPUS	HEE	35	26	-	-	-	-
SHRIMP	OPAE	472	1,396	-	-	22	79
SQUID	MUHEE	-	-	8,206	2,327	-	-
TURTLES	HONU	-	-	477	48	-	-
TOTAL		31,918	13,125	6,692	2,380	52,578	44,589

1/ LESS THAN 50 CENTS.

NOTE:--THE WEIGHT OF MEATS FOR MOLLUSKS IS BASED ON A YIELD OF 25 PERCENT FOR HARD CLAMS AND 20 PERCENT FOR LIMPETS.

REVIEW OF CERTAIN MAJOR FISHERIES

There are presented in this Section of the Digest complete data on the catch of certain major species of fish and shellfish taken on a commercial scale in the United States. Additional information is presented on the operating units engaged in the menhaden purse seine, salmon troll, the shrimp and fish otter trawl, and the tuna fisheries. Although the data on catch are included in the detailed catch tables of the various States, they have been repeated in individual fishery tables in this portion of the report to provide readers with a single source of catch data for cod, haddock, halibut, Pacific mackerel, jack mackerel, menhaden, Atlantic ocean perch, Pacific sardines, salmon, tuna, oysters, clams, crabs, and shrimp. Most of the above species are taken by several types of fishing gear. Because of this, the casual reader of the Digest often experiences difficulty in locating complete data on the catch of the species in individual State catch tables. The information contained in this Section includes the volume and value of the catch by individual types of gear and by States and districts.



U. S. COD FISHERY

In 1962, U.S. fishermen landed 50 million pounds of cod valued at \$3.5 million. This was a slight increase in both catch (up 437,000 pounds) and value (up \$308,000) compared with the previous year.

Otter trawls accounted for 84 percent of the catch; lines of all types, 11 percent; and gill nets, 4 percent. The remaining catch was taken in pound nets, floating traps, pots and traps, and dredges.

Landings at Massachusetts ports, amounting to 41 million pounds, accounted for 81 percent of the total catch. Washington was second with 3 million, followed by Maine with 2.3 million pounds. New Jersey and New York accounted for 1.5 million and 1 million pounds, respectively. The remaining catch was landed in seven other Atlantic and Pacific Coast States.

REVIEW OF CERTAIN MAJOR FISHERIES

SUMMARY OF COD CATCH, 1962

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

AREA AND STATE	OTTER TRAWLS		POUND NETS		FLOATING TRAPS	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
NEW ENGLAND:						
MAINE	1,096	45	-	-	-	-
MASSACHUSETTS	36,426	2,480	4	(1)	4	(1)
RHODE ISLAND	477	40	-	-	94	10
CONNECTICUT	261	22	-	-	-	-
TOTAL	38,260	2,587	4	(1)	98	10
MIDDLE ATLANTIC:						
NEW YORK	669	74	3	(1)	-	-
NEW JERSEY	356	39	-	-	-	-
TOTAL	1,025	113	3	(1)	-	-
CHESAPEAKE:						
MARYLAND	8	1	-	-	-	-
VIRGINIA	2	(1)	-	-	-	-
TOTAL	10	1	-	-	-	-
PACIFIC:						
WASHINGTON	3,160	158	-	-	-	-
OREGON	19	1	-	-	-	-
TOTAL	3,179	159	-	-	-	-
GRAND TOTAL	42,474	2,860	7	(1)	98	10

AREA AND STATE	POTS AND TRAPS		GILL NETS		LINES	
	QUANTITY	VALUE	QUANTITY	VALUE	HAND	
					QUANTITY	VALUE
NEW ENGLAND:						
MAINE	-	-	659	43	225	9
NEW HAMPSHIRE	-	-	-	-	25	2
MASSACHUSETTS	-	-	1,189	72	1,316	85
RHODE ISLAND	-	-	-	-	79	6
CONNECTICUT	-	-	-	-	29	3
TOTAL	-	-	1,848	115	1,674	105
MIDDLE ATLANTIC:						
NEW YORK	-	-	-	-	18	2
NEW JERSEY	(1)	(1)	-	-	3	(1)
TOTAL	(1)	(1)	-	-	21	2
CHESAPEAKE, MARYLAND	-	-	-	-	(1)	(1)
PACIFIC, WASHINGTON	-	-	6	(1)	-	-
GRAND TOTAL	(1)	(1)	1,854	115	1,695	107

AREA AND STATE	LINES - CONTINUED							
	TROLL		LONG OR SET WITH HOOKS		DREDGES		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
NEW ENGLAND:								
MAINE	-	-	280	10	-	-	2,260	107
NEW HAMPSHIRE	-	-	25	2	-	-	50	4
MASSACHUSETTS	-	-	1,700	122	8	1	40,647	2,760
RHODE ISLAND	-	-	49	4	-	-	699	60
CONNECTICUT	-	-	-	-	-	-	290	25
TOTAL	-	-	2,054	138	8	1	43,946	2,956
MIDDLE ATLANTIC:								
NEW YORK	-	-	338	37	-	-	1,028	113
NEW JERSEY	-	-	1,125	136	-	-	1,484	175
DELAWARE	-	-	38	4	-	-	38	4
TOTAL	-	-	1,501	177	-	-	2,550	292
CHESAPEAKE:								
MARYLAND	-	-	367	41	-	-	375	42
VIRGINIA	-	-	37	4	-	-	39	4
TOTAL	-	-	404	45	-	-	414	46
PACIFIC:								
WASHINGTON	(1)	(1)	(1)	(1)	-	-	3,166	158
OREGON	-	-	-	-	-	-	19	1
TOTAL	(1)	(1)	(1)	(1)	-	-	3,185	159
GRAND TOTAL	(1)	(1)	3,959	360	8	1	50,095	3,453

1/ LESS THAN 500 POUNDS OR \$500.

ATLANTIC COAST HADDOCK FISHERY

The 1962 commercial catch of haddock totaled 134.3 million pounds valued at \$11 million. This was an increase of 653,000 pounds (slightly less than one percent) and \$1 million (10 percent) compared with the previous year. The average price paid for the fish increased from 7.4 cents per pound in 1961 to 8.1 cents in 1962.

Haddock production at Massachusetts ports (131.6 million pounds) was the greatest since 1956 and comprised 98 percent of the U.S. catch of this species. The catch by otter trawls accounted for nearly 98 percent of the landings. The remaining 2 percent was taken with gill nets, lines, and dredges.

About 89 percent of the catch was taken from waters off New England--mainly in the Georges Bank and South Channel areas. Waters off Nova Scotia yielded nearly all of the remaining 11 percent.



SUMMARY OF HADDOCK CATCH, 1962

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

AREA AND STATE	OTTER TRAWLS		GILL NETS		LINES	
					HAND	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
NEW ENGLAND:						
MAINE	2,278	173	100	10	17	1
MASSACHUSETTS	126,691	10,438	412	29	207	15
RHODE ISLAND	29	2	-	-	-	-
CONNECTICUT	7	1	-	-	-	-
TOTAL	131,005	10,614	512	39	224	16
MIDDLE ATLANTIC, NEW YORK	81	10	-	-	-	-
GRAND TOTAL	131,086	10,624	512	39	224	16
AREA AND STATE	LINES - CONTINUED		DREDGES		TOTAL	
	LONG OR SET WITH HOOKS					
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
NEW ENGLAND:						
MAINE	150	12	-	-	2,545	195
NEW HAMPSHIRE	30	3	-	-	30	3
MASSACHUSETTS	2,238	218	10	1	131,558	10,701
RHODE ISLAND	-	-	-	-	29	2
CONNECTICUT	-	-	-	-	7	1
TOTAL	2,418	233	10	1	134,169	10,903
MIDDLE ATLANTIC, NEW YORK	-	-	-	-	81	10
GRAND TOTAL	2,418	233	10	1	134,250	10,913

REVIEW OF CERTAIN MAJOR FISHERIES

PACIFIC COAST HALIBUT FISHERY

In 1962, landings of halibut by the combined United States and Canadian fleets totaled a record 75 million pounds (landed weight), exceeding by 3.2 million pounds the former high catch taken in 1960. U. S. fishermen accounted for 40.4 million pounds (54 percent) of the total and received a record \$11.6 million for their catch, \$3 million more than in 1961. Canadian fishermen took a record 34.7 million pounds, 5.2 million pounds more than in the previous year. The U.S. halibut fleet operating out of Pacific Coast ports numbered 329 vessels--2 more than in 1961.

Catch limits set by the International Pacific Halibut Commission were unchanged from 1961--28 million pounds for Area 2 and 33 million pounds for Area 3A. There was no catch limit imposed in Area 1 and Area 3B. Early season fishing in the Bering Sea was very good, with 5.5 million pounds caught during April. The fishery was prosecuted in these waters by a small fleet of vessels until the season closed October 15. In Area 2, halibut were scarce, and the season was prolonged to September 8 (for a total of 122 days) in order to reach the established quota. The Area 3A season closed on August 11, when the quota was filled in 94 days.

Data on the landings of halibut in the following tables represent the dressed weight of fish, i.e., the weight by which the quota is determined. The dressed weight of halibut can be converted to round weight by multiplying by 1.33. Halibut landed in Canada by vessels of U.S. registry is credited to Alaska.

SUMMARY OF U. S. HALIBUT FLEET OPERATING UNITS, 1962

ITEM	WASHINGTON AND OREGON FLEET	ALASKA FLEET	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER
REGULAR HALIBUT VESSELS:			
NUMBER	114	300	329
GROSS TONNAGE	5,364	9,428	10,469
CREW	661	1,330	1,476
SKATES OF LINES	4,663	9,491	10,333
REGULAR HALIBUT BOATS:			
NUMBER	-	27	27
CREW	-	46	46
SKATES OF LINES	-	165	165
BOATS PRIMARILY IN OTHER FISHERIES BUT LANDING SMALL FARES OF HALIBUT 1/:			
NUMBER	-	54	54
CREW	-	82	82
SKATES OF LINES	-	270	270

1/ DOES NOT INCLUDE TROLLERS OR OTHER BOATS CATCHING HALIBUT INCIDENTAL TO OTHER FISHING OPERATIONS.

NOTE:--U. S. VESSELS LANDING HALIBUT AT PRINCE RUPERT, B. C. HAVE BEEN INCLUDED WITH THOSE LANDING IN ALASKA.

CATCH BY U. S. HALIBUT FLEET, 1962

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	LANDED IN						TOTAL	
	WASHINGTON AND OREGON		BRITISH COLUMBIA		ALASKA		QUANTITY	VALUE
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE		
HALIBUT	12,753	4,112	644	196	27,019	7,267	40,416	11,575
SABLEFISH	1,676	379	-	-	1,055	127	2,731	506
LINGCOD	30	2	-	-	18	1	48	3
ROCKFISHES	89	4	-	-	6	(1)	95	4
TOTAL	14,548	4,497	644	196	28,098	7,395	43,290	12,088

1/ LESS THAN \$500.

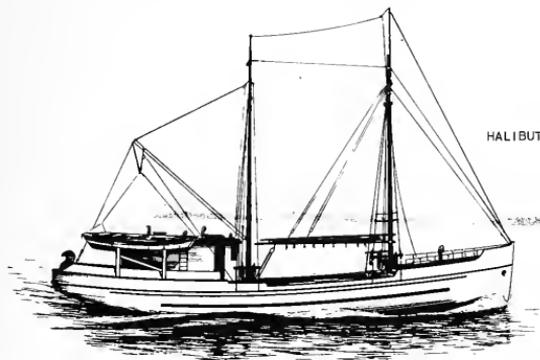
NOTE:--IN ADDITION THERE WERE APPROXIMATELY 30,000 POUNDS OF "NORTHERN" HALIBUT LANDED IN CALIFORNIA. MOST OF THIS CATCH WAS INCLUDED UNDER "CALIFORNIA HALIBUT" AND "UNCLASSIFIED FLOUNDERS". LANDINGS OF HALIBUT LIVERS AND VISCERA DURING 1962 AMOUNTED TO 24,900 POUNDS VALUED AT \$2,940. THE QUANTITIES SHOWN ABOVE REPRESENT DRESSED WEIGHT OF FISH. TO CONVERT TO ROUND WEIGHT, MULTIPLY THE WEIGHT OF HALIBUT BY 1.33 AND OTHER SPECIES BY 1.43.

SUMMARY OF UNITED STATES AND CANADIAN HALIBUT CATCH, 1962

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

FLEET CLASSIFICATION	LANDED IN						TOTAL	
	WASHINGTON AND OREGON		BRITISH COLUMBIA		ALASKA			
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
UNITED STATES FLEET 1/ . .	12,753	4,112	644	196	27,019	7,267	40,416	11,575
BRITISH COLUMBIA FLEET. .	4,133	1,317	24,817	7,865	5,723	1,442	34,673	10,624
TOTAL	16,886	5,429	25,461	8,061	32,742	8,709	75,089	22,199

1/ IN ADDITION THERE WERE APPROXIMATELY 30,000 POUNDS OF "NORTHERN" HALIBUT LANDED IN CALIFORNIA. MOST OF THIS CATCH WAS INCLUDED UNDER "CALIFORNIA HALIBUT" AND "UNCLASSIFIED FLOUNDERS".
 NOTE:--HALIBUT STATISTICS IN THESE TABLES WERE COMPILED FROM DATA COLLECTED BY THE INTERNATIONAL PACIFIC HALIBUT COMMISSION. STATISTICS FOR OTHER SPECIES WERE FURNISHED BY THE STATES.



HALIBUT SCHOONER

ATLANTIC OCEAN PERCH FISHERY

The 1962 catch of Atlantic ocean perch was 124 million pounds valued at \$5.2 million, a decline of 8 million pounds (6 percent) but an increase of \$109,000 (2 percent) compared with the previous year. The catch, which was less than half the 258 million pounds taken in the record year, 1951, was the smallest since 1944.

The fish were captured almost entirely by Maine and Massachusetts otter trawlers, except for a negligible amount taken with longlines. The Maine production, totaling 69 million pounds valued at \$2.9 million, comprised 56 percent of the volume and 55 percent of the value of the landings.

The largest quantity of ocean perch was taken on the Nova Scotia banks which yielded 64.8 million pounds (52 percent) of the total catch. The Grand Bank was next with 31 million pounds (25 percent) and the remainder was caught off the New England Coast or in the Gulf of St. Lawrence.

In 1952, the last new vessel entered the ocean perch fleet. Since that year, there has been a gradual decline in the size of the fleet and the catch. This downward trend has developed principally because of low prices, scarcity of ocean perch in local and Canadian waters, and fewer vessels capable of reaching distant fishing grounds.

REVIEW OF CERTAIN MAJOR FISHERIES

PACIFIC COAST SALMON FISHERY

The 1962 commercial salmon catch in the Pacific Coast States totaled 314.6 million pounds valued at \$56.4 million--a gain of over 4 million pounds and \$4 million compared with the previous year. Chiefly responsible for the increase were Alaska landings of 278 million pounds--13 million (5 percent) more than in 1961. The Washington catch, totaling 23 million pounds, declined 7 million (24 percent); while California landings, 7 million, fell 2 million pounds below the 1961 level. Oregon receipts of 7 million pounds remained much the same as in the previous year.

In Central Alaska, the Kodiak Island area had an excellent run of pink salmon which provided the best fishing in many years. Cook Inlet and Prince William Sound also had good runs of pink salmon. However, red salmon landings in Western Alaska declined sharply; and in Washington, the Puget Sound production of reds (5 million pounds) was far less than the predicted 32 million pounds. Purse seines, the most important gear used in taking salmon, accounted for 179 million pounds (57 percent) of the total catch. Gill nets were second with 106 million pounds (34 percent). The remaining 9 percent was taken by lines, floating traps, reef nets, pound nets, dip nets, haul seines, and fish wheels.



SUMMARY OF PACIFIC COAST SALMON TROLL LINE OPERATING UNITS, 1962

ITEM	ALASKA	WASHINGTON	OREGON	CALIFORNIA	TOTAL, EXCLUSIVE OF DUPLI- CATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS	716	885	556	1,730	3,358
ON BOATS AND SHORE	650	733	353	1,631	3,367
TOTAL	1,366	1,618	909	3,361	6,725
VESSELS, MOTOR:					
5 - 9 TONS	183	166	76	124	507
10 - 19 TONS	275	316	177	428	1,042
20 - 29 TONS	61	80	54	144	279
30 - 39 TONS	15	29	9	53	91
40 - 49 TONS	12	2	1	8	21
50 - 59 TONS	2	-	2	1	5
60 - 69 TONS	1	1	-	-	2
70 - 79 TONS	-	-	-	1	1
80 - 89 TONS	-	-	-	1	1
100 - 109 TONS	-	-	-	2	2
TOTAL VESSELS	549	594	319	762	1,951
TOTAL GROSS TONNAGE	7,721	8,705	4,705	12,787	29,454
BOATS, MOTOR	550	615	294	930	2,389
GEAR:					
NUMBER OF LINES	4,384	5,346	2,940	9,120	20,234
HOOKS	23,904	22,584	12,930	36,480	89,126

REVIEW OF CERTAIN MAJOR FISHERIES

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SALMON CATCH BY DISTRICT AND GEAR, 1962

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

GEAR AND SPECIES	ALASKA			
	SOUTHEASTERN	CENTRAL	WESTERN	TOTAL
	QUANTITY	QUANTITY	QUANTITY	QUANTITY
PURSE SEINES:				
CHINOOK OR KING	163	68	2	233
CHUM OR KETA	16,076	21,376	106	37,558
PINK	40,643	77,212	6,101	123,956
RED OR SOCKEYE	2,657	6,896	71	9,624
SILVER OR COHO	1,854	629	15	2,498
TOTAL	61,393	106,181	6,295	173,869
FLOATING TRAPS:				
CHINOOK OR KING	(1)	-	-	(1)
CHUM OR KETA	166	-	-	166
PINK	2,476	-	-	2,476
RED OR SOCKEYE	64	-	-	64
SILVER OR COHO	42	-	-	42
TOTAL	2,748	-	-	2,748
GILL NETS, ANCHOR, SET OR STAKE:				
CHINOOK OR KING	51	445	2,161	2,657
CHUM OR KETA	237	2,550	3,038	5,825
PINK	114	9,671	544	10,329
RED OR SOCKEYE	507	5,188	4,603	10,298
SILVER OR COHO	1,394	2,169	399	3,962
TOTAL	2,303	20,023	10,745	33,071
GILL NETS, DRIFT:				
CHINOOK OR KING	277	310	1,930	2,517
CHUM OR KETA	2,962	6,613	4,495	14,070
PINK	2,147	1,544	2,459	6,150
RED OR SOCKEYE	1,621	8,060	23,270	32,951
SILVER OR COHO	1,229	1,962	363	3,554
TOTAL	8,236	18,489	32,517	59,242
LINES, TROLL:				
CHINOOK OR KING	3,274	42	-	3,316
CHUM OR KETA	29	-	-	29
PINK	367	1	-	368
RED OR SOCKEYE	9	(1)	-	9
SILVER OR COHO	5,067	106	-	5,173
TOTAL	8,746	149	-	8,895
WHEELS:				
CHINOOK OR KING	-	-	16	16
CHUM OR KETA	-	-	4	4
SILVER OR COHO	-	-	3	3
TOTAL	-	-	23	23
GRAND TOTAL	83,426	144,842	49,580	277,848

GEAR AND SPECIES	WASHINGTON							
	PUGET SOUND		WASHINGTON COAST		COLUMBIA RIVER		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
HAUL SEINES:								
CHINOOK OR KING	42	18	-	-	-	-	42	18
CHUM OR KETA	12	2	-	-	-	-	12	2
SILVER OR COHO	51	15	-	-	-	-	51	15
TOTAL	105	35	-	-	-	-	105	35
PURSE SEINES:								
CHINOOK OR KING	232	74	-	-	-	-	232	74
CHUM OR KETA	761	148	-	-	-	-	761	148
PINK	(1)	(1)	-	-	-	-	(1)	(1)
RED OR SOCKEYE	3,318	1,088	-	-	-	-	3,318	1,088
SILVER OR COHO	1,085	331	-	-	-	-	1,085	331
TOTAL	5,396	1,641	-	-	-	-	5,396	1,641

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

REVIEW OF CERTAIN MAJOR FISHERIES

SALMON CATCH BY DISTRICT AND GEAR, 1962 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

GEAR AND SPECIES	WASHINGTON							
	PUGET SOUND		WASHINGTON COAST		COLUMBIA RIVER		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
POUND NETS:								
CHINOOK OR KING	42	18	-	-	6	1	48	19
CHUM OR KETA	1	(1)	-	-	-	-	1	(1)
RED OR SOCKEYE	6	2	-	-	-	-	6	2
SILVER OR COHO	80	24	-	-	-	-	80	24
TOTAL	129	44	-	-	6	1	135	45
GILL NETS:								
CHINOOK OR KING	639	275	507	219	1,654	670	2,800	1,164
CHUM OR KETA	1,143	212	722	106	18	3	1,883	321
PINK	1	(1)	-	-	-	-	1	(1)
RED OR SOCKEYE	1,240	407	81	46	19	8	1,340	461
SILVER OR COHO	2,586	805	806	238	139	39	3,531	1,082
TOTAL	5,609	1,699	2,116	609	1,830	720	9,555	3,028
LINES:								
CHINOOK OR KING	991	529	1,242	690	121	62	2,354	1,281
CHUM OR KETA	1	(1)	1	(1)	-	-	2	(1)
PINK	25	5	4	1	-	-	29	6
RED OR SOCKEYE	6	2	(1)	(1)	-	-	6	2
SILVER OR COHO	1,648	493	2,251	692	790	233	4,689	1,418
TOTAL	2,671	1,029	3,498	1,383	911	295	7,080	2,707
DIP NETS:								
CHINOOK OR KING	-	-	-	-	67	20	67	20
SILVER OR COHO	-	-	-	-	16	4	16	4
TOTAL	-	-	-	-	83	24	83	24
REEF NETS:								
CHINOOK OR KING	20	7	-	-	-	-	20	7
CHUM OR KETA	5	1	-	-	-	-	5	1
RED OR SOCKEYE	399	131	-	-	-	-	399	131
SILVER OR COHO	74	23	-	-	-	-	74	23
TOTAL	498	162	-	-	-	-	498	162
GRAND TOTAL	14,408	4,610	5,614	1,992	2,830	1,040	22,852	7,642

GEAR AND SPECIES	OREGON					
	COLUMBIA RIVER		OREGON COAST		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
GILL NETS:						
CHINOOK OR KING	3,784	1,400	-	-	3,784	1,400
CHUM OR KETA	29	4	-	-	29	4
RED OR SOCKEYE	33	14	-	-	33	14
SILVER OR COHO	460	115	-	-	460	115
TOTAL	4,306	1,533	-	-	4,306	1,533
LINES:						
CHINOOK OR KING	84	43	607	335	691	378
SILVER OR COHO	385	114	1,778	534	2,163	648
TOTAL	469	157	2,385	869	2,654	1,026
DIP NETS:						
CHINOOK OR KING	32	10	-	-	32	10
RED OR SOCKEYE	1	(1)	-	-	1	(1)
SILVER OR COHO	(1)	(1)	-	-	(1)	(1)
TOTAL	33	10	-	-	33	10
GRAND TOTAL	4,808	1,700	2,385	869	7,193	2,569

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

REVIEW OF CERTAIN MAJOR FISHERIES

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SALMON CATCH BY DISTRICT AND GEAR, 1962 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

GEAR AND SPECIES	CALIFORNIA					
	NORTHERN		SAN FRANCISCO		MONTEREY	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
OTTER TRAWLS	(1)	(1)	(1)	(1)	-	-
LINES:						
CHINOOK OR KING	3,833	2,319	2,042	1,305	307	186
SILVER OR COHO	360	130	9	4	2	(1)
TOTAL	4,193	2,449	2,051	1,309	309	186
GEAR AND SPECIES	CALIFORNIA - CONTINUED					
	SANTA BARBARA		SAN PEDRO		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
OTTER TRAWLS	-	-	-	-	(1)	(1)
LINES:						
CHINOOK OR KING	109	73	11	6	6,302	3,889
SILVER OR COHO	(1)	(1)	-	-	371	134
TOTAL	109	73	11	6	6,673	4,023

1/ LESS THAN 500 POUNDS OR \$500.

NOTE:--IN ALASKA, THE CATCH TAKEN BY HAUL SEINES IS INCLUDED WITH THAT TAKEN BY PURSE SEINES.

SUMMARY OF SALMON CATCH BY DISTRICTS, 1962

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	ALASKA							
	SOUTHEASTERN		CENTRAL		WESTERN		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
CHINOOK OR KING	3,765	1,754	865	218	4,109	727	8,739	2,699
CHUM OR KETA	19,470	1,641	30,539	2,474	7,643	517	57,652	4,832
PINK	45,747	5,591	88,428	13,719	9,104	986	143,279	20,296
RED OR SOCKEYE	4,858	1,320	20,144	4,645	27,944	5,165	52,946	11,130
SILVER OR COHO	9,586	2,257	4,866	794	780	111	15,232	3,162
TOTAL	83,426	12,763	144,842	21,850	49,580	7,506	277,848	42,119

SPECIES	WASHINGTON							
	PUGET SOUND		WASHINGTON COAST		COLUMBIA RIVER		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
CHINOOK OR KING	1,966	921	1,749	909	1,848	753	5,563	2,583
CHUM OR KETA	1,923	363	723	106	18	3	2,664	472
PINK	26	5	4	1	-	-	30	6
RED OR SOCKEYE	4,969	1,630	81	46	19	8	5,069	1,684
SILVER OR COHO	5,524	1,691	3,057	930	945	276	9,526	2,897
TOTAL	14,408	4,610	5,614	1,992	2,830	1,040	22,852	7,642

SPECIES	OREGON							
	COLUMBIA RIVER		OREGON COAST		TOTAL			
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
CHINOOK OR KING	3,900	1,453	607	335	4,507	1,788		
CHUM OR KETA	29	4	-	-	29	4		
RED OR SOCKEYE	34	14	-	-	34	14		
SILVER OR COHO	845	229	1,778	534	2,623	763		
TOTAL	4,808	1,700	2,385	869	7,193	2,569		

SPECIES	CALIFORNIA					
	NORTHERN		SAN FRANCISCO		MONTEREY	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
CHINOOK OR KING	3,833	2,319	2,042	1,305	307	186
SILVER OR COHO	360	130	9	4	2	(1)
TOTAL	4,193	2,449	2,051	1,309	309	186

SPECIES	CALIFORNIA - CONTINUED					
	SANTA BARBARA		SAN PEDRO		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
CHINOOK OR KING	109	73	11	6	6,302	3,889
SILVER OR COHO	(1)	(1)	-	-	371	134
TOTAL	109	73	11	6	6,673	4,023

1/ LESS THAN 500 POUNDS OR \$500.

REVIEW OF CERTAIN MAJOR FISHERIES

SUMMARY OF SALMON CATCH BY GEAR, 1962

(THOUSANDS OF POUNDS)

STATE AND DISTRICT	HAUL SEINES	PURSE SEINES	OTTER TRAWLS	POUND NETS	FLOATING TRAPS	GILL NETS
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
ALASKA:						
SOUTHEASTERN	-	61,393	-	-	2,748	10,539
CENTRAL	-	106,181	-	-	-	38,512
WESTERN	-	6,295	-	-	-	43,262
TOTAL	-	173,869	-	-	2,748	92,313
WASHINGTON:						
PUGET SOUND	105	5,396	-	129	-	5,609
WASHINGTON COAST	-	-	-	6	-	2,116
COLUMBIA RIVER	-	-	-	-	-	1,830
TOTAL	105	5,396	-	135	-	9,555
OREGON, COLUMBIA RIVER	-	-	-	-	-	4,306
CALIFORNIA:						
NORTHERN	-	-	(1)	-	-	-
SAN FRANCISCO	-	-	(1)	-	-	-
TOTAL	-	-	(1)	-	-	-
GRAND TOTAL	105	179,265	(1)	135	2,748	106,174
STATE AND DISTRICT	LINES	DIP NETS	REEF NETS	FISH WHEELS	TOTAL	
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	
ALASKA:						
SOUTHEASTERN	6,746	-	-	-	83,426	
CENTRAL	149	-	-	-	144,842	
WESTERN	-	-	-	23	49,580	
TOTAL	6,895	-	-	23	277,848	
WASHINGTON:						
PUGET SOUND	2,671	-	498	-	14,408	
WASHINGTON COAST	3,498	-	-	-	5,614	
COLUMBIA RIVER	911	83	-	-	2,830	
TOTAL	7,080	83	498	-	22,852	
OREGON:						
COLUMBIA RIVER	469	33	-	-	4,808	
OREGON COAST	2,385	-	-	-	2,385	
TOTAL	2,854	33	-	-	7,193	
CALIFORNIA:						
NORTHERN	4,193	-	-	-	4,193	
SAN FRANCISCO	2,051	-	-	-	2,051	
MONTEREY	309	-	-	-	309	
SANTA BARBARA	109	-	-	-	109	
SAN PEDRO	11	-	-	-	11	
TOTAL	6,673	-	-	-	6,673	
GRAND TOTAL	25,502	116	498	23	314,566	

1/ LESS THAN 500 POUNDS.

SUMMARY OF SALMON CATCH BY SPECIES, 1962

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	QUANTITY	VALUE
CHINOOK OR KING	25,111	10,959
CHUM OR KETA	60,345	5,306
PINK	143,309	20,302
RED OR SOCKEYE	58,049	12,628
SILVER OR COHO	27,752	6,956
TOTAL	314,566	56,353



PACIFIC COAST SARDINE FISHERY

The 15.4 million pounds of sardines landed at California ports during 1962 were the lowest recorded in the past 9 years and a marked decline from the average yearly landings of over 80 million pounds during the previous decade. The sardine season in southern California was curtailed 5 weeks due to a price dispute at San Pedro. This tie-up, however, was of little consequence to total sardine landings, since it was reported that no sardines were available during the period.

The entire sardine catch was taken by purse seines and lampara nets. The San Pedro district accounted for 69 percent of the landings and the Monterey district, 17 percent. The remaining 14 percent, for the most part, was taken in the Santa Barbara district.

In June 1961, the State of California enacted legislation extending the 1961 and 1962 sardine fishing season 2 months to permit taking sardines during January and February.



SARDINE, PACIFIC

REVIEW OF CERTAIN MAJOR FISHERIES

MACKEREL FISHERIES OF THE PACIFIC COAST

In 1962, jack mackerel landings totaled 90 million pounds--a decline of more than 7 million (8 percent) compared with the previous year. Landings of Pacific mackerel, 48.6 million pounds, were 4.5 million (10 percent) greater than in 1961. The combined mackerel catch, 139 million pounds, valued at \$3 million, was about 3 million pounds less than in the previous year; while the value remained virtually unchanged. As in former years, most of the catch of jack mackerel (87 percent) and Pacific mackerel (90 percent) was landed in the San Pedro district. Purse seines and lampara nets were the principal gear used in the prosecution of this fishery. Mackerel were abundant during most of the year, and a much larger catch could have been made had there been a market for the fish.

SUMMARY OF JACK MACKEREL CATCH, 1962

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

STATE AND DISTRICT	PURSE SEINES AND LAMPARA NETS 1/		OTTER TRAWLS	
	QUANTITY	VALUE	QUANTITY	VALUE
CALIFORNIA:				
SAN FRANCISCO	4	(3)	-	-
MONTEREY	2,048	50	2	(3)
SANTA BARBARA	9,570	173	-	-
SAN PEDRO	76,353	1,646	-	-
TOTAL	89,975	1,869	2	(3)
HAWAII	(3)	(3)	-	-
GRAND TOTAL	89,975	1,869	2	(3)

STATE AND DISTRICT	LINES		DIP, BRAIL OR SCDOOP NETS 2/		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
CALIFORNIA:						
SAN FRANCISCO	-	-	-	-	4	(3)
MONTEREY	-	-	-	-	2,050	50
SANTA BARBARA	-	-	2	(3)	9,572	173
SAN PEDRO	(3)	(3)	-	-	76,353	1,646
TOTAL	(3)	(3)	2	(3)	89,979	1,869
HAWAII	168	74	196	50	364	124
GRAND TOTAL	168	74	198	50	90,363	1,993

1/ INCLUDES THE CATCH BY HAUL SEINES IN HAWAII.

2/ INCLUDES THE CATCH BY LIFT NETS IN HAWAII.

3/ LESS THAN 500 POUNDS OR \$500.

