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# FISHERY STATISTICS OF THE UNITED STATES

## 1967



*STATISTICAL DIGEST NO. 61*

UNITED STATES DEPARTMENT OF THE INTERIOR

U.S. FISH AND WILDLIFE SERVICE  
BUREAU OF COMMERCIAL FISHERIES



UNITED STATES DEPARTMENT OF THE INTERIOR

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FISHERY STATISTICS  
OF THE UNITED STATES

1967

BY

Charles H. Lyles

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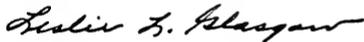


## FOREWARD

"Fishery Statistics of the United States" is a substantial contribution to the recorded history of our domestic fisheries. These volumes delineate the status of the industry at a given time and provide scientists, the industry, the public, and Government agencies data not available from any other source.

A publication such as this could not be compiled without the cooperation and assistance of dedicated people in the States and in the fishing industry. Because over 200 species of fish and shellfish are taken commercially, and because of the myriad of products manufactured from these species, it would be impossible to follow the trends of the industry in detail without adequate statistical data.

For most of the past eighty-eight years the Bureau of Commercial Fisheries and its predecessor agencies have collected, analyzed, published and distributed such information which we regard as a valuable tool for all who are concerned with our fisheries.



Leslie L. Glasgow  
Assistant Secretary for Fish and  
Wildlife, Parks, and Marine Resources



# FISHERY STATISTICS OF THE UNITED STATES, 1967

CHARLES H. LYLES, Chief,

Division of Statistics and Market News  
Office of the Assistant Director for Economics

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## ACKNOWLEDGMENTS

The data in this edition of "Fishery Statistics of the United States" were collected and tabulated by the staff of the Division of Statistics and Market News under the direction of Charles H. Lyles. The material was prepared for publication by Thelma I. Bell. Field surveys were supervised by the various regional and area offices. Project leaders in charge of field surveys were: Dwight L. Hoy, New England, Middle Atlantic and Chesapeake States; George W. Snow, South Atlantic and Gulf States; Lester A. Keilman, California; Victor J. Samson, Washington and Oregon; William K. Evans, Alaska; Howard J. Buettner, Great Lakes and Mississippi River States; and Thomas S. Hida, Hawaii.

The cooperation of the many contributors is gratefully acknowledged. Contributors 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 1967 collected by the Division of Statistics and Market News. These statistics include data on the volume and value of the landings 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 processed 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 landings of fish, shellfish, etc., are shown for States having commercial fisheries. There is also information on the pack of canned tuna and industrial products for Puerto Rico and American Samoa included in the processed products tables. In Section 11, Puerto Rico landing data are also shown.

In all of the landing tables in this report, except the one on page 31 entitled, "U.S. Landings, 1967 - 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, scallops, etc.) represent the weights of meats, excluding the shell. The weight of shells omitted from the catch in 1967 amounted to about 1.3 billion pounds. It should be noted, however, that the table on page 32 "World Landings of Fish, Crustaceans, Mollusks, Etc., by Countries" is shown on a live weight basis.

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 1967. 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 each year since 1962.

# SECTION 1 - GENERAL REVIEW

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The commercial fisheries of the United States yielded a harvest of 4.1 billion pounds of fish, shellfish, and other aquatic life worth \$439.6 million to the fishermen--a decline of 311.3 million pounds and \$32.8 million compared with the previous year. A record harvest of shrimp, bonito, striped bass, alewives, king mackerel, thread herring, and Pacific hake was offset by a substantial loss in landings of salmon, menhaden, haddock, and king crabs. Record values were received for shrimp, northern lobsters, clams, catfish and bullheads, striped bass, and a number of other lesser species, but the value of salmon, menhaden, and flounders declined.

Fishermen took 858.2 million pounds of shellfish worth \$229.7 million, an average of about 27 cents per pound--compared with 25 cents in 1965 and 1966. Shellfish accounted for 52 percent of the value but only 21 percent of the volume of U.S. landings. In the Middle Atlantic, Chesapeake, South Atlantic, and Gulf States the value of shellfish exceeded the value of the finfish.

Disposition of catch. In 1967, as in the previous year, landings used for human food (2.4 billion pounds) exceeded the quantity taken for industrial products (1.7 billion pounds). The latter include the items processed into meal, oil, and solubles; used for bait; fed to fur bearing animals and pets; and manufactured into such items as shell buttons, and pearl essence and novelties. Bureau statisticians estimate that the 1967 catch was used as follows: 2,368 million pounds (round weight) for human food--of which 1,452 million were used fresh and frozen, 839 million were canned, and 77 million were cured; 285 million were used for bait and animal food--of which 123 million were fresh and frozen and 162 million were canned; and 1,402 million pounds which were processed into industrial products (principally meal, oil, and solubles).

Per capita consumption. The per capita consumption of commercially caught fish and shellfish in the United States was 10.8 pounds (edible weight)--the same as in the previous year.

Per capita consumption of commercially caught  
fish and shellfish, 1961-67  
(EDIBLE WEIGHT)

YEAR	POUNDS	YEAR	POUNDS
1961 . . . . .	10.7	1965 . . . . .	10.9
1962 . . . . .	10.6	1966 . . . . .	10.8
1963 . . . . .	10.6	1967 . . . . .	10.8
1964 . . . . .	10.5		

Principal States. Louisiana again led the Nation in volume of landings with 646.6 million pounds--16 percent of the U.S. catch. California was next with 507 million pounds, followed by Alaska, 361.3 million; Virginia, 347.7 million; and Massachusetts, 345.6 million pounds. These five States had 54 percent of the U.S. landings.

California led all States in exvessel value of landings with \$51.4 million--12 percent of the value of the Nation's catch. Texas was next with \$49.9 million, followed by Alaska, \$47.8 million; Massachusetts, \$39.1 million; and Louisiana, \$38.3 million. These five States accounted for 52 percent of the exvessel value of landings.

Principal ports. San Pedro, Calif., led all ports in volume of landings with 310.2 million pounds. Pascagoula, Miss., was next with 213.5 million pounds, followed by Cameron, La., 182.6 million; Beaufort, N.C., 151.4 million; and Reedville, Va., 143.5 million pounds. Boston, Mass., continuing the downward trend of recent years was 11th in volume of landings. In 1932, it was the Nation's leading port.

Processed products. The production of processed fishery products (canned, packaged fresh and frozen, cured, and industrial) in the United States, American Samoa, and Puerto Rico was worth \$1.2 billion in 1967--only 1 percent less than the record value of the previous year. Packaged fresh and frozen products were 47 percent of the total value; canned, 43 percent; and industrial and cured, 5 percent each. The Pacific Coast States led with products valued at \$392.7 million; followed by the Gulf States, \$250 million; New England, \$169 million; and Middle Atlantic, \$102.8 million. In 1967, the 4,053 wholesaling and processing establishments had 88,624 employees.

# GENERAL REVIEW

Menhaden. The menhaden production of 1,164 million pounds was 144 million (11 percent) less than in the previous year and far below the record harvest of 2,348 million pounds in 1962. Since that year, landings have trended downward--especially in Atlantic waters which in the past produced about two to three times more menhaden annually than the Gulf of Mexico. Beginning in 1963, the yield from Gulf waters has exceeded Atlantic coast landings. The latter were 463.6 million pounds in 1967--a sharp decline from the record Atlantic coast production of 1.5 billion pounds taken in 1956.

The decline of the menhaden fishery was reflected in the domestic production of meal and oil. The menhaden meal production of 119,100 tons declined 12 percent and the menhaden oil production (101.4 million pounds), 30 percent compared with the previous year. The total domestic production of fish meal (principally menhaden) was 211,200 tons--a decline of 6 percent compared with a year ago. Imports of fish meal, however, were a record 651,500 tons--76 percent of the U.S. total production and imports.

The price of menhaden meal averaged \$153 per ton in January 1967, and \$154 per ton in February and March--the highest price per ton reached during the year. By midyear the price had declined to \$139 per ton and by December was at the low point for the year--an average of \$131.60 per ton.

Prices for Peruvian fish meal (principally anchoveta) were somewhat less than for menhaden meal. In November and December 1967, the average price per ton was \$121--the lowest since September 1963.

In 1967, menhaden oil prices averaged considerably less than in the previous year. The average monthly price declined from 8.9 cents per pound in January to 6.0 cents during the last 3 months of the year. This was the lowest price since May 1963 when the average price was 5.6 cents per pound.

Tuna. Landings of tuna by the U.S. fleet at ports in continental United States and Hawaii were 328.4 million pounds worth \$44.2 million--an increase of 59.2 million pounds but a decline of nearly \$700,000 compared with the previous year. Increased landings of albacore, skipjack, and yellowfin tunas accounted for the greater volume. The lower value resulted from a decline in the price paid to fishermen for bluefin, skipjack, and yellowfin tunas. Bluefin landings and value declined sharply--the average price per pound was about 3 cents less than in 1966. Landings of skipjack more than doubled the catch of the previous year, but the average price per pound decreased somewhat more than 3 cents. Yellowfin landings also increased markedly, but the average price per pound declined about 4 cents compared with a year ago. Albacore was the only species with a gain in both volume of landings and in the average price paid per pound--the latter increased from 18-1/2 cents in 1966 to nearly 20 cents in 1967.

Despite greater landings, the pack of canned tuna (19,681,600 standard cases) declined about 1 percent compared with a year earlier. The decline occurred principally because imports of fresh and frozen tuna (including cooked loins and discs) were less than in 1966.

Per capita consumption of canned tuna, which was 1.6 pounds in 1957, reached 2.3 in 1966 and increased to 2.4 pounds in 1967.

Shrimp. The production of 307.8 million pounds of shrimp (heads-on) worth \$103.5 million established both volume and value records. The domestic shrimp fishery was the first to exceed \$100 million in exvessel value. The record landings supplied only 48 percent of the total quantity available for consumption. The rest was supplied by record imports.

The Gulf States accounted for 73 percent of the U.S. production. Along the Gulf coast exvessel prices for shrimp increased during the first part of 1967. Soon after the brown shrimp season opened in Louisiana (May 15), however, it was apparent that a bumper crop was available for harvest. As a result, prices weakened and broke sharply in early July. Compared with 1966, the price for small shrimp declined about 40 cents; for medium, about 35 cents; and for large, about 15 cents between late May and August. As the season progressed, catches continued at a record pace. Later on, however, prices reversed the downward trend and recovered. By the end of the year, fishermen again received record prices for large shrimp.

# GENERAL REVIEW

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Cold storage holdings continued to increase during the year despite a high rate of consumption. Holdings on January 1, 46.7 million pounds (product weight) were 5.2 million pounds higher than a year earlier; and the trend continued until they were about 20 million pounds greater by the end of the year. This growth in holdings may have contributed to the price break early in July.

Almost every segment of the shrimp industry prospered in 1967. Despite the record supplies, prices soared to new peaks. Fresh and frozen (raw, headless and peeled and deveined), canned, and cured shrimp were especially in demand. Only breaded shrimp products did not exceed the production of the previous year. The production of fresh and frozen raw, headless shrimp increased from 62.2 million pounds in 1966 to 101.1 million pounds in 1967. Peeled and deveined shrimp production (39.3 million pounds) increased 9.2 million pounds compared with a year earlier--thus following the trend of the past decade. The pack of canned shrimp was 2,496,400 standard cases worth \$24.3 million--nearly 400,000 cases and \$2.4 million more than in 1966. The production in the Atlantic and Gulf States (2,013,700 cases) was 107,400 cases more than a year ago; on the Pacific coast, the pack of 482,700 cases was more than double that of the previous year. However, the 94.2-million-pound production of breaded shrimp represented a decline of about 10 percent compared with 1966.

A record-breaking year caused South Atlantic and Gulf shrimp fishermen to be optimistic about the future and encouraged a boom in fishing vessel construction. A total of 498 new vessels was added to the South Atlantic and Gulf fishing fleets. Most of the vessels entered the shrimp fishery either in these areas or at foreign ports in the Caribbean Sea.

Crabs. Landings of crabs, all species, were 322.2 million pounds valued at \$32.3 million--a decline of 50.2 million pounds and \$716,000 compared with the previous year. The decline was the second reversal of the upward trend of crab landings since 1958. Compared with 1966, hard blue crabs declined 21.8 million pounds and king crabs, 31.5 million pounds. The Dungeness crab harvest, however, was 2.7 million pounds more than a year ago.

Most of the decline in hard blue crabs occurred in the Chesapeake Bay where landings decreased from 94.1 million pounds in 1966 to 79.4 million in 1967. The reasons for this decline are not understood, but there is a possibility that heavy rainfall, with the subsequent runoff of the Potomac River, may have caused excessive mortality among the young crab population. Compared with the previous year, landings in the Middle Atlantic States declined about 500,000 pounds, and in the South Atlantic and Gulf States, slightly more than 3 million pounds each. In the Gulf States, the decline was caused primarily by such an unusual abundance of shrimp that fishermen turned from the crab fishery to the more lucrative shrimp fishery.

Salmon. Landings of 218.2 million pounds worth \$48.7 million were 169.5 million pounds (44 percent) and \$24.9 million (34 percent) less than in the previous year. The marked decline was caused principally by a sharp decrease in the Alaska production. All species in Alaska, except chinook, declined in both volume and value.

The pack of canned salmon, 2,072,345 standard cases, was 2,285,170 cases less than in 1966, and one of the smallest packs since the turn of the century. The value of the pack was \$76.1 million in 1967--compared with a record \$136.1 million in 1966. Alaska accounted for 71 percent of the volume and 68 percent of the value of the pack.

Despite this decline in the domestic pack, imports of canned salmon were 79 percent less than in the previous year. Exports remained about the same as a year earlier.

Flounders. The flounder production of 158.7 million pounds worth \$17.3 million declined 15.9 million pounds and \$2.9 million compared with the volume and record value of the previous year. The decline occurred principally in yellowtail flounder landings in New England, mostly at New Bedford, Mass. Landings of flounders on the Pacific coast (46.2 million pounds) were about the same as a year earlier.

Imports of flounder fillets (33.3 million pounds) were second only to the record imports of 1966.

# GENERAL REVIEW

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Alewives. The alewife production was a record 101.1 million pounds--13.7 million more than in 1966, and 11.1 million pounds greater than in 1968, the former record year. The major increase was in the Great Lakes where alewives, taken entirely in Lake Michigan, accounted for 50 percent of the U.S. landings in that area. Smaller increases occurred in South Atlantic and Chesapeake waters. Landings declined in the New England and Gulf States, and were down sharply in the Middle Atlantic area.

Haddock. Landings of 98.5 million pounds of haddock worth \$11.1 million were 33.8 million pounds (26 percent) and \$2.8 million (20 percent) less than in the previous year. Massachusetts ports, principally Boston, Gloucester, and New Bedford, accounted for 97 percent of the landings; and Maine ports, most of the remaining 3 percent. Vessels from other ports, primarily Gloucester, continued to support the industry at Boston, once the principal haddock port.

Sea herring. Landings of sea herring in the Atlantic (69.9 million pounds) declined 3 percent and in the Pacific (18.3 million pounds), 24 percent compared with the previous year. In Maine, where herring are used for canning sardines, landings of 64.6 million pounds were 11 percent more than in 1966. Imports of sea herring into Maine ports from Canada were 120.2 million pounds--34.4 million less than a year ago.

The pack of Maine sardines was 1,250,400 standard cases worth \$13.9 million--a decline of 82,100 cases but an increase of \$1.6 million compared with the previous year. The value was the highest since 1962. The market demand for canned sardines was good throughout the year, and prices remained high. The inventory of Maine sardines in packers' hands at the end of 1967 was the smallest in recent years.

Ocean perch. Atlantic ocean perch landings of 71.4 million pounds worth \$2.8 million were 10.1 million pounds and \$626,000 less than in the previous year. The catch was the smallest since 1938. The production declined in both Maine and Massachusetts. Ocean perch were relatively plentiful in both the Gulf of St. Lawrence and the Gulf of Maine, but the Nova Scotia banks were not as productive as in former years.

Landings of Pacific ocean perch were 15.4 million pounds worth \$861,000--a decline of 6.4 million pounds and \$244,000 compared with 1966.

Oysters. Landings of 60 million pounds of oyster meats worth \$32.2 million were 8.7 million pounds and \$4.9 million more than in 1966. Substantial gains in the Chesapeake and Gulf States harvest accounted largely for the increase. Oyster reefs in Gulf waters appeared to have recovered almost completely from the devastating effects of the 1965 hurricane.

Halibut. Halibut landings by the combined United States and Canadian fleets were 55.5 million pounds (dressed weight)--6.8 million pounds less than in the previous year. For the first time in 4 years, landings made by United States fishermen exceeded those of the Canadian fleet. U.S. landings of 29.9 million pounds were 54 percent of the 1967 production. It was the first time since 1947 that fishermen did not reach the catch quota set by the International Pacific Halibut Commission. The smaller harvest resulted partly from a tieup of the Canadian fleet during May, a month of high production, and partly from a sharp decline in exvessel prices that caused many fishermen to fish for the more profitable salmon and tuna. U.S. Pacific halibut landings of 39.8 million pounds (round weight) were worth \$6.4 million--a decline of 548,000 pounds and \$3.3 million compared with 1966. Principal cause of the price decline was imports of flounders from eastern Canada that were sold as "Greenland halibut" at about one-third the price of Pacific halibut.

Lobsters. Northern lobster landings were 26.7 million pounds worth a record \$22.4 million--a decline of 2.8 million pounds but a gain of \$123,000 compared with the previous year. The United States domestic catch of northern lobsters plus imports from Canada decreased from 46.6 million pounds in 1966 to 42.3 million in 1967--the smallest supply available in many years. The decline in the overall lobster catch, combined with increased market demand, resulted in sustained high prices.

Mackerels. The mackerel fishery extends along the Atlantic, Gulf, and Pacific coasts and includes Atlantic, king, spanish, and Pacific mackerels. Landings of Atlantic mackerel were 8.5 million pounds--a gain of 42 percent compared with 1966. King mackerel landings were a record 6.1 million pounds worth a record \$854,000--35 percent more in volume and 29 percent in value than in the previous year. The production of spanish mackerel was 7.9 million pounds worth \$787,000--a decline of 17 percent in volume and 27 percent in value compared with a year ago. Pacific mackerel landings were 1.2 million pounds--a 75-percent decline compared with 1966.

# GENERAL REVIEW

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Sea scallops. The harvest of 10.2 million pounds of sea scallop meats worth \$7.8 million was 36 percent less in volume but 2 percent more in value than in the previous year. Imports (principally from Canada) declined from 16.7 million pounds in 1966 to 13.5 million in 1967; and the total quantity of sea scallops available in the United States (23.7 million pounds) declined 9 million pounds compared with a year earlier.

Whales. Three whaling vessels operated--two less than in the previous year. Only one station, located in California, was active in 1967. There were 247 whales taken--an increase of 21 compared with 1966. The catch included 99 gray whales and 50 sperm whales taken under a special scientific permit.

Fishery imports. Fishery products imported for consumption were worth \$707.9 million--\$11.8 million less than in the previous year. Imports of edible fishery products were 1.5 billion pounds worth \$536.3 million--a decline of 123.3 million pounds and \$29.8 million compared with a year ago. Smaller imports of fresh and frozen sea herring, tuna (including loins and discs), halibut, groundfish fillets and steaks, sea scallop meats, canned sardines not in oil, and pickled or salted fish were the principal cause of the decline. Important edible items received in greater volume than in 1966, were fresh or frozen shrimp products and oyster meats, canned sardines in oil, canned tuna in brine, and canned oysters and oyster juice. Record shrimp receipts of 186.1 million pounds worth \$150.8 million (including fresh or frozen, canned, and cured) entered U.S. ports in 1967. Shrimp was the major item imported with respect to value--accounting for 28 percent of the value of imported edible items.

Imports of nonedible fishery products were worth \$169.6 million--a 12-percent gain compared with the previous year. The increase occurred mainly in imports of fish meal and scrap.

U.S. supply. The total quantity of fishery products available in the United States (domestic landings plus imports) on a live-weight basis increased from 12.5 billion pounds in 1966 to a record 14 billion in 1967, principally because of increased imports of fish meal. U.S. landings were 4.1 billion pounds--compared with 4.4 billion in the previous year. Imports of 8.1 billion pounds in 1966 increased to a record 9.9 billion in 1967 and accounted for 71 percent of the total quantity available. A year ago, imports were 65 percent of the total. The quantity of edible fishery products available was 4.8 billion pounds--imports accounted for 51 percent of this amount.

World landings. World commercial landings of fish, crustaceans, mollusks, and other aquatic life were a record 133.4 billion pounds (live weight)--7 percent more than in the previous year. Peru was leader in world volume for the sixth consecutive year, followed by Japan, China (Mainland), Union of Soviet Socialist Republics, Norway, and the United States. For the second consecutive year, the United States ranked sixth among the fishing nations of the world.

Other information. Detailed summaries of the landings and operating unit data for the United States have been previously published in Current Fishery Statistics No. 5134.

Summaries of operating unit and landings 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 landings, per capita consumption, price indexes, foreign trade, supplies, etc.; and comparative data for previous years. This publication may be obtained from the Bureau of Commercial Fisheries, Branch of Reports, 1801 N. Moore Street, Arlington, Virginia 22209.

# GENERAL REVIEW

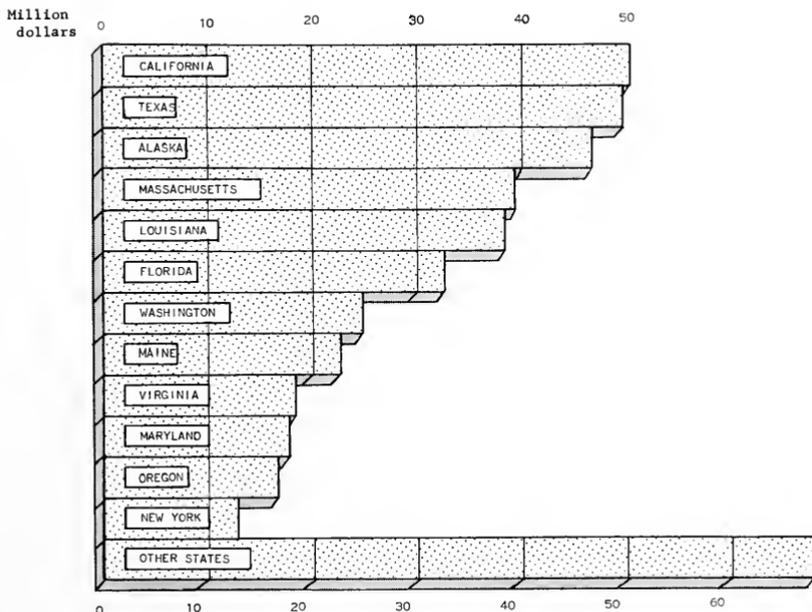
## LANDINGS OF FISH AND SHELLFISH, 1945-67

(ROUND WEIGHT BASIS)

YEAR	LANDINGS FOR HUMAN FOOD	LANDINGS FOR INDUSTRIAL PRODUCTS 1/	TOTAL		AVERAGE PRICE PER POUND
			MILLION POUNDS	MILLION DOLLARS	CENTS
1945	3,167	1,431	4,598	270	5.87
1946	3,049	1,418	4,467	313	7.01
1947	3,020	1,329	4,349	312	7.16
1948	3,146	1,367	4,513	371	8.22
1949	3,305	1,499	4,804	343	7.13
1950	3,307	1,594	4,901	347	7.09
1951	3,048	1,385	4,433	365	8.23
1952	2,778	1,654	4,432	364	8.20
1953	2,519	1,968	4,487	356	7.94
1954	2,705	2,057	4,762	359	7.55
1955	2,579	2,230	4,809	339	7.05
1956	2,690	2,578	5,268	372	7.06
1957	2,475	2,314	4,789	354	7.39
1958	2,651	2,096	4,747	373	7.86
1959	2,369	2,753	5,122	346	6.76
1960	2,488	2,444	4,942	354	7.15
1961	2,490	2,697	5,187	362	6.98
1962	2,540	2,814	5,354	396	7.40
1963	2,556	2,291	4,847	377	7.78
1964	2,497	2,044	4,541	369	8.57
1965	2,587	2,190	4,777	446	9.34
1966	2,572	1,794	4,366	472	10.81
1967	2,368	1,687	4,055	440	10.85

1/ MANUFACTURED INTO MEAL, OIL, FISH SOLUBLES, HOMOGENIZED CONDENSED FISH, SHELL PRODUCTS, AND USED AS BAIT AND ANIMAL FOOD. NOTE:--DOES NOT INCLUDE DATA ON THE HAWAII LANDINGS PRIOR TO 1948.

## RELATIVE VALUE OF THE LANDINGS BY STATES, 1967



## GENERAL REVIEW

## SUMMARY OF LANDINGS, 1967

(MILLIONS OF POUNDS AND MILLIONS OF DOLLARS)

REGION	FISH		SHELLFISH, ETC.		WHALE PRODUCTS		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
NEW ENGLAND . . . . .	567	36	58	35	-	-	625	71
MIDDLE ATLANTIC . . . . .	100	6	62	17	-	-	162	23
CHESAPEAKE . . . . .	302	8	120	28	-	-	422	36
SOUTH ATLANTIC . . . . .	288	11	65	14	-	-	353	25
GULF . . . . .	900	24	281	104	-	-	1,181	128
PACIFIC . . . . .	873	110	255	30	7	(1)	1,135	140
GREAT LAKES . . . . .	84	6	-	-	-	-	84	6
MISSISSIPPI RIVER AND TRIBUTARIES . . . . .	64	6	17	2	-	-	81	8
HAWAII . . . . .	12	3	(1)	(1)	-	-	12	3
TOTAL . . . . .	3,190	210	858	230	7	(1)	4,055	440

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

## SUMMARY OF OPERATING UNITS, 1967

ITEM	NEW ENGLAND	MIDDLE ATLANTIC	CHESAPEAKE	SOUTH ATLANTIC	GULF
FISHERMEN:					
ON VESSELS . . . . .	3,847	2,336	4,137	3,367	12,671
ON BOATS AND SHORE . . . . .	14,196	6,075	14,056	6,657	13,252
TOTAL . . . . .	18,043	8,411	18,193	10,054	25,923
VESSELS:					
MOTOR . . . . .	714	551	1,375	1,152	3,968
GROSS TONNAGE . . . . .	48,350	26,742	27,782	47,292	200,916
SAIL . . . . .	-	-	44	-	-
GROSS TONNAGE . . . . .	-	-	555	-	-
TOTAL VESSELS . . . . .	714	551	1,419	1,152	3,968
TOTAL GROSS TONNAGE . . . . .	48,350	26,742	28,337	47,292	200,916
BOATS:					
MOTOR . . . . .	9,294	4,464	10,722	5,574	10,600
OTHER . . . . .	354	328	707	247	248
GEAR:					
HAUL SEINES . . . . .	19	54	247	174	138
STOP NETS AND SEINES . . . . .	87	-	-	-	-
PURSE SEINES AND LAMPARA NETS:					
HERRING . . . . .	39	-	-	-	3
MACKEREL AND SARDINE . . . . .	2	-	-	-	-
WENHADEN . . . . .	-	15	38	57	84
TUNA . . . . .	6	4	1	-	-
OTHER . . . . .	4	4	-	1	7
SAG NETS . . . . .	22	-	-	118	-
BUTTERFLY NETS . . . . .	-	-	-	-	782
OTTER TRAWLS:					
CRAB . . . . .	-	-	-	538	-
FISH . . . . .	636	283	86	166	100
LOBSTER . . . . .	67	49	11	-	-
SCALLOP . . . . .	-	-	-	23	-
SHRIMP . . . . .	101	-	-	2,400	10,549
WEIRS . . . . .	96	6	-	-	-
POUND NETS . . . . .	31	102	3,860	857	30
FLOATING TRAPS . . . . .	41	-	-	-	-
FYKE AND HOOP NETS . . . . .	-	172	570	561	11,944
POTS AND TRAPS:					
CONCH . . . . .	1,240	175	-	-	-
CRAB . . . . .	560	5,197	203,488	62,345	169,033
CRAWFISH . . . . .	-	-	-	-	13,736
EEL . . . . .	897	1,416	12,214	371	25
FISH . . . . .	-	15,760	5,665	14,060	1,354
LOBSTER . . . . .	890,159	17,797	-	94,125	91,800
SHRIMP . . . . .	-	-	-	-	8
TURTLE . . . . .	-	145	623	-	-
BOX TRAPS . . . . .	6	-	-	-	-
GILL NETS:					
ANCHOR, SET OR STAKE . . . . .	33	126	3,021	2,147	260
DRIFT . . . . .	126	90	1,282	372	22
RUNAROUND . . . . .	-	45	-	375	1,054

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

# GENERAL REVIEW

## SUMMARY OF OPERATING UNITS, 1967 - Continued

ITEM	NEW ENGLAND	MIDDLE ATLANTIC	CHESAPEAKE	SOUTH ATLANTIC	GULF
<b>GEAR - CONTINUED:</b>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>
TRAMMEL NETS . . . . .	-	-	-	84	638
HOOKS AND BAITS . . . . .	536,142	29,632	1,175,267	1,136,170	1,051,672
DIP NETS . . . . .	156	-	158	104	10,165
CAST NETS . . . . .	-	-	-	6	5
HARPOONS . . . . .	64	-	-	-	-
SPEARS . . . . .	71	10	-	102	183
SCRAPES . . . . .	-	-	322	-	-
DREDGES:					
CLAM . . . . .	68	176	258	9	1
CONCH . . . . .	-	5	4	-	-
CRAB . . . . .	-	21	283	-	-
MUSSEL . . . . .	15	-	-	-	-
OYSTER . . . . .	31	71	506	237	1,208
SCALLOP . . . . .	1,250	628	36	275	14
TONGS AND OYSTER GRABS . . . . .	865	2,979	8,490	477	2,234
RAKES . . . . .	1,502	2,509	129	347	-
HOES . . . . .	2,925	42	-	-	-
FORKS . . . . .	17	-	-	-	-
BRUSH TRAPS . . . . .	-	-	-	-	16,600
GRABS, FROG . . . . .	-	-	-	-	56
HOOKS:					
SPONGE . . . . .	-	-	-	29	56
OTHER . . . . .	-	-	-	3	5
DIVING OUTFITS . . . . .	105	-	-	-	9

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>
<b>FISHERMEN:</b>					
ON VESSELS . . . . .	17,506	720	3	237	42,626
ON BOATS AND SHORE . . . . .	20,909	1,306	12,225	440	89,126
TOTAL . . . . .	38,415	2,026	12,228	677	131,752
<b>VESSELS:</b>					
MOTOR . . . . .	5,076	1/ 330	1/ 1	61	12,830
GROSS TONNAGE . . . . .	164,022	6,268	10	1,811	485,718
SAIL . . . . .	-	-	-	-	44
GROSS TONNAGE . . . . .	-	-	-	-	555
TOTAL VESSELS . . . . .	5,076	1/ 330	1/ 1	61	12,874
TOTAL GROSS TONNAGE . . . . .	164,022	6,268	10	1,811	486,273
<b>BOATS:</b>					
MOTOR . . . . .	14,573	914	9,629	305	66,075
OTHER . . . . .	241	59	178	17	2,379
<b>GEAR:</b>					
HAUL SEINES . . . . .	111	81	215	(2)	1,039
STOP NETS AND SEINES . . . . .	-	-	-	-	87
PURSE SEINES AND LAMPARA NETS:					
ANCHOVY . . . . .	67	-	-	-	67
HERRING . . . . .	25	-	-	-	67
MACKEREL AND SAROINE . . . . .	67	-	-	-	69
HEMHADEN . . . . .	-	-	-	-	142
SALMON . . . . .	1,222	-	-	-	1,222
SQUID . . . . .	9	-	-	-	9
TUNA . . . . .	137	-	-	-	143
OTHER . . . . .	8	-	-	-	24
BAG NETS . . . . .	-	-	-	(2)	140
BUTTERFLY NETS . . . . .	-	-	-	-	752
BEAM TRAWLS . . . . .	23	-	-	-	23
OTTER TRAWLS:					
CRAB . . . . .	-	-	-	-	538
FISH . . . . .	230	21	2	-	1,414
LOBSTER . . . . .	-	-	-	-	111
SCALLOP . . . . .	-	-	-	-	23
SHRIMP . . . . .	109	-	-	-	12,765
MID-WATER TRAWLS . . . . .	14	-	-	-	14
WEIRS . . . . .	1	-	56	-	159
FOUND NETS . . . . .	2	376	4	-	5,262
TRAP NETS . . . . .	-	990	235	-	1,225
FLOATING TRAPS . . . . .	-	-	-	-	45
FYKE AND HOOP NETS . . . . .	-	282	57,556	-	71,085

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

## GENERAL REVIEW

## SUMMARY OF OPERATING UNITS, 1967 - Continued

ITEM	PACIFIC	GREAT LAKES	MISSISSIPPI RIVER AND TRIBUTARIES	HAWAII	TOTAL, EX-CLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
GEAR - CONTINUED:					
POTS AND TRAPS:					
CONCH . . . . .	-	-	-	(2)	1,415
CRAB . . . . .	124,072	-	-	-	564,695
CRAMFISH . . . . .	270	-	62,158	-	76,164
EEL . . . . .	-	-	-	(2)	14,923
FISH . . . . .	215	-	4,182	(2)	41,236
LOBSTER . . . . .	15,565	-	-	(2)	1,108,058
OCTOPUS . . . . .	225	-	-	(2)	225
SHRIMP . . . . .	1,790	-	195	-	1,993
TURTLE . . . . .	-	-	-	-	768
BOX TRAPS . . . . .	-	-	-	-	6
WIRE BASKETS . . . . .	-	-	1,929	-	1,929
SLAT TRAPS . . . . .	-	-	1,410	-	1,410
GILL NETS:					
ANCHOR, SET OR STAKE . . . . .	2,460	1,267	5,928	(2)	15,242
DRIFT . . . . .	5,979	-	-	-	7,866
RUNAROUND . . . . .	-	-	-	-	1,469
TRAMMEL NETS . . . . .	16	-	4,031	-	4,769
HOOKS AND BAITS . . . . .	997,799	71,000	4,123,643	(2)	9,109,350
ELECTRICAL DEVICES . . . . .	-	-	-	-	3
DIP NETS . . . . .	14	-	326	-	10,927
BRAIL OR SCOOP NETS . . . . .	255	-	-	-	255
LIFT NETS . . . . .	-	-	-	(2)	(2)
REEF NETS . . . . .	63	-	-	-	63
WHEELS . . . . .	8	-	-	-	8
CAST NETS . . . . .	-	-	-	(2)	11
HARPOONS . . . . .	47	-	-	-	111
SPEARS . . . . .	-	-	-	(2)	366
SCRAPES . . . . .	-	-	-	-	322
DREDGES:					
CLAM . . . . .	1	-	-	-	515
CONCH . . . . .	-	-	-	-	9
CRAB . . . . .	-	-	-	-	304
MUSSEL . . . . .	-	-	680	-	695
OYSTER . . . . .	75	-	-	-	2,125
SCALLOP . . . . .	2	-	-	-	2,270
TONGS AND OYSTER GRABS . . . . .	33	-	50	-	15,128
RAKES . . . . .	-	-	25	-	4,512
HOES . . . . .	-	-	-	-	2,967
FORKS . . . . .	-	-	-	-	17
SHOVELS . . . . .	-	-	-	-	2,019
BRUSH TRAPS . . . . .	2,019	-	-	-	16,600
CROWFOOT BARS . . . . .	-	-	2,935	-	2,985
GRABS, FROG . . . . .	-	-	187	-	243
HOOKS:					
SPONGE . . . . .	-	-	-	-	85
OTHER . . . . .	-	-	-	-	8
DIVING OUTFITS . . . . .	276	-	150	-	540

1/ DATA ON THE ONE VESSEL OPERATED IN LAKE WINNEBAGO ARE INCLUDED IN MISSISSIPPI RIVER AND TRIBUTARIES.

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

# GENERAL REVIEW

## U. S. LANDINGS BY WATERS, FISHERMEN, CRAFT, PLANTS AND EMPLOYMENT, BY STATES, 1967

STATE	MARINE WATERS AND COASTAL RIVERS		LAKES 1/		MISSISSIPPI RIVER AND TRIBUTARIES		TOTAL		FISHERMEN	FISHING CRAFT			WHOLESALE AND MANUFACTURING	
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS		NUMBER	VESSELS	BOATS	PLANTS	AVERAGE EMPLOYEES PER YEAR	NUMBER
ALABAMA									2,023	418	3,662	88	1,747	1,067
ALASKA	26,412	8,300	-	-	5,637	-	32,046	8,890	16,755	2,169	2,772	157	8,214	3,500
ARIZONA	361,345	47,790	-	-	-	-	361,345	47,790	5	-	-	-	-	-
ARKANSAS									3	-	-	-	-	-
CALIFORNIA	506,768	51,394	-	-	21	900	6,391	900	3,332	1,847	2,755	32	55	54
COLORADO	4,865	1,258	-	-	6,391	-	506,968	1,258	9,819	2,317	3,72	191	11,663	9,434
DELAWARE	85	25	-	-	-	-	4,668	609	39	39	39	8	46	40
FLORIDA	196,367	30,770	11,047	2,171	-	-	207,414	32,941	11,041	1,579	5,102	480	5,102	3,644
GEORGIA	16,362	3,655	-	-	-	-	16,362	3,655	1,379	335	5,585	29	2,248	1,869
HAWAII	11,842	3,077	-	-	-	-	11,842	3,077	699	65	322	29	410	359
ILLINOIS	-	-	170	37	3,071	106	3,071	106	191	-	200	91	1,144	1,026
INDIANA	-	-	875	62	2,505	327	3,326	309	943	4	525	25	258	153
IOWA	-	-	-	-	3,326	309	3,326	309	711	4	716	25	258	153
KANSAS	-	-	-	-	50	9	50	9	13	-	13	9	124	120
KENTUCKY	-	-	-	-	3,319	563	3,319	563	814	-	774	15	136	124
LOUISIANA	695,675	37,260	-	-	1,062	-	695,675	37,260	12,529	1,698	6,133	259	5,664	3,527
MAINE	197,438	22,973	-	-	6,896	-	197,438	22,973	9,710	541	7,240	276	4,825	3,524
MARYLAND	74,566	17,356	-	-	-	-	74,566	17,356	7,779	541	7,240	276	4,825	3,524
MASSACHUSETTS	345,621	36,068	-	-	-	-	345,621	36,068	926	167	2,631	263	5,848	4,916
MICHIGAN	29,221	2,846	29,221	2,846	-	-	29,221	2,846	3,757	5	434	29	230	154
MINNESOTA	3,462	215	3,462	215	2,846	215	2,846	215	3,757	5	434	29	230	154
MISSISSIPPI	262,059	8,966	-	-	521	63	262,059	8,966	3,267	545	1,526	77	1,700	1,108
MISSOURI	-	-	-	-	521	63	521	63	13	-	13	37	336	328
MONTANA	-	-	-	-	349	43	349	43	21	-	19	8	41	39
NEBRASKA	1,166	163	-	-	1,166	163	1,166	163	376	-	183	14	243	140
NEVADA	123,688	10,716	-	-	123,688	10,716	123,688	10,716	353	-	353	110	2,373	1,974
NEW JERSEY	-	-	-	-	41	9	41	9	1,524	-	1,524	110	2,373	1,974
NEW MEXICO	-	-	-	-	-	-	-	-	4,902	-	4,902	244	2,757	2,677
NEW YORK	37,509	12,583	538	128	-	-	38,047	12,711	4,902	242	3,095	244	2,757	2,677
NORTH CAROLINA	225,068	8,328	-	-	-	-	225,068	8,328	4,458	446	2,617	170	2,763	1,671
NORTH DAKOTA	-	-	-	-	565	44	565	44	22	-	10	5	26	15
OHIO	9,631	1,064	9,631	1,064	1,013	127	1,013	127	289	46	237	45	524	459
OKLAHOMA	-	-	-	-	1,013	127	1,013	127	1,083	-	1,083	51	3,455	2,771
OREGON	91,632	16,264	478	63	-	-	91,632	16,264	4,575	-	4,568	6	1,304	1,094
PENNSYLVANIA	-	-	-	-	-	-	-	-	31	-	31	51	3,455	2,771
RHODE ISLAND	76,367	5,764	-	-	-	-	76,367	5,764	1,660	120	966	33	301	246
SOUTH CAROLINA	18,968	3,220	-	-	4,268	319	18,968	3,220	1,256	218	966	33	301	246
SOUTH DAKOTA	-	-	-	-	6,679	661	6,679	661	1,159	-	1,141	98	1,32	121
TENNESSEE	1,444	728	-	-	6,679	661	6,679	661	1,159	-	1,141	98	1,32	121
TEXAS	49,722	4,947	49,722	4,947	225	72	139,671	49,047	7,035	1,794	1,383	183	6,335	4,538
UTAH	136,227	16,264	-	-	-	-	136,227	16,264	11	-	4	11	5,946	3,845
VIRGINIA	347,681	18,968	-	-	728	72	347,681	18,968	8,521	895	4,181	183	5,946	3,845
WASHINGTON	174,770	24,919	-	-	-	-	174,770	24,919	10,995	1,412	3,089	169	3,969	2,364
WISCONSIN	-	-	38,900	1,645	678	51,306	41,306	2,325	1,977	1,111	881	75	3,569	491
TOTAL	3,679,374	422,978	94,612	8,221	80,571	6,360	4,054,557	439,579	2/131,732	2/12,674	2/68,454	4,063	88,624	63,125

1/ INCLUDES LANDINGS OF THE GREAT LAKES, THE INTERNATIONAL LAKES OF MINNESOTA, AND THE INLAND LAKES OF FLORIDA.  
2/ EXCLUSIVE OF DUPLICATION.

## GENERAL REVIEW

## LANDINGS BY REGION, 1967

(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										
ALEEVES . . . . .	7,323	114	13	(1)	30,444	611	21,288	374	163	5
AMBERJACK . . . . .	16	3	-	-	-	-	22	1	34	2
ANCHOVIES . . . . .	-	-	-	-	-	-	-	-	-	-
ANGELFISH . . . . .	-	-	-	-	-	-	9	(1)	9	(1)
ANGLERFISH . . . . .	363	28	29	1	5	(1)	6	(1)	141	21
BALLYHOOD . . . . .	-	-	-	-	-	-	-	-	1	(1)
BARRACUDA . . . . .	-	-	-	-	-	-	-	-	-	-
BILLFISH . . . . .	1	(1)	-	-	-	-	-	-	-	-
BLUEFISH . . . . .	211	28	1,052	169	138	16	2,282	254	596	62
BLUE RUNNER . . . . .	-	-	-	-	-	-	57	2	2,493	81
SONITO . . . . .	22	4	14	1	3	(1)	6	(1)	4	(1)
BOWFIN . . . . .	-	-	-	-	-	-	-	-	19	1
BUFFALOFISH . . . . .	-	-	-	-	-	-	-	-	63	-
BUTTERFISH . . . . .	1,361	193	2,432	245	1,155	93	396	17	-	87
CABIO . . . . .	-	-	-	-	3	(1)	19	1	40	3
CARP . . . . .	-	-	125	7	312	9	220	5	25	2
CATFISH AND BULLHEADS	-	-	15	2	1,314	160	15,020	2,820	3,786	1,052
CIGARFISH . . . . .	-	-	-	-	-	-	-	-	563	66
COD . . . . .	43,870	3,306	509	70	21	2	-	-	-	-
CRAPPIE . . . . .	-	-	-	-	3	(1)	-	-	-	-
CREVALLE . . . . .	-	-	-	-	-	-	231	5	611	28
CROAKER . . . . .	-	-	-	-	325	57	1,433	90	770	53
CUNNER . . . . .	(1)	(1)	-	-	-	-	-	-	-	-
CUSK . . . . .	1,717	106	-	-	-	-	-	-	-	-
DOLPHIN . . . . .	-	-	-	-	-	-	35	4	154	15
DRUM:										
BLACK . . . . .	-	-	7	(1)	208	13	177	11	1,441	158
RED . . . . .	-	-	-	-	1	(1)	167	29	2,022	387
EELS:										
COMMON . . . . .	142	32	356	69	965	143	130	12	4	(1)
CONGER . . . . .	4	(1)	4	(1)	-	-	-	-	-	-
FLOUNDERS . . . . .	89,301	9,948	13,890	1,961	3,317	586	4,601	907	1,396	256
GARFISH . . . . .	-	-	-	-	(1)	(1)	-	-	718	53
GIZZARD SHAD . . . . .	-	-	-	-	29	(1)	-	-	-	-
GOATFISHES . . . . .	-	-	-	-	-	-	95	10	-	-
GROUPERS . . . . .	-	-	-	-	-	-	469	71	6,992	990
GRUNTS . . . . .	-	-	3	(1)	-	-	41	3	279	27
HADDOCK . . . . .	98,438	11,092	26	2	-	-	-	-	-	-
HAKE:										
RED . . . . .	350	11	1,250	53	23	(1)	-	-	-	-
WHITE . . . . .	2,766	151	34	2	-	-	-	-	-	-
HALIBUT . . . . .	293	124	-	-	44	5	-	-	-	-
HARVESTFISH . . . . .	-	-	-	-	-	-	146	15	-	-
HERRING:										
SEA . . . . .	68,557	1,614	199	10	1,103	17	-	-	-	-
THREAD . . . . .	-	-	-	-	-	-	8,931	94	10,032	99
HICKORY SHAD . . . . .	-	-	-	-	35	3	131	8	-	-
HOGCHOKER . . . . .	-	-	-	-	2	(1)	-	-	-	-
HOGFISH . . . . .	-	-	-	-	-	-	3	(1)	15	2
JEWFISH . . . . .	-	-	-	-	-	-	56	5	143	12
KING WHITING OR										
"KINGFISH" . . . . .	(1)	(1)	17	3	27	3	2,584	252	2,180	136
LAUNCE . . . . .	65	9	-	-	-	-	-	-	-	-
MACKEREL:										
ATLANTIC . . . . .	7,039	281	792	70	688	79	1	(1)	-	-
KING . . . . .	-	-	-	-	3	1	3,012	502	3,084	351
SPANISH . . . . .	-	-	-	-	30	5	1,879	161	5,976	621
TOTAL MACKEREL . . . . .	7,039	281	792	70	721	85	4,892	663	9,060	972
MENHADEN . . . . .	36	1	46,538	671	223,268	3,053	193,778	2,121	700,068	8,545
MOJARRA . . . . .	-	-	-	-	-	-	128	10	156	12
MULLET . . . . .	-	-	31	6	1	(1)	4,945	328	29,280	2,074
OCEAN PERCH, ATLANTIC	71,409	2,799	-	-	-	-	-	-	-	-
OCEAN POUT . . . . .	1	(1)	-	-	-	-	-	-	-	-
PADDLEFISH . . . . .	-	-	-	-	-	-	-	-	-	-
PERMIT . . . . .	-	-	-	-	-	-	1	(1)	12	1
PIGFISH . . . . .	-	-	-	-	4	(1)	153	10	30	2
PIKE OR PICKEREL . . . . .	-	-	-	-	9	2	-	-	-	2
POLLOCK . . . . .	7,293	410	4	(1)	-	-	-	-	-	-
POMPANO . . . . .	-	-	-	-	-	-	589	340	745	470
SALMON, ATLANTIC . . . . .	(1)	(1)	-	-	-	-	-	-	-	-
SAND PERCH . . . . .	-	-	-	-	-	-	(1)	(1)	-	-
SAWFISH . . . . .	-	-	-	-	-	-	-	-	7	1
SCUP OR PORGY . . . . .	7,316	1,444	7,307	1,272	4,664	412	499	49	53	6
SEA BASS, BLACK										
(ATLANTIC) . . . . .	55	16	926	228	1,564	232	2,140	324	(1)	(1)
SEA CATFISH . . . . .	-	-	-	-	-	-	-	-	-	-
SEA ROBIN . . . . .	155	3	64	3	338	3	13	-	512	34

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

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## LANDINGS BY REGION, 1967 - 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										
SEA TROUT OR WEAKFISH:										
GRAY . . . . .	-	(1)	494	35	665	66	1,900	121	-	-
SPOTTED . . . . .	2	-	-	-	4	1	730	211	5,041	1,295
WHITE . . . . .	-	-	-	-	-	-	-	-	624	47
SHAD . . . . .	754	52	367	54	3,005	311	1,562	263	-	-
SHARKS:										
GRAYFISH . . . . .	167	2	196	9	215	8	-	-	-	-
UNCLASSIFIED . . . . .	4	(1)	5	(1)	122	2	1,318	24	7	1
TOTAL SHARKS . . . . .	171	2	201	9	337	10	1,318	24	7	1
SHEEPSHEAD:										
FRESH-WATER . . . . .	-	-	-	-	-	-	-	-	143	16
SALT-WATER . . . . .	-	-	-	-	-	-	162	15	719	56
SILVERSIDES . . . . .	-	-	145	26	-	-	-	-	-	-
SKATES . . . . .	160	7	11	(1)	-	-	-	-	-	-
SMELT . . . . .	230	57	-	-	-	-	-	-	-	-
SNAPPER:										
LANE . . . . .	-	-	-	-	-	-	3	(1)	16	3
MANGROVE . . . . .	-	-	-	-	-	-	91	20	373	63
MUTTON . . . . .	-	-	-	-	-	-	39	12	146	39
RED . . . . .	-	-	-	-	-	-	926	340	11,942	3,664
VERMILION . . . . .	-	-	-	-	-	-	15	5	52	14
YELLOWTAIL . . . . .	-	-	-	-	-	-	113	35	650	258
SPANISH SARDINES . . . . .	-	-	(1)	(1)	4,501	458	6,176	434	105	5
SPOT . . . . .	-	-	(1)	(1)	5,627	935	1,617	253	319	25
STRIPED BASS . . . . .	802	145	2,023	392	19	2	72	11	-	-
STURGEON, COMMON . . . . .	10	(1)	21	3	(1)	(1)	2	(1)	6	1
SUCKERS . . . . .	-	-	(1)	(1)	6	1	-	-	-	-
SUNFISH . . . . .	-	-	74	4	7,744	135	360	9	-	-
SWELLFISH . . . . .	-	-	259	67	145	72	-	-	-	-
SWORDFISH . . . . .	641	250	3	5	(1)	(1)	-	-	-	-
TAUTOG . . . . .	45	3	100	5	-	-	-	-	1,014	38
TENPOUNDER . . . . .	-	-	-	-	-	-	-	-	14	1
TILEFISH . . . . .	64	10	36	5	10	1	(1)	(1)	17	1
TRIGGERFISH . . . . .	-	-	-	-	-	-	3	(1)	1	1
TRIPLETAIL . . . . .	-	-	-	-	-	-	2	(1)	-	-
TUNA:										
BLUEFIN . . . . .	1,058	75	2,919	222	299	35	-	-	-	-
LITTLE . . . . .	-	-	15	1	-	-	-	-	-	-
SKIPJACK . . . . .	36	4	-	-	-	-	-	-	-	-
UNCLASSIFIED . . . . .	-	-	-	-	23	6	-	-	-	-
TOTAL TUNA . . . . .	1,094	79	2,934	223	322	41	-	-	-	-
WARSAW . . . . .	-	-	-	-	-	-	25	2	140	13
WHITE PERCH . . . . .	12	2	223	38	1,692	225	364	46	-	-
WHITING . . . . .	59,904	1,654	9,540	498	99	4	-	-	-	-
WOLFFISH . . . . .	304	26	-	-	177	20	37	3	-	-
YELLOW PERCH . . . . .	-	-	-	-	-	-	-	-	-	-
UNCLASSIFIED:										
FOR FOOD . . . . .	6,174	667	306	31	49	5	326	26	1,424	109
BAIT, REDUCTION, AND ANIMAL FOOD . . . . .	86,501	924	7,607	74	7,443	58	6,065	40	101,367	1,988
TOTAL FISH . . . . .	567,192	35,797	100,200	6,329	302,111	7,650	267,642	10,726	699,764	23,557
SHELLFISH, ETC.										
CRABS:										
BLUE:										
HARD . . . . .	-	-	752	94	79,412	4,675	37,335	2,006	27,526	1,626
SOFT AND PEELER . . . . .	-	-	5	1	3,403	1,283	67	37	154	125
GREEN . . . . .	63	7	-	-	-	-	-	-	-	-
ROCK . . . . .	1,617	92	32	1	-	-	-	-	-	-
STONE . . . . .	-	-	-	-	-	-	124	66	647	410
TOTAL CRABS . . . . .	1,860	99	769	96	82,615	5,958	37,546	2,113	28,529	2,361
CRAWFISH, FRESH-WATER HORSESHOE CRABS . . . . .	-	-	56	(1)	-	-	-	-	1,619	262
LOBSTERS:										
NORTHERN . . . . .	24,766	20,793	1,759	1,464	216	129	4	3	-	-
SPINY . . . . .	-	-	-	-	-	-	1,677	1,056	2,737	1,675
SHRIMP . . . . .	6,991	672	-	-	-	-	20,598	9,010	225,731	90,577
CLAMS:										
HARD . . . . .	2,899	1,946	10,243	6,537	2,156	1,199	234	121	354	36
OCEAN QUAHOG . . . . .	45	6	-	-	-	-	-	-	-	-
RANGIA . . . . .	-	-	-	-	-	-	66	27	-	-
RAZOR . . . . .	5	2	16	5	-	-	-	-	-	-
SOFT . . . . .	4,207	2,180	373	136	5,243	1,620	-	-	-	-
SURF . . . . .	16	5	43,669	4,241	1,149	106	-	-	-	-
TOTAL CLAMS . . . . .	7,172	4,141	54,521	12,919	8,548	2,925	320	148	354	36
CONCHS . . . . .	170	44	215	42	412	43	12	4	3	1
MUSSELS, SEA . . . . .	775	93	26	8	-	-	-	-	-	-
OCTOPUS . . . . .	-	-	-	-	-	-	2	(1)	-	-

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

## GENERAL REVIEW

## LANDINGS BY REGION, 1967 - 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. - CONTINUED										
OYSTERS, MARKET, EASTERN:										
PUBLIC . . . . .	23	44	75	75	18,956	12,645	488	284	14,192	5,144
PRIVATE . . . . .	300	702	1,115	1,090	6,842	4,677	2,672	1,067	7,555	3,342
TOTAL OYSTERS . . . . .	323	746	1,190	1,165	25,798	17,322	3,160	1,351	21,747	8,486
PERIWINKLES AND SCALLOPS:										
BAY . . . . .	54	14	-	-	-	-	-	-	-	-
CALICO . . . . .	455	579	248	298	-	-	367	211	7	5
SEA . . . . .	7,025	5,438	1,585	1,174	1,632	1,154	1,410	317	-	-
TOTAL SCALLOPS . . . . .	7,480	6,017	1,833	1,432	1,632	1,154	1,797	528	7	5
SQUID . . . . .	1,819	101	1,393	91	984	24	42	4	48	4
SEA URCHIN . . . . .	111	3	-	-	13	5	-	-	(1)	(1)
TERRAPIN . . . . .	-	-	3	1	-	-	-	-	-	-
TURTLES:										
GREEN . . . . .	-	-	-	-	-	-	-	-	154	25
LOGGERHEAD . . . . .	-	-	(1)	(1)	-	-	2	(1)	-	-
SNAPPER . . . . .	-	-	74	11	188	39	19	3	7	2
SOFT-SHELL . . . . .	-	-	-	-	-	-	310	23	-	-
UNCLASSIFIED . . . . .	-	-	1	(1)	-	-	-	-	-	-
TOTAL TURTLES . . . . .	-	-	75	11	188	39	331	26	161	27
FROGS . . . . .	-	-	-	-	-	-	-	-	18	9
IRISH MOSS . . . . .	5,060	93	-	-	-	-	-	-	-	-
SPONGES . . . . .	-	-	-	-	-	-	13	55	43	386
BLOODWORMS . . . . .	749	837	-	-	-	-	-	-	-	-
SANDWORMS . . . . .	798	606	-	-	-	-	-	-	-	-
TOTAL SHELLFISH, ETC. . . . .	58,148	34,459	61,862	17,229	120,206	27,599	65,502	14,300	280,997	103,849
GRAND TOTAL . . . . .	625,340	70,256	162,062	23,558	422,317	35,449	353,344	25,026	1,180,781	127,406

SPECIES	PACIFIC		GREAT LAKES		MISSISSIPPI RIVER AND TRIBUTARIES		HAWAII		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
FISH										
ALEVINES . . . . .	-	-	41,896	447	-	-	-	-	101,127	1,551
AMBERJACK . . . . .	-	-	-	-	-	-	-	-	125	25
ANCHOVIES . . . . .	69,609	701	-	-	-	-	(1)	(1)	69,625	704
ANGELFISH . . . . .	-	-	-	-	-	-	-	-	18	(1)
ANGLERFISH . . . . .	-	-	-	-	-	-	-	-	403	29
ARCTIC CHAR . . . . .	5	1	-	-	-	-	-	-	5	1
BALLYHOO . . . . .	-	-	-	-	-	-	-	-	141	21
BARRACUDA . . . . .	313	50	-	-	-	-	8	3	322	53
BILLFISH . . . . .	-	-	-	-	-	-	-	-	1	(1)
BLUEFISH . . . . .	-	-	-	-	-	-	-	-	4,279	529
BLUE PIKE . . . . .	-	-	(1)	(1)	-	-	-	-	(1)	(1)
BLUE RUNNER . . . . .	-	-	-	-	-	-	-	-	2,550	83
BONITO . . . . .	21,219	891	-	-	-	-	-	-	21,268	896
BOWFIN . . . . .	-	-	(1)	(1)	107	4	-	-	127	5
BUFFALOFISH . . . . .	-	-	42	5	17,974	2,165	-	-	18,679	2,257
BURBOT . . . . .	-	-	291	10	54	4	-	-	345	14
BUTTERFISH . . . . .	-	-	-	-	-	-	-	-	5,344	546
CABEZONE . . . . .	14	1	-	-	-	-	-	-	14	1
CABO . . . . .	-	-	-	-	-	-	-	-	62	4
CARP . . . . .	1,281	33	6,579	329	23,501	793	-	-	32,043	1,178
CATFISH AND BULLHEADS	-	-	858	250	11,930	2,710	-	-	32,923	6,994
CHUBS . . . . .	-	-	11,313	1,743	212	4	-	-	11,525	1,747
CIGARFISH . . . . .	-	-	-	-	-	-	-	-	53	66
COD . . . . .	9,155	482	-	-	-	-	-	-	53,555	4,060
CRAPPIE . . . . .	-	-	3	1	44	13	-	-	50	14
CREVALLE . . . . .	-	-	-	-	-	-	81	45	1,123	78
CROAKER . . . . .	-	-	-	-	-	-	-	-	2,528	200
CUNNER . . . . .	-	-	-	-	-	-	-	-	(1)	(1)
CUSK . . . . .	-	-	-	-	-	-	-	-	1,717	106
DOLPHIN . . . . .	-	-	-	-	-	-	72	42	261	61
DRUM:										
BLACK . . . . .	-	-	-	-	-	-	-	-	1,833	182
RED . . . . .	-	-	-	-	-	-	-	-	2,190	416
EELS:										
COMMON . . . . .	-	-	34	9	2	(1)	-	-	1,633	265
CONGER . . . . .	-	-	-	-	-	-	2	(1)	10	(1)
FLOUNDERS . . . . .	46,159	3,620	-	-	-	-	-	-	158,664	17,278
FLYING FISH . . . . .	47	6	-	-	-	-	-	-	47	6
GARFISH . . . . .	-	-	(1)	(1)	671	40	-	-	1,369	93
GIZZARD SHAD . . . . .	-	-	-	-	1,566	50	-	-	1,626	51
GOATFISHES . . . . .	-	-	-	-	-	-	79	43	174	53

SEE FOOTNOTES AT END OF TABLE.