SUMMARY OF PACIFIC MACKEREL CATCH, 1962

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

STATE AND DISTRICT	PURSE SEINES AND LAMPARA NETS		GILL AND TRAMMEL NETS	
	QUANTITY	VALUE	QUANTITY	VALUE
CALIFORNIA:				
MONTEREY	3	(1)	-	-
SANTA BARBARA	4,800	85	-	-
SAN PEDRO	43,488	935	(1)	(1)
SAN DIEGO	38	2	-	-
TOTAL	48,329	1,022	(1)	(1)

STATE AND DISTRICT	LINES		DIP, BRAIL OR SCDOOP NETS		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
CALIFORNIA:						
MONTEREY	-	-	3	(1)	6	(1)
SANTA BARBARA	-	-	61	1	4,861	86
SAN PEDRO	3	(1)	180	4	43,671	939
SAN DIEGO	-	-	3	(1)	41	2
TOTAL	3	(1)	247	5	48,579	1,027

1/ LESS THAN 500 POUNDS OR \$500.

PACIFIC TUNA FISHERY

The 1962 domestic catch of tuna landed at Pacific Coast and Hawaii ports totaled 304.9 million pounds valued at \$44.6 million. Landings were 18.5 million pounds less than the previous year as a result of a smaller catch of yellowfin tuna. The increase in the production of albacore tuna was instrumental in raising the total value of the tuna catch \$2.4 million above that of 1961. Landings of bluefin tuna reached a record high, exceeding the previous high in 1958 by 1.7 million pounds. In Hawaii, the catch of 11.1 million pounds was 1.4 million pounds less than in 1961.

The conversion of California clippers to seiners was nearly completed in 1962; however, the purse seine catch was 17.9 million pounds less than in 1961. The catch of skipjack and yellowfin by lines decreased sharply but the total catch by this gear was nearly as large as in the previous year because of a 47 percent gain in the production of albacore.

A total of 4,859 fishermen, 1,180 vessels, and 618 motor boats engaged in the tuna fishery in 1962.

SUMMARY OF PACIFIC COAST TUNA OPERATING UNITS, 1962

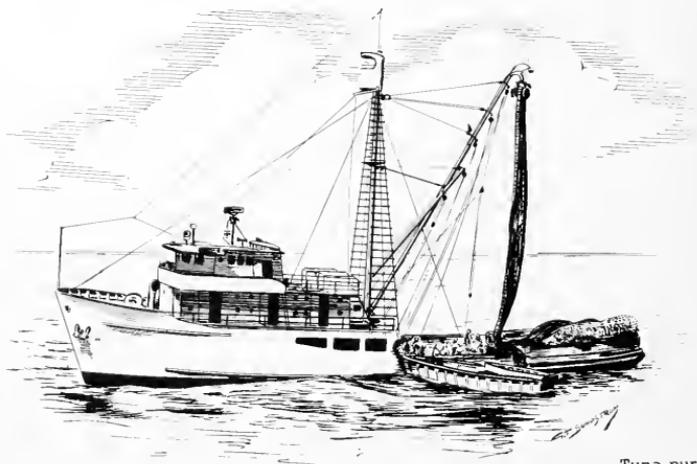
ITEM	PURSE SEINES	LINES, HAND			TOTAL, EXCLUSIVE OF DUPLICATION
		ALBACORE BAIT BOATS	TUNA CLIPPERS	ALBACORE TROLLERS	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS,	1,595	813	356	1,961	4,293
ON BOATS AND SHORE,	24	109	41	392	566
TOTAL	1,619	922	397	2,353	4,859
VESSELS, MOTOR:					
5 - 9 TONS,	-	6	-	73	76
10 - 19 TONS,	-	107	6	401	474
20 - 29 TONS,	1	67	1	215	256
30 - 39 TONS,	4	44	6	111	137
40 - 49 TONS,	2	13	5	31	44
50 - 59 TONS,	1	6	3	15	20
60 - 69 TONS,	2	3	-	7	12
70 - 79 TONS,	2	1	1	1	4
80 - 89 TONS,	3	2	1	3	8
90 - 99 TONS,	5	3	1	1	9
100 - 109 TONS,	4	2	-	-	6
110 - 119 TONS,	6	2	1	1	9
120 - 129 TONS,	5	-	-	2	7
130 - 139 TONS,	5	-	-	-	5
140 - 149 TONS,	1	-	-	-	1
150 - 159 TONS,	3	-	-	-	3
160 - 169 TONS,	2	1	3	-	5
170 - 179 TONS,	1	-	1	-	1
180 - 189 TONS,	3	1	1	-	4
190 - 199 TONS,	5	1	7	-	12
200 - 209 TONS,	-	-	1	-	1
210 - 219 TONS,	2	-	-	-	2
220 - 229 TONS,	1	-	-	-	1
230 - 239 TONS,	4	-	-	-	4
240 - 249 TONS,	3	-	-	-	3
250 - 259 TONS,	3	-	-	-	3
260 - 269 TONS,	3	-	-	-	3
270 - 279 TONS,	4	-	-	-	4
280 - 289 TONS,	2	-	-	-	2
290 - 299 TONS,	-	-	-	-	-
300 - 309 TONS,	1	-	-	-	1
310 - 319 TONS,	4	-	-	-	4
320 - 329 TONS,	2	-	-	-	2
330 - 339 TONS,	1	-	-	-	1
340 - 349 TONS,	2	-	-	-	2
350 - 359 TONS,	7	-	-	-	7
360 - 369 TONS,	4	-	1	-	5
370 - 379 TONS,	6	2	6	-	10
380 - 389 TONS,	3	-	-	-	3
390 - 399 TONS,	2	-	-	-	2

(CONTINUED ON NEXT PAGE)

REVIEW OF CERTAIN MAJOR FISHERIES

SUMMARY OF PACIFIC COAST TUNA
OPERATING UNITS, 1962 - Continued

ITEM	PURSE SEINES	LINES, HAND			TOTAL, EXCLUSIVE OF DUPLI- CATION
		ALBACORE BAIT BOATS	TUNA CLIPPERS	ALBACORE TROLLERS	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
VESSELS, MOTOR:					
400 - 409 TONS	1	-	-	-	1
410 - 419 TONS	2	-	-	-	2
420 - 429 TONS	2	-	-	-	2
430 - 439 TONS	5	-	-	-	5
440 - 449 TONS	4	-	-	-	4
450 - 459 TONS	2	-	-	-	2
460 - 469 TONS	2	-	-	-	2
470 - 479 TONS	4	-	-	-	4
480 - 489 TONS	3	-	-	-	3
490 - 499 TONS	1	-	-	-	1
570 - 579 TONS	1	-	-	-	1
610 - 619 TONS	1	-	-	-	1
680 - 689 TONS	1	-	-	-	1
810 - 819 TONS	1	-	-	-	1
TOTAL VESSELS	136	261	44	861	1,180
TOTAL GROSS TONNAGE	36,954	8,047	5,907	18,528	64,234
BOATS, MOTOR	256	90	46	232	618
GEAR:					
NUMBER	147	875	354	9,402	-
LENGTH, YARDS	98,830	-	354	9,402	-
HOOKS	-	875	354	9,402	-



Tuna purse seiner

REVIEW OF CERTAIN MAJOR FISHERIES

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SUMMARY OF PACIFIC TUNA CATCH, 1962

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES, STATE, AND DISTRICT	PURSE SEINES		LINES		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
ALBACORE:						
WASHINGTON:						
PUGET SOUND	-	-	18	3	18	3
COASTAL	-	-	186	33	186	33
COLUMBIA RIVER	-	-	161	29	161	29
TOTAL	-	-	365	65	365	65
OREGON:						
COLUMBIA RIVER	-	-	5,918	1,000	5,918	1,000
COASTAL	-	-	3,032	497	3,032	497
TOTAL	-	-	8,950	1,497	8,950	1,497
CALIFORNIA:						
NORTHERN	-	-	1,377	188	1,377	188
SAN FRANCISCO	-	-	1,505	205	1,505	205
MONTEREY	-	-	2,686	386	2,686	386
SANTA BARBARA	-	-	984	136	984	136
SAN PEDRO	730	123	18,640	3,143	19,370	3,266
SAN DIEGO	2	1	10,699	1,858	10,701	1,859
TOTAL	732	124	35,891	5,916	36,623	6,040
HAWAII	-	-	17	4	17	4
GRAND TOTAL, ALBACORE	732	124	45,223	7,482	45,955	7,606
BLUEFIN:						
CALIFORNIA:						
SAN PEDRO	29,949	4,205	-	-	29,949	4,205
SAN DIEGO	1,251	163	-	-	1,251	163
TOTAL	31,200	4,368	-	-	31,200	4,368
HAWAII 1/	-	-	1,221	598	1,221	598
GRAND TOTAL, BLUEFIN	31,200	4,368	1,221	598	32,421	4,966
LITTLE, HAWAII	-	-	13	2	13	2
SKIPJACK:						
CALIFORNIA:						
SAN PEDRO	65,562	8,398	3,748	480	69,310	8,878
SAN DIEGO	13,444	1,748	9,967	1,296	23,411	3,044
TOTAL	79,006	10,146	13,715	1,776	92,721	11,922
HAWAII	-	-	9,415	1,174	9,415	1,174
GRAND TOTAL, SKIPJACK	79,006	10,146	23,130	2,950	102,136	13,096
YELLOWFIN:						
CALIFORNIA:						
SAN PEDRO	91,971	13,925	9,567	1,448	101,538	15,373
SAN DIEGO	13,502	2,025	8,931	1,354	22,483	3,379
TOTAL	105,473	15,950	18,548	2,802	124,021	18,752
HAWAII	-	-	397	143	397	143
GRAND TOTAL, YELLOWFIN	105,473	15,950	18,945	2,945	124,418	18,895
GRAND TOTAL, ALL SPECIES	216,411	30,588	89,532	13,977	304,943	44,565

1/ INCLUDES THE CATCH OF BIGEYE TUNA.

REVIEW OF CERTAIN MAJOR FISHERIES

U.S. MENHADEN FISHERY

Landings of menhaden during 1962 totaled a record 2.3 billion pounds--44 percent of the entire U.S. production of all species. The catch increased 33 million pounds compared with 1961, the former high year.

The 1962 Gulf production was more than 1 billion pounds for the second year--exceeding the 1961 record by more than 36 million pounds.

Purse seines accounted for 98 percent of the 1962 catch. The remainder was taken by pound nets, haul seines, gill nets, fyke and hoop nets, trammel nets, floating traps, and otter trawls.

Of the total, 45 percent was landed in the Gulf of Mexico, 33 percent in the Middle Atlantic, 14 percent in the Chesapeake, 7 percent in the South Atlantic, and 1 percent in the New England area.

There is included in the Section a detailed summary of operating units engaged in the Atlantic and Gulf Coast menhaden purse seine fishery. During 1962, a total of 3,339 fishermen, 180 vessels, 353 motor boats, and 70 other boats engaged in the menhaden fishery.

SUMMARY OF MENHADEN PURSE SEINE VESSELS, BY TONNAGE GROUPS, 1962

GROSS TONNAGE	NEW ENGLAND, RHODE ISLAND	MIDDLE ATLANTIC				CHESAPEAKE		
		NEW YORK	NEW JERSEY	DELAWARE	TOTAL, EXCLUSIVE OF DUPLICATION	MARYLAND	VIRGINIA	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
30 - 39.	-	-	-	-	-	1	-	1
40 - 49.	2	-	-	-	-	-	-	-
50 - 59.	1	-	-	-	-	-	-	-
70 - 79.	2	-	-	-	-	-	-	-
100 - 109.	1	-	-	-	-	-	-	-
110 - 119.	-	-	1	-	1	-	-	1
120 - 129.	-	-	-	-	-	-	1	4
140 - 149.	-	-	-	1	1	-	4	3
150 - 159.	-	-	2	1	2	-	3	1
160 - 169.	-	-	-	1	1	-	1	-
170 - 179.	-	-	4	1	5	-	-	1
180 - 189.	-	1	2	1	4	-	3	3
190 - 199.	-	-	19	15	30	-	5	5
220 - 229.	-	4	1	-	4	-	1	1
230 - 239.	-	1	-	-	1	-	1	1
240 - 249.	-	-	-	1	1	-	2	2
260 - 269.	-	-	-	-	-	-	3	3
280 - 289.	-	-	3	-	3	-	1	1
290 - 299.	-	1	1	-	1	-	1	1
300 - 309.	-	2	-	-	2	-	-	-
310 - 319.	-	1	-	-	1	-	1	1
320 - 329.	-	-	-	-	-	-	1	1
370 - 379.	-	-	-	-	-	-	1	1
390 - 399.	-	-	-	-	-	-	1	1
TOTAL VESSELS.	6	10	33	21	57	1	29	30
TOTAL GROSS TONNAGE.	395	2,546	6,616	4,039	11,735	31	6,291	6,322

(CONTINUED ON NEXT PAGE)

REVIEW OF CERTAIN MAJOR FISHERIES

SUMMARY OF MENHADEN PURSE SEINE VESSELS, BY TONNAGE GROUPS, 1962 - Continued

GROSS TONNAGE	SOUTH ATLANTIC			GULF				GRAND TOTAL, EXCLU- SIVE OF DUPLI- CATION
	NORTH CAROLINA	FLORIDA, EAST COAST	TOTAL, EXCLU- SIVE OF DUPLI- CATION	MISSIS- SIPPI	LOUISI- IANA	TEXAS	TOTAL, EXCLU- SIVE OF DUPLI- CATION	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
30 - 39.	-	-	-	-	-	-	-	1
40 - 49.	1	-	1	-	-	-	-	3
50 - 59.	2	-	2	-	-	-	-	2
60 - 69.	2	-	2	-	-	-	-	3
70 - 79.	1	-	1	-	1	-	-	3
90 - 99.	-	-	-	-	-	-	1	1
100 - 109.	-	-	-	-	2	-	2	3
110 - 119.	1	1	2	-	1	-	1	3
120 - 129.	-	-	1	-	1	-	1	3
130 - 139.	-	-	-	-	2	1	3	3
140 - 149.	-	1	1	-	3	2	5	11
150 - 159.	-	-	1	-	-	-	-	5
160 - 169.	1	-	-	1	-	4	5	7
170 - 179.	1	-	1	1	5	-	6	11
180 - 189.	4	-	4	2	1	3	6	13
190 - 199.	12	-	12	5	7	1	11	44
210 - 219.	-	-	-	-	3	1	3	3
220 - 229.	2	-	2	2	-	-	4	9
230 - 239.	2	-	2	1	3	-	4	7
240 - 249.	3	-	3	-	1	-	1	6
250 - 259.	3	-	3	-	3	-	3	8
260 - 269.	3	-	3	1	2	-	3	3
280 - 289.	1	-	1	-	-	-	-	3
290 - 299.	1	-	1	1	-	-	1	3
300 - 309.	2	-	2	-	-	-	-	2
310 - 319.	-	-	-	-	1	-	1	2
320 - 329.	1	-	1	-	-	-	-	1
370 - 379.	-	-	-	-	-	-	-	1
390 - 399.	1	-	1	-	-	-	-	1
410 - 419.	-	-	-	-	1	-	1	1
460 - 469.	1	-	1	1	1	-	1	5
470 - 479.	2	-	2	3	3	-	5	1
480 - 489.	1	-	1	-	1	-	1	1
540 - 549.	1	-	1	-	-	-	-	1
600 - 609.	-	-	-	1	-	-	1	1
610 - 619.	-	-	-	1	-	-	1	1
640 - 649.	-	-	-	1	1	-	1	1
TOTAL VESSELS.	49	3	52	21	45	12	72	180
TOTAL GROSS TONNAGE.	11,452	383	11,835	6,673	10,738	2,029	17,239	38,328

REVIEW OF CERTAIN MAJOR FISHERIES

SUMMARY OF MENHADEN PURSE SEINE OPERATING UNITS, 1962

AREA AND STATE	VESSELS		BOATS		FISHERMEN	PURSE SEINES	
	NUMBER	GROSS TONNAGE	MOTOR	OTHER		NUMBER	LENGTH IN YARDS
NEW ENGLAND, RHODE ISLAND	6	395	7	1	47	6	1,950
MIDDLE ATLANTIC:							
NEW YORK	10	2,546	20	-	170	10	4,360
NEW JERSEY	33	6,616	66	-	561	33	12,900
DELAWARE	21	4,039	42	-	357	21	7,350
TOTAL, EXCLUSIVE OF DUPLICATION.	57	11,735	114	-	969	57	21,930
CHESAPEAKE:							
MARYLAND	1	31	-	1	9	1	375
VIRGINIA	29	6,291	58	-	464	29	10,875
TOTAL, EXCLUSIVE OF DUPLICATION.	30	6,322	58	1	473	30	11,250
SOUTH ATLANTIC:							
NORTH CAROLINA	49	11,452	98	49	955	49	19,600
FLORIDA, EAST COAST	3	383	6	3	54	3	1,200
TOTAL, EXCLUSIVE OF DUPLICATION.	52	11,835	104	52	1,009	52	20,800
GULF:							
MISSISSIPPI	21	6,673	42	-	448	21	8,800
LOUISIANA	45	10,738	90	4	905	45	18,640
TEXAS	12	2,029	24	12	240	12	5,900
TOTAL, EXCLUSIVE OF DUPLICATION.	72	17,239	144	15	1,480	72	30,925
GRAND TOTAL, EXCLUSIVE OF DUPLICATION	180	38,328	353	69	3,339	180	72,780

SUMMARY OF MENHADEN CATCH, 1962

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

AREA AND STATE	HAUL SEINES		PURSE SEINES		OTTER TRAWLS	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
NEW ENGLAND:						
MASSACHUSETTS	-	-	15,980	158	-	-
RHODE ISLAND	-	-	7,715	64	-	-
CONNECTICUT	-	-	-	-	(1)	(1)
TOTAL	-	-	23,695	222	(1)	(1)
MIDDLE ATLANTIC:						
NEW YORK	-	-	136,655	1,247	-	-
NEW JERSEY	-	-	354,024	3,667	(1)	(1)
DELAWARE	-	-	268,704	2,783	-	-
TOTAL	-	-	759,383	7,697	(1)	(1)
CHESAPEAKE:						
MARYLAND	17	(1)	2,466	41	-	-
VIRGINIA	3,879	65	290,341	3,339	-	-
TOTAL	3,896	65	292,807	3,380	-	-
SOUTH ATLANTIC:						
NORTH CAROLINA	12	(1)	122,886	1,364	-	-
FLORIDA, EAST COAST	16	(1)	33,948	313	-	-
TOTAL	28	(1)	156,834	1,677	-	-
GULF:						
FLORIDA, WEST COAST	(1)	(1)	-	-	-	-
MISSISSIPPI	-	-	263,574	2,917	-	-
LOUISIANA	-	-	689,157	7,994	-	-
TEXAS	-	-	103,874	1,137	-	-
TOTAL	(1)	(1)	1,056,605	12,048	-	-
GRAND TOTAL	3,924	65	2,289,324	25,024	(1)	(1)

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

REVIEW OF CERTAIN MAJOR FISHERIES

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SUMMARY OF MENHADEN CATCH, 1962 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

AREA AND STATE	POUND NETS		FLOATING TRAPS		FYKE AND HOOP NETS	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
NEW ENGLAND:						
MASSACHUSETTS	52	1	-	-	-	-
RHODE ISLAND	-	-	1	(1)	-	-
TOTAL	52	1	1	(1)	-	-
MIDDLE ATLANTIC:						
NEW YORK	1,601	16	-	-	-	-
NEW JERSEY	21,100	222	-	-	-	-
TOTAL	22,701	238	-	-	-	-
CHESAPEAKE:						
MARYLAND	1,805	35	-	-	-	-
VIRGINIA	28,699	469	-	-	661	11
TOTAL	30,504	504	-	-	661	11
GRAND TOTAL	53,257	743	1	(1)	661	11

AREA AND STATE	GILL NETS		TRAMMEL NETS		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
NEW ENGLAND:						
MASSACHUSETTS	-	-	-	-	16,032	159
RHODE ISLAND	-	-	-	-	7,716	64
CONNECTICUT	5	(1)	-	-	6	(1)
TOTAL	5	(1)	-	-	23,753	223
MIDDLE ATLANTIC:						
NEW YORK	-	-	-	-	138,256	1,263
NEW JERSEY	403	13	-	-	375,527	3,902
DELAWARE	-	-	-	-	268,704	2,783
TOTAL	403	13	-	-	782,487	7,948
CHESAPEAKE:						
MARYLAND	28	1	-	-	4,316	77
VIRGINIA	14	(1)	-	-	323,594	3,884
TOTAL	42	1	-	-	327,910	3,961
SOUTH ATLANTIC:						
NORTH CAROLINA	-	-	-	-	122,898	1,364
FLORIDA, EAST COAST	305	8	2	(1)	34,271	32
TOTAL	305	8	2	(1)	157,169	1,695
GULF:						
FLORIDA, WEST COAST	20	1	-	-	20	1
MISSISSIPPI	-	-	-	-	263,574	2,917
LOUISIANA	-	-	-	-	689,137	7,994
TEXAS	-	-	-	-	103,874	1,137
TOTAL	20	1	-	-	1,056,625	12,049
GRAND TOTAL	775	23	2	(1)	2,347,944	25,866

1/ LESS THAN 500 POUNDS OR \$500.

REVIEW OF CERTAIN MAJOR FISHERIES

U. S. CLAM FISHERY

The 1962 yield of the U.S. clam fishery amounted to a record 54.2 million pounds of meats, valued at \$11.8 million. This was a gain of 3.8 million pounds in volume and \$101,000 in value compared with 1961. The Middle Atlantic led all other areas in the production of clam meats with 69 percent. The New England area accounted for 12 percent and the Chesapeake, 16 percent.

Clam dredges took 41.5 million pounds (77 percent) of clam meats; tongs, 5.4 million (10 percent); and rakes, 3.2 million pounds (6 percent). The remainder of the catch was taken with hoes, forks, shovels, or gathered by hand.

In Section 13 of this Digest, under the heading "Conversion Factors," there is a table which gives the average State yield per U.S. standard bushel for the clams taken on the Atlantic and Gulf Coasts. Supplementary shellfish tables appear after the summary tables for each Atlantic and Gulf regional section.

SUMMARY OF CLAM CATCH, 1962

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

AREA AND STATE	COCKLE		HARD		OCEAN QUAHOG		RAZOR	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
NEW ENGLAND:								
MAINE	-	-	1	1	-	-	-	-
MASSACHUSETTS	-	-	1,319	741	-	-	31	14
RHODE ISLAND	-	-	2,140	943	67	7	-	-
CONNECTICUT	-	-	262	94	-	-	-	-
TOTAL	-	-	3,722	1,779	67	7	31	14
MIDDLE ATLANTIC:								
NEW YORK	-	-	4,836	2,925	-	-	15	4
NEW JERSEY	-	-	1,340	536	-	-	-	-
DELAWARE	-	-	378	146	-	-	-	-
TOTAL	-	-	6,554	3,608	-	-	15	4
CHESAPEAKE:								
MARYLAND	-	-	383	178	-	-	-	-
VIRGINIA	-	-	1,690	812	-	-	-	-
TOTAL	-	-	2,073	990	-	-	-	-
SOUTH ATLANTIC:								
NORTH CAROLINA	-	-	247	99	-	-	-	-
SOUTH CAROLINA	-	-	59	20	-	-	-	-
FLORIDA, EAST COAST	-	-	3	1	-	-	-	-
TOTAL	-	-	309	120	-	-	-	-
GULF, FLORIDA, WEST COAST	-	-	226	50	-	-	-	-
PACIFIC:								
ALASKA	1	(1)	-	-	-	-	240	79
WASHINGTON	-	-	408	173	-	-	232	93
OREGON	-	-	-	-	-	-	11	5
CALIFORNIA	-	-	2	2	-	-	-	-
TOTAL	1	(1)	410	175	-	-	483	177
HAWAII	-	-	1	2	-	-	-	-
GRAND TOTAL	1	(1)	13,295	6,724	67	7	529	195

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

REVIEW OF CERTAIN MAJOR FISHERIES

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SUMMARY OF CLAM CATCH, 1962 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

AREA AND STATE	SOFT		SURF		MIXED		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
NEW ENGLAND:								
MAINE	1,981	894	-	-	-	-	1,982	895
MASSACHUSETTS	530	368	10	2	-	-	1,890	1,125
RHODE ISLAND	5	3	-	-	-	-	2,212	953
CONNECTICUT	-	-	-	-	-	-	262	94
TOTAL	2,516	1,265	10	2	-	-	6,346	3,067
MIDDLE ATLANTIC:								
NEW YORK	93	27	840	76	-	-	5,784	3,033
NEW JERSEY	17	7	29,830	1,917	-	-	31,187	2,460
DELAWARE	-	-	99	9	-	-	477	155
TOTAL	110	34	30,769	2,002	-	-	37,448	5,648
CHESAPEAKE:								
MARYLAND	6,767	1,513	75	6	-	-	7,225	1,697
VIRGINIA	3	1	-	-	-	-	1,693	813
TOTAL	6,770	1,514	75	6	-	-	8,918	2,510
SOUTH ATLANTIC:								
NORTH CAROLINA	-	-	-	-	-	-	247	99
SOUTH CAROLINA	-	-	-	-	-	-	59	20
FLORIDA, EAST COAST	-	-	-	-	-	-	3	1
TOTAL	-	-	-	-	-	-	309	120
GULF, FLORIDA, WEST COAST	-	-	-	-	-	-	226	50
PACIFIC:								
ALASKA	-	-	-	-	-	-	241	79
WASHINGTON	-	-	-	-	-	-	640	266
OREGON	-	-	-	-	27	13	38	18
CALIFORNIA	-	-	-	-	-	-	2	2
TOTAL	-	-	-	-	27	13	921	365
HAWAII	-	-	-	-	-	-	1	2
GRAND TOTAL	9,396	2,813	30,854	2,010	27	13	54,169	11,762

1/ LESS THAN \$500.

SUMMARY OF CLAM CATCH BY GEAR, 1962

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

GEAR	COCKLE		HARD		OCEAN QUAHOG		RAZOR	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
DREDGES	-	-	3,797	1,863	67	7	-	-
TONGS	-	-	5,425	2,699	-	-	-	-
RAKES	-	-	3,063	1,697	-	-	15	4
HOES	-	-	172	118	-	-	31	14
SHOVELS	1	(1)	345	153	-	-	483	177
BY HAND	-	-	492	192	-	-	-	-
UNCLASSIFIED	-	-	1	2	-	-	-	-
TOTAL	1	(1)	13,295	6,724	67	7	529	195
GEAR	SOFT		SURF		MIXED		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
DREDGES	6,767	1,513	30,846	2,009	-	-	41,477	5,392
TONGS	-	-	-	-	-	-	5,425	2,699
RAKES	143	72	8	1	-	-	3,229	1,774
HOES	2,476	1,224	-	-	-	-	2,679	1,356
SHOVELS	-	-	-	-	27	13	856	343
BY HAND	10	4	-	-	-	-	502	196
UNCLASSIFIED	-	-	-	-	-	-	1	2
TOTAL	9,396	2,813	30,854	2,010	27	13	54,169	11,762

1/ LESS THAN \$500.

REVIEW OF CERTAIN MAJOR FISHERIES

U. S. CRAB FISHERY

The 1962 catch of crabs in the United States totaled 234.3 million pounds valued at \$18.7 million--an increase of 2.7 million pounds and \$1.4 million compared with the previous year.

The Chesapeake Bay States led in volume with 86.6 million pounds (37 percent), followed by the Pacific States, 76.4 million (33 percent). The South Atlantic States accounted for 39 million (17 percent); and the Gulf States, 26.8 million pounds (11 percent); with the remainder landed in the New England and Middle Atlantic States and in Hawaii.

Landings of blue crabs (hard and soft) totaled a record 155.2 million pounds, 2.5 million pounds over the previous year. The Alaska king crab fishery established a record with landings of 52.8 million pounds valued at \$5.3 million--a gain of 9.4 million pounds and \$1.4 million compared with 1961. In contrast to the record blue and king crab production, catches of Dungeness crabs were far below normal, and only 23.4 million pounds were taken. This was 9.3 million pounds less than in 1961 and only slightly over half the record 45.8 million pounds landed in 1948.

In Section 13, under the heading "Conversion Factors", is a table which gives the average number of crabs per pound by species for each of the Atlantic and Gulf States. Supplementary shellfish tables are shown after the summary catch tables for the Atlantic and Gulf States.

SUMMARY OF CRAB CATCH, 1962

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

AREA AND STATE	BLUE				DUNGENESS	
	HARD		SOFT AND PEELER		QUANTITY	VALUE
	QUANTITY	VALUE	QUANTITY	VALUE		
NEW ENGLAND, CONNECTICUT . . .	2	1	-	-	-	-
MIDDLE ATLANTIC:						
NEW JERSEY	1,905	140	156	31	-	-
DELAWARE	1,884	119	26	9	-	-
TOTAL	3,369	259	182	40	-	-
CHESAPEAKE:						
MARYLAND	27,661	1,770	3,892	778	-	-
VIRGINIA	53,671	2,523	1,347	429	-	-
TOTAL	81,332	4,293	5,239	1,207	-	-
SOUTH ATLANTIC:						
NORTH CAROLINA	12,221	494	96	34	-	-
SOUTH CAROLINA	6,338	293	-	-	-	-
GEORGIA	12,303	437	-	-	-	-
FLORIDA, EAST COAST	7,869	433	(1)	(1)	-	-
TOTAL	36,731	1,657	.96	34	-	-
GULF:						
FLORIDA, WEST COAST	10,356	487	(1)	(1)	-	-
ALABAMA	634	35	-	-	-	-
MISSISSIPPI	907	55	2	(1)	-	-
LOUISIANA	9,523	463	344	172	-	-
TEXAS	4,473	269	6	1	-	-
TOTAL	25,893	1,329	352	173	-	-
PACIFIC COAST:						
ALASKA	-	-	-	-	8,990	1,002
WASHINGTON	-	-	-	-	5,403	1,060
OREGON	-	-	-	-	5,748	1,127
CALIFORNIA	-	-	-	-	3,223	672
TOTAL	-	-	-	-	23,364	4,061
GRAND TOTAL	149,347	7,539	5,871	1,454	23,364	4,061

SEE FOOTNOTE AT END OF TABLE

(CONTINUED ON NEXT PAGE)

REVIEW OF CERTAIN MAJOR FISHERIES

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SUMMARY OF CRAB CATCH, 1962 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

AREA AND STATE	GREEN		KING		ROCK	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
NEW ENGLAND:						
MAINE	-	-	-	-	1,752	68
NEW HAMPSHIRE	30	1	-	-	20	1
MASSACHUSETTS	15	2	-	-	54	4
RHOEE ISLAND	18	2	-	-	160	18
TOTAL	63	5	-	-	1,986	91
MIDDLE ATLANTIC, NEW JERSEY	-	-	-	-	22	1
PACIFIC COAST:						
ALASKA	-	-	52,782	5,278	-	-
CALIFORNIA	-	-	-	-	200	17
TOTAL	-	-	52,782	5,278	200	17
GRAND TOTAL	63	5	52,782	5,278	2,208	109

AREA AND STATE	STONE		TANNER		OTHER		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
NEW ENGLAND:								
MAINE	-	-	-	-	-	-	1,752	68
NEW HAMPSHIRE	-	-	-	-	-	-	50	2
MASSACHUSETTS	-	-	-	-	-	-	69	6
RHOEE ISLAND	-	-	-	-	-	-	178	20
CONNECTICUT	-	-	-	-	-	-	2	1
TOTAL	-	-	-	-	-	-	2,051	97
MIDDLE ATLANTIC:								
NEW JERSEY	-	-	-	-	-	-	1,683	172
DELAWARE	-	-	-	-	-	-	1,910	128
TOTAL	-	-	-	-	-	-	3,593	300
CHESAPEAKE:								
MARYLAND	-	-	-	-	-	-	31,553	2,548
VIRGINIA	-	-	-	-	-	-	55,018	2,952
TOTAL	-	-	-	-	-	-	86,571	5,500
SOUTH ATLANTIC:								
NORTH CAROLINA	-	-	-	-	-	-	12,319	528
SOUTH CAROLINA	-	-	-	-	-	-	6,338	293
GEORGIA	-	-	-	-	-	-	12,303	437
FLORIDA, EAST COAST	98	41	-	-	-	-	7,967	474
TOTAL	98	41	-	-	-	-	38,927	1,732
GULF:								
FLORIDA, WEST COAST	557	196	-	-	-	-	10,913	683
ALABAMA	-	-	-	-	-	-	634	35
MISSISSIPPI	-	-	-	-	-	-	909	55
LOUISIANA	-	-	-	-	-	-	9,867	635
TEXAS	-	-	-	-	-	-	4,479	290
TOTAL	557	196	-	-	-	-	26,802	1,698
PACIFIC COAST:								
ALASKA	-	-	11	1	-	-	61,783	6,281
WASHINGTON	-	-	-	-	-	-	5,403	1,060
OREGON	-	-	-	-	-	-	5,748	1,127
CALIFORNIA	-	-	-	-	-	-	3,423	889
TOTAL	-	-	11	1	-	-	76,357	9,357
HAWAII	-	-	-	-	39	24	39	24
GRAND TOTAL	655	237	11	1	39	24	234,340	18,708

1/ LESS THAN 500 POUNDS OR \$500.

REVIEW OF CERTAIN MAJOR FISHERIES

SUMMARY OF CRAB CATCH BY GEAR, 1962

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

GEAR	BLUE				DUNGENESS	
	HARD		SOFT AND PEELER			
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
OTTER TRAWLS	8,338	277	90	31	10	3
POUND NETS	192	9	777	249	-	-
POTS	94,369	4,885	795	194	23,354	4,058
LINES, TROT WITH BAITS	30,181	1,598	193	56	-	-
DIP NETS	2,573	131	278	119	-	-
SCRAPES	176	11	3,602	743	-	-
DREDGES	13,518	628	-	-	-	-
BRUSH TRAPS	-	-	107	53	-	-
BY HAND	-	-	29	9	-	-
TOTAL	149,347	7,539	5,871	1,454	23,364	4,061

GEAR	GREEN		KING		ROCK	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
OTTER TRAWLS	-	-	-	-	22	1
POTS	63	5	52,782	5,278	2,186	108
TOTAL	63	5	52,782	5,278	2,208	109

GEAR	STDNE		TANNER		OTHER		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
OTTER TRAWLS	-	-	-	-	-	-	8,460	312
POUND NETS	-	-	-	-	-	-	969	258
POTS	655	237	11	1	3	1	174,218	14,767
LINES, TROT WITH BAITS	-	-	-	-	-	-	30,374	1,654
DIP NETS	-	-	-	-	-	-	2,851	250
LIFT NETS	-	-	-	-	32	21	32	21
SCRAPES	-	-	-	-	-	-	3,778	754
DREDGES	-	-	-	-	-	-	13,518	628
BRUSH TRAPS	-	-	-	-	-	-	107	53
BY HAND	-	-	-	-	-	-	29	9
UNCLASSIFIED	-	-	-	-	4	2	4	2
TOTAL	655	237	11	1	39	24	234,340	18,708



DUNGENESS CRAB POT

U. S. OYSTER FISHERY

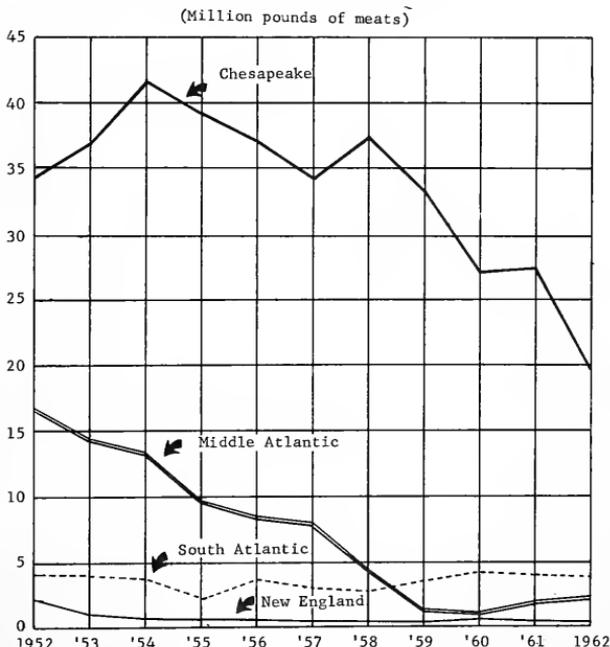
The 1962 production of the U.S. oyster fishery was 56 million pounds of meats valued at \$29 million--a decline of over 6 million pounds (10 percent) and \$4 million (12 percent) compared with the previous year. The reduction occurred in the Chesapeake States where the yield dropped 7.6 million pounds below the 27.5 million-pound receipts of 1961. Likewise, the 1962 value declined \$5.8 million from the \$21.7 million taken the previous year. Slight increases in the Middle Atlantic, Gulf, and Pacific areas were not sufficient to offset the reduced catch in the Chesapeake States.

The Chesapeake Bay area led in the production of oyster meats with a yield of 20 million pounds--36 percent of the total 1962 catch. The Gulf States were in second place with 18.8 million pounds (34 percent), followed by the Pacific area with 10.8 million pounds (19 percent). The New England, Middle Atlantic, and South Atlantic States accounted for the remainder.

Dredges were used to take 37.3 million pounds (67 percent) of the oyster harvest while tongs accounted for 15.3 million pounds (27 percent). The remainder of the catch was taken with grabs and rakes, or was gathered by hand.

In Section 13 of this Digest is a table which gives the volume of the bushel measures used for oysters in the various Atlantic and Gulf States, and the average yield per bushel. Supplementary shellfish tables appear after the summary tables for each Atlantic and Gulf regional section.

ATLANTIC COAST OYSTER PRODUCTION, 1952-62



REVIEW OF CERTAIN MAJOR FISHERIES

SUMMARY OF OYSTER CATCH, 1962

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

AREA AND STATE	DREGGES		TONGS		GRASS	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
NEW ENGLAND:						
MAINE	1	1	-	-	-	-
MASSACHUSETTS	33	25	45	56	-	-
RHODE ISLAND	-	-	9	8	-	-
CONNECTICUT	200	277	6	4	-	-
TOTAL	234	303	60	68	-	-
MIDDLE ATLANTIC:						
NEW YORK	724	1,073	4	6	-	-
NEW JERSEY	1,393	1,263	160	159	-	-
DELAWARE	80	60	-	-	-	-
TOTAL	2,197	2,396	164	165	-	-
CHESAPEAKE:						
MARYLAND	2,302	1,966	5,637	4,196	-	-
VIRGINIA	9,676	8,013	2,056	1,705	-	-
TOTAL	11,978	9,999	7,693	5,901	-	-
SOUTH ATLANTIC:						
NORTH CAROLINA	379	250	196	112	-	-
SOUTH CAROLINA	-	-	-	-	1,162	523
GEORGIA	-	-	-	-	74	26
FLORIDA, EAST COAST	-	-	13	4	-	-
TOTAL	379	250	209	116	1,236	549
GULF:						
FLORIDA, WEST COAST	13	4	4,928	1,400	-	-
ALABAMA	-	-	443	164	-	-
MISSISSIPPI	1,483	367	590	170	-	-
LOUISIANA	9,395	3,029	763	265	-	-
TEXAS	1,139	445	54	21	-	-
TOTAL	12,021	3,845	6,778	2,040	-	-
PACIFIC:						
WASHINGTON:						
PACIFIC	6,877	2,120	-	-	-	-
WESTERN	26	73	-	-	-	-
TOTAL	6,903	2,193	-	-	-	-
OREGON, PACIFIC	512	128	-	-	-	-
CALIFORNIA:						
EASTERN	-	-	14	5	-	-
PACIFIC	1,117	236	204	65	-	-
TOTAL	1,117	236	218	70	-	-
TOTAL PACIFIC STATES	10,532	2,557	218	70	-	-
GRAND TOTAL	37,341	19,350	15,322	8,360	1,236	549

AREA AND STATE	RAKES		BY HAND		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
NEW ENGLAND:						
MAINE	-	-	-	-	1	1
MASSACHUSETTS	-	-	-	-	78	81
RHODE ISLAND	-	-	-	-	9	8
CONNECTICUT	-	-	-	-	206	261
TOTAL	-	-	-	-	294	371
MIDDLE ATLANTIC:						
NEW YORK	-	-	-	-	728	1,079
NEW JERSEY	-	-	1	1	1,554	1,423
DELAWARE	-	-	-	-	60	60
TOTAL	-	-	1	1	2,362	2,562

SEE NOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

REVIEW OF CERTAIN MAJOR FISHERIES

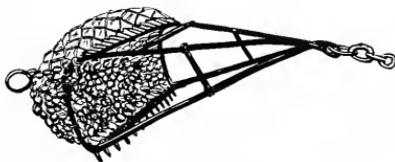
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SUMMARY OF OYSTER CATCH, 1962 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

AREA AND STATE	RAKES		BY HAND		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
CHESAPEAKE:						
MARYLAND	-	-	-	-	8,139	6,182
VIRGINIA	23	19	45	37	11,800	9,774
TOTAL	23	19	45	37	19,939	15,956
SOUTH ATLANTIC:						
NORTH CAROLINA	-	-	387	123	962	485
SOUTH CAROLINA	-	-	1,512	645	2,674	1,168
GEORGIA	-	-	73	25	147	51
FLORIDA, EAST COAST	54	16	-	-	67	20
TOTAL	54	16	1,972	793	3,850	1,724
GULF:						
FLORIDA, WEST COAST	-	-	11	3	4,952	1,407
ALABAMA	-	-	-	-	443	164
MISSISSIPPI	-	-	-	-	2,073	537
LOUISIANA	-	-	11	3	10,160	3,317
TEXAS	-	-	17	7	1,210	473
TOTAL	-	-	39	13	18,838	5,898
PACIFIC:						
WASHINGTON:						
PACIFIC	-	-	-	-	8,877	2,120
WESTERN	-	-	-	-	26	73
TOTAL	-	-	-	-	8,903	2,193
OREGON, PACIFIC	-	-	-	-	512	128
CALIFORNIA:						
EASTERN	-	-	-	-	14	5
PACIFIC	-	-	4	1	1,325	302
TOTAL	-	-	4	1	1,339	307
TOTAL PACIFIC STATES	-	-	4	1	10,754	2,628
GRAND TOTAL	77	35	2,061	845	56,037	29,139

NOTE:--THE CATCH BY HAND IN WASHINGTON AND OREGON HAS BEEN INCLUDED WITH THE CATCH BY DREDGES. IN CALIFORNIA, IT HAS BEEN INCLUDED WITH TONGS.



OYSTER DREDGE

REVIEW OF CERTAIN MAJOR FISHERIES

SUMMARY OF ATLANTIC AND GULF COAST OYSTER CATCH, 1962

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

AREA AND STATE	PUBLIC		PRIVATE	
	QUANTITY	VALUE	QUANTITY	VALUE
NEW ENGLAND:				
MAINE	1	1	-	-
MASSACHUSETTS	46	35	32	46
RHODE ISLAND	9	8	-	-
CONNECTICUT	6	4	200	277
TOTAL	62	48	232	323
MIDDLE ATLANTIC:				
NEW YDRK.	4	6	724	1,073
NEW JERSEY.	177	178	1,377	1,245
DELAWARE.	-	-	80	60
TOTAL	181	184	2,181	2,378
CHESAPEAKE:				
MARYLAND.	6,909	5,153	1,230	1,029
VIRGINIA.	1,431	1,184	10,369	8,590
TOTAL	8,340	6,337	11,599	9,619
SOUTH ATLANTIC:				
NDRTH CAROLINA.	840	419	122	66
SOUTH CAROLINA.	-	-	2,674	1,168
GEORGIA	-	-	147	51
FLORIDA, EAST COAST	30	9	37	11
TOTAL	870	428	2,980	1,296
GULF:				
FLORIDA, WEST COAST	4,770	1,355	162	52
ALABAMA	303	119	140	45
MISSISSIPPI	1,982	516	91	21
LOUISIANA	1,585	530	8,575	2,787
TEXAS	1,148	447	62	26
TOTAL	9,768	2,967	9,050	2,931
GRAND TOTAL	19,241	9,964	26,042	16,547

SUMMARY OF OYSTER CATCH BY SPECIES, 1962

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	QUANTITY	VALUE
EASTERN:		
PUBLIC.	19,241	9,964
PRIVATE 1/.	26,056	16,552
TOTAL	45,297	26,516
PACIFIC	10,714	2,550
WESTERN	26	73
GRAND TOTAL	56,037	29,139

1/ EASTERN, PRIVATE, INCLUDES 13,300 POUNDS OF OYSTERS, VALUED AT \$4,717 HARVESTED IN CALIFORNIA.

REVIEW OF CERTAIN MAJOR FISHERIES

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U. S. SHRIMP FISHERY

In 1962, U.S. shrimp landings were 191 million pounds valued at \$73 million--an increase over 1961 of 16.6 million pounds (9 percent) and \$21.5 million (42 percent). Compared with the previous year, the catch in the South Atlantic States (26 million pounds) increased 32 percent; in the Gulf area (141.7 million), 6 percent; and along the Pacific Coast (23 million), 10 percent.

The otter trawl fleet took 184.7 million pounds--97 percent of the total catch. An additional 5.7 million pounds were taken by beam trawls. Bag nets, pots and traps, push nets, brush traps, and cast nets accounted for the remainder.

In 1962, there were 15,665 fishermen employed on 3,456 vessels and 4,815 boats which operated in the U.S. shrimp otter trawl fishery. Texas led in the number of vessels (craft of 5 net tons and over) with 1,275, while Louisiana was first in boats with 2,443.

SUMMARY OF SHRIMP OTTER TRAWL VESSELS, BY TONNAGE GROUPS, 1962

GROSS TONNAGE	SOUTH ATLANTIC					TOTAL, EXCLUSIVE OF DUPLICATION
	NORTH CAROLINA	SOUTH CAROLINA	GEORGIA	FLORIDA, EAST COAST		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	
5 - 9	136	18	36	8		179
10 - 19	70	89	70	49		229
20 - 29	45	42	67	59		159
30 - 39	47	43	75	109		193
40 - 49	45	40	42	94		149
50 - 59	17	8	20	32		54
60 - 69	5	2	10	29		40
70 - 79	5	-	3	8		12
100 - 109	-	-	1	1		1
110 - 119	-	-	-	1		1
120 - 129	1	-	-	1		2
140 - 149	-	-	-	2		2
TOTAL VESSELS	371	242	324	393		1,021
TOTAL GROSS TONNAGE	8,343	6,229	9,421	14,975		28,770

GROSS TONNAGE	GULF					TOTAL, EXCLUSIVE OF DUPLICATION
	FLORIDA, WEST COAST	ALABAMA	MISSISSIPPI	LOUISIANA	TEXAS	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	
5 - 9	25	7	15	50	14	96
10 - 19	64	50	80	212	99	408
20 - 29	56	30	123	162	88	336
30 - 39	152	21	88	136	177	394
40 - 49	154	33	70	135	209	389
50 - 59	71	15	31	88	183	262
60 - 69	241	6	26	69	348	509
70 - 79	51	5	12	35	117	157
80 - 89	4	-	1	13	26	28
90 - 99	4	-	1	4	8	12
100 - 109	-	-	2	1	2	3
110 - 119	1	1	-	-	-	2
120 - 129	-	-	-	-	1	1
140 - 149	-	-	-	-	1	1
160 - 169	-	-	-	-	1	1

(CONTINUED ON NEXT PAGE)

REVIEW OF CERTAIN MAJOR FISHERIES

SUMMARY OF SHRIMP OTTER TRAWL VESSELS, BY TONNAGE GROUPS, 1962 - Continued

GROSS TONNAGE	GULF					
	FLORIDA, WEST COAST	ALABAMA	MISSISSIPPI	LOUISIANA	TEXAS	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
230 - 239	-	-	-	-	1	1
TOTAL VESSELS	823	168	451	905	1,275	2,600
TOTAL GROSS TONNAGE . . .	38,582	5,212	15,100	31,290	63,901	108,851
GROSS TONNAGE	PACIFIC					GRAND TOTAL, EXCLUSIVE OF DUPLICATION
	SOUTH ATLANTIC AND GULF	ALASKA	WASHINGTON	OREGON	TOTAL, EXCLUSIVE OF DUPLICATION	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
5 - 9	274	-	-	1	1	275
10 - 19	635	1	-	2	3	638
20 - 29	472	-	-	12	12	484
30 - 39	509	-	4	3	7	516
40 - 49	472	-	4	6	10	482
50 - 59	297	1	1	2	4	301
60 - 69	532	2	-	1	3	535
70 - 79	161	2	1	1	3	164
80 - 89	28	2	-	-	2	30
90 - 99	12	-	-	-	-	12
100 - 109	4	3	1	-	4	8
110 - 119	3	-	-	-	-	3
120 - 129	3	-	-	-	-	3
140 - 149	3	-	-	-	-	3
160 - 169	1	-	-	-	-	1
230 - 239	1	-	-	-	-	1
TOTAL VESSELS	3,407	11	11	28	49	3,456
TOTAL GROSS TONNAGE . . .	128,578	825	549	966	2,267	130,845

SUMMARY OF SHRIMP OTTER TRAWL OPERATING UNITS, 1962

AREA AND STATE	BOAT FISHERY				
	BOATS	FISHERMEN		OTTER TRAWLS	
		REGULAR	CASUAL	NUMBER	YARDS AT MOUTH
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
NEW ENGLAND, MAINE	25	27	-	25	479
SOUTH ATLANTIC:					
NORTH CAROLINA	379	585	4	379	5,568
SOUTH CAROLINA	141	242	-	141	2,276
GEORGIA	308	159	359	308	2,078
FLORIDA, EAST COAST	35	17	18	35	413
TOTAL, EXCLUSIVE OF DUPLICATION	863	1,003	381	863	10,335
GULF:					
FLORIDA, WEST COAST	111	172	16	111	1,477
ALABAMA	231	371	20	231	2,772
MISSISSIPPI	356	216	214	356	3,610
LOUISIANA	2,443	2,815	789	2,443	30,982
TEXAS	803	565	413	803	8,218
TOTAL, EXCLUSIVE OF DUPLICATION	3,927	4,108	1,452	3,927	46,752

(CONTINUED ON NEXT PAGE)

REVIEW OF CERTAIN MAJOR FISHERIES

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SUMMARY OF SHRIMP OTTER TRAWL OPERATING UNITS, 1962 - Continued

AREA AND STATE	BOAT FISHERY				
	BOATS	FISHERMEN		OTTER TRAWLS	
		REGULAR	CASUAL	NUMBER	YARDS AT MONTH
	NUMBER	NUMBER	NUMBER	NUMBER	YARDS AT MONTH
SOUTH ATLANTIC AND GULF, TOTAL, EXCLUSIVE OF DUPLICATION.	4,790	5,111	1,833	4,790	57,087
GRAND TOTAL, EXCLUSIVE OF DUPLICATION	4,815	5,138	1,833	4,815	57,566
AREA AND STATE	VESSEL FISHERY				
	VESSELS		FISHERMEN	OTTER TRAWLS	
	NUMBER	GROSS TONNAGE	NUMBER	NUMBER	YARDS AT MONTH
SOUTH ATLANTIC:					
NORTH CAROLINA.	371	8,343	821	492	9,074
SOUTH CAROLINA.	242	6,229	490	410	7,432
GEORGIA	324	9,421	659	511	7,967
FLORIDA, EAST COAST	393	14,975	854	754	10,987
TOTAL, EXCLUSIVE OF DUPLICATION	1,021	28,770	2,185	1,650	27,361
GULF:					
FLORIDA, WEST COAST	823	38,882	1,955	1,546	23,810
ALABAMA	168	5,212	426	261	4,211
MISSISSIPPI	451	15,100	1,174	700	11,231
LOUISIANA	905	31,290	2,348	1,496	24,078
TEXAS	1,275	63,901	3,406	2,434	36,937
TOTAL, EXCLUSIVE OF DUPLICATION	2,600	108,851	6,661	4,597	72,964
SOUTH ATLANTIC AND GULF, TOTAL, EXCLUSIVE OF DUPLICATION.	3,407	128,578	8,312	5,766	91,834
PACIFIC:					
ALASKA	11	825	45	11	166
WASHINGTON.	11	549	36	11	212
OREGON.	28	966	90	28	524
TOTAL, EXCLUSIVE OF DUPLICATION	49	2,267	167	49	887
GRAND TOTAL, EXCLUSIVE OF DUPLICATION	3,456	130,845	8,694	5,877	94,952
AREA AND STATE	TOTAL (BOAT AND VESSEL FISHERY)				
	BOATS AND VESSELS	FISHERMEN		OTTER TRAWLS	
	NUMBER	NUMBER	NUMBER	NUMBER	YARDS AT MONTH
NEW ENGLAND, MAINE.	25	27		25	479
SOUTH ATLANTIC:					
NORTH CAROLINA.	750	1,410	871		14,642
SOUTH CAROLINA.	383	740	551		9,708
GEORGIA	632	1,177	819		10,045
FLORIDA, EAST COAST	428	889	789		11,400
TOTAL, EXCLUSIVE OF DUPLICATION	1,884	3,569		2,513	37,696
GULF:					
FLORIDA, WEST COAST	934	2,143	1,657		25,287
ALABAMA	399	819	492		6,983
MISSISSIPPI	807	1,604	1,053		14,841
LOUISIANA	3,348	5,952	3,939		55,060
TEXAS	2,078	4,384	3,237		45,155
TOTAL, EXCLUSIVE OF DUPLICATION	6,527	12,221		8,524	119,716
SOUTH ATLANTIC AND GULF, TOTAL, EXCLUSIVE OF DUPLICATION.	8,197	15,256		10,556	148,921
PACIFIC:					
ALASKA	14	55	14		200
WASHINGTON.	11	36	11		212
OREGON.	28	90	28		524
TOTAL, EXCLUSIVE OF DUPLICATION	49	167		49	887
GRAND TOTAL, EXCLUSIVE OF DUPLICATION	8,271	15,665		10,692	152,518

NOTE:--THERE WAS NO SHRIMP OTTER TRAWL BOAT FISHERY ON THE PACIFIC COAST IN 1962.

REVIEW OF CERTAIN MAJOR FISHERIES

SUMMARY OF SHRIMP CATCH, 1962

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

AREA AND STATE	BAG NETS		BEAM TRAWLS		OTTER TRAWLS	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
NEW ENGLAND:						
MAINE	-	-	-	-	352	51
MASSACHUSETTS	-	-	-	-	36	6
TOTAL	-	-	-	-	388	57
MIDDLE ATLANTIC, NEW JERSEY	-	-	6	6	-	-
SOUTH ATLANTIC:						
NORTH CAROLINA	75	26	-	-	5,730	2,213
SOUTH CAROLINA	-	-	-	-	6,436	2,599
GEORGIA	-	-	-	-	5,605	3,878
FLORIDA, EAST COAST	-	-	-	-	5,166	2,532
TOTAL	75	26	-	-	25,937	11,222
GULF:						
FLORIDA, WEST COAST	-	-	-	-	32,146	14,556
ALABAMA	-	-	-	-	3,748	1,647
MISSISSIPPI	-	-	-	-	6,104	2,220
LOUISIANA	-	-	-	-	43,584	14,985
TEXAS	-	-	-	-	56,143	27,149
TOTAL	-	-	-	-	141,725	60,557
PACIFIC:						
ALASKA	-	-	3,884	144	12,465	561
WASHINGTON	-	-	12	4	1,367	121
OREGON	-	-	-	-	2,777	273
CALIFORNIA	-	-	1,784	197	2	1
TOTAL	-	-	5,680	345	16,611	956
GRAND TOTAL	75	26	5,686	351	184,661	72,792
AREA AND STATE	POTS AND TRAPS		PUSH NETS		CAST NETS	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
MIDDLE ATLANTIC, NEW JERSEY	-	-	1	1	-	-
SOUTH ATLANTIC:						
SOUTH CAROLINA	-	-	-	-	38	14
GEORGIA	-	-	-	-	5	2
FLORIDA, EAST COAST	-	-	-	-	23	11
TOTAL	-	-	-	-	66	27
PACIFIC:						
ALASKA	594	27	-	-	-	-
WASHINGTON	20	11	-	-	-	-
CALIFORNIA	1	(1)	-	-	-	-
TOTAL	615	38	-	-	-	-
GRAND TOTAL	615	38	1	1	66	27
AREA AND STATE	BRUSH TRAPS		UNCLASSIFIED		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
NEW ENGLAND:						
MAINE	-	-	-	-	352	51
MASSACHUSETTS	-	-	-	-	36	6
TOTAL	-	-	-	-	388	57
MIDDLE ATLANTIC, NEW JERSEY	-	-	-	-	7	7
SOUTH ATLANTIC:						
NORTH CAROLINA	-	-	-	-	5,605	2,239
SOUTH CAROLINA	-	-	-	-	6,474	2,613
GEORGIA	-	-	-	-	8,610	3,880
FLORIDA, EAST COAST	-	-	-	-	5,189	2,543
TOTAL	-	-	-	-	26,078	11,275
GULF:						
FLORIDA, WEST COAST	-	-	-	-	32,146	14,556
ALABAMA	-	-	-	-	3,748	1,647
MISSISSIPPI	-	-	-	-	6,104	2,220
LOUISIANA	1	(1)	-	-	43,585	14,985
TEXAS	-	-	-	-	56,143	27,149
TOTAL	1	(1)	-	-	141,726	60,557
PACIFIC:						
ALASKA	-	-	-	-	16,943	732
WASHINGTON	-	-	-	-	1,399	136
OREGON	-	-	-	-	2,777	273
CALIFORNIA	-	-	-	-	1,787	198
TOTAL	-	-	-	-	22,906	1,339
HAWAII	-	-	1	1	1	1
GRAND TOTAL	1	(1)	1	1	191,106	73,236

1/ LESS THAN \$500.

REVIEW OF CERTAIN MAJOR FISHERIES

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U. S. FISH OTTER TRAWL FLEET

The following tables are summaries of the U. S. fish otter trawl fleet. They contain detailed information on the operating units engaged in this fishery and a breakdown of vessels by area, State, and gross tonnage. In 1962, a total of 1,187 vessels of over 5 net tons and 139 motor boats operated in the fish otter trawl fleet. There were employed on these craft a total of 5,187 fishermen. Since two trawls were used by some of the vessels a total of 1,358 trawls were fished.

SUMMARY OF FISH OTTER TRAWL VESSELS, BY TONNAGE GROUPS, 1962

GROSS TONNAGE	NEW ENGLAND				TOTAL, EXCLUSIVE OF DUPLI- CATION
	MAINE	MASSACHUSETTS	RHODE ISLAND	CONNEC- TICUT	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
5 - 9	-	4	1	1	6
10 - 19	13	34	17	6	64
20 - 29	10	46	16	5	72
30 - 39	6	59	14	9	74
40 - 49	4	45	15	3	56
50 - 59	9	36	2	3	44
60 - 69	5	35	-	2	39
70 - 79	7	29	4	1	37
80 - 89	1	17	-	-	18
90 - 99	2	11	-	-	12
100 - 109	1	11	1	-	13
110 - 119	4	18	-	-	21
120 - 129	2	8	-	-	8
130 - 139	2	9	-	-	11
140 - 149	2	3	-	-	5
150 - 159	2	7	-	-	7
160 - 169	3	6	-	-	6
170 - 179	2	2	-	-	2
180 - 189	-	5	-	-	6
190 - 199	1	5	-	-	6
200 - 209	-	1	-	-	1
210 - 219	-	3	-	-	3
220 - 229	-	3	-	-	3
230 - 239	1	2	-	-	2
240 - 249	-	3	-	-	3
250 - 259	-	2	-	-	2
260 - 269	1	1	-	-	2
290 - 299	-	2	-	-	2
300 - 309	2	-	-	-	2
310 - 319	2	-	-	-	2
320 - 329	2	-	-	-	2
TOTAL VESSELS	84	408	70	30	534
TOTAL GROSS TONNAGE	7,512	28,904	2,261	1,024	36,335

(CONTINUED ON NEXT PAGE)

REVIEW OF CERTAIN MAJOR FISHERIES

SUMMARY OF FISH OTTER TRAWL VESSELS, BY TONNAGE GROUPS, 1962 - Continued

GROSS TONNAGE	MIDDLE ATLANTIC				CHESAPEAKE		
	NEW YORK	NEW JERSEY	DELAWARE	TOTAL, EXCLUSIVE OF DUPLICATION	MARYLAND	VIRGINIA	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
5 - 9	5	11	-	16	-	3	3
10 - 19	42	26	2	68	11	11	22
20 - 29	41	24	1	62	4	5	9
30 - 39	22	18	1	41	3	11	13
40 - 49	7	19	-	26	2	10	12
50 - 59	6	16	-	22	1	10	10
60 - 69	6	14	-	14	1	5	6
70 - 79	7	14	-	17	-	10	10
80 - 89	3	4	-	6	-	1	1
90 - 99	1	1	-	2	-	-	-
100 - 109	2	2	-	4	-	1	1
110 - 119	2	3	-	4	-	4	4
120 - 129	2	1	-	3	-	2	2
130 - 139	1	-	-	1	-	2	2
140 - 149	1	2	-	3	-	2	2
150 - 159	1	-	-	1	-	-	-
170 - 179	1	-	-	1	-	-	-
180 - 189	1	-	-	1	-	-	-
190 - 199	1	-	-	1	-	1	1
TOTAL VESSELS	152	155	4	293	22	78	98
TOTAL GROSS TONNAGE	5,941	6,710	91	11,729	579	4,369	4,859

GROSS TONNAGE	SOUTH ATLANTIC			GULF		
	NORTH CAROLINA	SOUTH CAROLINA	TOTAL, EXCLUSIVE OF DUPLICATION	MISSISSIPPI	LOUISIANA	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
5 - 9	5	-	5	-	-	-
10 - 19	5	-	5	10	-	10
20 - 29	15	-	15	23	-	23
30 - 39	9	1	10	28	1	29
40 - 49	16	2	18	10	2	12
50 - 59	8	-	8	9	1	5
60 - 69	4	-	4	5	-	5
70 - 79	2	-	2	4	-	4
100 - 109	-	-	-	1	-	1
110 - 119	-	-	-	1	-	1
120 - 129	2	-	2	-	-	-
150 - 159	-	-	-	1	-	1
TOTAL VESSELS	66	3	69	92	4	96
TOTAL GROSS TONNAGE	2,588	132	2,720	3,613	178	3,791

(CONTINUED ON NEXT PAGE)

REVIEW OF CERTAIN MAJOR FISHERIES

SUMMARY OF FISH OTTER TRAWL VESSELS, BY TONNAGE GROUPS, 1962 - Continued

GROSS TONNAGE	PACIFIC					GREAT LAKES	GRAND TOTAL, EXCLUSIVE OF DUPLICATION
	ALASKA	WASHINGTON	OREGON	CALIFORNIA	TOTAL, EXCLUSIVE OF DUPLICATION	TOTAL EXCLUSIVE OF DUPLICATION	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
5 - 9	-	1	-	-	1	-	30
10 - 19	1	9	-	5	15	6	188
20 - 29	-	11	8	15	33	5	208
30 - 39	-	13	8	13	33	2	181
40 - 49	-	26	15	13	51	4	162
50 - 59	1	18	9	7	33	-	107
60 - 69	-	11	4	2	16	-	72
70 - 79	-	7	1	3	11	1	60
80 - 89	-	4	3	4	10	-	32
90 - 99	-	4	2	1	7	-	19
100 - 109	-	1	-	2	3	-	17
110 - 119	-	-	1	1	2	-	26
120 - 129	-	-	-	-	-	-	10
130 - 139	-	-	-	-	-	-	11
140 - 149	-	-	-	-	-	-	6
150 - 159	-	-	-	-	-	-	10
160 - 169	-	-	-	-	-	-	8
170 - 179	-	-	-	-	-	-	6
180 - 189	-	-	-	-	-	-	3
190 - 199	-	1	-	-	1	-	7
200 - 209	-	-	-	-	-	-	1
210 - 219	-	-	-	-	-	-	3
220 - 229	-	-	-	-	-	-	3
230 - 239	-	-	-	-	-	-	2
240 - 249	-	-	-	-	-	-	3
250 - 259	-	-	-	-	-	-	2
260 - 269	-	-	-	-	-	-	2
290 - 299	-	-	-	-	-	-	2
300 - 309	-	-	-	-	-	-	2
310 - 319	-	-	-	-	-	-	2
320 - 329	-	-	-	-	-	-	2
TOTAL VESSELS	2	106	51	66	216	18	1,187
TOTAL GROSS TONNAGE . . .	73	5,278	2,497	2,922	10,331	500	61,130



FISH OTTER TRAWL

REVIEW OF CERTAIN MAJOR FISHERIES

SUMMARY OF FISH OTTER TRAWL OPERATING UNITS, 1962

AREA AND STATE	BOAT FISHERY				
	BOATS	FISHERMEN		OTTER TRAWLS	
		REGULAR	CASUAL		
	NUMBER	NUMBER	NUMBER	NUMBER	YARDS AT MOUTH
NEW ENGLAND:					
MAINE	43	54	12	43	797
MASSACHUSETTS	13	17	6	13	186
RHODE ISLAND	10	14	5	10	157
CONNECTICUT	31	9	36	31	412
TOTAL, EXCLUSIVE OF DUPLICATION	97	94	59	97	1,552
MIDDLE ATLANTIC:					
NEW YORK	9	16	-	9	147
NEW JERSEY	8	17	-	8	132
TOTAL, EXCLUSIVE OF DUPLICATION	17	33	-	17	279
CHESAPEAKE:					
MARYLAND	1	2	-	1	22
VIRGINIA	1	2	-	1	10
TOTAL, EXCLUSIVE OF DUPLICATION	2	4	-	2	32
SOUTH ATLANTIC, NORTH CAROLINA	20	40	-	20	320
PACIFIC, CALIFORNIA	3	9	-	3	60
GRAND TOTAL, EXCLUSIVE OF DUPLICATION	139	180	59	139	2,243