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## LANDINGS BY REGION, 1967 - 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										
GOLDFISH . . . . .	-	-	94	3	6	(1)	-	-	100	3
GROUPERS . . . . .	190	41	-	-	-	-	-	-	7,651	1,102
GRUNTS . . . . .	-	-	-	-	-	-	-	-	323	30
HADDOCK . . . . .	-	-	-	-	-	-	-	-	98,464	11,094
HAKE:										
PACIFIC . . . . .	28,818	239	-	-	-	-	-	-	28,818	239
RED . . . . .	-	-	-	-	-	-	-	-	1,623	64
WHITE . . . . .	-	-	-	-	-	-	-	-	2,800	153
HALFMOON . . . . .	25	5	-	-	-	-	-	-	25	5
HALIBUT . . . . .	39,778	6,412	-	-	-	-	-	-	40,071	6,536
HARDHEAD . . . . .	219	20	-	-	-	-	-	-	219	20
HARVESTFISH . . . . .	-	-	-	-	-	-	-	-	190	20
HERRING:										
LAKE . . . . .	-	-	3,631	433	-	-	-	-	3,844	435
SEA . . . . .	16,299	431	-	-	13	2	-	-	68,158	2,072
THREAD . . . . .	-	-	-	-	-	-	-	-	18,963	193
HICKORY SHAD . . . . .	-	-	-	-	-	-	-	-	165	11
HOGCHOKER . . . . .	-	-	-	-	-	-	-	-	2	(1)
HOGFISH . . . . .	-	-	-	-	-	-	-	-	18	2
JACK MACKEREL . . . . .	38,194	1,447	-	-	-	-	211	66	38,405	1,533
JEWFISH . . . . .	-	-	-	-	-	-	-	-	199	17
KING CROAKER . . . . .	496	39	-	-	-	-	-	-	496	39
KING WHITING OR "KINGFISH" . . . . .	-	-	-	-	-	-	-	-	4,608	394
LAKE TROUT . . . . .	3	1	202	125	-	-	-	-	205	126
LAUNCE . . . . .	-	-	-	-	-	-	-	-	65	9
LINGCOD . . . . .	8,548	464	-	-	-	-	-	-	8,548	464
MACKEREL:										
ATLANTIC . . . . .	-	-	-	-	-	-	-	-	8,520	430
KING . . . . .	-	-	-	-	-	-	-	-	6,099	854
PACIFIC . . . . .	1,167	73	-	-	-	-	-	-	1,167	73
SPANISH . . . . .	-	-	-	-	-	-	-	-	7,885	787
TOTAL MACKEREL . . . . .	1,167	73	-	-	-	-	-	-	23,671	2,144
MARLIN . . . . .	-	-	-	-	-	-	567	195	567	195
MENHADEN . . . . .	-	-	-	-	-	-	-	-	1,163,708	14,391
MOJARRA . . . . .	-	-	-	-	-	-	-	-	284	22
MOONEYE . . . . .	-	-	(1)	(1)	129	26	-	-	129	26
MULLET . . . . .	-	-	-	-	-	-	24	23	34,281	2,431
OCEAN PERCH:										
ATLANTIC . . . . .	-	-	-	-	-	-	-	-	71,409	2,799
PACIFIC . . . . .	15,426	861	-	-	-	-	-	-	15,426	861
OCEAN POUT . . . . .	-	-	-	-	-	-	-	-	1	(1)
OPALEYE . . . . .	17	4	-	-	-	-	-	-	17	4
PADDFISH . . . . .	-	-	-	-	424	54	-	-	436	55
PERCH . . . . .	367	60	-	-	-	-	-	-	367	60
PERMIT . . . . .	-	-	-	-	-	-	-	-	16	2
PIGFISH . . . . .	-	-	-	-	-	-	-	-	187	12
PIKE OR PICKEREL . . . . .	(1)	(1)	74	10	18	2	-	-	101	14
POLLOCK . . . . .	96	2	-	-	-	-	-	-	7,393	412
POMPANO . . . . .	112	41	-	-	-	-	-	-	1,446	851
QUILLEACK . . . . .	-	-	7	(1)	488	25	-	-	495	25
RATFISH . . . . .	1,025	8	-	-	-	-	-	-	1,025	8
ROCK BASS . . . . .	-	-	10	1	-	-	-	-	10	1
ROCKFISHES . . . . .	22,139	1,328	-	-	-	-	-	-	22,139	1,328
RUDDERFISH . . . . .	-	-	-	-	-	-	11	3	11	3
SABLEFISH . . . . .	7,073	641	-	-	-	-	-	-	7,073	641
SALMON:										
ATLANTIC . . . . .	-	-	-	-	-	-	-	-	(1)	(1)
CHINOOK OR KING . . . . .	26,181	9,594	-	-	-	-	-	-	26,181	9,594
CHUM OR KETA . . . . .	34,459	3,874	-	-	-	-	-	-	34,459	3,874
PINK . . . . .	51,721	6,278	-	-	-	-	-	-	51,721	6,278
RED OR SOCKEYE . . . . .	65,013	15,093	-	-	2/	85 2/	47	-	66,098	16,140
SILVER OR COHO . . . . .	38,290	12,694	1,484	161	-	-	-	-	39,774	12,855
TOTAL SALMON . . . . .	216,664	48,533	1,484	161	85	47	-	-	218,233	48,741
SAND PERCH . . . . .	-	-	-	-	-	-	-	-	(1)	(1)
SARDINE, PACIFIC . . . . .	149	31	-	-	-	-	(1)	(1)	149	31
SAUGER . . . . .	-	-	26	3	-	-	-	-	26	3
SAWFISH . . . . .	-	-	-	-	-	-	-	-	7	1
SCULPIN . . . . .	83	23	-	-	-	-	-	-	83	23
SCUP OR PORGY . . . . .	-	-	-	-	-	-	-	-	19,839	3,183
SEA BASS:										
BLACK (ATLANTIC) . . . . .	-	-	-	-	-	-	-	-	4,685	600
BLACK (PACIFIC) . . . . .	231	41	-	-	-	-	23	11	254	52
WHITE . . . . .	1,223	343	-	-	-	-	-	-	1,223	343
SEA CATFISH . . . . .	-	-	-	-	-	-	-	-	525	35
SEA ROBIN . . . . .	-	-	-	-	-	-	-	-	557	9

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

## GENERAL REVIEW

## LANDINGS BY REGION, 1967 - 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										
SEA TROUT OR WEAFFISH:										
GRAY . . . . .	-	-	-	-	-	-	-	-	3,081	222
SPOTTED . . . . .	-	-	-	-	-	-	-	-	145	26
WHITE . . . . .	-	-	-	-	-	-	-	-	5,775	1,467
SHAD . . . . .	-	-	-	-	-	-	-	-	624	47
TOTAL SHAD . . . . .	1,333	100	-	-	-	-	-	-	7,041	600
SHARKS										
GRAYFISH . . . . .	1,253	8	-	-	-	-	-	-	1,831	27
UNCLASSIFIED . . . . .	598	57	-	-	-	-	-	-	2,054	84
TOTAL SHARKS . . . . .	1,851	65	-	-	-	-	-	-	3,885	111
SHEEFISH . . . . .	3	1	-	-	-	-	-	-	3	1
SHEEPSHEAD:										
FRESH-WATER . . . . .	-	-	2,568	102	4,391	314	-	-	7,102	434
SALT-WATER . . . . .	20	2	-	-	-	-	-	-	901	73
SILVERSIDES . . . . .	-	-	-	-	-	-	-	-	145	26
SKATES . . . . .	660	10	-	-	-	-	-	-	851	17
SMELT . . . . .	1,892	183	2,776	95	-	-	-	-	4,898	335
SNAPPER:										
LANE . . . . .	-	-	-	-	-	-	-	-	21	3
MANGROVE . . . . .	-	-	-	-	-	-	-	-	464	103
MUTTON . . . . .	-	-	-	-	-	-	-	-	187	51
RED . . . . .	-	-	-	-	-	-	74	75	12,942	4,299
VERMILION . . . . .	-	-	-	-	-	-	-	-	67	19
YELLOWTAIL . . . . .	-	-	-	-	-	-	-	-	963	293
UNCLASSIFIED . . . . .	-	-	-	-	-	-	175	89	175	69
SPANISH SARDINES . . . . .	-	-	-	-	-	-	-	-	105	5
SPOT . . . . .	-	-	-	-	-	-	1	(1)	10,997	917
STEELHEAD TROUT . . . . .	644	174	-	-	-	-	-	-	644	174
STRIPED BASS . . . . .	32	4	-	-	-	-	-	-	10,501	1,729
TURGEON:										
COMMON . . . . .	419	43	1	1	-	-	-	-	548	61
SHOVELNOSE, ETC. . . . .	-	-	-	-	45	10	-	-	45	10
SUCKERS . . . . .	-	-	1,068	37	1,273	31	-	-	2,343	68
SUNFISH . . . . .	-	-	14	2	-	-	-	-	20	3
SMELT . . . . .	-	-	-	-	-	-	-	-	8,198	148
SWORDFISH . . . . .	305	164	-	-	-	-	12	2	1,362	575
TAUOG . . . . .	-	-	-	-	-	-	-	-	145	8
TENPOUNDER . . . . .	-	-	-	-	-	-	5	1	1,019	39
TILEFISH . . . . .	-	-	-	-	-	-	-	-	124	17
TOMCOD . . . . .	210	4	-	-	-	-	-	-	210	4
TRIGGERFISH . . . . .	-	-	-	-	-	-	2	1	22	2
TRIPLETAIL . . . . .	-	-	-	-	-	-	-	-	11	1
TULLIBEE . . . . .	-	-	885	27	1	(1)	-	-	886	27
TUNA:										
ALBACORE . . . . .	48,341	9,517	-	-	-	-	26	9	48,367	9,526
BLUEFIN . . . . .	13,736	1,667	-	-	-	-	3/ 647	3/ 476	18,659	2,475
LITTLE . . . . .	-	-	-	-	-	-	49	5	64	6
SKIPJACK . . . . .	111,166	11,265	-	-	-	-	8,044	1,264	119,246	12,533
YELLOWFIN . . . . .	141,507	19,407	-	-	-	-	502	230	142,009	19,637
UNCLASSIFIED . . . . .	-	-	-	-	-	-	-	-	23	6
TOTAL TUNA . . . . .	314,750	41,856	-	-	-	-	9,268	1,984	328,368	44,183
TURBOT . . . . .	73	4	-	-	-	-	-	-	73	4
WAHOO . . . . .	1	(1)	-	-	-	-	39	9	40	9
WARSAW . . . . .	-	-	-	-	-	-	-	-	165	15
WHITESAIT . . . . .	200	19	-	-	-	-	-	-	200	19
WHITE BASS . . . . .	-	-	1,100	272	4	1	-	-	1,104	273
WHITFISH:										
COMMON . . . . .	16	4	1,634	931	5	2	-	-	1,655	937
MENOMINEE . . . . .	-	-	90	17	-	-	-	-	90	17
WHITE PERCH . . . . .	-	-	146	37	-	-	-	-	2,457	348
WHITING . . . . .	-	-	-	-	-	-	-	-	69,543	2,156
WOLFFISH . . . . .	-	-	-	-	-	-	-	-	504	28
YELLOW BASS . . . . .	-	-	-	-	29	2	-	-	29	2
YELLOW PERCH . . . . .	-	-	5,806	717	269	62	-	-	6,289	802
YELLOW PIKE . . . . .	-	-	702	281	643	177	-	-	1,345	458
YELLOWTAIL . . . . .	151	16	-	-	-	-	-	-	151	16
UNCLASSIFIED:										
FOR FOOD . . . . .	11	1	-	-	(1)	(1)	1,060	389	11,332	1,228
BAIT, REDUCTION, AND ANIMAL FOOD . . . . .	2,617	52	-	-	(1)	(1)	-	-	211,800	3,136
TOTAL FISH . . . . .	873,332	109,589	83,565	6,050	63,684	6,538	11,763	3,023	3,189,693	209,459
SHELLFISH, ETC.										
CRABS:										
BLUE . . . . .	-	-	-	-	-	-	-	-	145,027	8,603
HARD . . . . .	-	-	-	-	-	-	-	-	3,649	1,446
SOFT AND PEELER . . . . .	-	-	-	-	-	-	-	-	42,437	6,654
DUNGNESS . . . . .	42,437	6,654	-	-	-	-	-	-	63	7
GREEN . . . . .	-	-	-	-	-	-	-	-	127,716	14,970
KING . . . . .	127,716	14,970	-	-	-	-	-	-	324	33
ROCK . . . . .	324	33	-	-	-	-	-	-	2,173	126

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

# GENERAL REVIEW

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## LANDINGS BY REGION, 1967 - 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. - CONTINUED:										
CRABS - CONTINUED:										
STONE . . . . .	-	-	-	-	-	-	-	-	971	478
TANNER . . . . .	118	12	-	-	-	-	-	-	118	12
UNCLASSIFIED . . . . .	-	-	-	-	-	-	30	25	30	25
TOTAL CRABS . . . . .	170,595	21,669	-	-	-	-	30	25	322,184	32,321
ARTEMIA (BRINE SHRIMP)										
EGGS . . . . .	-	-	-	-	114	57	-	-	114	57
CRAWFISH, FRESH-WATER	6	3	-	-	2,902	505	-	-	4,527	790
HORSESHOE CRABS . . . . .	-	-	-	-	-	-	-	-	56	(1)
LIMPET . . . . .	-	-	-	-	-	-	5	16	5	16
LOBSTERS:										
NORTHERN . . . . .	-	-	-	-	-	-	-	-	26,745	22,369
SLIPPER . . . . .	-	-	-	-	-	-	(1)	(1)	(1)	(1)
SPINY . . . . .	450	368	-	-	-	-	4	4	4,868	3,125
SHRIMP . . . . .	54,462	3,007	-	-	4	1	1	1	307,787	103,468
ABALONE . . . . .	868	865	-	-	-	-	-	-	868	865
CLAMS:										
HARD . . . . .	296	140	-	-	-	-	-	-	16,182	11,981
OCEAN QUAHOG . . . . .	-	-	-	-	-	-	-	-	45	6
RANGIA . . . . .	-	-	-	-	-	-	-	-	86	27
RAZOR . . . . .	283	173	-	-	-	-	-	-	304	160
SOFT . . . . .	-	-	-	-	-	-	-	-	9,823	3,936
SURF . . . . .	-	-	-	-	-	-	-	-	45,054	4,352
MIXED . . . . .	6	4	-	-	-	-	-	-	6	4
TOTAL CLAMS . . . . .	565	317	-	-	-	-	-	-	71,500	20,466
CNCHS . . . . .	-	-	-	-	-	-	-	-	812	134
MUSSELS, SEA . . . . .	-	-	-	-	-	-	-	-	803	101
MUSSEL SHELLS . . . . .	-	-	-	-	13,553	1,194	-	-	13,553	1,194
PEARLS AND SLUGS . . . . .	-	-	-	-	-	8	-	-	8	8
OCTOPUS . . . . .	41	5	-	-	-	-	8	5	51	10
OYSTERS, MARKET:										
EASTERN:										
PUBLIC . . . . .	-	-	-	-	-	-	-	-	33,734	18,192
PRIVATE . . . . .	13	38	-	-	-	-	-	-	18,497	10,916
PACIFIC . . . . .	7,682	2,993	-	-	-	-	-	-	7,682	2,993
WESTERN . . . . .	44	140	-	-	-	-	-	-	44	140
TOTAL OYSTERS . . . . .	7,739	3,171	-	-	-	-	-	-	59,957	32,241
PERIWINKLES AND COCKLES . . . . .	-	-	-	-	-	-	-	-	54	14
SCALLOPS:										
BAY . . . . .	-	-	-	-	-	-	-	-	1,097	1,053
CALICO . . . . .	-	-	-	-	-	-	-	-	1,410	317
SEA . . . . .	1	1	-	-	-	-	-	-	10,243	7,767
TOTAL SCALLOPS . . . . .	1	1	-	-	-	-	-	-	12,750	9,137
SQUID . . . . .	19,603	438	-	-	-	-	3	1	23,492	663
MOLLUSKS, UNCLASSIFIED	-	-	-	-	-	-	1	(1)	1	(1)
SEA URCHIN . . . . .	-	-	-	-	-	-	-	-	111	3
TERRAPIN . . . . .	-	-	-	-	-	-	-	-	16	6
TURTLES:										
BABY . . . . .	-	-	-	-	8	56	-	-	8	56
GREEN . . . . .	-	-	-	-	-	-	-	-	154	25
LOGGERHEAD . . . . .	-	-	-	-	-	-	-	-	2	(1)
SLIÖER . . . . .	-	-	-	-	20	1	-	-	20	1
SNAPPER . . . . .	-	-	-	-	61	9	-	-	349	64
SOFT-SHELL . . . . .	-	-	-	-	2	(1)	-	-	312	23
UNCLASSIFIED . . . . .	-	-	-	-	-	-	5	1	1	1
TOTAL TURTLES . . . . .	-	-	-	-	91	66	5	1	851	170
FROGS . . . . .	-	-	-	-	23	11	-	-	41	20
KELP (WITH HERRING EGGS) . . . . .	399	469	-	-	-	-	-	-	399	469
IRISH MOSS . . . . .	-	-	-	-	-	-	-	-	5,060	93
SEAWEED . . . . .	-	-	-	-	-	-	2	1	2	1
SPONGES . . . . .	-	-	-	-	-	-	-	-	56	441
BLOODWORMS . . . . .	-	-	-	-	-	-	-	-	749	837
SANDWORMS . . . . .	-	-	-	-	-	-	-	-	798	606
TOTAL SHELLFISH, ETC. . . . .	254,769	30,353	-	-	16,687	1,842	59	54	858,230	229,685
WHALE PRODUCTS:										
MEAL . . . . .	2,224	134	-	-	-	-	-	-	2,224	134
MEAT . . . . .	1,927	154	-	-	-	-	-	-	1,927	154
OIL:										
SPERM . . . . .	964	57	-	-	-	-	-	-	964	57
WHALE . . . . .	1,519	90	-	-	-	-	-	-	1,519	90
TOTAL WHALE PRODUCTS . . . . .	6,634	435	-	-	-	-	-	-	6,634	435
GRAND TOTAL . . . . .	1,134,735	140,377	83,565	6,050	80,571	8,360	11,842	3,077	4,054,557	439,579

1/ LESS THAN 500 POUNDS OR \$500.

2/ TAKEN FROM IDAHO WATERS.

3/ INCLUDES DATA ON THE CATCH OF BIGEYE TUNA.

## GENERAL REVIEW

## LANDINGS OF CATCH BY GEAR, 1967

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

GEAR	NEW ENGLAND		MIDDLE ATLANTIC	
	QUANTITY	VALUE	QUANTITY	VALUE
HAUL SEINES . . . . .	480	17	2,035	348
STOP NETS AND SEINES . . . . .	19,712	465	-	-
PURSE SEINES . . . . .	51,341	1,120	46,504	793
GAG NETS . . . . .	65	18	-	-
OTTER TRAWLS 2/ . . . . .	469,897	34,431	45,327	4,954
WEIRS . . . . .	8,276	209	71	4
POUND NETS . . . . .	3,572	194	4,616	325
FLOATING TRAPS . . . . .	8,542	1,251	-	-
FYKE AND HOOP NETS . . . . .	-	-	149	13
POTS AND TRAPS . . . . .	23,526	18,325	2,618	1,080
GILL NETS . . . . .	4,567	349	1,632	263
HOOKS AND BAITS . . . . .	10,529	1,095	962	192
DIP NETS . . . . .	1,852	71	-	-
HARPOONS . . . . .	411	133	-	-
SPEARS . . . . .	29	7	50	11
DREDGES . . . . .	8,899	6,947	50,286	9,280
TONGS AND RAKES B/. . . . .	7,411	1,928	6,650	5,848
HOES AND FORKS . . . . .	6,121	3,652	60	25
DIVING OUTFITS . . . . .	31	29	-	-
BY HAND . . . . .	59	15	902	422
TOTAL . . . . .	625,340	70,256	162,062	23,558
GEAR	CHESAPEAKE		SOUTH ATLANTIC	
	QUANTITY	VALUE	QUANTITY	VALUE
HAUL SEINES . . . . .	8,479	480	9,559	714
PURSE SEINES . . . . .	202,032	2,705	201,721	2,198
GAG NETS . . . . .	-	-	333	113
OTTER TRAWLS 2/ . . . . .	17,752	1,494	51,166	11,148
POUND NETS . . . . .	60,023	2,042	19,818	550
FYKE AND HOOP NETS . . . . .	2,786	145	170	28
POTS AND TRAPS . . . . .	54,747	3,229	28,737	3,268
GILL NETS . . . . .	6,917	1,112	15,925	1,981
TRAMMEL NETS . . . . .	-	-	372	136
HOOKS AND BAITS . . . . .	14,209	1,126	18,718	3,032
DIP NETS . . . . .	212	27	2,803	56
LIFT NETS . . . . .	2	(5)	-	-
CAST NETS . . . . .	-	-	42	9
SPEARS . . . . .	-	-	63	13
SCRAPES . . . . .	1,903	675	-	-
DREDGES . . . . .	33,284	10,537	694	374
TONGS AND RAKES B/. . . . .	17,619	11,797	1,472	689
HOOKS . . . . .	-	-	25	59
DIVING OUTFITS . . . . .	-	-	3	2
BY HAND . . . . .	152	79	1,723	662
TOTAL . . . . .	422,317	35,449	353,344	25,026
GEAR	GULF		PACIFIC	
	QUANTITY	VALUE	QUANTITY	VALUE
HAUL SEINES . . . . .	13,192	1,019	1/2,755	1,278
PURSE SEINES . . . . .	710,715	6,715	1/497,209	1/46,703
BUTTERFLY NETS . . . . .	4,570	1,077	-	-
BEAM TRAWLS . . . . .	-	-	2,739	140
OTTER TRAWLS 2/ . . . . .	328,169	92,127	185,472	9,635
WEIRS . . . . .	-	-	117	19
POUND NETS . . . . .	4	3	90	24
FLOATING TRAPS . . . . .	-	-	57	9
FYKE AND HOOP NETS . . . . .	1,363	296	-	-
POTS AND TRAPS . . . . .	29,459	4,063	171,566	22,101
GILL NETS . . . . .	29,888	2,930	95,505	20,424
TRAMMEL NETS . . . . .	12,067	1,560	(4)	(4)
HOOKS AND BAITS . . . . .	26,439	6,563	159,193	35,133
DIP NETS . . . . .	625	73	5/2,109	5/172
REEF NETS . . . . .	-	-	1,281	293
WHEELS . . . . .	-	-	22	4
CAST NETS . . . . .	2	(5)	-	-
HARPOONS . . . . .	-	-	6,939	599
SPEARS . . . . .	65	17	-	-
DREDGES . . . . .	13,402	5,494	7/7,454	7/3,053
TONGS AND RAKES B/. . . . .	6,617	2,993	287	102
SHOVELS . . . . .	-	-	547	309
BRUSH TRAPS . . . . .	58	44	-	-
GRABS . . . . .	11	5	-	-
HOOKS . . . . .	20	83	-	-
DIVING OUTFITS . . . . .	26	304	884	860
BY HAND . . . . .	89	40	7/449	7/519
TOTAL . . . . .	1,180,781	127,406	1,134,735	140,377

SEE FOOTNOTES AT END OF TABLE.

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# GENERAL REVIEW

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## LANDINGS OF CATCH BY GEAR, 1967 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

GEAR	GREAT LAKES		MISSISSIPPI RIVER AND TRIBUTARIES	
	QUANTITY	VALUE	QUANTITY	VALUE
HAUL SEINES . . . . .	7,473	548	20,573	977
OTTER TRAWLS <sup>2/</sup> . . . . .	20,076	227	966	62
WEIRS . . . . .	1,408	124	1,007	33
POUND NETS. . . . .	24,994	449	19	2
TRAP NETS . . . . .	5,990	979	1,014	47
FYKE AND HOOP NETS. . . . .	797	86	13,673	1,646
POTS AND TRAPS. . . . .	-	-	<sup>3/</sup> 4,211	<sup>3/</sup> 726
GILL NETS . . . . .	22,657	3,588	9,683	1,196
TRAMMEL NETS. . . . .	-	-	8,727	883
HOOKS AND BAITS . . . . .	170	49	5,479	1,433
ELECTRICAL DEVICES. . . . .	-	-	5	(5)
DIP NETS. . . . .	-	-	1,533	107
DREDGES . . . . .	-	-	450	45
TONGS AND RAKES <sup>5/</sup> . . . . .	-	-	129	17
CROWFOOT BARS . . . . .	-	-	10,196	802
DIVING OUTFITS. . . . .	-	-	300	30
BY HAND . . . . .	-	-	2,606	372
TOTAL . . . . .	83,565	6,050	80,571	8,380

GEAR	HAWAII		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE
HAUL SEINES . . . . .	87	26	64,633	4,407
STOP NETS AND SEINES. . . . .	-	-	19,712	465
PURSE SEINES. . . . .	-	-	1,709,522	62,235
BAG NETS. . . . .	691	244	1,109	375
BUTTERFLY NETS. . . . .	-	-	4,570	1,077
BEAM TRAWLS . . . . .	-	-	2,739	140
OTTER TRAWLS <sup>2/</sup> . . . . .	-	-	1,118,625	154,078
WEIRS . . . . .	-	-	10,879	389
POUND NETS. . . . .	-	-	113,136	3,589
TRAP NETS . . . . .	-	-	7,004	1,026
FLOATING TRAPS. . . . .	-	-	8,599	1,250
FYKE AND HOOP NETS. . . . .	-	-	18,938	2,214
POTS AND TRAPS. . . . .	68	33	314,932	52,827
GILL NETS . . . . .	96	50	189,130	31,893
TRAMMEL NETS. . . . .	-	-	21,166	2,579
HOOKS AND BAITS . . . . .	10,716	2,624	248,415	51,247
ELECTRICAL DEVICES . . . . .	-	-	5	(5)
DIP NETS. . . . .	-	-	9,134	506
LIFT NETS . . . . .	114	54	116	54
REEF NETS . . . . .	-	-	1,281	293
WHEELS. . . . .	-	-	22	4
CAST NETS . . . . .	7	4	51	13
HARPOONS. . . . .	-	-	7,350	732
SPEARS. . . . .	7	4	214	52
SCRAPES . . . . .	-	-	1,903	675
DREDGES . . . . .	-	-	114,469	35,730
TONGS AND RAKES <sup>5/</sup> . . . . .	-	-	42,385	23,368
HOES AND FORKS. . . . .	-	-	6,181	3,677
SHOVELS . . . . .	-	-	547	309
BRUSH TRAPS . . . . .	-	-	58	44
CROWFOOT BARS . . . . .	-	-	10,196	802
GRABS . . . . .	-	-	11	5
HOOKS . . . . .	-	-	45	142
DIVING OUTFITS. . . . .	-	-	1,244	1,225
BY HAND . . . . .	5	16	5,985	2,125
UNCLASSIFIED GEAR . . . . .	51	22	51	22
TOTAL . . . . .	11,842	3,077	4,064,557	439,579

- 1/ THE LANDINGS BY HAUL SEINES IN ALASKA AND BY LAMPARA NETS IN CALIFORNIA HAVE BEEN INCLUDED WITH PURSE SEINES.
- 2/ INCLUDES THE LANDINGS BY MID-WATER TRAWLS.
- 3/ THE LANDINGS BY SLAT TRAPS IN WISCONSIN HAVE BEEN INCLUDED WITH POTS AND TRAPS.
- 4/ THE LANDINGS BY TRAMMEL NETS IN CALIFORNIA HAVE BEEN INCLUDED WITH GILL NETS.
- 5/ LESS THAN \$500.
- 6/ THE LANDINGS BY BRAIL OR SCOOP NETS IN CALIFORNIA HAVE BEEN INCLUDED WITH DIP NETS.
- 7/ THE LANDINGS BY HAND IN WASHINGTON AND OREGON HAVE BEEN INCLUDED WITH THE LANDINGS BY DREDGES. IN CALIFORNIA, THEY HAVE BEEN INCLUDED WITH TONGS.
- 8/ INCLUDES THE LANDINGS BY OYSTER GRABS.

## GENERAL REVIEW

**LANDINGS FROM WATERS OFF THE UNITED STATES  
AND ON THE HIGH SEAS OFF FOREIGN COASTS, 1967**

(THOUSANDS OF POUNDS)

AREA AND SPECIES	WATERS OFF U.S. COASTS	HIGH SEAS OFF FOREIGN COASTS	TOTAL
	QUANTITY	QUANTITY	QUANTITY
<b>ATLANTIC AND GULF STATES:</b>			
<b>NEW ENGLAND:</b>			
COO . . . . .	41,133	2,737	43,870
CUSK . . . . .	1,519	198	1,717
FLOUNDERS . . . . .	88,640	661	89,301
Haddock . . . . .	88,732	9,706	98,438
HAKE, WHITE . . . . .	2,491	275	2,766
HALIBUT . . . . .	2,246	47	2,293
OCEAN PERCH . . . . .	22,495	48,914	71,409
POLLOCK . . . . .	6,128	1,165	7,293
WHITING . . . . .	59,903	1	59,904
WOLFFISH . . . . .	408	96	504
UNCLASSIFIED . . . . .	249,598	247	249,845
TOTAL . . . . .	561,293	64,047	625,340
MIDDLE ATLANTIC, UNCLASSIFIED, TOTAL . . . . .	162,062	-	162,062
CHESAPEAKE, UNCLASSIFIED, TOTAL . . . . .	422,317	-	422,317
SOUTH ATLANTIC, UNCLASSIFIED, TOTAL . . . . .	353,344	-	353,344
<b>GULF:</b>			
GROUPERS . . . . .	5,942	1,050	6,992
SNAPPER, RED . . . . .	6,537	5,405	11,942
SHRIMP . . . . .	209,887	16,844	225,731
UNCLASSIFIED . . . . .	936,019	97	936,116
TOTAL . . . . .	1,157,385	23,396	1,180,781
TOTAL ATLANTIC AND GULF STATES . . . . .	2,656,401	87,443	2,743,844
<b>PACIFIC COAST STATES:</b>			
<b>ALASKA, WASHINGTON, AND OREGON:</b>			
BOTTOMFISH (WASHINGTON AND OREGON) 1/ . . . . .	30,680	40,635	71,315
HALIBUT . . . . .	37,942	1,835	39,777
SALMON . . . . .	207,631	1,631	209,262
TUNA, ALBACORE . . . . .	30,480	3	30,483
UNCLASSIFIED . . . . .	276,773	137	276,910
TOTAL . . . . .	583,506	44,241	627,747
<b>CALIFORNIA:</b>			
BARRACUDA . . . . .	281	32	313
BONITO . . . . .	17,841	3,378	21,219
FLOUNDERS . . . . .	20,298	13	20,311
GROUPERS . . . . .	-	190	190
ROCKFISHES . . . . .	9,647	152	9,799
<b>SEA BASS:</b>			
BLACK . . . . .	12	219	231
WHITE . . . . .	508	715	1,223
SHARKS, UNCLASSIFIED . . . . .	586	11	597
<b>TUNA:</b>			
ALBACORE . . . . .	17,572	286	17,858
BLUEFIN . . . . .	1,839	11,897	13,736
SKIPJACK . . . . .	117	110,839	110,956
YELLOWFIN . . . . .	4	141,486	141,490
TOTAL . . . . .	19,532	264,508	284,040
YELLOWTAIL . . . . .	14	137	151
UNCLASSIFIED . . . . .	168,881	33	168,914
TOTAL . . . . .	237,600	269,388	506,988
TOTAL PACIFIC COAST STATES . . . . .	821,106	313,629	1,134,735
<b>GREAT LAKES AND MISSISSIPPI RIVER STATES, UNCLASSIFIED, TOTAL . . . . .</b>			
	164,136	-	164,136
<b>HAWAII, UNCLASSIFIED, TOTAL . . . . .</b>			
	11,842	-	11,842
GRAND TOTAL . . . . .	3,653,485	401,072	4,054,557

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

# GENERAL REVIEW

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## LANDINGS USED FOR HUMAN FOOD AND INDUSTRIAL PRODUCTS, 1967

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

ITEM	NEW ENGLAND		MIDDLE ATLANTIC		CHESAPEAKE	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
FOR HUMAN FOOD, TOTAL . . .	503,976	67,531	105,333	22,641	166,473	31,639
FOR INDUSTRIAL PRODUCTS:						
ANIMAL FOOD, FRESH AND FROZEN . . . . .	3,521	70	1,011	19	1,301	18
BAIT, FRESH AND FROZEN . .	16,739	1,558	5,554	296	25,460	770
CANNED ANIMAL FOOD . . .	40,703	502	-	-	3,088	49
REDUCTION TO MEAL, OIL, ETC. . . . .	55,341	501	50,164	602	225,995	2,973
OTHER . . . . .	5,060	94	-	-	-	-
TOTAL . . . . .	121,364	2,725	56,729	917	255,844	3,810
GRAND TOTAL . . . . .	625,340	70,256	162,062	23,558	422,317	35,449

ITEM	SOUTH ATLANTIC		GULF		PACIFIC 1/	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
FOR HUMAN FOOD, TOTAL . . .	138,663	22,581	363,756	116,234	995,014	140,475
FOR INDUSTRIAL PRODUCTS:						
ANIMAL FOOD, FRESH AND FROZEN . . . . .	1,663	27	13,010	182	10,915	378
BAIT, FRESH AND FROZEN . .	6,516	100	7,431	286	20,973	780
CANNED ANIMAL FOOD . . .	73	1	86,527	1,610	18,645	603
REDUCTION TO MEAL, OIL, ETC. . . . .	206,416	2,262	710,014	8,708	101,030	1,218
OTHER . . . . .	13	55	43	386	-	-
TOTAL . . . . .	214,681	2,445	817,025	11,172	151,563	2,979
GRAND TOTAL . . . . .	353,344	25,026	1,180,781	127,406	1,146,577	143,454

ITEM	GREAT LAKES		MISSISSIPPI RIVER AND TRIBUTARIES		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
FOR HUMAN FOOD, TOTAL . . .	35,463	5,487	58,765	6,956	2,367,443	413,544
FOR INDUSTRIAL PRODUCTS:						
ANIMAL FOOD, FRESH AND FROZEN . . . . .	2,872	58	5,413	94	39,706	846
BAIT, FRESH AND FROZEN . .	-	-	614	65	83,287	3,855
CANNED ANIMAL FOOD . . .	12,493	158	280	5	161,809	2,928
REDUCTION TO MEAL, OIL, ETC. . . . .	32,737	347	1,940	24	1,383,637	16,635
OTHER . . . . .	-	-	13,559	1,236	18,675	1,771
TOTAL . . . . .	48,102	563	21,806	1,424	1,687,114	26,035
GRAND TOTAL . . . . .	83,565	6,050	80,571	8,380	4,054,557	439,579

1/ INCLUDES HAWAII.

## GENERAL REVIEW

LANDINGS USED FOR INDUSTRIAL PRODUCTS,  
BY REGIONS, 1967

(THOUSANDS OF POUNDS)

SPECIES	NEW ENGLAND	MIDDLE ATLANTIC	CHESA-PEAKE	SOUTH ATLANTIC	GULF	PACIFIC	GREAT LAKES	MISSISSIPPI RIVER	TOTAL
FISH	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
ALEWIVES . . .	6,792	-	19,071	4,230	163	-	41,895	-	72,151
ANCHOVIES . . .	-	-	-	-	-	67,504	-	-	67,504
ANGLERFISH . . .	3,902	-	-	-	-	-	-	-	3,902
BALLYHOO . . .	-	-	-	-	141	-	-	-	141
BLUE RUNNER . . .	-	-	-	43	1,721	-	-	-	1,764
BONITO . . .	-	-	-	-	-	2,396	-	-	2,396
BOWFIN . . .	-	-	-	-	-	-	-	17	17
BUTTERFISH . . .	488	163	90	407	-	-	-	-	1,148
CARP . . .	-	-	-	-	-	916	-	4,465	5,381
CATFISH AND BULLHEADS . . .	-	-	-	-	-	-	-	1,205	1,205
CHUBS . . .	-	-	-	-	-	-	3,335	-	3,335
CIGARFISH . . .	-	-	-	-	563	-	-	-	563
COO . . .	-	-	-	-	-	21	-	-	21
CREVALLE . . .	-	-	-	184	609	-	-	-	793
CROAKER . . .	-	-	-	2,342	63,336	-	-	-	65,678
DRUM, BLACK . . .	-	-	-	-	7	-	-	-	7
EEL, COMMON . . .	5	-	143	-	-	-	-	-	148
FLOUNDERS . . .	2,377	-	130	10	-	6,293	-	-	8,810
GARFISH . . .	-	-	-	-	-	-	-	22	22
GIZZARD SHAD . . .	-	-	12	-	-	-	31	533	576
HAKE:									
PACIFIC . . .	-	-	-	-	-	29,064	-	-	29,064
RED . . .	10,665	112	-	-	-	-	-	-	10,777
HALIBUT . . .	-	-	-	-	-	325	-	-	325
HERRING:									
LAKE . . .	-	-	-	-	-	-	13	-	13
SEA:									
ATLANTIC . . .	15,407	144	765	-	-	-	-	-	16,316
PACIFIC . . .	-	-	-	-	-	17,956	-	-	17,956
THREAD . . .	-	-	-	8,931	10,287	-	-	-	19,218
HICKORY SHAD . . .	-	-	-	-	187	-	-	-	187
HOGCHOKER . . .	-	-	2	-	-	-	-	-	2
JACK MACKEREL . . .	-	-	-	-	-	7,450	-	-	7,450
KING CROAKER . . .	-	-	-	-	-	332	-	-	332
KING WHITING OR "KING FISH" . . .	-	-	-	114	22	-	-	-	136
LAUNCE . . .	65	-	-	-	-	-	-	-	65
LINGCOD . . .	-	-	-	-	-	148	-	-	148
MACKEREL:									
ATLANTIC . . .	2,582	72	-	-	-	-	-	-	2,654
PACIFIC . . .	-	-	-	-	-	196	-	-	196
MENHADEN . . .	36	46,538	224,400	193,796	700,088	-	-	-	1,164,858
MULLET . . .	-	-	-	129	608	-	-	-	809
OCEAN PERCH:									
ATLANTIC . . .	946	-	-	-	-	-	-	-	946
PACIFIC . . .	-	-	-	-	-	58	-	-	58
OCEAN POUT . . .	21,536	-	-	-	-	-	-	-	21,536
PIGFISH . . .	-	-	-	208	-	-	-	-	208
POLLOCK . . .	54	-	-	-	-	96	-	-	150
QUILLBACK . . .	-	-	-	-	-	-	7	-	7
RATFISH . . .	-	-	-	-	-	1,025	-	-	1,025
ROCKFISHES . . .	-	-	-	-	-	558	-	-	558
SABLEFISH . . .	-	-	-	-	-	1,070	-	-	1,070
SALMON . . .	-	-	-	-	-	938	534	-	1,472
SAND PERCH . . .	-	-	-	90	-	-	-	-	90
SARDINES:									
PACIFIC . . .	-	-	-	-	-	115	-	-	115
SPANISH . . .	-	-	-	-	-	105	-	-	105
SCUP OR FORGY . . .	-	-	200	271	-	-	-	-	471
SEA BASS . . .	-	-	115	-	-	-	-	-	115
SEA ROBIN . . .	2,288	7,489	321	-	-	-	-	-	10,098
SEA TROUT OR WEAKFISH:									
GRAY . . .	-	-	150	206	-	-	-	-	356
WHITE . . .	-	-	-	-	7,970	-	-	-	7,970
SHAD . . .	560	-	-	-	-	82	-	-	642
SHARKS, UNCLASSIFIED . . .	155	-	-	1,307	-	1,254	-	-	2,716
SHEEPSHEAD . . .	-	-	-	-	-	-	1,284	1,825	3,109
FRESH-WATER SILVER EELS OR CUTLESS-FISH . . .	-	-	-	-	4,378	-	-	-	4,378
SILVERSIDES . . .	-	145	-	-	-	-	-	-	145

(CONTINUED ON NEXT PAGE)

# GENERAL REVIEW

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## LANDINGS USED FOR INDUSTRIAL PRODUCTS, BY REGIONS, 1967 - Continued

(THOUSANDS OF POUNDS)

SPECIES	NEW ENGLAND	MIDDLE ATLANTIC	CHESA-PEAKE	SOUTH ATLANTIC	GULF	PACIFIC	GREAT LAKES	MISSISSIPPI RIVER	TOTAL
FISH-CONTINUED	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
SKATES . . . .	8,900	-	-	-	-	462	-	-	9,362
SMELT . . . .	-	-	-	-	-	314	118	-	432
SPOT . . . .	-	-	305	992	7,970	-	-	-	9,267
SUCKERS . . . .	-	-	-	-	-	-	-	65	65
SWELLFISH . . .	-	-	617	-	-	-	-	-	617
TENPOUNDER . .	-	-	-	-	1,014	-	-	-	1,014
TOMCOO . . . .	-	-	-	-	-	200	-	-	200
TULLIBEE . . . .	-	-	-	-	-	-	885	-	886
WHITING . . . .	12,537	132	-	-	-	-	-	-	12,669
UNCLASSIFIED .	25,221	351	8,295	1,408	17,725	566	-	-	53,566
<b>TOTAL FISH . . .</b>	<b>114,516</b>	<b>55,146</b>	<b>254,616</b>	<b>214,668</b>	<b>816,966</b>	<b>139,339</b>	<b>48,102</b>	<b>8,133</b>	<b>1,651,486</b>
SHELLFISH, ETC.									
CRABS:									
BLUE, SOFT AND PEEL- ER . . . .	-	-	1,019	-	-	-	-	-	1,019
GREEN . . . .	63	-	-	-	-	-	-	-	63
ARTEMIA (BRINE SHRIMP) EGGS	-	-	-	-	-	-	-	114	114
CLAMS (HEATS):									
RAZOR . . . .	5	-	-	-	-	160	-	-	165
SOFT . . . .	-	-	7	-	-	-	-	-	7
SURF . . . .	15	1,023	5	-	-	-	-	-	1,043
MUSSELS, SEA (MEATS) . . . .	3	-	-	-	-	-	-	-	3
MUSSEL SHELLS, FRESH-WATER .	-	-	-	-	-	-	-	13,553	13,553
SQUID . . . .	155	560	197	-	16	5,430	-	-	6,358
TURTLES, BABY	-	-	-	-	-	-	-	6	6
SEA WEEDS AND IRISH MOSS . .	5,060	-	-	-	-	-	-	-	5,060
SPONGES . . . .	-	-	-	13	43	-	-	-	56
BLOODWORMS . .	749	-	-	-	-	-	-	-	749
SANDWORMS . . .	798	-	-	-	-	-	-	-	798
<b>TOTAL, SHELL- FISH, ETC. . . .</b>	<b>6,848</b>	<b>1,583</b>	<b>1,228</b>	<b>13</b>	<b>59</b>	<b>5,590</b>	<b>-</b>	<b>13,673</b>	<b>28,994</b>
WHALE PRO- DUCTS . . . .	-	-	-	-	-	6,634	-	-	6,634
<b>GRAND TOTAL . .</b>	<b>121,364</b>	<b>56,729</b>	<b>255,844</b>	<b>214,681</b>	<b>817,025</b>	<b>151,563</b>	<b>48,102</b>	<b>21,806</b>	<b>1,667,114</b>

NOTE:--PARTLY ESTIMATED.



## GENERAL REVIEW

LANDINGS USED FOR INDUSTRIAL PRODUCTS,  
BY COMMODITY, 1967

(THOUSANDS OF POUNDS)

SPECIES	ANIMAL FOOD, FRESH AND	BAIT, FRESH AND	CANNED ANIMAL	FOR REDUCTION	OTHER	TOTAL
	FROZEN	FROZEN	FOOD			
FISH	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
ALEEVES:						
ATLANTIC . . . . .	705	7,229	1,850	20,472	-	30,256
LAKE . . . . .	-	-	9,158	32,737	-	41,895
ANCHOVIES . . . . .	-	1,400	2,410	63,694	-	67,504
ANGLER FISH . . . . .	-	-	976	2,926	-	3,902
BALLYHOO . . . . .	-	141	-	-	-	141
BLUE RUNNER . . . . .	-	1,764	-	-	-	1,764
BONITO . . . . .	-	-	2,396	-	-	2,396
BOWFIN . . . . .	17	-	-	-	-	17
BUTTERFISH . . . . .	117	187	122	722	-	1,148
CARP . . . . .	3,256	-	185	1,940	-	5,381
CATFISH AND BULLHEADS . . . . .	1,110	-	95	-	-	1,205
CHUBS . . . . .	-	-	3,335	-	-	3,335
CIGARFISH . . . . .	-	563	-	-	-	563
COD . . . . .	21	-	-	-	-	21
CREVALLE . . . . .	-	793	-	-	-	793
CROAKER . . . . .	13,161	297	50,197	2,023	-	65,678
DRUM, BLACK . . . . .	-	7	-	-	-	7
EEL, COMMON . . . . .	-	148	-	-	-	148
FLOUNDERS . . . . .	5,656	877	907	1,370	-	8,810
GARFISH . . . . .	22	-	-	-	-	22
GIZZARD SHAD . . . . .	64	512	-	-	-	576
HAKE:						
PACIFIC . . . . .	300	260	4,500	24,004	-	29,064
RED . . . . .	112	1,658	2,777	6,230	-	10,777
HALLIBUT . . . . .	-	325	-	-	-	325
HERRINGS:						
LAKE . . . . .	13	-	-	-	-	13
SEA:						
ATLANTIC . . . . .	527	7,090	934	7,765	-	16,316
PACIFIC . . . . .	1,102	9,987	550	6,317	-	17,956
THREAD . . . . .	-	234	-	18,984	-	19,218
HICKORY SHAD . . . . .	-	187	-	-	-	187
HOGCHOKER . . . . .	-	2	-	-	-	2
JACK MACKEREL . . . . .	-	-	7,450	-	-	7,450
KING CROAKER . . . . .	-	5	327	-	-	332
KING WHITING OR "KINGFISH" . . . . .	-	125	11	-	-	136
LAUNCE . . . . .	-	65	-	-	-	65
LINGCOD . . . . .	86	-	62	-	-	148
MACKEREL:						
ATLANTIC . . . . .	257	639	460	1,298	-	2,654
PACIFIC . . . . .	-	-	196	-	-	196
MENHADEN . . . . .	-	25,556	1,127	1,138,175	-	1,164,858
MULLET . . . . .	-	809	-	-	-	809
OCEAN PERCH:						
ATLANTIC . . . . .	-	400	-	546	-	946
PACIFIC . . . . .	28	-	-	30	-	58
OCEAN POUT . . . . .	-	-	16,415	5,121	-	21,536
PIGFISH . . . . .	-	-	4	204	-	208
POLLOCK . . . . .	120	3	-	27	-	150
QUILLBACK . . . . .	7	-	-	-	-	7
RATFISH . . . . .	425	-	-	600	-	1,025
ROCKFISHES . . . . .	147	411	-	-	-	558
SABLEFISH . . . . .	28	1,042	-	-	-	1,070
SALMON . . . . .	534	938	-	-	-	1,472
SAND PERCH . . . . .	-	-	-	90	-	90
SARDINES:						
PACIFIC . . . . .	-	100	15	-	-	115
SPANISH . . . . .	-	105	-	-	-	105
SCUP OR PORGY . . . . .	218	16	-	237	-	471
SEA BASS . . . . .	115	-	-	-	-	115
SEA ROBIN . . . . .	963	378	424	8,333	-	10,098
SEA TROUT OR WEAKEFISH:						
GRAY . . . . .	161	30	18	147	-	356
WHITE . . . . .	-	183	7,787	-	-	7,970
SHAD . . . . .	103	-	-	539	-	642
SHARKS, UNCLASSIFIED . . . . .	1,311	-	-	1,405	-	2,716
SHEEPSHEAD, FRESH-WATER . . . . .	3,109	-	-	-	-	3,109
SILVER EELS OR CUTLASSFISH . . . . .	-	51	4,327	-	-	4,378
SILVERSIDES . . . . .	-	145	-	-	-	145
SKATES . . . . .	220	828	2,018	6,296	-	9,362
SMELT . . . . .	119	17	287	-	-	422
SPOT . . . . .	187	280	7,794	1,036	-	9,267
SUCKERS . . . . .	65	-	-	-	-	65

SEE NOTE ON NEXT PAGE.

(CONTINUED ON NEXT PAGE)

# GENERAL REVIEW

27

## LANDINGS USED FOR INDUSTRIAL PRODUCTS, BY COMMODITY, 1967 - Continued

(THOUSANDS OF POUNDS)

SPECIES	ANIMAL FOOD,	BAIT,	CANNED	FOR	OTHER	TOTAL
	FRESH AND FROZEN	FRESH AND FROZEN	ANIMAL FOOD	REDUCTION		
FISH - CONTINUED	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
SWELLFISH . . . . .	-	-	-	617	-	617
TENPOUNDER . . . . .	-	1,014	-	-	-	1,014
TOMCOD . . . . .	85	6	-	109	-	200
TULLIBEE . . . . .	886	-	-	-	-	886
WHITING . . . . .	1,504	1,650	2,209	7,306	-	12,669
UNCLASSIFIED . . . . .	949	4,511	30,476	17,630	-	53,566
<b>TOTAL FISH . . . . .</b>	<b>37,779</b>	<b>72,968</b>	<b>161,809</b>	<b>1,378,930</b>	<b>-</b>	<b>1,651,486</b>
<b>SHELLFISH, ETC.</b>						
CRABS:						
BLUE, SOFT AND PEELER . .	-	1,019	-	-	-	1,019
GREEN . . . . .	-	63	-	-	-	63
ARTEMIA (BRINE SHRIMP) EGGS	-	114	-	-	-	114
CLAMS (MEATS):						
RAZOR . . . . .	-	165	-	-	-	165
SOFT . . . . .	-	7	-	-	-	7
SURF . . . . .	-	1,043	-	-	-	1,043
MUSSELS, SEA (MEATS) . . . .	-	3	-	-	-	3
MUSSEL SHELLS, FRESH-WATER.	-	-	-	-	13,553	13,553
SQUID . . . . .	-	6,358	-	-	-	6,358
TURTLES, BABY . . . . .	-	-	-	-	6	6
SEAWEEDS AND IRISH MOSS . . .	-	-	-	-	5,060	5,060
SPONGES . . . . .	-	-	-	-	56	56
BLOODWORMS . . . . .	-	749	-	-	-	749
SANDWORMS . . . . .	-	798	-	-	-	798
<b>TOTAL SHELLFISH, ETC. . . . .</b>	<b>-</b>	<b>10,319</b>	<b>-</b>	<b>-</b>	<b>18,675</b>	<b>28,994</b>
WHALE PRODUCTS . . . . .	1,927	-	-	4,707	-	6,634
<b>GRAND TOTAL . . . . .</b>	<b>39,706</b>	<b>83,287</b>	<b>161,809</b>	<b>1,383,637</b>	<b>18,675</b>	<b>1,667,114</b>

NOTE: -PARTLY ESTIMATED. THE PRODUCTION OF ANGLERFISH, CROAKER, PACIFIC AND RED HAKE, THREAD HERRING, MENHADEN, OCEAN POUT, PIGFISH, SAND PERCH, SEA ROBIN, WHITE SEA TROUT, SILVER EELS, AND SKATES AS SHOWN IN THESE TABLES EXCEEDS THE TOTAL LANDINGS OF EACH SPECIES AS SHOWN IN THE TABULATION ON LANDINGS BY REGIONS, PAGE 14. IN THAT TABLE THE EXTRA AMOUNTS ARE INCLUDED WITH UNCLASSIFIED FISH USED FOR BAIT, REDUCTION, AND ANIMAL FOOD.

## MONTHLY LANDINGS AND UTILIZATION OF FISH AND SHELLFISH, 1967

MONTH	LANDINGS FOR HUMAN FOOD		LANDINGS FOR INDUSTRIAL PRODUCTS 1/		TOTAL	
	MILLION POUNDS	PERCENT	MILLION POUNDS	PERCENT	MILLION POUNDS	PERCENT
JANUARY . . . . .	135	5.7	31	1.8	166	4.1
FEBRUARY . . . . .	114	4.8	28	1.7	142	3.5
MARCH . . . . .	155	6.5	45	2.7	200	4.9
APRIL . . . . .	154	6.5	105	6.2	259	6.4
MAY . . . . .	214	9.0	162	9.6	376	9.3
JUNE . . . . .	265	11.2	291	17.3	556	13.7
JULY . . . . .	345	14.6	304	18.0	649	16.0
AUGUST . . . . .	319	13.5	264	15.6	583	14.4
SEPTEMBER . . . . .	233	9.8	145	8.6	378	9.3
OCTOBER . . . . .	191	8.1	96	5.7	287	7.1
NOVEMBER . . . . .	134	5.7	130	7.7	264	6.5
DECEMBER . . . . .	109	4.6	86	5.1	195	4.8
<b>TOTAL . . . . .</b>	<b>2,368</b>	<b>100.0</b>	<b>1,687</b>	<b>100.0</b>	<b>4,055</b>	<b>100.0</b>

1/ USED FOR MEAL, OIL, SOLUBLES, BAIT, ANIMAL FOOD, AND OTHER NON-HUMAN FOOD PRODUCTS.