AREA AND STATE	VESSEL FISHERY				
	VESSELS		FISHERMEN	OTTER TRAWLS	
	NUMBER	GROSS TONNAGE	NUMBER	NUMBER	YARDS AT MOUTH
NEW ENGLAND:					
MAINE	84	7,512	369	84	2,034
MASSACHUSETTS	408	26,904	2,499	408	10,967
RHODE ISLAND	70	2,261	224	70	1,772
CONNECTICUT	30	1,024	77	30	749
TOTAL, EXCLUSIVE OF DUPLICATION	534	36,335	2,944	534	14,023
MIDDLE ATLANTIC:					
NEW YORK	152	5,941	484	152	3,434
NEW JERSEY	155	6,710	525	155	3,939
DELAWARE	4	91	8	4	86
TOTAL, EXCLUSIVE OF DUPLICATION	293	11,729	938	293	6,963
CHESAPEAKE:					
MARYLAND	22	579	54	22	563
VIRGINIA	78	4,369	299	78	2,017
TOTAL, EXCLUSIVE OF DUPLICATION	98	4,859	348	98	2,530
SOUTH ATLANTIC, NORTH CAROLINA, SOUTH CAROLINA, FLORIDA, EAST COAST	66	2,588	177	66	1,733
	3	132	8	3	96
	1	126	5	1	30
TOTAL, EXCLUSIVE OF DUPLICATION	69	2,720	185	69	1,829
GULF:					
MISSISSIPPI	92	3,613	226	120	2,276
LOUISIANA	4	178	12	8	132
TOTAL, EXCLUSIVE OF DUPLICATION	96	3,791	238	128	2,408

(CONTINUED ON NEXT PAGE)

REVIEW OF CERTAIN MAJOR FISHERIES

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SUMMARY OF FISH OTTER TRAWL OPERATING UNITS, 1962 - Continued

AREA AND STATE	VESSEL FISHERY				
	VESSELS		FISHERMEN	OTTER TRAWLS	
	NUMBER	GROSS TONNAGE	NUMBER	NUMBER	YARDS AT MOUTH
PACIFIC:					
ALASKA	2	73	9	2	30
WASHINGTON	106	5,278	410	106	2,357
OREGON	51	2,497	186	51	1,157
CALIFORNIA	66	2,922	278	66	1,782
TOTAL, EXCLUSIVE OF DUPLICATION	216	10,331	845	216	5,129
GREAT LAKES	18	500	54	18	396
GRAND TOTAL, EXCLUSIVE OF DUPLICATION	1,167	61,130	4,948	1,219	29,660
	TOTAL (BOAT AND VESSEL FISHERY)				
AREA AND STATE	BOAT AND VESSELS	FISHERMEN	OTTER TRAWLS		
	NUMBER	NUMBER	NUMBER	YARDS AT MOUTH	
NEW ENGLAND:					
MAINE	127	455	127	2,831	
MASSACHUSETTS	421	2,522	421	11,153	
RHODE ISLAND	80	243	80	1,929	
CONNECTICUT	61	122	61	1,161	
TOTAL, EXCLUSIVE OF DUPLICATION	631	3,097	632	15,613	
MIDDLE ATLANTIC:					
NEW YORK	161	500	161	3,561	
NEW JERSEY	163	542	163	4,071	
DELAWARE	4	8	4	86	
TOTAL, EXCLUSIVE OF DUPLICATION	310	970	310	7,242	
CHESAPEAKE:					
MARYLAND	23	56	23	585	
VIRGINIA	79	301	79	2,027	
TOTAL, EXCLUSIVE OF DUPLICATION	100	352	100	2,562	
SOUTH ATLANTIC:					
NORTH CAROLINA	86	217	86	2,053	
SOUTH CAROLINA	3	8	3	96	
FLORIDA, EAST COAST	1	5	1	30	
TOTAL, EXCLUSIVE OF DUPLICATION	89	225	89	2,149	
GULF:					
MISSISSIPPI	92	226	120	2,276	
LOUISIANA	4	12	8	132	
TOTAL, EXCLUSIVE OF DUPLICATION	96	238	128	2,408	
PACIFIC:					
ALASKA	2	9	2	30	
WASHINGTON	106	410	106	2,357	
OREGON	51	186	51	1,157	
CALIFORNIA	69	287	69	1,842	
TOTAL, EXCLUSIVE OF DUPLICATION	219	854	219	5,189	
GREAT LAKES	18	54	18	396	
GRAND TOTAL, EXCLUSIVE OF DUPLICATION	1,326	5,187	1,356	31,903	

SECTION 12

HISTORICAL FISHERY STATISTICS

Statistics of the fisheries of the United States are necessary for the best use of the Nation's aquatic resources. As series of data for extended periods of time are accumulated, the information becomes increasingly more valuable in indicating trends in the supply and utilization of fishery products. The extent to which these data are used is frequently dependent upon the ready availability of needed information to researchers, management officials, and members of the fishing industry.

Periodically, there are published in "Fishery Statistics of the United States" historical data for each State on the catch of important species. The most recent publication of these data was in Statistical Digest No. 43 entitled "Fishery Statistics of the United States, 1956".

The Bureau of Commercial Fisheries has in its files and in various Bureau reports or publications of other organizations a large volume of historical data. These statistics would be of considerable use to researchers and others interested in the fisheries. Unfortunately, few know of these records. To make the series readily available to researchers and others interested in the fisheries, a section entitled "Historical Fishery Statistics" has been published, since 1951, in "Fishery Statistics of the United States". The titles of the series published, and the identifying number of the Digest in which each appears, follow:

Series	Published in Statistical Digest
Menhaden Fishery, 1873-1951	No. 30
Oyster Fishery, 1880-1952	No. 34
Pacific Sardine Fishery, 1915-53	No. 36
Atlantic Ocean Perch Fishery, 1930-54.	No. 39
Pacific Herring Fishery, 1881-1955	No. 41
United States Haddock Fishery, 1880-1956	No. 43
United States Tuna Fishery, 1911-57	No. 44
United States Atlantic Cod Fishery, 1893-1958	No. 49
Fur Seal Industry of the Pribilof Islands, 1786-1959	No. 51
Eastern Pacific Halibut Fishery, 1888-1960	No. 53
California Mackerel Fisheries, 1889-1961'.	No. 54

The 12th series of historical data containing information on the Atlantic Mackerel Fishery is included in the following pages.

HISTORICAL FISHERY STATISTICS

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ATLANTIC MACKEREL FISHERY, 1804-1962

By

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American colonists of the 1600's considered mackerel one of their most staple commodities. It was a valuable source of food at their very doorsteps free for the taking and return of the schools each spring was eagerly anticipated.

Fluctuation of catches from year to year created apprehension among the colonists and as early as 1670, laws to prevent overfishing were passed to regulate the season and methods of capture. Little was known of the curious pattern of scarcity to superabundance which, even today, presents a fascinating and elusive puzzle.

Earliest records (1626) indicate that the principal method of commercially capturing mackerel was by haul seine. This continued as the major fishing gear until 1800 when "drailing" was favored. For this method of fishing, a vessel was fitted with a number of outriggers (poles) to which lines were attached. On each line was tied a sinker and a hook which was generally baited with pork rind. The vessel had to be underway before the mackerel would bite. About 1812, it became general practice to "chum" the mackerel to the vessel by throwing chopped bait overboard. This considerably increased the efficiency of the hook and line fishery. In 1816, the sinker was attached to the shank of the hook, forming a unit called a "jig," which had the advantage of being more durable and effective.

The purse seine came into general use about 1850, and by 1870 the hook and line had largely been displaced as a commercial gear. To the present, the purse seine has continued to be the prime mackerel gear during periods of plenty. The advent of power to replace sail further increased the efficiency of the purse seiners. During recent years, mackerel have been quite scarce and seines have not been able to operate profitably. In this period of scarcity, the fishing gears which have produced most of the mackerel are the pound net and floating trap. There is also a small gill net fishery which concentrates on the spring and fall runs of fish. In recent years, this gear has not been very successful.

Among the many marine fishes, some species bear striking resemblance to others. The mackerel, however, is readily distinguished by its streamlined conformation and coloration. Iridescent greenish blue covers most of the upper body, turning to blue-black on the head, while the belly is a silver white. The body is barred with from 23 to 33 bands running down from the dorsal surface in a wavy course to the lateral line region. Brilliant as the colors are in life, they fade quickly after capture. Adult fish are between 14 and 18 inches long and weigh 1-1/4 to 2-1/2 pounds. Occasional individuals measuring 22 inches may weigh as much as 4 pounds, and in 1925, a 7-1/2 pound fish was caught.

Mackerel are moderately prolific and a female may produce more than 500,000 eggs in a season, although not more than 50,000 are spawned at one time. During an average spawning life of 4 years, this one fish may produce 2 million eggs. The eggs are released wherever the fish happens to be when they are ripe.

Spawning begins in mid-April off the American coast, in the latitude of Cape Hatteras. By May, it takes place off New Jersey and in June off southern Massachusetts. In late June and early July, spawning will occur in Nova Scotian waters and along the southern side of the Gulf of St. Lawrence. Almost the entire breadth of the continental shelf is covered, with the most productive area between the Chesapeake Bay and southern New England.

In the egg and larval stages many factors influence mortality. Adverse winds may push the waters in an unfavorable direction during the time when the eggs are floating or when the fry lack the ability to control their movements. Both eggs and larvae may thus be carried into unfavorable conditions where they cannot survive. A lack of food organisms for the larvae would reduce survival. If both conditions occurred together for several consecutive seasons, it would be disastrous, and the resulting havoc would be felt throughout the industry for several years.

HISTORICAL FISHERY STATISTICS

Besides contending with the caprices of nature, mackerel are preyed upon by many forms of sea life such as whales, porpoises, sharks, tuna, bonito, bluefish, and striped bass. Cod, squid, and other fish destroy great numbers of young fish less than 4 to 5 inches long, and sea birds devour multitudes of the smaller fish.

Growth of the mackerel is rapid. Earliest hatched fry will have grown to 2-1/2 inches in length by June; 2-1/2 to 5 inches by August, and will have reached "blink" size (6-1/2 inches) by the end of August. Young fish caught in October are called "tacks" or "spikes," and are 7-8 inches long. Most fish of the year will be 8-9 inches by very late fall. When the second summer has passed, the average fish of this year class, known as "tinkers," will be from 12 to 14 inches long. They grow gradually and reach maturity in the third year when reproduction begins.

Mackerel eat virtually all marine animals not too big to be swallowed or too small to be seen. At times they are caught packed full of the tiny crustacean *Calanus*, the "red feed" or "cayenne" so named by fishermen. Any small fish larvae and minute pelagic crustacea, such as crab larvae and copepods, are eaten. *Euphausiid* shrimps rank high on its menu; and squid, sand lance, and annelid worms have been found in the stomachs. Feeding is by two methods, depending on the food available. Smaller pelagic organisms are filtered out of the water by the rows of gill rakers. Visual selection is made of larger individual organisms.

Instead of being one vast homogeneous stock as was once supposed, the mackerel native to the American coast are actually contained in two populations, a southern and a northern. These have been distinguished by analyses of size composition records. The southern vanguard appears from offshore in early April, advancing toward Virginia, Maryland, and New Jersey, and moving slowly northward to spawn off New Jersey and Long Island. In late May, the northern contingent enters southern New England waters for a short period, mingling with the other contingent but soon moving on again, and in June or early July, spawns in the vicinity of Nova Scotia and the Gulf of St. Lawrence. Such spring movements appear to be spawning migrations and are probably triggered by water temperature, about 46°F. being critical. For many years Gloucester fishermen took advantage of the early appearance of the southern population, sailed their boats down the coast to fish off New Jersey, and remained with the schools during the northward migration.

As autumn approaches, fish that summer along the Maine coast, mostly of the southern population, work back southward toward Cape Cod and disappear, after October, off Block Island. The northern contingent returns through the Gulf of Maine in November or early December, finally vanishing off Cape Cod. Infrequent catches have been made throughout the winter by otter trawlers and New Jersey pound nets but, in general, by Christmas all mackerel have dropped from sight, probably into deep water where they winter in a more acceptable temperature. Some farfetched stories have grown around this annual disappearance such as the fish having all migrated to Europe, or buried themselves in the mud.

Fresh mackerel is considered by many to be one of the choicest foodfishes. In the early 1800's, mackerel were caught close inshore, dressed, and placed in tubs of salt water which was frequently changed to keep the fish cool. The object was to catch the mackerel and get them to market before daylight so that they could be sold in the cool of the morning. Today, the freshly caught mackerel are immediately iced and packed in boxes for shipment. Improved handling and transportation methods have considerably increased the radius of fresh fish sales.

In the year 1818, the first trip was made to catch mackerel for salting. As the market for salt mackerel increased, the fleet grew, and larger vessels were built which could operate throughout the entire range of the fishery. Within 20 years, more than 900 sailing vessels operated from New England, catching as much as 100 million pounds per year. In years of local scarcity, some vessels even sailed to Europe for their fare.

HISTORICAL FISHERY STATISTICS

About the time that power replaced sail as the method of propulsion, the market began to demand fresh and frozen mackerel in preference to the salted product. The expanding fresh mackerel market required the vessels to make shorter and more frequent trips. By 1920, most fishermen were using power-driven vessels, and the resultant quick trips frequently flooded the market and depressed prices. The canneries depended upon these low-priced fish and produced a very palatable product that found wide acceptance.

The catch of mackerel in the Gulf of Maine is subject to considerable variation from year to year. A good year may bring catches 100 times greater than a poor year. When mackerel were plentiful in the 1940's, they were usually the fifth most valuable New England marine species, surpassed in dollar value only by lobsters, haddock, cod, and ocean perch. Recent years of scarcity have forced fishermen and processors away from dependence on mackerel.

The astonishing changes in abundance from season to season are due largely to the degree of survival of the young of a year. Sustained good annual catches depend principally on a series of successful year classes. Failure of several year classes will be followed by sharp declines in the fishermen's catches. A year when most fish caught are large, with very few small fish being taken anywhere, suggests that returns in the next few years will be discouraging. On the other hand, a year in which great numbers of small fish are apparent often indicates that several years of heavy landings are in the offing.

Earliest reliable records are confined to landings in the State of Massachusetts and indicate that no great amounts were taken before 1815. In the year 1810, Massachusetts passed an inspection law requiring that barrels containing pickled fish be branded by species. Records kept by the inspection department point to the period 1825-35 as one of great abundance, averaging over 65 million pounds round weight a year. During the following 8 years, 1837-45, the annual average production was only 24 million pounds, round weight, in Massachusetts.

Canadian landings data are available from 1876 and in general undergo the same fluctuations apparent in the U.S. catch, but to a more moderate degree. During the period from 1876 to 1949, the U.S. landings were the greatest in 57 of the 74 years. The Canadian landings have been greater in each of years since 1949.

The total annual mackerel landings in the United States from 1851-85 frequently exceeded 100 million pounds. This preceded a period of scarcity that nearly ruined the industry. In 1910, the entire east coast produced only 6 million pounds, almost none coming from Massachusetts Bay or the Maine Coast. The catch started climbing in 1911 and by 1917 had reached 37 million pounds, still far short of the tremendous landings of the 1880's. Another decline set in after 1917, and the catch fell to 10 million pounds in 1921. In keeping with a see-saw pattern of unpredictability, mackerel returned to the Gulf of Maine in 1925, and the total U.S. catch amounted to 49 million pounds. Fluctuations continued until 1944, a high year (74 million pounds), after which production dropped steadily to a low 2.1 million pounds in 1962. There were no signs that the spectacular recuperative powers of the mackerel were operating to restore the species to its former abundance.



HISTORICAL FISHERY STATISTICS

ATLANTIC MACKEREL FISHERY, 1804-1962

(THOUSANDS OF POUNDS)

YEAR	CANADA	UNITED STATES	YEAR	CANADA	UNITED STATES	TOTAL
	QUANTITY	QUANTITY		QUANTITY	QUANTITY	QUANTITY
1804	(1)	3,597	1870	(1)	146,554	(1)
1805	(1)	3,924	1871	(1)	121,340	(1)
1806	(1)	3,764	1872	(1)	80,612	(1)
1807	(1)	4,258	1873	(1)	82,307	(1)
1808	(1)	3,491	1874	(1)	120,361	(1)
1809	(1)	4,039	1875	(1)	55,949	(1)
1810	(1)	5,744	1876	31,362	99,283	130,645
1811	(1)	7,963	1877	49,556	50,046	99,602
1812	(1)	2,692	1878	55,409	73,675	129,084
1813	(1)	1,719	1879	57,316	82,725	140,041
1814	(1)	614	1880	70,331	131,126	201,459
1815	(1)	7,349	1881	32,412	146,871	179,283
1816	(1)	14,173	1882	34,253	142,074	176,367
1817	(1)	17,098	1883	36,632	85,007	123,639
1818	(1)	21,210	1884	54,534	179,279	233,813
1819	(1)	45,814	1885	44,720	123,728	168,448
1820	(1)	52,920	1886	45,832	30,000	75,832
1821	(1)	50,802	1887	36,195	33,099	69,294
1822	(1)	73,354	1888	16,953	19,709	36,662
1823	(1)	66,359	1889	19,064	10,212	29,276
1824	(1)	67,703	1890	29,440	10,945	40,385
1825	(1)	116,414	1891	40,557	19,362	59,919
1826	(1)	72,644	1892	28,161	21,963	50,124
1827	(1)	87,088	1893	22,536	25,234	47,770
1828	(1)	106,605	1894	17,329	22,541	39,870
1829	(1)	103,414	1895	12,734	11,975	24,709
1830	(1)	141,161	1896	13,757	35,300	49,057
1831	(1)	175,522	1897	8,342	10,601	18,943
1832	(1)	101,800	1898	10,150	10,047	20,197
1833	(1)	102,020	1899	10,361	13,461	23,862
1834	(1)	115,725	1900	25,210	45,831	71,041
1835	(1)	89,146	1901	23,155	34,769	57,924
1836	(1)	79,815	1902	13,075	23,156	36,231
1837	(1)	63,224	1903	25,032	25,560	50,592
1838	(1)	50,678	1904	11,036	19,562	30,598
1839	(1)	33,986	1905	15,055	22,316	37,371
1840	(1)	23,107	1906	20,527	11,749	32,276
1841	(1)	25,415	1907	15,438	24,496	39,934
1842	(1)	34,571	1908	22,747	20,836	43,583
1843	(1)	29,495	1909	16,419	16,959	33,378
1844	(1)	39,531	1910	6,980	5,665	12,645
1845	(1)	92,580	1911	9,013	12,061	21,074
1846	(1)	52,149	1912	10,798	10,161	20,959
1847	(1)	115,275	1913	21,546	13,517	35,063
1848	(1)	137,347	1914	14,372	20,983	35,355
1849	(1)	95,620	1915	18,098	23,262	41,360
1850	(1)	111,007	1916	15,608	29,657	45,265
1851	(1)	150,671	1917	16,706	36,919	53,625
1852	(1)	90,664	1918	19,678	20,167	39,845
1853	(1)	61,020	1919	22,988	16,225	39,213
1854	(1)	61,939	1920	14,235	19,264	33,499
1855	(1)	96,997	1921	14,555	10,035	24,590
1856	(1)	98,076	1922	25,122	12,750	37,872
1857	(1)	77,205	1923	14,175	33,900	48,075
1858	(1)	60,225	1924	21,559	27,103	48,662
1859	(1)	45,632	1925	18,766	49,207	67,973
1860	(1)	107,656	1926	11,549	68,299	79,848
1861	(1)	89,910	1927	15,890	50,339	76,219
1862	(1)	119,380	1928	12,378	44,904	57,282
1863	(1)	140,466	1929	15,276	64,119	79,395
1864	(1)	126,961	1930	17,647	51,870	69,517
1865	(1)	121,717	1931	19,625	47,392	67,017
1866	(1)	108,204	1932	17,845	60,854	78,699
1867	(1)	95,697	1933	26,332	41,537	67,869
1868	(1)	81,716	1934	19,062	2,523,350	71,442
1869	(1)	106,252	1935	16,050	65,086	81,136

SEE FOOTNOTES ON NEXT PAGE.

(CONTINUED ON NEXT PAGE)

HISTORICAL FISHERY STATISTICS

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ATLANTIC MACKEREL FISHERY, 1804-1962 - Continued

(THOUSANDS OF POUNDS)

YEAR	CANADA	UNITED STATES	TOTAL
	QUANTITY	QUANTITY	QUANTITY
1936	22,764	2/52,496	75,260
1937	23,916	26,601	50,517
1938	28,556	43,289	71,845
1939	52,065	32,594	84,659
1940	35,735	40,631	76,366
1941	35,113	2/46,357	81,470
1942	30,308	51,074	81,382
1943	37,086	2/59,493	96,579
1944	34,273	74,185	108,458
1945	40,207	58,673	98,880
1946	29,518	2/52,081	81,599
1947	26,203	58,803	85,066
1948	28,876	51,060	76,936
1949	33,523	42,070	75,593
1950	27,230	22,094	49,324
1951	24,742	15,748	40,490
1952	21,991	18,187	40,178
1953	18,458	8,545	27,003
1954	25,512	4,017	29,529
1955	24,862	3,871	28,733
1956	21,133	4,034	25,167
1957	19,403	2,418	21,821
1958	16,094	4,574	20,668
1959	9,451	4,047	13,498
1960	13,136	3,078	16,214
1961	12,353	3,012	15,365
1962	14,825	2,076	16,911

1/ DATA NOT AVAILABLE PRIOR TO 1876.

2/ PARTLY ESTIMATED.

NOTE:--U.S. AND CANADIAN DATA FOR THE YEARS FROM 1804 TO 1928 INCLUSIVE, HAVE BEEN TAKEN FROM THE BUREAU OF FISHERIES REPORT ENTITLED "STATISTICS OF THE MACKEREL FISHERY OFF THE EAST COAST OF NORTH AMERICA, 1804-1930" BY O. E. SETTE AND A. W. H. NEEDLER. THESE DATA ARE ESTIMATES BASED ON RECORDS OF THE NEW ENGLAND AND CANADIAN MACKEREL FLEET LANDINGS.

COMPLETE SURVEYS WERE MADE BY THE BUREAU OF FISHERIES FOR THE YEARS FROM 1887 TO 1891 INCLUSIVE, 1902, 1919, AND 1924. THESE DATA WERE SUBSTITUTED FOR THE ESTIMATES FOUND IN THE REPORT.

AFTER 1928, COMPLETE INFORMATION WAS AVAILABLE ON U.S. LANDINGS FOR ALL YEARS EXCEPT 1934, 1936, 1941, 1943, AND 1946. DATA FOR THESE YEARS ARE PARTLY ESTIMATED.

CANADIAN LANDINGS AFTER 1930 WERE OBTAINED FROM "CANADIAN FISHERIES STATISTICS," DOMINION BUREAU OF STATISTICS. NEWFOUNDLAND LANDINGS ARE NOT INCLUDED.

HISTORICAL FISHERY STATISTICS

CATCH OF ATLANTIC MACKEREL BY STATISTICAL REGIONS, 1871-1962

YEAR	REGION XIX - GULF OF ST. LAWRENCE			REGION XXI - ATLANTIC COAST OF NOVA SCOTIA AND BAY OF FUNDY			REGION XXII - ENGLAND 1/		REGION XXIII - FLORE - ATLANTIC		GRAND TOTAL		
	CANADA	UNITED STATES	TOTAL	CANADA	UNITED STATES	TOTAL	UNITED STATES	QUANTITY	UNITED STATES	QUANTITY	CANADA	QUANTITY	UNITED STATES
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
1871	(2)	(2)	(2)	61,512	(2)	(2)	(2)	(2)	(2)	(1)	(1)	121,340	
1872	(2)	(2)	(2)	32,737	(2)	(2)	(2)	(2)	(2)	(1)	(1)	60,502	
1873	(2)	20,903	(2)	32,737	(2)	(2)	(2)	(2)	(2)	(1)	(1)	60,502	
1874	(2)	14,902	(2)	31,628	(2)	(2)	(2)	(2)	(2)	(1)	(1)	120,381	
1875	(2)	3,073	(2)	24,842	(2)	(2)	(2)	(2)	(2)	(1)	(1)	53,949	
1876	12,425	1,296	13,723	16,937	(2)	(2)	(2)	(2)	(2)	31,362	(1)	99,283	
1877	19,151	1,976	21,127	30,405	(2)	(2)	(2)	(2)	(2)	49,596	(1)	50,046	
1878	19,687	16,719	36,405	35,722	(2)	(2)	(2)	(2)	(2)	55,409	(1)	73,675	
1879	29,612	2,915	32,527	27,504	(2)	(2)	(2)	(2)	(2)	57,316	(1)	62,725	
1880		1,971	30,036	33,263	(2)	(2)	(2)	(2)	(2)	70,331	(1)	131,126	
1881	15,721	1,127	16,848	16,691	(2)	(2)	(2)	(2)	(2)	32,412	(1)	146,671	
1882	14,257	-	14,257	20,036	(2)	(2)	(2)	(2)	(2)	34,293	(1)	142,074	
1883	16,860	7,740	24,600	21,772	(2)	(2)	(2)	(2)	(2)	36,632	(1)	85,007	
1884	12,111	5,302	17,413	42,423	(2)	(2)	(2)	(2)	(2)	54,534	(1)	179,279	
1885	16,017	7,471	23,486	26,703	(2)	(2)	(2)	(2)	(2)	44,720	(1)	123,726	
1886	19,132	17,033	36,165	26,700	(2)	(2)	(2)	(2)	(2)	45,632	(1)	130,000	
1887	13,017	4,743	17,760	23,176	(2)	(2)	(2)	(2)	(2)	36,195	(1)	33,099	
1888	6,940	2,825	9,765	12,013	(2)	(2)	(2)	(2)	(2)	16,933	(1)	19,709	
1889	6,199	1,626	7,825	10,865	(2)	(2)	(2)	(2)	(2)	19,064	(1)	10,212	
1890	9,561	839	10,400	19,679	(2)	(2)	(2)	(2)	(2)	29,440	(1)	10,945	
1891	14,634	1,244	15,878	23,577	(2)	(2)	(2)	(2)	(2)	40,157	(1)	21,362	
1892	12,146	1,100	13,246	10,360	4,237	14,627	7,014	(2)	(2)	22,536	(1)	25,234	
1893	9,256	1,130	10,386	8,073	6,492	14,565	2,863	(2)	(2)	17,329	(1)	22,541	
1894		1,438	1,438	5,555	2,155	7,710	12,734	(2)	(2)	13,757	(1)	11,975	
1895		5,499	6,321	6,318	4,269	10,587	10,136	(2)	(2)	8,342	(1)	35,300	
1896		3,597	3,746	5,045	566	5,611	2,517	(2)	(2)	10,601	(1)	10,601	
1897		3,560	3,560	4,738	219	4,957	10,130	(2)	(2)	10,130	(1)	13,461	
1898		3,586	3,586	6,795	219	7,014	6,223	(2)	(2)	10,381	(1)	13,461	
1899		-	-	6,795	219	7,014	6,223	(2)	(2)	10,381	(1)	13,461	
1900		13	5,377	19,646	3,081	22,927	27,390	(2)	(2)	25,210	(1)	45,831	
1901		-	7,076	16,079	4,046	20,125	14,954	(2)	(2)	34,769	(1)	34,769	
1902		-	5,472	7,603	1,888	9,491	11,672	(2)	(2)	13,075	(1)	23,156	
1903		68	5,820	19,280	3,565	22,845	9,251	(2)	(2)	25,032	(1)	25,560	
1904		-	2,309	6,736	3,051	11,787	6,119	(2)	(2)	11,036	(1)	19,552	
1905		54	4,322	10,767	4,365	15,132	15,132	(2)	(2)	15,095	(1)	22,316	
1906		5,294	5,417	15,233	1,321	16,554	20,527	(2)	(2)	11,749	(1)	11,749	
1907		123	6,567	6,781	9,123	12,143	15,438	(2)	(2)	15,438	(1)	24,496	
1908		468	5,135	16,100	5,238	23,338	22,747	(2)	(2)	22,747	(1)	20,636	
1909		3,993	4,476	12,426	4,772	17,198	16,419	(2)	(2)	16,419	(1)	16,995	

(CONTINUED ON NEXT PAGE)

SEE FOOTNOTES AT END OF TABLE.

HISTORICAL FISHERY STATISTICS

CATCH OF ATLANTIC MACKEREL BY STATISTICAL REGIONS, 1871-1962 - Continued

YEAR	REGION XIX - GULF OF ST. LAWRENCE			REGION XXI - ATLANTIC COAST OF NOVA SCOTIA AND BAY OF FUNDY			REGION XXII - NEW ENGLAND		REGION XXIII - MIDDLE ATLANTIC		GRAND TOTAL	
	CANADA	UNITED STATES	TOTAL	CANADA	UNITED STATES	TOTAL	UNITED STATES	UNITED STATES	UNITED STATES	CANADA	UNITED STATES	
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	
1910.	3,681	162	4,043	3,099	666	3,765	578		(2)	6,960	5,665	
1911.	2,156	-	2,156	8,963	2,544	8,963	2,367		(2)	9,013	12,061	
1912.	3,110	20	3,130	7,669	1,471	7,669	4,489		(2)	10,198	10,161	
1913.	7,156	201	7,357	14,390	1,471	15,661	2,545		(2)	21,546	23,737	
1914.	7,163	719	7,882	7,209	1,016	8,225	5,901		(2)	14,372	20,563	
1915.	8,728	157	8,885	9,370		11,245	10,244		(2)	18,098	23,262	
1916.	10,131	-	10,131	5,477	1,956	7,433	15,726		(2)	15,608	29,657	
1917.	6,467	-	6,276	10,450	4,059	14,499	1,267		(2)	16,706	36,919	
1918.	9,407	-	9,407	10,450	3,764	16,663	7,359		(2)	19,678	20,167	
1919.	9,776	46	9,822	13,212		16,996	2,375		(2)	22,968	16,223	
1920.	9,336	-	8,336	5,899	2,136	8,035	5,511		(2)	14,235	19,264	
1921.	7,102	8	7,110	7,453	2,665	10,118	939		(1)	14,555	10,035	
1922.	10,225	167	10,392	14,897	1,614	16,511	3,106		(1)	25,122	12,750	
1923.	6,918	-	6,918	7,257	996	8,253	10,878		(1)	14,175	33,900	
1924.	11,114	-	11,114	10,445	1,004	11,449	9,203		(1)	21,559	27,103	
1925.	7,705	-	7,705	11,061	1,754	12,815	25,190		(1)	18,766	49,207	
1926.	5,127	-	5,127	6,422	2,262	8,684	34,359		(1)	11,549	69,209	
1927.	9,267	-	9,267	6,613	1,197	8,810	31,394		11,236	15,680	60,339	
1928.	5,535	-	5,535	272	7,715	7,408	24,001		7,408	44,904	44,904	
1929.	4,746	-	4,746	10,530	881	11,411	36,939		6,186	15,276	64,119	
1930.	5,360	-	5,360	12,467	145	12,612	33,395		7,216	17,647	51,670	
1931.	6,606	-	6,606	13,019	287	13,306	43,447		659	17,625	47,922	
1932.	7,516	-	7,516	10,329	768	11,097	59,320		766	17,845	60,854	
1933.	6,025	-	6,025	20,307	1	20,308	40,831		1,887	26,332	41,537	
1934.	4,982	-	4,982	14,100	-	14,100	50,473		1,887	19,082	52,360	
1935.	5,253	-	5,253	10,677	-	10,677	61,950		3,136	16,030	65,086	
1936.	4,453	-	4,453	16,581	-	16,581	18,711		3,222	22,014	23,466	
1937.	7,835	-	7,835	16,681	496	18,572	29,662		3,562	17,625	36,194	
1938.	7,455	-	7,455	21,101	356	21,457	36,990		3,943	26,556	43,269	
1939.	10,403	-	10,403	41,662	516	42,178	27,483		4,595	52,065	32,594	
1940.	12,222	-	12,222	23,513	179	23,692	35,791		4,631	35,735	40,631	
1941.	14,950	-	14,950	20,163	-	20,163	41,842		4,515	35,113	46,357	
1942.	13,850	-	13,850	16,712	-	16,712	16,671		6,403	30,308	51,074	
1943.	16,374	-	16,374	20,712	-	20,712	15,877		10,432	37,393	59,185	
1944.	17,660	-	17,660	16,593	-	16,593	63,753		6,432	34,273	74,165	
1945.	21,118	-	21,118	19,089	147	19,236	50,042		8,484	40,207	56,673	
1946.	12,741	-	12,741	16,777	42	16,819	42,648		9,391	29,518	52,061	
1947.	11,347	-	11,347	14,916	13	14,929	47,375		11,455	26,263	56,803	

(CONTINUED ON NEXT PAGE)

SEE FOOTNOTE AT END OF TABLE.

HISTORICAL FISHERY STATISTICS

CATCH OF ATLANTIC MACKEREL BY STATISTICAL REGIONS, 1871-1962 - Continued

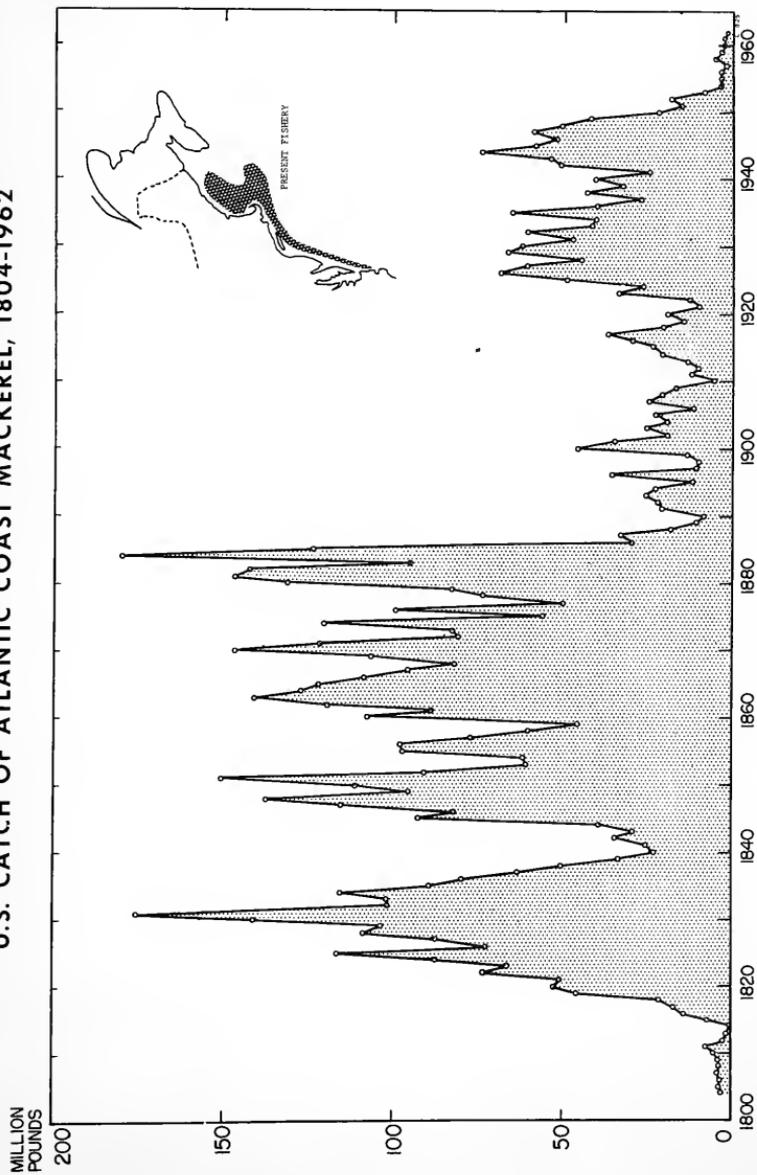
YEAR	REGION XIX - GULF OF ST. LAWRENCE			REGION XXI - ATLANTIC COAST OF NOVA SCOTIA AND BAY OF FUNDY		REGION XXII - NEW ENGLAND 1/		REGION XXIII - MIDDLE ATLANTIC		GRAND TOTAL	
	CANADA	UNITED STATES	TOTAL	CANADA	UNITED STATES	TOTAL	UNITED STATES	UNITED STATES	CANADA	UNITED STATES	
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	
1948.	14,611	-	14,611	11,265	3	11,268	40,780	10,277	25,876	51,060	
1949.	10,547	-	10,547	22,976	40	23,016	17,876	24,154	33,523	42,070	
1950.	10,164	-	10,164	17,066	19	17,085	14,426	7,649	27,230	22,094	
1951.	11,032	-	11,032	13,710	10	13,720	9,925	5,813	23,742	15,748	
1952.	3,425	-	3,425	9,135	10	9,145	12,374	5,562	21,991	18,187	
1953.	9,425	-	9,425	7,033	31	7,064	3,443	1,443	25,543	9,474	
1954.	13,853	-	13,853	11,659	17	11,676	3,055	1,945	25,512	4,017	
1955.	14,362	-	14,362	10,500	9	10,509	3,276	566	24,862	3,871	
1956.	12,319	-	12,319	8,814	-	8,814	3,761	273	21,133	4,034	
1957.	10,850	-	10,850	8,553	3	8,556	2,096	319	19,403	2,418	
1958.	9,002	-	9,002	7,992	-	7,992	3,919	555	16,094	4,574	
1959.	3,239	-	3,239	6,212	-	6,212	3,664	363	9,451	4,047	
1960.	3,044	-	3,044	10,092	-	10,092	2,238	640	13,136	3,078	
1961.	4,425	-	4,425	7,928	-	7,928	736	256	12,353	3,012	
1962.	(1)	-	(1)	(1)	-	(1)	1,820	-	14,835	2,076	

1/ INCLUDES DATA ON LANDINGS BY VESSELS ONLY AT BOSTON AND GLOUCESTER, MASS., FOR THE YEARS FROM 1893 TO 1914 INCLUSIVE, AND AT BOSTON AND GLOUCESTER, MASS., AND AT PORTS, MAINE, FOR THE YEARS FROM 1915 TO 1930 INCLUSIVE. BEGINNING WITH 1931, ALSO INCLUDES DATA (WHEN AVAILABLE) ON CATCHES BY FISHING BOATS OF LESS THAN 5 NET TONS.

2/ DATA NOT AVAILABLE.

3/ PRIOR TO 1931, THE U.S. CATCH DOES NOT INCLUDE MACKEREL TAKEN BY POUND NETS, FLOATING TRAPS, AND WEIRS; THEREFORE, FOR THESE YEARS, THE TABLE WILL NOT ADD. NOTE:--THERE WERE MINOR CATCHES FOR AREAS NOT INCLUDED IN THIS TABLE.

U.S. CATCH OF ATLANTIC COAST MACKEREL, 1804-1962



HISTORICAL FISHERY STATISTICS

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STATISTICAL SURVEY PROCEDURE

This is another in a series of annual reports containing detailed statistics, analytic textual reviews, and graphic presentations on the commercial fisheries of the United States. Included are data on the quantity and value of the commercial yield of fishery products by States, sections, and gear; and the number of persons and operating units engaged in the fisheries. In the Great Lakes and Mississippi River Sections, the catch is also tabulated by water bodies. The publication contains data on the volume and value of processed fishery products, freezings and cold storage holdings, foreign trade, and other related information. The report has been prepared and published by the Bureau of Commercial Fisheries, Fish and Wildlife Service, U. S. Department of the Interior, and is a continuation of a series inaugurated by its predecessor organizations in the Department of Interior, Commerce, Commerce and Labor, and the U. S. Fish Commission.

In order that those who use the statistical data contained in this and previous reports may be informed as to the source of the figures and methods for their collection, it has been deemed advisable to outline, in moderate detail, the survey procedure followed. This procedure has been developed over many years, and changes in methods have been made at times when such changes have appeared to work toward general improvement. While the surveys in different sections are not made in the same manner, owing to varying facilities and records, an attempt has been made to make the data collected by various methods comparable with respect to the same year as well as over a period of years. Throughout the entire plan, it has been the intention to coordinate State and federal fishery statistical work so that there will be as little duplication of effort as possible.

SECTIONAL SURVEYS

Statistical surveys of the fisheries and fishery industries of the various sections of the United States occupy by far the greatest part of the time of the personnel of the Branch of Statistics. At frequent intervals, field representatives visit the individual fishing localities of the various States to collect statistics on the volume and value of the catch of fish and shellfish, employ-

ment in the fisheries, quantity of fishing gear, number and classification of fishing craft, and the volume and value of processed fishery products. The various phases of these surveys are discussed in detail in the sections following.

H i s t o r y -- The first comprehensive statistical study of the fisheries and fishery industries of the United States was made for the year 1880 by George Brown Goode, Assistant Director of the U. S. National Museum, and associates, with the cooperation of the Commissioner of Fisheries and the Superintendent of the Tenth Census. Data for specific fisheries, or restricted sections for years prior to 1880, also were collected in the early survey and recorded in Mr. Goode's reports. The survey for 1880, however, did not include the Mississippi River and its tributaries. Periodic general surveys of a limited number of States or limited areas of the United States were made for the years from 1880 to 1907 and from 1909 to 1928. The first complete statistical canvass of the entire United States was made for 1908 by the Bureau of the Census. The next general survey of the entire United States was not made until 1931, although complete data for all sections, excluding the Mississippi River and its tributaries, were collected for 1929 and 1930. Complete data on the catch and operating units for these same sections were also collected for 1932. In the latter survey, however, lack of sufficient funds prohibited collection of data on the wholesale and manufacturing operations except those data collected as a part of the canned fishery products and byproducts survey. Various sections were surveyed during the years from 1933 to 1949, inclusive. A complete survey of all sections of the country was made for 1950. Since 1951, all of the coastal areas have been canvassed annually, and catch records have been obtained for the Lakes section. Complete operating unit and catch data have been obtained for all areas since 1954, except that only a partial survey of the Mississippi River and its tributaries was made for 1961. Data on the wholesale and manufacturing industries were collected in all of the surveys from 1933 to 1940, inclusive. In the years from 1941 to 1949, inclusive, and in 1951, lack of experienced personnel and budgetary limitations precluded the collection of data on wholesale and manufacturing firms except for those data collected as part of the canned fishery products, industrial products, and packaged fish surveys.

STATISTICAL SURVEY PROCEDURE

The chart on page 431 indicates the years for which surveys have been made in the various sections. Figures for recent years are available from the Bureau in bulletin form, but data for the earlier years are available only in the Fish Commission and Bureau of Fisheries printed reports. These reports are on file in the Department of the Interior library and in many public libraries.

Since the surveys of the fisheries have varied in completeness, three legends have been used for the years shown in the chart to indicate whether complete, partial, or no surveys were conducted in the individual regions. The designation "complete survey" has been used to indicate that basic operating unit and catch data were obtained and that complete information was collected on employment in wholesale and manufacturing establishments and on the production of manufactured fishery products. The legend "partial survey" usually indicates that operating unit and catch statistics were collected, but that no information was obtained on employment in wholesale and manufacturing establishments and that only partial data were obtained on the production of manufactured fishery products. In some instances the designation "partial survey" is used for regions in which only catch statistics were collected. The legend "no survey" indicates that a general canvass was not conducted to obtain operating unit, catch, employment in wholesale and manufacturing plants, and complete manufactured products data. Although the chart indicates that in certain regions no surveys were conducted, some information may be available on the landings at certain important ports. Likewise, information on the catch of certain species, such as menhaden, may be available as a result of data collected in connection with the annual canned fish and byproducts survey. Data on the annual production of canned fishery products and byproducts have been collected for all regions since 1921, while information has been obtained on the production of packaged fish for 1926 and annually since 1928.

A bibliography listing the various surveys made since 1880 and the publications in which the results were published appeared in Statistical Digest No. 43, "Fishery Statistics of the United States, 1956." A list of the statistical bulletins in the Current Fishery Statistics series published during 1962 may be found in Section 16 of this Digest.

Field Personnel--The statistics contained in this volume have been collected by a group of trained fishery reporting specialists of the Bureau.

Period Covered--These specialists are assigned to field stations, generally in the principal port within their field, and travel from that station in conducting their various surveys. Most of the reporting agents collect statistics on landings for the current year, and assemble final operating unit, catch, and processed products data for the previous year. It is usually 3 to 10 months after the end of the calendar year for which they are collecting data before the final figures for the digest are available. The data are tabulated and prepared for publication before the end of the year. The figures are collected and published on a calendar year basis. Prior to 1930, statistics on the catch of oysters in the Atlantic and Gulf States were collected for the oyster season; that is, from September to April, inclusive. Since 1930, they have been collected on a calendar year basis.

Scope--The coastal statistical surveys include canvasses of the commercial fisheries of the oceans, bays, and coastal rivers as far inland as commercial fishing is important. This usually coincides with the range of commercial fishing for anadromous species. Statistics on the fisheries of the Mississippi River include those of the Mississippi River proper as well as all of its tributaries wherein commercial fishing for either fish, crustaceans, or mollusks is carried on. Statistics on the fisheries of the Great Lakes cover canvasses of the fisheries in the lakes proper, adjacent bays, the International Lakes of northern Minnesota, and rivers which sustain a commercial fishery having outlets into these waters. Statistics on the fisheries of Florida include the commercial fisheries in Lake Okeechobee and other inland lakes. Surveys for statistics of the wholesale and processing fishery industries cover plants located in the coastal, river, and lake areas adjacent to the waters mentioned above.

Methods of Collection--There are several methods used in the collection of fishery statistics, each of which has been carefully

SURVEYS OF THE FISHERIES OF THE UNITED STATES

AREA:	1880	'81	'82	'83	'84	'85	'86	'87	'88	'89	'90	'91	'92	'93	'94	'95	'96	'97	'98	'99	1900	'01	'02
NEW ENGLAND	Complete							Partial															
MIDDLE ATLANTIC																							
CHESAPEAKE	Complete																						
SOUTH ATLANTIC																							
GULF	Complete																						
ALASKA																							
WASH., ORE., CALIF.	Complete																						
GREAT LAKES																							
MISSISSIPPI RIVER																							

AREA:	1903	'04	'05	'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16	'17	'18	'19	'20	'21	'22	'23	'24	'25
NEW ENGLAND																							
MIDDLE ATLANTIC						Complete																	
CHESAPEAKE																							
SOUTH ATLANTIC																							
GULF																							
ALASKA	Complete																						
WASH., ORE., CALIF.																							
GREAT LAKES																							
MISSISSIPPI RIVER						Complete																	

AREA:	1926	'27	'28	'29	'30	'31	'32	'33	'34	'35	'36	'37	'38	'39	'40	'41	'42	'43	'44	'45	'46	'47	'48
NEW ENGLAND																							
MIDDLE ATLANTIC	Complete																						
CHESAPEAKE																							
SOUTH ATLANTIC																							
GULF																							
ALASKA	Complete																						
WASH., ORE., CALIF.																							
GREAT LAKES																							
MISSISSIPPI RIVER																							
HAWAII																							

AREA:	1949	'50	'51	'52	'53	'54	'55	'56	'57	'58	'59	'60	'61	'62									
NEW ENGLAND	Complete																						
MIDDLE ATLANTIC																							
CHESAPEAKE																							
SOUTH ATLANTIC																							
GULF																							
ALASKA	Complete																						
WASH., ORE., CALIF.																							
GREAT LAKES																							
MISSISSIPPI RIVER																							
HAWAII																							

COMPLETE SURVEY
 PARTIAL SURVEY
 NO SURVEY

STATISTICAL SURVEY PROCEDURE

studied to obtain the best results with available personnel and funds. In the preparation of operating unit data, the field personnel are supplied with a deck of prepunched vessel cards obtained from the Bureau of Customs. These cards indicate the name, official number, rig code, gross tonnage, length, and year built. Field personnel enter the number of crewmen, and number and type of gear used by the vessel. These data are obtained by interview. Data on the craft of less than 5 net tons are obtained from State conservation agencies and by contact with firms purchasing fish or shellfish from fishermen. The data thus obtained are machine processed to ensure accuracy.

Data on over 96 percent of the catch are available from summaries of monthly landings bulletins and other current records assembled by the Bureau or the various States. If complete catch data are not available from central sources, wholesale dealers and manufacturers of fishery products are visited, and data are obtained from them on their purchases of fish and shellfish. It is impossible for the few Bureau representatives available for this work to interview each fisherman in a given locality. However, the more important areas and a sufficient number of areas of lesser importance are visited to obtain reliable information on production, the number of fishing craft engaged, the quantity of gear operated, catch by gear and waters, and the number of persons employed as fishermen.

The Bureau's role with regard to fishery statistics is principally that of coordinating the collection of information, assembling, analyzing, publishing, and disseminating fishery data. The collection of basic operating unit and catch statistics is primarily a State function. The State fishery agencies in a number of States have developed relatively complete statistical systems which greatly facilitate the Bureau's surveys in these States. In such instances, the Bureau conducts only such surveys as may be necessary to make the data comparable with those of other States.

The Bureau obtains from the records of the State fishery agencies most of the catch statistics for the fisheries of the Great Lakes, the northern Mississippi River area, and the International Lakes of northern Minnesota. To obtain data on the number of fishermen, boats, vessels, and gear, the Bureau conducts such personal surveys among the fishermen as may be necessary

to supplement the State records.

Bureau statistical personnel are stationed at Seattle, Wash. and San Pedro, Calif. for the purpose of surveying the fisheries of Washington, Oregon, and California. They obtain from the records of the State fishery departments figures on the volume of the catch and operating units. The value of the catch is derived from State and dealers' records. In Washington and Oregon, data for operating units in the offshore fisheries are obtained from the records of various fishery organizations as well as from records of the State fishery agencies. Statistics of the wholesale fishery industry for this section are obtained largely by personal interviews.

In many States, the Bureau and the fishery agency of the respective States cooperate in the collection and publication of current monthly and annual data on the catch. These data form the basis of the annual catch figures published in this report for the following States: Maine, Massachusetts, Rhode Island, New York, New Jersey, Maryland, Virginia, North Carolina, South Carolina, Georgia, Florida, Alabama, Mississippi, Louisiana, Texas, California, Ohio, Michigan, and Wisconsin.

In the administration of the Alaska fisheries, the State requires that copies of all receipts for fish and shellfish purchases from fishermen be furnished to the Alaska Department of Fish and Game. The data on these tickets are compiled and made available to the Bureau. The summary data, by districts, are reproduced in this report.

Statistics on the volume of the catch of fish in the Great Lakes States usually are shown in weights as landed, which may be in the round or drawn condition. Statistics on the volume of the catch of fish taken in the remainder of the United States are usually shown in round weight.

The figures in the tables for shellfish represent the weight of the meats in the cases of univalve and bivalve mollusks, and the round weight of crustaceans and such cephalopods as squid and octopus.

Shore and Vessel Fisheries--In general, statistics of the shore fisheries, as collected by the Bureau's representatives, include

data on the number of casual and regular fishermen; number of motor and other fishing boats (craft of less than 5 net tons capacity are called "boats"); type and quantity of gear used; and the volume, value, and method of capture of each species for each locality or group of localities. This method is not followed in some sections where the availability of data collected by the State fishery agencies obviates the necessity of detailed locality surveys.

Statistics of the vessel fisheries include data on the number in the crew; rig of vessels; gross tonnage; kind and quantity of gear used; and volume, value, and method of capture of each species. Craft having a capacity of 5 net tons or over are called "vessels." As in the shore fisheries, the availability of figures collected by State fishery agencies may eliminate the necessity of Bureau agents collecting these data for individual vessels. Information on the year vessels were built was assembled for 1961.

Statistics on the quantity of gear operated indicate the maximum number of units fished at any one time during the year. Gear carried in reserve for replacement is not reported.

All persons engaged in commercial fishing operations are included as fishermen. In most areas, fishermen not on vessels have been divided into "regular" and "casual". Regular fishermen are defined as those who receive more than one-half their annual income from fishing, whereas casual fishermen are those who receive less than one-half their annual compensation from fishing. It has not been possible to separate regular from casual fishermen on the Pacific Coast.

Since 1942, the catch of fish and shellfish has been credited to the port at which it was landed. Prior to the survey for that year, it was the practice of the Bureau to credit the entire catch of a vessel to the principal port at which fish or shellfish were unloaded, regardless of the actual point of landing. This policy was discontinued since it quite often resulted in inconsistencies by crediting catches of some species to areas far removed from localities in which they are commonly taken. An outstanding example of this is the southern trawl fishery conducted off the New Jersey, Maryland, Virginia, and North Carolina coasts. Some fishing vessels from New England operate in this fishery for 6 to 10 weeks during the winter season. Prior to the survey for 1942, the catch of these vessels, consisting principally of fish common to Middle Atlantic waters,

was credited to Massachusetts. Under the present system, this catch is credited to the Middle Atlantic ports where it is landed.

Since 1949 on the Pacific Coast and 1951 for the remainder of the country, craft, fishermen, and gear have been reported for each State in which they fished. A total exclusive of duplication is shown for each section and for the United States as a whole. Prior to the surveys for 1949, each craft on the Pacific Coast was credited to its home port unless it did not fish from that port during the year. In that case, it was credited to the locality where it landed the greatest portion of its catch. Prior to the survey for 1951, each craft on the Atlantic and Gulf Coasts and interior waters was credited to the port where it landed the greatest portion of its catch during the year. This system was changed to provide more accurate data on the total number of craft operating in a given State. With the increased mobility of the fishing fleet in recent years, the number of vessels fishing in more than one State has increased greatly.

Beginning with data for 1951, the reporting of units of gear was standardized so that nets or lines made up of small units for ease in handling, but fastened together in fishing, were counted as a single unit rather than as a number of smaller units. Prior to 1951, the small units were sometimes counted as individual pieces of gear even though they were combined for fishing. This rule does not apply to halibut longlines or setlines on the Pacific Coast. In this fishery, each skate of gear is counted as one line, even though fastened together in fishing, because the International Pacific Halibut Commission uses a skate of gear as a unit in its studies of fishing intensity.

Beginning with 1962, only summary data have been shown on the number of fishing gear operated in the Great Lakes and the International Lakes of northern Minnesota. These data appear in the General Review section of the Digest in the table "Summary of Operating Units." In detailed operating unit tables for these lakes, the number and size of gear have been replaced by information on the fishing effort expended in the operation of each gear.

Publication of Data--Statistics on employment in the fisheries, craft and gear engaged, quantity and value of catch, and certain data on industries related to the fisheries are summarized according to geographic divisions and published in bulletin form as soon as possible after the completion of each survey. Later, the figures, in more detail, are included in the

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annual statistical report of the Bureau entitled "Fishery Statistics of the United States."

Data on the operating units (fishermen, fishing craft, and gear) and catch by counties for the Atlantic and Gulf States have been included in these annual statistical reports for the years from 1928 to 1938 except for 1932. These data have also been published in the digests for the years 1945, 1950, 1955, and 1960. County data were collected for the State in which surveys were conducted during the years since 1938, except for Maryland. Between 1942 and 1959, only operating unit data by counties have been obtained for Maryland. Complete data were obtained for 1960. County data assembled for the years since 1938, which were not published in the Digest, are on file in the Washington office of the Bureau.

LOCAL AND SPECIAL SURVEYS

Landings at Certain Massachusetts Ports -- Detailed statistics are collected on the landings of aquatic products by individual fishing craft at Boston, Gloucester, New Bedford, Plymouth, Provincetown, and other Cape Cod ports. Bureau representatives are stationed at the principal ports. They obtain figures on the quantity and value of fish landed daily by fishing craft, the dates of departure and arrival of the craft, the gear used in their capture, the grounds from which the fish were taken, and other related information. The Bureau's Division of Biological Research and Branch of Market News cooperate in the collection of these data.

Statistics on landings at the above ports are released monthly and annually in bulletin form, and summary data are published in the annual statistical digest. Products of American fisheries received duty free at Boston and Gloucester from the treaty coasts of Newfoundland, Magdalen Islands, and Labrador have not been included in the landings at these ports since 1938. Data on the landings at Boston and Gloucester have been collected annually since 1893. Information on landings at New Bedford has been collected annually since 1938; and at Plymouth, Provincetown, and other Cape Cod ports, since 1945.

Shad and Alewife Fisheries -- Owing to the importance of the Hudson and Potomac

Rivers in the production of shad, surveys for statistics on the catch, value of the catch, and operating units are made annually. On the Potomac River, similar statistics are also obtained for the alewife fishery. Much of the data required for these surveys is available from the States fishery agencies.

Annual data on the shad and alewife fisheries are not published separately in bulletin form. However, a summary is published in the annual statistical digest.

Statistics on the Hudson River shad fishery are available for 1896, 1897, 1898, 1901, 1904, 1910, and continuously since 1915. Data for the Potomac River shad fishery are available for 1896, 1901, 1904, 1909, 1915, from 1919 to 1942, inclusive, and continuously since 1944. Statistics on the Potomac River alewife fishery are available for 1896, 1909, 1915, from 1919 to 1942, inclusive, and continuously since 1944.

Pacific Halibut Fishery -- Statistics on the Pacific halibut fishery are obtained primarily from the International Pacific Halibut Commission. Beginning with data for 1956, the fleet classification of halibut craft was revised and vessels were credited in operating unit tables to each district in which they landed fish; the only exception being that U.S. vessels landing at Prince Rupert, British Columbia, are credited to Southeastern Alaska. Duplication of halibut craft which operated in more than one district has been eliminated in regional and national totals. The catch by the halibut fleet is credited to the port of landing except that fish landed by U.S. halibut craft in British Columbia is credited to Southeastern Alaska. Halibut statistics are also included in the monthly and annual summaries published by the Seattle Fishery Market News Office. Statistics on the landings of halibut at Pacific Coast ports have been collected since 1925.

South Atlantic and Gulf of Mexico Shrimp Fishery -- Detailed statistics on the quantity and value of shrimp, by variety and size, landed at South Atlantic and Gulf ports, have been collected for the Gulf area since 1956 and the South Atlantic since 1957. Since 1956, Bureau personnel have also obtained daily information on the number of fishing trips, area and

depth fished, and time spent in fishing by craft landing at U.S. ports in the Gulf of Mexico. The Branch of Market News, the Bureau's Branch of Marine Fisheries of the Division of Biological Research, and various fishery agencies of the southern States cooperate in the collection of these data.

Detailed monthly and annual summaries of the statistics on shrimp catch and landings are published in bulletin form and are summarized in the annual statistical digests.

Hawaiian Fisheries-- The common and scientific names of the species of fish and shellfish landed in Hawaii are not included in Section 14 of this report.

Historical Fishery Statistics-- The Bureau of Commercial Fisheries has in its files and in various Bureau reports or publications of other organizations a large volume of historical data on fisheries. Beginning with the 1951 Digest, a section entitled "Historical Fishery Statistics," which includes complete historical information on selected species, has been carried. There is published each year a listing of the titles of the series of data appearing in earlier editions.

Review of Certain Major Fisheries-- Beginning with 1942, tabulations containing complete data on the catch of certain major species have been included in a section of the Digest entitled "Review of Certain Major Fisheries." Although the data are included in the detailed catch tables of the various States, they are consolidated in this section to provide a single source of data for cod, haddock, halibut, Pacific mackerel, jack mackerel, menhaden, Atlantic ocean perch, Pacific sardines, salmon, tuna, oysters, clams, crabs, and shrimp. Data on operating units in the following fisheries have likewise been consolidated in this section: halibut, salmon troll line, Pacific Coast tuna, menhaden purse seine, fish and shrimp otter trawl.

Canned Fishery Products and Industrial Products-- Since 1921, the Bureau has made annual sectional surveys for statistics on canned and industrial fishery products. These surveys are started the first week in January of each year for statistics on the production in the preceding year. So far as possible, the Bureau obtains by mail statistics on the annual production of each domestic canned and industrial fishery products plant. If it is impossible to obtain the information by mail, the report is secured by a Bureau representative. Included in the data obtained are statistics on the yield and value of the canned products by type of commodity, can size, and area of production. Data on industrial products are obtained by commodity and area of production. The value shown for canned and industrial products is the gross amount received by the packer at the production point. No deductions are made for commissions or expenses.

Annual statistical bulletins are issued on this trade, and detailed data are published in the statistical Digest. Prior to 1921, canned and industrial products data were not collected for the entire country. However, data on the production of these products were usually obtained for the areas in which general canvass surveys were conducted.

Fish Meal and Oil-- Data are collected monthly on the domestic production of fish meal, body oil, fish solubles, and homogenized condensed fish. This information is released monthly and annually in the Bureau's Current Fishery Statistics series of bulletins.

Packaged Fish Trade-- Statistics on the annual production and value of fish packaged in the United States, excluding the States of Alaska and Hawaii, are obtained in conjunction with the canned and industrial fishery products survey. These data are released annually in bulletin form and in the annual statistical digest. Statistics on the production of packaged fish are available for 1926 and annually since 1928, except that no data were collected in California for the years 1941 to 1946, inclusive.

Fish Sticks and Portions-- Quarterly information is collected and published on

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the production and value of cooked and raw fish sticks and breaded, cooked, and raw fish portions, and unbreaded fish portions. The data are released in the Bureau's Current Fishery Statistics series of bulletins.

Cold-Storage Holdings of Fish-- Information on the monthly freezings and holdings of fishery products is obtained from cold storage warehouses by mail and by Bureau employees. Data are also obtained on the holdings of certain cured fish. Bulletins showing these statistics are issued monthly and annually.

Detailed cold-storage statistics also are published in the Bureau's annual statistical digest. Information regarding cold-storage holdings of fishery products has been published since 1917, while data on the quantity of fish frozen have been released for the years from 1920 to 1925, inclusive, and continuously since 1928.

Foreign Fishery Trade-- Statistics on foreign fishery trade are obtained from compilations made by the Bureau of the Census, Department of Commerce. Statistics on all known imported or exported fishery products have been assembled and published annually since 1926 in the Bureau's statistical digest. For earlier years, figures are available in the reports of the Bureau of the Census, Bureau of Foreign and Domestic Commerce, the Bureau of Statistics, the Department of Commerce and Labor, or the Treasury Department.

PRACTICES AND TERMS

Certain practices and terms used in this report are explained below.

Operating Units-- Operating units include persons employed in the fisheries, and craft and gear engaged in the fisheries.

Vessel-- A craft having a capacity of 5 net tons or over.

Boat-- A craft having a capacity of less than 5 net tons.

Days Absent-- In computing "days absent" for vessels landing fares at certain Mas-

sachusetts ports, the day of arrival, but not the day of departure, is included; thus, a vessel leaving port on the 8th of the month and returning on the 15th of the month will be credited with 7 days absence. Prior to 1944, "days absent" included both the day of departure and the day of arrival.

Days Fished-- In computing "days fished" for fishing craft landing shrimp at Gulf of Mexico ports, the total number of hours spent in fishing effort has been divided by 24.

Fish-- The term "fish" as used in this report includes all species belonging to the class Pisces.

Shellfish, etc.-- A shellfish is an aquatic invertebrate animal having a shell, such as a mollusk or crustacean. However, in order to reduce the classifications appearing in the catch tables, all items not properly listed as "Fish" or "Whale Products" have been included under "Shellfish, etc." Accordingly, turtles, frogs, sponges, seaweed, and worms are included under this classification.

Whale Products-- Since data are not available on the poundage of whales taken, statistics appearing in catch tables on the yield of these mammals represent the weight of products produced such as meal, sperm oil, whale oil, etc. The values shown represent the amount received by the manufacturer for the products.

Incidental Catch-- The term "incidental catch" refers to the catch of certain species by a type of gear which ordinarily does not capture such species.

Percentages-- Percentages are usually shown as whole numbers. Fractions of percents are dropped if less than five-tenths, and the percentage is raised to the next higher integer if the fraction is greater than five-tenths. If the fraction is exactly five-tenths, odd integers are raised to the next even figure while even integers remain unchanged.

Converting-- Many of the figures shown in the summary tables published herewith have been converted to thousands of pounds or thousands of dollars. In making these conversions the sum of the items in a table is raised or low-

ered to the nearest thousand in accordance with standard statistical procedures. The individual items are adjusted to conform to the total thus obtained.

Confidential Data-- The statistical data collected by the Bureau are confidential, and unless specific authorization is given, are not released in a manner that would divulge private enterprise.

CONVERSION FACTORS

It is the policy of the Bureau to show detailed catch figures of all products in pounds for the sake of uniformity and for purposes of comparison. This represents little difficulty in the case of fish, since in very rare instances are fish reported in units of measure other than pounds. For shellfish, however, the units of measure may be bushels, sacks, barrels, numbers, gallons of meats, etc. So many units make standardization difficult, and when combined with the wide variation in the requirements or definitions of some of these units in the various states, the problem becomes even more complex.