## GENERAL REVIEW

## RELATIVE VOLUME OF THE LANDINGS, BY SPECIES, 1967

SPECIES	QUANTITY	PERCENT OF TOTAL	RECORD CATCH AND YEAR	
	THOUSAND POUNDS	PERCENT	YEAR	THOUSAND POUNDS
MENHADEN . . . . .	1,163,708	28.7	1962	2,347,944
TUNA . . . . .	328,368	8.1	1950	391,454
CRABS . . . . .	322,184	7.9	1966	372,425
SHRIMP . . . . .	307,787	7.6	1967	307,787
SALMON . . . . .	218,223	5.3	1936	643,700
INDUSTRIAL FISH 1/ . . . . .	211,800	5.2	1965	265,438
FLOUNDERS . . . . .	158,664	3.9	1965	180,121
ALEWIVES . . . . .	101,127	2.5	1967	101,127
HADDOCK . . . . .	98,464	2.4	1929	293,809
HERRING, SEA:				
ATLANTIC . . . . .	69,859	1.7	1902	200,598
PACIFIC . . . . .	18,299	.5	1937	263,200
TOTAL . . . . .	88,158	2.2	-	-
CLAMS . . . . .	71,500	1.8	1966	72,751
OCEAN PERCH, ATLANTIC . . . . .	71,409	1.8	1951	258,320
ANCHOVIES . . . . .	69,625	1.7	1953	86,044
WHITING . . . . .	69,543	1.7	1957	133,041
OYSTERS . . . . .	59,957	1.5	2/1900	152,046
COD:				
ATLANTIC . . . . .	44,400	1.1	1880	294,351
PACIFIC . . . . .	9,155	.2	1915	32,681
TOTAL . . . . .	53,555	1.3	-	-
HALIBUT, PACIFIC . . . . .	39,778	.9	1915	66,695
JACK MACKEREL . . . . .	38,405	.9	1952	146,522
MULLET . . . . .	34,281	.8	1902	43,385
CATFISH AND BULLHEADS . . . . .	32,923	.8	1963	38,614
CARP . . . . .	32,043	.8	1908	43,659
HAKE, PACIFIC . . . . .	28,818	.7	1967	28,818
LOBSTERS, NORTHERN . . . . .	26,745	.7	1960	31,168
MACKERELS . . . . .	23,671	.6	(3)	(3)
SQUID . . . . .	23,492	.6	1946	40,266
ROCKFISHES . . . . .	22,139	.6	1945	57,686
BONITO . . . . .	21,268	.5	1967	21,268
SCUP OR PORGY . . . . .	19,839	.5	1960	49,229
HERRING, THREAD . . . . .	18,963	.5	1967	18,963
BUFFALOFISH . . . . .	18,679	.5	1950	25,873
OCEAN PERCH, PACIFIC . . . . .	15,426	.4	1965	28,352
MUSSEL SHELLS . . . . .	13,553	.3	1908	81,869
SNAPPER, RED . . . . .	12,942	.3	1902	23,457
CHUBS . . . . .	11,525	.3	1960	16,854
SPOT . . . . .	10,997	.3	1952	15,863
STRIPED BASS . . . . .	10,501	.3	1967	10,498
SCALLOPS, SEA . . . . .	10,243	.3	1961	27,461
LINGCOD . . . . .	8,548	.2	1944	14,262
SWELLFISH . . . . .	8,198	.2	1965	13,403
GROUPERS . . . . .	7,651	.2	1965	9,570
POLLOCK . . . . .	7,393	.2	1938	40,694
SHEEPSHEAD, FRESH-WATER . . . . .	7,102	.2	1959	13,644
SABLEFISH . . . . .	7,073	.2	1945	17,750
SHAD . . . . .	7,041	.2	1990	43,000
WHALE PRODUCTS 4/ . . . . .	6,634	.2	(3)	(3)
YELLOW PERCH . . . . .	6,289	.1	1934	16,282
SEA TROUT OR WEAKFISH, SPOTTED . . . . .	5,775	.1	1936	8,800
BUTTERFISH . . . . .	5,344	.1	1939	17,151
IRISH MOSS . . . . .	5,060	.1	1961	6,995
SMELT . . . . .	4,899	.1	1958	13,303
LOBSTERS, SPINY . . . . .	4,868	.1	1965	6,237
KING WHITING OR "KINGFISH" . . . . .	4,808	.1	1965	5,708
SEA BASS, BLACK (ATLANTIC) . . . . .	4,685	.1	1952	21,997
UNCLASSIFIED . . . . .	92,677	2.3	-	-
TOTAL . . . . .	4,054,557	100.0	-	-

1/ UNCLASSIFIED SPECIES FOR BAIT, REDUCTION, AND ANIMAL FOOD.

2/ FIRST YEAR IN WHICH AN OYSTER SURVEY WAS MADE IN ALL REGIONS.

3/ DATA NOT AVAILABLE.

4/ 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.

# GENERAL REVIEW

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## RELATIVE VALUE OF THE LANDINGS, BY SPECIES, 1967

SPECIES	VALUE	PERCENT OF TOTAL	RECORD VALUE AND YEAR	
	THOUSAND DOLLARS	PERCENT	YEAR	THOUSAND DOLLARS
SHRIMP . . . . .	103,468	23.5	1967	103,468
SALMON . . . . .	48,741	11.1	1966	73,595
TUNA . . . . .	44,183	10.1	1950	61,342
CRABS . . . . .	32,321	7.6	1966	33,037
OYSTERS . . . . .	32,241	7.3	1961	22,389
LOBSTERS, NORTHERN . . . . .	22,389	5.1	1967	20,486
CLAMS . . . . .	20,486	4.7	1967	20,486
FLOUNDERS . . . . .	17,278	3.9	1966	20,170
MENHADEN . . . . .	14,391	3.3	1956	26,425
HADDOCK . . . . .	11,094	2.5	1966	13,943
SCALLOPS, SEA . . . . .	7,767	1.8	1965	13,182
CATFISH AND BULLHEADS . . . . .	6,994	1.6	1967	6,994
HALIBUT, PACIFIC . . . . .	6,412	1.5	1962	11,579
SNAPPER, RED . . . . .	4,299	1.0	1966	4,334
<b>COD:</b>				
ATLANTIC . . . . .	3,578	.8	1948	4,742
PACIFIC . . . . .	482	.1	1959	664
TOTAL . . . . .	4,060	.9	-	-
SCUP OR PORGY . . . . .	3,183	.7	1966	3,326
INDUSTRIAL FISH 1/ . . . . .	3,136	.7	1967	3,136
LOBSTERS, SPINY 1/ . . . . .	3,125	.7	1965	3,626
OCEAN PERCH, ATLANTIC . . . . .	2,799	.6	1951	12,597
MULLET . . . . .	2,431	.6	1945	4,647
BUFFALO FISH . . . . .	2,257	.5	1952	3,564
WHITING . . . . .	2,156	.5	1951	2,903
MACKERELS . . . . .	2,144	.4	(2)	(2)
<b>HERRING, SEA:</b>				
ATLANTIC . . . . .	1,641	.4	1948	3,798
PACIFIC . . . . .	431	.1	1947	2,152
TOTAL . . . . .	2,072	.5	-	-
CHUBS . . . . .	1,747	.4	1958	2,564
STRIPED BASS . . . . .	1,729	.4	1967	1,729
ALLEWIVES . . . . .	1,551	.3	1967	1,551
JACK MACKEREL . . . . .	1,533	.3	1952	4,755
SEA TROUT OR WEAKFISH, SPOTTED . . . . .	1,467	.3	1952	1,781
ROCKFISHES . . . . .	1,328	.3	1945	2,648
MUSSEL SHELLS . . . . .	1,194	.3	(2)	(2)
CARP . . . . .	1,178	.3	1951	2,007
GROUPERS . . . . .	1,102	.2	1967	1,102
SCALLOPS, BAY . . . . .	1,053	.2	1966	3,784
WHITEFISH, COMMON . . . . .	937	.2	1948	1,014
SPOT . . . . .	917	.2	1964	1,636
BONITO . . . . .	896	.2	1947	920
ABALONE . . . . .	865	.2	1965	1,334
OCEAN PERCH, PACIFIC . . . . .	861	.2	1966	851
POMPANO . . . . .	851	.2	1967	837
BLOODWORMS . . . . .	837	.2	1967	1,540
YELLOW PERCH . . . . .	802	.2	1958	2,680
SHAD . . . . .	800	.2	1945	5,206
SEA BASS, BLACK (ATLANTIC) . . . . .	800	.2	1952	1,039
CRAWFISH, FRESH-WATER . . . . .	790	.2	1965	1,712
ANCHOVIES . . . . .	704	.2	1953	1,370
SQUID . . . . .	663	.1	1947	1,834
SABLEFISH . . . . .	641	.1	1946	606
SANDWORMS . . . . .	606	.1	1967	1,435
SWORDFISH . . . . .	575	.1	1946	1,005
BUTTERFISH . . . . .	548	.1	1962	760
BLUEFISH . . . . .	529	.1	1951	(2)
KELP (WITH HERRING EGGS) . . . . .	489	.1	(2)	(2)
LINGCOD . . . . .	484	.1	(2)	(2)
UNCLASSIFIED . . . . .	11,675	2.7	-	-
TOTAL . . . . .	439,579	100.0	-	-

1/ UNCLASSIFIED SPECIES FOR BAIT, REDUCTION, AND ANIMAL FOOD.  
 2/ DATA NOT AVAILABLE.

## GENERAL REVIEW

## SEED OYSTER FISHERY, 1967

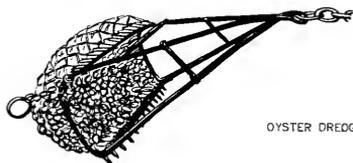
ITEM	NEW ENGLAND 1/		MIDDLE ATLANTIC 2/		CHESAPEAKE 3/		TOTAL	
	NUMBER		NUMBER		NUMBER		NUMBER	
OPERATING UNITS								
FISHERMEN:								
ON VESSELS . . . . .	-		847		414		1,261	
ON BOATS AND SHORE:								
REGULAR . . . . .	3		138		556		697	
CASUAL . . . . .	10		-		785		795	
TOTAL . . . . .	13		985		1,755		2,753	
VESSELS, MOTOR . . . . .	-		77		155		232	
GROSS TONNAGE . . . . .	-		2,441		907		3,348	
BOATS:								
MOTOR . . . . .	9		58		748		815	
OTHER . . . . .	-		-		9		9	
GEAR:								
DREDGES, COMMON . . . . .	4		168		-		172	
YARDS AT MOUTH . . . . .	5		168		-		173	
TONGS . . . . .	1		100		1,405		1,506	
RAKES . . . . .	4		-		-		4	
LANDINGS								
OYSTERS, SEED:	<u>U.S.</u>		<u>U.S.</u>		<u>U.S.</u>		<u>U.S.</u>	
PUBLIC:	<u>BUSHELS</u>	<u>VALUE</u>	<u>BUSHELS</u>	<u>VALUE</u>	<u>BUSHELS</u>	<u>VALUE</u>	<u>BUSHELS</u>	<u>VALUE</u>
SPRING . . . . .	-	-	152,090	\$299,180	546,938	\$486,644	699,028	\$785,824
FALL . . . . .	40	\$208	-	-	463,168	401,997	463,208	402,205
PRIVATE:								
SPRING . . . . .	4,000	24,500	9,852	101,544	6,985	5,300	20,837	131,344
FALL . . . . .	-	-	-	-	20,955	18,750	20,955	18,750
TOTAL . . . . .	4,040	24,708	161,942	400,724	1,038,046	912,691	1,204,028	1,338,123

1/ CONFINED TO MASSACHUSETTS AND CONNECTICUT.

2/ CONFINED TO NEW YORK AND NEW JERSEY.

3/ CONFINED TO VIRGINIA.

NOTE:--SOME OF THE FISHERMEN ENGAGED IN HARVESTING SEED OYSTERS ALSO FISHED FOR MARKET OYSTERS OR OTHER SPECIES.



OYSTER DREDGE

# GENERAL REVIEW

## U.S. LANDINGS, 1967 - LIVE WEIGHT BASIS

In the annual digest it has been the practice of the Bureau to show the landings 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 1967 U.S. landings were 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.

A table is included in this report 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. LANDINGS, 1967 - LIVE WEIGHT BASIS

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

ITEM	QUANTITY	VALUE
FISH . . . . .	3,169,693	209,459
SHELLFISH, ETC:		
UNIVALVE AND BIVALVE MOLLUSKS:		
ABALONE . . . . .	4,444	865
CLAMS:		
HARD . . . . .	120,823	11,981
OCEAN QUAHOG . . . . .	361	6
RANGIA . . . . .	955	27
RAZOR . . . . .	726	180
SOFT . . . . .	48,166	3,936
SURF . . . . .	235,852	4,352
MIXED . . . . .	28	4
TOTAL CLAMS . . . . .	406,911	20,456
CONCHS . . . . .	2,567	134
LIMPETS . . . . .	25	16
MUSSELS:		
SEA . . . . .	4,708	101
FRESH-WATER . . . . .	14,908	1,202
OYSTERS, MARKET . . . . .	915,858	32,241
PERIWINKLES AND COCKLES . . . . .	226	14
SCALLOPS:		
BAY . . . . .	10,699	1,053
CALICO . . . . .	21,606	317
SEA . . . . .	88,659	7,767
TOTAL UNIVALVE AND BIVALVE MOLLUSKS . . . . .	1,470,611	64,196
CRUSTACEANS . . . . .	666,281	162,150
OTHER . . . . .	31,626	3,339
TOTAL SHELLFISH, ETC. . . . .	2,168,518	229,685
WHALE PRODUCTS . . . . .	6,634	435
GRAND TOTAL . . . . .	5,364,845	439,579

## GENERAL REVIEW

## WORLD LANDINGS OF FISH, CRUSTACEANS, MOLLUSKS, ETC., BY COUNTRIES, 1967

The 1967 world commercial landings of fish, crustaceans, mollusks, etc., were a record 133.4 billion pounds, according to the "Yearbook of Fishery Statistics, 1967" released by the Food and Agriculture Organization of the United Nations. The production was 7 percent greater than the 1966 landings of 125.2 billion pounds.

Six nations accounted for 58 percent of the world catch in 1967. Peru, with 16.7 percent, led for the sixth consecutive year followed by Japan with 12.9 percent; China (Mainland), 9.6 percent; the Union of Soviet Socialist Republics, 9.6 percent; Norway, 5.3 percent; and the United States, 4 percent.

For the second consecutive year, the United States was not among the five leading fishing countries of the world. Long one of the world's leading producers of fishery products, the United States was second only to Japan from the years prior to World War II until 1957. In that year, Mainland China moved into second place and the United States into third place. During the period from 1957 to 1960, Peru was developing its phenomenal industrial "anchoveta" fishery and Soviet Russia was building its large, ocean-going fleet. By 1960, both countries had advanced as ranking fishing nations of the world and the United States was relegated to fifth place. In 1966 and 1967, Norway superseded the United States in fifth position.

Asia accounted for 37 percent of the world catch, followed by South America (20 percent); Europe (20 percent); Soviet Russia (10 percent); North America (7 percent); and Africa (6 percent). A negligible quantity was taken in Oceania.

## WORLD LANDINGS OF FISH, CRUSTACEANS, MOLLUSKS, ETC., BY COUNTRIES, 1967

(LIVE WEIGHT BASIS)

COUNTRY	BILLION POUNDS	PERCENT
PERU . . . . .	22.29	16.7
JAPAN . . . . .	17.23	12.9
CHINA (MAINLAND) . . . . .	1/ 12.79	9.6
UNION OF SOVIET SOCIALIST REPUBLICS . . . . .	12.74	9.6
NORWAY . . . . .	7.09	5.3
UNITED STATES . . . . .	2/ 5.36	4.0
SPAIN . . . . .	3.15	2.4
INDIA . . . . .	3.09	2.3
CANADA . . . . .	2.84	2.1
REPUBLIC OF INDONESIA . . . . .	2.65	2.0
DENMARK . . . . .	2.36	1.8
CHILE . . . . .	2.32	1.7
UNITED KINGDOM . . . . .	2.26	1.7
REPUBLIC OF SOUTH AFRICA . . . . .	1.99	1.5
ICELAND . . . . .	1.98	1.5
THAILAND . . . . .	1.87	1.4
FRANCE . . . . .	1.81	1.3
REPUBLIC OF THE PHILIPPINES . . . . .	1.70	1.3
REPUBLIC OF KOREA . . . . .	1.65	1.2
SOUTH WEST AFRICA . . . . .	1.63	1.2
FEDERAL REPUBLIC OF GERMANY . . . . .	1.46	1.1
PORTUGAL . . . . .	3/ 1.12	.8
CHINA (TAIWAN) . . . . .	1.01	.8
PAKISTAN . . . . .	.92	.7
REPUBLIC OF VIET-NAM . . . . .	3/ .84	.6
BRAZIL . . . . .	4/ .82	.6
MALAYSIA . . . . .	.81	.6
BURMA . . . . .	3/ .79	.6
MEXICO . . . . .	.77	.6
POLAND . . . . .	.75	.6
SWEDEN . . . . .	.75	.6
ITALY . . . . .	.74	.5
NETHERLANDS . . . . .	.69	.5
ANGOLA . . . . .	.64	.5
NORTH KOREA . . . . .	5/ .64	.5
NORTH VIET-NAM . . . . .	6/ .64	.5
MOROCCO . . . . .	.57	.4
ARGENTINA . . . . .	.53	.4
EASTERN GERMANY . . . . .	3/ .49	.4
OTHER . . . . .	9.60	7.2
TOTAL . . . . .	133.38	100.0

1/ 1960 DATA. 2/ REVISED. (INCLUDES THE WEIGHT OF CLAM, OYSTER, SCALLOP, AND OTHER MOLLUSK SHELLS. THIS WEIGHT IS NOT INCLUDED IN OTHER UNITED STATES CATCH STATISTICS). 3/ 1966 DATA. 4/ 1965 DATA. 5/ 1957 DATA. 6/ 1962 DATA.

SOURCE: -YEARBOOK OF FISHERY STATISTICS, 1967, VOLUME 24, FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED STATES.

## PROCESSED FISHERY PRODUCTS, 1967

The production of processed fishery products (canned, packaged fresh and frozen, cured, and industrial) in the United States, American Samoa, and Puerto Rico was worth \$1.2 billion in 1967--only one percent less than the record value of the previous year. Packaged fresh and frozen products accounted for 47 percent of the total value; canned, 43 percent; and industrial and cured, 5 percent each. The Pacific Coast States led in production with products valued at \$392.7 million; followed by the Gulf States, \$250 million; New England, \$169 million; and Middle Atlantic, \$102.8 million. In 1967, 88,624 employees operated 4,053 wholesaling and processing establishments.

The pack of canned fishery products was 41.2 million standard cases (1.2 billion pounds) worth \$525.6 million to the packers--an increase of 456,200 cases but a decline of \$38.1 million compared with a year earlier. The production gains resulted chiefly from greater packs of shrimp, oysters, squid, and a record pack of animal food. The value decline was caused principally by a sharp decrease in the pack of high-price salmon. A pack of salmon of 2.1 million cases worth \$76.1 million was 2.3 million cases and \$60 million less than in 1966, the smallest pack on record. The value of three items--salmon, tuna, and animal food--accounted for 79 percent of the total value received by the packers.

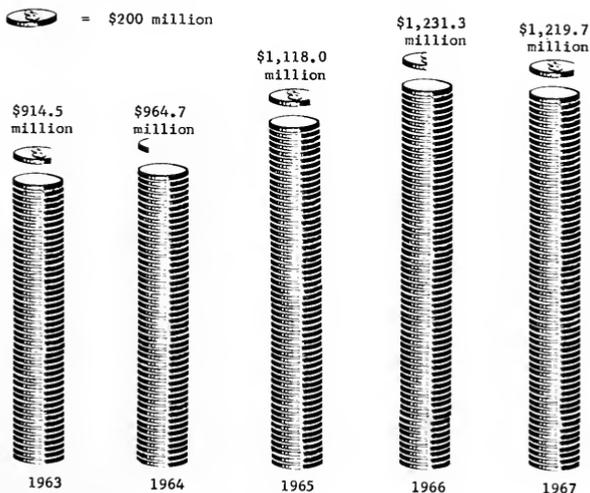
Fresh and frozen packaged fish and shellfish (fillets and steaks, fish sticks and portions, shrimp and other shellfish products, specialty dinners, etc.) were valued at \$568.5 million--an increase of \$26.4 million compared with 1966.

Cured fishery products of 74 million pounds worth \$64.7 million were 8.2 million pounds and \$12.2 million more than in the previous year.

Industrial fishery products were valued at \$61 million--\$12 million less than a year ago. Principal cause of the decline was a marked decrease in the production of marine animal meal and oil--chiefly menhaden. The meal and scrap production of 211,189 tons declined 6 percent and the oil production, 26 percent compared with the previous year.

Production of processed fishery products included items manufactured from raw products imported from foreign countries. Certain items, such as salted alewives, cured salmon, steamed oysters, etc., are shown in an intermediate and also a more advanced stage of processing. Production, therefore, cannot be correlated directly with the domestic catch.

VALUE OF PROCESSED FISHERY PRODUCTS, 1963-67



## GENERAL REVIEW

## VALUE OF PROCESSED PRODUCTS, BY STATES, 1967

STATE	VALUE IN THOUSAND DOLLARS
NEW ENGLAND:	
MAINE . . . . .	39,921
NEW HAMPSHIRE . . . . .	1,669
MASSACHUSETTS . . . . .	125,079
RHODE ISLAND . . . . .	3,139
CONNECTICUT . . . . .	228
TOTAL . . . . .	169,036
MIDDLE ATLANTIC:	
NEW YORK . . . . .	43,924
NEW JERSEY . . . . .	32,134
PENNSYLVANIA . . . . .	21,568
DELAWARE . . . . .	5,206
TOTAL . . . . .	102,832
CHESAPEAKE:	
MARYLAND . . . . .	37,180
VIRGINIA . . . . .	26,528
TOTAL . . . . .	63,708
SOUTH ATLANTIC:	
NORTH CAROLINA . . . . .	10,920
SOUTH CAROLINA . . . . .	3,686
GEORGIA . . . . .	33,181
FLORIDA, EAST COAST . . . . .	22,082
TOTAL . . . . .	69,869
GULF:	
FLORIDA, WEST COAST . . . . .	53,931
ALABAMA . . . . .	13,390
MISSISSIPPI . . . . .	23,209
LOUISIANA . . . . .	66,221
TEXAS . . . . .	91,230
TOTAL . . . . .	249,981
PACIFIC:	
ALASKA . . . . .	110,616
WASHINGTON . . . . .	51,284
OREGON . . . . .	37,592
CALIFORNIA . . . . .	193,197
TOTAL . . . . .	392,689
GREAT LAKES:	
NEW YORK . . . . .	141
PENNSYLVANIA . . . . .	187
OHIO . . . . .	14,908
MICHIGAN . . . . .	2,357
ILLINOIS . . . . .	5,486
WISCONSIN . . . . .	2,029
MINNESOTA . . . . .	48
TOTAL . . . . .	25,156
MISSISSIPPI RIVER:	
ILLINOIS . . . . .	229
IOWA . . . . .	294
KANSAS, KENTUCKY AND NEBRASKA . . . . .	654
LOUISIANA . . . . .	361
MINNESOTA . . . . .	893
MISSOURI . . . . .	5,927
NORTH DAKOTA, OKLAHOMA, TENNESSEE, AND TEXAS . . . . .	2,928
WISCONSIN . . . . .	2,291
TOTAL . . . . .	13,577
OTHER:	
HAWAII AND AMERICAN SAMOA . . . . .	47,126
PUERTO RICO . . . . .	85,737
GRAND TOTAL . . . . .	1,219,711

# GENERAL REVIEW

## SUMMARY OF PROCESSED PRODUCTS, 1967

ITEM	VALUE IN THOUSAND DOLLARS
PACKAGED:	
FRESH . . . . .	123,443
FROZEN . . . . .	445,024
CANNED . . . . .	525,563
CURED . . . . .	64,654
INDUSTRIAL . . . . .	61,027
TOTAL . . . . .	1,219,711

## WHOLESALE AND PROCESSING, 1967

ITEM	NEW ENGLAND	MIDDLE ATLANTIC	CHESAPEAKE	SOUTH ATLANTIC	GULF
WHOLESALE AND PROCESSING:	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>
ESTABLISHMENTS . . . . .	560	366	590	436	635
PERSONS ENGAGED:					
AVERAGE FOR SEASON . . . . .	12,062	6,571	10,751	7,723	16,393
AVERAGE FOR YEAR . . . . .	8,916	5,838	7,465	5,682	12,665

ITEM	PACIFIC	GREAT LAKES	MISSISSIPPI RIVER AND TRIBUTARIES	HAWAII	TOTAL
WHOLESALE AND PROCESSING:	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>
ESTABLISHMENTS . . . . .	569	241	405	29	4,053
PERSONS ENGAGED:					
AVERAGE FOR SEASON . . . . .	27,291	2,678	2,745	410	86,624
AVERAGE FOR YEAR . . . . .	17,573	2,293	2,334	359	63,125



# GENERAL REVIEW

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## PROCESSED FISHERY PRODUCTS, 1967

ITEM		QUANTITY	VALUE
ALEWIVES:			
FRESH AND FROZEN, FOR BAIT . . . . .	POUNDS	1,895,000	\$66,375
CANNED:			
FISH . . . . .	STANDARD CASES	109,929	505,089
ROE . . . . .	DO	35,455	507,456
ANIMAL FOOD . . . . .	DO	102,439	398,443
SALTED . . . . .	POUNDS	9,938,705	1,545,342
SMOKED . . . . .	DO	9,675	968
MEAL AND SCRAP . . . . .	TONS	5,123	614,760
OIL . . . . .	1,000 POUNDS	1,764	90,850
SOLUBLES . . . . .	TONS	(1)	(1)
ANCHOVIES:			
FROZEN WHOLE, FOR BAIT . . . . .	POUNDS	(1)	(1)
CANNED:			
IN TOMATO SAUCE . . . . .	STANDARD CASES	(1)	(1)
PASTE . . . . .	DO	1,396	98,378
MEAL AND SCRAP . . . . .	TONS	5,575	722,475
OIL . . . . .	1,000 POUNDS	1,004	39,051
BARRACUDA:			
CANNED (SMOKED) . . . . .	STANDARD CASES	(1)	(1)
SMOKED . . . . .	POUNDS	8,409	5,054
BIGEYE SCAUD, SUN-DRIED . . . . .	DO	23,841	21,338
BLUEFISH FILLETS, FRESH . . . . .	DO	(1)	(1)
BROWN TROUT, SMOKED . . . . .	DO	(1)	(1)
BUFFALOFISH, SMOKED . . . . .	DO	29,700	27,030
BUTTERFISH, SMOKED . . . . .	DO	20,350	14,858
CARP:			
FILLETS, FRESH AND FROZEN . . . . .	DO	1,409,000	246,350
SMOKED:			
FISH . . . . .	DO	263,850	117,408
SPECIALTIES (FRANKFURTERS) . . . . .	DO	(1)	(1)
MEAL AND SCRAP . . . . .	TONS	(1)	(1)
OIL . . . . .	1,000 POUNDS	(1)	(1)
CATFISH:			
DRESSED, SKINS OFF, FROZEN . . . . .	POUNDS	1,570,919	817,168
FILLETS, FRESH . . . . .	DO	258,264	195,132
STEAKS, FROZEN . . . . .	DO	(1)	(1)
SPECIALTIES, FROZEN (PATTIES, BREADED AND COOKED) . . . . .	DO	(1)	(1)
SMOKED . . . . .	DO	13,955	10,475
CHAR, ARCTIC, CANNED (SMOKED) . . . . .	STANDARD CASES	24	1,175
CHUBS:			
FILLETS, BREADED RAW, FROZEN . . . . .	POUNDS	(1)	(1)
SALTED . . . . .	DO	(1)	(1)
SMOKED . . . . .	DO	9,624,353	6,406,274
COO:			
FILLETS:			
FRESH . . . . .	DO	7,795,814	3,138,496
FROZEN . . . . .	DO	6,210,488	2,270,607
BREADED, RAW AND COOKED, FROZEN . . . . .	DO	440,910	254,423
STEAKS, FRESH AND FROZEN . . . . .	DO	(1)	(1)
SPECIALTIES:			
FROZEN (CAKES AND PATTIES) . . . . .	DO	1,614,309	621,637
CANNED (CAKES, FLAKES, ETC.) . . . . .	STANDARD CASES	(1)	(1)
SALTED . . . . .	POUNDS	335,535	199,131
SMOKED . . . . .	DO	165,273	86,025
FREEZE-DRIED . . . . .	DO	(1)	(1)
SUN-DRIED . . . . .	DO	(1)	(1)
LUTEFISK . . . . .	DO	943,401	322,076
OIL, LIVER . . . . .	1,000 POUNDS	(1)	(1)
CUSK FILLETS:			
FRESH . . . . .	POUNDS	507,555	178,615
FROZEN . . . . .	DO	6,566	2,049
DRUM, ROE, FILLETS, FROZEN . . . . .	DO	(1)	(1)
EELS:			
DRESSED, SKINS OFF, FROZEN . . . . .	DO	(1)	(1)
SALTED FOR BAIT . . . . .	DO	(1)	(1)
SMOKED . . . . .	DO	155,240	130,413
FLOUNDER:			
FILLETS:			
FRESH . . . . .	DO	33,557,881	15,965,810
FROZEN . . . . .	DO	11,729,474	4,765,370
BREADED, RAW AND COOKED, FROZEN . . . . .	DO	4,676,241	2,473,545
STEAKS, FRESH . . . . .	DO	(2)	(2)
SPECIALTIES, FROZEN, BREADED, RAW AND COOKED:			
STUFFED . . . . .	DO	783,398	588,213
DINNERS, PATTIES AND IN SAUCES . . . . .	DO	916,563	694,419
FREEZE-DRIED . . . . .	DO	(1)	(1)

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

# GENERAL REVIEW

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## PROCESSED FISHERY PRODUCTS, 1967-Continued

ITEM	QUANTITY	VALUE
GARFISH, SMOKED. . . . .	POUNDS	(1)
GROUPERS:		
FILLETS:		
FRESH. . . . .	00	162,870
FROZEN . . . . .	00	200,137
BREADED RAW, FROZEN. . . . .	00	(1)
STEAKS:		
FRESH. . . . .	00	73,800
FROZEN . . . . .	00	129,196
HAOODOCK:		
FILLETS:		
FRESH. . . . .	00	23,124,685
FROZEN . . . . .	00	10,944,569
BREADED, RAW AND COOKED, FROZEN. . . . .	00	2,607,697
SPECIALTIES:		
FROZEN (AU GRATIN, DINNERS, STUFFED, ETC.) . . . . .	00	564,697
CANNED (FINNAN HADDIE AND CREAMED) . . . . .	STANDARD CASES	(1)
SMOKED (INCLUDING FINNAN HADDIE) . . . . .	POUNDS	86,665
HAKE:		
FILLETS, FRESH AND FROZEN. . . . .	00	96,473
SMOKED . . . . .	00	(1)
MEAL AND SCRAP . . . . .	TONS	(1)
OIL. . . . .	1,000 POUNDS	(1)
HALIBUT (INCLUDES ALASKAN PRODUCTION):		
FILLETS:		
FRESH. . . . .	POUNDS	30,579
FROZEN . . . . .	00	1,787,369
STEAKS:		
FRESH. . . . .	00	213,337
FROZEN . . . . .	00	5,823,610
BREADED AND COOKED, FROZEN . . . . .	00	(1)
CHEEKS, FROZEN . . . . .	00	43,483
SPECIALTIES, FROZEN, BREADED, RAW AND COOKED (PATTIES, FISH AND CHIPS) . . . . .	00	135,058
CANNED . . . . .	STANDARD CASES	191
SMOKED . . . . .	POUNDS	346,408
OIL, LIVER . . . . .	1,000 POUNDS	(1)
HERRING, LAKE:		
FILLETS:		
FRESH AND FROZEN . . . . .	POUNDS	40,078
BREADED RAW, FROZEN. . . . .	00	(1)
SALTED . . . . .	00	936,140
SMOKED . . . . .	00	171,166
HERRING, SEA:		
DRESSED, FROZEN. . . . .	00	(1)
BAIT, FROZEN . . . . .	00	6,678,555
CANNED:		
MAINE SARDINES . . . . .	STANDARD CASES	1,250,411
SPECIALTIES (SPREADS). . . . .	00	(1)
ANIMAL FOOD. . . . .	00	(1)
SPECIALTIES, CURED AND REFRIGERATED:		
BISMARCKS, PARTY SNACKS, ETC. . . . .	POUNDS	(1)
IN WINE AND CREAM SAUCES . . . . .	00	616,720
SALTED:		
FISH . . . . .	DO	8,510,432
ROE . . . . .	DO	268,903
EGGS WITH KELP . . . . .	DO	391,002
SMOKED . . . . .	DO	233,845
MEAL AND SCRAP . . . . .	TONS	9,492
OIL. . . . .	1,000 POUNDS	5,676
PEARLS . . . . .		
ESSENCE. . . . .		
NOVELTIES. . . . .	-	-
HERRING, THREAD:		
MEAL AND SCRAP . . . . .	TONS	2,113
OIL. . . . .	1,000 POUNDS	1,106
SOLUBLES . . . . .	TONS	198

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

## GENERAL REVIEW

## PROCESSED FISHERY PRODUCTS, 1967 - Continued

ITEM	QUANTITY	VALUE
KING MACKEREL:		
FILLETS AND STEAKS, FROZEN. . . . .	POUNDS 875,877	\$457,794
CANNED (PASTE). . . . .	STANDARD CASES (1)	(1)
SMOKED. . . . .	POUNDS (1)	(1)
KING WHITING FILLETS AND STEAKS, FROZEN . . . . .	DO (1)	(1)
LAKE TROUT:		
FILLETS:		
FRESH . . . . .	DO 86,674	73,452
FROZEN. . . . .	DO 22,650	20,600
BREADED RAW, FROZEN . . . . .	DO (1)	(1)
SMOKED. . . . .	DO 35,202	32,096
LINGCOD:		
FILLETS:		
FRESH . . . . .	DO 1,527,777	391,881
FROZEN. . . . .	DO 1,069,951	292,849
SMOKED. . . . .	DO (1)	(1)
LUMPFISH CAVIAR, CANNED . . . . .	STANDARD CASES (1)	(1)
MACKEREL:		
ATLANTIC:		
FILLETS, FROZEN . . . . .	POUNDS (1)	(1)
CANNED, NATURAL . . . . .	STANDARD CASES (1)	(1)
SALTED. . . . .	POUNDS 214,750	72,980
SMOKED. . . . .	DO 64,165	35,074
JACK:		
DRESSED, FROZEN . . . . .	DO (1)	(1)
CANNED (NATURAL AND IN TOMATO SAUCE). . . . .	STANDARD CASES 279,868	2,334,769
MEAL AND SCRAP. . . . .	TONS (1)	(1)
OIL . . . . .	1,000 POUNDS (1)	(1)
PACIFIC:		
CANNED, NATURAL . . . . .	STANDARD CASES 3,090	27,919
SMOKED. . . . .	POUNDS 832	428
MEAL AND SCRAP. . . . .	TONS (1)	(1)
MARLIN:		
SPECIALTIES, FROZEN (CAKES, BREADED AND COOKED) . . . . .	POUNDS 1,210,716	990,779
CANNED (SMOKED) . . . . .	STANDARD CASES (1)	(1)
MENHADEN:		
MEAL AND SCRAP. . . . .	TONS 119,135	15,265,369
OIL . . . . .	1,000 POUNDS 101,384	4,736,298
SOLUBLES. . . . .	TONS 51,770	3,079,869
HOOKEYE, SMOKED . . . . .	POUNDS (1)	(1)
MULLET:		
FRESH AND FROZEN:		
ROE . . . . .	DO 35,171	23,045
SPLIT FOR SMOKING . . . . .	DO (1)	(1)
CANNED (NATURAL). . . . .	STANDARD CASES (1)	(1)
SALTED:		
FISH . . . . .	POUNDS 480,261	108,635
ROE . . . . .	DO 13,335	10,049
OCEAN PERCH:		
ATLANTIC:		
FILLETS:		
FRESH . . . . .	DO 469,023	142,324
FROZEN. . . . .	DO 19,008,412	5,030,104
BREADED, RAW AND COOKED, FROZEN . . . . .	DO 3,053,557	1,191,842
SPECIALTIES, FROZEN (DINNERS, BREADED AND COOKED). . . . .	DO (1)	(1)
SMOKED. . . . .	DO (1)	(1)
MEAL AND SCRAP. . . . .	TONS 5,702	786,590
OIL . . . . .	1,000 POUNDS 520	30,929
PACIFIC:		
FILLETS:		
FRESH . . . . .	POUNDS 2,668,490	700,865
FROZEN. . . . .	DO 2,712,467	778,946
SPECIALTIES, FROZEN (PATTIES, BREADED AND COOKED) . . . . .	DO (1)	(1)
PADDLETISH, SMOKED. . . . .	DO 59,060	48,289
PERCH FILLETS, FRESH AND FROZEN . . . . .	DO 425,550	153,198
PIKE OR PICKEREL:		
FILLETS:		
FRESH . . . . .	DO 155,535	111,868

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

# GENERAL REVIEW

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## PROCESSED FISHERY PRODUCTS, 1967-Continued

ITEM	QUANTITY	VALUE
PIKE OR PICKEREL - CONTINUED:		
FILLETS - CONTINUED:		
FROZEN . . . . .	POUNDS	67,100
SMOKED . . . . .	DO	(1)
POLLOCK:		
FILLETS:		
FRESH . . . . .	DO	1,559,118
FROZEN . . . . .	DO	1,309,161
BREADED, RAW AND COOKED, FROZEN . . . . .	DO	(1)
STEAKS, FRESH AND FROZEN . . . . .	DO	(2)
CANNED (FLAKES) . . . . .	STANDARD CASES	(1)
SALTED . . . . .	POUNDS	(1)
SMOKED . . . . .	DO	290,780
OIL, LIVER . . . . .	1,000 POUNDS	(1)
POMPANO FILLETS, FROZEN . . . . .	POUNDS	56,900
ROCKFISH:		
FILLETS:		
FRESH . . . . .	DO	4,002,955
FROZEN . . . . .	DO	1,867,124
SMOKED . . . . .	DO	4,647
SABLEFISH:		
FILLETS AND STEAKS, FROZEN . . . . .		
SPECIALTIES, FRESH (IN RICE WINE MASH) . . . . .	DO	20,910
SALTED . . . . .	DO	16,090
SMOKED . . . . .	DO	133,150
SUN-DRIED . . . . .	DO	2,931,864
SALMON:		
FRESH AND FROZEN:		
FILLETS . . . . .	DO	637,732
STEAKS . . . . .	DO	1,150,119
SPECIALTIES (ROE IN RICE WINE, AND BREADED COOKED CAKES) . . . . .	DO	136,865
BAIT . . . . .	DO	895,966
EGGS FOR BAIT . . . . .	DO	42,485
CANNED:		
CHINOOK OR KING . . . . .	STANDARD CASES	91,403
CHUM OR KETA . . . . .	DO	360,314
PINK . . . . .	DO	616,459
RED OR SOCKEYE . . . . .	DO	863,176
SILVER OR COHO . . . . .	DO	136,921
STEELHEAD . . . . .	DO	2,072
TOTAL . . . . .	DO	2,072,345
SMOKED . . . . .		
CAVIAR . . . . .	DO	1,872
EGGS FOR BAIT . . . . .	DO	2,750
SPECIALTIES (DIPS, SPREADS, SALTED LIVERS, CREAMED AND SMOKED PASTE) . . . . .	DO	11,542
CREAMED AND SMOKED PASTE . . . . .	DO	675
SALTED:		
SALTED AND PICKLED . . . . .	POUNDS	395,305
MILD-CURED . . . . .	DO	4,795,640
CAVIAR . . . . .	DO	6,614,947
BELLIES . . . . .	DO	(1)
EGGS FOR BAIT . . . . .	DO	29,852
SMOKED . . . . .	DO	12,327,438
MEAL AND SCRAP . . . . .	TONS	(1)
OIL . . . . .	1,000 POUNDS	147
SARDINES, PACIFIC:		
CANNED . . . . .	STANDARD CASES	(1)
SALTED . . . . .	POUNDS	(1)
SAUGER:		
FILLETS:		
FRESH . . . . .	DO	336,500
FROZEN . . . . .	DO	29,000

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

## GENERAL REVIEW

## PROCESSED FISHERY PRODUCTS, 1967-Continued

ITEM	QUANTITY	VALUE
SEA BASS:		
FILLETS AND STEAKS, FRESH AND FROZEN . . . . .	POUNDS 141,440	\$65,308
SMOKED . . . . .	DO (1)	(1)
SEA TROUT:		
FILLETS:		
FRESH AND FROZEN . . . . .	DO (1)	(1)
BREADED RAW, FROZEN. . . . .	DO (1)	(1)
SHAD:		
FILLETS, FRESH (BONED) . . . . .	DO 25,539	43,672
CANNED:		
FISH . . . . .	STANDARD CASES 5,815	46,378
RDE. . . . .	DO 1,928	182,248
SPECIALTIES (SMOKED) . . . . .	DO (1)	(1)
SMOKED . . . . .	POUNDS 67,981	23,165
SHARKS:		
SMOKED . . . . .	DO 1,445	1,371
FINS AND LEATHERS. . . . .	DO (1)	287,502
OIL, LIVER . . . . .	1,000 POUNDS (1)	(1)
SHEEPSHEAD, SMOKED . . . . .	POUNDS (1)	(1)
SMELT:		
DRESSED, FRESH . . . . .	DO (1)	(1)
FILLETS:		
FRESH. . . . .	DO (1)	(1)
BREADED RAW, FROZEN. . . . .	DO (1)	(1)
SPECIALTIES, BREADED AND COOKED, FROZEN. . . . .	DO 82,900	30,127
SMOKED . . . . .	DO (1)	(1)
FREEZE-DRIED . . . . .	DO (1)	(1)
SNAPPER, RED:		
FILLETS:		
FRESH. . . . .	DO 109,243	129,538
FROZEN . . . . .	DO 333,101	340,548
STEAKS, FRESH AND FROZEN . . . . .	DO 24,900	17,408
SPANISH MACKEREL:		
FILLETS, FRESH AND FROZEN. . . . .	DO 1,452,446	602,511
CANNED . . . . .	STANDARD CASES (1)	(1)
SALTED . . . . .	POUNDS (1)	(1)
SPOT, SALTED . . . . .	DO (1)	(1)
STRIPED BASS FILLETS, FRESH AND FROZEN . . . . .	DO (1)	(1)
STURGEON:		
ROE, FRESH . . . . .	DO (1)	(1)
CANNED:		
SMOKED . . . . .	STANDARD CASES 684	52,220
CAVIAR . . . . .	DO (1)	(1)
SMOKED . . . . .	POUNDS 1,530,380	2,798,162
SWORDFISH:		
STEAKS, FRESH AND FROZEN . . . . .	DO 1,066,524	670,844
SPECIALTIES, FROZEN (IN LEMON BUTTER SAUCE). . . . .	DO (1)	(1)
SMOKED . . . . .	DO 14,904	20,809
OIL, LIVER . . . . .	1,000 POUNDS (1)	(1)
TENPOUNDER, FRESH (SPECIALTIES MIX). . . . .	POUNDS (1)	(1)
TRIGGERFISH, FILLETS, FROZEN . . . . .	DO (1)	(1)
TUNNY:		
SPECIALTIES, FROZEN:		
WITH NOODLES . . . . .	DO 416,805	294,091
OTHER (PIES) . . . . .	DO (1)	(1)
CANNED:		
ALBACORE . . . . .	STANDARD CASES 6,692,057	97,783,454
LIGHTMEAT. . . . .	DO 12,989,579	163,743,834
TOTAL . . . . .	DO 19,681,636	261,527,288
SPECIALTIES:		
SMOKED, CREOLES, SPREADS AND CREAMED . . . . .	DO 42,428	943,657
WITH NOODLES AND BEANS . . . . .	DO 31,908	482,593
ANIMAL FOOD. . . . .	DO 2,710,734	31,614,353
SALTED (PASTE) . . . . .	POUNDS 20,020	13,426
SMOKED . . . . .	DO 66,116	60,659
FREEZE-DRIED . . . . .	DO (1)	(1)
SUN-DRIED. . . . .	DO 88,335	104,264

SEE FOOTNOTES AT END OF TABLE.

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## PROCESSED FISHERY PRODUCTS, 1967-Continued

ITEM	QUANTITY	VALUE
TUNA - CONTINUED:		
MEAL AND SCRAP. . . . .	TONS	(1)
OIL:		
BODY. . . . .	1,000 POUNDS	(1)
LIVER. . . . .	DO	(1)
SOLUBLES. . . . .	TONS	(1)
TUNALIKE FISH (BONITO AND YELLOWTAIL):		
FILLETS, FRESH. . . . .	POUNDS	(1)
CANNED:		
REGULAR. . . . .	STANDARD CASES	311,346
SMOKED. . . . .	DO	(1)
SMOKED. . . . .	POUNDS	41,150
WAHOO: . . . . .		
CANNED. . . . .		
SMOKED. . . . .	STANDARD CASES	(1)
WHITE BASS FILLETS, FRESH AND FROZEN. . . . .	POUNDS	(1)
WHITEFISH:		
FILLETS:		
FRESH. . . . .	DO	407,621
FROZEN. . . . .	DO	71,355
CANNED:		
FISH. . . . .	STANDARD CASES	(1)
CAVIAR. . . . .	DO	3,443
SMOKED. . . . .	POUNDS	2,084,931
WHITING:		
HEADED AND DRESSED, FRESH AND FROZEN. . . . .	DO	28,269,396
FILLETS, FRESH AND FROZEN. . . . .	DO	1,617,631
SMOKED. . . . .	DO	597,926
WOLFFISH FILLETS, FRESH AND FROZEN. . . . .	DO	120,053
YELLOW PERCH:		
FILLETS:		
FRESH. . . . .	DO	2,025,681
FROZEN. . . . .	DO	424,120
BREADED RAW, FRESH AND FROZEN. . . . .	DO	525,371
SMOKED. . . . .	DO	32,230
YELLOW PIKE:		
FILLETS:		
FRESH. . . . .	DO	293,640
FROZEN. . . . .	DO	165,470
BREADED RAW, FROZEN. . . . .	DO	(1)
SMOKED. . . . .	DO	(1)
CRABS:		
BLUE, HARD (INCLUDES ROCK CRABS):		
FRESH AND FROZEN:		
COOKED MEAT. . . . .	DO	16,121,405
SPECIALTIES:		
Cakes and Patties. . . . .	DO	3,948,588
Devised. . . . .	DO	3,698,221
Stuffed. . . . .	DO	161,131
Cutlets. . . . .	DO	343,610
Other (burgers, sticks, portions, soft shell, imperial, cocktails, etc.). . . . .	DO	864,789
CANNED:		
REGULAR. . . . .	STANDARD CASES	39,668
Specialties (bisque, cocktails, dips, paste, smoked, soups and spreads, and roe). . . . .	DO	26,555
Back shells, cleaned and polished. . . . .	TONS	(1)
Meal and scrap. . . . .	TONS	(1)
DUNGNESS:		
FRESH AND FROZEN:		
COOKED MEAT. . . . .	POUNDS	4,804,072
Sections. . . . .	DO	3,776,833
Whole. . . . .	DO	2,072,980
Specialties (cocktails and dips). . . . .	DO	(1)
CANNED:		
REGULAR. . . . .	STANDARD CASES	(3)
Specialties (cocktails and smoked). . . . .	DO	166
Meal and scrap. . . . .	TONS	(1)

SEE FOOTNOTES AT END OF TABLE.

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## PROCESSED FISHERY PRODUCTS, 1967-Continued

ITEM	QUANTITY	VALUE
CRABS - CONTINUED:		
KING:		
FRESH AND FROZEN:		
COOKED MEAT . . . . .	POUNDS	17,110,963
SECTIONS . . . . .	DO	5,149,264
SPECIALTIES (COCKTAILS, DRESSING AND CAKES). . . . .	DO	255,536
CANNED, REGULAR . . . . .	STANDARD CASES	457,873
FREEZE-DRIED . . . . .	POUNDS	(1)
STONE, CLAWS, COOKED, FROZEN . . . . .	DO	(1)
TANNER:		
FRESH AND FROZEN:		
COOKED MEAT . . . . .	DO	1,308
SECTIONS . . . . .	DO	36,875
CANNED, REGULAR . . . . .	STANDARD CASES	241
CRAWFISH:		
COOKED, FRESH:		
MEAT . . . . .	POUNDS	163,700
WHOLE . . . . .	DO	(1)
SPECIALTIES:		
FROZEN (PATTIES, FLAVORING AND BISQUE) . . . . .	DO	53,006
CANNED (BISQUE) . . . . .	STANDARD CASES	(1)
LOBSTERS:		
NORTHERN:		
FRESH AND FROZEN, COOKED MEAT . . . . .	POUNDS	967,893
FROZEN, WHOLE . . . . .	DO	(1)
SPECIALTIES:		
FROZEN (PATTIES, BREADED AND COOKED) . . . . .	DO	(1)
CANNED (MEAT, DIPS, NEWBURGS, CHOWDERS, SOUPS, ETC.) . . . . .	STANDARD CASES	19,032
SPINY:		
FRESH AND FROZEN:		
WHOLE, COOKED . . . . .	POUNDS	1,891,302
TAILS, RAW . . . . .	DO	717,817
MEAT, COOKED . . . . .	DO	(1)
SHRIMP:		
FRESH AND FROZEN:		
RAW, HEADLESS . . . . .	DO	101,089,766
PEELED (INCLUDING DEVEINED):		
RAW . . . . .	DO	32,239,604
COOKED . . . . .	DO	7,101,552
BREADED, RAW AND COOKED . . . . .	DO	94,230,080
SPECIALTIES:		
BURGERS . . . . .	DO	244,897
COCKTAILS (REFRIGERATED) . . . . .	DO	5,403,823
CREOLES, COOKED . . . . .	DO	1,117,254
GUMBO, COOKED . . . . .	DO	194,457
STICKS . . . . .	DO	275,973
STEAKS . . . . .	DO	113,100
STUFFED . . . . .	DO	1,400,598
PATTIES . . . . .	DO	72,572
DINNERS . . . . .	DO	716,706
OTHER (DIPS, COOKED WHOLE, CASSEROLES, DRESSINGS, CREAMED, CURRIES, ETC.) . . . . .	DO	2,515,787
CANNED:		
REGULAR . . . . .	STANDARD CASES	2,496,427
SPECIALTIES (COCKTAILS, CREOLES, DIPS, GUMBO, NEWBURG, CHOWDERS, ETC.) . . . . .	DO	20,084
CURED:		
FREEZE-DRIED . . . . .	POUNDS	(1)
SUN-DRIED . . . . .	DO	352,117
SMOKED . . . . .	DO	(1)
MEAL AND SCRAP . . . . .	TONS	325
ABALONE:		
SHUCKED MEATS, FRESH . . . . .	POUNDS	4,431
STEAKS:		
FRESH AND FROZEN . . . . .	DO	839,785
BREADED RAW, FROZEN . . . . .	DO	(1)
SPECIALTIES, FROZEN (PATTIES, BREADED RAW) . . . . .	DO	(1)

SEE FOOTNOTES AT END OF TABLE.

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# GENERAL REVIEW

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## PROCESSED FISHERY PRODUCTS, 1967-Continued

ITEM	QUANTITY	VALUE
<b>CLAMS:</b>		
<b>FRESH AND FROZEN:</b>		
<b>SHUCKED:</b>		
HARD (INCLUDING SURF AND OCEAN QUAHOG) . . . . .	GALLONS	3,018,678
RANCIA . . . . .	DO	(1)
RAZOR . . . . .	DO	1,996
SOFT . . . . .	DO	897,273
BAIT . . . . .	POUNDS	(1)
<b>SPECIALTIES:</b>		
BREADED, RAW AND COOKED . . . . .	DO	1,839,301
STUFFED, ON THE HALF SHELL . . . . .	DO	429,258
OTHER (COCKTAILS, PATTIES, STRIPS, STUFFED, ETC.) . . . . .	DO	3,766,639
<b>CANNED:</b>		
<b>WHOLE AND MINCED:</b>		
HARD, SOFT AND SURF . . . . .	STANDARD CASES	687,569
RAZOR . . . . .	DO	1,562
CHOWDER AND JUICE (HARD, SOFT AND SURF) . . . . .	DO	1,846,813
SPECIALTIES (DIPS, FRITTERS, SPREADS, ETC.) . . . . .	DO	69,600
<b>CONCHS:</b>		
<b>FRESH AND FROZEN:</b>		
MEAT . . . . .	POUNDS	460,650
STEAMED . . . . .	DO	(1)
SPECIALTIES (IN SAUCES) . . . . .	DO	(1)
<b>CANNED:</b>		
MEAT . . . . .	STANDARD CASES	6,066
SPECIALTIES . . . . .	DO	(1)
<b>MUSSELS, SEA:</b>		
SPECIALTIES, FROZEN (IN TOMATO SAUCE) . . . . .	POUNDS	(1)
CANNED (MEAT AND BISQUE) . . . . .	STANDARD CASES	(1)
<b>MUSSELS, FRESH-WATER (SHELL PRODUCTS):</b>		
BUTTONS . . . . .	GROSS	(1)
LIME AND CHIPS . . . . .	TONS	(1)
<b>OCTOPUS:</b>		
FROZEN, RAW FOR BAIT . . . . .	POUNDS	190
SUN-DRIED . . . . .	DO	(1)
<b>OYSTERS:</b>		
<b>EASTERN:</b>		
SHUCKED, FRESH AND FROZEN . . . . .	GALLONS	3,839,678
STEAMED . . . . .	POUNDS	851,800
<b>SPECIALTIES, FROZEN:</b>		
BREADED, RAW AND COOKED . . . . .	DO	4,126,646
STEWES, COOKED . . . . .	DO	763,192
OTHER (COCKTAILS, REFRIGERATED, DRESSING, AND PIES) . . . . .	DO	105,591
<b>PACIFIC:</b>		
SHUCKED, FRESH AND FROZEN . . . . .	GALLONS	757,459
BREADED RAW, FROZEN . . . . .	POUNDS	(1)
WESTERN, SHUCKED, FRESH AND FROZEN . . . . .	GALLONS	4,440
<b>CANNED:</b>		
REGULAR (EASTERN AND PACIFIC) . . . . .	STANDARD CASES	330,187
<b>SPECIALTIES:</b>		
SMOKED . . . . .	DO	492
STEWES . . . . .	DO	241,844
BISQUE, SOUPS, ETC. . . . .	DO	704
ANIMAL FOOD . . . . .	DO	(1)
<b>SHELL PRODUCTS:</b>		
CRUSHED SHELL FOR POULTRY GRIT . . . . .	TONS	223,582
LIME, BURNED AND UNBURNED . . . . .	DO	87,785
<b>SCALLOPS:</b>		
<b>SHUCKED, FRESH AND FROZEN:</b>		
BAY . . . . .	GALLONS	128,893
CALICO . . . . .	DO	170,980
SEA . . . . .	POUNDS	2,405,731
BREADED, RAW AND COOKED, FROZEN . . . . .	DO	8,878,086
<b>SPECIALTIES:</b>		
FROZEN (IN SAUCES AND DINNERS) . . . . .	DO	640,825
CANNED (IN SAUCES) . . . . .	STANDARD CASES	(1)

SEE FOOTNOTES AT END OF TABLE.

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# GENERAL REVIEW

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## PROCESSED FISHERY PRODUCTS, 1967-Continued

ITEM	QUANTITY	VALUE
SQUID:		
FRESH AND FROZEN:		
NATURAL	POUNDS	7,374,938
SPECIALTIES (IN TOMATO SAUCE)	DO	(1)
CANNED	STANDARD CASES	304,476
SALTED WITH HOT SAUCE	POUNDS	(1)
TURTLE:		
MEAT, FRESH AND FROZEN	DO	31,147
CANNED (MEAT, SOUPS, ETC.)	STANDARD CASES	7,945
OIL	1,000 POUNDS	(1)
FROG LEGS FROZEN	POUNDS	(1)
WHALE:		
MEAT, FROZEN (FOR ANIMAL FOOD)	DO	1,927,034
MEAL AND SCRAP	TONS	1,112
OIL:		
SPERM	1,000 POUNDS	964
OTHER	DO	1,519
UNCLASSIFIED:		
FRESH AND FROZEN PACKAGED:		
FISH:		
FILLET AND STEAKS, RAW NOT BREADED	POUNDS	1,232,714
STICKS, BREADED:		
RAW	DO	4,020,500
COOKED	DO	69,888,266
PORTIONS:		
RAW:		
NOT BREADED	DO	8,281,560
BREADED	DO	115,746,159
BREADED AND COOKED	DO	37,285,615
FILLET AND STEAKS, BREADED, RAW AND COOKED	DO	598,934
FISH AND SHELLFISH:		
CAKES, RAW, BREADED AND COOKED	DO	5,100,061
CANNERS, BREADED, RAW AND COOKED	DO	5,726,022
SPECIALTIES	DO	10,513,488
CANNED FISH AND SHELLFISH:		
GEFILTEFISH	STANDARD CASES	303,454
ANIMAL FOOD	DO	7,584,725
MISCELLANEOUS (CHOWDERS, GUMBOS, AND UNCLASSIFIED FISH AND SHELLFISH)	DO	132,063
CURED:		
SALTED	POUNDS	6,088,279
SMOKED	DO	242,767
FREEZE-DRIED	DO	1,047,850
SUN-DRIED	DO	55,686
MEAL AND SCRAP:		
TUNA AND MACKEREL	TONS	25,487
CRAB	DO	9,424
UNCLASSIFIED	DO	27,701
OIL:		
TUNA AND MACKEREL	1,000 POUNDS	5,218
UNCLASSIFIED	DO	3,096
FISH SOLUBLES	TONS	22,707
OTHER:		
MARINE AND MUSSEL SHELL BUTTONS	GROSS	212,624
MISCELLANEOUS (AGAR AGAR, IRISH MOSS EXTRACTS, KELP, FISH FEED PELLETS, ETC.)	-	18,019,873
GRAND TOTAL	-	1,219,711,243

1/ INCLUDED WITH UNCLASSIFIED.

2/ INCLUDED WITH FILLET PRODUCTION.

3/ THE PRODUCTION OF CANNED DUNGENESS CRAB MEAT HAS BEEN INCLUDED WITH KING CRAB.