All univalve and bivalve mollusks (except fresh-water mussel shells) are reported in pounds

of meats in the detailed catch tables presented in this report. In addition, there are included supplementary tables for most of the sections, which give data on the production in bushels. These supplementary tables also give the production in number of certain other shellfish, such as crabs. There also is included in the General Review section of this report a table containing data on the shell weight of univalve and bivalve mollusks taken.

Oysters-- Probably the greatest problem in the presentation of fishery statistics in uniform units of measure is in the case of oysters. Usually the production of oysters on the Atlantic and Gulf Coasts is reported to Bureau personnel in bushels. Prior to the data obtained for the year 1930, bushels were converted to pounds of meats on the basis of a uniform yield of 7 pounds of meats to the bushel. However, it was found that there was considerable variation in the yield of oysters per bushel particularly in southern states where the yield has ranged as low as half the conversion factor used prior to 1930. There follows a table which gives the measures used for oysters in the various States and the average yields per bushel. The statistical tables in this report are based on these average yields.



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MEASURES AND YIELDS OF OYSTERS

STATE	CAPACITY OF STATE BUSHEL	VARIATION FROM U.S. STANDARD BUSHEL		YIELD OF MARKET OYSTERS, 1962	
				STATE BUSHEL	U.S. STANDARD BUSHEL
				POUNDS OF MEATS	POUNDS OF MEATS
	<u>CUBIC INCHES</u>	<u>CUBIC INCHES</u>	<u>PERCENT</u>		
MAINE	2,150.4	-	-	7.50	7.50
MASSACHUSETTS	2,150.4	-	-	6.50	6.50
RHODE ISLAND	2,150.4	-	-	7.00	7.00
CONNECTICUT	2,150.4	-	-	7.70	7.70
NEW YORK	2,150.4	-	-	7.50	7.50
NEW JERSEY	2,257.3	+ 106.9	+ 5.0	8.57	8.16
DELAWARE	2,257.3	+ 106.9	+ 5.0	6.89	6.56
MARYLAND	2,600.7	+ 650.3	+ 30.2	6.13	4.71
VIRGINIA	3,003.9	+ 853.5	+ 39.7	5.85	4.19
NORTH CAROLINA	2,801.9	+ 651.5	+ 30.3	6.52	5.00
SOUTH CAROLINA	4,071.5	+ 1,921.1	+ 89.3	6.02	3.18
GEORGIA	5,343.9	+ 3,193.5	+ 148.5	7.36	2.97
FLORIDA, EAST COAST	3,214.1	+ 1,063.7	+ 49.5	5.69	3.94
FLORIDA, WEST COAST	3,214.1	+ 1,063.7	+ 49.5	5.94	3.97
ALABAMA	2,626.2	+ 675.8	+ 31.4	5.58	4.25
MISSISSIPPI	2,626.2	+ 675.8	+ 31.4	5.27	4.01
LOUISIANA	2,148.4	- 2.0	- 0.1	4.61	4.61
TEXAS	2,700.0	+ 549.6	+ 25.6	5.48	4.36

NOTE:--THE CAPACITY OF A U.S. STANDARD BUSHEL IS 2,150.4 CUBIC INCHES.

AVERAGE YIELDS OF CERTAIN MOLLUSKS, 1962

(POUNDS OF MEATS PER U.S. STANDARD BUSHEL)

STATE	CLAMS						CONCHS	MUSSELS, SEA	PERI-WINKLES AND COCKLES	SCALLOPS		
	HARD		OCEAN QUAHOG	RAZOR	SOFT	SURF				BAY	CALICO	SEA
	PUBLIC	PRIVATE										
MAINE	11.00	-	-	-	15.00	-	-	15.00	18.00	-	-	6.00
MASSACHUSETTS	11.00	-	-	16.00	13.00	11.00	15.00	10.00	-	6.29	-	6.00
RHODE ISLAND	12.00	-	10.00	-	13.00	-	15.00	10.00	-	6.00	-	6.00
CONNECTICUT	12.00	12.00	-	-	-	-	15.00	-	-	6.20	-	-
NEW YORK	12.00	12.00	-	16.00	16.00	17.00	15.00	10.00	-	6.00	-	6.00
NEW JERSEY	10.00	-	-	-	12.00	17.00	20.00	-	-	6.50	-	6.00
DELAWARE	8.00	8.00	-	-	-	17.00	-	-	-	-	-	-
MARYLAND	8.00	-	-	-	12.00	17.00	20.00	-	-	-	-	6.00
VIRGINIA	7.96	7.91	-	-	-	-	-	-	-	-	-	-
NORTH CAROLINA	8.45	-	-	-	-	-	-	-	-	6.00	-	-
SOUTH CAROLINA	8.75	-	-	-	-	-	-	-	-	-	-	-
FLORIDA, EAST COAST	8.00	-	-	-	-	-	-	-	-	-	5.00	-
FLORIDA, WEST COAST	8.48	-	-	-	-	-	14.00	-	-	5.20	3.99	-

AVERAGE NUMBER OF CRABS PER POUND, 1962

STATE	BLUE		GREEN	ROCK	STONE	HORSESHOE
	HARD	SOFT AND PEELER				
	NUMBER	NUMBER				
MAINE	-	-	-	3.00	-	-
NEW HAMPSHIRE	-	-	14.29	3.00	-	-
MASSACHUSETTS	-	-	14.29	3.00	-	-
RHODE ISLAND	-	-	14.29	3.00	-	-
CONNECTICUT	2.40	-	-	-	-	-
NEW JERSEY	2.00	3.43	-	3.00	-	0.25
DELAWARE	2.40	4.00	-	-	-	-
MARYLAND	2.40	4.00	-	-	-	-
VIRGINIA	2.99	6.00	-	-	-	-
NORTH CAROLINA	3.00	3.00	-	-	-	-
SOUTH CAROLINA	2.92	-	-	-	-	-
GEORGIA	2.00	-	-	-	-	-
FLORIDA, EAST COAST	2.00	4.00	-	-	1.00	-
FLORIDA, WEST COAST	2.07	4.02	-	-	1.00	-
ALABAMA	2.18	-	-	-	-	-
MISSISSIPPI	2.18	3.00	-	-	-	-
LOUISIANA	2.01	3.00	-	-	-	-
TEXAS	1.72	2.40	-	-	-	-

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RECOVERY OF SHRIMP PRODUCTS AND FACTORS FOR CONVERTING THEM TO HEADS-ON WEIGHT

ITEM	SOUTH ATLANTIC AND GULF CATCH		PACIFIC AND NORTH ATLANTIC CATCH	
	PERCENT RECOVERY FROM HEADS-ON WEIGHT	TO CONVERT TO HEADS-ON WEIGHT, MULTIPLY BY:	PERCENT RECOVERY FROM HEADS-ON WEIGHT	TO CONVERT TO HEADS-ON WEIGHT, MULTIPLY BY:
HEADLESS:				
BROWN (PENAEUS AZTECUS)	62,1	1,61	-	-
PINK (PENAEUS DUORARUM)	62,5	1,60	-	-
WHITE (PENAEUS SETIFERUS)	64,9	1,54	-	-
ROYAL RED (HYMENOPENAEUS ROBUSTUS)	55,6	1,80	-	-
SEA BOBS (XIPHOPENAEUS KROYERI)	65,4	1,53	-	-
OTHER (MOSTLY PANDULUS SPECIES)	-	-	57,0	1,75
ALL SPECIES (WEIGHTED AVERAGE)	62,9	1,59	57,0	1,75
PEELED FANTAIL, RAW 1/	50,0	2,00	-	-
PEELED, RAW 1/	49,0	2,04	28,0	3,57
PEELED, COOKED 1/	31,9	3,13	-	-
BREADED, RAW (INCLUDING FANTAIL) 1/	100,0	1,00	-	-
DRIED 1/	13,0	7,69	-	-
CANNED 1/	31,2	3,21	16,0	6,25

1/ AVERAGE FOR ALL SPECIES.

NOTE:--EFFECTIVE IN 1962, THE CONVERSION FACTORS LISTED ABOVE BECAME THE BRANCH OF STATISTICS' FACTORS FOR CONVERTING VARIOUS SHRIMP PRODUCTS TO HEADS-ON (ROUND) WEIGHT.

RECOVERY OF SHRIMP PRODUCTS AND FACTORS FOR CONVERTING THEM TO HEADS-ON WEIGHT, SOUTH ATLANTIC AND GULF STATES

ITEM	HEADLESS RAW	PEELED FANTAIL RAW	PEELED RAW	PEELED COOKED	BREADED RAW	CANNED	DRIED
HEADS-ON (ROUND)	62,9%	50,0%	49,0%	31,9%	100,0%	31,2%	13,0%
FACTOR	1,59	2,00	2,04	3,13	1,00	3,21	7,69
HEADLESS	100,0%	79,6%	77,9%	50,7%	159,0%	49,6%	20,7%
FACTOR	1,00	1,26	1,28	1,97	0,63	2,02	4,83
PEELED	-	-	100,0%	65,1%	204,1%	63,7%	26,5%
FACTOR	-	-	1,00	1,54	0,49	1,57	3,77

SEE NOTE BELOW FOLLOWING TABLE.

RECOVERY OF SHRIMP PRODUCTS AND FACTORS FOR CONVERTING THEM TO HEADS-ON WEIGHT, PACIFIC AND NORTH ATLANTIC STATES

ITEM	HEADLESS RAW	PEELED RAW	CANNED
HEADS-ON (ROUND)	57,0%	28,0%	16,0%
FACTOR	1,75	3,57	6,25
HEADLESS	100,0%	49,1%	28,1%
FACTOR	1,00	2,04	3,56
PEELED	-	100,0%	57,1%
FACTOR	-	1,00	1,75

NOTE:--THE QUANTITY OF PROCESSED SHRIMP MULTIPLIED BY THE FACTORS LISTED YIELDS THE HEADS-ON (ROUND) WEIGHT OF SHRIMP REQUIRED TO PRODUCE THE PROCESSED PRODUCT.

OTHER CONVERSION FACTORS

ITEM	WHEN REPORTED AS	TO CONVERT TO:	MULTIPLY BY
OYSTERS	GALLONS OF SHUCKED MEAT	POUNDS OF SHUCKED MEAT	8,75
CLAMS	"	"	8,75
SCALLOPS	"	"	8,75
OILS, FISH AND WHALE	GALLONS	POUNDS	7,75
CRAW MEAT:			
BLUE	POUNDS	LIVE WEIGHT	7,14
OUNGENESS	"	"	4,17

SECTION 14 - GLOSSARY

In order to prevent misunderstanding in the use of common names employed in the tables and discussions, the following list of common and scientific names is given for fish, shellfish, and other aquatic products taken by United States fishermen.

Common names as shown in Bureau reports	Other common names	Scientific names
FISH		
Alewives	{ Branch herring, big-eyed herring, river herring	<i>Alosa pseudoharengus</i>
Amberjack	Blueback, glut herring, shad herring	<i>Alosa aestivialis</i>
Anchovies	Jack	<i>Seriola species</i>
Angelfish .....	.....	<i>Engraulis mordax</i> (Pacific)
Anglerfish .....	.....	{ <i>Pomocanthus species</i> <i>Angelichthys species</i>
Ballyhoo.....	{ Goosefish, allmouth, headfish, monkfish, bellyfish	<i>Lophius americanus</i>
Barracuda.....	Balao.....	<i>Hemiramphus brasiliensis</i>
Bluefish.....	Tailor, skipjack	<i>Sphyræna species</i>
Blue pike.....	{ Pike perch, hard pike, blue pickerel (Canada)	<i>Pomatomus saltatrix</i>
Blue runner.....	Runner, hardtail, crevalle	<i>Stizostedion vitreum glaucum</i>
Bonito.....	.....	<i>Caranx crysos</i>
Bowfin	Fresh-water dogfish, grindle.....	{ <i>Sarda sarda</i> (Atlantic) <i>Sarda chiliensis</i> (Pacific)
Brown trout.....	.....	<i>Amia calva</i>
Buffalofish	Winter carp.....	<i>Solma trutta</i>
Burbot.....	Lawyer, ling	<i>Ictiobus species</i>
Butterfish .....	.....	<i>Lota lota</i>
Cabezone.....	Marbled sculpin	<i>Paranotus triacanthus</i>
Cabio.....	Black bonito, cobia, ling, lemonfish	<i>Scorpaenichthys marmoratus</i>
Cabrilla.....	Rock bass	<i>Rachycentron canadus</i>
Carp.....	German carp, summer carp.....	<i>Epinephelus analogus</i> (Pacific)
Catfish and bullheads .....	.....	<i>Cyprinus carpio</i>
Chubs.....	{ Longjaw, bluefin, blackfin (United States), tullibee (Canada)	{ <i>Ictalurus species</i> <i>Pylodictis olivaris</i>
Cigarfish.....	Scad.....	All <i>Leucichthys</i> except <i>artedi</i> (Great Lakes)
Cisco.....	Herring (Canada)	<i>Decapterus punctatus</i>
Cod.....	Codfish.....	<i>Leucichthys artedi</i> (Lake Erie only)
Crappie	White crappie, calico bass	{ <i>Gadus morhua</i> (Atlantic) <i>Gadus macrocephalus</i> (Pacific)
Crevalle.....	Black crappie	<i>Pomoxis annularis</i>
Croaker	Common jack, jackfish	<i>Pomoxis nigromaculatus</i>
Cunner	Crocus, hardhead	<i>Caranx hippos</i>
Cutlassfish.....	Chogset, blue perch, bergall.....	<i>Micropogon undulatus</i>
Cusk.....	Silver eel	<i>Tautoglabrus adspersus</i>
Dolly Varden trout.....	.....	<i>Trichiurus lepturus</i>
Dolphin .....	.....	<i>Brosme brosme</i>
Drum:	.....	<i>Salvelinus malma</i>
Black	Oyster cracker, oyster drum, sea drum.....	<i>Corphaena hippurus</i>
Red	Channel bass, redfish, spotted bass	<i>Pogonias cromis</i>
		<i>Sciaenops ocellata</i>

(Continued on next page)

Common names as shown in Bureau reports	Other common names	Scientific names
FISH - Continued		
Eel:		
Common .....	.....	<i>Anguilla rostrata</i>
Conger .....	.....	<i>Conger oceanicus</i>
Flounders:		
Atlantic and Gulf Coasts:		
Gray sole .....	.....	<i>Glyptocephalus cynoglossus</i>
Lemon sole .....	.....
Blackback .....	.....
Yellowtail .....	.....
Dab .....	.....	<i>Limanda ferruginea</i>
Fluke .....	.....	<i>Hippoglossoides platessoides</i>
Pacific Coast:		<i>Paralichthys species</i>
Arrowtooth halibut .....	.....	<i>Atheresthes stomias</i>
California halibut .....	.....	<i>Paralichthys californicus</i>
Sand dabs .....	.....	<i>Citharichthys sordidus</i>
"Sole":		
Dover .....	.....	<i>Microstomus pacificus</i>
English .....	.....	<i>Parophrys vetulus</i>
Petrale .....	.....	<i>Eopsetta jordani</i>
Rex .....	.....	<i>Glyptocephalus zachirus</i>
Sand .....	.....	<i>Psettichthys melanostictus</i>
Unclassified .....	.....	Pleuronectidae and Bothidae
Flying fish .....	.....	<i>Cypselurus species</i>
Garfish	Gar, sea gar	<i>Lepisosteus species</i>
Gizzard shad	Nanny shad, mud shad, winter shad	<i>Dorosoma cepedianum</i>
Goldfish	Sand perch, gold perch	<i>Carassius auratus</i>
Groupers	"Sea bass"	<i>Epinephelus species</i>
Grunts	Margate fish, sailors' choice	<i>Mycteropora species</i>
Haddock .....	.....	<i>Haemulon species</i>
Hake:		<i>Melanogrammus aeglefinus</i>
Red	Squirrel hake, ling, black hake, mud hake	<i>Urophycis chuss</i> (Atlantic)
White	Hake	<i>Urophycis tenuis</i> (Atlantic)
Pacific	Merluccio	<i>Merluccius productus</i> (Pacific)
Halfmoon	Rudder fish	<i>Medialuna californiensis</i>
Halibut .....	.....	<i>Hippoglossus hippoglossus</i> (Atlantic)
Hardhead	Sacramento rockfish	<i>Hippoglossus stenolepis</i> (Pacific)
Harvestfish	Starfish, dollarfish, pappyfish, butterfish (N.C.)	<i>Orthodon microlepidotus</i> (Pacific)
Herring:		
Lake	Herring	<i>Leucichthys artedi</i> (Great Lakes except Erie)
Sea .....	.....	<i>Clupea harengus</i> (Atlantic)
Thread .....	.....	<i>Clupea pallasii</i> (Pacific)
		<i>Opisthonema oglinum</i>

(Continued on next page)

GLOSSARY

Common names as shown in Bureau reports	Other common names	Scientific names
FISH - Continued		
Hickory shad	Tailor shad, skip, autumnal herring.....	<i>Alosa mediocris</i>
Hogchoker.....	.....	<i>Trinectes maculatus</i>
Hogfish	Capitaine, perro perro	<i>Lachnolaimus maximus</i>
Jack mackerel	Horse mackerel	<i>Trachurus symmetricus</i>
Jewfish .....	.....	<i>Promicrops itaiara</i>
King croaker.....	Kingfish, white croaker.....	<i>Genyonemus lineatus</i>
King mackerel	Cero, kingfish	{ <i>Scomberomorus cavalla</i>
King whiting or "kingfish".	Whiting, sea mink, ground mullet.....	{ <i>Scomberomorus regalis</i>
Lake trout.....	.....	<i>Menticirrhus</i> species
Lamprey .....	.....	<i>Salvelinus namaycush</i>
Launce	Sand eel, lant, sand launce	{ <i>Petromyzon marinus</i> (Atlantic)
Lingcod.....	Cultus cod, blue cod, buffalo cod, ling	{ <i>Lampetra tridentatus</i> (Pacific)
Boston mackerel.....	.....	<i>Ammodytes americanus</i>
Pacific mackerel.....	.....	<i>Ophiodon elongatus</i>
Menhaden	Mossbunker, pogy, fatback	<i>Scomber scombrus</i> (Atlantic)
Minnows .....	.....	<i>Scomber japonicus</i>
Mojarra	Sand perch, sand bream.....	<i>Brevoortia</i> species
Mooneye	Goldeye, toothed herring.....	Cyprinidae
Mullet	Jumping mullet, striped mullet, silver mullet	Gerridae
Muttonfish	Mutton snapper.....	<i>Hiodon</i> species
Ocean perch:	.....	<i>Mugil</i> species
Atlantic	Rosefish, redfish, red perch.....	<i>Lutjanus analis</i>
Pacific .....	.....	<i>Sebastes marinus</i>
Ocean pout.....	Eelpout, sea pout	<i>Sebastes alutus</i>
Opaleye.....	Spoonbill cat.....	<i>Macrozoarces americanus</i>
Paddlefish	Surffish.....	<i>Girello nigricans</i>
Perch.....	Hogfish (N.C.)	<i>Polyodon spathula</i>
Permit	Great Lakes pike	Embiotocidae (Pacific)
Pigfish	Bream, salt-water bream	<i>Trachinotus goodei</i>
Pike or pickerel	Boston bluefish	<i>Orthopristis chrysopterus</i>
Pinfish.....	.....	<i>Esox</i> species
Pollock .....	.....	<i>Logodon rhomboides</i>
Pompano .....	.....	<i>Pollachius virens</i> (Atlantic)
Quillback	Spearfish or skimpfish.....	{ <i>Trachinotus</i> species (Atlantic)
Ratfish.....	.....	{ <i>Palometa simillima</i> (Pacific)
Rock bass.....	Redeye, goggle-eye, groupers, sand bass ...	<i>Carpoides</i> species
Rockfishes	Rock cod, snapper	<i>Hydrologus collieri</i>
Sablefish.....	Black cod.....	{ <i>Ambloplites rupestris</i> (fresh-water)
Salmon:	.....	{ <i>Paralabrax nebulifer</i> (Pacific)
Atlantic.....	.....	<i>Sebastes</i> species (Pacific)
Pacific:	.....	<i>Anoplopoma fimbria</i>
Chinook or king.....	Tyee, spring.....	<i>Salmo solar</i> (Atlantic)
Chum or keta.....	Fall, dog.....	<i>Oncorhynchus tshawytscha</i>
Pink	Humpback	<i>Oncorhynchus keta</i>
Red or sockeye.....	Blueback	<i>Oncorhynchus gorbushcha</i>
Silver or coho.....	.....	<i>Oncorhynchus nerka</i>
.....	.....	<i>Oncorhynchus kisutch</i>

(Continued on next page)

GLOSSARY

Common names as shown in Bureau reports	Other common names	Scientific names
FISH - Continued		
Sand perch	Yellowtail, silver perch	<i>Bairdiella chrysur</i>
Sardine (Pacific).....	Pilchard	<i>Sardinops caerulea</i> (Pacific)
Sauger	Sand pike	<i>Stizostedion canadense</i>
Saury	Mackerel-pike.....	<i>Cololabis saira</i>
Sawfish .....	.....	<i>Pristis pectinatus</i>
Sculpin	Scorpionfish	<i>Myoxocephalus</i> species
Scup or porgy	Porgee, paugy, fair maid.....	<i>Calamus</i> and <i>Stenotomus</i> species
Sea bass:		
Black	{ Black jewfish (Pacific)..... Blackfish (Atlantic).....	<i>Stereolepis gigas</i>
White		<i>Centropristes striatus</i>
Sea catfish.....	Gafftopsail	<i>Cynoscion nobilis</i> (Pacific)
Sea robin .....	.....	<i>Bagre marinus</i>
Sea trout or weakfish:		<i>Prionotus</i> species
Gray	Gray trout, squeteague	<i>Cynoscion regalis</i>
Spotted	Spotted trout, speckled trout.....	<i>Cynoscion nebulosus</i>
White	White trout, sand trout.....	<i>Cynoscion arenarius</i>
Shad.....	American shad, white shad	<i>Alosa sapidissima</i>
Sharks:		
Grayfish	Dogfish, spiny and smooth dog.....	<i>Squalus</i> and <i>Mustelus</i> species
Soupfin .....	.....	<i>Galeorhinus zyopterus</i>
Other .....	.....	{ <i>Carcharodon</i> , <i>Carcharias</i> , <i>Sphryna</i> , <i>Prionace</i> and <i>Lamna</i> species
Sheepshead:		
Fresh-water	Fresh-water drum, gaspergon, gou	<i>Aplodinotus grunniens</i>
Salt-water	California redbfish, fathead.....	<i>Archosargus</i> species (Atlantic)
Sierra.....	.....	<i>Pimelometopon pulcher</i> (Pacific)
Silversides	Spearing	<i>Scomberomorus sierra</i> (Pacific)
Skates.....	Ray, rajafish	<i>Menidia</i> species
	.....	<i>Raja</i> species
Smelt.....	{	{ <i>Osmerus mordax</i> (Atlantic and Great Lakes), <i>Atherinidae</i> and <i>Osmeridae</i> (Pacific)
		Eulachon.....	Thaleichthys pacificus
Snapper:		
Mangrove	Gray snapper	<i>Lutjanus griseus</i>
Red .....	.....	<i>Lutjanus blackfordii</i>
Vermilion .....	.....	<i>Rhomboplites</i> species
Yellowtail .....	.....	<i>Ocyurus chrysurus</i>
Snook	Robalo, sergeantfish, pike.....	<i>Centropomus undecimalis</i>
Spadefish	Angelfish	<i>Chaetodipterus faber</i>
Spanish mackerel.....	Mackerel	<i>Scomberomorus maculatus</i>
Spanish sardine .....	.....	<i>Sardinella anchovia</i>
Splittail .....	.....	<i>Pogonichthys macrolepidotus</i>
Spot	Lafayette, goody	<i>Leiostomus xanthurus</i>
Steelhead trout.....	Salmon trout.....	<i>Salmo gairdneri</i>

(Continued on next page)

GLOSSARY

Common names as shown in Bureau reports	Other common names	Scientific names
FISH - Continued		
Striped bass.....	Rockfish, rock.....	<i>Roccus saxatilis</i>
Sturgeon:	.....	<i>Acipenser</i> species
Common.....	.....	<i>Scaphirhynchus platyrhynchus</i>
Shovelnose.....	.....	<i>Catostomus</i> species
Suckers.....	Fresh-water mullet, redbfin, bayfish.....	<i>Lepomis</i> species
Sunfish.....	Bream, perch, bluegill.....	<i>Sphaeroides maculatus</i>
Swellfish.....	Puffer, swell toad, globefish, blowfish.....	<i>Xiphias gladius</i>
Swordfish.....	.....	<i>Tautoga anitis</i>
Tautog.....	Blackfish, oysterfish.....	<i>Elops saurus</i>
Tenpounder.....	Big-eyed herring, ladyfish.....	<i>Pneumatophorus colias</i>
Thimble-eyed mackerel.....	Chub mackerel, bullseye mackerel.....	<i>Lopholatilus chamaeleonticeps</i>
Tilefish.....	.....	<i>Microgadus tomcod</i> (Atlantic)
Tomcod.....	Frost fish.....	<i>Microgadus proximus</i> (Pacific)
Triggerfish.....	.....	<i>Balistes</i> species
Tripletail.....	Sunfish (N.C.), blackfish.....	<i>Lobotes surinamensis</i>
Tullibee.....	(See chubs).....	.....
Tuna:	.....	.....
Albacore.....	Longfin tuna.....	<i>Thunnus alalunga</i>
Bluefin.....	Horse mackerel.....	<i>Thunnus thynnus</i>
Little.....	Bonito, albacore, false albacore.....	<i>Euthynnus olletteratus</i>
Skipjack.....	Striped tuna.....	<i>Katsuwonus pelamis</i>
Yellowfin.....	.....	<i>Thunnus albacares</i>
Turbot.....	.....	Pleuronectidae (Pacific)
Wahoo.....	.....	<i>Acanthocybium solandri</i>
Warsaw.....	Black Jewfish.....	<i>Garrupa nigrita</i>
Whitebait.....	Silversides.....	<i>Menidia beryllina</i> (Atlantic)
White bass.....	White lake bass.....	Small fry of several species (Pacific)
Whitefish:	.....	<i>Roccus chrysops</i>
Common.....	.....	<i>Coregonus clupeaformis</i>
Menominee.....	.....	<i>Prosopium quadrilaterale</i>
White perch.....	.....	<i>Morone americana</i>
Whiting.....	Silver hake.....	<i>Merluccius bilinearis</i>
Wolffish.....	Ocean catfish (New England).....	<i>Anarhichas lupus</i>
Yellow bass.....	Bar fish.....	<i>Roccus mississippiensis</i>
Yellow perch.....	Ringed perch, perch.....	<i>Perca flavescens</i>
Yellow pike.....	Wall-eyed pike, pike perch, dore (Canadian).....	<i>Stizostedion vitreum vitreum</i>
Yellowtail.....	(For Atlantic, see snapper, yellowtail).....	<i>Seriola dorsalis</i> (Pacific)
CRUSTACEANS		
Crabs:		
Blue:	.....	.....
Hard.....	Hard-shell crab.....	.....
Soft and peeler.....	Soft-shell crab.....	<i>Callinectes sapidus</i>
Dungeness.....	.....	<i>Cancer magister</i>
King.....	Alaska king crab.....	<i>Paralithodes comschatica</i>

(Continued on next page)

Common names as shown in Bureau reports	Other common names	Scientific names
CRUSTACEANS - Continued		
Crabs: - Continued		
Rock.....	.....	{ <i>Cancer irroratus</i> (New England)
Stone.....	.....	{ <i>Cancer</i> species (California)
Crawfish:		<i>Menippe mercenaria</i>
Fresh-water.....	Crayfish.....	{ <i>Cambarus</i> species (Atlantic)
Salt-water.....	(See lobsters, spiny).....	{ <i>Astacus</i> species (Pacific)
Horseshoe crab.....	King crab.....	<i>Limulus</i> species
Lobsters:		<i>Homarus americanus</i> (Atlantic)
Northern.....		{ <i>Panulirus argus</i> (Atlantic)
Spiny.....	Sea crawfish, rock lobster.....	{ <i>Panulirus interruptus</i> (Pacific)
Shrimp.....	Prawn.....	{ <i>Penaeus</i> , <i>Pandalus</i> , and <i>Xiphopenaeus</i>
		{ (Atlantic), <i>Pandalus</i> , <i>Pandalopsis</i> ,
		and <i>Crangon</i> species (Pacific)
MOLLUSKS		
Abalone.....	.....	<i>Haliotis</i> species
Clams:		<i>Cardium corbis</i> (Pacific)
Cockle.....	.....	<i>Saxidomus nuttalli</i> (Pacific)
Hard.....	{ Butter.....	<i>Protathoca staminea</i> (Pacific)
	{ Little neck.....	<i>Venus mercenaria</i> , <i>Mercenaria mercenaria</i>
	{ Round clam, cherrystone, quahog, little neck.....	<i>Arctica islandica</i>
Ocean quahog.....	.....	{ <i>Ensis</i> species (Atlantic)
Razor.....	.....	<i>Siliqua patula</i> (Pacific)
Soft.....	Soft-shell clam, sand clam, nannynose, maninose	<i>Mya arenaria</i>
Surf.....	Skimmer.....	<i>Spisula solidissima</i>
Conchs.....	.....	{ <i>Strombus</i> species
Mussels:		{ <i>Busycan</i> species
Sea.....	.....	{ <i>Mytilus californianus</i> (Pacific)
		{ <i>Mytilus edulis</i> (Atlantic)
Fresh-water:		Unionidae
Mussel shells.....	.....	.....
Pearls and slugs.....	.....	.....
Octopus.....	Devilfish.....	<i>Paractopus appollyon</i>
Oysters:		<i>Crassostrea virginica</i>
Eastern.....	Cove.....	<i>Crassostrea gigas</i>
Pacific.....	Japanese.....	<i>Ostrea lurida</i>
Western.....	Olympia, native.....	<i>Littorina</i> species
Periwinkles or cockles.....	.....	.....
Scallops:		{ <i>Pecten</i> species (Atlantic)
Bay.....	.....	{ <i>Pecten caurinus</i> (Pacific)
Sea.....	.....	<i>Placopecten magellanicus</i>

(Continued on next page)

GLOSSARY

Common names as shown in Bureau reports	Other Common names	Scientific names
MOLLUSKS - Continued		
Squid.....	Inkfish, bone squid, taw tau.....	{ <i>Loligo opalescens</i> (Pacific) <i>Loligo pealii</i> (Atlantic)
OTHER		
Sea urchins.....	Sea eggs.....	<i>Strongylacentrotus drobachiensis</i>
Terrapin.....	Diamond-back terrapin.....	<i>Malaclemys</i> species
Turtles:		
Baby.....	.....	(Young of fresh-water species)
Green.....	.....	<i>Chelonia mydas</i>
Loggerhead.....	.....	<i>Caretta</i> species
Sliders.....	.....	<i>Pseudemys</i> species
Snapper.....	Hard-shell, alligator turtle.....	{ <i>Chelydra serpentina</i> <i>Macrochelys temmickii</i>
Soft-shell.....	.....	<i>Amyda</i> species
Frogs.....	.....	<i>Rana</i> species
Irish moss.....	.....	<i>Chondrus crispus</i>
Kelp.....	.....	<i>Macrocystis</i> species
Sponges:		
Glove.....	.....	<i>Hippiospongia conaliculata</i>
Grass.....	.....	<i>Spongia graminea</i>
Sheepswool.....	Wool.....	<i>Hippiospongia lachne</i>
Yellow.....	.....	<i>Spongia barbara</i>
Whales:		
Blue.....	.....	<i>Balaenoptera musculus</i>
Bottlenose.....	.....	<i>Berardius bairdi</i>
Fin.....	.....	<i>Balaenoptera physalus</i>
Humpback.....	.....	<i>Megaptera</i> species
Sei.....	.....	<i>Balaenoptera borealis</i>
Sperm.....	.....	<i>Physeter catodon</i>
Bloodworms.....	.....	Glyceridae
Sandworms.....	.....	<i>Nereis</i> species

SECTION 15 - PICTORIAL SECTION

As many of the readers of this publication may not be familiar with all of the species of fish and shellfish, etc., taken commercially in the United States, illustrations of many of the various species are included in the following pages. The descriptive material appearing with each species includes the areas in which commercial landings are made in the United States and does not constitute the extreme limits in which they occur. Similarly, the gear listed for each species do not represent the only types of apparatus by which these species are obtained, but represent those types which are normally used in their capture. The gear do not necessarily appear in the order of their importance. Illustrations of species landed in Hawaii are not included in this section.

For more detailed information on the nomenclature of the fishery products listed below, the reader is referred to Section 14 of this publication entitled, "Glossary."



ALEWIFE
RANGE - FLORIDA TO NEW ENGLAND
GEAR - POUND NETS, GILL NETS, WEIRS,
DIP NETS, HAUL SEINES, FLOATING TRAPS,
FYKE NETS



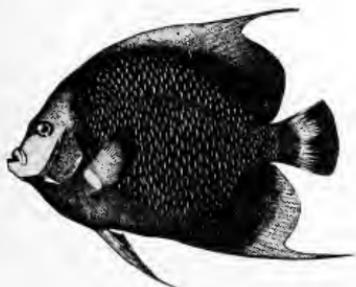
ANGLERFISH
RANGE - NEW JERSEY TO MASSACHUSETTS
GEAR - OTTER TRAWLS, POUND NETS



AMBERJACK
RANGE - FLORIDA
GEAR - HANDLINES, TROLL LINES



ANCHOVY
RANGE - CALIFORNIA TO WASHINGTON
GEAR - PURSE SEINES AND HAUL SEINES



ANGELFISH
RANGE - FLORIDA
GEAR - HAUL SEINES



BARRACUDA (ATLANTIC)
RANGE - FLORIDA
GEAR - TROLL LINES, HANDLINES

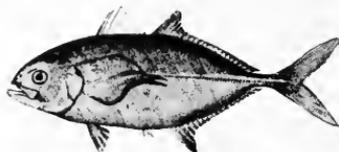


BARRACUDA (PACIFIC)
RANGE - CALIFORNIA
GEAR - PURSE SEINES, LONGLINES, HANDLINES,
TROLL LINES, GILL AND TRAMMEL NETS

PICTORIAL SECTION



BLUEFISH
 RANGE - GULF OF MEXICO TO NEW ENGLAND
 GEAR - HAUL SEINES, GILL NETS, POUND NETS,
 TROLL LINES, PURSE SEINES



BLUE RUNNER OR HAROTAIL
 RANGE - GULF OF MEXICO
 GEAR - HAUL SEINES, GILL NETS, POTS



BONITO (ATLANTIC)
 RANGE - NORTH CAROLINA TO MASSACHUSETTS
 GEAR - POUND NETS, TROLL LINES, GILL NETS



BOWFIN
 RANGE - FRESH-WATER
 GEAR - HAUL SEINES, TRAP NETS, FYKE NETS



BUFFALOFISH
 RANGE - FRESH-WATER
 GEAR - HAUL SEINES, FYKE NETS, TRAMMEL
 NETS, TROLL LINES



BURBOT
 RANGE - GREAT LAKES
 GEAR - GILL NETS, FYKE NETS, POUND
 NETS, TRAP NETS



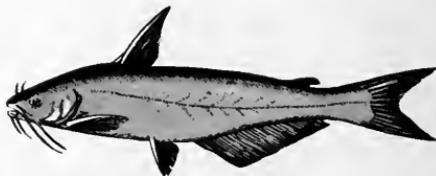
BUTTERFISH
 RANGE - FLORIDA TO NEW ENGLAND
 GEAR - POUND NETS, HAUL SEINES, OTTER TRAWLS



CABIO
 RANGE - FLORIDA TO VIRGINIA
 GEAR - HANDLINES, POUND NETS



CARP
 RANGE - FRESH-WATER
 GEAR - HAUL SEINES, GILL NETS, TRAP NETS,
 FYKE NETS, POUND NETS, TROLL LINES



CATFISH
 RANGE - FRESH-WATER
 GEAR - HAUL SEINES, TROLL LINES, POUND
 NETS, POTS, FYKE NETS

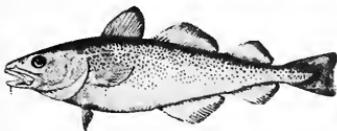
PICTORIAL SECTION



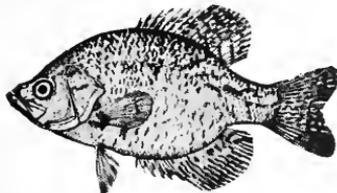
CHUB
RANGE - GREAT LAKES
GEAR - GILL NETS



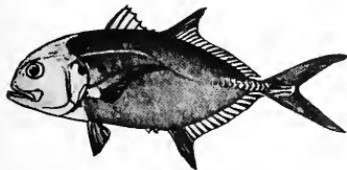
CIGARFISH
RANGE - FLORIDA
GEAR - HAUL SEINES



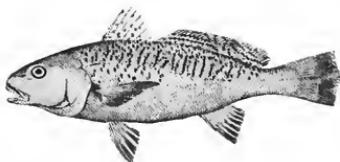
COD
RANGE - VIRGINIA TO MAINE, WASHINGTON,
AND ALASKA
GEAR - OTTER TRAWLS, LONGLINES, GILL NETS



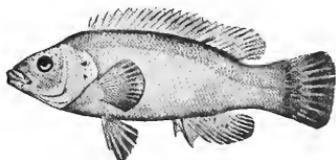
CRAPPIE
RANGE - FRESH-WATER LAKES
GEAR - HAUL SEINES, LINES, POTS



CREVALLE
RANGE - SOUTH ATLANTIC AND GULF STATES
GEAR - HAUL SEINES, GILL NETS, LINES



CROAKER
RANGE - GULF OF MEXICO TO NEW YORK
GEAR - POUND NETS, OTTER TRAWLS, HAUL SEINES,
GILL NETS



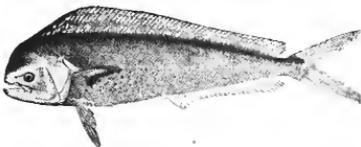
CUNNER
RANGE - NEW ENGLAND
GEAR - OTTER TRAWLS, HANDLINES



CUSK
RANGE - NEW ENGLAND
GEAR - OTTER TRAWLS, LONGLINES

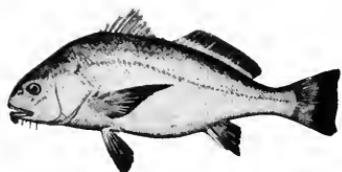


DOLLY VARDEN TROUT
RANGE - PACIFIC
GEAR - POUND NETS, GILL NETS, LINES

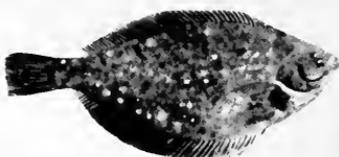


DOLPHIN
RANGE - FLORIDA TO NORTH CAROLINA
GEAR - TROLL LINES

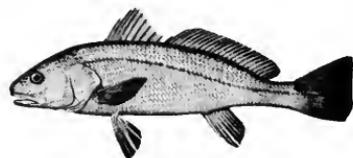
PICTORIAL SECTION



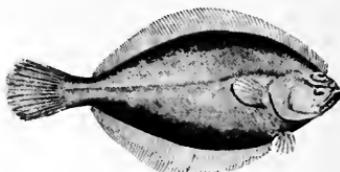
DRUM, BLACK
 RANGE - TEXAS TO NORTH CAROLINA
 GEAR - HAUL SEINES, POUND NETS, LINES



LEMON SOLE
 RANGE - NEW YORK TO MAINE
 GEAR - OTTER TRAWLS



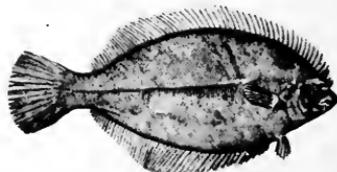
DRUM, RED
 RANGE - TEXAS - MARYLAND
 GEAR - POUND NETS, HAUL SEINES, GILL NETS,
 LINES



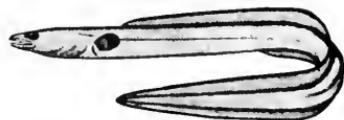
DAB
 RANGE - MASSACHUSETTS TO NOVA SCOTIA
 GEAR - OTTER TRAWLS, LONGLINES



EEL, COMMON
 RANGE - FLORIDA TO NEW ENGLAND AND IN
 MISSISSIPPI RIVER, LAKE ONTARIO
 GEAR - POTS, SPEARS, POUND NETS



BLACKBACK OR WINTER FLOUNDER
 RANGE - NORTH CAROLINA TO MAINE
 GEAR - OTTER TRAWLS, POUND NETS, FYKE NETS,
 SPEARS, LINES



EEL, CONGER
 RANGE - FLORIDA TO NEW ENGLAND
 GEAR - OTTER TRAWLS



FLUKE
 RANGE - TEXAS TO MASSACHUSETTS
 GEAR - OTTER TRAWL, SPEARS, LINES



GRAY SOLE
 RANGE - MASSACHUSETTS TO MAINE
 GEAR - OTTER TRAWLS



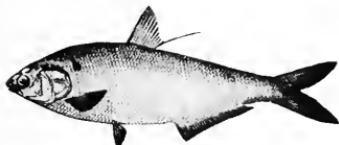
FLYING FISH
 RANGE - PACIFIC AND ATLANTIC OCEANS
 GEAR - GILL NETS



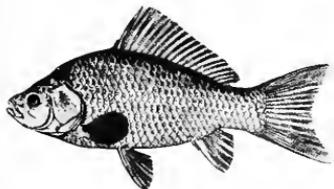
FRIGATE MACKEREL
 RANGE - MIDDLE ATLANTIC
 GEAR - POUND NETS



GARFISH
 RANGE - FRESH-WATER
 GEAR - HAUL SEINES, LINES



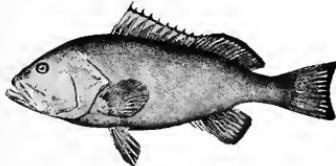
GIZZARD SHAD
 RANGE - NORTH CAROLINA TO MARYLAND,
 GREAT LAKES
 GEAR - HAUL SEINES, POUND NETS, GILL NETS



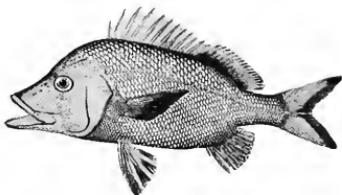
GOLDFISH
 RANGE - LAKES AND RIVERS
 GEAR - HAUL SEINES, TRAP NETS, FYKE NETS



GRAYFISH
 RANGE - PACIFIC
 GEAR - LONGLINES, OTTER TRAWLS, GILL NETS



GROUPE
 RANGE - TEXAS TO SOUTH CAROLINA
 GEAR - HANDLINES, POTS



GRUNT
 RANGE - FLORIDA
 GEAR - POTS, GILL NETS, LINES



HADDOCK
 RANGE - NEW ENGLAND STATES
 GEAR - OTTER TRAWLS, GILL NETS, LONGLINES



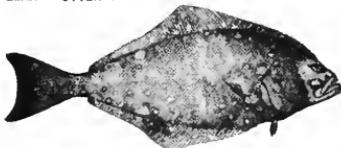
HAKE, RED
 RANGE - CHESAPEAKE BAY TO NEW ENGLAND
 GEAR - GILL NETS, OTTER TRAWLS, LONGLINES



HAKE, WHITE
 RANGE - CHESAPEAKE BAY TO NEW ENGLAND
 GEAR - GILL NETS, OTTER TRAWLS, LONGLINES



HAKE (PACIFIC)
 RANGE - PACIFIC
 GEAR - OTTER TRAWLS



HALIBUT
 RANGE - PACIFIC COAST - NEW ENGLAND
 GEAR - LONGLINES, OTTER TRAWLS

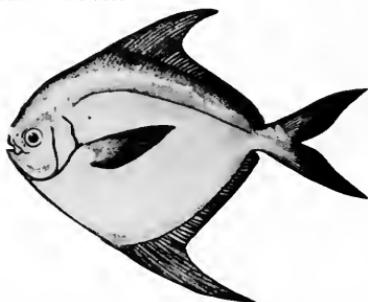
PICTORIAL SECTION



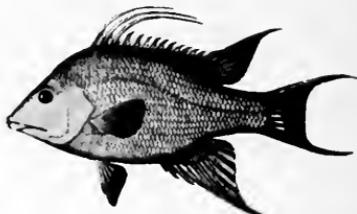
HARDHEAD
 RANGE - CALIFORNIA
 GEAR - FYKE NETS



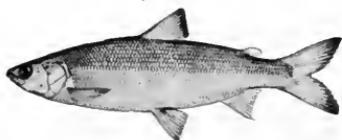
HOGCHOKER
 RANGE - CHESAPEAKE BAY
 GEAR - POUND NETS, HAUL SEINES



HARVESTFISH OR "STARFISH"
 RANGE - NORTH CAROLINA TO CHESAPEAKE BAY
 GEAR - HAUL SEINES, POUND NETS



HOGFISH
 RANGE - FLORIDA
 GEAR - LINES



HERRING, LAKE
 RANGE - GREAT LAKES
 GEAR - GILL NETS, HAUL SEINES, POUND NETS,
 TRAP NETS



JEWFISH
 RANGE - FLORIDA
 GEAR - HANDLINES



HERRING, SEA
 RANGE - NEW JERSEY TO NEW ENGLAND, PACIFIC
 COAST STATES AND ALASKA
 GEAR - PURSE SEINES, WEIRS, FLOATING TRAPS,
 STOP SEINES



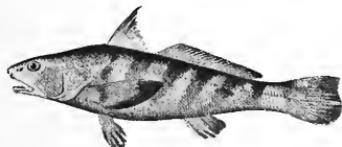
JOHN DORY
 RANGE - MIDDLE ATLANTIC STATES
 GEAR - OTTER TRAWLS



HICKORY SHAD
 RANGE - FLORIDA TO RHODE ISLAND
 GEAR - POUND NETS, HAUL SEINES, GILL NETS
 FLOATING TRAPS



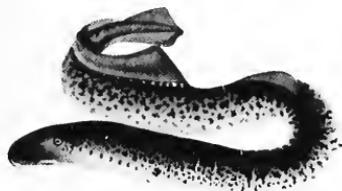
KING MACKEREL
 RANGE - TEXAS TO NEW YORK
 GEAR - TROLL LINES, GILL NETS, HANDLINES



KING WHITING
 RANGE - TEXAS TO MASSACHUSETTS
 GEAR - OTTER TRAWLS, HAUL SEINES, POUND NETS



LAKE TROUT
 RANGE - GREAT LAKES
 GEAR - GILL NETS, LINES, POUND NETS (TRAP NETS)



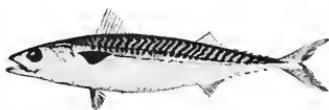
LAMPREY
 RANGE - FRESH-WATER
 GEAR - POTS, FYKE NETS



LAUNCE
 RANGE - NEW ENGLAND
 GEAR - HAUL SEINES



LINGCOD
 RANGE - CALIFORNIA TO ALASKA
 GEAR - OTTER TRAWLS, LONGLINES, HANDLINES



MACKEREL, ATLANTIC
 RANGE - CHESAPEAKE BAY TO MAINE
 GEAR - PURSE SEINES, GILL NETS, POUND NETS,
 FLOATING TRAPS



MACKEREL, JACK
 RANGE - CALIFORNIA
 GEAR - LINES, SEINES, LAMPARA NETS



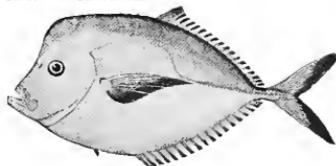
MACKEREL, PACIFIC
 RANGE - CALIFORNIA
 GEAR - LINES, SEINES, LAMPARA NETS



MENHADEN
 RANGE - GULF OF MEXICO TO NEW ENGLAND
 GEAR - PURSE SEINES, POUND NETS



MOONEYE
 RANGE - GREAT LAKES
 GEAR - HAUL SEINES



MOONFISH
 RANGE - FLORIDA
 GEAR - HANDLINES, HAUL SEINES

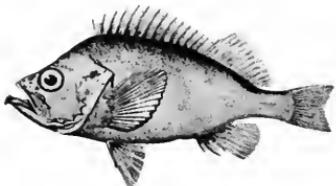
PICTORIAL SECTION



MULLET
 RANGE - TEXAS TO NEW JERSEY
 GEAR - GILL NETS, HAUL SEINES, POUND NETS,
 CAST NETS



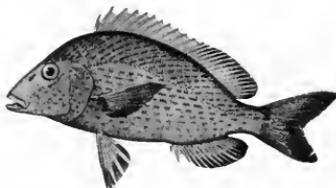
OCEAN POUT
 RANGE - NEW ENGLAND
 GEAR - OTTER TRAWLS



OCEAN PERCH
 RANGE - NEW ENGLAND
 GEAR - OTTER TRAWLS



PADDFISH
 RANGE - GULF OF MEXICO, MISSISSIPPI RIVER
 GEAR - HAUL SEINES, TROT LINES



PIGFISH
 RANGE - FLORIDA
 GEAR - POTS, HANDLINES, GILL NETS



PIKE OR PICKEREL
 RANGE - FRESH-WATER
 GEAR - TRAP NETS, FYKE NETS, GILL NETS,
 POUND NETS, HANDLINES



SARDINE, PACIFIC (PILCHARD)
 RANGE - CALIFORNIA TO WASHINGTON
 GEAR - PURSE SEINES, LAMPARA AND RING NETS,
 GILL NETS



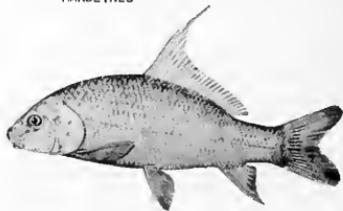
PINFISH
 RANGE - FLORIDA TO NORTH CAROLINA
 GEAR - HAUL SEINES, GILL NETS



POLLOCK
 RANGE - MIDDLE ATLANTIC AND NEW ENGLAND STATES
 GEAR - LONGLINES, FLOATING TRAPS, POUND NETS,
 OTTER TRAWLS, GILL NETS

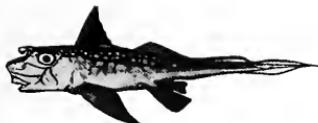


POMPANO
 RANGE - TEXAS TO NORTH CAROLINA
 GEAR - TRAMMEL NETS, HAUL SEINES, GILL NETS,
 HANDLINES



QUILLBACK
 RANGE - FRESH-WATER
 GEAR - HAUL SEINES, TROT LINES, FYKE NETS

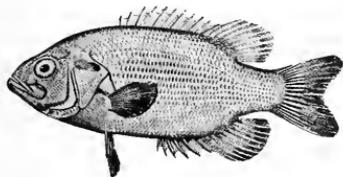
PICTORIAL SECTION



RATFISH
 RANGE - WASHINGTON TO ALASKA
 GEAR - BEAM TRAWLS, LONGLINES



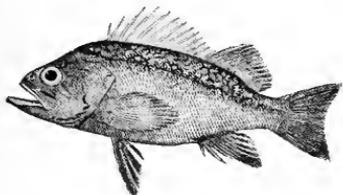
SALMON, CHINOOK OR KING
 RANGE - CALIFORNIA TO ALASKA
 GEAR - POUND NETS, PURSE SEINES, GILL NETS,
 HAUL SEINES, TROLL LINES, REEF NETS



ROCK BASS
 RANGE - GREAT LAKES
 GEAR - TRAP NETS, FYKE NETS, HAUL SEINES,
 GILL NETS



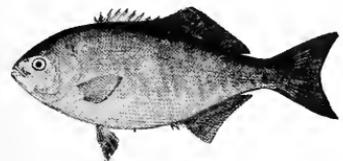
SALMON, CHUM OR KETA
 RANGE - OREGON TO ALASKA
 GEAR - POUND NETS, PURSE SEINES, GILL NETS,
 HAUL SEINES, REEF NETS



ROCKFISH
 RANGE - CALIFORNIA TO ALASKA
 GEAR - LINES, OTTER TRAWLS, PARANZELLA NETS,
 GILL NETS



SALMON, PINK
 RANGE - WASHINGTON TO ALASKA
 GEAR - PURSE SEINES, POUND NETS, GILL NETS
 REEF NETS



RUDDERFISH
 RANGE - CALIFORNIA
 GEAR - LAMPARA AND RING NETS



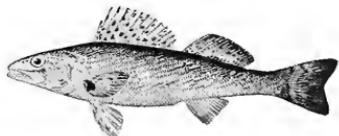
SALMON, RED OR SOCKEYE
 RANGE - OREGON TO ALASKA
 GEAR - GILL NETS, PURSE SEINES, POUND NETS,
 REEF NETS



SABLEFISH
 RANGE - PACIFIC COAST STATES AND ALASKA
 GEAR - LONGLINES, OTTER TRAWLS

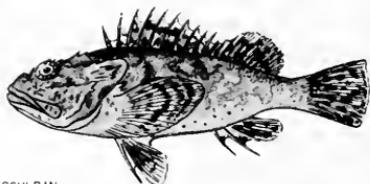


SALMON, SILVER OR COHO
 RANGE - CALIFORNIA TO ALASKA
 GEAR - HAUL SEINES, PURSE SEINES, GILL NETS,
 TROLL LINES, POUND NETS, REEF NETS

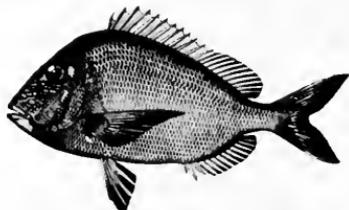


SAUGER
 RANGE - GREAT LAKES
 GEAR - GILL NETS, HAUL SEINES, TRAP NETS,
 FYKE NETS

PICTORIAL SECTION



SCULPIN
 RANGE - PACIFIC COAST STATES AND ALASKA
 GEAR - LINES, GILL NETS, POTS



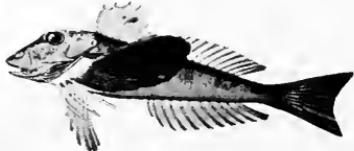
SCUP OR PORGY
 RANGE - FLORIDA TO NEW ENGLAND
 GEAR - OTTER TRAWLS, POUND NETS



SEA BASS
 RANGE - FLORIDA TO NEW ENGLAND
 GEAR - OTTER TRAWLS, HANDLINES, POTS



SEA CATFISH
 RANGE - TEXAS TO CHESAPEAKE BAY
 GEAR - OTTER TRAWLS, HAUL SEINES, HANDLINES



SEA ROBIN
 RANGE - CHESAPEAKE BAY TO NEW ENGLAND
 GEAR - POUND NETS, OTTER TRAWLS



SEA TROUT OR WEAKFISH, GRAY
 RANGE - FLORIDA TO MASSACHUSETTS
 GEAR - OTTER TRAWLS, POUND NETS, PURSE SEINES,
 GILL NETS, HAUL SEINES



SEA TROUT OR WEAKFISH, SPOTTED
 RANGE - MARYLAND TO TEXAS
 GEAR - GILL NETS, TRAMMEL NETS, HAUL SEINES,
 POUND NETS, OTTER TRAWLS, HANDLINES



SEA TROUT OR WEAKFISH, WHITE
 RANGE - GULF OF MEXICO
 GEAR - GILL NETS, HAUL SEINES, HANDLINES

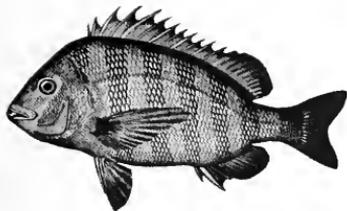


SHAD
 RANGE - FLORIDA TO NEW ENGLAND
 GEAR - GILL NETS, POUND NETS, FYKE NETS,
 HAUL SEINES



SHARK
 RANGE - ATLANTIC COAST, GULF, PACIFIC COAST STATES
 GEAR - LONGLINES, GILL NETS, OTTER TRAWLS

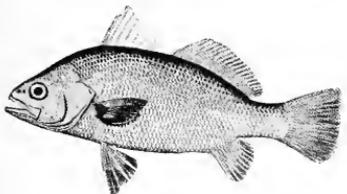
PICTORIAL SECTION



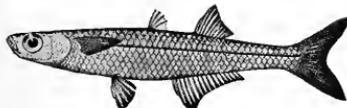
SHEEPSHEAD
RANGE - TEXAS TO CHESAPEAKE BAY
GEAR - HANDLINES, POTS



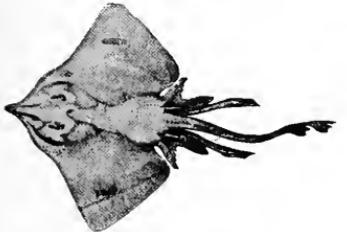
SHEEPSHEAD, CALIFORNIA
RANGE - CALIFORNIA
GEAR - LONGLINES, TRAMMEL NETS



SAND PERCH
RANGE - TEXAS TO NEW YORK
GEAR - HAUL SEINES, GILL NETS, POUND NETS



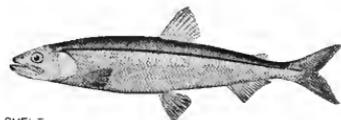
SILVERSIDES
RANGE - NEW YORK
GEAR - HAUL SEINES, OTTER TRAWLS



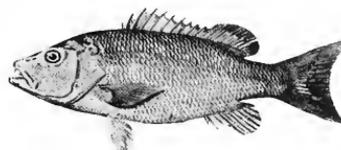
SKATE
RANGE - PACIFIC COAST, CHESAPEAKE BAY TO NEW ENGLAND
GEAR - LINES, OTTER TRAWLS, POUND NETS, HAUL SEINES



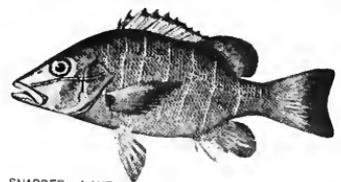
SKIPPER
RANGE - VIRGINIA TO NOVA SCOTIA
GEAR - POUND NETS, WEIRS



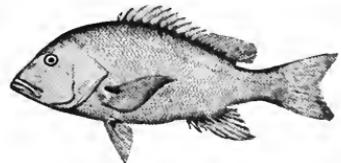
SMELT
RANGE - NEW YORK TO MAINE, PACIFIC OCEAN,
GREAT LAKES
GEAR - POUND NETS, DIP NETS, GILL NETS, HAUL SEINES



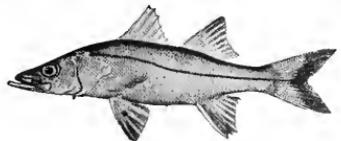
SNAPPER, MANGROVE
RANGE - FLORIDA
GEAR - HANDLINES, GILL NETS



SNAPPER, LANE
RANGE - FLORIDA
GEAR - HANDLINES



SNAPPER, RED
RANGE - TEXAS TO FLORIDA
GEAR - HANDLINES



SNOOK
RANGE - TEXAS TO FLORIDA
GEAR - GILL NETS, HANDLINES, HAUL SEINES

PICTORIAL SECTION



SPADEFISH
 RANGE - FLORIDA
 GEAR - GILL NETS, TRAMMEL NETS



SPANISH MACKEREL
 RANGE - TEXAS TO VIRGINIA
 GEAR - GILL NETS, LINES, HAUL SEINES



SPOT
 RANGE - GULF OF MEXICO TO MIDDLE ATLANTIC STATES
 GEAR - HAUL SEINES, GILL NETS, POUND NETS,
 OTTER TRAWLS



SQUAWFISH
 RANGE - CALIFORNIA
 GEAR - FYKE NETS, GILL NETS



STEELHEAD TROUT
 RANGE - OREGON TO ALASKA
 GEAR - HAUL SEINES, POUND NETS, GILL NETS,
 LINES, DIP NETS



STRIPED BASS
 RANGE - NORTH CAROLINA TO NEW ENGLAND, CALIFORNIA
 TO OREGON
 GEAR - HAUL SEINES, GILL NETS, POUND NETS,
 HANDLINES, FYKE NETS



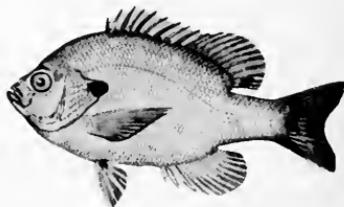
STURGEON
 RANGE - COASTAL AND RIVER AREAS
 GEAR - GILL NETS, LINES



STURGEON, SHOVELNOSE
 RANGE - FRESH-WATER
 GEAR - HAUL SEINES, LINES, POUND NETS



SUCKER
 RANGE - FRESH-WATER
 GEAR - POUND NETS, FYKE NETS, GILL NETS,
 HAUL SEINES, TRAP NETS



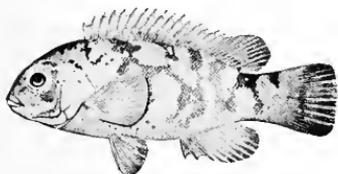
SUNFISH
 RANGE - FRESH-WATER
 GEAR - POTS, SEINES, TRAP NETS



SWELLFISH
 RANGE - CHESAPEAKE BAY TO MIDDLE ATLANTIC
 GEAR - POUND NETS, HAUL SEINES, OTTER TRAWLS



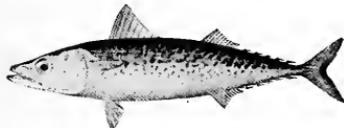
SWORDFISH
 RANGE - NEW ENGLAND AND CALIFORNIA
 GEAR - HARPOONS



TAUTOG
 RANGE - CHESAPEAKE BAY TO NEW ENGLAND
 GEAR - POUND NETS, HANDLINES, POTS



TENPOUNDER
 RANGE - FLORIDA
 GEAR - HAUL SEINES



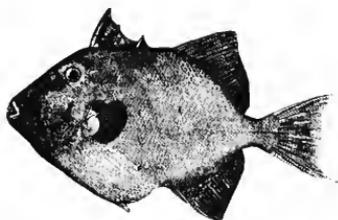
THIMBLE-EYED MACKEREL
 RANGE - CHESAPEAKE BAY TO NEW ENGLAND
 GEAR - POUND NETS, PURSE SEINES, OTTER TRAWLS



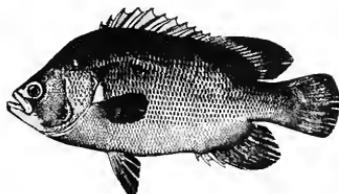
TILEFISH
 RANGE - MIDDLE ATLANTIC AND NEW ENGLAND STATES
 GEAR - LONGLINES, REEF NETS, OTTER TRAWLS



TOMCOD
 RANGE - PACIFIC COAST, MIDDLE ATLANTIC AND
 NEW ENGLAND STATES
 GEAR - OTTER TRAWLS, DIP NETS



TRIGGERFISH
 RANGE - FLORIDA
 GEAR - HANDLINES



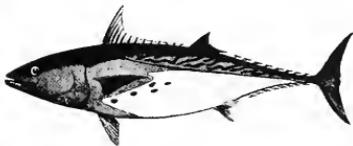
TRIPLETAIL
 RANGE - FLORIDA
 GEAR - HAUL SEINES, GILL NETS, LINES



TUNA, ALBACORE
 RANGE - PACIFIC COAST
 GEAR - LINES

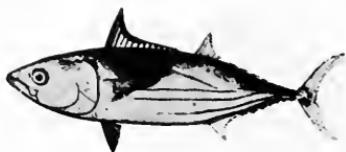


TUNA, BLUEFIN
 RANGE - CALIFORNIA, NEW JERSEY TO MAINE
 GEAR - PURSE SEINES, LAMPARA NETS, TROLL LINES,
 POUND NETS, HARPOONS



TUNA, LITTLE
 RANGE - MASSACHUSETTS TO TEXAS
 GEAR - POUND NETS, TROLL LINES, OTTER TRAWLS

PICTORIAL SECTION



TUNA, SKIPJACK
 RANGE - CALIFORNIA
 GEAR - LINES AND PURSE SEINES



TUNA, YELLOWFIN
 RANGE - PACIFIC
 GEAR - LINES AND PURSE SEINES



WHITE BASS
 RANGE - GREAT LAKES
 GEAR - TRAP NETS, FYKE NETS, HAUL SEINES,
 POUND NETS



WHITEFISH, COMMON
 RANGE - GREAT LAKES
 GEAR - GILL NETS, POUND NETS, TRAP NETS



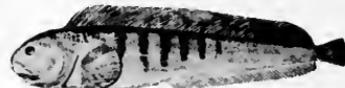
WHITEFISH, MEMONINEE
 RANGE - ALASKA, GREAT LAKES
 GEAR - GILL NETS, HAUL SEINES, TRAP NETS,
 POUND NETS