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

# GENERAL REVIEW

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## CURED FISHERY PRODUCTS, 1967

ITEM	POUNDS	VALUE
<b>SALTED (INCLUDES SPICEO AND PICKLED):</b>		
ALEWIVES . . . . .	9,938,705	\$1,545,342
SEA . . . . .	1,278,936	521,207
COO . . . . .		
<b>HERRING:</b>		
LAKE . . . . .	936,140	273,100
SEA . . . . .	9,987,057	4,685,634
MACKEREL, ATLANTIC . . . . .	214,750	72,980
MULLET . . . . .	493,616	118,684
SABLEFISH . . . . .	133,150	52,400
SALMON . . . . .	11,835,744	12,370,463
TUNA . . . . .	20,020	13,426
OTHER (CHUBS, EELS, SEA HERRING, POLLOCK, PACIFIC SARDINES, SPANISH MACKEREL, SPOT AND SQUID) . . . . .	6,088,279	3,302,034
<b>TOTAL . . . . .</b>	<b>40,926,397</b>	<b>22,955,470</b>
<b>SMOKEO:</b>		
ALEWIVES . . . . .	9,675	968
BARRACUOA . . . . .	8,409	5,054
BUFFALOFISH . . . . .	29,700	27,030
BUTTERFISH . . . . .	20,350	14,858
CARP . . . . .	263,850	117,408
CATFISH . . . . .	13,955	10,475
CHUBS . . . . .	9,624,353	6,406,274
COO . . . . .	165,273	86,025
EELS . . . . .	155,240	130,413
HACDOCK . . . . .	86,665	38,068
HALIBUT . . . . .	346,408	154,251
<b>HERRING:</b>		
LAKE . . . . .	171,166	54,074
SEA . . . . .	233,845	86,325
LAKE TROUT . . . . .	35,202	32,096
<b>MACKEREL:</b>		
ATLANTIC . . . . .	64,165	35,074
PACIFIC . . . . .	832	428
PADOLEFISH . . . . .	59,060	48,289
POLLOCK . . . . .	290,780	70,866
ROCKFISHES . . . . .	6,647	2,738
SABLEFISH . . . . .	2,931,864	2,232,294
SALMON . . . . .	12,327,438	19,536,912
SHAD . . . . .	67,981	23,165
SHARKS . . . . .	1,445	1,371
STURGEON . . . . .	1,530,380	2,798,162
SWORDFISH . . . . .	14,904	20,809
TUNA . . . . .	65,116	60,659
TUNALIKE (BONITO AND YELLOWTAIL) . . . . .	41,150	25,453
WHITFISH . . . . .	2,084,931	2,001,709
WHITING . . . . .	597,926	230,769
YELLOW PERCH . . . . .	32,230	16,417
OTHER (BROWN TROUT, CARP, GARFISH, KING MACKEREL, SEA BASS, LINGCOD, MOONEYE, OCEAN PERCH, SHEEPSHEAD, PIKE OR PICKEREL, SMELT, WAHOO, YELLOW PIKE, SHRIMP, HAKE, AND UNCLASSIFIED) . . . . .	242,767	130,846
<b>TOTAL . . . . .</b>	<b>31,521,707</b>	<b>34,399,290</b>
<b>SUN-ORIED:</b>		
BIGEYE SCAD . . . . .	23,841	21,338
TUNA . . . . .	88,335	104,264
SHRIMP . . . . .	352,117	582,254
OTHER (COO, SABLEFISH, OCTOPUS AND UNCLASSIFIED) . . . . .	55,686	32,551
<b>TOTAL . . . . .</b>	<b>519,979</b>	<b>740,407</b>
<b>FREEZE-DRIED (COO, FLOUNDER, SMELT, TUNA, KING CRAB, SHRIMP, AND UNCLASSIFIED) . . . . .</b>		
	<b>1,047,850</b>	<b>6,559,135</b>
<b>GRAND TOTAL . . . . .</b>	<b>74,015,933</b>	<b>64,654,302</b>

NOTE:--PRODUCTS ARE SHOWN IN AN INTERMEDIATE AND ALSO A MORE ADVANCED STAGE OF PROCESSING.

# GENERAL REVIEW

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## CANNED FISHERY PRODUCTS, 1967

The pack of canned fishery products in the United States, American Samoa, and Puerto Rico was 41.2 million standard cases (1.2 billion pounds) worth \$525.6 million to the packers--an increase of 456,200 cases but a decline of \$38.1 million compared with 1966. Principal cause of the lower value was a 44 percent decline in the value of the canned salmon pack. The greater production was the result mainly of a record pack of canned animal food and increases in the packs of shrimp, oysters, squid, and tunalike fish. The packs of tuna, mackerel, Marine sardines, crab meat, and clam products were slightly smaller than in the previous year.

Compared with 1966, the pack for human consumption (698.7 million pounds) declined 123.7 million but the pack for bait and animal food (499.7 million) increased 134.5 million pounds. The value of three items--tuna, animal food, and salmon--accounted for 79 percent of the total value received by producers of canned fishery products. Animal food containing less than 10 pounds of fish per standard case of 48 pounds (3,940,335 standard cases worth \$17,113,330) has been excluded from the tabulation.

**Tuna.** The pack of canned tuna was 19.7 million cases (388.8 million pounds) worth \$261.5 million--a decline of 271,900 cases (5.4 million pounds) and \$8.7 million compared with the record volume and value of the previous year. The Pacific coast led in production with 53 percent of the total, followed by Puerto Rico with 30 percent; and the Atlantic coast, Hawaii, and American Samoa with 17 percent. In 1967, areas other than California accounted for 54 percent of the pack; in 1966, they accounted for only 17 percent. The greater production in Puerto Rico and American Samoa has contributed largely to this increase.

**Salmon.** The pack of canned salmon was one of the smallest since the turn of the century. The 2.1-million case pack (99.5 million pounds) worth \$76.1 million was 2.3 million cases (109.7 million pounds) and \$60.0 million less than 1966. The combined Washington and Oregon production was one of the best in recent years but the Alaska pack was down sharply. In 1967, Alaska accounted for 71 percent of the volume and 68 percent of the value of the total pack.

**Sardines.** The pack of canned Maine sardines (sea herring) was 1.2 million standard cases worth \$13.9 million--a decline of 82,100 cases but an increase of \$1.6 million compared with

the previous year. Maine landings of sea herring improved slightly and imports of fresh Canadian sea herring (used principally for canning and reduction in Maine) were considerably greater than in 1966.

**Mackerel.** The pack of canned mackerel (283,000 cases worth \$2.4 million) was 129,800 cases and \$983,400 less than in 1966. Jack mackerel accounted for 99 percent of both the volume and value of the pack.

**Shrimp.** The pack of canned shrimp was 2.5 million cases (24 cans to a case each containing 4-1/2 ounces of meats) worth \$24.3 million--an increase of 392,500 cases and \$2.4 million compared with the previous year. Production in the Gulf States was about the same as in 1966 but, unlike that year, the spring pack was extremely large and the fall pack unusually small. This permitted orderly marketing of the heavy inventories packed in the earlier season. In the Pacific Northwest, the pack of shrimp increased from 197,600 cases in 1966 to 482,700 cases in 1967, as the result of a record catch of shrimp in Alaska.

**Clams.** The pack of canned clams and clam products was 2.5 million cases worth \$21.7 million--a decline of 84,000 cases but an increase of \$600,600 compared with the previous year. The record pack of whole and minced clams (689,100 cases worth \$9 million) accounted for 27 and 41 percent, respectively, of the volume and value of the pack.

**Crabs.** The pack of canned crab meat was 497,800 cases worth \$16.1 million--a decline of 66,400 cases and \$327,400 compared with 1966. The pack of blue crab meat (39,700 cases) and of king crab meat in Alaska (400,000 cases) was 8,800 cases and 45,900 cases less, respectively, than in the previous year.

**Oysters.** The oyster pack of 330,200 cases worth \$6.2 million was 130,200 cases and \$3.0 million more than in 1966. Production of oyster specialties (smoked, stews, bisque, and soups) was 243,000 cases--compared with 282,900 cases in the previous year.

**Animal food.** The pack of canned animal food containing 10 pounds or more of raw fish per standard case (48 one-pound cans) was 10.4 million cases worth \$78.3 million--an increase of 37 percent in volume and 43 percent in value compared with 1966.

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## SUMMARY OF PRODUCTION, BY COMMODITIES, 1967

PRODUCT	NUMBER OF PLANTS	STANDARD CASES	POUNDS PER CASE	POUNDS	VALUE
<b>CANNED PRODUCTS:</b>					
<b>FOR HUMAN CONSUMPTION:</b>					
SALMON . . . . .	108	2,072,345	48	99,472,560	\$76,121,342
SARDINES, MAINE . . . . .	23	1,250,411	23.4	29,259,617	13,662,330
<b>TUNA:</b>					
SOLID . . . . .	28	4,649,435	21	101,639,135	74,820,315
CHUNKS . . . . .	20	13,351,327	19.5	260,350,877	173,466,960
FLAKES AND GRATED . . . . .	20	1,480,674	18	26,655,732	13,240,013
TOTAL . . . . .	<u>1/28</u>	<u>19,681,636</u>	<u>-</u>	<u>388,844,744</u>	<u>261,527,288</u>
TUNALIKE FISH . . . . .	6	311,346	21-19.5-18	5,996,271	2,528,466
ALEWIVES . . . . .	7	109,929	45	4,946,805	506,069
MACKEREL . . . . .	5	282,958	45	12,733,110	2,362,688
SHAD . . . . .	5	5,615	45	261,675	46,378
GEFILTEFISH . . . . .	4	303,454	48	14,565,792	4,776,275
SALMON, SMOKED . . . . .	36	1,872	48	89,856	165,249
STURGEON, SMOKED . . . . .	13	684	48	32,832	52,220
<b>TUNA SPECIALTIES:</b>					
SMOKED, CREAMED, SPREADS, AND CREOLES . . . . .	10	42,428	48	2,036,544	943,657
WITH NOODLES AND BEANS . . . . .	4	31,908	48	1,531,564	482,593
ANCHOVY PASTE . . . . .	4	1,396	48	67,008	98,378
MISCELLANEOUS FISH SPECIALTIES . . . . .	22	122,160	48	5,863,690	1,899,813
FISH ROE AND CAVIAR . . . . .	22	53,352	48	2,560,896	3,473,656
TOTAL FISH . . . . .	<u>-</u>	<u>24,271,694</u>	<u>-</u>	<u>568,262,974</u>	<u>368,847,424</u>
CRAB MEAT . . . . .	27	497,782	19.5	9,706,749	16,117,063
CRAB MEAT SPECIALTIES . . . . .	8	26,721	48	1,282,608	449,282
LOBSTER MEAT AND SPECIALTIES . . . . .	6	19,032	48	913,536	443,256
SHRIMP . . . . .	26	2,496,427	6.75	2/16,830,882	24,332,213
SHRIMP SPECIALTIES . . . . .	9	20,084	48	964,032	395,701
<b>CLAMS AND CLAM PRODUCTS:</b>					
WHOLE . . . . .	8	14,584	15	3/ 218,760	273,012
MINCED . . . . .	15	674,547	15	3/10,118,205	8,678,280
CHOWDER . . . . .	15	1,692,194	30	3/50,703,120	11,884,924
JUICE . . . . .	10	156,739	30	3/ 4,701,270	889,342
TOTAL . . . . .	<u>1/32</u>	<u>2,535,944</u>	<u>-</u>	<u>3/65,741,355</u>	<u>21,725,558</u>
CLAM SPECIALTIES . . . . .	12	69,660	48	3,343,680	1,420,805
CONCH MEAT . . . . .	3	6,066	48	291,168	177,325
OYSTERS . . . . .	22	330,187	14	2/4,622,618	6,182,076
<b>OYSTER SPECIALTIES:</b>					
SMOKED . . . . .	6	492	48	23,616	44,494
STEWES . . . . .	6	241,844	48	11,608,512	3,911,132
BISQUE AND SOUPS . . . . .	5	704	48	33,792	15,154
SQUID . . . . .	7	304,476	48	14,614,848	1,438,645
TURTLE MEAT, SOUPS, AND STEWS . . . . .	6	7,945	48	381,360	201,546
MISCELLANEOUS SHELLFISH SPECIALTIES . . . . .	5	2,027	48	97,296	38,402
TOTAL SHELLFISH . . . . .	<u>-</u>	<u>6,559,391</u>	<u>-</u>	<u>130,476,052</u>	<u>76,862,652</u>
TOTAL FOR HUMAN CONSUMPTION . . . . .	<u>-</u>	<u>30,831,085</u>	<u>-</u>	<u>698,739,026</u>	<u>445,710,076</u>
<b>BAIT AND ANIMAL FOOD:</b>					
ANIMAL FOOD . . . . .	51	10,397,898	48	499,099,104	78,255,879
SALMON EGGS FOR BAIT . . . . .	7	11,542	48	554,016	1,597,308
TOTAL BAIT AND ANIMAL FOOD . . . . .	<u>1/57</u>	<u>10,409,440</u>	<u>-</u>	<u>499,653,120</u>	<u>79,853,187</u>
GRAND TOTAL . . . . .	<u>1/314</u>	<u>41,240,525</u>	<u>-</u>	<u>1,198,392,146</u>	<u>525,563,263</u>

1/ EXCLUSIVE OF DUPLICATION.

2/ DRAINED WEIGHT.

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

NOTE:--LIST OF CANNERS OF FISHERY PRODUCTS BY INDIVIDUAL COMMODITIES MAY BE OBTAINED FROM THE U.S. DEPARTMENT OF THE INTERIOR, BUREAU OF COMMERCIAL FISHERIES, DIVISION OF STATISTICS AND MARKET NEWS, 1801 N. MOORE STREET, ARLINGTON, VIRGINIA 22209

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## VALUE OF PRODUCTION, BY STATES, 1967

STATE	CANNED FISHERY PRODUCTS
	VALUE
MAINE . . . . .	\$19,441,491
MASSACHUSETTS AND CONNECTICUT . . . . .	23,034,580
NEW YORK . . . . .	5,784,031
NEW JERSEY . . . . .	16,479,492
PENNSYLVANIA AND DELAWARE . . . . .	7,428,727
MARYLAND . . . . .	4,895,859
VIRGINIA . . . . .	1,232,690
NORTH CAROLINA AND SOUTH CAROLINA . . . . .	1,678,620
FLORIDA, ALABAMA AND TEXAS . . . . .	766,883
MISSISSIPPI . . . . .	15,134,194
LOUISIANA . . . . .	19,873,613
ILLINOIS, KANSAS AND NEBRASKA . . . . .	413,154
OHIO, MICHIGAN AND WISCONSIN . . . . .	1,917,940
ALASKA . . . . .	68,885,466
WASHINGTON . . . . .	32,299,722
OREGON . . . . .	30,683,619
CALIFORNIA . . . . .	145,127,936
HAWAII AND AMERICAN SAMOA . . . . .	43,568,004
PUERTO RICO . . . . .	84,895,242
TOTAL . . . . .	525,563,263



## FACTORS USED TO CONVERT STANDARD CASES TO POUNDS

PRODUCT	1940 AND PRIOR YEARS	1941	1942	1943	1944 TO 1947
	POUNDS PER CASE	POUNDS PER CASE	POUNDS PER CASE	POUNDS PER CASE	POUNDS PER CASE
SARDINES:					
MAINE . . . . .	25	25	20.3	20.3	20.3
PACIFIC . . . . .	48	48	45	45	45
TUNA AND TUNALIKE FISHES:					
SOLID . . . . .	24	21	22.5	22.5	21
CHUNKS . . . . .	-	-	-	-	(1)
FLAKES . . . . .	24	21	18	18	18
MACKEREL . . . . .	48	48	45	45	45
ALEWIVES . . . . .	48	48	48	45	45
ANCHOVIES . . . . .	48	48	48	48	48
SHAD . . . . .	48	48	48	48	45
FISH FLAKES . . . . .	48	48	48	48	42
OYSTERS . . . . .	15	15	15	22.5	22.5
SHRIMP, WET PACK . . . . .	17.25	17.25	21	21	21
CLAM PRODUCTS:					
WHOLE AND MINCED . . . . .	15	15	15	15	15
JUICE, CHOWDER, BROTH, ETC. . . . .	30	30	30	30	30
CRABS . . . . .	2/39	39	39	39	39
ALL OTHER . . . . .	48	48	48	48	48
PRODUCT	1948 TO 1951	1952	1953 TO 1957	1958 TO 1964	1965 TO 1967
	POUNDS PER CASE	POUNDS PER CASE	POUNDS PER CASE	POUNDS PER CASE	POUNDS PER CASE
SARDINES:					
MAINE . . . . .	20.3	20.3	20.3	23.4	23.4
PACIFIC . . . . .	45	45	45	45	45
TUNA AND TUNALIKE FISHES:					
SOLID . . . . .	21	21	21	21	21
CHUNKS . . . . .	(1)	19.5	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	31.25	31.25	31.25
SHAD . . . . .	45	45	45	45	45
FISH FLAKES . . . . .	42	42	48	48	48
OYSTERS . . . . .	14	14	14	14	14
SHRIMP, WET PACK . . . . .	15	15	15	13	6.75
CLAM PRODUCTS:					
WHOLE AND MINCED . . . . .	15	15	15	15	15
JUICE, CHOWDER, BROTH, ETC. . . . .	30	30	30	30	30
CRABS . . . . .	19.5	19.5	19.5	19.5	19.5
ALL OTHER . . . . .	48	48	48	48	48

1/ PRIOR TO 1952 CHUNK PACK TUNA WAS INCLUDED WITH THE FLAKE PACK. 2/ PRIOR TO 1939 THE PACK OF CRAB MEAT CONTAINED 48 POUNDS PER CASE. NOTE:--THE FACTORS LISTED ABOVE WERE USED IN CONVERTING THE STANDARD CASES REPORTED IN THE CANNED FISHERY PRODUCTS BULLETINS FOR THE YEARS INDICATED.

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## PLANTS PRODUCING CANNED FISHERY PRODUCTS, 1967

AREA AND STATE	NUMBER OF PLANTS
<b>NEW ENGLAND:</b>	
MAINE . . . . .	28
MASSACHUSETTS . . . . .	5
CONNECTICUT . . . . .	1
TOTAL . . . . .	34
<b>MIDDLE ATLANTIC:</b>	
NEW YORK . . . . .	10
NEW JERSEY . . . . .	14
PENNSYLVANIA . . . . .	6
DELAWARE . . . . .	1
TOTAL . . . . .	31
<b>CHESAPEAKE BAY:</b>	
MARYLAND . . . . .	3
VIRGINIA . . . . .	8
TOTAL . . . . .	11
<b>SOUTH ATLANTIC AND GULF:</b>	
NORTH CAROLINA . . . . .	4
SOUTH CAROLINA . . . . .	2
FLORIDA . . . . .	3
ALABAMA . . . . .	1
MISSISSIPPI . . . . .	12
LOUISIANA . . . . .	21
TEXAS . . . . .	2
TOTAL . . . . .	45
<b>GREAT LAKES AND MISSISSIPPI RIVER:</b>	
ILLINOIS . . . . .	2
KANSAS . . . . .	1
MICHIGAN . . . . .	1
NEBRASKA . . . . .	1
OHIO . . . . .	1
WISCONSIN . . . . .	3
TOTAL . . . . .	9
<b>PACIFIC COAST:</b>	
WASHINGTON . . . . .	50
OREGON . . . . .	20
CALIFORNIA . . . . .	19
ALASKA . . . . .	88
TOTAL . . . . .	177
HAWAII . . . . .	1
AMERICAN SAMOA . . . . .	2
PUERTO RICO . . . . .	4
GRAND TOTAL . . . . .	314



## GENERAL REVIEW

## PACK OF SALMON, 1967

(STANDARD CASES)

SPECIES	ALASKA		WASHINGTON	
	CASES	VALUE	CASES	VALUE
CHINOOK OR KING . . .	45,112	\$1,816,323	7,694	\$241,073
CHUM OR KETA . . . .	340,896	9,092,549	17,464	433,761
PINK . . . . .	329,124	10,037,230	263,546	8,439,186
RED OR SOCKEYE . . .	682,265	28,901,282	170,835	8,667,064
SILVER OR COHO . . .	66,509	2,214,133	25,812	850,051
TOTAL . . . . .	1,464,006	52,081,517	485,051	18,631,135

SPECIES	OREGON		TOTAL	
	CASES	VALUE	CASES	VALUE
CHINOOK OR KING . . .	1/38,597	1/1,829,904	91,403	\$3,887,300
CHUM OR KETA . . . .	1,954	55,474	360,314	9,381,784
PINK . . . . .	23,789	817,566	616,459	19,313,982
RED OR SOCKEYE . . .	10,276	566,550	863,176	38,134,896
SILVER OR COHO . . .	46,600	2,044,597	138,921	5,108,781
STEELHEAD . . . . .	2,072	94,599	2,072	94,599
TOTAL . . . . .	123,288	5,408,690	2,072,345	76,121,342

1/ INCLUDES A SMALL PACK PRODUCED IN CALIFORNIA.

NOTE:--"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 25 PLANTS IN WASHINGTON; 11 IN OREGON, 70 IN ALASKA, AND 2 IN CALIFORNIA. THE PACK OF SMOKED SALMON IS INCLUDED IN THE TABLE "PACK OF MISCELLANEOUS FISHERY PRODUCTS."

## PACK OF SALMON, BY CAN SIZES, 1967

(STANDARD CASES)

STATE AND SPECIES	CAN SIZE							
	4-POUND TALL		1-POUND TALL		1/2-POUND FLAT		1/4-POUND FLAT	
	CASES	VALUE	CASES	VALUE	CASES	VALUE	CASES	VALUE
ALASKA:								
CHINOOK OR KING . .	35	\$1,184	11,371	\$355,828	32,915	\$1,424,703	791	\$34,608
CHUM OR KETA . . . .	19,312	492,047	278,638	7,383,139	42,935	1,217,011	11	352
PINK . . . . .	13,951	426,722	246,328	7,264,219	68,663	2,358,983	182	7,306
RED OR SOCKEYE . . .	2,973	113,450	375,253	14,165,568	236,836	12,041,061	49,303	2,591,203
SILVER OR COHO . . .	8,316	284,200	40,217	1,271,787	14,862	543,196	3,114	134,950
TOTAL . . . . .	44,567	1,297,603	949,807	30,440,541	416,211	17,564,954	53,401	2,756,419
WASHINGTON:								
CHINOOK OR KING . .	8	240	3,305	62,044	4,022	159,089	359	19,700
CHUM OR KETA . . . .	6,452	169,116	10,346	245,555	646	18,418	20	672
PINK . . . . .	21,679	644,545	141,238	4,341,532	97,966	3,346,589	2,663	106,520
RED OR SOCKEYE . . .	2,011	76,210	5,381	191,066	119,117	5,810,067	44,026	2,589,721
SILVER OR COHO . . .	3,740	117,451	9,532	253,872	9,953	364,333	2,587	114,395
TOTAL . . . . .	33,890	1,007,562	169,802	5,094,069	231,704	9,698,496	49,655	2,831,008
OREGON:								
CHINOOK OR KING . .	-	-	2,094	78,348	1/35,241	1/1,670,517	1/1,262	1/81,089
CHUM OR KETA . . . .	-	-	1,623	45,444	331	10,030	-	-
PINK . . . . .	-	-	3,875	110,624	19,911	706,822	3	120
RED OR SOCKEYE . . .	-	-	183	7,320	4,152	204,425	5,941	354,805
SILVER OR COHO . . .	-	-	3,804	95,275	17,713	662,941	25,083	1,286,381
STEELHEAD . . . . .	-	-	-	-	786	31,706	1,286	62,893
TOTAL . . . . .	-	-	11,579	337,011	78,134	3,286,441	33,575	1,785,238
GRAND TOTAL . . . .	78,477	2,305,165	1,131,188	35,871,621	726,049	30,569,891	136,631	7,374,665

1/ INCLUDES A SMALL PACK PRODUCED IN CALIFORNIA.

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



# GENERAL REVIEW

## WASHINGTON AND OREGON SALMON PACK BY DISTRICTS, 1967

(STANDARD CASES)

SPECIES	PUGET SOUND		COLUMBIA RIVER		COASTAL		TOTAL	
	CASES	VALUE	CASES	VALUE	CASES	VALUE	CASES	VALUE
CHINOOK OR KING. . . . .	2,664	\$47,989	42,856	\$1,990,435	1,771	1/\$32,533	46,291	\$2,070,977
CHUM OR KETA . . . . .	16,567	410,439	2,951	78,796	-	-	19,418	489,235
PINK . . . . .	263,546	8,439,186	23,759	816,626	30	940	287,335	9,256,752
RED OR SOCKEYE . . . . .	167,689	8,521,116	13,088	710,594	34	1,904	180,811	9,233,614
SILVER OR COHO . . . . .	23,656	787,968	48,612	2,100,202	144	6,478	72,412	2,894,648
STEELHEAD. . . . .	-	-	2,072	94,599	-	-	2,072	94,599
<b>TOTAL . . . . .</b>	<b>474,122</b>	<b>16,206,696</b>	<b>133,238</b>	<b>5,791,252</b>	<b>979</b>	<b>41,675</b>	<b>608,339</b>	<b>24,039,825</b>

1/ INCLUDES A SMALL PACK FROM CALIFORNIA.

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, 1967

(STANDARD CASES)

SPECIES	PUGET SOUND FISH	ALASKAN FISH	TOTAL FISH
	CASES	CASES	CASES
CHINOOK OR KING. . . . .	2,656	8	2,664
CHUM OR KETA . . . . .	11,497	5,070	16,567
PINK . . . . .	256,373	7,173	263,546
RED OR SOCKEYE . . . . .	159,828	7,661	167,489
SILVER OR COHO . . . . .	19,878	3,778	23,656
<b>TOTAL . . . . .</b>	<b>450,232</b>	<b>23,690</b>	<b>474,122</b>

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, 1967

STYLE OF PACK	STANDARD CASES	VALUE
IN SOYBEAN OIL . . . . .	1,087,459	\$12,090,091
IN MUSTARD SAUCE . . . . .	122,889	1,309,739
IN TOMATO SAUCE . . . . .	37,460	423,094
OTHER (OLIVE AND PEANUT OILS). . . . .	2,604	39,406
<b>TOTAL . . . . .</b>	<b>1,250,411</b>	<b>13,862,330</b>

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 23 PLANTS IN MAINE.

## PACK OF PACIFIC SARDINES, 1967

THE 1967 PACK OF PACIFIC SARDINES WAS THE LOWEST ON RECORD. LESS THAN THREE PLANTS WERE IN OPERATION. PRODUCTION OF CANNED PACIFIC SARDINES HAS BEEN INCLUDED IN THE TABLE "PACK OF MISCELLANEOUS FISHERY PRODUCTS."



## GENERAL REVIEW

## PACK OF TUNA, 1967

(STANDARD CASES)

SPECIES	CALIFORNIA		WASHINGTON AND OREGON		ATLANTIC COAST, HAWAII AND TERRITORIES		TOTAL	
	CASES	VALUE	CASES	VALUE	CASES	VALUE	CASES	VALUE
ALBACORE:								
SOLID PACK . . . . .	1,186,727	\$18,410,658	757,359	\$13,345,645	2,036,390	\$30,792,239	3,980,476	\$62,548,742
CHUNKS . . . . .	568,961	7,978,035	192,943	2,840,521	1,421,447	19,612,906	2,183,351	30,431,462
FLAKES AND GRATED . . . . .	129,446	1,197,495	119,637	1,098,766	279,147	2,506,969	528,230	4,803,250
TOTAL . . . . .	1,885,134	27,586,188	1,069,939	17,285,132	3,736,984	52,912,134	6,692,057	97,783,454
LIGHT MEAT:								
SOLID PACK . . . . .	623,667	8,796,336	(1)	(1)	245,292	3,475,237	868,959	12,271,573
CHUNKS . . . . .	5,963,254	75,632,694	438,598	5,463,217	4,766,124	61,939,587	11,167,976	143,035,496
FLAKES AND GRATED . . . . .	490,357	4,284,858	(1)	(1)	462,287	4,151,905	952,644	8,436,763
TOTAL . . . . .	7,077,278	88,713,888	438,598	5,463,217	5,473,703	69,566,729	12,989,579	163,743,834
GRAND TOTAL . . . . .	8,962,412	116,300,076	1,508,537	22,748,349	9,210,687	122,478,863	19,681,636	261,527,288

1/ A SMALL PACK IS INCLUDED WITH ALBACORE. 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. THE PACK OF DIETETIC TUNA IS INCLUDED IN THESE TOTALS. TUNA WERE CANNED IN 7 PLANTS IN CALIFORNIA, 6 PLANTS IN OREGON, 4 PLANTS IN WASHINGTON, 4 PLANTS IN PUERTO RICO, 2 PLANTS IN AMERICAN SAMOA, AND 1 PLANT EACH IN MAINE, MARYLAND, AND HAWAII. DATA ON THE PACK OF TUNA SPECIALTIES CAN BE FOUND IN THE TABLE "PACK OF MISCELLANEOUS FISHERY PRODUCTS." THE PACK OF TUNA FOR ANIMAL FOOD IS NOT INCLUDED IN THE ABOVE TABLE.

## PACK OF TUNA, BY CAN SIZES, 1967

CAN AND CASE SIZE	ACTUAL CASES	VALUE
4 POUND . . . . .	(12 CANS) . . . . .	325,603
1 POUND . . . . .	(48 CANS) . . . . .	803,188
1/2 POUND . . . . .	(96 CANS) . . . . .	15,165,144
1/4 POUND . . . . .	(192 CANS) . . . . .	1,217,217
4 OUNCES . . . . .	(100 CANS) . . . . .	31,734
9-1/4 OUNCES . . . . .	(24 CANS) . . . . .	2,336,158
OTHER SIZES (CONVERTED TO STANDARD CASES) . . . . .		6,474
TOTAL . . . . .		19,905,518
		261,527,288

## PACK OF TUNA, BY AREAS AND STATES, 1967

(STANDARD CASES)

AREA AND STATE	CASES	VALUE	AREA AND STATE	CASES	VALUE
PACIFIC COAST:			OTHER:		
WASHINGTON . . . . .	126,265	\$1,565,272	MAINE, MARYLAND, HAWAII, AND AMERICAN SAMOA . . . . .	3,358,640	\$45,429,997
OREGON . . . . .	1,362,252	21,183,077	PUERTO RICO . . . . .	5,852,047	77,048,866
CALIFORNIA . . . . .	8,962,412	116,300,076	TOTAL . . . . .	9,210,687	122,478,863
TOTAL . . . . .	10,470,949	139,048,425	GRAND TOTAL . . . . .	19,681,636	261,527,288

## PACK OF TUNALIKE FISH, 1967

SPECIES	STANDARD CASES	VALUE
BONITO: SOLID PACK, CHUNKS, AND FLAKES OR GRATED. . . . .	311,346	\$2,526,466

NOTE:--"STANDARD CASES" REPRESENT THE EQUIVALENT OF FORTY-EIGHT NO. 1/2 TUNA CANS TO THE CASE, EACH CONTAINING 7 OUNCES NET WEIGHT OF SOLID PACK. TUNALIKE FISHES WERE CANNED IN 5 PLANTS IN CALIFORNIA, AND 1 PLANT IN FLORIDA.

# GENERAL REVIEW

## PACK OF ALEWIVES, 1967

STATE AND NUMBER OF PLANTS	STANDARD CASES	VALUE
NORTH CAROLINA (2) AND VIRGINIA (5) . . . . .	109,929	\$506,089

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

## PACK OF MACKEREL, 1967

ITEM	STANDARD CASES	VALUE
JACK MACKEREL, NATURAL AND IN TOMATO SAUCE. . . . .	279,868	\$2,334,769
PACIFIC MACKEREL, NATURAL . . . . .	3,090	27,919
TOTAL . . . . .	282,958	2,362,688

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 5 PLANTS IN CALIFORNIA.

## PACK OF SHAD, 1967

STATE AND NUMBER OF PLANTS	STANDARD CASES	VALUE
OREGON (4) AND WASHINGTON (1) . . . . .	5,815	\$46,378

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, 1967

STATE AND NUMBER OF PLANTS	STANDARD CASES	VALUE
MASSACHUSETTS (3) . . . . .	3,284,062	\$22,168,781
NEW YORK (2) AND NEW JERSEY (1) . . . . .	176,029	727,431
PENNSYLVANIA (3) AND MAINE (1) . . . . .	279,343	2,075,014
MARYLAND (1), VIRGINIA (2), NORTH CAROLINA (1), AND LOUISIANA (1) . . . . .	402,715	2,870,247
MISSISSIPPI (4) . . . . .	2,223,896	8,509,628
ILLINOIS (1), OHIO (1), KANSAS (1), NEBRASKA (1), AND WISCONSIN (1) . . . . .	340,583	2,169,299
CALIFORNIA (9) . . . . .	2,050,576	21,430,244
WASHINGTON (4) . . . . .	346,639	4,286,485
OREGON (8) . . . . .	413,773	3,045,643
HAWAII (1) AND AMERICAN SAMOA (2) . . . . .	220,278	3,126,731
PUERTO RICO (3) . . . . .	660,004	7,846,376
TOTAL (51) . . . . .	10,397,898	78,255,879

NOTE:--EACH STANDARD CASE CONTAINS 10 OR MORE POUNDS OF FISH. AN ADDITIONAL PACK (3,940,335 STANDARD CASES VALUED AT \$17,113,330) HAD LESS THAN 10 POUNDS OF FISH PER STANDARD CASE AND IS NOT INCLUDED IN THE ABOVE PACK. "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, 1967

PRODUCT AND NUMBER OF PLANTS	STANDARD CASES	VALUE	STATE OF PRODUCTION AND NUMBER OF PLANTS
ALEWIFE ROE (9) . . . . .	36,465	\$507,456	VIRGINIA (7) AND NORTH CAROLINA (2)
SHAD ROE (6) . . . . .	1,928	182,248	OREGON (4), WASHINGTON (1), AND CALIFORNIA (1)
SALMON CAVIAR (4) . . . . .	2,750	360,621	NEW YORK (4)
WHITEFISH CAVIAR (5) . . . . .	3,443	277,324	WISCONSIN (1) AND NEW YORK (4)
GROUND FISH ROE (1), STURGEON ROE (2), CRAB ROE (1), AND LUMPFISH CAVIAR (2) . . . . .	8,766	2,146,009	MASSACHUSETTS (1), NEW YORK (2) AND NORTH CAROLINA (1)
TOTAL EDIBLE ROE AND CAVIAR (22) 1/ . . . . .	53,352	3,473,658	
SALMON EGGS FOR BAIT (7) . . . . .	11,542	1,597,308	WASHINGTON (7)
GRAND TOTAL (29) 1/ . . . . .	64,894	5,070,966	

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, 1967

STATE AND NUMBER OF PLANTS	STANDARD CASES	VALUE
NEW YORK (4) AND NORTH CAROLINA (3) . . . . .	15,979	\$2,698,458
VIRGINIA (7) . . . . .	29,277	410,956
WASHINGTON (8) . . . . .	11,694	1,609,848
OREGON (4) . . . . .	1,736	167,883
WISCONSIN (1), CALIFORNIA (1), AND MASSACHUSETTS (1) . . . . .	6,208	183,821
TOTAL (29) . . . . .	64,894	5,070,966

## PACK OF CRAB MEAT, 1967

STATE AND NUMBER OF PLANTS	SPECIES	STANDARD CASES	VALUE
ATLANTIC AND GULF STATES: MAINE (1), NORTH CAROLINA (1), SOUTH CAROLINA (1), AND MISSISSIPPI (2) . . . . .	BLUE 1/	39,668	\$967,294
PACIFIC COAST STATES: WASHINGTON (3) AND OREGON (4) . . . . .	DUNGENESS AND KING	45,401	1,414,536
ALASKA (5) . . . . .	DUNGENESS	12,439	493,213
ALASKA (15) . . . . .	KING	400,033	13,238,296
ALASKA (1) . . . . .	TANNER	241	3,724
TOTAL, EXCLUSIVE OF DUPLICATION (22) . . . . .		458,114	15,149,769
GRAND TOTAL (27) . . . . .		497,782	16,117,063

1/ INCLUDES A SMALL PACK OF ROCK CRABS 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, 1967

(STANDARD CASES)

SPECIES	WHOLE AND MINCED		CHOWDER AND JUICE		TOTAL	
	CASES	VALUE	CASES	VALUE	CASES	VALUE
CLAMS:						
HARD, SOFT AND SURF. . . . .	687,569	\$8,905,896	1,846,813	\$12,774,266	2,534,382	\$21,680,162
RAZOR. . . . .	1,562	45,396	-	-	1,562	45,396
TOTAL . . . . .	689,131	8,951,292	1,846,813	12,774,266	2,535,944	21,725,558

NOTE:--CLAMS WERE CANNED IN 6 PLANTS IN WASHINGTON; 8 PLANTS IN NEW JERSEY; 3 PLANTS IN MAINE, ALASKA, AND NEW YORK; 2 PLANTS IN OREGON, MASSACHUSETTS, AND PENNSYLVANIA; AND 1 PLANT IN DELAWARE, CONNECTICUT, AND MARYLAND. "STANDARD CASES" REPRESENT THE VARIOUS SIZE CASES CONVERTED TO THE EQUIVALENT OF FORTY-EIGHT 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, NECTAR, 10 OUNCES NET CONTENT. THE PACK OF CLAMS CANNED IN THE SHELL IS NOT INCLUDED.

## CLAM PRODUCTION, BY TYPE OF PACK, 1967

PRODUCT AND NUMBER OF PLANTS	STANDARD CASES	POUNDS	VALUE
CLAMS:			
WHOLE (8). . . . .	14,584	219,760	\$273,012
MINCED (15). . . . .	674,547	10,118,205	8,678,280
CHOWDER (15). . . . .	1,690,104	50,703,120	11,884,924
JUICE (INCLUDES BOUILLON, BROTH, AND NECTAR)(10) . . . . .	156,709	4,701,270	889,342
TOTAL, EXCLUSIVE OF DUPLICATION (32). . . . .	2,535,944	65,741,355	21,725,558

## PACK OF OYSTERS, 1967

STATE AND NUMBER OF PLANTS	STANDARD CASES	VALUE
SOUTH CAROLINA (1), MISSISSIPPI (9), ALABAMA (1), LOUISIANA (7), WASHINGTON (3), AND OREGON (1). . . . .	330,187	\$6,152,076

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



## GENERAL REVIEW

## PACK OF SHRIMP, 1967

STATE AND NUMBER OF PLANTS	STANDARD CASES	VALUE
ATLANTIC AND GULF STATES:		
MAINE (1), TEXAS (2), AND ALABAMA (1) . . . . .	71,010	\$670,635
LOUISIANA (15) . . . . .	1,484,107	14,978,904
MISSISSIPPI (10) . . . . .	458,618	4,854,015
TOTAL (29) . . . . .	2,013,735	20,503,554
PACIFIC STATES:		
WASHINGTON (1), OREGON (2), AND ALASKA (4) . . . . .	482,692	3,828,659
GRAND TOTAL (36) . . . . .	2,496,427	24,332,213

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZE CASES CONVERTED TO THE EQUIVALENT OF TWENTY-FOUR CANS TO THE CASE, EACH CONTAINING 4-1/2 OUNCES OF SHRIMP MEATS.

## PACK OF MISCELLANEOUS FISHERY PRODUCTS, 1967

PRODUCT	STANDARD CASES	VALUE	LOCATION AND NUMBER OF PLANTS
FISH:			
ANCHOVY PASTE . . . . .	1,396	\$98,378	MICHIGAN (1), MARYLAND (1), AND NEW YORK (2)
GEFILTEFISH . . . . .	303,454	4,778,275	NEW JERSEY (3) AND NEW YORK (1)
SALMON:			
SMOKED. . . . .	1,872	165,249	ALASKA (15), CALIFORNIA (1), OREGON (6), AND WASHINGTON (14)
SPECIALTIES (SPREADS, CREAMED, SALTED LIVERS, AND PASTE) . . . . .	675	19,726	MAINE (2) AND WASHINGTON (2)
STURGEON, SMOKED. . . . .	684	52,220	WASHINGTON (7) AND OREGON (6)
TUNA:			
SMOKED, SPREADS, CREOLES, AND CREAMED. . . . .	42,428	943,657	MAINE (1), MARYLAND (1), CALIFORNIA (3), OREGON (2), AND WASHINGTON (3)
WITH NOODLES AND BEANS. . . . .	31,908	482,593	CALIFORNIA (2) AND PENNSYLVANIA (2)
OTHER (ANCHOVIES, ARCTIC CHAR, SALTED CODFISH, HADDOCK, HALIBUT, HERRING, KING MACKEREL, ATLANTIC MACKEREL, PACIFIC SARDINES, MARLIN, MULLET, POLLOCK, SHAD, SPANISH MACKEREL, WAHDO, WHITEFISH, YELLOWTAIL, EITHER NATURAL OR IN SAUCES, BITES, CHOWDERS, SMOKED, FLAKES, ETC.) . . . . .	121,485	1,879,067	MAINE (3), MASSACHUSETTS (1), NEW JERSEY (4), FLORIDA (2), WASHINGTON (1), CALIFORNIA (3), AMERICAN SAMOA (2), CONNECTICUT (1), MICHIGAN (1), AND ALASKA (5)
TOTAL FISH. . . . .	503,902	5,419,185	
SHELLFISH:			
CRAB SPECIALTIES (BISQUE, COCKTAILS, DIPS, PASTE, SMOKED, SOUPS, AND SPREADS) . . . . .	26,721	449,282	MAINE (1), NEW JERSEY (1), PENNSYLVANIA (1), MARYLAND (1), LOUISIANA (1), OREGON (1), AND WASHINGTON (2)
LOBSTER SPECIALTIES (MEAT, DIPS, SPREADS, NEWBURGS, CHOWDERS, SOUPS, THERMIDOR, AND KNUCKLES) . . . . .	19,032	443,256	MAINE (1), CONNECTICUT (1), NEW JERSEY (2), PENNSYLVANIA (1), AND MARYLAND (1)
SHRIMP SPECIALTIES (COCKTAILS, CREOLES, DIPS, GUMBO, NEWBURG, CHOWDERS, BISQUE, SOUPS, STEWS, AND IN SAUCES) . . . . .	20,084	395,701	MAINE (1), NEW JERSEY (2), PENNSYLVANIA (1), MARYLAND (1), LOUISIANA (3), AND OREGON (1)
CLAM SPECIALTIES (DIPS, FRITTERS, CRISPS, SPREADS, IN THE SHELL, SMOKED, STEWS, AND SAUCES) . . . . .	69,660	1,420,805	MAINE (3), CONNECTICUT (1), PENNSYLVANIA (1), DELAWARE (1), MARYLAND (1), NEW JERSEY (2), AND WASHINGTON (3)
CONCH MEAT. . . . .	6,066	177,325	NEW YORK (1), NEW JERSEY (1), AND DELAWARE (1)
OYSTER SPECIALTIES:			
SMOKED. . . . .	492	44,494	WASHINGTON (6)
STEW. . . . .	241,844	3,911,132	NEW JERSEY (2), OREGON (1), AND WASHINGTON (3)
BISQUE, SOUPS, AND SMOKED PASTE . . . . .	704	15,154	LOUISIANA (1), MARYLAND (1), NEW JERSEY (1), PENNSYLVANIA (1), AND WASHINGTON (2)
SQUID . . . . .	304,476	1,438,645	CALIFORNIA (6), AND NEW JERSEY (1)
TURTLE MEAT, CHOWDERS, SOUPS, AND CONSOUMES. . . . .	7,945	201,546	LOUISIANA (3), NEW JERSEY (1), FLORIDA (1), AND PENNSYLVANIA (1)
OTHER SPECIALTIES (CONCH CHOWDER, CRAWFISH BISQUE, MUSSELS WHOLE AND IN BISQUE, AND SCALLOPS IN SAUCE) . . . . .	2,027	38,402	FLORIDA (1), NEW JERSEY (1), NEW YORK (1), AND LOUISIANA (2)
TOTAL SHELLFISH . . . . .	699,051	6,535,742	
GRAND TOTAL . . . . .	1,202,953	16,954,927	

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

## INDUSTRIAL FISHERY PRODUCTS, 1967

The production of industrial fishery products by 142 plants in the United States, American Samoa, and Puerto Rico was valued at \$61 million--a decline of \$12 million compared with the previous year.

Marine animal scrap and meal. The production of 211,189 tons of marine animal scrap and meal was 12,964 tons (6 percent) less than a year ago. Principal cause of the decline was the small production of menhaden scrap and meal (119,135 tons)--12 percent less than in 1966, and the smallest production since 1951. This decrease resulted from a sharp decline in menhaden landings along both the Atlantic and Gulf coasts.

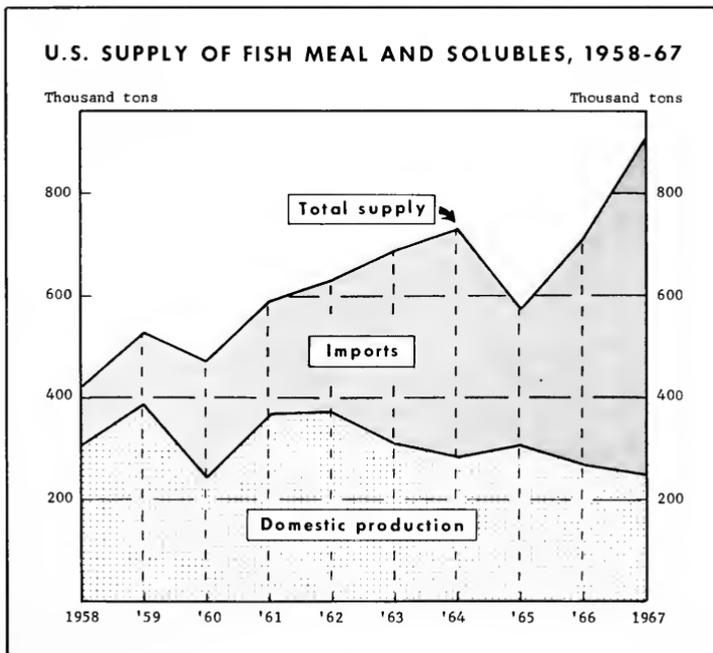
Marine animal oil. The production of marine animal oil was 122.4 million pounds--26 percent less than in the previous year. The decline was caused mainly by a menhaden oil production of only 101.4 million pounds in 1967 compared with 144.2 million pounds in 1966.

Fish solubles. The production of fish solubles was 74,675 tons--8,766 tons (11 percent) less than a year earlier. Homogenized condensed fish has not been produced since 1963.

Other industrial products. Products from oyster shells, and buttons from fresh-water and marine mollusk shells were valued at \$4.9 million--a decline of \$198,000 compared with the previous year.

Other industrial items produced included agar-agar, fish feed pellets and animal feed, Irish moss extracts, kelp products, fish leather, fish fins, liquid fertilizer, colored chips, pearl essence and novelties, and crab shells valued at \$19.4 million. These products were valued at \$17.9 million in 1966.

Data on the production of industrial fishery products during 1967 have been published previously in Current Fishery Statistics No. 4645.



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## SUMMARY OF PRODUCTION, BY COMMODITIES, 1967

PRODUCTS	NUMBER OF PLANTS	UNIT	QUANTITY	VALUE
MARINE ANIMAL SCRAP AND MEAL. . . . .	125	TONS	211,189	\$26,039,284
MARINE ANIMAL OILS, BODY OIL. . . . .	84	THOUSAND POUNDS		
FISH SOLUBLES . . . . .	33	TONS	122,398	6,111,669
MARINE PEARL AND MUSSEL SHELL BUTTONS	5	GROSS	74,675	4,587,708
OYSTER SHELL GRIT AND LIME (PLIVE AND REF SHELLS <sup>1/</sup> ). . . . .	13	TONS	212,624	789,575
MISCELLANEOUS INDUSTRIAL PRODUCTS . .	27	-	311,367	4,144,107
TOTAL . . . . .	1/ 142	-	-	19,356,446
TOTAL . . . . .				61,026,789

1/ EXCLUSIVE OF DUPLICATION.

## VALUE OF PRODUCTION, BY STATES, 1967

STATE	VALUE
MAINE . . . . .	\$8,796,707
MASSACHUSETTS AND RHODE ISLAND . . . . .	1,448,023
NEW YORK AND PENNSYLVANIA . . . . .	332,735
NEW JERSEY . . . . .	1,965,518
MARYLAND . . . . .	1,267,770
VIRGINIA . . . . .	5,081,069
NORTH CAROLINA . . . . .	3,124,519
GEORGIA, FLORIDA, AND ALABAMA . . . . .	3,730,642
MISSISSIPPI . . . . .	3,578,278
LOUISIANA . . . . .	10,286,521
TEXAS . . . . .	2,081,472
IOWA, WISCONSIN, AND MICHIGAN . . . . .	508,622
ALASKA . . . . .	40,096
WASHINGTON . . . . .	1,129,901
OREGON . . . . .	541,923
CALIFORNIA . . . . .	15,941,639
AMERICAN SAMOA AND PUERTO RICO . . . . .	1,169,154
TOTAL . . . . .	61,026,789

## PLANTS PRODUCING INDUSTRIAL FISHERY PRODUCTS, 1967

AREA AND STATE	NUMBER	AREA AND STATE	NUMBER
NEW ENGLAND:		SOUTH ATLANTIC AND GULF (CONTINUED):	
MAINE . . . . .	13	ALABAMA . . . . .	2
MASSACHUSETTS . . . . .	5	MISSISSIPPI . . . . .	3
RHODE ISLAND . . . . .	1	LOUISIANA . . . . .	20
TOTAL . . . . .	19	TEXAS . . . . .	3
MIDDLE ATLANTIC:		TOTAL . . . . .	53
NEW YORK . . . . .	2	GREAT LAKES:	
NEW JERSEY . . . . .	8	MICHIGAN . . . . .	1
PENNSYLVANIA . . . . .	2	WISCONSIN . . . . .	2
TOTAL . . . . .	12	TOTAL . . . . .	3
CHESAPEAKE:		MISSISSIPPI RIVER, IOWA . . . . .	1
MARYLAND . . . . .	6	PACIFIC COAST:	
VIRGINIA . . . . .	14	ALASKA . . . . .	1
TOTAL . . . . .	20	WASHINGTON . . . . .	6
SOUTH ATLANTIC AND GULF:		OREGON . . . . .	5
NORTH CAROLINA . . . . .	13	CALIFORNIA . . . . .	17
GEORGIA . . . . .	1	TOTAL . . . . .	29
FLORIDA . . . . .	11	AMERICAN SAMOA . . . . .	2
(CONTINUED)		PUERTO RICO . . . . .	3
		GRAND TOTAL . . . . .	142

NOTE: --LISTS OF MANUFACTURERS OF FISHERY INDUSTRIAL PRODUCTS BY INDIVIDUAL COMMODITIES MAY BE OBTAINED FROM THE U.S. DEPARTMENT OF THE INTERIOR, BUREAU OF COMMERCIAL FISHERIES, DIVISION OF STATISTICS AND MARKET NEWS, 1801 N. MOORE STREET, ARLINGTON, VIRGINIA 22209

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## NUMBER OF PLANTS PRODUCING INDUSTRIAL FISHERY PRODUCTS, 1967

PRODUCTS	ATLANTIC AND GULF COASTS 1/	PACIFIC COAST 2/	TOTAL
	NUMBER	NUMBER	NUMBER
SCRAP AND MEAL, DRIED:			
ALEWIFE . . . . .	6	-	6
ANCHOVY . . . . .	-	7	7
CRAB . . . . .	14	2	16
GROUND FISH . . . . .	4	-	4
HERRING, SEA . . . . .	4	2	6
MENHADEN . . . . .	31	-	31
SHRIMP . . . . .	11	1	12
TUNA AND MACKEREL . . . . .	-	13	13
WHALE . . . . .	-	1	1
THREAD HERRING . . . . .	6	-	6
UNCLASSIFIED . . . . .	19	8	27
OIL:			
BOOY:			
ALEWIFE . . . . .	3	-	3
ANCHOVY . . . . .	-	7	7
HERRING, SEA . . . . .	4	2	6
GROUND FISH . . . . .	-	3	3
MENHADEN . . . . .	30	-	30
SALMON . . . . .	-	3	3
THREAD HERRING . . . . .	6	-	6
TUNA AND MACKEREL . . . . .	-	9	9
WHALE:			
SPERM . . . . .	-	1	1
OTHER . . . . .	-	1	1
UNCLASSIFIED . . . . .	6	4	10
LIVER OILS . . . . .	2	-	2
MUSSEL SHELL PRODUCTS (FRESH-WATER):			
BUTTONS . . . . .	1	-	1
COLORÉD CHIPS AND LIME . . . . .	1	-	1
OYSTER SHELL PRODUCTS:			
CRUSHED SHELL FOR POULTRY FEED . . . . .	9	2	11
SHELL LIME (BURNED AND UNBURNED) . . . . .	8	2	10
MARINE PEARL SHELL BUTTONS . . . . .	5	-	5
AGAR-AGAR . . . . .	-	1	1
FISH SOLUBLES . . . . .	28	5	33
IRISH MOSS EXTRACTS . . . . .	2	-	2
KELP PRODUCTS . . . . .	-	3	3
LIQUID FERTILIZER . . . . .	-	2	2
PEARL ESSENCE AND NOVELTIES . . . . .	7	-	7
CRAB SHELLS (FOR DEVILED CRAB MEAT) . . . . .	2	-	2
ANIMAL FEEDS . . . . .	-	4	4
FISH FEED PELLETS . . . . .	-	2	2
LEATHER PRODUCTS . . . . .	3	-	3
FISH FINS . . . . .	3	-	3
TOTAL, EXCLUSIVE OF DUPLICATION . . . . .	108	54	142

1/ INCLUDES FIRMS IN THE MISSISSIPPI RIVER AND GREAT LAKES AREA.

2/ INCLUDES AMERICAN SAMOA AND PUERTO RICO.



## GENERAL REVIEW

## PRODUCTION OF MARINE ANIMAL SCRAP AND MEAL, 1967

PRODUCT	ATLANTIC AND GULF STATES		PACIFIC COAST AND TERRITORIES		TOTAL	
	TONS	VALUE	TONS	VALUE	TONS	VALUE
DRIED SCRAP AND MEAL:						
ALEWIFE . . . . .	1/ 5,123	1/ \$614,760	-	-	5,123	\$614,760
ANCHOVY . . . . .	-	-	5,575	\$722,475	5,575	722,475
CRAB . . . . .	2/ 9,424	2/ 508,519	-	-	9,424	508,519
HERRING, SEA . . . . .	2/ 9,492	2/ 1,328,183	-	-	9,492	1,328,183
GROUND FISH . . . . .	5,702	786,590	-	-	5,702	786,590
MENHADEN . . . . .	119,135	15,265,369	-	-	119,135	15,265,369
SHRIMP . . . . .	-	16,877	-	-	-	16,877
THREAD HERRING . . . . .	2/ 2,113	259,690	-	-	2,113	259,690
TUNA AND MACKEREL . . . . .	-	-	25,487	2,757,513	25,487	2,757,513
WHALE . . . . .	-	-	1,112	133,432	1,112	133,432
UNCLASSIFIED . . . . .	23,657	3,119,787	4,044	525,089	27,701	3,644,876
TOTAL . . . . .	174,971	21,899,775	36,218	4,138,509	211,189	26,038,284

1/ INCLUDES SMALL QUANTITIES PRODUCED IN THE GREAT LAKES.

2/ INCLUDES SMALL QUANTITIES PRODUCED ON THE PACIFIC COAST.

## PRODUCTION OF MARINE ANIMAL OIL, 1967

PRODUCT	ATLANTIC AND GULF COASTS		PACIFIC COAST AND PUERTO RICO		TOTAL	
	THOUSAND POUNDS	VALUE	THOUSAND POUNDS	VALUE	THOUSAND POUNDS	VALUE
BODY OIL:						
ALEWIFE . . . . .	1/ 1,764	1/ \$90,850	-	-	1,764	\$90,850
ANCHOVY . . . . .	-	-	1,004	\$39,051	1,004	39,051
GROUND FISH . . . . .	520	30,929	-	-	520	30,929
HERRING, SEA . . . . .	2/ 5,676	2/ 306,835	-	-	5,676	306,835
MENHADEN . . . . .	101,384	4,736,298	-	-	101,384	4,736,298
SALMON . . . . .	-	-	147	25,653	147	25,653
THREAD HERRING . . . . .	1,106	39,921	-	-	1,106	39,921
TUNA AND MACKEREL . . . . .	-	-	5,218	267,634	5,218	267,634
WHALE . . . . .	-	-	-	-	-	-
SPERM . . . . .	-	-	964	57,216	964	57,216
OTHER . . . . .	-	-	1,519	90,218	1,519	90,218
UNCLASSIFIED . . . . .	3/ 2,480	399,566	616	27,498	3,096	427,064
TOTAL . . . . .	112,930	5,604,399	9,468	507,270	122,398	6,111,669

1/ INCLUDES SMALL QUANTITIES PRODUCED IN THE GREAT LAKES.

2/ INCLUDES SMALL QUANTITIES PRODUCED ON THE PACIFIC COAST.

3/ INCLUDES LIVER OILS.

NOTE:--TO CONVERT POUNDS OF OIL TO GALLONS, DIVIDE BY 7.75.

## PRODUCTION OF FISH SOLUBLES, 1967

PRODUCT, STATE, AND NUMBER OF PLANTS	TONS	VALUE
FISH SOLUBLES:		
MASSACHUSETTS (1), RHODE ISLAND (1), AND OREGON (1) . . . . .	4,646	\$297,395
NEW JERSEY (2), EAST COAST OF FLORIDA (1), AND WEST COAST OF FLORIDA (2) . . . . .	3,060	172,141
NORTH CAROLINA (3) . . . . .	6,713	402,894
VIRGINIA (5) . . . . .	14,216	818,143
MISSISSIPPI (3), AND TEXAS (1) . . . . .	9,798	602,765
LOUISIANA (9) . . . . .	19,562	1,177,460
CALIFORNIA (4) . . . . .	16,580	1,116,910
TOTAL (33) . . . . .	74,675	4,587,708

NOTE:--INCLUDES MENHADEN SOLUBLES.

# GENERAL REVIEW

## PRODUCTION OF MENHADEN PRODUCTS, 1967

STATE AND NUMBER OF PLANTS	DRIED SCRAP AND MEAL		OIL		SOLUBLES		TOTAL
	TONS	VALUE	POUNDS	VALUE	TONS	VALUE	VALUE
NEW JERSEY (2), AND FLORIDA (3).	8,640	\$1,098,005	7,401,831	\$326,093	2,553	\$144,582	\$1,568,680
VIRGINIA (6)	22,532	2,762,862	20,462,883	939,028	13,122	756,863	4,498,753
NORTH CAROLINA (8)	15,728	1,936,281	11,905,844	475,299	6,713	402,894	2,814,474
MISSISSIPPI (3), AND TEXAS (1)	19,214	2,519,571	17,671,201	693,396	9,796	602,765	4,015,732
LOUISIANA (9)	53,021	6,948,650	43,941,121	2,102,482	19,584	1,172,765	10,223,897
<b>TOTAL (32)</b>	<b>119,135</b>	<b>15,265,369</b>	<b>101,383,880</b>	<b>4,736,298</b>	<b>51,770</b>	<b>3,079,869</b>	<b>23,081,536</b>

NOTE: --INCLUDES A SMALL QUANTITY OF OTHER SPECIES.

## PRODUCTION OF OYSTER SHELL PRODUCTS, 1967

("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), VIRGINIA (2), AND FLORIDA (2)	53,975	\$943,872	45,169	\$237,671	99,144	\$1,181,543
ALABAMA (1), TEXAS (2), OREGON (1), AND CALIFORNIA (1)	169,607	2,626,985	42,616	335,579	212,223	2,962,564
<b>TOTAL (13)</b>	<b>223,582</b>	<b>3,570,857</b>	<b>87,785</b>	<b>573,250</b>	<b>311,367</b>	<b>4,144,107</b>

## PRODUCTION OF MARINE PEARL SHELL BUTTONS, 1967 <sup>1/</sup>

STATE AND NUMBER OF PLANTS	BUTTONS	
	GROSS	VALUE
NEW YORK (1), PENNSYLVANIA (1), AND NEW JERSEY (3)	212,624	\$788,575

<sup>1/</sup> INCLUDES FRESH-WATER MUSSEL SHELL BUTTONS.

## PRODUCTION OF MISCELLANEOUS INDUSTRIAL FISHERY PRODUCTS, 1967

PRODUCTS	STATE AND NUMBER OF PLANTS	VALUE
AGAR-AGAR . . . . . ANIMAL FEEDS AND FISH FEED PELLETS . . . . . IRISH MOSS EXTRACTS . . . . . KELP PRODUCTS . . . . . LEATHER PRODUCTS . . . . . LIQUID FERTILIZER . . . . . COLORED CHIPS . . . . . PEARL ESSENCE AND NOVELTIES . . . . . CRAB SHELLS (FOR DEVILED CRAB MEAT) . . . . . FISH FINS . . . . . MUSSEL SHELL, LIME AND DUST . . . . .	CALIFORNIA (1) CALIFORNIA (4), OREGON (1), WASHINGTON (1) MAINE (2) CALIFORNIA (3) NEW JERSEY (1), FLORIDA (2) CALIFORNIA (1), OREGON (1) IOWA (1) MAINE (6), MASSACHUSETTS (1) FLORIDA (1), ALABAMA (1) NEW JERSEY (1), FLORIDA (2) IOWA (1)	} \$19,356,446



# GENERAL REVIEW

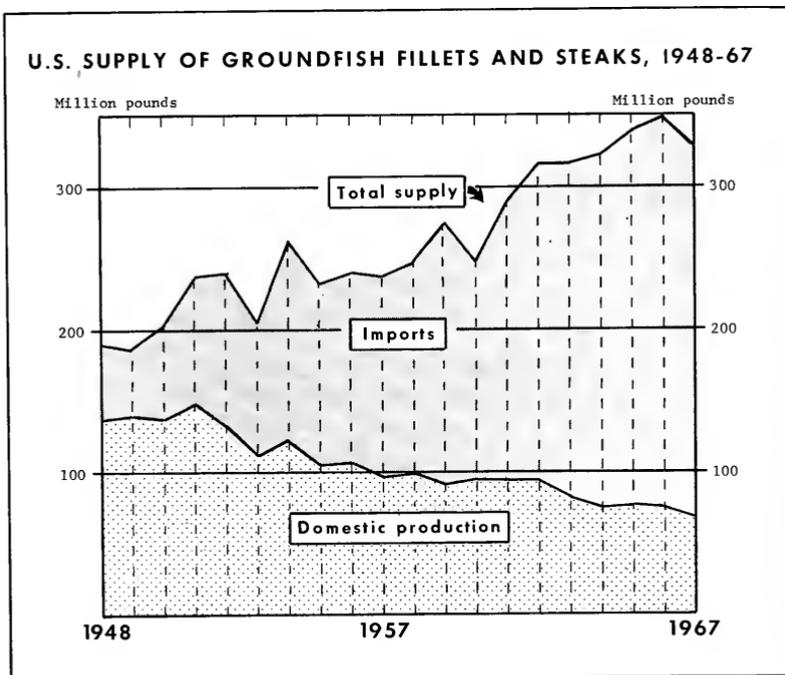
## PACKAGED FISHERY PRODUCTS, 1967

The production of fresh and frozen packaged fish fillets and steaks in the United States, excluding Alaska and Hawaii, was 153 million pounds worth \$64.3 million--a decline of 12.9 million pounds and \$5.2 million compared with the previous year.

Flounder fillets (45.3 million pounds), haddock fillets (34.1 million), Atlantic ocean perch fillets (19.5 million), and cod fillets (14 million pounds) were the leading items. They

accounted for 74 percent of the volume and 73 percent of the value. Halibut steaks, rockfish fillets, and Pacific ocean perch fillets were among other important leading items. The New England area continued to lead all other areas in the production of packaged fish with 62 percent of the volume and 59 percent of the value.

Data on the production of packaged fish during 1967 have been published previously in Current Fishery Statistics No. 4646.



# GENERAL REVIEW

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## SUMMARY OF PRODUCTION OF PACKAGED FISH, 1967

ITEM	FILLETS		STEAKS		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FRESH . . . . .	81,369,927	\$36,660,111	747,297	\$469,012	82,137,224	\$37,149,123
FROZEN . . . . .	62,836,952	22,437,819	6,021,176	4,749,301	70,857,730	27,187,120
TOTAL . . . . .	144,226,479	59,097,930	6,768,475	5,238,313	152,994,954	64,336,243

## PRODUCTION OF FRESH AND FROZEN PACKAGED FISH, BY SECTIONS, 1967

SPECIES	NEW ENGLAND		MIDDLE ATLANTIC		CHESAPEAKE, SOUTH ATLANTIC, AND GULF	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
COD . . . . .	8,631,895	\$3,391,979	1,998,404	\$1,093,112	-	-
CUSK . . . . .	514,121	160,664	-	-	-	-
FLOUNDERs . . . . .	28,130,684	12,570,656	4,197,840	2,681,553	556,693	\$272,650
GROUPERS . . . . .	-	-	-	-	566,003	306,605
HADDOCK . . . . .	33,453,254	15,024,644	616,000	351,592	-	-
HAKE . . . . .	85,973	28,050	12,500	4,910	-	-
HALIBUT . . . . .	450,640	265,688	-	-	-	-
KING MACKEREL . . . . .	-	-	-	-	675,677	457,794
OCEAN PERCH, ATLANTIC . . . . .	16,872,633	4,930,841	-	-	604,602	241,587
POLLOCK . . . . .	2,868,279	737,584	-	-	-	-
POMPANO . . . . .	-	-	-	-	56,900	87,090
SALMON . . . . .	66,990	57,869	-	-	-	-
SHAD . . . . .	25,539	43,672	-	-	-	-
SNAPPER, RED . . . . .	-	-	-	-	467,244	487,494
SPANISH MACKEREL . . . . .	-	-	-	-	1,452,446	602,511
SWORDFISH . . . . .	461,751	296,475	-	-	-	-
WHITING . . . . .	1,617,631	452,473	-	-	-	-
WOLFFISH . . . . .	120,053	47,420	-	-	-	-
UNCLASSIFIED . . . . .	46,899	34,267	11,000	4,180	615,192	344,654
TOTAL . . . . .	95,568,942	38,062,482	6,835,744	4,335,347	5,196,957	2,800,365

SPECIES	GREAT LAKES AND MISSISSIPPI RIVER		PACIFIC COAST	
	POUNDS	VALUE	POUNDS	VALUE
CARP . . . . .	1,409,000	\$246,350	-	-
CATFISH . . . . .	258,264	195,132	-	-
COO . . . . .	-	-	3,376,003	\$924,012
FLOUNDERs . . . . .	-	-	12,399,938	5,006,121
HALIBUT . . . . .	-	-	6,479,561	3,680,440
HERRING, LAKE . . . . .	40,078	13,544	-	-
LAKE TROUT . . . . .	109,324	94,052	-	-
LINGCOD . . . . .	-	-	2,597,728	684,730
OCEAN PERCH, PACIFIC . . . . .	-	-	5,400,957	1,479,811
PERCH, PACIFIC . . . . .	-	-	425,550	153,198
PIKE OR PICKEREL . . . . .	222,635	150,018	-	-
ROCKFISHES . . . . .	-	-	5,670,079	1,587,143
SABLEFISH . . . . .	-	-	20,910	6,263
SALMON . . . . .	-	-	1,720,861	1,434,590
SAUGER . . . . .	365,500	341,675	-	-
SEA BASS . . . . .	-	-	141,440	65,308
SWORDFISH . . . . .	-	-	584,773	374,369
WHITE BASS . . . . .	25,000	14,350	-	-
WHITEFISH . . . . .	478,976	397,987	-	-
YELLOW PERCH . . . . .	2,450,001	1,596,701	-	-
YELLOW PIKE . . . . .	459,110	394,508	-	-
UNCLASSIFIED . . . . .	554,623	296,827	3,000	900
TOTAL . . . . .	6,372,511	3,741,144	39,020,800	15,396,885

## GENERAL REVIEW

**PRODUCTION OF PACKAGED FISH,  
BY METHOD OF PREPARATION, 1967**

SPECIES	FILLETS			
	FRESH		FROZEN	
	POUNDS	VALUE	POUNDS	VALUE
CARP . . . . .	1,409,000	\$246,350	-	-
CATFISH . . . . .	258,264	195,132	-	-
COD . . . . .	7,795,814	3,138,496	6,210,488	\$2,270,607
CUSK . . . . .	507,555	178,615	6,566	2,049
FLOUNDERS . . . . .	33,557,881	15,965,810	11,729,474	4,765,370
GROUPERS . . . . .	162,870	98,572	200,137	118,537
HADDOCK . . . . .	23,124,685	11,144,803	10,944,569	4,231,433
HAKE . . . . .	98,473	32,960	-	-
HALIBUT . . . . .	30,579	18,607	862,675	560,189
HERRING, LAKE . . . . .	40,078	13,544	-	-
KING MACKEREL . . . . .	-	-	875,877	457,794
LAKE TROUT . . . . .	86,674	73,452	22,650	20,600
LINGCOD . . . . .	1,527,777	391,881	1,069,951	292,849
OCEAN PERCH:				
ATLANTIC . . . . .	469,023	142,324	19,008,412	5,030,104
PACIFIC . . . . .	2,688,490	700,665	2,712,467	778,946
PERCH, PACIFIC . . . . .	425,550	153,198	-	-
PIKE OR PICKEREL . . . . .	155,535	111,866	-	-
POLLOCK . . . . .	1,559,118	457,679	67,100	38,150
POMPAÑO . . . . .	-	-	1,309,161	285,905
ROCKFISHES . . . . .	4,002,955	1,048,305	56,900	87,090
SABLEFISH . . . . .	-	-	1,867,124	538,838
SALMON . . . . .	-	-	20,910	6,263
SALMON . . . . .	-	-	637,732	578,132
SAUGER . . . . .	336,500	317,525	29,000	24,150
SEA BASS . . . . .	-	-	141,440	65,308
SHAD . . . . .	25,539	43,672	-	-
SNAPPER, RED . . . . .	109,243	109,538	333,101	340,548
SPANISH MACKEREL . . . . .	-	-	1,452,446	602,511
WHITE BASS . . . . .	25,000	14,350	-	-
WHITEFISH . . . . .	407,621	339,885	71,355	58,102
WHITING . . . . .	-	-	1,817,831	452,473
WOLFFISH . . . . .	8,602	3,411	111,451	44,009
YELLOW PERCH . . . . .	2,025,881	1,311,471	424,120	285,230
YELLOW PIKE . . . . .	257,640	252,053	165,470	142,455
UNCLASSIFIED . . . . .	257,580	141,545	688,145	360,177
TOTAL . . . . .	81,389,927	36,660,111	62,836,552	22,437,819

SPECIES	STEAKS,		TOTAL	
	FRESH AND FROZEN			
	POUNDS	VALUE	POUNDS	VALUE
CARP . . . . .	-	-	1,409,000	\$246,350
CATFISH . . . . .	-	-	258,264	195,132
COD . . . . .	-	-	14,006,302	5,409,103
CUSK . . . . .	-	-	514,121	180,564
FLOUNDERS . . . . .	-	-	45,287,355	20,731,180
GROUPERS . . . . .	202,996	\$89,496	566,003	306,605
HADDOCK . . . . .	-	-	34,069,254	15,376,236
HAKE . . . . .	-	-	98,473	32,960
HALIBUT . . . . .	6,036,947	3,367,132	6,930,201	3,946,128
HERRING, LAKE . . . . .	-	-	13,544	457,794
KING MACKEREL . . . . .	-	-	875,877	94,052
LAKE TROUT . . . . .	-	-	109,324	684,730
LINGCOD . . . . .	-	-	2,597,728	-
OCEAN PERCH:				
ATLANTIC . . . . .	-	-	19,477,435	5,172,428
PACIFIC . . . . .	-	-	5,400,957	1,479,811
PERCH, PACIFIC . . . . .	-	-	425,550	153,198
PIKE OR PICKEREL . . . . .	-	-	222,635	150,018
POLLOCK . . . . .	-	-	2,868,279	737,584
POMPAÑO . . . . .	-	-	55,900	87,090
ROCKFISHES . . . . .	-	-	5,870,079	1,587,143
SABLEFISH . . . . .	-	-	20,910	6,263
SALMON . . . . .	1,150,119	914,327	1,787,851	1,492,459
SAUGER . . . . .	-	-	365,900	341,675
SEA BASS . . . . .	-	-	141,440	65,308
SHAD . . . . .	-	-	25,539	43,672
SNAPPER, RED . . . . .	24,900	17,408	467,244	487,494
SPANISH MACKEREL . . . . .	-	-	1,452,446	602,511
SWORFISH . . . . .	1,066,524	670,844	1,066,524	670,844
WHITE BASS . . . . .	-	-	25,000	14,350
WHITEFISH . . . . .	-	-	478,976	397,987
WHITING . . . . .	-	-	1,817,831	452,473
WOLFFISH . . . . .	-	-	120,053	47,420
YELLOW PERCH . . . . .	-	-	2,450,001	1,596,701
YELLOW PIKE . . . . .	-	-	459,110	394,508
UNCLASSIFIED . . . . .	-	-	1,232,714	660,828
TOTAL . . . . .	8,766,475	5,238,313	152,994,954	64,336,243

# GENERAL REVIEW

## PRODUCTION OF FISH STICKS, 1967

MONTH	COOKED	RAW	TOTAL
	THOUSAND POUNDS	THOUSAND POUNDS	THOUSAND POUNDS
JANUARY . . . . .	7,653	212	7,865
FEBRUARY . . . . .	7,492	353	7,845
MARCH . . . . .	7,714	315	8,029
APRIL . . . . .	5,457	383	5,840
MAY . . . . .	5,026	331	5,357
JUNE . . . . .	3,345	218	3,563
JULY . . . . .	3,563	355	3,938
AUGUST . . . . .	6,121	421	6,542
SEPTEMBER . . . . .	5,762	449	6,231
OCTOBER . . . . .	6,554	330	6,884
NOVEMBER . . . . .	5,940	359	6,299
DECEMBER . . . . .	5,221	295	5,516
TOTAL . . . . .	69,866	4,021	73,909
	THOUSAND DOLLARS	THOUSAND DOLLARS	THOUSAND DOLLARS
TOTAL VALUE-YEAR . . . .	30,945	1,614	32,559

NOTE:--A FISH STICK, GENERALLY CUT FROM A BLOCK OF FILLETS, IS AN ELONGATED PIECE OF BREADED FISH FLESH WEIGHING NOT LESS THAN 3/4 OF AN OUNCE AND NOT MORE THAN 1-1/4 OUNCES WITH THE LARGEST DIMENSION AT LEAST THREE TIMES THAT OF THE NEXT LARGEST DIMENSION.



## PRODUCTION OF FISH PORTIONS, 1967

MONTH	BREADED			UNBREADED	TOTAL
	COOKED	RAW	TOTAL		
	THOUSAND POUNDS	THOUSAND POUNDS	THOUSAND POUNDS	THOUSAND POUNDS	THOUSAND POUNDS
JANUARY . . . . .	3,448	8,809	12,257	468	12,725
FEBRUARY . . . . .	3,475	8,749	12,224	464	12,688
MARCH . . . . .	4,557	10,069	14,626	313	14,939
APRIL . . . . .	2,195	8,363	10,558	385	10,943
MAY . . . . .	2,632	9,757	12,389	712	13,101
JUNE . . . . .	1,874	10,103	11,977	615	12,592
JULY . . . . .	2,109	7,351	9,460	625	10,085
AUGUST . . . . .	3,722	9,936	13,658	710	14,368
SEPTEMBER . . . . .	3,505	9,257	12,762	905	13,667
OCTOBER . . . . .	3,665	10,205	13,870	1,340	15,210
NOVEMBER . . . . .	2,805	9,016	11,821	717	12,538
DECEMBER . . . . .	3,299	14,131	17,430	1,027	18,457
TOTAL . . . . .	37,286	115,746	153,032	8,281	161,313
	THOUSAND DOLLARS	THOUSAND DOLLARS	THOUSAND DOLLARS	THOUSAND DOLLARS	THOUSAND DOLLARS
TOTAL VALUE-YEAR . . . .	14,523	40,635	55,158	3,360	58,518

NOTE:--A FISH PORTION, GENERALLY CUT FROM A BLOCK OF FILLETS, IS A PIECE OF FISH FLESH GENERALLY OF UNIFORM SIZE WITH A THICKNESS OF 3/8 OF AN INCH OR MORE, AND WHICH DOES NOT CONFORM TO THE DEFINITION OF A FISH STICK.

# GENERAL REVIEW

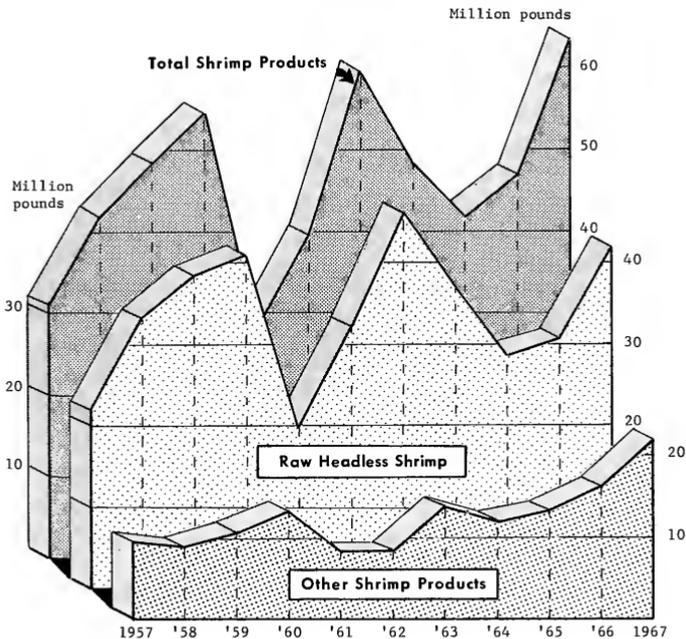
## FROZEN FISHERY TRADE

The 1967 production of frozen fish and shellfish by firms reporting to the Bureau of Commercial Fisheries was 324.3 million pounds. Leading products frozen were shrimp (103.3 million pounds); bait and animal food (65.8); fillets and steaks, consisting mainly of ocean perch, haddock, and flounders (33.6); dressed halibut (26.2); and whiting, headed and gutted (25.6 million pounds). An estimated 506.0 million pounds of fish and shellfish (live weight) were required to produce the 324.3 million pounds of frozen fishery items. Not included were freezings by cold storage plants not reporting to the Bureau and a considerable volume of frozen fillets and steaks produced by firms operating plate freezers at the end of fillet production lines.

New England led all other areas in freezings with 108.3 million pounds (33 percent of the total), followed by South Central with 90.9 million; Pacific, 44.5 million; Alaska, 42.4; and the South Atlantic area, 32.8 million pounds. The Middle Atlantic, North Central East, and North Central West accounted for the remainder.

Information on the freezings and holdings of fishery products for 1967 by firms supplying monthly data on their operations and a list of these firms were published previously in Current Fishery Statistics No. 4637. Data on freezings and holdings were also published in the preliminary monthly bulletin, Frozen Fish Report, and in the final monthly report, Frozen Fishery Products, which are also in the Current Fishery Statistics series.

### COLD STORAGE HOLDINGS OF SHRIMP PRODUCTS, 1957-67 (On December 31)



# GENERAL REVIEW

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## SUMMARY OF FREEZINGS, BY MONTHS, 1967

(THOUSANDS OF POUNDS)

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE
<u>FISH</u>	<u>QUANTITY</u>	<u>QUANTITY</u>	<u>QUANTITY</u>	<u>QUANTITY</u>	<u>QUANTITY</u>	<u>QUANTITY</u>
SALT-WATER:						
BLOCKS . . . . .	417	114	95	90	305	1,221
FILLETS AND STEAKS:						
COD . . . . .	32	9	99	69	85	86
FLOUNDER . . . . .	245	74	134	153	341	299
HADDOCK . . . . .	395	60	395	199	301	745
HALIBUT . . . . .	-	-	-	19	270	519
OCEAN PERCH . . . . .	1,091	775	1,156	1,310	1,770	2,395
POLLOCK . . . . .	31	34	14	-	5	12
SALMON . . . . .	-	-	-	4	-	3
WHITING . . . . .	57	20	34	-	4	53
UNCLASSIFIED . . . . .	123	61	72	246	214	281
TOTAL FILLETS AND STEAKS . . . . .	1,974	1,033	1,904	2,000	2,990	4,393
TOTAL BLOCKS, FILLETS, AND STEAKS . . . . .	2,391	1,147	1,999	2,090	3,295	5,614
ROUND, DRESSED, ETC.:						
HALIBUT . . . . .	8	-	-	239	4,498	7,454
MACKEREL (EXCEPT SPANISH) . . . . .	-	13	-	66	229	286
SABLEFISH . . . . .	12	67	107	298	26	66
SALMON:						
CHINOOK OR KING . . . . .	4	37	6	177	531	975
SILVER OR COHO . . . . .	2	-	-	-	8	312
CHUM OR KETA . . . . .	25	-	-	-	1	60
OTHER . . . . .	-	-	-	10	63	325
TOTAL SALMON . . . . .	31	37	6	187	603	1,672
SMELT . . . . .	2	-	-	-	9	44
SWORDFISH . . . . .	5	-	-	-	2	-
TUNA . . . . .	4	-	3	40	14	19
WHITING, HEADED AND GUTTED . . . . .	-	-	-	-	17	1,388
OTHER (EXCEPT BAIT) . . . . .	2,007	1,580	2,250	1,977	2,068	2,194
TOTAL SALT-WATER FISH . . . . .	4,460	2,844	4,365	4,897	10,761	18,737
FRESH-WATER:						
FILLETS AND STEAKS . . . . .	-	-	-	-	-	17
ROUND, DRESSED, ETC.:						
CHUBS . . . . .	-	-	-	-	-	24
TROUT . . . . .	22	29	53	48	56	65
OTHER (EXCEPT BAIT) . . . . .	-	-	3	8	1	1
TOTAL FRESH-WATER FISH . . . . .	22	29	56	56	57	107
BAIT AND ANIMAL FOOD (SALT- AND FRESH-WATER) . . . . .	3,096	3,956	4,226	4,854	5,366	6,929
SHELLFISH						
CRABS (INCLUDING CRAB MEAT) . . . . .	1,107	663	1,019	252	119	37
SPINY LOBSTER (TAILS) . . . . .	1	7	11	-	180	17
OYSTER MEATS . . . . .	368	429	517	393	239	35
SCALLOP MEATS . . . . .	130	166	256	192	104	80
SHRIMP:						
RAW (HEADLESS, SHELL-ON) . . . . .	1,525	1,806	1,430	1,296	1,794	5,579
ALL OTHER (INCLUDING BREADED) . . . . .	4,239	4,510	5,408	3,685	3,345	3,810
TOTAL SHRIMP . . . . .	5,764	6,316	6,838	4,981	5,139	9,389
SQUID . . . . .	35	207	83	89	394	615
OTHER . . . . .	238	222	167	181	238	311
TOTAL SHELLFISH . . . . .	7,643	8,210	8,911	6,088	6,413	10,484
TOTAL FISH AND SHELLFISH . . . . .	15,221	15,039	17,558	15,895	22,617	36,257

SEE NOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

## GENERAL REVIEW

## SUMMARY OF FREEZINGS, BY MONTHS, 1967 - Continued

(THOUSANDS OF POUNDS)

SPECIES	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
<b>FISH</b>	<b>QUANTITY</b>	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
SALT-WATER:							
BLOCKS . . . . .	913	990	798	667	433	194	6,237
FILLETS AND STEAKS:							
COO . . . . .	84	91	114	65	62	66	862
FLOUNDER . . . . .	456	365	162	510	502	315	3,558
HADDOCK . . . . .	571	632	440	157	77	109	4,081
HALIBUT . . . . .	552	170	102	90	10	-	1,732
OCEAN PERCH . . . . .	2,455	2,475	1,970	1,962	1,278	1,119	19,756
POLLOCK . . . . .	62	169	84	186	109	228	934
SALMON . . . . .	-	-	-	-	-	-	7
WHITING . . . . .	178	240	165	214	63	4	1,032
UNCLASSIFIED . . . . .	94	190	120	120	-	-	1,613
TOTAL FILLETS AND STEAKS	4,454	4,332	3,157	3,304	2,176	1,858	33,575
TOTAL BLOCKS, FILLETS, AND STEAKS . . . . .	5,367	5,322	3,955	3,971	2,609	2,052	39,812
ROUND, DRESSED, ETC.:							
HALIBUT . . . . .	5,029	4,086	3,470	896	572	-	26,244
MACKEREL (EXCEPT SPANISH).	74	19	14	153	134	40	1,036
SABLEFISH . . . . .	77	233	552	546	230	57	2,271
SALMON:							
CHINOOK OR KING . . . . .	815	1,057	394	166	78	20	4,260
SILVER DR COHO . . . . .	3,085	2,167	1,343	544	26	4	7,493
CHUM OR KETA . . . . .	399	628	703	511	417	64	2,768
OTHER . . . . .	1,202	1,445	682	51	-	-	3,778
TOTAL SALMON . . . . .	5,461	5,297	3,122	1,272	523	88	18,299
SMELT . . . . .	90	5	9	12	5	3	179
SWORDFISH . . . . .	-	20	29	16	20	10	102
TUNA . . . . .	95	906	717	18	-	3	1,819
WHITING, HEADED AND GUTTED	11,273	8,966	2,219	1,322	298	67	25,550
OTHER (EXCEPT BAIT) . . . . .	1,398	2,500	3,592	1,843	1,745	1,126	24,330
TOTAL SALT-WATER FISH . . . . .	28,864	27,404	17,679	10,049	6,136	3,446	139,642
FRESH-WATER:							
FILLETS AND STEAKS . . . . .	-	-	-	-	3	-	20
ROUND, DRESSED, ETC.:							
CHUBS . . . . .	10	37	12	4	9	23	119
TROUT . . . . .	62	84	67	66	58	47	657
OTHER (EXCEPT BAIT) . . . . .	-	10	58	17	5	4	107
TOTAL FRESH-WATER FISH . . . . .	72	131	137	87	75	74	903
BAIT AND ANIMAL FOOD (SALT- AND FRESH-WATER) . . . . .	8,857	8,226	5,243	5,126	5,238	4,632	65,789
SHELLFISH							
CRABS (INCLUDING CRAB MEAT) . . . . .	630	657	589	471	248	574	6,566
SPINY LOBSTER (TAILS) . . . . .	20	25	26	11	17	25	340
OYSTER MEATS . . . . .	12	26	10	32	51	137	2,249
SCALLOP MEATS . . . . .	199	145	100	40	51	63	1,326
SHRIMP:							
RAW (HEADLESS, SHELL-ON) . . . . .	8,267	5,779	5,626	5,800	3,894	2,613	45,409
ALL OTHER (INCLUDING BREADED)	4,645	6,067	4,800	6,350	6,056	4,996	57,913
TOTAL SHRIMP . . . . .	12,912	11,846	10,426	12,150	9,950	7,611	103,322
SQUID . . . . .	37	54	3	1	12	67	1,597
OTHER . . . . .	190	211	251	82	16	220	2,347
TOTAL SHELLFISH . . . . .	14,000	12,964	11,405	12,787	10,345	8,697	117,947
TOTAL FISH AND SHELLFISH . . . . .	51,793	48,725	34,464	28,049	21,794	16,869	324,281

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

# GENERAL REVIEW

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## SUMMARY OF FREEZINGS, BY SECTIONS, 1967

(THOUSANDS OF POUNDS)

SPECIES	NEW ENGLAND	MIDDLE ATLANTIC	SOUTH ATLANTIC	NORTH CENTRAL, EAST	NORTH CENTRAL, WEST
<u>FISH</u>	<u>QUANTITY</u>	<u>QUANTITY</u>	<u>QUANTITY</u>	<u>QUANTITY</u>	<u>QUANTITY</u>
SALT-WATER:					
BLOCKS . . . . .	5,951	-	-	-	-
FILLETS AND STEAKS:					
COD . . . . .	492	5	-	-	-
FLOUNDER . . . . .	3,026	2	132	-	-
HADDOCK . . . . .	4,079	-	-	-	-
OCEAN PERCH . . . . .	18,964	-	-	-	-
POLLOCK . . . . .	932	-	-	-	-
WHITING . . . . .	1,032	-	-	-	-
UNCLASSIFIED . . . . .	489	1	77	-	-
TOTAL FILLETS AND STEAKS . . . . .	29,014	8	209	-	-
TOTAL BLOCKS, FILLETS, AND STEAKS . . . . .	34,965	8	209	-	-
ROUND, DRESSED, ETC.:					
MACKEREL (EXCEPT SPANISH) . . . . .	593	52	10	-	-
SALMON, OTHER . . . . .	-	2	-	-	-
SWORDFISH . . . . .	94	4	-	-	-
TUNA . . . . .	425	-	-	-	-
WHITING, HEADED AND GUTTED . . . . .	25,487	30	33	-	-
OTHER (EXCEPT BAIT) . . . . .	13,080	1,448	3,701	-	-
TOTAL SALT-WATER FISH . . . . .	74,644	1,544	3,953	-	-
FRESH-WATER:					
FILLETS AND STEAKS . . . . .	-	-	-	20	-
ROUND, DRESSED, ETC.:					
CHUBS . . . . .	-	-	-	119	-
TROUT . . . . .	-	-	-	4	-
OTHER (EXCEPT BAIT) . . . . .	5	-	65	11	18
TOTAL FRESH-WATER FISH . . . . .	5	-	65	154	18
BAIT AND ANIMAL FOOD (SALT- AND FRESH-WATER) . . . . .	29,215	1,169	1,876	1,702	-
SHELLFISH					
CRABS (INCLUDING CRAB MEAT) . . . . .	53	-	30	-	-
SPINY LOBSTER (TAILS) . . . . .	42	-	107	-	-
OYSTER MEATS . . . . .	1	-	1,577	-	-
SCALLOP MEATS . . . . .	1,413	58	44	-	-
SHRIMP:					
RAW (HEADLESS, SHELL-ON) . . . . .	899	4	2,570	-	-
ALL OTHER (INCLUDING BREADED) . . . . .	608	-	21,846	-	-
TOTAL SHRIMP . . . . .	1,507	4	24,416	-	-
SQUID . . . . .	372	384	111	-	-
OTHER . . . . .	1,002	357	640	-	-
TOTAL SHELLFISH . . . . .	4,390	803	26,925	-	-
TOTAL FISH AND SHELLFISH . . . . .	108,254	3,516	32,819	1,856	18

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

## SUMMARY OF FREEZINGS, BY SECTIONS, 1967 - Continued

(THOUSANDS OF POUNDS)

SPECIES	SOUTH CENTRAL	PACIFIC	ALASKA	TOTAL
FISH	QUANTITY	QUANTITY	QUANTITY	QUANTITY
SALT-WATER: BLOCKS . . . . .	-	286	-	6,237
FILLETS AND STEAKS: COD . . . . .	2	361	2	862
FLOUNDER . . . . .	18	382	-	3,558
HADDOCK . . . . .	-	-	-	4,081
HALIBUT . . . . .	-	116	1,616	1,732
OCEAN PERCH . . . . .	-	792	-	19,756
POLLOCK . . . . .	-	2	-	934
SALMON . . . . .	-	4	3	7
WHITING . . . . .	-	-	-	1,032
UNCLASSIFIED . . . . .	51	994	1	1,613
TOTAL FILLETS AND STEAKS . . . . .	71	2,651	1,622	33,575
TOTAL BLOCKS, FILLETS, AND STEAKS . . . . .	71	2,937	1,622	39,812
ROUND, DRESSED, ETC.: HALIBUT . . . . .	-	4,955	21,289	26,244
MACKEREL (EXCEPT SPANISH) . . . . .	-	381	-	1,036
SABLEFISH . . . . .	-	1,000	1,271	2,271
SALMON: CHINOOK OR KING . . . . .	-	1,945	2,315	4,260
SILVER OR COHO . . . . .	-	4,587	2,906	7,493
CHUM OR KETA . . . . .	-	1,360	1,408	2,768
OTHER . . . . .	-	687	3,089	3,778
TOTAL SALMON . . . . .	-	8,579	9,718	18,299
SMELT . . . . .	31	148	-	179
SWORDFISH . . . . .	-	4	-	102
TUNA . . . . .	-	1,394	-	1,819
WHITING, HEADED AND GUTTED . . . . .	-	-	-	25,550
OTHER (EXCEPT BAIT) . . . . .	762	5,315	24	24,330
TOTAL SALT-WATER FISH . . . . .	864	24,713	33,924	139,642
FRESH-WATER: FILLETS AND STEAKS . . . . .	-	-	-	20
ROUND, DRESSED, ETC.: CHUBS . . . . .	-	-	-	119
TROUT . . . . .	-	653	-	657
OTHER (EXCEPT BAIT) . . . . .	8	-	-	107
TOTAL FRESH-WATER FISH . . . . .	8	653	-	903
BAIT AND ANIMAL FOOD (SALT- AND FRESH-WATER) . . . . .	12,774	16,083	2,970	65,789
SHELLFISH CRAB (INCLUDING CRAB MEAT) . . . . .	23	1,170	5,290	6,566
SPINY LOBSTER (TAILS) . . . . .	2	189	-	340
OYSTER MEATS . . . . .	348	323	-	2,249
SCALLOP MEATS . . . . .	5	6	-	1,526
SHRIMP: RAW (HEADLESS, SHELL-ON) . . . . .	41,586	207	143	45,409
ALL OTHER (INCLUDING BREADED) . . . . .	35,165	227	67	57,913
TOTAL SHRIMP . . . . .	76,751	434	210	103,322
SQUID . . . . .	105	625	-	1,597
OTHER . . . . .	4	344	-	2,347
TOTAL SHELLFISH . . . . .	77,238	3,091	5,500	117,947
TOTAL FISH AND SHELLFISH . . . . .	90,864	44,540	42,394	324,281

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, 1967

(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 . . . . .	4,802	65	3,124	-	-
FEBRUARY . . . . .	3,498	129	3,110	-	-
MARCH . . . . .	5,595	177	3,679	-	3
APRIL . . . . .	4,967	283	2,764	-	-
MAY . . . . .	6,783	748	2,560	2	-
JUNE . . . . .	11,032	712	2,464	344	-
JULY . . . . .	22,329	411	2,002	710	-
AUGUST . . . . .	19,979	303	2,672	741	-
SEPTEMBER . . . . .	9,634	475	2,123	16	7
OCTOBER . . . . .	8,862	169	2,496	7	2
NOVEMBER . . . . .	6,061	5	2,878	13	3
DECEMBER . . . . .	4,712	19	2,747	23	3
TOTAL . . . . .	108,254	3,516	32,819	1,656	18

MONTH	SOUTH CENTRAL	PACIFIC	ALASKA	TOTAL
	<u>QUANTITY</u>	<u>QUANTITY</u>	<u>QUANTITY</u>	<u>QUANTITY</u>
JANUARY . . . . .	4,217	2,067	906	15,221
FEBRUARY . . . . .	3,738	3,296	1,268	15,039
MARCH . . . . .	4,676	1,891	1,337	17,558
APRIL . . . . .	4,064	2,447	1,350	15,895
MAY . . . . .	4,456	3,970	4,088	22,617
JUNE . . . . .	8,724	4,845	8,136	36,257
JULY . . . . .	12,341	5,704	8,296	51,793
AUGUST . . . . .	11,315	6,147	7,361	48,725
SEPTEMBER . . . . .	9,925	6,238	6,023	34,464
OCTOBER . . . . .	11,763	3,004	1,726	28,049
NOVEMBER . . . . .	8,624	3,160	650	21,794
DECEMBER . . . . .	6,591	1,751	1,023	16,869
TOTAL . . . . .	90,684	44,540	42,394	324,261

NOTE:--THE STATES INCLUDED IN THE VARIOUS SECTIONS ARE INDICATED ON PAGES 69 AND 70.



## COLD STORAGE HOLDINGS OF FROZEN FISHERY PRODUCTS, 1967

Holdings of frozen fishery products were highest on January 1, when 271.0 million pounds were in storage. The December 31 holdings of 252.8 million pounds were second

highest, followed by the January 31 holdings of 252.7 million pounds. Holdings were lowest on May 31, when they totaled only 183.0 million pounds.

## GENERAL REVIEW

## SUMMARY OF HOLDINGS, BY MONTHS, 1967

(THOUSANDS OF POUNDS)

SPECIES	JANUARY 1	JANUARY 31	FEBRUARY 26	MARCH 31	APRIL 30	MAY 31
<b>FISH</b>						
<b>QUANTITY      QUANTITY      QUANTITY      QUANTITY      QUANTITY      QUANTITY</b>						
SALT-WATER:						
BLOCKS . . . . .	35,237	34,616	29,605	23,327	21,950	20,078
<b>FILLETS AND STEAKS:</b>						
COD . . . . .	12,687	13,696	11,679	9,593	7,615	6,631
FLOUNDER . . . . .	10,224	10,068	8,736	6,782	6,194	5,355
Haddock . . . . .	7,890	7,055	6,022	5,812	6,440	6,256
HALIBUT . . . . .	2,249	2,372	2,837	2,187	1,501	1,564
OCEAN PERCH . . . . .	17,913	15,212	12,217	9,786	7,598	5,755
POLLOCK . . . . .	994	961	674	684	643	459
SALMON . . . . .	292	435	854	375	254	288
WRITING . . . . .	1,322	1,241	1,278	1,293	1,200	1,254
UNCLASSIFIED . . . . .	8,929	8,790	7,984	8,521	6,858	6,632
TOTAL FILLETS AND STEAKS . . . . .	62,500	60,030	51,381	45,033	38,303	34,394
<b>TOTAL BLOCKS, FILLETS, AND STEAKS . . . . .</b>						
	97,737	94,846	80,986	68,360	60,253	54,472
<b>FISH STICKS AND PORTIONS (RAW AND COOKED) . . . . .</b>						
	19,460	17,627	15,536	17,066	16,302	16,286
<b>ROUND, DRESSED, ETC.:</b>						
HALIBUT . . . . .	17,552	14,064	11,431	9,414	7,497	9,667
MACKEREL (EXCEPT SPANISH) . . . . .	742	491	446	404	318	458
SABLEFISH . . . . .	1,801	1,774	1,726	1,762	2,073	1,679
<b>SALMON:</b>						
CHINOOK OR KING . . . . .	4,728	3,963	3,374	2,595	2,467	2,126
SILVER OR COHO . . . . .	3,645	2,644	1,693	1,105	423	332
CHUM OR KETA . . . . .	2,044	2,066	1,273	1,107	629	449
OTHER . . . . .	1,664	2,022	627	593	531	611
TOTAL SALMON . . . . .	12,331	10,695	7,167	5,400	4,050	3,518
<b>SMELT:</b>						
	822	1,081	772	715	641	1,017
<b>SWORDFISH:</b>						
	2,647	2,452	1,917	1,785	1,752	1,391
<b>TUNA:</b>						
	176	117	285	205	234	217
<b>WHITING, HEADED AND GUTTED:</b>						
	16,634	13,645	10,736	8,079	6,159	5,049
<b>OTHER (EXCEPT BAIT):</b>						
	12,952	12,320	12,522	11,024	11,206	11,333
TOTAL SALT-WATER FISH . . . . .	182,854	169,112	143,524	124,254	110,485	105,098
<b>FRESH-WATER:</b>						
<b>FILLETS AND STEAKS . . . . .</b>						
	1,727	1,526	1,533	981	816	798
<b>ROUND, DRESSED, ETC.:</b>						
OHIOES . . . . .	1,438	1,365	742	498	542	731
TROUT . . . . .	1,317	1,324	760	804	792	982
WHITEFISH . . . . .	1,183	1,422	1,308	1,216	928	716
OTHER (EXCEPT BAIT) . . . . .	1,847	1,865	2,033	1,340	1,550	1,590
TOTAL FRESH-WATER FISH . . . . .	7,512	7,522	6,396	4,829	4,628	4,817
<b>BAIT AND ANIMAL FOOD (SALT- AND FRESH-WATER) . . . . .</b>						
	12,623	10,046	11,415	12,864	15,290	17,598
<b>SHELLFISH</b>						
<b>CRABS (INCLUDING CRAB MEAT) . . . . .</b>						
	5,161	5,661	6,155	5,741	5,641	4,562
<b>SPINY LOBSTER (TAILS) . . . . .</b>						
	6,811	6,523	6,587	6,984	6,868	6,065
<b>OYSTER MEATS . . . . .</b>						
	2,060	2,355	2,321	2,545	2,165	2,150
<b>SCALLOP MEATS . . . . .</b>						
	3,400	3,329	2,566	2,043	1,869	1,356
<b>SHRIMP:</b>						
<b>RAW (HEADLESS, SHELL-ON) . . . . .</b>						
	30,238	28,534	25,665	24,422	21,816	20,023
<b>ALL OTHER (INCLUDING BREADED) . . . . .</b>						
	16,447	15,850	15,714	16,683	17,211	16,917
TOTAL SHRIMP . . . . .	46,685	44,384	41,379	41,105	39,027	36,940
<b>SQUID . . . . .</b>						
	2,359	2,341	2,102	1,995	2,042	2,388
<b>OTHER . . . . .</b>						
	1,542	1,459	1,463	1,792	1,936	1,766
TOTAL SHELLFISH . . . . .	68,038	66,052	62,595	62,205	59,550	55,457
<b>TOTAL FISH AND SHELLFISH . . . . .</b>						
	271,027	252,732	223,930	204,172	189,933	182,970
<b>CURED FISH</b>						
<b>HERRING, SALTED . . . . .</b>						
	9,841	12,495	12,481	11,384	12,375	11,036
<b>SALMON, MILD-CURED . . . . .</b>						
	2,701	2,323	2,002	1,403	1,417	1,210
<b>OTHER SALTED . . . . .</b>						
	1,035	1,269	980	1,289	925	858
<b>SMOKED FISH . . . . .</b>						
	392	360	379	312	348	367
TOTAL CURED FISH . . . . .	13,929	16,447	15,842	14,386	15,065	13,471

(CONTINUED ON NEXT PAGE)

# GENERAL REVIEW

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## SUMMARY OF HOLDINGS, BY MONTHS, 1967 - Continued

(THOUSANDS OF POUNDS)

SPECIES	JUNE 30	JULY 31	AUGUST 31	SEPTEMBER 30	OCTOBER 31	NOVEMBER 30	DECEMBER 31
<b>FISH</b>							
SALT-WATER:	<b>QUANTITY</b>	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
BLOCKS . . . . .	19,792	28,139	30,280	34,001	32,210	29,078	32,345
FILLETS AND STEAKS:							
COD . . . . .	6,482	8,119	6,318	6,066	6,344	8,690	6,327
FLOUNDER . . . . .	5,839	7,740	7,895	7,973	8,684	9,226	10,666
HADDOCK . . . . .	6,538	7,257	7,947	7,708	7,170	6,826	6,836
HALIBUT . . . . .	2,065	2,691	3,035	3,119	2,544	3,271	3,490
OCEAN PERCH . . . . .	5,401	6,401	9,003	11,692	12,809	16,519	18,036
POLLOCK . . . . .	356	417	530	567	664	664	867
SALMON . . . . .	307	258	527	418	411	496	471
WHITING . . . . .	928	1,006	1,536	1,546	1,313	1,229	1,529
UNCLASSIFIED . . . . .	6,413	7,131	7,593	7,595	5,261	7,775	7,550
TOTAL FILLETS AND STEAKS . . . . .	34,299	41,020	44,384	46,684	45,200	54,696	56,032
TOTAL BLOCKS, FILLETS, AND STEAKS . . . . .	54,091	69,159	74,664	80,685	77,410	83,774	88,377
FISH STICKS AND PORTIONS (RAW AND COOKED) . . . . .	14,852	14,642	14,637	15,467	14,235	13,739	13,959
ROUND, DRESSED, ETC.:							
HALIBUT . . . . .	13,258	14,903	18,347	19,518	17,389	16,405	14,427
MACKEREL (EXCEPT SPANISH) . . . . .	688	561	556	463	510	463	431
SABLEFISH . . . . .	1,539	1,519	1,561	1,674	1,863	1,964	1,644
SALMON:							
CHINOOK OR KING . . . . .	2,498	3,628	4,494	4,630	3,673	4,301	3,749
SILVER OR COHO . . . . .	463	3,220	4,847	5,231	4,895	3,280	3,312
CHUM OR KETA . . . . .	271	487	788	1,485	1,705	1,540	1,475
OTHER . . . . .	564	2,117	2,240	2,190	1,691	1,486	1,407
TOTAL SALMON . . . . .	3,816	9,452	12,369	13,536	12,164	10,607	9,941
SMELT . . . . .	804	984	445	470	351	422	488
SWORFISH . . . . .	1,232	1,226	1,103	976	1,112	1,327	1,523
TUNA . . . . .	241	273	1,182	1,313	1,411	211	224
WHITING (HEADS AND GUTTED) . . . . .	4,533	14,009	17,363	16,941	15,490	13,705	12,941
OTHER (EXCEPT BAIT) . . . . .	10,372	11,518	12,879	13,963	11,475	13,913	13,713
TOTAL SALT-WATER FISH . . . . .	105,426	138,246	155,108	165,426	153,410	156,730	157,668
FRESH-WATER:							
FILLETS AND STEAKS . . . . .	930	940	1,221	1,287	1,209	1,487	1,416
ROUND, DRESSED, ETC.:							
CHUBS . . . . .	807	887	1,001	1,262	1,377	1,389	1,725
TROUT . . . . .	1,074	1,033	1,116	1,306	1,417	1,650	1,584
WHITEFISH . . . . .	726	865	1,107	1,142	1,157	1,098	1,214
OTHER (EXCEPT BAIT) . . . . .	1,205	1,321	1,659	2,096	1,636	1,796	2,540
TOTAL FRESH-WATER FISH . . . . .	4,742	5,046	6,104	7,093	6,796	7,420	8,479
BAIT AND ANIMAL FOOD (SALT- AND FRESH-WATER) . . . . .	17,531	18,424	12,375	8,337	7,949	8,233	10,565
<b>SHELLFISH</b>							
CRABS (INCLUDING CRAB MEAT) . . . . .	3,274	2,888	2,813	3,205	3,070	3,046	2,927
SPINY LOBSTER (TAILS) . . . . .	5,521	5,865	5,046	4,336	4,056	3,635	3,760
OYSTER MEATS . . . . .	1,997	2,124	2,491	1,953	1,231	1,694	1,416
SCALLOP MEATS . . . . .	1,628	1,520	1,483	1,420	1,367	1,356	1,247
SHRIMP:							
RAW (HEADLESS, SHELL-ON) . . . . .	21,534	28,504	30,172	30,846	36,029	40,519	41,405
ALL OTHER (INCLUDING BREADED) . . . . .	17,747	18,731	19,511	19,730	19,531	21,766	21,653
TOTAL SHRIMP . . . . .	39,281	47,235	49,683	50,576	55,560	62,285	63,058
SQUID . . . . .	3,029	3,383	3,035	3,176	2,705	1,950	2,295
OTHER . . . . .	1,950	1,704	1,933	1,963	2,112	1,369	1,357
TOTAL SHELLFISH . . . . .	56,280	64,719	66,486	66,629	70,103	75,335	76,060
TOTAL FISH AND SHELLFISH . . . . .	183,979	226,435	240,073	247,485	238,238	247,738	252,772
<b>CURED FISH</b>							
HERRING, SALTED . . . . .	11,714	10,343	10,282	9,913	9,387	8,784	8,885
SALMON, MILD-CURED . . . . .	1,025	1,301	2,593	1,518	2,024	2,077	1,604
OTHER SALTED . . . . .	735	695	633	626	516	721	266
SMOKEO FISH . . . . .	326	325	310	367	342	373	378
TOTAL CURED FISH . . . . .	13,804	12,664	13,818	12,424	12,269	11,955	11,133

## GENERAL REVIEW

## SUMMARY OF HOLDINGS, BY SECTIONS AND MONTHS, 1967

(THOUSANDS OF POUNDS)

MONTH	NEW ENGLAND	MIDDLE ATLANTIC	SOUTH ATLANTIC	NORTH CENTRAL, EAST	NORTH CENTRAL, WEST
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
JANUARY 31 . . . . .	88,506	32,839	15,583	23,409	16,075
FEBRUARY 28 . . . . .	71,177	30,685	14,340	23,053	16,008
MARCH 31 . . . . .	60,235	31,781	13,521	18,739	14,340
APRIL 30 . . . . .	53,600	30,498	13,762	17,180	13,673
MAY 31 . . . . .	48,390	29,137	13,646	16,991	13,101
JUNE 30 . . . . .	49,859	28,789	12,914	18,267	11,367
JULY 31 . . . . .	71,303	30,444	13,186	19,638	10,966
AUGUST 31 . . . . .	82,332	30,795	14,747	16,083	10,716
SEPTEMBER 30 . . . . .	82,776	32,279	13,484	19,252	9,998
OCTOBER 31 . . . . .	77,907	33,904	13,279	20,721	10,475
NOVEMBER 30 . . . . .	80,825	37,775	16,033	19,615	9,722
DECEMBER 31 . . . . .	82,301	36,991	16,876	23,728	9,659

MONTH	SOUTH CENTRAL	PACIFIC	ALASKA	TOTAL
	QUANTITY	QUANTITY	QUANTITY	QUANTITY
JANUARY 31 . . . . .	19,832	50,138	6,350	252,732
FEBRUARY 28 . . . . .	19,054	43,775	5,838	223,930
MARCH 31 . . . . .	18,307	41,541	5,108	204,172
APRIL 30 . . . . .	17,235	38,565	5,440	189,953
MAY 31 . . . . .	18,437	36,215	7,023	182,970
JUNE 30 . . . . .	20,116	35,538	10,139	183,979
JULY 31 . . . . .	25,956	41,646	13,076	226,435
AUGUST 31 . . . . .	27,511	41,866	16,023	240,073
SEPTEMBER 30 . . . . .	27,959	45,368	16,949	247,485
OCTOBER 31 . . . . .	23,708	44,409	13,855	238,258
NOVEMBER 30 . . . . .	26,298	45,358	12,112	247,738
DECEMBER 31 . . . . .	26,604	46,975	9,638	252,772

NOTE:--THE STATES INCLUDED IN THE VARIOUS SECTIONS ARE INDICATED ON PAGES 69 AND 70.



## COLD STORAGE HOLDINGS OF CURED FISH, 1967

Monthly average holdings of salted and smoked fish were 13.6 million pounds. Cured herring (10.8 million pounds) and mild-

cured salmon (1.7 million pounds) accounted for 92 percent of the average cold storage inventories of cured fish.

## SUMMARY OF HOLDINGS OF CURED FISH, BY MONTHS, 1967

(THOUSANDS OF POUNDS)

MONTH	SALTED			SMOKED	TOTAL
	HERRING, SALTED	SALMON, MILD-CURED	OTHER		
	QUANTITY	QUANTITY	QUANTITY		
JANUARY 31 . . . . .	12,495	2,323	1,269	360	16,447
FEBRUARY 28 . . . . .	12,481	2,002	980	379	15,842
MARCH 31 . . . . .	11,384	1,403	1,269	312	14,368
APRIL 30 . . . . .	12,375	1,417	925	348	15,065
MAY 31 . . . . .	11,036	1,210	858	367	13,471
JUNE 30 . . . . .	11,714	1,029	735	326	13,804
JULY 31 . . . . .	10,343	1,301	695	325	12,664
AUGUST 31 . . . . .	10,262	2,593	633	310	13,818
SEPTEMBER 30 . . . . .	9,913	1,518	626	367	12,424
OCTOBER 31 . . . . .	9,387	2,024	516	342	12,269
NOVEMBER 30 . . . . .	8,784	2,077	721	373	11,955
DECEMBER 31 . . . . .	8,885	1,604	266	378	11,133

## FOREIGN FISHERY TRADE

U.S. foreign trade in fishery products was valued at \$790.1 million--a decline of \$14.4 million compared with the record value of the previous year. Imports for consumption were worth \$707.9 million--\$11.8 million less than a year earlier. The value of exports decreased slightly from \$84.8 million in 1966 to \$82.2 million in 1967.

It was the first time since 1960 that the value of imported fishery products did not increase. Imports of edible fishery products were 1.5 million pounds valued at \$538.3 million--8 and 5 percent less, respectively, than in the previous year. Principal cause of the decline was reduced receipts of imported fresh and frozen sea herring, tuna (including loins and discs), halibut, groundfish fillets and steaks, sea scallop meats, canned sardines not in oil, and pickled or salted fish. Important edible items received in greater volume than in 1966, were fresh or frozen shrimp products and oyster meats, canned sardines in oil, canned tuna in brine, and canned oysters and oyster juice.

Shrimp was the major item imported with respect to value--accounting for 28 percent of the value of imported edible items. A record 186.1 million pounds worth \$150.8 million (including fresh or frozen, canned,

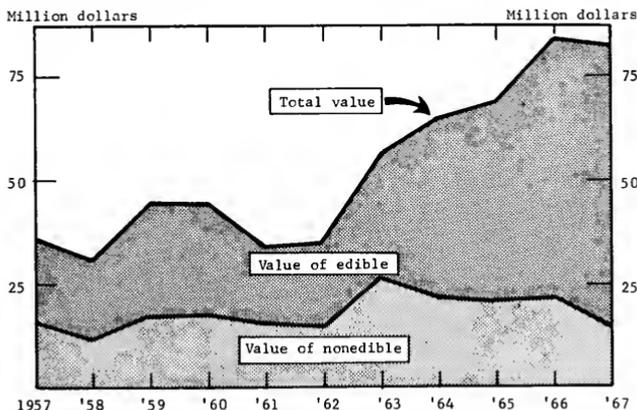
and cured) entered U.S. ports from 65 countries. Mexico, India, and Panama were among the principal sources.

Imports of nonedible fishery products were worth \$169.6 million--a 12 percent gain compared with the previous year. The increase occurred mainly in imports of fish meal and scrap.

Exports of domestic edible fishery products were 107.9 million pounds worth \$67.5 million--a decline of 2 percent in volume but an increase of 7 percent in value compared with 1966. The gain in value resulted chiefly from greater shipments of fresh or frozen shrimp. The value of nonedible exports of domestic fishery products (\$14.7 million) declined 33 percent compared with a year ago. Declining prices for fish oils and a decrease in exports of unmanufactured shells accounted largely for the lower volume.

Exports of foreign-produced fishery products were \$20.0 million--\$5.2 million more than in the previous year. The gain resulted principally from exports of foreign-produced fresh or frozen shrimp products which increased from 11.4 million pounds worth \$11.1 million in 1966 to 15.9 million pounds worth \$16.6 million in 1967.