WHITE PERCH
 RANGE - NORTH CAROLINA TO MAINE
 GEAR - POUND NETS, FYKE NETS, HAUL SEINES



WHITING
 RANGE - VIRGINIA TO MAINE
 GEAR - OTTER TRAWLS, POUND NETS



WOLFFISH
 RANGE - MASSACHUSETTS AND MAINE
 GEAR - OTTER TRAWLS, LONGLINES

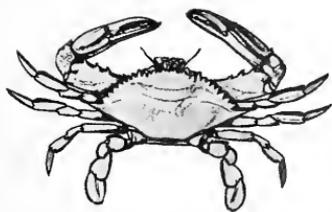


YELLOW PERCH
 RANGE - GREAT LAKES, OTHER LAKES
 GEAR - GILL NETS, TRAP NETS, POUND NETS,
 FYKE NETS

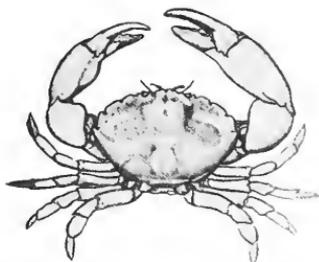


YELLOW PIKE
 RANGE - GREAT LAKES
 GEAR - POUND NETS, FYKE NETS, GILL NETS,
 TRAP NETS

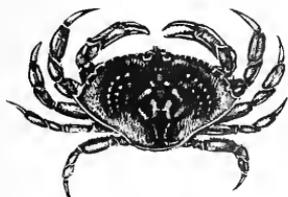
PICTORIAL SECTION



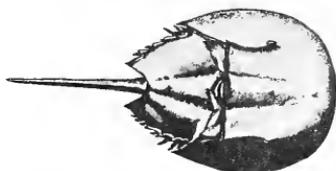
BLUE CRAB
RANGE - TEXAS TO RHODE ISLAND
GEAR - TROT LINES, POTS, FYKE NETS, DIP NETS,
SCRAPES, DREDGES



STONE CRAB
RANGE - FLORIDA
GEAR - DIP NETS, CRAB POTS



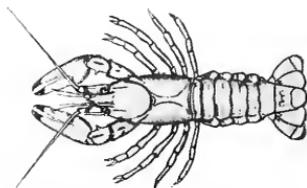
DUNGENESS CRAB
RANGE - PACIFIC COAST STATES AND ALASKA
GEAR - TRAPS



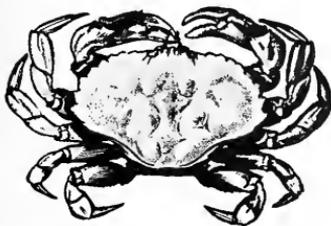
HORSESHOE CRAB
RANGE - MARYLAND TO NEW YORK
GEAR - POUND NETS, WEIRS, BY HAND



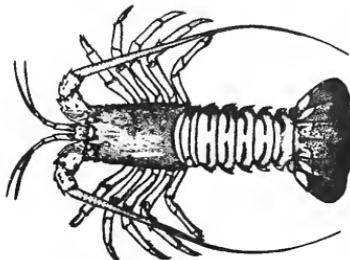
KING CRAB
RANGE - ALASKA
GEAR - OTTER TRAWLS



FRESH-WATER CRAWFISH
RANGE - RIVERS AND LAKES
GEAR - POTS

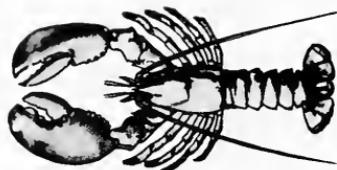


ROCK CRAB
RANGE - NEW ENGLAND
GEAR - POTS



SPINY LOBSTER
RANGE - CALIFORNIA AND FLORIDA
GEAR - DIP NETS, POTS, HOOKS

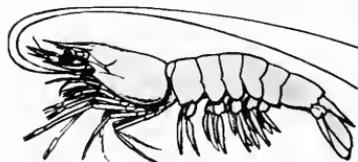
PICTORIAL SECTION



LOBSTER, NORTHERN
 RANGE - VIRGINIA TO MAINE
 GEAR - POTS, OTTER TRAWLS



HARD CLAM
 RANGE - FLORIDA TO MAINE
 GEAR - HOES, DREDGES, TONGS, RAKES, BY HAND



SHRIMP
 RANGE - TEXAS TO NORTH CAROLINA, MAINE,
 CALIFORNIA, WASHINGTON, AND ALASKA
 GEAR - SHRIMP TRAWLS



RAZOR CLAM, PACIFIC
 RANGE - OREGON, WASHINGTON AND ALASKA
 GEAR - SHOVELS



BUTTER CLAM
 RANGE - PACIFIC COAST
 GEAR - SHOVELS



SOFT CLAM
 RANGE - MIDDLE ATLANTIC TO NEW ENGLAND,
 PACIFIC COAST STATES
 GEAR - FORKS, HOES, RAKES, DREDGES



LITTLE NECK CLAM
 RANGE - PACIFIC COAST
 GEAR - SHOVELS



CONCH
 RANGE - FLORIDA TO MAINE
 GEAR - OTTER TRAWLS, DREDGES, POTS, AND BY HAND



LIMPET
 RANGE - NEW YORK AND NEW ENGLAND
 GEAR - DREDGES



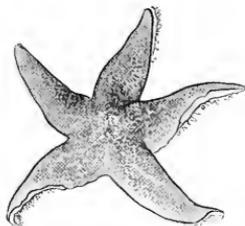
SEA SCALLOP
 RANGE - NEW JERSEY TO MAINE
 GEAR - DREDGES, OTTER TRAWLS



FRESH-WATER MUSSEL
 RANGE - FRESH-WATER STREAMS
 GEAR - CROWFOOT BARS, PICKS, HAND



SEA MUSSEL
 RANGE - NORTH CAROLINA TO MAINE
 GEAR - DREDGES, TONGS, RAKES, HAND



STARFISH
 RANGE - ATLANTIC AND PACIFIC COAST
 GEAR - HOOKS, SCRAPES, "MOPS"



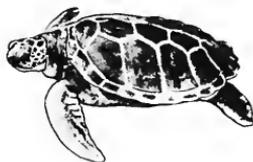
OYSTER
 RANGE - TEXAS TO MASSACHUSETTS, PACIFIC COAST
 GEAR - TONGS, DREDGES, RAKES, BY HAND



TERRAPIN
 RANGE - TEXAS TO NEW JERSEY
 GEAR - HAUL SEINES, BY HAND

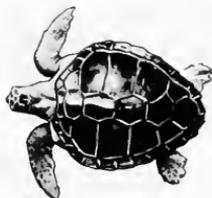


BAY SCALLOP
 RANGE - FLORIDA TO MASSACHUSETTS, WASHINGTON
 GEAR - DREDGES, SCRAPES, PUSH NETS, TONGS, RAKES,
 DIP NETS



GREEN TURTLE
 RANGE - FLORIDA
 GEAR - GILL NETS

PICTORIAL SECTION



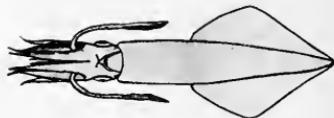
LOGGERHEAD TURTLE
 RANGE - FLORIDA TO NEW JERSEY
 GEAR - GILL NETS



FRDG
 RANGE - FRESH-WATER, MARSHES, POND
 GEAR - SPEARS, GRABS



HAWKSBILL TURTLE
 RANGE - GULF OF MEXICO, AND ATLANTIC COAST
 TO NEW YORK
 GEAR - BY HAND, POUND NETS



SQUID
 RANGE - VIRGINIA TO MAINE, CALIFORNIA AND
 WASHINGTON
 GEAR - LAMPARA NETS, GILL NETS, OTTER TRAWLS,
 POUND NETS



SOFT-SHELL TURTLE
 RANGE - LAKES AND RIVERS
 GEAR - HAUL SEINES, FLYE NETS, POTS



SPONGE
 RANGE - FLORIDA
 GEAR - HDCKS, DIVING OUTFITS



IRISH MOSS
 RANGE - NEW ENGLAND
 GEAR - RAKES

SECTION 16 - STATISTICAL PUBLICATIONS

THE FOLLOWING LIST OF PUBLICATIONS INCLUDES ALL REPORTS ISSUED IN THE CURRENT FISHERY STATISTICS SERIES DURING 1962.

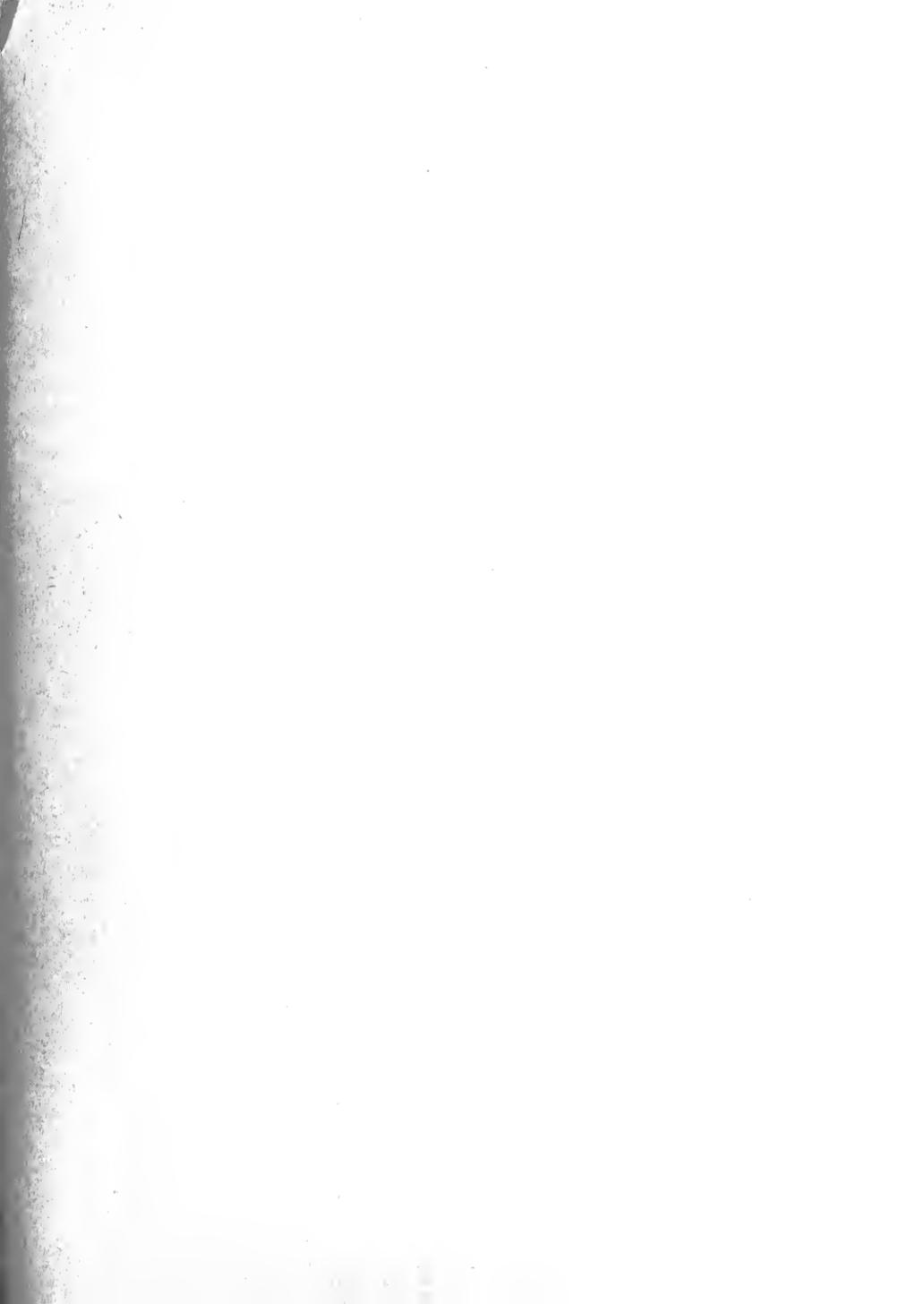
C. F. S. NO.	TITLE	C. F. S. NO.	TITLE
2752	FISH MEAL AND OIL, OCTOBER, 1961	2830	MASSACHUSETTS LANDINGS, NOVEMBER, 1961
2753	GEORGIA LANDINGS, SEPTEMBER, 1961	2831	VIRGINIA LANDINGS, ANNUAL, 1961
2754	GEORGIA LANDINGS, OCTOBER, 1961	2832	NORTH CAROLINA LANDINGS, ANNUAL, 1961
2755	SOUTH CAROLINA LANDINGS, OCTOBER, 1961	2833	MAINE LANDINGS, JANUARY, 1961
2756	FLORIDA LANDINGS, OCTOBER, 1961	2834	MISSISSIPPI LANDINGS, DECEMBER, 1961
2757	MICHIGAN LANDINGS, OCTOBER, 1961	2835	NORTH CAROLINA LANDINGS, JANUARY, 1962
2758	FROZEN FISH REPORT, NOVEMBER, 1961	2836	GEORGIA LANDINGS, JANUARY, 1962
2759	WISCONSIN LANDINGS, OCTOBER, 1961	2837	MICHIGAN LANDINGS, JANUARY, 1962
2760	MANUFACTURED FISHERY PRODUCTS, ANNUAL, 1960	2838	SOUTH CAROLINA LANDINGS, JANUARY, 1962
2761	LOUISIANA LANDINGS, AUGUST, 1961	2839	FROZEN FISH REPORT, FEBRUARY, 1962
2762	NEW JERSEY LANDINGS, OCTOBER, 1961	2840	SHRIMP LANDINGS, NOVEMBER, 1961
2763	NEW ENGLAND FISHERIES, ANNUAL, 1960	2841	TEXAS LANDINGS, DECEMBER, 1961
2764	VIRGINIA LANDINGS, OCTOBER, 1961	2842	WISCONSIN LANDINGS, JANUARY, 1962
2765	TEXAS LANDINGS, SEPTEMBER, 1961	2843	FLORIDA LANDINGS, JANUARY, 1962
2766	NEW YORK LANDINGS, OCTOBER, 1961	2844	MASSACHUSETTS LANDINGS, DECEMBER, 1961
2767	MASSACHUSETTS LANDINGS, SEPTEMBER, 1961	2845	FISH MEAL AND OIL, JANUARY, 1962
2768	MISSISSIPPI LANDINGS, SEPTEMBER, 1961	2846	ALABAMA LANDINGS, JANUARY, 1962
2769	WISCONSIN LANDINGS, NOVEMBER, 1961	2847	LOUISIANA LANDINGS, DECEMBER, 1961
2770	MINNESOTA LANDINGS, OCTOBER, 1961	2848	NEW JERSEY LANDINGS, ANNUAL, 1961
2771	TEXAS LANDINGS, OCTOBER, 1961	2849	NEW JERSEY LANDINGS, JANUARY, 1962
2772	OHIO LANDINGS, OCTOBER, 1961	2850	NEW YORK LANDINGS, ANNUAL, 1961
2773	ALABAMA LANDINGS, AUGUST, 1961	2851	NEW YORK LANDINGS, JANUARY, 1962
2774	GEORGIA LANDINGS, NOVEMBER, 1961	2852	MISSISSIPPI LANDINGS, JANUARY, 1962
2775	SOUTH CAROLINA LANDINGS, NOVEMBER, 1961	2853	VIRGINIA LANDINGS, JANUARY, 1962
2776	NORTH CAROLINA LANDINGS, NOVEMBER, 1961	2854	GEORGIA LANDINGS, FEBRUARY, 1962
2777	MARYLAND LANDINGS, NOVEMBER, 1961	2855	NORTH CAROLINA LANDINGS, FEBRUARY, 1962
2778	NEW JERSEY LANDINGS, NOVEMBER, 1961	2856	MAINE LANDINGS, BY MONTHS, ANNUAL, 1961
2779	VIRGINIA LANDINGS, NOVEMBER, 1961	2857	MAINE LANDINGS, BY COUNTIES, ANNUAL, 1961
2780	MISSISSIPPI LANDINGS, OCTOBER, 1961	2858	GEORGIA LANDINGS, ANNUAL, 1961
2781	FROZEN FISH REPORT, DECEMBER, 1961	2859	SOUTH CAROLINA LANDINGS, FEBRUARY, 1962
2782	FLORIDA LANDINGS, NOVEMBER, 1961	2860	TEXAS LANDINGS, JANUARY, 1962
2783	RHODE ISLAND LANDINGS, OCTOBER, 1961	2861	PACKAGED FISHERY PRODUCTS, ANNUAL, 1961
2784	FISH MEAL AND OIL, NOVEMBER, 1961	2862	CANNED FISHERY PRODUCTS, ANNUAL, 1961
2785	ALABAMA LANDINGS, SEPTEMBER, 1961	2863	INDUSTRIAL FISHERY PRODUCTS, ANNUAL, 1961
2786	MICHIGAN LANDINGS, NOVEMBER, 1961	2864	MARYLAND LANDINGS, JANUARY, 1962
2787	CALIFORNIA LANDINGS, SEPTEMBER, 1961	2865	FISH MEAL AND OIL, FEBRUARY, 1962
2788	OHIO LANDINGS, NOVEMBER, 1961	2866	CALIFORNIA LANDINGS, DECEMBER, 1961
2789	MAINE LANDINGS, NOVEMBER, 1961	2867	MAINE LANDINGS, FEBRUARY, 1962
2790	CALIFORNIA LANDINGS, OCTOBER, 1961	2868	NEW JERSEY LANDINGS, FEBRUARY, 1962
2791	MINNESOTA LANDINGS, NOVEMBER, 1961	2869	FLORIDA LANDINGS, FEBRUARY, 1962
2792	LOUISIANA LANDINGS, SEPTEMBER, 1961	2870	FROZEN FISH REPORT, MARCH, 1962
2793	ALABAMA LANDINGS, OCTOBER, 1961	2871	VIRGINIA LANDINGS, FEBRUARY, 1962
2794	NEW YORK LANDINGS, NOVEMBER, 1961	2872	MARYLAND LANDINGS, ANNUAL, 1961
2795	PACIFIC COAST FISHERIES, ANNUAL, 1960	2873	RHODE ISLAND LANDINGS, ANNUAL, 1961
2796	GREAT LAKES FISHERIES, ANNUAL, 1960	2874	LOUISIANA LANDINGS, JANUARY, 1962
2797	RHODE ISLAND LANDINGS, NOVEMBER, 1961	2875	RHODE ISLAND LANDINGS, JANUARY, 1962
2798	OHIO LANDINGS, DECEMBER, 1961	2876	MISSISSIPPI LANDINGS, FEBRUARY, 1962
2799	MISSISSIPPI LANDINGS, NOVEMBER, 1961	2877	MASSACHUSETTS LANDINGS, BY PORTS, ANNUAL, 1961
2800	FISH STICKS AND PORTIONS, OCT.-DEC., 1961	2878	MASSACHUSETTS LANDINGS, BY GEAR, AND SUBAREA, ANNUAL, 1961
2801	FISHERIES OF THE UNITED STATES, ANNUAL, 1960	2879	MICHIGAN LANDINGS, FEBRUARY, 1962
2802	MISSISSIPPI RIVER FISHERIES, ANNUAL, 1960	2880	WISCONSIN LANDINGS, FEBRUARY, 1962
2803	NEW JERSEY LANDINGS, DECEMBER, 1961	2881	FISH STICKS AND PORTIONS, JANUARY, FEBRUARY, MARCH, 1962
2804	MARYLAND LANDINGS, DECEMBER, 1961	2882	ALABAMA LANDINGS, FEBRUARY, 1962
2805	LOUISIANA LANDINGS, OCTOBER, 1961	2883	NEW YORK LANDINGS, FEBRUARY, 1962
2806	MASSACHUSETTS LANDINGS, OCTOBER, 1961	2884	SHRIMP LANDINGS, DECEMBER, 1961
2807	ALABAMA LANDINGS, NOVEMBER, 1961	2885	FISH MEAL AND OIL, ANNUAL, 1961
2808	FROZEN FISH REPORT, ANNUAL, 1961	2886	FLORIDA LANDINGS, ANNUAL, 1961
2809	SOUTH CAROLINA LANDINGS, DECEMBER, 1961	2887	LOUISIANA LANDINGS, FEBRUARY, 1962
2810	FROZEN FISH REPORT, JANUARY, 1962	2888	NORTH CAROLINA LANDINGS, MARCH, 1962
2811	MICHIGAN LANDINGS, DECEMBER, 1961	2889	CALIFORNIA LANDINGS, JANUARY, 1962
2812	TEXAS LANDINGS, NOVEMBER, 1961	2890	GEORGIA LANDINGS, MARCH, 1962
2813	FISH MEAL AND OIL, DECEMBER, 1961	2891	SOUTH CAROLINA LANDINGS, MARCH, 1962
2814	VIRGINIA LANDINGS, DECEMBER, 1961	2892	IMPORTS AND EXPORTS OF FISHERY PRODUCTS, ANNUAL, 1957-61
2815	FLORIDA LANDINGS, NOVEMBER, 1961	2893	ALABAMA LANDINGS, ANNUAL, 1961
2816	NEW YORK LANDINGS, DECEMBER, 1961	2894	TEXAS LANDINGS, FEBRUARY, 1962
2817	WISCONSIN LANDINGS, DECEMBER, 1961	2895	RHODE ISLAND LANDINGS, FEBRUARY, 1962
2818	MAINE LANDINGS, DECEMBER, 1961	2896	WISCONSIN LANDINGS, MARCH, 1962
2819	RHODE ISLAND LANDINGS, DECEMBER, 1961	2897	FLORIDA LANDINGS, MARCH, 1962
2820	NORTH CAROLINA LANDINGS, DECEMBER, 1961	2898	ALABAMA LANDINGS, MARCH, 1962
2821	SHRIMP LANDINGS, AUGUST, 1961	2899	FROZEN FISH REPORT, APRIL, 1962
2822	SHRIMP LANDINGS, SEPTEMBER, 1961	2900	FISHERIES OF THE UNITED STATES, ANNUAL, 1961
2823	SHRIMP LANDINGS, DECEMBER, 1961	2901	FISH MEAL AND OIL, MARCH, 1962
2824	ALABAMA LANDINGS, DECEMBER, 1961	2902	MAINE LANDINGS, MARCH, 1962
2825	MINNESOTA LANDINGS, DECEMBER, 1961	2903	NEW YORK LANDINGS, MARCH, 1962
2826	LOUISIANA LANDINGS, NOVEMBER, 1961	2904	MARYLAND LANDINGS, FEBRUARY, 1962
2827	CALIFORNIA LANDINGS, NOVEMBER, 1961		
2828	GEORGIA LANDINGS, DECEMBER, 1961		
2829	SOUTH CAROLINA LANDINGS, ANNUAL, 1961		

STATISTICAL PUBLICATIONS

C. F. S. NO.	TITLE	C. F. S. NO.	TITLE
2905	CALIFORNIA LANDINGS, FEBRUARY, 1962	2982	GEORGIA LANDINGS, JULY, 1962
2906	MISSISSIPPI LANDINGS, ANNUAL, 1961	2983	MISSISSIPPI LANDINGS, JUNE, 1962
2907	VIRGINIA LANDINGS, MARCH, 1962	2984	MARYLAND LANDING, JULY, 1962
2908	ALABAMA LANDINGS, APRIL, 1962	2985	SHRIMP LANDINGS, APRIL, 1962
2909	MISSISSIPPI LANDINGS, MARCH, 1962	2986	FISH MEAL AND OIL, JULY, 1962
2910	NORTH CAROLINA LANDINGS, APRIL, 1962	2987	MIDDLE ATLANTIC FISHERIES, ANNUAL, 1961
2911	NEW JERSEY LANDINGS, MARCH, 1962	2988	NORTH CAROLINA LANDINGS, JULY, 1962
2912	NEW JERSEY LANDINGS, APRIL, 1962	2989	NEW YORK LANDINGS, JULY, 1962
2913	TEXAS LANDINGS, MARCH, 1962	2990	FLORIDA LANDINGS, JULY, 1962
2914	CALIFORNIA LANDINGS, MARCH, 1962	2991	MAINE LANDINGS, JULY, 1962
2915	OHIO LANDINGS, MARCH, 1962	2992	WISCONSIN LANDINGS, JULY, 1962
2916	FISH MEAL AND OIL, APRIL, 1962	2993	TEXAS LANDINGS, JUNE, 1962
2917	MARYLAND LANDINGS, MARCH, 1962	2994	CALIFORNIA LANDINGS, JULY, 1962
2918	GEORGIA LANDINGS, APRIL, 1962	2995	OHIO LANDINGS, JULY, 1962
2919	SOUTH CAROLINA LANDINGS, APRIL, 1962	2996	RHODE ISLAND LANDINGS, JULY, 1962
2920	FROZEN FISH REPORT, MAY, 1962	2997	MISSISSIPPI LANDINGS, JULY, 1962
2921	FLORIDA LANDINGS, APRIL, 1962	2998	VIRGINIA LANDINGS, JULY, 1962
2922	MARYLAND LANDINGS, APRIL, 1962	2999	MASSACHUSETTS LANDINGS, JUNE, 1962
2923	VIRGINIA LANDINGS, APRIL, 1962	3000	FROZEN FISH REPORT, SEPTEMBER, 1962
2924	RHODE ISLAND LANDINGS, MARCH, 1962	3001	ALABAMA LANDINGS, JUNE, 1962
2925	LOUISIANA LANDINGS, MARCH, 1962	3002	ALABAMA LANDINGS, JULY, 1962
2926	OHIO LANDINGS, APRIL, 1962	3003	MICHIGAN LANDINGS, JUNE, 1962
2927	MAINE LANDINGS, APRIL, 1962	3004	LOUISIANA LANDINGS, APRIL, 1962
2928	NEW YORK LANDINGS, APRIL, 1962	3005	DREGON LANDINGS, ANNUAL, 1961
2929	WISCONSIN LANDINGS, APRIL, 1962	3006	WASHINGTON LANDINGS, ANNUAL, 1961
2930	MICHIGAN LANDINGS, MARCH, 1962	3007	MARYLAND LANDINGS, AUGUST, 1962
2931	ALABAMA LANDINGS, MAY, 1962	3008	NORTH CAROLINA LANDINGS, AUGUST, 1962
2932	NORTH CAROLINA LANDINGS, MAY, 1962	3009	SOUTH CAROLINA LANDINGS, AUGUST, 1962
2933	MASSACHUSETTS LANDINGS, JANUARY, 1962	3010	NEW ENGLAND FISHERIES, ANNUAL, 1961
2934	NEW JERSEY LANDINGS, MAY, 1962	3011	GEORGIA LANDINGS, JULY, 1962
2935	SOUTH CAROLINA LANDINGS, MAY, 1962	3012	NEW JERSEY LANDINGS, JULY, 1962
2936	MISSISSIPPI LANDINGS, APRIL, 1962	3013	NEW JERSEY LANDINGS, AUGUST, 1962
2937	FLORIDA LANDINGS, MAY, 1962	3014	WISCONSIN LANDINGS, AUGUST, 1962
2938	RHODE ISLAND LANDINGS, APRIL, 1962	3015	FISH MEAL AND OIL, AUGUST, 1962
2939	WISCONSIN LANDINGS, MAY, 1962	3016	SHRIMP LANDINGS, MAY, 1962
2940	FROZEN FISH REPORT, JUNE, 1962	3017	VIRGINIA LANDINGS, AUGUST, 1962
2941	SHRIMP LANDINGS, JANUARY, 1962	3018	FLORIDA LANDINGS, AUGUST, 1962
2942	GEORGIA LANDINGS, MAY, 1962	3019	MICHIGAN LANDINGS, JULY, 1962
2943	FISH MEAL AND OIL, MAY, 1962	3020	FROZEN FISH REPORT, OCTOBER, 1962
2944	MASSACHUSETTS LANDINGS, FEBRUARY, 1962	3021	SOUTH ATLANTIC FISHERIES, ANNUAL, 1961
2945	MICHIGAN LANDINGS, APRIL, 1962	3022	LOUISIANA LANDINGS, MAY, 1962
2946	OHIO LANDINGS, MAY, 1962	3023	ALABAMA LANDINGS, AUGUST, 1962
2947	MARYLAND LANDINGS, MAY, 1962	3024	FISH STICKS AND PORTIONS, JULY-SEPTEMBER, 1962
2948	TEXAS LANDINGS, APRIL, 1962	3025	NEW YORK LANDINGS, AUGUST, 1962
2949	NEW YORK LANDINGS, MAY, 1962	3026	LOUISIANA LANDINGS, JUNE, 1962
2950	VIRGINIA LANDINGS, MAY, 1962	3027	MISSISSIPPI LANDINGS, AUGUST, 1962
2951	FISH STICKS AND PORTIONS, APRIL - JUNE, 1962	3028	LOUISIANA LANDINGS, JULY, 1962
2952	MAINE LANDINGS, MAY, 1962	3029	TEXAS LANDINGS, JULY, 1962
2953	SHRIMP LANDINGS, FEBRUARY, 1962	3030	TEXAS LANDINGS, AUGUST, 1962
2954	NEW JERSEY LANDINGS, JUNE, 1962	3031	OHIO LANDINGS, AUGUST, 1962
2955	MASSACHUSETTS LANDINGS, MARCH, 1962	3032	ALASKA FISHERIES, ANNUAL, 1961
2956	NORTH CAROLINA LANDINGS, JUNE, 1962	3033	RHODE ISLAND LANDINGS, AUGUST, 1962
2957	SHRIMP LANDINGS, ANNUAL, 1961	3034	NEW JERSEY LANDINGS, SEPTEMBER, 1962
2958	SOUTH CAROLINA LANDINGS, JUNE, 1962	3035	GEORGIA LANDINGS, SEPTEMBER, 1962
2959	RHODE ISLAND LANDINGS, MAY, 1962	3036	MARYLAND LANDINGS, SEPTEMBER, 1962
2960	FROZEN FISH REPORT, JULY, 1962	3037	NORTH CAROLINA LANDINGS, SEPTEMBER, 1962
2961	MISSISSIPPI LANDINGS, MAY, 1962	3038	SHRIMP LANDINGS, JUNE, 1962
2962	MARYLAND LANDINGS, JUNE, 1962	3039	MAINE LANDINGS, AUGUST, 1962
2963	VIRGINIA LANDINGS, JUNE, 1962	3040	FISH MEAL AND OIL, SEPTEMBER, 1962
2964	CALIFORNIA LANDINGS, APRIL, 1962	3041	LOUISIANA LANDINGS, AUGUST, 1962
2965	SHRIMP LANDINGS, MARCH, 1962	3042	SOUTH CAROLINA LANDINGS, SEPTEMBER, 1962
2966	MASSACHUSETTS LANDINGS, APRIL, 1962	3043	CHEESAPEAKE FISHERIES, ANNUAL, 1961
2967	FISH MEAL AND OIL, JUNE, 1962	3044	FLORIDA LANDINGS, SEPTEMBER, 1962
2968	FLORIDA LANDINGS, JUNE, 1962	3045	CALIFORNIA LANDINGS, AUGUST, 1962
2969	MAINE LANDINGS, JUNE, 1962	3046	MISSISSIPPI LANDINGS, SEPTEMBER, 1962
2970	CALIFORNIA LANDINGS, MAY, 1962	3047	RHODE ISLAND LANDINGS, SEPTEMBER, 1962
2971	OHIO LANDINGS, JUNE, 1962	3048	WISCONSIN LANDINGS, SEPTEMBER, 1962
2972	WISCONSIN LANDINGS, JUNE, 1962	3049	VIRGINIA LANDINGS, SEPTEMBER, 1962
2973	MICHIGAN LANDINGS, MAY, 1962	3050	LOUISIANA LANDINGS, SEPTEMBER, 1962
2974	NEW YORK LANDINGS, JUNE, 1962	3051	GULF FISHERIES, ANNUAL, 1961
2975	CALIFORNIA LANDINGS, JUNE, 1962	3052	NEW JERSEY LANDINGS, OCTOBER, 1962
2976	RHODE ISLAND LANDINGS, JUNE, 1962	3053	NEW YORK LANDINGS, SEPTEMBER, 1962
2977	MASSACHUSETTS LANDINGS, MAY, 1962	3054	ALABAMA LANDINGS, SEPTEMBER, 1962
2978	TEXAS LANDINGS, MAY, 1962	3055	GEORGIA LANDINGS, OCTOBER, 1962
2979	SOUTH CAROLINA LANDINGS, JULY, 1962	3056	NORTH CAROLINA LANDINGS, OCTOBER, 1962
2980	FROZEN FISH REPORT, AUGUST, 1962	3057	MAINE LANDINGS, SEPTEMBER, 1962
2981	GEORGIA LANDINGS, JUNE, 1962	3058	MARYLAND LANDINGS, OCTOBER, 1962
		3059	FISH MEAL AND OIL, OCTOBER, 1962

Created in 1849, the Department of the Interior—a department of conservation—is concerned with the management, conservation, and development of the Nation's water, fish, wildlife, mineral, forest, and park and recreational resources. It also has major responsibilities for Indian and Territorial affairs.

As the Nation's principal conservation agency, the Department works to assure that nonrenewable resources are developed and used wisely, that park and recreational resources are conserved for the future, and that renewable resources make their full contribution to the progress, prosperity, and security of the United States—now and in the future.



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