## VALUE OF EXPORTS OF FISHERY PRODUCTS, 1957-67



## GENERAL REVIEW

## EXPORTS OF DOMESTIC FISHERY PRODUCTS, 1966-67

ITEM	UNIT	1966		1967	
		QUANTITY	1,000 DOLLARS	QUANTITY	1,000 DOLLARS
<b>EDIBLE FISHERY PRODUCTS</b>					
<b>FRESH OR FROZEN:</b>					
FISH:					
COD, HADDOCK, HAKE, POLLOCK, AND CUSK. . . . .	1,000 POUNDS	1,196	327	1,242	296
SALMON . . . . .	DO	19,845	10,626	18,911	11,846
OTHER . . . . .	DO	19,012	4,061	17,256	3,971
SHELLFISH:					
SHRIMP . . . . .	DO	4,927	5,046	8,112	8,654
OTHER . . . . .	DO	7,285	5,812	8,057	5,424
TOTAL FRESH AND FROZEN . . . . .	DO	52,265	25,872	53,578	30,191
<b>CANNED:</b>					
FISH:					
MACKEREL . . . . .	DO	1,139	206	538	116
SALMON . . . . .	DO	20,484	14,561	20,543	15,593
SARDINES . . . . .	DO	3,557	1,168	1,373	488
OTHER . . . . .	DO	8,889	6,267	5,409	5,182
SHELLFISH:					
SHRIMP . . . . .	DO	4,479	5,192	5,255	5,585
SQUID . . . . .	DO	10,159	1,067	12,787	1,562
OTHER . . . . .	DO	6,485	6,404	5,542	5,650
TOTAL CANNED . . . . .	DO	55,192	34,865	51,447	34,176
<b>CURED, SALTED, PICKLED, OR DRY CURED:</b>					
UNCLASSIFIED FISH . . . . .	DO	2,100	2,068	2,796	3,040
UNCLASSIFIED SHELLFISH . . . . .	DO	47	57	119	117
TOTAL CURED . . . . .	DO	2,147	2,145	2,915	3,157
TOTAL EDIBLE FISHERY PRODUCTS . . . . .	DO	109,604	62,882	107,940	67,524
<b>NONEDIBLE FISHERY PRODUCTS</b>					
FISH AND MARINE ANIMAL BODY AND LIVER OIL (EXCEPT MEDICINAL) . . . . .	DO	77,255	7,401	76,816	4,674
WHALE AND SPERM OIL . . . . .	DO	4,355	470	1,785	273
SEAL FURS, DRESSED OR DYED . . . . .	1,000 PIECES	63	4,068	85	5,442
SHELLS, UNMANUFACTURED . . . . .	1,000 POUNDS	64,281	9,208	42,081	4,013
FISH, SHELLFISH, AND OTHER MARINE ANIMAL PRODUCTS, NONEDIBLE . . . . .	-	-	764	-	283
TOTAL NONEDIBLE FISHERY PRODUCTS . . . . .	-	-	21,931	-	14,685
GRAND TOTAL . . . . .	-	-	84,813	-	82,209

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.



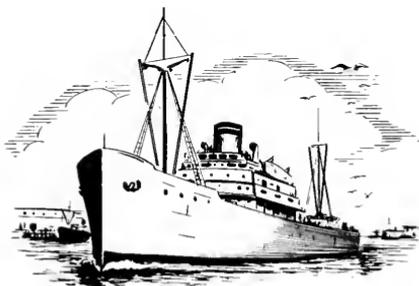
# GENERAL REVIEW

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## EXPORTS OF FOREIGN FISHERY PRODUCTS, 1966-67

ITEM	UNIT	1966		1967	
		QUANTITY	1,000 DOLLARS	QUANTITY	1,000 DOLLARS
<b>EDIBLE FISHERY PRODUCTS</b>					
<b>FRESH OR FROZEN:</b>					
FISH:					
COD, HADDOCK, HAKE, POLLOCK, AND CUSK. . . . .	1,000 POUNDS	62	36	153	54
SALMON . . . . .	00	59	50	69	41
OTHER . . . . .	00	667	180	627	208
SHELLFISH:					
SHRIMP . . . . .	00	11,397	11,080	15,890	16,550
OTHER . . . . .	00	872	938	939	930
TOTAL FRESH AND FROZEN . . . . .	00	13,057	12,284	17,678	17,783
<b>CANNED:</b>					
FISH:					
MACKEREL . . . . .	00	2	(1)	-	-
SALMON . . . . .	00	31	5	26	17
SARDINES . . . . .	00	187	101	97	64
OTHER . . . . .	00	-	-	-	-
SHELLFISH:					
SHRIMP . . . . .	00	33	29	19	25
SQUID . . . . .	00	111	10	-	-
OTHER . . . . .	00	2,404	1,617	2,151	1,706
TOTAL CANNED . . . . .	00	2,768	1,762	2,327	1,825
<b>CURED, SALTED, PICKLED, OR DRY CURED:</b>					
UNCLASSIFIED FISH . . . . .	00	83	27	288	91
UNCLASSIFIED SHELLFISH . . . . .	00	14	13	14	15
TOTAL CURED . . . . .	00	97	40	302	106
TOTAL EDIBLE FISHERY PRODUCTS . . . . .	00	15,922	14,086	20,307	19,714
<b>NONEDIBLE FISHERY PRODUCTS</b>					
FISH AND MARINE ANIMAL BODY AND LIVER OIL (EXCEPT MEDICINAL) . . . . .					
WHALE AND SPERM OIL . . . . .	00	252	23	75	9
SEAL FURS, DRESSED OR DYED . . . . .	1,000 PIECES	61	6	60	7
SHELLS, UNMANUFACTURED . . . . .	1,000 POUNDS	14	638	6	202
FISH, SHELLFISH, AND OTHER MARINE ANIMAL PRODUCTS, NONEDIBLE . . . . .	-	-	24	-	45
TOTAL NONEDIBLE FISHERY PRODUCTS . . . . .	-	-	738	-	277
GRAND TOTAL . . . . .	-	-	14,824	-	19,991

1/ LESS THAN \$500.



## GENERAL REVIEW

IMPORTS OF FISHERY PRODUCTS ENTERED  
FOR CONSUMPTION, 1966-67

ITEM		1966		1967	
EDIBLE FISHERY PRODUCTS		QUANTITY	1,000 DOLLARS	QUANTITY	1,000 DOLLARS
FRESH OR FROZEN:					
FISH:					
WHETHER OR NOT WHOLE (EXCEPT FILLETS, STEAKS, ETC.):					
FRESH-WATER:					
	LAKE HERRING, CISCOES, AND CHUBS . . . . .	1,000 POUNDS	975	459	107
	LAKE TROUT . . . . .	DD	1,655	741	631
	PIKE, EXCEPT YELLOW PIKE . . . . .	DD	2,165	968	466
	OTHER TROUT . . . . .	DD	3,104	1,335	1,977
	WHITEFISH . . . . .	DD	11,296	4,783	4,525
	YELLOW PIKE . . . . .	DD	4,612	2,495	1,634
	UNCLASSIFIED . . . . .	DD	7,539	1,533	1,343
	TOTAL FRESH-WATER FISH . . . . .	DD	31,346	12,061	26,937
SALT-WATER:					
	COO, HADDOCK, HAKE, POLLOCK, AND CISK (INCLUDES EELS AND SHAD) . . . . .	DD	2,664	421	478
	HALIBUT . . . . .	DD	19,496	7,531	4,837
	MACKEREL:				
	FRESH . . . . .	DD	2,132	207	1,450
	FROZEN . . . . .	DD	722	89	721
	SALMON . . . . .	DD	8,296	5,914	8,815
	SEA HERRING . . . . .	DD	155,495	2,338	1/2,132
	SMELT . . . . .	DD	9,064	1,465	1,286
	STURGEON . . . . .	DD	833	422	424
	SWORDFISH:				
	FRESH . . . . .	DD	6,916	3,773	7,169
	FROZEN . . . . .	DD	70	34	84
	TUNA (WHOLE AND OTHER THAN WHOLE): 2/				
	ALBACORE . . . . .	DD	180,167	39,138	190,407
	YELLOWFIN . . . . .	DD	129,808	26,905	90,421
	SKIPJACK . . . . .	DD	58,146	7,341	54,217
	UNCLASSIFIED . . . . .	DD	20,016	2,611	14,746
	TOTAL TUNA . . . . .	DD	388,137	75,195	349,791
	TUNA LOINS AND DISCS:				
	ALBACORE . . . . .	DD	7,737	3,377	4,067
	YELLOWFIN . . . . .	DD	6,274	2,859	3,460
	UNCLASSIFIED . . . . .	DD	1,224	407	442
	TOTAL LOINS AND DISCS . . . . .	DD	15,235	6,643	7,969
	UNCLASSIFIED . . . . .	DD	11,956	3,229	13,628
	TOTAL SALT-WATER FISH . . . . .	DD	621,216	107,261	550,494
FILLETS, STEAKS, ETC.:					
GROUND FISH AND OCEAN PERCH:					
	COD . . . . .	DD	40,820	11,635	32,068
	HADDOCK, HAKE, POLLOCK AND CISK . . . . .	DD	26,116	8,231	25,716
	OCEAN PERCH (ATLANTIC) . . . . .	DD	41,587	11,141	36,279
	BLOCKS OR SLABS . . . . .	DD	206,574	51,566	189,504
	TOTAL GROUND FISH AND OCEAN PERCH . . . . .	DD	315,097	82,593	283,567
OTHER:					
	FLOUNDER OR FLATFISH (EXCEPT HALIBUT)	DD	34,727	11,343	33,290
	HALIBUT . . . . .	DD	5,699	3,079	8,377
	SWORDFISH . . . . .	DD	17,510	7,479	14,002
	WOLFFISH (SEA CATFISH) . . . . .	DD	6,460	1,910	4,904
	UNCLASSIFIED SALT-WATER . . . . .	DD	12,957	4,647	11,125
	YELLOW PERCH . . . . .	DD	7,603	3,407	6,207
	YELLOW PIKE . . . . .	DD	4,683	3,821	3,933
	UNCLASSIFIED FRESH-WATER . . . . .	DD	2,669	991	3,024
	TOTAL, OTHER THAN GROUND FISH . . . . .	DD	92,706	36,677	84,862
	TOTAL FILLETS, STEAKS, ETC. . . . .	DD	407,805	119,270	368,429
FISH STICKS AND SIMILAR PRODUCTS . . . . .					
	TOTAL FISH, FRESH AND FROZEN . . . . .	DD	1,060,751	238,742	946,254

SEE FOOTNOTES AT END OF TABLE.

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# GENERAL REVIEW

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## IMPORTS OF FISHERY PRODUCTS ENTERED FOR CONSUMPTION, 1966-67 Continued

ITEM	UNIT	1966		1967	
		QUANTITY	1,000 DOLLARS	QUANTITY	1,000 DOLLARS
<b>EDIBLE FISHERY PRODUCTS - CONTINUED</b>					
<b>FRESH OR FROZEN - CONTINUED:</b>					
<b>SHELLFISH, ETC.:</b>					
<b>CRABS:</b>					
FRESH OR FROZEN (INCLUDING PREPARED OR PRESERVED, EXCEPT CANNED) . . . . .	1,000 POUNDS	323	80	681	240
CRAB MEAT (FRESH COOKED) . . . . .		40	30	52	45
<b>LOBSTERS:</b>					
COMMON (INCLUDES FRESH-COOKED MEAT) . . . . .	DO	17,047	15,521	15,568	15,070
SPINY . . . . .	DO	36,923	61,054	35,340	56,449
<b>SHRIMP:</b>					
BREADED . . . . .	DO	527	527	830	1,029
SHELL-ON . . . . .	DO	129,919	102,147	131,927	105,813
PEELED, RAW . . . . .	DO	37,233	31,255	38,959	31,875
PEELED, COOKED, BUT NOT BREADED . . . . .	DO	1,987	1,733	1,797	1,449
UNCLASSIFIED . . . . .	DO	6,759	5,577	9,999	8,285
TOTAL SHRIMP . . . . .	DO	176,425	141,239	183,512	148,451
<b>CLAMS (IN SHELL OR SHUCKED) . . . . .</b>					
DO		703	125	708	171
<b>OYSTERS:</b>					
EXCEPT SEED OYSTERS . . . . .	DO	1,138	560	3,581	1,067
UNCLASSIFIED (PRINCIPALLY SEED OYSTERS) . . . . .	DO	1,973	313	4,256	827
SCALLOPS . . . . .	DO	16,712	8,375	13,461	9,314
<b>FROG LEGS (INCLUDES PREPARED AND PRESERVED) . . . . .</b>					
DO		3,301	2,474	4,056	2,666
<b>TURTLES (LIVE ONLY) . . . . .</b>					
DO		199	36	353	154
TOTAL SHELLFISH, ETC., FRESH AND FROZEN . . . . .	DO	254,784	229,807	261,568	234,454
TOTAL FRESH AND FROZEN FISH, SHELLFISH, ETC. . . . .	DO	1,315,535	468,549	1,207,822	437,544
<b>CANNED:</b>					
<b>FISH:</b>					
<b>ANCHOVIES:</b>					
IN OIL . . . . .	DO	4,893	3,722	4,081	3,378
NOT IN OIL . . . . .	DO	830	249	849	315
<b>SALMON:</b>					
IN OIL . . . . .	DO	16	31	13	25
NOT IN OIL . . . . .	DO	573	314	108	81
<b>SARDINES:</b>					
IN OIL . . . . .	DO	23,601	11,535	25,494	11,850
NOT IN OIL . . . . .	DO	33,987	5,495	26,945	4,660
<b>HERRING:</b>					
IN OIL . . . . .	DO	50	24	44	26
NOT IN OIL . . . . .	DO	9,690	3,405	9,383	3,175
<b>TUNA:</b>					
IN OIL, ALBACORE . . . . .	DO	160	94	186	105
<b>IN BRINE:</b>					
ALBACORE . . . . .	DO	38,736	18,877	38,674	19,499
OTHER . . . . .	DO	22,664	8,627	26,461	10,594
TOTAL IN BRINE . . . . .	DO	61,400	27,504	65,135	30,093
<b>BONITO AND YELLOWTAIL:</b>					
IN OIL . . . . .	DO	1,534	472	558	192
IN BRINE . . . . .	DO	1,320	322	1,075	289
TOTAL BONITO AND YELLOWTAIL . . . . .	DO	2,854	794	1,633	480
<b>POLLOCK, SMOKED . . . . .</b>					
DO		7	6	8	6
<b>ANTI PASTO, IN OIL . . . . .</b>					
DO		257	202	221	188
<b>FISH CAKES, BALLS AND PUDDING . . . . .</b>					
DO		1,117	289	1,079	295
<b>CAVIAR AND OTHER FISH ROE (MAY INCLUDE SOME NOT CANNED) . . . . .</b>					
DO		527	1,241	352	1,604
<b>FISH PASTE AND SAUCE . . . . .</b>					
DO		168	104	278	138
<b>UNCLASSIFIED:</b>					
IN OIL . . . . .	DO	631	318	622	328
NOT IN OIL . . . . .	DO	22,120	3,181	19,920	2,884
TOTAL CANNED FISH . . . . .	DO	162,881	58,508	156,351	59,631

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

## GENERAL REVIEW

IMPORTS OF FISHERY PRODUCTS ENTERED  
FOR CONSUMPTION, 1966-67 Continued

ITEM	UNIT	1966		1967	
		QUANTITY	1,000 DOLLARS	QUANTITY	1,000 DOLLARS
EDIBLE FISHERY PRODUCTS - CONTINUED					
CANNED - CONTINUED:					
SHELLFISH, ETC.:					
ABALONE (MAY INCLUDE FRESH OR FRIED, AND CANNED PASTE AND SAUCE) . . . . .	1,000 POUNDS	5,027	2,844	4,234	2,471
CLAMS:					
RAZOR . . . . .	DO	14	9	12	8
OTHER . . . . .	DO	1,924	1,235	1,664	1,032
CHOWDER, JUICE, ETC. . . . .	DO	52	7	74	19
CRAB MEAT (INCLUDES PASTE AND SAUCE) . . . . .	DO	2,257	2,819	2,177	2,708
LOBSTER MEAT:					
COMMON . . . . .	DO	2,861	6,747	2,715	6,996
SPINY . . . . .	DO	157	317	149	299
SHRIMP . . . . .	DO	1,547	1,500	2,225	2,070
OYSTERS AND OYSTER JUICE . . . . .	DO	12,015	4,494	16,114	5,645
UNCLASSIFIED (INCLUDES SHELLFISH PASTE AND SAUCE) . . . . .	DO	5,835	2,127	6,001	2,253
TOTAL CANNED SHELLFISH . . . . .	DO	31,689	22,099	35,365	23,721
TOTAL CANNED FISH, SHELLFISH, ETC. . . . .	DO	194,570	80,607	191,716	83,332
CURED:					
DRIED SHRIMP . . . . .	DO	578	390	336	255
DRIED (UNSALTED):					
COD, HADDOCK, HAKE, POLLOCK AND CUSK . . . . .	DO	842	547	981	642
SHARK FINS . . . . .	DO	114	120	154	164
UNCLASSIFIED . . . . .	DO	103	91	110	95
TOTAL DRIED (UNSALTED) . . . . .	DO	1,637	1,148	1,581	1,156
PICKLED OR SALTED:					
COD, HADDOCK, HAKE, POLLOCK, AND CUSK:					
SKINNED OR BONED . . . . .	DO	8,291	2,983	7,733	3,059
OTHER . . . . .	DO	33,278	7,695	28,826	7,238
HERRING . . . . .	DO	31,493	4,690	24,077	3,624
MACKEREL . . . . .	DO	2,080	364	1,706	307
SALMON . . . . .	DO	42	32	9	7
UNCLASSIFIED . . . . .	DO	303	212	225	167
TOTAL PICKLED OR SALTED . . . . .	DO	75,487	15,996	62,576	14,402
SMOKED OR KIPPERED:					
COD, HADDOCK, HAKE, POLLOCK, AND CUSK:					
WHOLE, BEHEADED, OR EVisCERATED OR BOTH . . . . .	DO	174	56	254	86
FILLETS, STEAKS, ETC. . . . .	DO	1,503	489	1,519	495
HERRING:					
WHOLE OR BEHEADED:					
HARD DRY SMOKED . . . . .	DO	60	8	18	3
OTHER . . . . .	DO	1,067	161	955	150
BONED AND NOT BONED (EVisCERATED, SPLIT) . . . . .	DO	990	226	1,026	250
MACKEREL . . . . .	DO	-	-	1	(3)
SALMON . . . . .	DO	89	130	51	79
UNCLASSIFIED . . . . .	DO	127	42	117	40
TOTAL SMOKED OR KIPPERED . . . . .	DO	4,010	1,112	3,951	1,103
TOTAL CURED . . . . .	DO	81,134	18,256	68,108	16,661
OTHER FISH AND SHELLFISH, NOT ESPECIALLY PROVIDED FOR . . . . .	DO	2,475	679	2,791	744
TOTAL EDIBLE FISHERY PRODUCTS . . . . .	DO	1,593,714	568,091	1,470,437	538,301
NONEDIBLE FISHERY PRODUCTS					
OILS, FISH AND MARINE ANIMAL:					
COD:					
INDUSTRIAL . . . . .	1,000 GALLONS	633	455	787	472
MEDICINAL (LIVER) . . . . .	DO	538	518	376	410
HERRING . . . . .	DO	957	519	55	24
SOD . . . . .	DO	44	17	48	19
WHALE:					
SPEARM:					
REFINED . . . . .	DO	994	764	1,019	699
CURED . . . . .	DO	6,511	3,890	5,603	3,018
OTHER . . . . .	DO	(3)	2	9	16

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

# GENERAL REVIEW

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## IMPORTS OF FISHERY PRODUCTS ENTERED FOR CONSUMPTION, 1966-67 Continued

ITEM	UNIT	1966		1967	
		QUANTITY	1,000 DOLLARS	QUANTITY	1,000 DOLLARS
<b>NONEDIBLE FISHERY PRODUCTS - CONTINUED</b>					
<b>OILS, FISH AND MARINE ANIMAL - CONTINUED:</b>					
<b>UNCLASSIFIED:</b>					
BODY . . . . .	1,000 GALLONS	(3)	(3)	7	13
LIVER . . . . .	DO	11	134	15	174
TOTAL FISH AND MARINE ANIMAL OIL . . . . .		9,668	6,299	7,919	4,845
MEAL AND SCRAP, ANIMAL FEED . . . . .	1,000 TONS	448	59,292	651	72,992
FISH SOLUBLES . . . . .	DO	5	319	4	279
FISH SOUNDS . . . . .	1,000 POUNDS	90	95	21	63
GLUE . . . . .	DO	1,113	257	1,222	293
ISINGLASS . . . . .	DO	44	42	36	36
PEARL ESSENCE . . . . .	DO	22	178	73	581
AQUARIUM FISH (INCLUDING GOLDFISH) . . . . .	-	-	860	-	1,369
FISH (OTHER THAN FOR HUMAN CONSUMPTION) . . . . .	-	-	6,727	-	9,996
CUTTLEFISH BONE . . . . .	1,000 POUNDS	264	88	221	76
<b>SHELLS AND BUTTONS:</b>					
MARINE SHELLS, CRUDE (UNMANUFACTURED) . . . . .	DO	2,382	373	2,971	456
SHELL AND MOTHER-OF-PEARL, ORNAMENTED . . . . .	-	-	876	-	764
OCEAN AND FRESH-WATER PEARL AND SHELL BUTTONS AND BLANKS . . . . .	-	-	855	-	610
<b>PEARLS:</b>					
CULTURED . . . . .	-	-	21,236	-	17,140
NATURAL . . . . .	-	-	733	-	576
TOTAL PEARLS . . . . .		-	21,969	-	17,716
AMBERGRIS . . . . .	-	-	31	-	62
SPERMACETI WAX . . . . .	1,000 POUNDS	228	49	260	57
<b>AQUATIC LEATHERS (INCLUDING SEALSKINS, REPTILIAN AND OTHER AQUATIC LEATHER PRODUCTS)</b>					
MOSS AND SEAWEEDES . . . . .	1,000 POUNDS	18,037	2,690	20,564	3,601
AGAR-AGAR . . . . .	DO	679	1,371	818	2,207
SODIUM ALGINATE . . . . .	DO	840	479	391	296
<b>SPONGES:</b>					
SHEEPSWOOL . . . . .	DO	6	24	5	19
YELLOW, GRASS OR VELVET . . . . .	DO	15	24	19	49
HARDHEAD, REEF AND OTHER . . . . .	DO	89	936	67	815
TOTAL SPONGES . . . . .		110	984	91	883
<b>CORAL, UN CUT, UNMANUFACTURED . . . . .</b>					
OTHER FISH, SHELLFISH AND MARINE ANIMAL PRODUCTS:	DO	284	38	387	41
<b>CHEMICALS AND RELATED PRODUCTS . . . . .</b>					
NONMETALLIC MINERALS AND PRODUCTS . . . . .	-	-	18,276	-	18,365
MISCELLANEOUS ITEMS . . . . .	-	-	2,521	-	2,757
TOTAL NONEDIBLE FISHERY PRODUCTS . . . . .		-	151,611	-	169,582
GRAND TOTAL . . . . .		-	719,702	-	707,883

1/ INCLUDES BUREAU OF CUSTOMS DATA ON IMPORTS OF FRESH SEA HERRING INTO MAINE THAT AMOUNTED TO 120,199,112 POUNDS, BUREAU OF CENSUS DATA, WHICH DID NOT INCLUDE MOST ENTRIES VALUED AT LESS THAN \$250 AMOUNTED TO 106,649,301 POUNDS, VALUED AT \$1,752,995.

2/ INCLUDES LANDINGS OF FOREIGN-CAUGHT TUNA IN AMERICAN SAMOA. SUCH LANDINGS ARE NOT INCLUDED IN THE BUREAU OF CENSUS DATA BECAUSE OF THE TERRITORIAL SITUATION OF THE POSSESSION.

3/ LESS THAN 1,000 UNITS OR \$1,000.

NOTE: --DATA FOR 1966 CONTAINS REVISIONS.

## SECTION 2 - NEW ENGLAND FISHERIES

The commercial fisheries of the New England States (Maine, New Hampshire, Massachusetts, Rhode Island, and Connecticut) produced 625.3 million pounds of fish and shellfish worth \$70.3 million to the fishermen-- a decrease of 59.0 million pounds (9 percent) and \$8.0 million (10 percent) compared with 1966. Among the species that declined in volume were haddock, flounders, ocean perch, whiting, scup, lobsters, and sea scallops. However, landings of cod, sea herring, mackerel, shrimp, and unclassified fish used for bait, reduction, and animal food increased compared with the previous year. A sharp increase in the price paid to fishermen for lobsters and sea scallops in 1967 was partially offset by a decline in the price paid for flounders, whiting, and ocean perch.

Compared with 1966, landings were down in all States except Rhode Island. Massachusetts led in volume with 345.6 million pounds--55 percent of the New England total. Maine ranked second with 197.4 million pounds (32 percent), followed by Rhode Island with 76.3 million (12 percent). Connecticut with 4.8 million pounds and New Hampshire with 1.2 million supplied the remaining 1 percent of the New England catch.

**Fishermen and vessels.** The New England fisheries had 18,043 fishermen using 714 vessels (5 net tons or greater) and 9,648 other craft--a decline of 475 fishermen and 251 other craft, but a gain of 10 vessels compared with the previous year.

**Vessel construction.** Eighteen new vessels actively joined the New England fleet--the largest increase in several years. Ten of these craft operated out of New Bedford, Mass., and five out of Maine. Three of the new additions to the New Bedford fleet can be adapted to stern trawling if desired. Boston and Gloucester had no new vessels although three formerly in the New England fleet were returned from Canada and will again fish out of Massachusetts ports.

In 1967 the New England fleet lost 20 vessels but fortunately no lives. Four of the lost vessels were from New Bedford, 3 from Gloucester, and 13 from other New England ports.

**Labor.** At New Bedford, both the Seafood Workers' Union and the Fishermen's Union agreed upon new, 2-year contracts. The Seafood Workers received pay increases, time-and-a-half pay for more than a 40-hour week, and certain fringe benefits. A clause in the new contract providing for time-and-a-half overtime ended, at least temporarily, the Saturday fish auctions that have been held at this port for many years. A disagreement between the

Fishermen's Union and vessel owners resulted in a partial tie-up lasting 2 weeks. This port was not completely shut down, however, as some of the vessels continued to fish. Final agreement called for lower fuel oil charges, increased welfare benefits to crew members, longer periods ashore between trips, and other fringe benefits.

In Gloucester, 3-year contracts were agreed upon by labor and management in the major processing plants. There was no work stoppage. Pay increases and minor fringe benefits were included in the agreement.

The Atlantic Fishermen's Union was successful in their drive for increased membership among the whiting fleet. Most of the crews now are members of that organization.

**Weather.** Fish and shellfish landings in the spring declined appreciably because of unusually severe weather. Groundfish were affected particularly because spring is usually the period of peak production. The fish traps operating on Cape Cod had the worst spring fishery in many years. Pot losses also were heavy in the lobster fishery of the northern New England States. However, New England was fortunate in escaping late summer and early fall hurricanes.

**Groundfish.** Landings of groundfish (cod, haddock, white hake, cusk, pollock, and ocean perch) were 225.5 million pounds worth \$18.1 million--a 15-percent decline in both volume and value compared with 1966.

Imports of groundfish fillets (including blocks) were 283.6 million pounds--31.5 million (11 percent) less than in the previous year. It was the first time since 1960 that imports of groundfish fillets have not increased. The available supply (U.S. production plus imports) of groundfish fillets and blocks in the United States was 354.6 million pounds--35.9 million less than a year ago. U.S. production of 71.0 million pounds was only 20 percent of the available supply.

**Ocean perch.** Landings of ocean perch continued the downward trend of recent years. The 71.4-million-pound harvest worth \$2.8 million was 12 percent less in volume and 18 percent less in value than in the previous year. It was the smallest catch reported since 1938. Imports of ocean perch fillets (36.3 million pounds) declined 13 percent compared with 1966. Cold storage holdings of ocean perch fillets on December 31, 1967, were 18.0 million pounds--12.3 million more than a year earlier.

A major decline occurred in Massachusetts (primarily Gloucester) where landings of only 9.3 million pounds were 7.2 million less than in the previous year. The Maine catch

also declined from 65.1 million pounds in 1966 to 62.2 million in 1967. Only Rockland, Maine, had an improved catch--42.9 million pounds, 60 percent of the total New England production. Ocean perch were plentiful in both the Gulf of St. Lawrence and the Gulf of Maine, but the Nova Scotia banks were not as productive as in former years. By the end of the year, a total of only four plants were processing ocean perch in Gloucester, Portland, and Rockland.

**Haddock.** Haddock landings of 98.4 million pounds declined sharply (26 percent) compared with the previous year. It was the smallest production since 1924. The value (\$11.1 million) was down 20 percent. The percentage of large haddock in the totals increased slightly to 35 percent. Faced with four successive poor year classes, the fishery will become more dependent upon older stock. Massachusetts ports accounted for 97 percent of the landings, and Maine nearly all the rest. Boston increased its share of the Massachusetts landings to 60 percent, followed by Gloucester (23 percent), and New Bedford (13 percent). Vessels from other ports, primarily Gloucester, continued to support the industry at Boston, which was once a leading port. Several of the large steel trawlers belonging to the Boston fleet did not fish at all, and others fished only part of the year.

**Yellowtail flounder.** Yellowtail flounder landings of 52.4 million pounds worth \$5.5 million declined 17 and 30 percent, respectively, compared with the previous year. Massachusetts had 89 percent of the production, and Rhode Island, most of the rest. New Bedford had 91 percent of the New England catch. The market was depressed throughout much of the year by heavy landings of small yellowtails, primarily from grounds off Long Island. The New Bedford City Council passed an ordinance making it illegal to land yellowtail flounders weighing less than three-quarters of a pound. Fishermen reported heavy discards of undersize fish at sea.

Landings of all flounder species were 89.3 million pounds worth \$9.9 million--a decline of 15 percent in volume and 22 percent in value compared with 1966.

**Whiting.** Whiting landings in New England were 59.9 million pounds worth \$1.7 million--a decline of 29 and 54 percent, respectively, compared with 1966. The industry began the year with a large inventory of frozen headed and dressed whiting and, as a result, the 1967 fishing season was delayed until June. Fishing was spotty during most of the year and poor on some of the once productive areas. In spite of this, however, catch limitations were frequently imposed when the market could not

absorb the volume available. For the first time, the industry faced the competition of foreign whiting when imports of headed "Argentine whiting" arrived in this country. Cold storage holdings of headed and dressed whiting on December 31, 1967, were 12.9 million pounds--3.7 million pounds less than at the end of the previous year.

**Sea herring.** Sea herring landings were 68.6 million pounds worth \$1.6 million.

Maine accounted for 64.6 million pounds--11 percent more than in the previous year. The Maine catch of sea herring by purse seines was 37.6 million pounds, 58 percent of the total. In 1966, however, purse seines accounted for only 30 percent of the landings. Use of this gear has increased as the herring fishery has moved into offshore waters. Stop seiners, working inshore, face increasing problems as boat traffic continues to expand in harbors and coves.

Imports of sea herring into Maine ports from Canada were 120.2 million pounds--down 34.4 million compared with the previous year.

The pack of Maine sardines was 1,250,400 standard cases (down 82,100 standard cases from 1966) valued at \$13.9 million--\$1.6 million more than in the previous year, and the highest value since 1962. The demand for canned sardines was good throughout the year, and prices remained high. The inventory of Maine sardines in packers' hands at the end of 1967 was the smallest in a number of years.

In 1967, Maine packers faced their first real competition from imported, Maine-style canned sardines, when 122,000 cases arrived from New Brunswick, Canada.

**Swordfish.** Landings of swordfish at New England ports were 641,000 pounds worth \$250,000. Landings by longliners were only 346,100 pounds--about one-half the amount taken by this gear in 1966. Although longliners from New England landed other trips at Middle Atlantic ports, this method of swordfishing has not been successful and has been almost abandoned. Harpooners took the remainder of the New England swordfish catch. Imports of fresh and frozen swordfish, including whole fish, steaks, and chunks, were 14.0 million pounds in 1967--3.9 million less than in the previous year.

**Tuna.** Six New England-based tuna seiners landed slightly more than 600,000 pounds of tuna--about 1.0 million pounds less than in 1966. The lack of tuna in New England waters brought to an end, at least for the present time, all hopes of developing an active tuna fishery. In 1967 the tuna fleet fished most of

# NEW ENGLAND FISHERIES

the time for alewives, herring, and mackerel-- chiefly used for industrial purposes.

**Industrial fish.** Landings of unclassified species of industrial fish for processing into fish meal and oil were 86.5 million pounds-- 23.1 more than in 1966. The greatest gain occurred in Rhode Island, where landings of 48.7 million pounds increased 12.1 million compared with the previous year. In Massachusetts, landings of 33.8 million pounds were 8.7 million greater than a year earlier. Of this amount, 31.7 million pounds were landed in New Bedford. In June, however, an explosion destroyed the one byproducts plant operating in New Bedford, and processing ended. The plant was rebuilt and will be operating again in 1968.

In Portland, one byproduct plant was forced to close for the entire year because of a shortage of raw material. In an attempt to increase the supply of raw fish, reduction plants in Gloucester and Portland employed Canadian herring seiners for the first time. Unable by Customs regulations to land their catches directly in the United States ports, United States vessels were used as carriers to bring in the herring caught and unloaded by the Canadian seiners outside of the 3-mile limit.

**Fish protein concentrate.** In January 1967, the U.S. Food and Drug Administration approved the production and use for human consumption of fish protein concentrate in the United States. Approval was granted only for the use of whole hake or hake-like species. The first plant authorized to produce this high-protein food is located in New Bedford. Production is scheduled to begin in 1968.

**Lobsters.** Lobster landings of 24.8 million pounds were 3.2 million less than in the previous year. The value, \$20.8 million, also declined \$325,000; however, the average price per pound increased from 75 cents in 1966 to 84 cents in 1967. The decline in the overall lobster catch, combined with increased demand resulted in sustained high prices.

Landings by offshore draggers were 3.3 million pounds--13 percent of the catch. In 1966, dragger landings accounted for 11 percent of the lobster production. No otter-trawl-caught lobsters are landed in Maine or New Hampshire. The season for offshore lobstering by otter trawlers is being lengthened as better methods are developed to keep the lobsters alive when surface water temperatures rise. A few other trawlers continued to fish for lobsters throughout the entire year.

Interest in offshore pot fishing for lobsters has been steadily developing over the past few years. Experimental work by the

Bureau's exploratory fishing vessel Delaware has stimulated interest in the potential of large, plastic-coated metal pots for offshore fishing. The lobster pot fishery in Maine, largely an inshore fishery, had landings of 16.5 million pounds--17 percent less than in 1966, and the smallest production since 1948.

**Sea scallops.** Landings of 7.0 million pounds of sea scallop meats were 37 percent less than in the previous year, and the smallest production since 1945; however, the value, \$5.4 million, declined only 1 percent. A record price of \$1.26 a pound was paid for one trip landed at New Bedford in December. One scalloper left New England to explore the potential of a scallop fishery in Alaska.

Although overall catches were less than in 1966, the larger, newer scallopers had a successful year. The crew shares were occasionally over \$1,000 a trip. Most of the New Bedford scallop landings were taken from waters off the Middle Atlantic States. Imports from Canada declined sharply to 13.1 million pounds compared with the record 16.6 million imported the previous year.

Cold storage holdings of sea scallop meats on December 31, 1967, were 1.2 million pounds compared with 3.4 million on the same date in 1966.

**Shrimp.** Northern shrimp landings at Maine ports continued to increase, reaching 6.9 million pounds worth nearly \$900,000. Ninety-nine craft fished for shrimp. In 1966, landings by 74 craft reached 3.8 million pounds worth \$542,000. The industry is expanding faster than markets can be created, and trip limits were imposed from time to time during the season. One new market was developed by exporting whole, cooked shrimp to European areas by air freight. Compared with 1966, a sharp increase occurred in the production of canned shrimp, and larger quantities were peeled raw and packaged in consumer-size packages. Despite marketing problems, the shrimp industry in Maine appears to have a promising future and further expansion is predicted.

**New construction.** Final plans for a Harbor of Refuge at Provincetown, Mass., have been developed and approved by the U.S. Corps of Army Engineers. Although there had been general agreement on the need for such a harbor those concerned with planning had been unable to settle on a location. Present plans include a stone breakwater 2,500 feet long to be built parallel with and about 860 feet out from the existing town wharf. Work on the project can begin as soon as it is funded by Congress.

**Fishermen training programs.** Under the sponsorship of the U.S. Department of Labor's

Manpower Development and Training Act, and in cooperation with the New Bedford Vocational High School, New Bedford vessel owners and Union officials have been participating in an almost continuous program intended to train new fishermen. The courses last 12 weeks and include time at sea as well as classroom instruction. In 1967, four courses were completed by 48 men, many of whom immediately signed aboard commercial fishing vessels.

In the fall of 1967, the University of Rhode Island launched a unique program of study for men seeking a career in the commercial fishing industry. Twenty-five men enrolled in the first class. The University is offering a 2-year course leading to an associate in science degree. Studies include seamanship, navigation, gear handling, marine technology, and marketing. Practical experience is gained from class work aboard a University-owned research vessel, and by service aboard commercial fishing craft.

**Legislation.** In 1967, the Maine Legislature passed a bill that permits the State Commissioner of Sea and Shore Fisheries to grant exclusive rights to individuals to harvest Irish moss (*Chondrus crispus*) by mechanical methods along sections of the Maine shoreline. This moss has been harvested principally by hand rakers, usually students, working during the summer.

**International.** A 1-year agreement made in November 1967 between the United States and Soviet Russia limited the Soviet fishing effort in the area from Cape Cod to Cape Hatteras. This area is of great importance to the southern New England fishermen catching fluke, scup, and red hake. The agreement provides that the Soviet Union will not increase its fishing effort in this area, and will also curtail fishing entirely in certain areas contiguous to Long Island during January, February, and March. Both countries agreed to not fish in this area at any time with vessels over 110 feet long. The Soviet Union further agreed to avoid taking scup and fluke except as incidental catches. The United States, in return, granted them two loading zones within the treaty area--one off Long Island and the other off the New Jersey coast; and further established within the treaty area a 30-square-mile fishing area that will be open to Soviet fishing during January, February, and March.

The agreement was the culmination of a series of five meetings between the

signatories, and followed cooperative biological research cruises by both countries in September and October, 1967. Two research vessels (one supplied by the Soviet Union and one by the United States)-- made the cruises, and scientific personnel was interchanged.

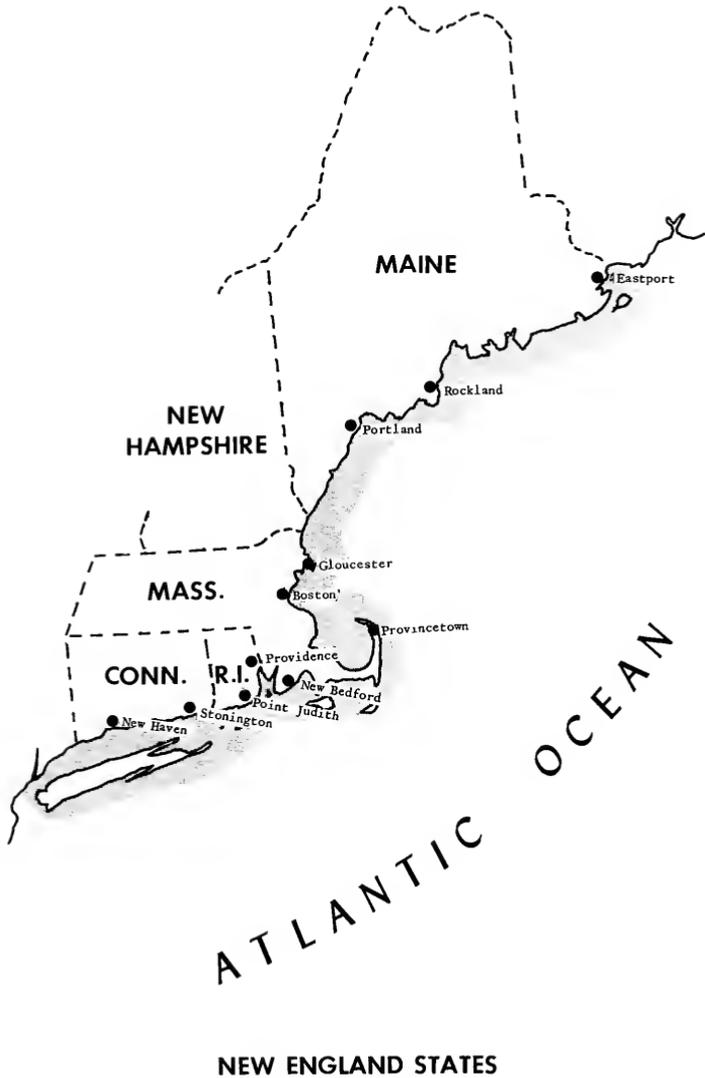
**Bureau activities.** The Bureau's Marine Products Development Irradiator at Gloucester, Mass., has been selected by the International Atomic Energy Agency, Vienna, Austria, as an approved training facility for workers in the food irradiation field. The laboratory is continuing its work on the use of irradiation as a means of prolonging the shelf-life of fish and shellfish products.

The exploratory fishing vessel Delaware II was launched at South Portland, Maine, the last day of the year. The 155-foot stern trawler will replace the Gloucester-based Delaware as the Bureau's primary vessel for fishing exploration and gear research in the North Atlantic. The first Delaware, built in 1937, was used in commercial fishing out of Boston prior to being placed in Government service in 1949.

**Other information.** The following tables contain summarized and detailed information on the 1967 operating units and landings of fish and shellfish in the New England States. Condensed summary data on the operating units and landings by States of the New England area, appearing on the following pages, have been previously published in Current Fishery Statistics No. 4907. 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 Fishery Statistics and in daily, monthly, and annual reports published by the Bureau's Fishery Market News Office, Commonwealth Pier, Boston, Mass.

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

# NEW ENGLAND FISHERIES



# NEW ENGLAND FISHERIES

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## SECTIONAL SUMMARIES

### SUMMARY OF LANDINGS, 1967

(MILLIONS OF POUNDS AND MILLIONS OF DOLLARS)

STATE	FISH		SHELLFISH, ETC.		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
MAINE . . . . .	164	5	33	18	197	23
NEW HAMPSHIRE . . . . .	(1)	(1)	1	1	1	1
MASSACHUSETTS . . . . .	326	27	18	12	346	39
RHODE ISLAND . . . . .	72	3	4	3	76	6
CONNECTICUT . . . . .	3	(1)	2	1	5	1
TOTAL . . . . .	567	35	58	35	625	70

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

### SUMMARY OF OPERATING UNITS, 1967

ITEM	MAINE	NEW HAMPSHIRE	MASSACHUSETTS	RHODE ISLAND	CONNECTICUT	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS . . . . .	479	-	3,084	497	98	3,847
ON BOATS AND SHORE:						
REGULAR . . . . .	3,479	84	908	354	94	4,919
CASUAL . . . . .	3,972	292	3,787	809	417	9,277
TOTAL . . . . .	7,930	376	7,779	1,660	609	18,043
VESSELS, MOTOR . . . . .	149	-	477	120	39	714
GROSS TONNAGE . . . . .	8,431	-	38,854	4,947	1,054	46,350
BOATS:						
MOTOR . . . . .	5,269	175	2,535	931	367	9,294
OTHER . . . . .	214	8	96	35	5	354
GEAR:						
HAUL SEINES, COMMON . . . . .	-	3	6	3	7	19
LENGTH, YARDS . . . . .	-	150	272	350	360	1,132
STOP SEINES . . . . .	87	-	-	-	-	87
LENGTH, YARDS . . . . .	38,150	-	-	-	-	38,150
PURSE SEINES:						
HERRING . . . . .	36	-	3	-	-	39
LENGTH, YARDS . . . . .	20,650	-	1,200	-	-	21,000
MACKEREL . . . . .	-	-	1	1	-	2
LENGTH, YARDS . . . . .	-	-	400	450	-	850
TUNA . . . . .	-	-	6	-	-	6
LENGTH, YARDS . . . . .	-	-	3,900	-	-	3,900
OTHER . . . . .	-	-	4	-	-	4
LENGTH, YARDS . . . . .	-	-	1,700	-	-	1,700
BAG NETS . . . . .	7	15	-	-	-	22
OTTER TRAWLS:						
FISH . . . . .	130	-	407	84	65	636
YARDS AT MOUTH . . . . .	2,443	-	11,025	2,124	1,064	15,442
LOBSTER . . . . .	-	-	32	36	3	67
YARDS AT MOUTH . . . . .	-	-	919	1,105	81	1,937
SHRIMP . . . . .	99	2	-	-	-	101
YARDS AT MOUTH . . . . .	1,530	35	-	-	-	1,565
WEIRS . . . . .	91	5	-	-	-	96
POUND NETS, FISH . . . . .	-	-	30	1	-	31
FLOATING TRAPS . . . . .	9	-	11	21	-	41
POTS AND TRAPS:						
CONCH . . . . .	-	-	200	320	720	1,240
CRAB . . . . .	250	150	20	140	-	560
EEL . . . . .	-	-	301	-	271	897
LOBSTER . . . . .	715,246	18,200	123,626	13,192	19,895	890,159
BOX TRAPS . . . . .	6	-	-	-	-	6
GILL NETS:						
ANCHOR, SET OR STAKE . . . . .	14	-	16	-	3	33
SQUARE YARDS . . . . .	75,480	-	86,400	-	420	162,300
DRIFT:						
SHAD . . . . .	-	-	-	-	36	36
SQUARE YARDS . . . . .	-	-	-	-	71,638	71,638
OTHER . . . . .	-	3	80	-	5	88
SQUARE YARDS . . . . .	-	8,000	61,060	-	2,756	71,816

(CONTINUED ON NEXT PAGE)

## NEW ENGLAND FISHERIES

## SUMMARY OF OPERATING UNITS, 1967 - Continued

ITEM	MAINE	NEW HAMPSHIRE	MASSACHUSETTS	RHODE ISLAND	CONNECTICUT	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
GEAR - CONTINUED:						
LINES:						
HAND . . . . .	452	306	1,658	250	49	2,715
HOOKS . . . . .	452	912	2,633	433	96	4,526
TROLL . . . . .	-	-	6	26	-	32
HOOKS . . . . .	-	-	6	26	-	32
LONG OR SET WITH HOOKS . . . . .	62	6	93	1	-	162
HOOKS . . . . .	250,000	12,500	268,004	1,080	-	531,584
DIP NETS, COMMON . . . . .	108	2	41	-	5	156
HARPOONS:						
SWORDFISH . . . . .	-	-	17	7	-	24
OTHER . . . . .	16	5	19	-	-	40
SPEARS . . . . .	-	19	52	-	-	71
DREOGES:						
CLAM . . . . .	-	-	37	28	3	68
YARDS AT MOUTH . . . . .	-	-	31	28	3	62
MUSSEL . . . . .	-	-	15	-	-	15
YARDS AT MOUTH . . . . .	-	-	15	-	-	15
OYSTER, COMMON . . . . .	5	-	5	-	21	31
YARDS AT MOUTH . . . . .	5	-	5	-	29	39
SCALLOP:						
BAY . . . . .	-	-	1,222	-	-	1,222
YARDS AT MOUTH . . . . .	-	-	971	-	-	971
SEA . . . . .	49	-	71	10	-	128
YARDS AT MOUTH . . . . .	74	-	290	20	-	375
TONGS:						
OYSTER . . . . .	-	-	21	12	11	44
OTHER . . . . .	-	-	111	704	6	821
RAKES:						
OYSTER . . . . .	-	-	2	-	-	2
OTHER . . . . .	232	-	1,091	177	-	1,500
HOES . . . . .	2,285	40	548	52	-	2,925
FORKS . . . . .	-	-	17	-	-	17
DIVING OUTFITS . . . . .	3	-	100	2	-	105

## LANDINGS BY STATES, 1967

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	MAINE		NEW HAMPSHIRE		MASSACHUSETTS	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
FISH						
ALEWIVES . . . . .	1,617	47	65	2	5,432	62
ANGLERFISH . . . . .	-	-	-	-	359	26
BLUEFISH . . . . .	-	-	-	-	70	9
BONITO . . . . .	-	-	-	-	22	4
BUTTERFISH . . . . .	-	-	-	-	23	3
COD . . . . .	3,496	188	70	6	38,674	3,186
CUSK . . . . .	194	11	5	(1)	1,518	95
EEL, COMMON . . . . .	49	9	7	2	40	10
FLOUNDERS:						
BLACKBACK . . . . .	103	6	-	-	16,419	1,975
DAB . . . . .	753	46	-	-	6,485	734
FLUKE . . . . .	-	-	-	-	447	145
GRAY SOLE . . . . .	528	51	-	-	4,774	596
LEMON SOLE . . . . .	(1)	(1)	-	-	1,540	316
YELLOWTAIL . . . . .	78	6	-	-	46,449	4,961
TOTAL FLOUNDERS . . . . .	1,462	109	-	-	76,114	8,727
HADDOCK . . . . .	2,351	215	60	6	95,840	10,855
HAKE:						
RED . . . . .	-	-	-	-	260	7
WHITE . . . . .	1,413	61	1	(1)	1,313	88
HALIBUT . . . . .	100	40	2	1	191	83
HERRING, SEA . . . . .	64,600	1,538	-	-	3,560	58
LAUNCE . . . . .	-	-	23	3	42	6

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

# NEW ENGLAND FISHERIES

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## LANDINGS BY STATES, 1967 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	MAINE		NEW HAMPSHIRE		MASSACHUSETTS	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
<b>FISH - CONTINUED</b>						
MACKEREL, ATLANTIC . . . . .	353	16	5	1	6,015	204
MENHADEN . . . . .	-	-	-	-	21	91
OCEAN PERCH . . . . .	62,154	2,408	-	-	9,254	391
OCEAN POUT . . . . .	-	-	-	-	1	(1)
POLLOCK . . . . .	1,095	55	14	1	6,133	352
SALMON, ATLANTIC . . . . .	(1)	(1)	-	-	-	-
SCUP OR PORGY . . . . .	-	-	-	-	669	89
SEA BASS . . . . .	-	-	-	-	6	1
SHAD . . . . .	(1)	(1)	-	-	509	6
<b>SHARKS:</b>						
GRAYFISH . . . . .	151	1	-	-	12	1
UNCLASSIFIED . . . . .	-	-	-	-	2	(1)
TOTAL SHARKS . . . . .	151	1	-	-	14	1
<b>SKATES:</b>						
SMELT . . . . .	156	33	63	22	157	7
STRIPED BASS . . . . .	-	-	8	1	6	2
STURGEON, COMMON . . . . .	2	(1)	-	-	662	119
SWORDFISH . . . . .	68	30	-	-	3	(1)
TAUOG . . . . .	-	-	-	-	514	205
TILEFISH . . . . .	-	-	-	-	11	1
TUNA:					4	1
BLUEFIN . . . . .	48	5	8	1	996	68
SKIPJACK . . . . .	-	-	-	-	36	4
TOTAL TUNA . . . . .	48	5	8	1	1,032	72
<b>WHITE PERCH:</b>						
WHITING . . . . .	20,726	504	-	-	1	(1)
WOLFFISH . . . . .	14	1	-	-	37,812	1,098
UNCLASSIFIED:					490	27
FOR FOOD . . . . .	917	67	-	-	7,229	598
BAIT, REDUCTION, AND ANIMAL FOOD . . . . .	2,810	30	-	-	33,829	469
TOTAL FISH . . . . .	163,798	5,368	331	46	327,830	26,865
<b>SHELLFISH, ETC.</b>						
<b>CRABS:</b>						
GREEN . . . . .	10	1	45	5	4	(1)
ROCK . . . . .	1,678	76	15	1	20	3
TOTAL CRABS . . . . .	1,688	77	60	6	24	3
<b>LOBSTERS, NORTHERN:</b>						
LOBSTERS, NORTHERN . . . . .	16,489	13,598	718	610	4,706	4,179
SHRIMP . . . . .	6,925	865	44	5	22	2
<b>CLAMS:</b>						
<b>HARD:</b>						
PUBLIC . . . . .	-	-	-	-	1,157	885
PRIVATE . . . . .	-	-	-	-	233	176
RAZOR . . . . .	-	-	-	-	5	2
SOFT, PUBLIC . . . . .	3,176	1,479	-	-	990	678
SURF . . . . .	-	-	-	-	16	5
TOTAL CLAMS . . . . .	3,176	1,479	-	-	2,401	1,746
<b>CONCHS:</b>						
CONCHS . . . . .	-	-	-	-	56	15
MUSSELS, SEA . . . . .	371	31	-	-	404	62
<b>OYSTERS, MARKET:</b>						
<b>PUBLIC:</b>						
SPRING . . . . .	-	-	-	-	8	19
FALL . . . . .	4	4	-	-	6	15
PRIVATE:					16	48
SPRING . . . . .	-	-	-	-	29	79
FALL . . . . .	-	-	-	-	-	-
TOTAL OYSTERS . . . . .	4	4	-	-	59	161
<b>PERIWINKLES AND COCKLES:</b>						
PERIWINKLES AND COCKLES . . . . .	54	14	-	-	-	-

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

## NEW ENGLAND FISHERIES

## LANDINGS BY STATES, 1967 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	MAINE		NEW HAMPSHIRE		MASSACHUSETTS	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
SHELLFISH, ETC. - CONTINUED						
SCALLOPS:						
BAY . . . . .	-	-	-	-	455	579
SEA . . . . .	188	152	-	-	6,819	5,272
TOTAL SCALLOPS . . . . .	188	152	-	-	7,274	5,851
SQUID . . . . .	-	-	-	-	885	46
SEA URCHINS . . . . .	111	3	-	-	-	-
IRISH MOSS . . . . .	3,180	55	-	-	1,880	38
BLOODWORMS . . . . .	748	835	-	-	1	2
SANDWORMS . . . . .	706	492	13	16	79	96
TOTAL SHELLFISH, ETC..	33,640	17,605	835	637	17,791	12,203
GRAND TOTAL . . . . .	197,438	22,973	1,166	683	345,621	39,066
SPECIES	RHODE ISLAND		CONNECTICUT		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
FISH						
ALEWIVES . . . . .	186	3	23	(1)	7,323	114
ANCHOVIES . . . . .	16	3	-	-	16	3
ANGLERFISH . . . . .	4	(1)	-	-	353	(1)
BILLFISH . . . . .	1	(1)	-	-	-	-
BLUEFISH . . . . .	79	10	62	9	211	28
BONITO . . . . .	(1)	(1)	-	-	22	4
BUTTERFISH . . . . .	1,327	188	11	2	1,361	193
COD . . . . .	1,323	100	307	26	43,670	3,506
CUNNER . . . . .	(1)	(1)	-	-	(1)	(1)
CUSK . . . . .	(1)	(1)	-	-	1,717	106
EELS:						
COMMON . . . . .	32	8	14	3	142	32
CONGER . . . . .	4	(1)	-	-	4	(1)
FLOUNDERS:						
BLACKBACK . . . . .	3,844	243	686	71	21,252	2,295
DAB . . . . .	51	5	(1)	(1)	7,289	785
FLUKE . . . . .	706	241	48	16	1,201	402
GRAY SOLE . . . . .	312	39	-	-	5,614	686
LEMON SOLE . . . . .	18	4	-	-	1,558	320
YELLOWTAIL . . . . .	5,793	487	67	6	52,387	5,460
TOTAL FLOUNDERS . . . . .	10,724	1,019	1,001	93	89,301	9,948
HAaddock . . . . .	187	16	-	-	98,438	11,092
HAKE:						
RED . . . . .	88	4	2	(1)	350	11
WHITE . . . . .	39	2	-	-	2,765	151
HALLIBUT . . . . .	(1)	(1)	-	-	293	124
HERRING, SEA . . . . .	996	18	1	(1)	68,557	1,614
KING WHITING OR "KINGFISH" . . . . .	(1)	(1)	-	-	(1)	(1)
LAUNCE . . . . .	-	-	-	-	65	9
MACKEREL, ATLANTIC . . . . .	658	59	8	1	7,039	281
MENHADEN . . . . .	13	(1)	2	(1)	36	1
OCEAN PERCH . . . . .	-	-	-	-	71,409	2,799
OCEAN POUT . . . . .	-	-	-	-	1	(1)
POLLOCK . . . . .	51	2	-	-	7,293	410
SALMON, ATLANTIC . . . . .	-	-	-	-	7,316	(1)
SCUP OR PORGY . . . . .	6,416	1,304	231	51	1,444	16
SEA BASS . . . . .	48	15	1	(1)	55	3
SEA ROBIN . . . . .	126	2	29	1	155	3
SEA TROUT OR WEAFFISH, GRAY	2	(1)	-	-	2	(1)
SHAD . . . . .	5	(1)	240	46	754	52
SHARKS:						
GRAYFISH . . . . .	1	(1)	3	(1)	167	2
UNCLASSIFIED . . . . .	1	(1)	1	(1)	4	(1)
TOTAL SHARKS . . . . .	2	(1)	4	(1)	171	2
SKATES . . . . .	5	(1)	18	(1)	180	7
SMELT . . . . .	2	(1)	1	(1)	230	57
STRIPED BASS . . . . .	132	25	-	-	802	145
STURGEON, COMMON . . . . .	3	(1)	2	(1)	10	(1)

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

# NEW ENGLAND FISHERIES

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## LANDINGS BY STATES, 1967 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	RHODE ISLAND		CONNECTICUT		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
<b>FISH - CONTINUED</b>						
SWORDFISH . . . . .	39	15	-	-	641	250
TAUOG . . . . .	28	2	6	(1)	45	3
TILEFISH . . . . .	60	9	-	-	64	10
<b>TUNA:</b>						
BLUEFIN . . . . .	6	1	-	-	1,058	75
SKIPJACK . . . . .	-	-	-	-	36	4
TOTAL TUNA . . . . .	6	1	-	-	1,094	79
WHITE PERCH . . . . .	11	2	-	-	12	2
WHITING . . . . .	1,270	49	96	3	59,904	1,654
WOLFFISH . . . . .	(1)	(1)	-	-	504	28
<b>UNCLASSIFIED:</b>						
FOR FOOD . . . . .	28	2	(1)	(1)	6,174	667
BAIT, REDUCTION, AND ANIMAL FOOD . . . . .	48,652	399	1,210	26	86,501	924
TOTAL FISH . . . . .	71,964	3,257	3,269	261	567,192	35,797
<b>SHELLFISH, ETC.</b>						
<b>CRABS:</b>						
GREEN . . . . .	4	1	-	-	63	7
ROCK . . . . .	104	12	-	-	1,817	92
TOTAL CRABS . . . . .	108	13	-	-	1,880	99
LOBSTERS, NORTHERN . . . . .	1,951	1,597	902	809	24,766	20,793
SHRIMP . . . . .	-	-	-	-	6,991	872
<b>CLAMS:</b>						
<b>HARD:</b>						
PUBLIC . . . . .	1,268	786	1	1	2,426	1,672
PRIVATE . . . . .	-	-	240	100	473	276
OCEAN QUAHOG . . . . .	45	6	-	-	45	6
RAZOR . . . . .	-	-	-	-	5	2
SOFT, PUBLIC . . . . .	41	23	-	-	4,207	2,180
SURF . . . . .	-	-	-	-	16	5
TOTAL CLAMS . . . . .	1,354	815	241	101	7,172	4,141
CONCHS . . . . .	37	10	77	19	170	44
MUSSELS, SEA . . . . .	-	-	-	-	775	93
<b>OYSTERS, MARKET:</b>						
<b>PUBLIC:</b>						
SPRING . . . . .	1	1	-	-	9	20
FALL . . . . .	1	1	3	4	14	24
<b>PRIVATE:</b>						
SPRING . . . . .	1	1	117	257	134	306
FALL . . . . .	2	2	135	315	166	396
TOTAL OYSTERS . . . . .	5	5	255	576	323	746
PERIWINKLES AND COCKLES . . . . .	-	-	-	-	54	14
<b>SCALLOPS:</b>						
<b>BAY:</b>						
SEA . . . . .	18	14	-	-	455	579
SEA . . . . .	-	-	-	-	7,025	5,436
TOTAL SCALLOPS . . . . .	18	14	-	-	7,480	6,017
<b>SQUID</b>						
SEA URCHINS . . . . .	910	53	24	2	1,819	101
IRISH MOSS . . . . .	-	-	-	-	111	3
BLOODWORMS . . . . .	-	-	-	-	5,060	93
SANDWORMS . . . . .	-	-	-	-	749	837
SANDWORMS . . . . .	-	-	-	-	798	606
TOTAL SHELLFISH, ETC. . . . .	4,363	2,507	1,499	1,507	58,146	34,459
GRAND TOTAL . . . . .	76,347	5,764	4,768	1,768	625,340	70,256

1/ LESS THAN 500 POUNDS OR \$500. NOTE:--STATISTICS ON THE LANDINGS ARE SHOWN IN ROUND (LIVE) WEIGHT EXCEPT FOR SHELL MOLLUSKS, CLAMS, CONCHS, MUSSELS, OYSTERS, AND PERIWINKLES AND COCKLES ARE REPORTED IN WEIGHT OF TOTAL MEATS. SCALLOPS ARE REPORTED IN WEIGHT OF EDIBLE MEATS.

## NEW ENGLAND FISHERIES

## LANDINGS OF CERTAIN SHELLFISH, 1967

(U.S. STANDARD BUSHELS)

SPECIES	MAINE		MASSACHUSETTS		RHODE ISLAND	
	NUMBER	VALUE	NUMBER	VALUE	NUMBER	VALUE
CLAMS:						
HARD:						
PUBLIC . . . . .	-	-	105,136	\$885,209	105,666	\$786,501
PRIVATE . . . . .	-	-	21,200	176,200	-	-
OCEAN QUAHOG . . . . .	-	-	-	-	4,510	5,589
RAZOR . . . . .	-	-	331	2,182	-	-
SOFT, PUBLIC . . . . .	211,753	\$1,478,777	76,154	678,331	3,162	22,569
SURF . . . . .	-	-	1,500	4,512	-	-
CONCHS . . . . .	-	-	3,700	15,317	2,500	10,017
MUSSELS, SEA . . . . .	24,707	31,473	40,370	61,805	-	-
OYSTERS, MARKET:						
PUBLIC:						
SPRING . . . . .	-	-	1,231	19,045	100	742
FALL . . . . .	547	4,432	985	15,100	100	745
PRIVATE:						
SPRING . . . . .	-	-	2,523	47,552	143	1,500
FALL . . . . .	-	-	4,492	78,580	228	2,250
PERIWINKLES AND COCKLES . . . . .	3,011	13,596	-	-	-	-
SCALLOPS:						
BAY . . . . .	-	-	75,850	579,247	-	-
SEA . . . . .	31,400	151,501	1,136,533	5,271,990	3,067	14,410

SPECIES	CONNECTICUT		TOTAL	
	NUMBER	VALUE	NUMBER	VALUE
CLAMS:				
HARD:				
PUBLIC . . . . .	117	\$628	210,919	\$1,672,338
PRIVATE . . . . .	20,000	100,000	41,200	276,200
OCEAN QUAHOG . . . . .	-	-	4,510	5,589
RAZOR . . . . .	-	-	331	2,182
SOFT, PUBLIC . . . . .	-	-	291,069	2,179,677
SURF . . . . .	-	-	1,500	4,512
CONCHS . . . . .	5,127	18,619	11,327	43,953
MUSSELS, SEA . . . . .	-	-	65,077	93,278
OYSTERS, MARKET:				
PUBLIC:				
SPRING . . . . .	-	-	1,331	19,767
FALL . . . . .	390	3,840	2,022	24,117
PRIVATE:				
SPRING . . . . .	15,169	256,621	17,835	305,773
FALL . . . . .	17,519	314,868	22,239	395,698
PERIWINKLES AND COCKLES . . . . .	-	-	3,011	13,596
SCALLOPS:				
BAY . . . . .	-	-	75,850	579,247
SEA . . . . .	-	-	1,171,000	5,437,901

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

## AVERAGE WEIGHTS OF CERTAIN SHELLFISH, 1967

(POUNDS OF MEATS PER U.S. STANDARD BUSHEL)

SPECIES	MAINE	MASSACHUSETTS	RHODE ISLAND	CONNECTICUT
	QUANTITY	QUANTITY	QUANTITY	QUANTITY
CLAMS:				
HARD:				
PUBLIC . . . . .	-	11.00	12.00	12.00
PRIVATE . . . . .	-	11.00	-	12.00
OCEAN QUAHOG . . . . .	-	-	10.00	-
RAZOR . . . . .	-	16.00	-	-
SOFT, PUBLIC . . . . .	15.00	13.00	13.00	-
SURF . . . . .	-	11.00	-	-
CONCHS . . . . .	-	15.00	15.00	15.00
MUSSELS, SEA . . . . .	15.00	10.00	-	-
OYSTERS, MARKET:				
PUBLIC:				
SPRING . . . . .	-	6.50	7.00	-
FALL . . . . .	7.50	6.50	7.00	7.70
PRIVATE:				
SPRING . . . . .	-	6.50	7.00	7.70
FALL . . . . .	-	6.50	7.00	7.70
PERIWINKLES AND COCKLES . . . . .	18.00	-	-	-
SCALLOPS:				
BAY . . . . .	-	6.00	-	-
SEA . . . . .	6.00	6.00	6.00	-

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

# NEW ENGLAND FISHERIES

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## PROCESSED FISHERY PRODUCTS, 1967

ITEM	MAINE		NEW HAMPSHIRE	
	QUANTITY	VALUE	QUANTITY	VALUE
ALEWIVES:				
SALTED . . . . .	POUNDS (1)	(1)	-	-
SMOKED . . . . .	DO 9,675	\$968	-	-
COD:				
FILLETS, FRESH AND FROZEN . . . . .	DO 229,000	83,040	-	-
SALTED (WHOLE FILLETS, BITS, ETC.) . . . . .	DO 175,715	73,563	-	-
SMOKED FILLETS . . . . .	DO (1)	(1)	-	-
CUSK FILLETS, FRESH AND FROZEN . . . . .	DO 121,410	41,853	-	-
FLOUNDER FILLETS, FRESH . . . . .	DO 79,350	40,462	-	-
HADDOCK:				
FILLETS, FRESH AND FROZEN . . . . .	DO 632,700	329,671	-	-
SPECIALTIES, CANNED (FINNAN HADDIE AND CREAMED) . . . . .	STANDARD CASES (1)	(1)	-	-
SMOKED (FILLETS AND FINNAN HADDIE) . . . . .	POUNDS 25,500	18,780	-	-
HAKE FILLETS:				
FRESH AND FROZEN . . . . .	DO 43,200	13,596	-	-
SMOKED . . . . .	DO (1)	(1)	-	-
HERRING, SEA:				
CANNED:				
SARDINES . . . . .	STANDARD CASES 1,250,411	13,862,330	-	-
SPECIALTIES (SPREADS) . . . . .	DO (1)	(1)	-	-
SMOKED . . . . .	POUNDS (1)	(1)	-	-
MEAL AND SCRAP . . . . .	TONS (1)	(1)	-	-
OIL . . . . .	1,000 POUNDS (1)	(1)	-	-
PEARL ESSENCE . . . . .	(1)	1,049,071	-	-
MACKEREL, ATLANTIC, CANNED (NATURAL) . . . . .	STANDARD CASES (1)	(1)	-	-
OCEAN PERCH:				
FILLETS:				
FRESH AND FROZEN . . . . .	POUNDS 15,576,196	4,030,000	-	-
BREADED, RAW AND COOKED, FROZEN . . . . .	DO (1)	(1)	-	-
MEAL AND SCRAP . . . . .	TONS 5,702	766,590	-	-
OIL . . . . .	1,000 POUNDS 520	30,929	-	-
POLLOCK:				
FILLETS, FRESH AND FROZEN . . . . .	POUNDS 291,500	59,360	-	-
SALTED . . . . .	DO (1)	(1)	-	-
SMOKED (FILLETS AND FINNAN HADDIE) . . . . .	DO (1)	(1)	-	-
SALMON, CANNED (SPREADS AND CREAMED) . . . . .	STANDARD CASES (1)	(1)	-	-
TUNA, CANNED:				
REGULAR . . . . .	DO (1)	(1)	-	-
SPECIALTIES (SPREADS AND CREAMED) . . . . .	DO (1)	(1)	-	-
ANIMAL FOOD . . . . .	DO (1)	(1)	-	-
WHITING, FRESH AND FROZEN:				
HEADED AND DRESSED . . . . .	POUNDS 10,205,443	1,117,311	-	-
FILLETS . . . . .	DO 332,525	72,760	-	-
CRABS:				
COOKED MEAT, FRESH . . . . .	DO 173,310	274,377	-	-
CANNED:				
REGULAR . . . . .	STANDARD CASES (1)	(1)	-	-
SPECIALTIES (DEVILED, DIPS AND SPREADS) . . . . .	DO (1)	(1)	-	-
LOBSTERS, NORTHERN:				
FRESH AND FROZEN:				
COOKED MEAT . . . . .	POUNDS 159,624	721,517	51,900	\$252,233
WHOLE . . . . .	DO (1)	(1)	-	-
CANNED:				
REGULAR . . . . .	STANDARD CASES (1)	(1)	-	-
SPECIALTIES (DIPS, SPREADS, BISQUE, ETC.) . . . . .	DO (1)	(1)	-	-
SHRIMP:				
FRESH AND FROZEN:				
RAW, HEADLESS . . . . .	POUNDS 481,507	241,404	-	-
PEELED (INCLUDING DEVILED):				
RAW . . . . .	DO 1,561,450	1,102,049	(3)	(3)
COOKED . . . . .	DO (1)	(1)	-	-
WHOLE IN SHELL, COOKED . . . . .	DO (1)	(1)	-	-
CANNED:				
REGULAR . . . . .	STANDARD CASES (1)	(1)	-	-
SPECIALTIES (DIPS) . . . . .	DO (1)	(1)	-	-
CLAMS:				
FRESH AND FROZEN, SHUCKED, SOFT . . . . .	GALLONS 157,798	1,003,708	87,992	620,623
CANNED:				
WHOLE AND MINCED . . . . .	STANDARD CASES 15,422	218,091	-	-
CHOWDER AND JUICE . . . . .	DO (1)	(1)	-	-
SPECIALTIES (CRISPS, STEWS, A LA KING, IN SHELL, ETC.) . . . . .	DO (1)	(1)	-	-
UNCLASSIFIED:				
FRESH AND FROZEN, PACKAGED FISH: STICKS, BREADED, COOKED . . . . .	POUNDS (1)	(1)	(4)	(4)

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

## NEW ENGLAND FISHERIES

## PROCESSED FISHERY PRODUCTS, 1967 - Continued

ITEM	MAINE		NEW HAMPSHIRE	
	QUANTITY	VALUE	QUANTITY	VALUE
UNCLASSIFIED - CONTINUED:				
FRESH AND FROZEN, PACKAGED FISH - CONTINUED:				
PORTIONS:				
RAW:				
NOT BREADED. . . . .	POUNDS	(1)	-	-
BREADED. . . . .	DO	(1)	(4)	(4)
BREADED AND COOKED. . . . .	DO	(1)	(4)	(4)
FISH AND SHELLFISH. . . . .	DO	5,596,563	\$2,175,980	-
CANNED. . . . .	STANDARD CASES	675,690	5,361,070	-
CURED. . . . .	POUNDS	373,180	88,230	-
INDUSTRIAL. . . . .	-	-	6,930,117	-
TOTAL. . . . .	-	-	38,920,939	\$1,668,764
ITEM	MASSACHUSETTS		RHODE ISLAND AND CONNECTICUT	
	QUANTITY	VALUE	QUANTITY	VALUE
CHUBS, SMOKED. . . . .	POUNDS	(1)	-	-
COD:				
FILLETS:				
FRESH AND FROZEN. . . . .	DO	8,402,895	\$3,308,939	-
BREADED, RAW AND COOKED, FROZEN. . . . .	DO	216,400	90,623	-
STEAKS, FRESH AND FROZEN. . . . .	DO	(2)	-	-
CANNED SPECIALTIES (CAKES, FLAKES, ETC.). . . . .	STANDARD CASES	(1)	(1)	-
SMOKED FILLETS. . . . .	POUNDS	(1)	(1)	-
OIL, LIVER. . . . .	1,000 POUNDS	(1)	-	-
CUSK FILLETS, FRESH AND FROZEN. . . . .	POUNDS	392,711	138,811	-
FLOUNDER:				
FILLETS:				
FRESH. . . . .	DD	20,745,287	9,494,608	800,110
FROZEN. . . . .	DO	6,180,678	2,488,325	325,459
BREADED, RAW AND COOKED, FROZEN. . . . .	DO	1,361,627	791,925	-
SPECIALTIES, FROZEN (DINNERS AND IN SAUCES). . . . .	DO	(1)	(1)	-
HADDOCK:				
FILLETS:				
FRESH AND FROZEN. . . . .	DO	32,820,554	14,694,973	-
BREADED, RAW AND COOKED, FROZEN. . . . .	DO	2,550,895	1,193,528	-
SPECIALTIES, FROZEN (DINNERS AND AU GRATIN). . . . .	DO	(1)	-	-
SMOKED (FILLETS AND FINNAN HADDIE)	DO	(1)	-	-
HAKE FILLETS, FRESH AND FROZEN. . . . .	DD	42,773	14,454	-
HALIBUT:				
STEAKS, FRESH AND FROZEN. . . . .	DO	450,640	265,668	-
OIL, LIVER. . . . .	1,000 POUNDS	(1)	-	-
HERRING, SEA:				
SALTED. . . . .	POUNDS	(1)	(1)	-
SMOKED. . . . .	DO	-	(1)	-
PEARL NOVELTIES. . . . .	-	-	(1)	-
MACKEREL, ATLANTIC:				
FILLETS, FROZEN. . . . .	POUNDS	(1)	(1)	-
SALTED. . . . .	DO	(1)	(1)	-
SMOKED. . . . .	DO	(1)	(1)	-
OCEAN PERCH:				
FILLETS:				
FRESH AND FROZEN. . . . .	DO	3,296,637	900,841	-
BREADED, RAW AND COOKED, FROZEN. . . . .	DO	2,559,763	1,020,334	-
SPECIALTIES, FROZEN (DINNERS). . . . .	DO	(1)	(1)	-
POLLOCK:				
FILLETS:				
FRESH AND FROZEN. . . . .	DO	2,576,779	678,204	-
BREADED, RAW AND COOKED, FROZEN. . . . .	DO	(1)	(1)	-
STEAKS, FRESH AND FROZEN. . . . .	DO	(2)	(2)	-
CANNED (FLAKES). . . . .	STANDARD CASES	(1)	(1)	-
SMOKED (FILLETS AND FINNAN HADDIE)	POUNDS	(1)	-	-
SABLEFISH, SMOKED. . . . .	DO	(1)	(1)	-
SALMON:				
STEAKS, FRESH AND FROZEN. . . . .	DO	66,990	57,869	-
SMOKED. . . . .	DO	(1)	-	-
SHAD FILLETS, FRESH (BONED). . . . .	DO	-	-	25,539
SMELT, BREADED AND COOKED, FROZEN. . . . .	DO	82,900	30,127	-
SWORDFISH:				
STEAKS:				
FRESH AND FROZEN. . . . .	DO	481,751	296,475	-
FROZEN, IN LEMON BUTTER SAUCE. . . . .	DO	(1)	-	-
OIL, LIVER. . . . .	1,000 POUNDS	(1)	(1)	-

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

# NEW ENGLAND FISHERIES

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## PROCESSED FISHERY PRODUCTS, 1967 - Continued

ITEM	MASSACHUSETTS		RHODE ISLAND AND CONNECTICUT	
	QUANTITY	VALUE	QUANTITY	VALUE
<b>TUNA:</b>				
SPECIALTIES, FROZEN (WITH NOODLES)	POUNDS	(1)	-	-
OIL, LIVER . . . . .	1,000 POUNDS	(1)	-	-
WHITEFISH, SMOKEO . . . . .	POUNDS	(1)	-	-
<b>WHITING, FRESH AND FROZEN:</b>				
HEADED AND DRESSED . . . . .	DO	18,077,953	\$2,044,920	-
FILLETS . . . . .	DO	1,485,306	379,713	-
WOLFISH FILLETS, FRESH AND FROZEN .	DO	120,053	47,420	-
<b>CRABS:</b>				
COOKED MEAT, FRESH . . . . .	DO	41,470	93,648	-
SPECIALTIES, FROZEN (CAKES, BREADED AND COOKED) . . . . .	DO	(1)	(1)	-
<b>LOBSTERS, NORTHERN:</b>				
FRESH AND FROZEN, COOKED MEAT. . .	DO	675,517	3,035,840	68,587
<b>CANNED:</b>				
REGULAR . . . . .	STANDARD CASES	-	-	(1)
SPECIALTIES (DIPS, SPREADS, BISQUE, ETC.) . . . . .	DO	-	-	(1)
<b>SHRIMP, FRESH AND FROZEN:</b>				
PEELED (INCLUDING DEVEINED):				
RAW . . . . .	POUNDS	(1)	(1)	-
COOKED . . . . .	DO	1,035,500	1,646,250	-
BREADED AND COOKED . . . . .	DO	222,970	321,626	-
SPECIALTIES (COCKTAILS, SOUPS, DINNERS, ETC.) . . . . .	DO	(1)	(1)	-
<b>CLAMS:</b>				
<b>FRESH AND FROZEN:</b>				
<b>SHUCKED:</b>				
HARD (INCLUDING SURF AND OCEAN QUAHOG) . . . . .	GALLONS	105,386	316,300	384,965
SOFT . . . . .	DO	116,326	857,569	1,607,871
BREADED, RAW AND COOKED . . . . .	POUNDS	(1)	(1)	(1)
<b>SPECIALTIES:</b>				
STUFFED ON THE HALF SHELL, . . .	DO	423,738	365,070	-
OTHER (CHOWDER, CHOWDER BASE, CROQUETTES, ETC.) . . . . .	DO	(1)	(1)	(1)
<b>CANNED:</b>				
CHOWDER AND JUICE . . . . .	STANDARD CASES	(1)	(1)	(1)
SPECIALTIES (CRISPS, STEWS, A LA KING, IN SHELL, ETC.) . . . . .	DO	-	-	(1)
CONCH MEAT, FRESH AND FROZEN . . .	POUNDS	-	-	(1)
OYSTER SPECIALTIES, FROZEN (STEW) .	DO	(1)	(1)	(1)
<b>SCALLOPS, FRESH AND FROZEN:</b>				
<b>BAY, SHUCKED</b>				
SEA:	GALLONS	52,011	579,247	-
<b>SHUCKED:</b>				
BREADED: . . . . .	POUNDS	2,404,927	2,295,667	-
RAW . . . . .	DO	515,095	473,123	(1)
COOKED . . . . .	DO	3,367,276	3,258,051	(1)
SPECIALTIES (DINNERS, AND IN SAUCE) . . . . .	DO	(1)	(1)	-
<b>UNCLASSIFIED:</b>				
<b>FRESH AND FROZEN, PACKAGED FISH:</b>				
<b>STICKS, BREADED:</b>				
RAW . . . . .	DO	1,074,601	424,168	-
COOKED . . . . .	DO	32,836,712	14,756,817	-
<b>PORTIONS:</b>				
<b>RAW:</b>				
NOT BREADED . . . . .	DO	4,788,267	2,316,110	-
BREADED . . . . .	DO	38,738,623	14,709,218	-
BREADED AND COOKED . . . . .	DO	11,072,340	4,574,751	-
CAKES, BREADED AND COOKED . . . . .	DO	4,135,484	1,587,369	-
FISH AND SHELLFISH . . . . .	DO	14,853,254	10,560,262	347,585
CANNED . . . . .	STANDARD CASES	3,333,621	22,998,879	(5)
CURED . . . . .	POUNDS	1,089,816	1,168,186	(5)
INDUSTRIAL . . . . .	-	-	803,423	644,600
<b>TOTAL</b> . . . . .	-	-	125,079,351	3,367,303

1/ INCLUDED WITH UNCLASSIFIED.

2/ INCLUDED WITH THE FILLET PRODUCTION.

3/ A SMALL PRODUCTION OF PEELED RAW SHRIMP HAS BEEN INCLUDED WITH THE PRODUCTION FOR MAINE.

4/ THE PRODUCTION OF FISH STICKS AND PORTIONS HAS BEEN INCLUDED WITH THE PRODUCTION FOR MAINE.

5/ INCLUDED WITH UNCLASSIFIED FISH AND SHELLFISH.

NOTE:--THIS TABLE WILL NOT ADD. INDIVIDUAL STATE TOTALS ARE CORRECT. SOME PRODUCTS MAY HAVE BEEN PROCESSED FROM RAW PRODUCTS IMPORTED FROM ANOTHER STATE OR A FOREIGN COUNTRY; THEREFORE, THEY CANNOT BE CORRELATED DIRECTLY WITH THE CATCH WITHIN THE STATE. CERTAIN ITEMS ARE SHOWN IN AN INTERMEDIATE AND ALSO A MORE ADVANCED STAGE OF PROCESSING.

# NEW ENGLAND FISHERIES

## SUMMARY OF PROCESSED PRODUCTS, 1967

(THOUSANDS OF DOLLARS)

ITEM	VALUE
PACKAGEO:	
FRESH . . . . .	33,429
FROZEN . . . . .	81,546
CANNED . . . . .	42,476
CURED . . . . .	1,340
INDUSTRIAL . . . . .	10,245
TOTAL . . . . .	169,036

## VALUE OF PROCESSED PRODUCTS, BY STATES, 1967

(THOUSANDS OF DOLLARS)

STATE	VALUE
MAINE . . . . .	39,921
NEW HAMPSHIRE . . . . .	1,669
MASSACHUSETTS . . . . .	125,079
RHODE ISLAND . . . . .	3,139
CONNECTICUT . . . . .	228
TOTAL . . . . .	169,036

## WHOLESALE AND PROCESSING, 1967

ITEM	MAINE	NEW HAMPSHIRE	MASSACHUSETTS	RHODE ISLAND	CONNECTICUT	TOTAL
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
WHOLESALE AND PROCESSING:						
ESTABLISHMENTS . . . . .	252	14	253	33	8	560
PERSONS ENGAGED:						
AVERAGE FOR SEASON . . . . .	5,624	243	5,848	301	46	12,062
AVERAGE FOR YEAR . . . . .	3,574	140	4,916	246	40	8,916



# NEW ENGLAND FISHERIES MAINE

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## OPERATING UNITS BY GEAR, 1967

ITEM	STOP SEINES	PURSE SEINES, HERRING	BAG NETS	OTTER TRAWLS		WEIRS	FLOATING TRAPS
				FISH	SHRIMP		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS . . . . .	65	42	-	325	126	-	-
ON BOATS AND SHORE:							
REGULAR . . . . .	112	37	2	36	43	98	7
CASUAL . . . . .	230	106	6	27	23	71	20
TOTAL . . . . .	407	185	8	388	192	169	27
VESSELS, MOTOR . . . . .	16	9	-	94	56	-	-
GROSS TONNAGE . . . . .	260	496	-	7,103	1,608	-	-
BOATS:							
MOTOR . . . . .	86	40	3	36	43	91	7
OTHER . . . . .	126	48	3	-	-	65	7
GEAR:							
NUMBER . . . . .	87	38	7	130	99	91	9
LENGTH, YARDS . . . . .	38,150	20,650	-	-	-	-	-
YARDS AT MOUTH . . . . .	-	-	-	2,443	1,530	-	-

ITEM	POTS AND TRAPS			GILL NETS, ANCHOR, SET OR STAKE	LINES		DIP NETS, COMMON
	CRAB	LOBSTER	BOX TRAPS		HAND	LONG OR SET WITH HOOKS	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS . . . . .	-	35	-	15	-	10	-
ON BOATS AND SHORE:							
REGULAR . . . . .	2	3,001	2	3	91	55	-
CASUAL . . . . .	2	2,395	7	8	361	55	108
TOTAL . . . . .	4	5,431	9	26	452	120	108
VESSELS, MOTOR . . . . .	-	33	-	6	-	2	-
GROSS TONNAGE . . . . .	-	389	-	160	-	192	-
BOATS:							
MOTOR . . . . .	2	5,058	2	5	89	60	3
OTHER . . . . .	-	8	1	-	-	-	-
GEAR:							
NUMBER . . . . .	250	715,246	6	14	452	62	108
SQUARE YARDS . . . . .	-	-	-	75,480	-	-	-
HOOKS OR BAITS . . . . .	-	-	-	-	452	250,000	-

ITEM	HARPOONS	DREDGES		RAKES	HOES	DIVING OUTFITS	BY HAND	TOTAL, EXCLUSIVE OF DUPLICATION
		OYSTER, COMMON	SCALLOP, SEA					
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:								
ON VESSELS . . . . .	-	-	17	-	-	-	-	479
ON BOATS AND SHORE:								
REGULAR . . . . .	16	-	48	-	1,052	-	18	3,479
CASUAL . . . . .	11	5	15	232	1,233	3	44	3,972
TOTAL . . . . .	27	5	80	232	2,285	3	62	7,930
VESSELS, MOTOR . . . . .	-	-	3	-	-	-	-	149
GROSS TONNAGE . . . . .	-	-	207	-	-	-	-	8,431
BOATS:								
MOTOR . . . . .	16	5	45	166	-	1	-	5,289
OTHER . . . . .	-	-	-	-	-	-	-	214
GEAR:								
NUMBER . . . . .	16	5	49	232	2,285	3	-	-
YARDS AT MOUTH . . . . .	-	5	74	-	-	-	-	-

## NEW ENGLAND FISHERIES

## MAINE - LANDINGS OF CATCH BY GEAR, 1967

SPECIES	STOP SEINES		PURSE SEINES, HERRING		BAG NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
HERRING, SEA . . . . .	18,854,700	\$456,956	37,591,000	\$879,200	-	-
SMELT . . . . .	-	-	-	-	69,100	\$11,995
UNCLASSIFIED, BAIT REDUC- TION AND ANIMAL FOOD . . . . .	857,100	7,644	445,400	4,455	-	-
TOTAL . . . . .	19,711,800	464,600	38,036,400	883,655	69,100	11,995

SPECIES	OTTER TRAWLS				WEIRS	
	FISH		SHRIMP		POUNDS	VALUE
	POUNDS	VALUE	POUNDS	VALUE		
COD . . . . .	1,451,100	\$74,985	-	-	-	-
CUSK . . . . .	132,400	8,265	-	-	-	-
FLOUNDERS:						
BLACKBACK . . . . .	102,700	5,944	-	-	-	-
DAB . . . . .	753,000	45,872	-	-	-	-
GRAY SOLE . . . . .	526,400	50,638	-	-	-	-
LEMON SOLE . . . . .	300	31	-	-	-	-
YELLOWTAIL . . . . .	77,800	6,189	-	-	-	-
HADDOCK . . . . .	2,287,900	208,658	-	-	-	-
HAKE, WHITE . . . . .	588,000	24,528	-	-	-	-
HALIBUT . . . . .	54,700	22,149	-	-	-	-
HERRING, SEA . . . . .	-	-	-	-	8,143,500	\$201,266
MACKEREL, ATLANTIC . . . . .	-	-	-	-	56,500	2,621
OCEAN PERCH . . . . .	62,153,700	2,408,184	-	-	-	-
POLLOCK . . . . .	418,900	18,646	-	-	-	-
SHAD . . . . .	100	9	-	-	-	-
STURGEON, COMMON . . . . .	1,000	63	-	-	-	-
WHITING . . . . .	20,725,500	504,067	-	-	-	-
WOLFFISH . . . . .	14,200	570	-	-	-	-
UNCLASSIFIED: FOR FOOD . . . . .	914,800	66,313	-	-	-	-
BAIT, REDUCTION, AND ANI- MAL FOOD . . . . .	1,493,500	17,745	-	-	-	-
SHRIMP . . . . .	-	-	6,925,100	\$864,974	-	-
TOTAL . . . . .	91,698,000	3,462,856	6,925,100	864,974	8,200,000	204,087

SPECIES	FLOATING TRAPS		POTS AND TRAPS			
	POUNDS	VALUE	CRAB		LOBSTER	
			POUNDS	VALUE	POUNDS	VALUE
HERRING, SEA . . . . .	10,600	\$275	-	-	-	-
MACKEREL, ATLANTIC . . . . .	296,300	12,933	-	-	-	-
SALMON, ATLANTIC . . . . .	200	211	-	-	-	-
SMELT . . . . .	500	39	-	-	-	-
STURGEON, COMMON . . . . .	100	10	-	-	-	-
CRABS:						
GREEN . . . . .	-	-	10,400	\$1,075	-	-
ROCK . . . . .	-	-	-	-	1,678,300	\$75,623
LOBSTERS, NORTHERN . . . . .	-	-	-	-	16,489,300	13,597,889
TOTAL . . . . .	307,700	13,468	10,400	1,075	18,167,600	13,673,492

SPECIES	POTS AND TRAPS - CONTINUED		GILL NETS, ANCHOR, SET OR STAKE		LINES	
	BOX TRAPS		POUNDS	VALUE	HAND	
	POUNDS	VALUE			POUNDS	VALUE
COD . . . . .	-	-	1,296,200	\$83,477	530,500	\$19,622
CUSK . . . . .	-	-	7,600	449	2,200	165
EEL, COMMON . . . . .	47,300	\$9,160	-	-	-	-
HADDOCK . . . . .	-	-	13,000	1,499	11,600	923
HAKE, WHITE . . . . .	-	-	142,000	5,944	2,000	150
HALIBUT . . . . .	-	-	400	211	2,600	863
POLLOCK . . . . .	-	-	648,700	35,525	21,400	578
SHARKS, GRAYFISH . . . . .	-	-	100,900	682	8,500	50
SMELT . . . . .	-	-	9,000	1,851	72,000	17,642
STURGEON, COMMON . . . . .	-	-	500	62	-	-
UNCLASSIFIED, FOR FOOD . . . . .	-	-	-	-	2,300	190
TOTAL . . . . .	47,300	9,160	2,218,300	129,700	653,100	40,183

(CONTINUED ON NEXT PAGE)

# NEW ENGLAND FISHERIES

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## MAINE - LANDINGS OF CATCH BY GEAR, 1967 - Continued

SPECIES	LINES - CONTINUED		DIP NETS, COMMON		HARPOONS	
	LONG OR SET WITH HOOKS					
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES . . . . .	-	-	1,617,400	\$47,502	-	-
COO . . . . .	217,700	\$9,510	-	-	-	-
CUSK . . . . .	51,600	2,609	-	-	-	-
EEL, COMMON . . . . .	-	-	1,400	279	-	-
FLOUNDERS:						
BLACKBACK . . . . .	100	5	-	-	-	-
GRAY SOLE . . . . .	100	11	-	-	-	-
HAGGACK . . . . .	38,000	3,627	-	-	-	-
HAKE, WHITE . . . . .	680,600	30,051	-	-	-	-
HALIBUT . . . . .	42,100	16,763	-	-	-	-
POLLOCK . . . . .	6,000	189	-	-	-	-
SHARK, GRAYFISH . . . . .	41,400	328	-	-	-	-
SMELT . . . . .	-	-	7,700	1,788	-	-
SWORDFISH . . . . .	88,200	30,270	-	-	-	-
TUNA, BLUEFIN . . . . .	500	73	-	-	47,400	\$4,923
WOLFFISH . . . . .	100	2	-	-	-	-
UNCLASSIFIED, BAIT, REDUC- TION AND ANIMAL FOOD . . . . .	-	-	14,000	280	-	-
SEA URCHINS . . . . .	-	-	95,200	2,636	-	-
<b>TOTAL . . . . .</b>	<b>1,166,400</b>	<b>93,438</b>	<b>1,735,700</b>	<b>52,485</b>	<b>47,400</b>	<b>4,923</b>
	DREDGES					
SPECIES	OYSTER, COMMON		SCALLOP, SEA		RAKES	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
OYSTERS, MARKET, PUBLIC, FALL . . . . .	3,900	\$4,132	-	-	-	-
SCALLOPS, SEA . . . . .	-	-	188,400	\$151,501	-	-
SEA URCHINS . . . . .	-	-	-	-	15,400	\$272
IRISH MOSS . . . . .	-	-	-	-	3,180,000	55,650
<b>TOTAL . . . . .</b>	<b>3,900</b>	<b>4,132</b>	<b>188,400</b>	<b>151,501</b>	<b>3,195,400</b>	<b>55,922</b>
	HOES		DIVING OUTFITS		BY HAND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CLAMS, SOFT, PUBLIC . . . . .	3,176,300	\$1,478,777	-	-	-	-
MUSSELS, SEA . . . . .	370,600	31,473	-	-	-	-
OYSTERS, MARKET, PUBLIC, FALL . . . . .	-	-	200	\$300	-	-
PERIWINKLES AND COCKLES . . . . .	-	-	-	-	54,200	\$13,596
BLOODWORMS . . . . .	748,100	834,826	-	-	-	-
SANDWORMS . . . . .	706,400	492,384	-	-	-	-
<b>TOTAL . . . . .</b>	<b>5,001,400</b>	<b>2,837,460</b>	<b>200</b>	<b>300</b>	<b>54,200</b>	<b>13,596</b>

## NEW HAMPSHIRE OPERATING UNITS BY GEAR, 1967

ITEM	HAUL SEINES, COMMON	BAG NETS	OTTER TRAWLS, SHRIMP	WEIRS	POTS AND TRAPS		GILL NETS, DRIFT
					CRAB	LOBSTER	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:							
REGULAR . . . . .	-	-	2	-	2	84	6
CASUAL . . . . .	10	12	2	6	5	124	-
<b>TOTAL . . . . .</b>	<b>10</b>	<b>12</b>	<b>4</b>	<b>6</b>	<b>7</b>	<b>208</b>	<b>6</b>
BOATS:							
MOTOR . . . . .	1	-	2	3	6	165	3
OTHER . . . . .	3	-	-	1	-	4	-
GEAR:							
NUMBER . . . . .	3	15	2	5	150	18,200	3
LENGTH, YARDS . . . . .	150	-	-	-	-	-	-
SQUARE YARDS . . . . .	-	-	-	-	-	-	8,000
YARDS AT MOUTH . . . . .	-	-	35	-	-	-	-

(CONTINUED ON NEXT PAGE)

## NEW ENGLAND FISHERIES

## NEW HAMPSHIRE -OPERATING UNITS BY GEAR, 1967 - Continued

ITEM	LINES		DIP NETS, COMMON	HARPOONS	SPEARS	HOES	TOTAL, EX-CLUSIVE OF DUPLI-CATION
	HAND	LONG OR SET WITH HOOKS					
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:							
REGULAR . . . . .	12	12	-	-	1	-	94
CASUAL . . . . .	100	-	2	14	18	40	292
TOTAL . . . . .	112	12	2	14	19	40	376
BOATS:							
MOTOR . . . . .	6	6	-	5	-	-	175
OTHER . . . . .	-	-	-	-	-	-	B
GEAR:							
NUMBER . . . . .	306	6	2	5	19	40	-
HOOKS OR BAITS . . . . .	912	12,500	-	-	-	-	-

## NEW HAMPSHIRE - LANDINGS OF CATCH BY GEAR, 1967

SPECIES	HAUL SEINES, COMMON		BAG NETS		OTTER TRAWLS, SHRIMP	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
LAUNCE . . . . .	23,000	\$2,760	-	-	-	-
SMELT . . . . .	-	-	16,000	\$5,600	-	-
SHRIMP . . . . .	-	-	-	-	44,000	\$4,840
TOTAL . . . . .	23,000	2,760	16,000	5,600	44,000	4,840
SPECIES	WEIRS		POTS AND TRAPS			
	POUNDS	VALUE	CRAB		LOBSTER	
POUNDS			VALUE	POUNDS	VALUE	
ALEWIVES . . . . .	60,000	\$1,500	-	-	-	-
EEL, COMMON . . . . .	3,500	875	-	-	-	-
SMELT . . . . .	12,000	3,000	-	-	-	-
CRABS:						
GREEN . . . . .	-	-	45,000	\$4,750	-	-
ROCK . . . . .	-	-	-	-	15,000	\$1,500
LOBSTERS, NORTHERN . . . . .	-	-	-	-	718,000	610,300
TOTAL . . . . .	75,500	5,375	45,000	4,750	733,000	611,800
SPECIES	GILL NETS, DRIFT		LINES			
	POUNDS	VALUE	HAND		LONG OR SET WITH HOOKS	
POUNDS			VALUE	POUNDS	VALUE	
COD . . . . .	-	-	42,000	\$3,780	28,000	\$2,520
CUSK . . . . .	-	-	-	-	5,000	250
HADDOCK . . . . .	-	-	-	-	60,000	6,000
HAKE, WHITE . . . . .	-	-	-	-	1,000	60
HALIBUT . . . . .	-	-	700	280	1,500	600
MACKEREL, ATLANTIC . . . . .	5,000	\$800	-	-	-	-
POLLLOCK . . . . .	-	-	12,000	720	2,500	150
SMELT . . . . .	-	-	35,000	14,000	-	-
STRIPED BASS . . . . .	-	-	7,500	1,500	-	-
TOTAL . . . . .	5,000	800	97,200	20,280	98,000	9,580
SPECIES	DIP NETS, COMMON		HARPOONS			
	POUNDS	VALUE	POUNDS	VALUE		
ALEWIVES . . . . .	5,000	\$150	-	-		
TUNA, BLUEFIN . . . . .	-	-	7,500	\$525		
TOTAL . . . . .	5,000	150	7,500	525		
SPECIES	SPEARS		HOES			
	POUNDS	VALUE	POUNDS	VALUE		
EEL, COMMON . . . . .	3,500	\$875	-	-		
SANDWORMS . . . . .	-	-	13,500	\$15,525		
TOTAL . . . . .	3,500	875	13,500	15,525		

# NEW ENGLAND FISHERIES

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## MASSACHUSETTS OPERATING UNITS BY GEAR, 1967

ITEM	HAUL SEINES, COMMON	PURSE SEINES				OTTER TRAWLS	
		HERRING	MACKEREL	TUNA	OTHER	FISH	LOBSTER
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS . . . . .	-	30	9	65	47	2,473	187
ON BOATS AND SHORE:							
REGULAR . . . . .	1	-	-	-	-	10	-
CASUAL . . . . .	11	-	-	-	-	-	-
TOTAL . . . . .	12	30	9	65	47	2,483	187
VESSELS, MOTOR . . . . .	-	3	1	6	4	402	32
GROSS TONNAGE . . . . .	-	300	78	1,006	563	32,175	3,278
BOATS:							
MOTOR . . . . .	1	3	1	6	4	5	-
OTHER . . . . .	4	3	1	5	3	-	-
GEAR:							
NUMBER . . . . .	6	3	1	6	4	407	32
LENGTH, YARDS . . . . .	272	1,200	400	3,900	1,700	-	-
YARDS AT MOUTH . . . . .	-	-	-	-	-	11,025	919

ITEM	POUND NETS, FISH	FLOATING TRAPS	POTS AND TRAPS				GILL NETS ANCHOR, SET OR STAKE
			CONCH	CRAB	EEL	LOBSTER	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS . . . . .	10	5	2	-	-	-	13
ON BOATS AND SHORE:							
REGULAR . . . . .	33	18	1	1	7	504	21
CASUAL . . . . .	-	7	3	-	11	559	10
TOTAL . . . . .	43	30	6	1	18	1,063	44
VESSELS, MOTOR . . . . .	2	2	1	-	-	-	3
GROSS TONNAGE . . . . .	18	25	14	-	-	-	83
BOATS:							
MOTOR . . . . .	7	6	4	1	17	914	13
OTHER . . . . .	11	10	-	-	1	29	-
GEAR:							
NUMBER . . . . .	30	11	200	20	325	123,626	16
SQUARE YARDS . . . . .	-	-	-	-	-	-	86,400

ITEM	GILL NETS- CONTINUED	LINES			OIP NETS, COMMON	HARPOONS	
		DRIFT	HAND	TROLL		LONG OR SET WITH HOOKS	SWORDFISH	OTHER
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS . . . . .	-	5	-	60	-	35	-
ON BOATS AND SHORE:							
REGULAR . . . . .	8	122	-	128	9	4	2
CASUAL . . . . .	8	1,373	9	36	32	24	39
TOTAL . . . . .	16	1,500	9	224	41	63	41
VESSELS, MOTOR . . . . .	-	2	-	13	-	7	-
GROSS TONNAGE . . . . .	-	37	-	518	-	419	-
BOATS:							
MOTOR . . . . .	12	612	3	80	37	10	19
OTHER . . . . .	-	-	-	-	-	12	-
GEAR:							
NUMBER . . . . .	80	1,658	6	93	41	17	19
SQUARE YARDS . . . . .	61,060	-	6	268,004	-	-	-
HOOKS OR BAITS . . . . .	-	2,633	-	-	-	-	-

ITEM	SPEARS	DREDGES					TONGS	
		CLAM	MUSSEL	OYSTER, COMMON	SCALLOP			OYSTER
					BAY	SEA		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	
FISHERMEN:								
ON VESSELS . . . . .	-	39	2	-	-	401	-	
ON BOATS AND SHORE:								
REGULAR . . . . .	15	18	6	4	82	2	13	
CASUAL . . . . .	37	9	4	4	654	-	8	
TOTAL . . . . .	52	66	12	8	736	403	21	

(CONTINUED ON NEXT PAGE)

## NEW ENGLAND FISHERIES

## MASSACHUSETTS - OPERATING UNITS BY GEAR, 1967 - Continued

ITEM	SPEARS	DREDGES					TONGS	
		CLAM	MUSSEL	OYSTER, COMMON	SCALLOP		OYSTER	
					BAY	SEA		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	
VESSELS, MOTOR . . . . .	-	19	1	-	-	37	-	
GROSS TONNAGE . . . . .	-	352	6	-	-	4,434	-	
BOATS:								
MOTOR . . . . .	-	9	8	5	448	1	14	
OTHER . . . . .	-	-	-	-	-	-	2	
GEAR:								
NUMBER . . . . .	52	37	15	5	1,222	71	21	
YARDS AT MOUTH . . . . .	-	31	15	5	971	290	-	

ITEM	TONGS - CONTINUED	RAKES		HOES	FORKS	DIVING OUTFITS	BY HAND	TOTAL, EX- CLUSIVE OF DUPLI- CATION
	OTHER	OYSTER	OTHER					
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:								
ON VESSELS . . . . .	-	-	-	-	-	-	-	3,084
ON BOATS AND SHORE:								
REGULAR . . . . .	33	-	83	85	10	8	-	908
CASUAL . . . . .	78	2	1,008	463	7	92	146	3,787
TOTAL . . . . .	111	2	1,091	548	17	100	146	7,779
VESSELS, MOTOR . . . . .	-	-	-	-	-	-	-	477
GROSS TONNAGE . . . . .	-	-	-	-	-	-	-	38,854
BOATS:								
MOTOR . . . . .	104	2	602	-	1	37	-	2,535
OTHER . . . . .	-	-	-	-	-	-	-	96
GEAR, NUMBER . . . . .	111	2	1,091	548	17	100	-	-

## MASSACHUSETTS - LANDINGS OF CATCH BY GEAR, 1967

SPECIES	HAUL SEINES, COMMON		PURSE SEINES			
	POUNDS	VALUE	HERRING		MACKEREL	
			POUNDS	VALUE	POUNDS	VALUE
ALEWIVES . . . . .	228,000	\$3,854	-	-	-	-
HERRING, SEA . . . . .	-	-	2,493,900	\$38,589	-	-
LAUNCE . . . . .	42,000	5,880	-	-	-	-
MACKEREL, ATLANTIC . . . . .	-	-	-	-	4,148,600	\$75,872
TOTAL . . . . .	270,000	9,734	2,493,900	38,589	4,148,600	75,872

SPECIES	PURSE SEINES - CONTINUED				OTTER TRAWLS	
	TUNA		OTHER		FISH	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES . . . . .	-	-	5,105,800	\$56,216	-	-
ANGLERFISH . . . . .	-	-	-	-	354,300	\$27,497
BLUEFISH . . . . .	-	-	-	-	400	45
BUTTERFISH . . . . .	-	-	-	-	14,900	1,638
COD . . . . .	-	-	-	-	34,256,700	2,867,955
CUSK . . . . .	-	-	-	-	1,226,800	78,136
FLOUNDERS:						
BLACKBACK . . . . .	-	-	-	-	16,204,700	1,950,586
DAB . . . . .	-	-	-	-	6,483,800	733,971
FLUKE . . . . .	-	-	-	-	434,100	142,249
GRAY SOLE . . . . .	-	-	-	-	4,772,400	595,991
LEMON SOLE . . . . .	-	-	-	-	1,533,000	314,396
YELLOWTAIL . . . . .	-	-	-	-	46,414,100	4,968,758
HADDOCK . . . . .	-	-	-	-	93,359,900	10,550,693
HAKE:						
RED . . . . .	-	-	-	-	258,700	6,807
WHITE . . . . .	-	-	-	-	1,264,600	95,546
HALIBUT . . . . .	-	-	-	-	100,800	34,361
HERRING, SEA . . . . .	-	-	-	-	95,100	2,819
MACKEREL, ATLANTIC . . . . .	-	-	-	-	7,100	742
OCEAN PERCH . . . . .	-	-	-	-	9,253,900	391,157

(CONTINUED ON NEXT PAGE)

# NEW ENGLAND FISHERIES

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## MASSACHUSETTS - LANDINGS OF CATCH BY GEAR, 1967 - Continued

SPECIES	PURSE SEINES - CONTINUED				OTTER TRAWLS	
	TUNA		OTHER		FISH	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
OCEAN POUT . . . . .	-	-	-	-	600	\$10
POLLOCK . . . . .	-	-	-	-	5,514,300	330,693
SCUP OR PORGY . . . . .	-	-	-	-	180,900	33,029
SEA BASS . . . . .	-	-	-	-	2,200	584
SHAD . . . . .	-	-	495,300	\$5,344	100	3
SHARKS:	-	-	-	-	-	-
GRAYFISH . . . . .	-	-	-	-	11,700	511
UNCLASSIFIED . . . . .	-	-	-	-	100	8
SKATES . . . . .	-	-	-	-	157,000	6,862
STRIPED BASS . . . . .	-	-	1,500	222	400	78
STURGEON, COMMON . . . . .	-	-	-	-	1,900	218
TAUTOG . . . . .	-	-	-	-	4,300	201
TILEFISH . . . . .	-	-	-	-	4,300	589
TUNA:	-	-	-	-	-	-
BLUEFIN . . . . .	579,700	\$47,094	-	-	-	-
SKIPJACK . . . . .	35,900	3,588	-	-	-	-
WHITING . . . . .	-	-	-	-	37,810,900	1,098,422
WOLFFISH . . . . .	-	-	-	-	479,000	26,513
UNCLASSIFIED:	-	-	-	-	-	-
FOR FOOD . . . . .	-	-	-	-	5,914,600	488,507
BAIT, REDUCTION, AND ANI- MAL FOOD . . . . .	-	-	423,700	8,475	33,382,200	459,979
LOBSTERS, NORTHERN . . . . .	-	-	-	-	720,500	551,660
SHRIMP . . . . .	-	-	-	-	22,000	2,085
SCALLOPS, SEA . . . . .	-	-	-	-	100	516
SQUID . . . . .	-	-	-	-	14,200	700
TOTAL . . . . .	615,600	50,682	6,026,300	70,257	300,257,000	25,744,715
SPECIES	OTTER TRAWLS - CONTINUED		POUND NETS, FISH		FLOATING TRAPS	
	LOBSTER					
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES . . . . .	-	-	-	-	3,100	\$41
BLUEFISH . . . . .	-	-	5,700	\$580	-	-
BONITO . . . . .	-	-	22,400	3,867	-	-
BUTTERFISH . . . . .	-	-	8,500	856	-	-
COD . . . . .	2,800	\$194	3,500	192	4,400	351
FLOUNDERS:	-	-	-	-	-	-
BLACKBACK . . . . .	37,900	4,957	1,500	74	-	-
FLUKE . . . . .	2,100	375	900	214	-	-
LEMON SOLE . . . . .	2,600	517	-	-	-	-
YELLOWTAIL . . . . .	23,900	1,880	-	-	-	-
HADDOCK . . . . .	14,900	1,395	-	-	-	-
HERRING, SEA . . . . .	-	-	960,200	16,187	11,000	159
MACKEREL, ATLANTIC . . . . .	-	-	749,600	46,221	969,200	59,365
MENHADEN . . . . .	-	-	21,000	525	-	-
POLLOCK . . . . .	-	-	71,000	1,057	46,900	690
SCUP OR PORGY . . . . .	-	-	467,500	56,292	-	-
SEA BASS . . . . .	-	-	3,500	726	-	-
SHAD . . . . .	-	-	13,000	710	200	10
SHARKS:	-	-	-	-	-	-
GRAYFISH . . . . .	-	-	100	5	-	-
UNCLASSIFIED . . . . .	-	-	300	14	-	-
STRIPED BASS . . . . .	-	-	33,600	7,801	1,200	251
TAUTOG . . . . .	-	-	5,800	289	-	-
TILEFISH . . . . .	200	10	-	-	-	-
TUNA, BLUEFIN . . . . .	-	-	301,600	12,139	1,000	82
WHITING . . . . .	-	-	1,300	19	-	-
UNCLASSIFIED:	-	-	-	-	-	-
FOR FOOD . . . . .	-	-	-	-	30,600	2,084
BAIT, REDUCTION, AND ANI- MAL FOOD . . . . .	-	-	-	-	23,100	231
LOBSTERS, NORTHERN . . . . .	1,013,500	758,307	-	-	-	-
SQUID . . . . .	-	-	868,800	44,785	2,000	67
TOTAL . . . . .	1,097,900	767,635	3,559,800	192,553	1,092,700	63,331
SPECIES	POTS AND TRAPS					
	CONCH		CRAB		EEL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
EEL, COMMON . . . . .	-	-	-	-	13,700	\$4,230
CRABS, GREEN . . . . .	-	-	3,700	\$410	-	-
CONCHS . . . . .	24,000	\$5,842	-	-	-	-
TOTAL . . . . .	24,000	5,842	3,700	410	13,700	4,230

(CONTINUED ON NEXT PAGE)

## NEW ENGLAND FISHERIES

MASSACHUSETTS - LANDINGS OF CATCH  
BY GEAR, 1967 - Continued

SPECIES	POTS AND TRAPS - CONTINUED		GILL NETS			
	LOBSTER		ANCHOR, SET OR STAKE		DRIFT	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
COD . . . . .	-	-	515,200	\$39,856	-	-
CUSK . . . . .	-	-	1,400	64	-	-
FLOUNDERS:						
BLACKBACK . . . . .	-	-	75,000	7,709	-	-
DAB . . . . .	-	-	200	9	-	-
HADDOCK . . . . .	-	-	133,000	15,045	-	-
HAKE, WHITE . . . . .	-	-	5,200	270	-	-
HALIBUT . . . . .	-	-	500	165	-	-
MACKEREL, ATLANTIC . . . . .	-	-	-	-	135,700	\$21,510
POLLOCK . . . . .	-	-	309,200	11,477	-	-
SHARKS, UNCLASSIFIED . . . . .	-	-	-	39	200	8
STURGEON, COMMON . . . . .	-	-	800	96	-	-
UNCLASSIFIED, FOR FOOD . . . . .	-	-	900,800	75,066	2,400	152
CRABS, ROCK . . . . .	20,500	\$2,585	-	-	-	-
LOBSTERS, NORTHERN . . . . .	2,941,500	2,841,079	-	-	-	-
TOTAL . . . . .	2,962,000	2,843,664	1,942,100	149,816	138,300	21,670

SPECIES	LINES					
	HAND		TROLL		LONG OR SET WITH HOOKS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUEFISH . . . . .	63,800	\$8,555	-	-	400	\$55
COD . . . . .	1,596,800	98,342	-	-	2,294,800	179,158
CUSK . . . . .	7,600	292	-	-	281,700	16,399
EEL, COMMON . . . . .	600	91	-	-	200	31
FLOUNDERS:						
BLACKBACK . . . . .	13,900	1,136	-	-	70,300	9,365
DAB . . . . .	100	4	-	-	800	53
FLUKE . . . . .	800	343	-	-	100	25
GRAY SOLE . . . . .	-	-	-	-	200	29
LEMON SOLE . . . . .	1,000	126	-	-	900	60
YELLOWTAIL . . . . .	-	-	-	-	1,300	75
HADDOCK . . . . .	172,800	17,801	-	-	2,159,100	270,129
HAKE:						
RED . . . . .	-	-	-	-	1,100	50
WHITE . . . . .	6,200	289	-	-	35,600	2,301
HALIBUT . . . . .	6,400	2,658	-	-	83,300	45,988
MACKEREL, ATLANTIC . . . . .	4,500	644	-	-	400	86
POLLOCK . . . . .	92,700	3,785	-	-	98,800	4,685
SCUP OR PORGY . . . . .	-	-	-	-	100	15
SEA BASS . . . . .	300	93	-	-	100	29
SHARKS, GRAYFISH . . . . .	300	11	-	-	100	5
SMELT . . . . .	5,500	2,081	-	-	-	-
STRIPED BASS . . . . .	622,800	109,562	-	-	2,500	513
STURGEON, COMMON . . . . .	-	-	-	-	100	9
SWORDFISH . . . . .	-	-	-	-	257,900	96,302
TAUTOG . . . . .	1,100	92	-	-	100	5
TUNA, BLUEFIN . . . . .	38,000	1,603	2,400	\$168	12,400	2,316
WHITE PERCH . . . . .	1,000	200	-	-	-	-
WOLFFISH . . . . .	700	28	-	-	9,800	490
UNCLASSIFIED, FOR FOOD . . . . .	243,900	19,971	-	-	136,600	12,528
TOTAL . . . . .	2,881,000	267,707	2,400	168	5,449,600	640,696

SPECIES	DIP NETS, COMMON		HARPOONS			
			SWORDFISH		OTHER	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES . . . . .	95,000	\$1,675	-	-	-	-
SHARKS, UNCLASSIFIED . . . . .	-	-	200	\$11	-	-
SWORDFISH . . . . .	-	-	255,800	108,751	-	-
TUNA, BLUEFIN . . . . .	-	-	23,100	1,898	38,200	\$2,744
CLAMS, HARD, PUBLIC . . . . .	4,000	\$3,600	-	-	-	-
SCALLOPS, BAY . . . . .	9,600	13,110	-	-	-	-
TOTAL . . . . .	108,600	18,385	279,100	110,660	38,200	2,744

SPECIES	SPEARS		DREDGES			
			CLAM		MUSSEL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
EEL, COMMON . . . . .	25,200	\$6,021	-	-	-	-
CLAMS:						
HARD, PUBLIC . . . . .	-	-	406,400	\$156,185	-	-
SURF . . . . .	-	-	16,500	4,512	-	-
CONCHS . . . . .	-	-	12,000	3,475	-	-
MUSSELS, SEA . . . . .	-	-	-	-	349,600	\$53,694
TOTAL . . . . .	25,200	6,021	434,900	164,172	349,600	53,694

(CONTINUED ON NEXT PAGE)

# NEW ENGLAND FISHERIES

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## MASSACHUSETTS - LANDINGS OF CATCH BY GEAR, 1967 - Continued

SPECIES	DREDGES - CONTINUED					
	OYSTER, COMMON		SCALLOP			
	POUNDS	VALUE	BAY		SEA	
		POUNDS	VALUE	POUNDS	VALUE	
ANGLER FISH . . . . .	-	-	-	-	5,100	\$404
FLOUNDERS:						
BLACKBACK . . . . .	-	-	-	-	15,300	1,664
DAB . . . . .	-	-	-	-	300	25
FLUKE . . . . .	-	-	-	-	8,900	1,486
GRAY SOLE . . . . .	-	-	-	-	1,700	135
LEMON SOLE . . . . .	-	-	-	-	2,600	448
YELLOWTAIL . . . . .	-	-	-	-	9,700	718
HADDOCK . . . . .	-	-	-	-	700	55
OYSTERS, MARKET:						
PUBLIC, SPRING . . . . .	300	\$750	-	-	-	-
PRIVATE:						
SPRING . . . . .	1,900	5,252	-	-	-	-
FALL . . . . .	2,100	5,980	-	-	-	-
SCALLOPS:						
BAY . . . . .	-	-	445,400	\$565,957	-	-
SEA . . . . .	-	-	-	-	6,818,700	5,271,474
TOTAL . . . . .	4,300	11,982	445,400	565,957	6,863,000	5,276,409
SPECIES	TONGS					
	OYSTER		OTHER		OYSTER	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CLAMS, HARD:						
PUBLIC . . . . .	-	-	145,600	\$98,980	-	-
PRIVATE . . . . .	-	-	209,000	152,000	-	-
CONCHS. . . . .	-	-	15,000	4,500	-	-
OYSTERS, MARKET:						
PUBLIC:						
SPRING . . . . .	5,000	\$10,700	-	-	700	\$1,595
FALL . . . . .	5,000	10,700	-	-	-	-
PRIVATE:						
SPRING . . . . .	11,400	32,500	-	-	-	-
FALL . . . . .	24,700	64,600	-	-	-	-
TOTAL . . . . .	46,100	118,500	369,600	255,450	700	1,595
SPECIES	RAKES - CONTINUED					
	OTHER		HOES		FORKS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CLAMS:						
HARD:						
PUBLIC . . . . .	598,300	\$624,874	2,200	\$1,600	-	-
PRIVATE . . . . .	24,200	24,200	-	-	-	-
RAZOR . . . . .	-	-	5,300	2,182	-	-
SOFT, PUBLIC . . . . .	40,400	36,079	949,600	642,252	-	-
MUSSELS, SEA . . . . .	31,400	4,466	-	-	22,700	\$3,645
OYSTERS, MARKET:						
PUBLIC:						
SPRING . . . . .	-	-	-	-	2,000	6,000
FALL . . . . .	-	-	-	-	1,400	4,400
PRIVATE:						
SPRING . . . . .	-	-	-	-	3,100	9,900
FALL . . . . .	-	-	-	-	2,400	8,000
SCALLOPS, BAY . . . . .	100	180	-	-	-	-
IRISH MOSS . . . . .	1,880,000	37,600	-	-	-	-
BLOODWORMS . . . . .	-	-	1,300	1,960	-	-
SANDWORMS . . . . .	-	-	78,600	98,060	-	-
TOTAL . . . . .	2,574,400	727,399	1,037,000	746,054	31,600	31,945
SPECIES	DIVING OUTFITS					
	BY HAND		BY HAND			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
LOBSTERS, NORTHERN . . . . .	30,200	\$28,098	-	-	-	-
CONCHS. . . . .	-	-	4,500	\$1,500	-	-
TOTAL . . . . .	30,200	28,098	4,500	1,500	-	-

# NEW ENGLAND FISHERIES

## RHODE ISLAND

### OPERATING UNITS BY GEAR, 1967

ITEM	HAUL SEINES, COMMON	PURSE SEINES, MACKEREL	OTTER TRAWLS		POUND NETS, FISH	FLOATING TRAPS	POTS AND TRAPS	
			FISH	LOBSTER			CONCH	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	
FISHERMEN:								
ON VESSELS . . . . .	-	12	248	183	-	120	-	
ON BOATS AND SHORE:								
REGULAR . . . . .	6	-	10	-	1	-	7	
CASUAL . . . . .	-	-	6	-	1	-	-	
TOTAL . . . . .	6	12	264	183	2	120	7	
VESSELS, MOTOR . . . . .	-	1	76	38	-	10	-	
GROSS TONNAGE . . . . .	-	65	2,959	2,839	-	283	-	
BOATS:								
MOTOR . . . . .	2	1	8	-	1	-	7	
OTHER . . . . .	2	1	-	-	-	24	-	
GEAR:								
NUMBER . . . . .	3	1	84	38	1	21	320	
LENGTH, YARDS . . . . .	350	450	-	-	-	-	-	
YARDS AT MOUTH . . . . .	-	-	2,124	1,105	-	-	-	
ITEM	POTS AND TRAPS - CONTINUED			LINES			HARPOONS, SWORD FISH	
	CRAB	EEL	LOBSTER	HAND	TROLL	LONG OR SET WITH HOOKS		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	
FISHERMEN:								
ON VESSELS . . . . .	-	-	4	8	-	-	28	
ON BOATS AND SHORE:								
REGULAR . . . . .	1	5	91	21	1	2	-	
CASUAL . . . . .	-	1	71	197	25	-	-	
TOTAL . . . . .	1	6	166	226	26	2	28	
VESSELS, MOTOR . . . . .	-	-	2	4	-	-	7	
GROSS TONNAGE . . . . .	-	-	22	49	-	-	362	
BOATS:								
MOTOR . . . . .	1	6	129	55	21	1	-	
OTHER . . . . .	-	-	-	-	-	-	8	
GEAR:								
NUMBER . . . . .	140	301	13,192	250	26	1	7	
HOOKS OR BAITS . . . . .	-	-	-	433	26	1,080	-	
ITEM	DREDGES		TONGS		RAKES	HOES	DIVING OUTFITS	TOTAL, EX- CLUSIVE OF DUPLI- CATION
	CLAM	SCALLOP, SEA	OYSTER	OTHER				
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:								
ON VESSELS . . . . .	26	14	-	-	-	-	-	497
ON BOATS AND SHORE:								
REGULAR . . . . .	30	2	8	232	60	21	2	354
CASUAL . . . . .	-	4	4	472	117	33	-	809
TOTAL . . . . .	56	20	12	704	177	54	2	1,650
VESSELS, MOTOR . . . . .	13	7	-	-	-	-	-	120
GROSS TONNAGE . . . . .	156	105	-	-	-	-	-	4,947
BOATS:								
MOTOR . . . . .	15	3	12	704	177	12	1	931
OTHER . . . . .	-	-	-	-	-	-	-	35
GEAR:								
NUMBER . . . . .	28	10	12	704	177	52	2	-
YARDS AT MOUTH . . . . .	26	20	-	-	-	-	-	-

# NEW ENGLAND FISHERIES

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## RHODE ISLAND - LANDINGS OF CATCH BY GEAR, 1967

SPECIES	HAUL SEINES, COMMON		PURSE SEINES, MACKEREL		OTTER TRAWLS	
					FISH	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES . . . . .	175,000	\$2,500	-	-	-	-
ANGLERFISH . . . . .	-	-	-	-	4,000	\$98
BLUEFISH . . . . .	-	-	-	-	14,000	1,940
BUTTERFISH . . . . .	-	-	-	-	1,237,500	171,229
COD . . . . .	-	-	-	-	1,176,500	85,800
CUNNER . . . . .	-	-	-	-	100	5
CUSK . . . . .	-	-	-	-	300	16
EEL, CONGER . . . . .	-	-	-	-	3,400	128
FLOUNDERS:						
BLACKBACK . . . . .	-	-	-	-	3,842,200	243,186
DAB . . . . .	-	-	-	-	51,300	4,967
FLUKE . . . . .	-	-	-	-	657,300	225,721
GRAY SOLE . . . . .	-	-	-	-	312,000	38,677
LEMON SOLE . . . . .	-	-	-	-	18,000	3,459
YELLOWTAIL . . . . .	-	-	-	-	5,793,100	487,313
HADDOCK . . . . .	-	-	-	-	167,400	16,219
HAKE:						
RED . . . . .	-	-	-	-	87,000	3,687
WHITE . . . . .	-	-	-	-	39,000	1,610
HERRING, SEA . . . . .	-	-	-	-	351,500	15,999
KING WHITING OR "KINGFISH" . . . . .	-	-	-	-	20	24
MACKEREL, ATLANTIC . . . . .	-	-	20,200	\$1,446	46,700	3,515
OCEAN PERCH . . . . .	-	-	-	-	1,400	69
POLLOCK . . . . .	-	-	-	-	5,600	261
SCUP OR PORGY . . . . .	-	-	-	-	1,239,800	301,673
SEA BASS . . . . .	-	-	-	-	8,600	3,412
SEA ROBIN . . . . .	-	-	-	-	100	4
SEA TROUT OR WEAKFISH, GRAY . . . . .	-	-	-	-	1,100	178
SHAD . . . . .	-	-	-	-	600	24
SHARKS:						
GRAYFISH . . . . .	-	-	-	-	1,100	64
UNCLASSIFIED . . . . .	-	-	-	-	600	35
SKATES . . . . .	-	-	-	-	1,200	50
SMELT . . . . .	800	200	-	-	1,100	165
STRIPE BASS . . . . .	-	-	-	-	21,700	3,326
STURGEON, COMMON . . . . .	-	-	-	-	2,500	200
TALTOG . . . . .	-	-	-	-	12,500	591
TILEFISH . . . . .	-	-	-	-	60,100	8,822
WHITE PERCH . . . . .	4,000	800	-	-	-	-
WHITING . . . . .	-	-	-	-	1,218,600	45,694
WOLFFISH . . . . .	-	-	-	-	100	4
UNCLASSIFIED:						
FOR FOOD . . . . .	-	-	-	-	24,200	1,777
BAIT, REDUCTION, AND ANI- MAL FOOD . . . . .	-	-	-	-	48,510,500	397,808
CONCHS . . . . .	-	-	-	-	900	198
SCALLOPS, SEA . . . . .	-	-	-	-	700	463
SQUID . . . . .	-	-	-	-	428,300	27,389
<b>TOTAL . . . . .</b>	<b>179,600</b>	<b>3,500</b>	<b>20,200</b>	<b>1,446</b>	<b>65,362,900</b>	<b>2,095,602</b>

SPECIES	OTTER TRAWLS - CONTINUED		POUND NETS, FISH		FLOATING TRAPS	
	LOBSTER					
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES . . . . .	-	-	5,000	\$96	5,500	\$83
ANCHOVIES . . . . .	-	-	-	-	16,100	2,771
BILLFISH . . . . .	-	-	-	-	500	121
BLUEFISH . . . . .	-	-	-	-	60,500	7,160
BONITO . . . . .	-	-	-	-	200	46
BUTTERFISH . . . . .	-	-	-	-	89,900	16,253
COD . . . . .	-	-	-	-	112,200	11,030
CUNNER . . . . .	-	-	-	-	200	10
EEL, CONGER . . . . .	-	-	-	-	200	23
FLOUNDERS:						
BLACKBACK . . . . .	-	-	-	-	1,100	60
FLUKE . . . . .	-	-	-	-	48,600	15,282
HAKE, RED . . . . .	-	-	-	-	1,100	63
HERRING, SEA . . . . .	-	-	-	-	44,100	1,744
MACKEREL, ATLANTIC . . . . .	-	-	-	-	589,900	53,523
MENHADEN . . . . .	-	-	-	-	12,800	269
POLLOCK . . . . .	-	-	-	-	45,200	1,800
SCUP OR PORGY . . . . .	-	-	-	-	5,176,100	1,001,951
SEA BASS . . . . .	-	-	-	-	39,400	12,030
SEA ROBIN . . . . .	-	-	-	-	125,700	2,106
SEA TROUT OR WEAKFISH, GRAY . . . . .	-	-	-	-	900	130

(CONTINUED ON NEXT PAGE)

## NEW ENGLAND FISHERIES

RHODE ISLAND - LANDINGS OF CATCH  
BY GEAR, 1967 - Continued

SPECIES	OTTER TRAWLS - CONTINUED		POUND NETS, FISH		FLOATING TRAPS	
	LOBSTER		POUNDS	VALUE	POUNDS	VALUE
	POUNDS	VALUE				
SHAD . . . . .	-	-	-	-	4,100	\$318
SHARKS:						
GRAYFISH . . . . .	-	-	-	-	100	5
UNCLASSIFIED . . . . .	-	-	-	-	400	28
SKATES . . . . .	-	-	-	-	3,900	205
STRIPED BASS . . . . .	-	-	-	-	68,800	14,990
STURGEON, COMMON . . . . .	-	-	-	-	400	52
TAUOG . . . . .	-	-	-	-	13,200	824
TUNA, BLUEFIN . . . . .	-	-	-	-	2,900	538
WHITE PERCH . . . . .	-	-	7,000	\$1,400	-	-
WHITING . . . . .	-	-	-	-	51,200	3,569
UNCLASSIFIED:						
FOR FOOD . . . . .	-	-	-	-	3,200	290
BAIT, REDUCTION, AND ANI-						
MAL FOOD . . . . .	-	-	-	-	141,200	1,074
LOBSTERS, NORTHERN . . . . .	1,432,200	\$1,155,165	-	-	-	-
SQUID . . . . .	-	-	-	-	482,000	26,014
TOTAL . . . . .	1,432,200	1,155,165	12,000	1,496	7,141,600	1,174,364

SPECIES	POTS AND TRAPS					
	CONCH		CRAB		EEL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
EEL, COMMON . . . . .	-	-	-	-	31,600	\$8,196
CRABS:						
GREEN . . . . .	-	-	3,600	\$540	-	-
ROCK . . . . .	-	-	53,900	6,464	-	-
LOBSTERS, NORTHERN . . . . .	-	-	6,700	5,614	-	-
CONCHS . . . . .	34,500	\$9,368	-	-	-	-
TOTAL . . . . .	34,500	9,368	64,200	12,618	31,600	8,196

SPECIES	POTS AND TRAPS - CONTINUED		LINES			
	LOBSTER		HAND		TROLL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUEFISH . . . . .	-	-	4,100	\$546	800	\$177
COD . . . . .	-	-	30,000	2,394	-	-
FLOUNDERS, BLACKBACK . . . . .	-	-	300	26	-	-
HALIBUT . . . . .	-	-	400	90	-	-
MACKEREL, ATLANTIC . . . . .	-	-	900	101	200	22
STRIPED BASS . . . . .	-	-	33,800	5,476	7,500	1,161
TAUOG . . . . .	-	-	2,500	293	-	-
TUNA, BLUEFIN . . . . .	-	-	-	-	3,400	293
WHITE PERCH . . . . .	-	-	100	7	-	-
WHITING . . . . .	-	-	200	5	-	-
UNCLASSIFIED, FOR FOOD . . . . .	-	-	200	20	-	-
CRABS, ROCK . . . . .	50,600	\$6,064	-	-	-	-
LOBSTERS, NORTHERN . . . . .	511,000	435,907	-	-	-	-
CONCHS . . . . .	1,500	308	-	-	-	-
TOTAL . . . . .	563,100	442,279	72,500	8,958	11,900	1,653

SPECIES	LINES - CONTINUED		HARPOONS, SWORDFISH		DREDGES	
	LONG OR SET WITH HOOKS				CLAM	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
COD . . . . .	4,400	\$644	-	-	-	-
SWORDFISH . . . . .	-	-	38,800	\$14,658	-	-
CLAMS:						
HARD, PUBLIC . . . . .	-	-	-	-	54,400	\$28,368
OCEAN QUAHOG . . . . .	-	-	-	-	45,100	5,589
CONCHS . . . . .	-	-	-	-	300	57
TOTAL . . . . .	4,400	644	38,800	14,658	99,800	34,014

(CONTINUED ON NEXT PAGE)

# NEW ENGLAND FISHERIES

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## RHODE ISLAND - LANDINGS OF CATCH BY GEAR, 1967 - Continued

SPECIES	DREDGES - CONTINUED		TONGS			
	SCALLOP, SEA		OYSTER		OTHER	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
UNCLASSIFIED, FOR FOOD. . .	100	\$9	-	-	-	-
CLAMS:						
HARD, PUBLIC. . . . .	-	-	-	-	970,800	\$606,506
SOFT, PUBLIC. . . . .	-	-	-	-	3,600	2,001
CONCHS. . . . .	-	-	-	-	200	62
OYSTERS, MARKET:						
PUBLIC:						
SPRING. . . . .	-	-	400	\$453	-	-
FALL. . . . .	-	-	500	509	-	-
PRIVATE:						
SPRING. . . . .	-	-	1,000	1,500	-	-
FALL. . . . .	-	-	1,600	2,250	-	-
SCALLOPS, SEA . . . . .	17,700	13,947	-	-	-	-
TOTAL . . . . .	17,800	13,956	3,500	4,712	974,600	608,569

SPECIES	RAKES		HOES		DIVING OUTFITS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
	CLAMS:					
HARD, PUBLIC. . . . .	242,800	\$151,627	-	-	-	-
SOFT, PUBLIC. . . . .	-	-	37,500	\$205,568	-	-
CONCHS. . . . .	100	24	-	-	-	-
OYSTERS, MARKET, PUBLIC:						
SPRING. . . . .	-	-	-	-	300	\$289
FALL. . . . .	-	-	-	-	200	236
TOTAL . . . . .	242,900	151,651	37,500	20,568	500	525



## CONNECTICUT OPERATING UNITS BY GEAR, 1967

ITEM	HAUL SEINES, COMMON	OTTER TRAWLS		POTS AND TRAPS
		FISH	LOGSTER	CONCH
		NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON BOATS . . . . .	-	41	12	-
ON BOATS AND SHORE:				
REGULAR . . . . .	1	24	-	17
CASUAL. . . . .	7	40	-	2
TOTAL . . . . .	8	105	12	19
VESSELS, MOTOR. . . . .	-	17	3	-
GROSS TONNAGE . . . . .	-	495	183	-
BOATS, MOTOR. . . . .	7	48	-	14
GEAR:				
NUMBER. . . . .	7	65	3	720
LENGTH, YARDS. . . . .	360	-	-	-
YARDS AT MOUTH. . . . .	-	1,064	81	-

(CONTINUED ON NEXT PAGE)

## NEW ENGLAND FISHERIES

## CONNECTICUT - OPERATING UNITS BY GEAR, 1967 - Continued

ITEM	POTS AND TRAPS - CONTINUED		GILL NETS	
	EEL	LOBSTER	ANCHOR, SET OR STAKE	DRIFT
				SHAD
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS . . . . .	-	13	-	4
ON BOATS AND SHORE:				
REGULAR . . . . .	2	86	-	7
CASUAL . . . . .	22	318	5	60
TOTAL . . . . .	24	417	5	71
VESSELS, MOTOR . . . . .	-	8	-	2
GROSS TONNAGE . . . . .	-	75	-	28
BOATS:				
MOTOR . . . . .	20	307	2	35
OTHER . . . . .	1	-	1	3
GEAR:				
NUMBER . . . . .	271	19,695	3	38
SQUARE YARDS . . . . .	-	-	420	71,638
ITEM	GILL NETS - CONTINUED	LINES, HAND	DIP NETS, COMMON	DREDGES
	DRIFT - CONTINUED			CLAM
	OTHER			
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS . . . . .	-	2	-	9
ON BOATS AND SHORE:				
REGULAR . . . . .	1	4	-	-
CASUAL . . . . .	5	43	5	-
TOTAL . . . . .	6	49	5	9
VESSELS, MOTOR . . . . .	-	1	-	3
GROSS TONNAGE . . . . .	-	11	-	80
BOATS, MOTOR . . . . .	-	29	-	-
GEAR:				
NUMBER . . . . .	5	49	5	3
SQUARE YARDS . . . . .	2,756	-	-	-
YARDS AT MOUTH . . . . .	-	-	-	3
HOOKS OR BAITS . . . . .	-	96	-	-
ITEM	DREDGES - CONTINUED	TONGS		TOTAL, EX- CLUSIVE OF DUPLI- CATION
	OYSTER, COMMON	OYSTER	OTHER	
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS . . . . .	31	-	-	96
ON BOATS AND SHORE:				
REGULAR . . . . .	-	4	-	94
CASUAL . . . . .	-	7	6	417
TOTAL . . . . .	31	11	6	609
VESSELS, MOTOR . . . . .	11	-	-	39
GROSS TONNAGE . . . . .	301	-	-	1,054
BOATS:				
MOTOR . . . . .	-	11	6	367
OTHER . . . . .	-	-	-	5
GEAR:				
NUMBER . . . . .	21	11	6	-
YARDS AT MOUTH . . . . .	29	-	-	-

# NEW ENGLAND FISHERIES

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## CONNECTICUT - LANDINGS OF CATCH BY GEAR, 1967

SPECIES	HAUL SEINES, COMMON		OTTER TRAWLS			
			FISH		LOBSTER	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES. . . . .	2,300	\$66	2,200	\$43	-	-
BLUEFISH. . . . .	400	100	4,000	702	-	-
BUTTERFISH. . . . .	-	-	10,700	1,618	-	-
COO . . . . .	-	-	287,500	24,495	-	-
FLOUNDERS:						
BLACKBACK . . . . .	1,100	70	880,000	69,950	-	-
DAB . . . . .	-	-	400	48	-	-
FLUKE . . . . .	-	-	47,400	15,592	-	-
YELLOWTAIL. . . . .	-	-	67,100	5,748	-	-
HAKE, RED . . . . .	-	-	2,100	47	-	-
HERRING, SEA. . . . .	-	-	1,200	34	-	-
MACKEREL, ATLANTIC. . . . .	-	-	3,000	215	-	-
MENHADEN. . . . .	-	-	1,200	45	-	-
SCUP OR PORCY . . . . .	-	-	230,300	50,799	-	-
SEA BASS. . . . .	-	-	500	127	-	-
SEA ROBIN . . . . .	-	-	28,500	586	-	-
SHAD. . . . .	-	-	200	10	-	-
SHARKS:						
GRAYFISH. . . . .	-	-	3,200	69	-	-
UNCLASSIFIED. . . . .	-	-	600	50	-	-
SKATES. . . . .	-	-	17,300	437	-	-
SMELT . . . . .	1,000	300	-	-	-	-
STURGEON, COMMON. . . . .	-	-	1,900	210	-	-
TAUTOG. . . . .	300	39	3,400	269	-	-
WHITING . . . . .	-	-	96,400	3,367	-	-
UNCLASSIFIED:						
FOR FOOD. . . . .	-	-	100	12	-	-
BAIT, REDUCTION, AND ANI-						
MAL FOOD . . . . .	2,000	50	1,199,400	25,411	-	-
LOBSTERS, NORTHERN. . . . .	-	-	900	750	165,000	\$131,769
CONCHS. . . . .	-	-	800	168	-	-
SQUID . . . . .	-	-	23,800	1,946	-	-
<b>TOTAL . . . . .</b>	<b>7,100</b>	<b>625</b>	<b>2,914,100</b>	<b>202,748</b>	<b>165,000</b>	<b>131,769</b>

SPECIES	POTS AND TRAPS					
	CONCH		EEL		LOBSTER	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
EEL, COMMON . . . . .	-	-	13,800	\$2,829	-	-
LOBSTERS, NORTHERN. . . . .	-	-	-	-	735,700	\$677,045
CONCHS. . . . .	71,900	\$17,589	-	-	4,200	862
<b>TOTAL . . . . .</b>	<b>71,900</b>	<b>17,589</b>	<b>13,800</b>	<b>2,829</b>	<b>739,900</b>	<b>677,907</b>

SPECIES	GILL NETS					
	ANCHOR, SET OR STAKE		DRIFT			
			SHAD		OTHER	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES. . . . .	-	-	-	-	16,000	\$300
COO . . . . .	100	\$8	-	-	-	-
EEL, COMMON . . . . .	200	40	-	-	-	-
FLOUNDERS, BLACKBACK. . . . .	200	25	-	-	-	-
HERRING, SEA. . . . .	200	8	-	-	-	-
MACKEREL, ATLANTIC. . . . .	200	40	-	-	-	-
MENHADEN. . . . .	-	-	-	-	900	26
SHAD. . . . .	143,200	27,718	96,400	\$18,668	200	29
SMELT . . . . .	100	24	-	-	-	-
TAUTOG. . . . .	400	35	-	-	-	-
UNCLASSIFIED, BAIT, REDUC-						
TION AND ANIMAL FOOD . . . . .	-	-	-	-	5,800	76
<b>TOTAL . . . . .</b>	<b>144,600</b>	<b>27,898</b>	<b>96,400</b>	<b>18,668</b>	<b>22,900</b>	<b>431</b>

SPECIES	LINES, HAND		OIP NETS, COMMON		DREDGES	
					CLAM	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES. . . . .	-	-	2,900	\$65	-	-
BLUEFISH. . . . .	57,800	\$8,645	-	-	-	-
COO . . . . .	19,100	1,720	-	-	-	-
FLOUNDERS:						
BLACKBACK . . . . .	5,000	564	-	-	-	-
FLUKE . . . . .	400	102	-	-	-	-

(CONTINUED ON NEXT PAGE)

## NEW ENGLAND FISHERIES

## CONNECTICUT - LANDINGS OF CATCH BY GEAR, 1967 - Continued

SPECIES	LINES, HAND		DIP NETS, COMMON		DREDGES	
	POUNDS	VALUE	POUNDS	VALUE	CLAM	
					POUNDS	VALUE
MACKEREL, ATLANTIC. . . . .	4,600	\$551	-	-	-	-
SCUP OR PORGY . . . . .	200	37	-	-	-	-
SEA BASS. . . . .	100	19	-	-	-	-
SEA ROBIN . . . . .	300	6	-	-	-	-
SHARKS:						
GRAYFISH. . . . .	300	6	-	-	-	-
UNCLASSIFIED. . . . .	100	8	-	-	-	-
SKATES. . . . .	300	6	-	-	-	-
TAUTOG. . . . .	1,900	132	-	-	-	-
WHITING . . . . .	100	6	-	-	-	-
UNCLASSIFIED:						
FOR FOOD. . . . .	200	33	-	-	-	-
BAIT, REDUCTION, AND ANI- MAL FOOD . . . . .	2,400	43	-	-	-	-
CLAMS, HARD, PRIVATE. . . . .	-	-	-	-	240,000	\$100,000
TOTAL . . . . .	93,000	11,678	2,900	\$ 65	240,000	100,000
SPECIES	DREDGES - CONTINUED		TONGS			
	OYSTER, COMMON		OYSTER		OTHER	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CLAMS, HARD, PUBLIC . . . . .	-	-	-	-	1,400	\$528
OYSTERS, MARKET:						
PUBLIC, FALL. . . . .	-	-	3,000	\$3,840	-	-
PRIVATE:						
SPRING. . . . .	116,800	\$256,621	-	-	-	-
FALL. . . . .	134,900	314,868	-	-	-	-
TOTAL . . . . .	251,700	571,489	3,000	3,840	1,400	628



## LANDINGS AT MAINE PORTS

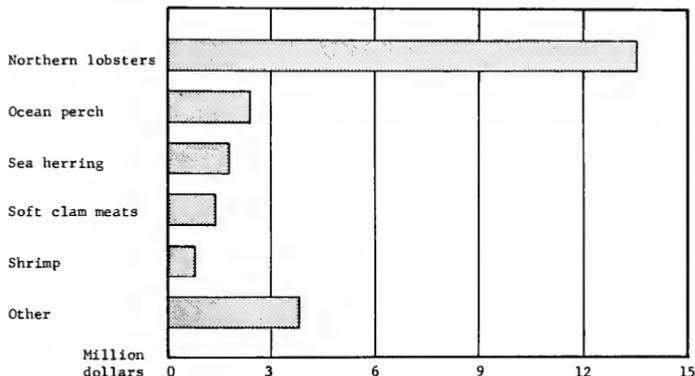
In cooperation with the Maine Department of Sea and Shore Fisheries, the Bureau of Commercial Fisheries collects and compiles monthly and annual data on the landings of fish, shellfish, and other aquatic resources in the State of Maine. This information is published monthly in "Maine Landings", which is in the Current Fishery Statistical series. 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 1947-58. 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 represent the round weight of species except univalve and bivalve mollusks. These shellfish are reported in pounds of meats. The data are comparable with catch figures shown in other tables.

Landings at Maine ports by fishing craft of all sizes were 197.4 million pounds worth \$23.0 million--a decrease of 3.0 million pounds and \$1.4 million compared with a year earlier. Landings of whiting (20.7 million pounds) were 9.0 million pounds less than in the previous year, and landings of ocean perch (62.2 million) were 2.9 million pounds less. Lobster landings of 16.5 million pounds were 17 percent less than in 1966, and the smallest production since 1948. The shrimp fishery continued its phenomenal increase with record landings of 6.9 million pounds--nearly double the production of the previous year.

## VALUE OF MAINE LANDINGS BY SPECIES, 1967



## NEW ENGLAND FISHERIES

# LANDINGS AT MAINE PORTS SUMMARY OF FISHERY - BY GEAR AND SUBAREA, 1967

GEAR AND SUBAREA	CRAFT FISHING NUMBER	TRIPS NUMBER	DAYS ASSENT NUMBER	DAYS FISHED NUMBER	COD, DRAWN			CUSK, DRAWN			FLOUNDERS, ROUND								
					LARGE POUNDS	MARKET POUNDS	SCROD POUNDS	POUNDS	POUNDS	POUNDS	GRAY SOLE POUNDS	LEMON SOLE POUNDS	YELLOW-TAIL POUNDS						
														NUMBER	NUMBER	NUMBER			
TRAWL LINES:																			
EASTERN MAINE . . . . .	21	81.0	61.0	163.7	1.7	338,964	11,260	-	-	-	-	-	-	-	-	-	-	-	-
CENTRAL MAINE . . . . .	29	324.0	324.0	71.5	3.5	86,088	2,935	-	-	-	-	-	-	-	-	-	-	-	-
WESTERN MAINE . . . . .	5	35.0	34.0	37.0	1.1	3,035	125	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL . . . . .	3/55	436.0	439.0	205.9	6.4	37,215	125	-	-	-	-	-	-	-	-	-	-	-	-
HANDLINES:																			
EASTERN MAINE . . . . .	44	422.0	422.0	103.7	3.7	338,964	11,260	-	-	-	-	-	-	-	-	-	-	-	-
CENTRAL MAINE . . . . .	36	149.0	149.0	18.5	0.6	86,088	2,935	-	-	-	-	-	-	-	-	-	-	-	-
WESTERN MAINE . . . . .	9	371.0	371.0	181.3	6.1	3,035	125	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL . . . . .	89	608.0	608.0	293.7	10.4	430,967	22,268	125	1,985	-	-	-	-	-	-	-	-	-	-
HARPOONS, WESTERN MAINE . . . . .	1/16	79.0	79.0	39.0	1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LONGLINES:																			
XXLI UNCLASSIFIED	1	4.0	94.0	44.0	1.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NORTHERN EDGE AND NORTHEAST PEAK . . . . .	1	3.0	25.0	20.0	0.7	13,020	1,445	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL . . . . .	1/1	7.0	119.0	64.0	2.4	13,020	1,445	-	-	-	-	-	-	-	-	-	-	-	-
OTTER TRAWLS:																			
SOUTHEAST GRAND BANKS	1	1.0	25.0	16.0	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ST. PIERRE BANK . . . . .	2	1.9	16.0	3.5	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BURGEO BANK . . . . .	1	0.8	12.0	1.1	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EASTERN GULF ST. LAWRENCE . . . . .	14	78.6	843.0	182.3	6.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EASTERN GULF ST. LAWRENCE . . . . .	13	351.1	441.0	81.1	3.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MISMAINE BANK . . . . .	1	1.0	4.0	1.0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BANQUEREAU . . . . .	7	13.4	193.0	37.0	1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MIDDLE GROUND . . . . .	1	1.0	1.0	0.4	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HORSERHOE GROUND . . . . .	1	1.3	2.0	1.9	0.8	695	1,560	300	200	-	-	-	-	-	-	-	-	-	-
ST. JOHN'S GULF . . . . .	1	1.0	1.0	1.0	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SCOTIA . . . . .	1	1.0	1.0	1.0	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EMERALD BANK . . . . .	12	19.7	268.0	55.1	2.1	2,085	3,355	1,860	1,175	-	-	-	-	-	-	-	-	-	-
ST. JOHN'S GULF . . . . .	1	1.0	1.0	1.0	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CENTRAL NOVA SCOTIA . . . . .	11	10.6	144.0	27.0	1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EASTERN BROWN AND LAHAVÉ . . . . .	3	4.2	55.0	18.3	0.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SOUTHERN NOVA SCOTIA . . . . .	2	1.2	4.0	1.5	0.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WESTERN NOVA SCOTIA . . . . .	7	4.0	47.0	14.5	0.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WESTERN BAY OF FUNDY . . . . .	1	1.0	2.7	2.0	0.8	75	470	1,080	560	290	-	-	-	-	-	-	-	-	-
NORTHERN BAY OF FUNDY . . . . .	1	1.4	2.4	1.4	0.6	1,110	565	1,110	400	400	-	-	-	-	-	-	-	-	-
EASTERN MAINE . . . . .	11	92.4	145.0	61.4	2.4	55,225	19,256	7,190	37,875	-	-	-	-	-	-	-	-	-	-
CENTRAL MAINE . . . . .	31	447.1	624.0	227.2	8.1	44,633	204,436	23,977	175,381	-	-	-	-	-	-	-	-	-	-
WESTERN MAINE . . . . .	18	160.6	6,634.0	1,374.0	5.5	316,976	486,320	23,977	250,025	-	-	-	-	-	-	-	-	-	-
WEST BORDERS . . . . .	1	1.0	1.0	1.0	0.4	196	196	196	196	-	-	-	-	-	-	-	-	-	-
WEST SIDE SOUTH CHANNEL . . . . .	17	142.2	293.0	83.4	3.2	22,342	15,468	10,868	2,760	-	-	-	-	-	-	-	-	-	-
EAST SIDE SOUTH CHANNEL . . . . .	1	1.3	10.0	3.2	1.3	3,147	535	1,167	2,285	-	-	-	-	-	-	-	-	-	-
TOTAL . . . . .	1/174	6,966.0	10,315.0	3,232.6	12.4	468,294	763,910	117,167	528,468	312	-	-	-	-	-	-	-	-	-
SINK GILL NETS, WESTERN MAINE . . . . .	1/9	556.0	556.0	556.0	19.1	905,100	1,427,445	-	-	-	-	-	-	-	-	-	-	-	-
SCALLOP DRONES:																			
CENTRAL MAINE . . . . .	19	185.0	155.0	77.5	3.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CENTRAL AND SOUTHEAST GEORGES	28	314.0	314.0	155.0	5.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL . . . . .	1/48	471.0	490.0	249.0	8.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(CONTINUED ON NEXT PAGE)

SEE NOTES AT END OF TABLE.

LANDINGS AT MAINE PORTS  
SUMMARY OF FISHERY - BY GEAR AND SUBAREA, 1967 - Continued

GEAR AND SUBAREA	CRAFT FISHING		TRIPS	DAYS ABSENT		DAYS FISHED	COO, DRAIN				FLOUNDERS, ROUND		POLLOCK, DRAIN		
	NUMBER	WEIGHT		NUMBER	WEIGHT		LARGE	MARKET	SCROD	POUNDS	POUNDS	POUNDS		POUNDS	POUNDS
TOTAL (LANDED WEIGHT ALL SPECIES)	1/264	9,025.0	9,025.0	12,605.0	4,600.2	2,013,273	966,138	8,293	171,423	528,603	312	77,850			
TOTAL (ROUND WEIGHT ALL SPECIES $\frac{1}{2}$ )	-	-	-	-	-	2,355,527	1,130,383	9,656	193,707	528,603	312	77,850			
GRAND TOTAL (ROUND WEIGHT $\frac{1}{2}$ )	-	-	-	-	-	2,355,527	1,130,383	9,656	193,707	528,603	312	77,850			
GEAR AND SUBAREA	FLOUNDERS, ROUND - BLACK-BACK		GRAY-FISH, DRAIN		HADDOCK, DRAIN		HALIBUT, DRAIN		MACKEREL, ROUND		OCEAN PERCH, ROUND		POLLOCK, DRAIN		
EASTERN MAINE	60	-	-	-	4,549	2,760	6,247	4,628	-	-	-	2,045	-	-	
CENTRAL MAINE	-	-	-	-	1,132	7,259	501,216	21,412	-	-	-	2,948	-	-	
WESTERN MAINE	-	-	-	-	4,130	1,253	1,755	1,785	-	-	-	2,848	-	-	
TOTAL	60	-	-	-	26,912	6,334	507,938	27,965	-	-	-	5,313	-	-	
HANDLINES:	EASTERN MAINE		8,500		8,704		250		-		-		406		
	CENTRAL MAINE		-		273		215		-		-		15,616		
	WESTERN MAINE		-		733		-		1,495		-		2,590		
TOTAL	-		8,500		9,712		465		1,495		-		18,912		
LONGLINES: NORTHERN EDGE AND NORTHEAST PEAK	-		-		-		20		8,611		-		-		
OTTER TRAWLS:	ST. PIERRE BANK		-		-		-		100		54,000		-		
	BURGO BANK		-		-		-		150		124,000		-		
	EASTERN GULF ST. LAWRENCE		-		-		-		320		63,200		-		
	NORTH GULF ST. LAWRENCE		-		-		-		12,061		21,795,300		-		
	BANK		-		-		-		9,826		8,941,100		-		
	BANK		-		-		-		30		3,300		-		
	MIDDLE GROUND		-		-		-		2,775		1,902,300		-		
	HORSESHOE GROUND		-		-		-		-		30,000		-		
	EASTERN NOVA SCOTIA		800		-		320		638		550,135		860		
	CENTRAL NOVA SCOTIA		1,985		3,300		4,235		2,475		3,601,715		5,140		
	EASTERN BROWNS AND LAHAVE		-		-		-		1,865		1,732,600		-		
	WESTERN BROWNS		235		-		150		145		13,300		3,430		
	WESTERN NOVA SCOTIA		305		-		150		335		1,310,075		1,605		
	WESTERN NOVA SCOTIA		305		-		150		110		1,091,375		1,605		
	WESTERN NOVA SCOTIA		215		-		100		110		310,075		4,980		
	EASTERN MAINE		6,472		79,179		167,048		-		396,335		24,700		
	CENTRAL MAINE		116,003		194,382		863,377		4,952		692,215		55,759		
	WESTERN MAINE		88,828		243,365		403,167		76,343		645,390		56,181		
	WESTERN GROUND		22,600		33,681		21,192		4,500		12,419,391		108,431		
	WESTERN GROUND CHANNEL		9,183		9,183		6,135		1,225		7,009,250		108,431		
	EAST SIDE SOUTH CHANNEL		9,232		9,232		1,254		65		136,754		1,429		

(CONTINUED ON NEXT PAGE)

SEE NOTES AT END OF TABLE.

# LANDINGS AT MAINE PORTS

## SUMMARY OF FISHERY - BY GEAR AND SUBAREA, 1967 - Continued

GEAR AND SUBAREA	FLOUNDERS, ROUND - CONTINUED		GRAY-SHARK DRAIN	HADDOCK, DRAIN		HAKE, DRESSED	HALIBUT, DRAIN	HERRING, ROUND	MACKEREL, ROUND	OCEAN PLOUNDER, ROUND	POLLOCK, DRAIN						
	BLACK-BACK	DAB		LARGE	SCROD							POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
OTTER TRAWLS - CONTINUED:																	
TOTAL . . . . .	102,747	753,075	-	565,351	1,441,629	438,817	47,536	-	-	62,153,765	370,774						
SINK GILL NETS, WESTERN MAINE . . . . .	-	-	100,930	11,398	-	105,960	346	-	-	-	574,095						
TOTAL (LANDED WEIGHT ALL SPECIES) . . . . .	102,607	753,075	150,820	613,373	1,448,428	1,024,130	86,750	-	-	62,153,765	969,094						
TOTAL (ROUND WEIGHT ALL SPECIES 2/3) . . . . .	102,807	753,075	150,820	699,247	1,651,207	1,412,534	99,763	-	-	62,153,765	1,095,073						
MISCELLANEOUS GEAR, UNCLASSIFIED WATERS OFF MAINE . . . . .	-	-	-	-	-	-	-	64,599,660	352,683	-	-						
GRAND TOTAL (ROUND WEIGHT 2/3) . . . . .	102,607	753,075	150,820	699,247	1,651,207	1,412,534	99,763	64,599,660	352,683	62,153,765	1,095,073						
GEAR AND SUBAREA	SMOKE-BLANKETS DRESSED	TUNA, ROUND	WHITING, ROUND	WOLF-TRAIL DRAIN	UNCLASSIFIED FISH FOR FOOD	SCALLOPS, (NETS)				LOBSTERS, ROUND	UNCLASSIFIED SHELLFISH	TOTAL					
	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS					
TRAWL LINES:	-	-	-	-	-	-	-	-	-	-	-	-					
EASTERN MAINE . . . . .	-	-	-	-	8,017	-	-	-	-	-	-	100,138					
CENTRAL MAINE . . . . .	-	-	-	-	40,490	-	-	-	-	-	-	654,519					
WESTERN MAINE . . . . .	-	-	-	64	25,538	-	-	-	-	-	-	78,605					
TOTAL . . . . .	-	-	-	64	-	-	-	-	-	-	-	833,262					
HANDLINES:	-	-	-	-	-	-	-	-	-	-	-	-					
EASTERN MAINE . . . . .	-	-	-	-	-	-	-	-	-	-	-	375,671					
CENTRAL MAINE . . . . .	-	-	-	-	-	-	-	-	-	-	-	146,282					
WESTERN MAINE . . . . .	-	-	-	-	-	-	-	-	-	-	-	48,616					
TOTAL . . . . .	-	-	-	-	-	-	-	-	-	-	-	570,771					
HARPOONS, WESTERN MAINE . . . . .	-	47,442	-	-	-	-	-	-	-	-	-	47,442					
LONGLINES:	-	-	-	-	-	-	-	-	-	-	-	-					
XXII UNCLASSIFIED NORTHWESTERN EDGE AND NORTHEAST PEAK . . . . .	70,563	480	-	-	-	-	-	-	-	-	-	71,043					
TOTAL . . . . .	70,563	480	-	-	-	-	-	-	-	-	-	23,096					
OTTER TRAWLS:	-	-	-	-	-	-	-	-	-	-	-	94,139					
SOUTHEAST GRAND BANKS . . . . .	-	-	-	-	-	-	-	-	-	-	-	54,400					
SUREX BANK . . . . .	-	-	-	-	-	-	-	-	-	-	-	63,320					
SURFLOUNDER . . . . .	-	-	-	-	-	-	-	-	-	-	-	21,930,861					
EASTERN GULF ST. LAWRENCE . . . . .	-	-	-	-	-	123,500	-	-	-	-	-	9,045,926					
NORTH GULF ST. LAWRENCE . . . . .	-	-	-	-	-	95,000	-	-	-	-	-	5,330					
MISMAINE BANK . . . . .	-	-	-	-	-	-	-	-	-	-	-	1,900,000					
BANQUEREAU . . . . .	-	-	-	-	-	-	-	-	-	-	-	30,000					
ST. JOHN'S BAY . . . . .	-	-	-	-	-	-	-	-	-	-	-	6,000					
HORSHEGUE SOUND . . . . .	-	-	-	-	-	-	-	-	-	-	-	11,150					
EASTERN NOVA SCOTIA . . . . .	-	-	-	-	-	-	-	-	-	-	-	556,288					
EMERALD BANK . . . . .	-	-	-	-	-	-	-	-	-	-	-	3,698,690					
CENTRAL NOVA SCOTIA . . . . .	-	-	-	-	20,000	-	-	-	-	-	-	1,668,772					

(CONTINUED ON NEXT PAGE)

SEE NOTE AT END OF TABLE.



# NEW ENGLAND FISHERIES

## 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 in 1967 represent more than 97 percent of the total Massachusetts catch. The figures do not include data on shellfish (except the landings of otter-trawl-caught lobsters, shrimp, squid, and sea scallop meats). Additional landings not included in these data consist mostly of crabs, pot-caught lobsters, clams, sea mussels, oysters, bay scallop meats, Irish moss, and small amounts of other fish, shellfish, and other marine organisms.

The following tables are a summary of 1967 data on Massachusetts landings by port, gear, and area of capture. Since the quantities shown are the weights as landed, they are not directly comparable with the catch figures that appear in other tables in this Digest.

Landings of fishing craft of all sizes at Boston, Gloucester, New Bedford, and other Massachusetts ports were 316.0 million pounds valued at \$33.2 million--a decline of 16 percent in volume and 17 percent in value compared with 1966. New Bedford for the fourth consecutive year was the leading port with 37 percent of the landings and 46 percent of the value. Gloucester was second in poundage with 26 percent and Boston, third with 25 percent. Boston ranked second in value, however, with 29 percent and Gloucester, third with 16 percent.

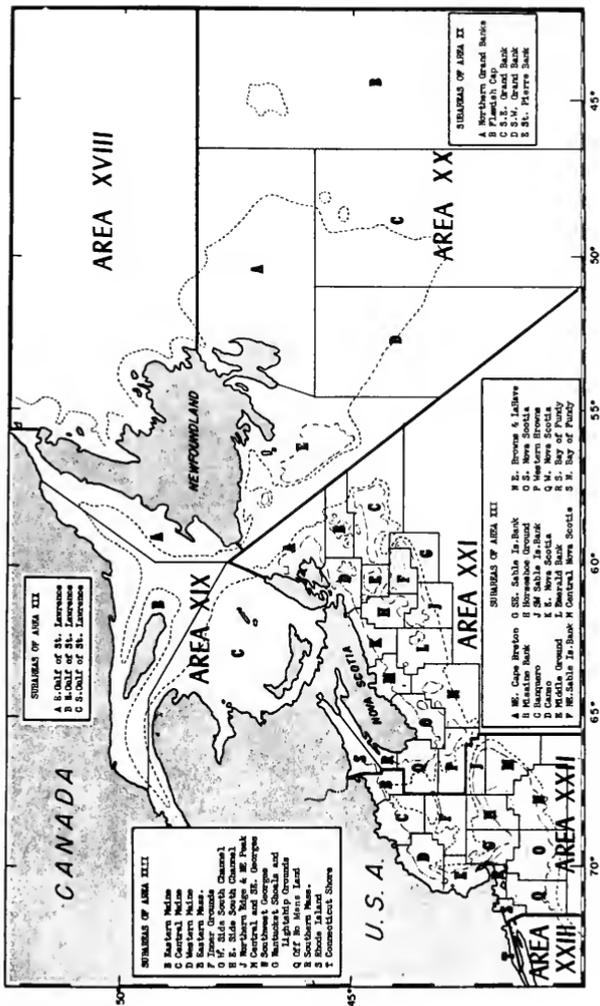
Boston landings of 77.9 million pounds were 13 percent less than in 1966. It was the second consecutive year that a 13-percent decline occurred in volume of fish landed in Boston. The value of \$9.6 million decreased 11 percent compared with a year earlier. Haddock landings of 50.4 million pounds were 65 percent of the Boston receipts. The haddock production was 15.0 million pounds less than in 1966--continuing the downward trend of recent years. The decline resulted from four successive poor year classes and increasing competition from foreign vessels fishing on Georges Bank.

Gloucester landings of 83.3 million pounds worth \$5.3 million were 33.1 million pounds (28 percent) and \$2.4 million (32 percent) less than a year ago. Compared with 1966, the whiting production of 28.2 million pounds declined 15.8 million. Landings were affected adversely by a large inventory of processed fish caught in the previous year. The 19.5-million-pound landings of haddock were 7.6 million less than in 1966, partly because haddock were scarce on the fishing grounds and partly because an increasing number of groundfish trips were landed at Boston by Gloucester vessels. Ocean perch landings of 8.5 million pounds were 7.3 million less than in the previous year and the smallest harvest since 1935.

Landings at New Bedford were 117.8 million pounds worth \$15.4 million--a decline of 12 percent in volume and 17 percent in value compared with 1966. Contributing to the decline were landings of yellowtail flounders (42.5 million pounds), haddock (10.9 million), and sea scallop meats (6.8 million pounds) which were 20, 30, and 37 percent less, respectively, than in the previous year. The value of sea scallops, however, remained at \$5.3 million as fishermen received record prices throughout much of the year. Grounds off the Middle Atlantic States supplied most of the New Bedford sea scallops in 1967. Landings of fish for industrial purposes (31.7 million pounds) were 40 percent greater than in the previous year.

A total of 668 craft landed 316.0 million pounds of fish and shellfish at principal Massachusetts ports. Of this number, 416 using otter trawls landed 282.1 million pounds (89 percent). Thirty-nine scallop dredgers landed 6.9 million pounds (2 percent), and 10 purse seiners, 13.3 million (4 percent). The rest was taken by handlines, harpoons, longlines, floating traps, sink and drift gill nets, and pound nets. Fishing grounds off the New England coast yielded 279.9 million pounds, or 89 percent of the landings. Grounds off Nova Scotia accounted for 19.0 million pounds (6 percent). The rest was taken off the Middle Atlantic States, and in the Gulf of St. Lawrence. One vessel landed a part of one triptaken from St. Pierre Bank.

## STATISTICAL AREAS AND SUBAREAS USED IN REPORTING THE CATCH LANDED AT CERTAIN MASSACHUSETTS PORTS DURING 1967



# NEW ENGLAND FISHERIES

## LANDINGS AT MASSACHUSETTS PORTS

### SUMMARY OF LANDINGS, 1967

SPECIES	BOSTON		GLOUCESTER	
	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES, ROUND . . . . .	-	-	4,245,970	\$42,459
ANGLERFISH, ROUND . . . . .	-	-	1,275	48
BUTTERFLISH, ROUND . . . . .	-	-	1,295	787
COD, DRAWN:				
LARGE . . . . .	5,361,230	\$531,652	2,193,475	193,516
MARKET . . . . .	5,940,134	642,515	2,765,830	275,309
SCROD . . . . .	4,347,121	464,350	1,076,575	67,335
CUSH, DRAWN . . . . .	792,260	60,596	448,065	28,057
FLOUNDERS, ROUND:				
BLACKBACK:				
LARGE . . . . .	1,741,744	193,509	131,800	11,494
SMALL . . . . .	8,740	672	5,345	585
DAB . . . . .	1,433,216	148,845	1,545,405	135,881
FLUKE, LARGE . . . . .	1,350	85	-	-
GRAY SOLE . . . . .	645,405	81,532	1,381,625	152,856
LEMON SOLE . . . . .	354,941	46,533	8,750	1,279
YELLOWTAIL . . . . .	1,384,269	125,251	214,490	17,180
HADDOCK, DRAWN:				
LARGE . . . . .	17,202,295	2,587,580	6,094,145	861,476
SCROD . . . . .	33,152,271	4,181,001	13,404,036	1,525,153
SNAPPER . . . . .	78,236	10,788	-	-
HAKE:				
RED, ROUND . . . . .	1,613	67	51,342	1,602
WHITE, DRESSED:				
LARGE . . . . .	4,147	519	262,715	27,254
MEDIUM . . . . .	493,513	43,095	122,345	11,974
HALIBUT, DRAWN . . . . .	40,854	17,399	56,556	22,779
HERRING, SEA, ROUND . . . . .	-	-	188,650	2,225
MACKEREL, ROUND . . . . .	-	-	1,749,695	34,384
OCEAN PERCH, ROUND . . . . .	708,800	23,767	8,539,505	367,222
POLLOCK, DRAWN . . . . .	3,451,077	240,875	1,577,990	92,648
SHAD, ROUND . . . . .	-	-	430,050	4,303
SHARKS, UNCLASSIFIED, DRAWN . . . . .	100	8	270	14
SKATES, ROUND . . . . .	4,130	176	49,185	2,064
STRIPED BASS, ROUND . . . . .	-	-	6,095	1,197
STURGEON, DRAWN . . . . .	-	-	388	45
TILEFISH, DRAWN . . . . .	-	-	660	52
TUNA, ROUND, BLUEFIN . . . . .	-	-	21,713	1,500
WHITING:				
ROUND . . . . .	500	40	28,241,417	858,644
DRESSED . . . . .	7,895	497	-	-
WOLFFISH, DRAWN . . . . .	206,995	15,963	155,405	8,733
UNCLASSIFIED:				
FOR FOOD . . . . .	1,565	118	6,136,685	501,894
SPAWN . . . . .	95,320	7,730	17,350	1,815
FOR INDUSTRIAL . . . . .	45	9	2,162,965	24,277
LOBSTERS, NORTHERN . . . . .	266,000	190,396	7,538	5,352
SHRIMP . . . . .	-	-	13,170	1,465
SQUID . . . . .	-	-	5,112	222
TOTAL . . . . .	77,925,766	9,616,066	83,342,372	5,285,080

SPECIES	NEW BEDFORD		OTHER MASSACHUSETTS PORTS	
	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES, ROUND . . . . .	-	-	859,800	\$13,757
ANGLERFISH, ROUND . . . . .	-	-	358,086	27,853
BLUEFISH, ROUND . . . . .	-	-	9,912	1,323
BOSTON, ROUND . . . . .	-	-	22,370	3,867
BUTTERFLISH, ROUND . . . . .	6,305	\$680	9,813	1,027
COD, DRAWN:				
WHALE . . . . .	-	-	35	2
LARGE . . . . .	1,980,755	193,538	3,043,832	270,111
MARKET . . . . .	3,506,625	335,908	1,595,907	134,863
SCROD . . . . .	397,095	32,197	404,645	20,701
CUSH, DRAWN . . . . .	17,200	1,542	75,719	3,754
EEL, COMMON, ROUND . . . . .	-	-	941	122
FLOUNDERS, ROUND:				
BLACKBACK:				
LARGE . . . . .	6,484,299	952,160	1,842,468	205,568
SMALL . . . . .	5,534,489	560,127	578,466	41,200
DAB . . . . .	2,841,760	393,068	664,225	56,270
FLUKE:				
LARGE . . . . .	154,550	66,142	10,859	3,151
MEDIUM . . . . .	204,463	58,791	2,677	587
SMALL . . . . .	51,185	9,776	470	78
GRAY SOLE . . . . .	2,062,725	276,424	684,435	85,343
LEMON SOLE . . . . .	1,151,440	262,168	22,735	5,067
YELLOWTAIL . . . . .	42,463,354	4,569,866	2,374,317	247,499

SEE NOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

# NEW ENGLAND FISHERIES

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## LANDINGS AT MASSACHUSETTS PORTS

### SUMMARY OF LANDINGS, 1967 - Continued

SPECIES	NEW BEDFORD		OTHER MASSACHUSETTS PORTS	
	POUNDS	VALUE	POUNDS	VALUE
HADDOCK, DRAWN:				
LARGE . . . . .	4,293,725	\$610,461	2,185,169	\$274,840
SCROD . . . . .	6,612,260	707,584	999,076	76,990
SHAPPER . . . . .	125	4		
HAKE:				
RED, ROUND . . . . .	580	14	206,095	5,174
WHITE, DRESSED:				
LARGE . . . . .	1,000	76	7,260	554
MEDIUM . . . . .	1,850	93	65,918	4,743
HALIBUT, DRAWN . . . . .	6,965	1,900	60,532	40,434
HERRING, SEA, ROUND . . . . .	-	-	3,365,518	55,445
MACKEREL, ROUND . . . . .	-	-	3,740,863	130,637
MENHADEN, ROUND . . . . .	-	-	21,000	525
OCEAN PERCH, ROUND . . . . .	4,450	124	934	46
OCEAN POUT, ROUND . . . . .	-	-	600	8
POLLOCK, DRAWN . . . . .	123,215	7,944	249,025	10,235
SCUP OR PORGY, ROUND:				
MEDIUM . . . . .	6,060	723	41,597	11,171
UNCLASSIFIED . . . . .	-	-	620,807	77,442
SEA BASS, ROUND:				
MEDIUM . . . . .	435	93	480	205
UNCLASSIFIED . . . . .	-	-	5,163	1,134
SHAD, ROUND . . . . .	-	-	76,254	1,754
SHARKS:				
GRAY FISH, ROUND . . . . .	-	-	12,095	527
UNCLASSIFIED, DRAWN . . . . .	162	11	460	22
SKATES, ROUND . . . . .	-	-	103,525	4,622
SMELT, ROUND . . . . .	-	-	40	6
STRIPED BASS, ROUND . . . . .	190	38	230,590	39,342
STURGEON, DRAWN . . . . .	415	17	1,164	193
SWORDFISH, DRESSED . . . . .	361,294	174,126	-	-
TAUTOG, ROUND . . . . .	-	-	10,354	517
TILEFISH, DRAWN . . . . .	3,500	547	-	-
TUNA, ROUND:				
BLUEFIN . . . . .	412,506	42,500	522,113	21,219
SKIPJACK . . . . .	35,685	3,588	-	-
WHITING:				
ROUND . . . . .	-	-	8,173,183	214,362
DRESSED . . . . .	-	-	893,675	24,896
WOLFFISH, DRAWN . . . . .	2,175	79	43,167	2,256
UNCLASSIFIED:				
FOR FOOD . . . . .	66,180	1,158	1,008,765	93,925
SPAWN . . . . .	-	-	5,954	1,154
FOR INDUSTRIAL . . . . .	31,664,462	444,270	1,375	138
LOBSTERS, NORTHERN . . . . .	560,235	453,302	869,004	646,537
SHRIMP . . . . .	-	-	8,790	620
SEA SCALLOP MEATS . . . . .	6,807,926	5,261,659	10,591	9,561
SQUID . . . . .	170	9	677,858	45,263
<b>TOTAL . . . . .</b>	<b>117,842,010</b>	<b>15,422,709</b>	<b>36,916,726</b>	<b>2,920,862</b>

SPECIES	TOTAL			
	1967		1966	
	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES, ROUND . . . . .	5,105,770	\$56,216	6,106,359	\$73,276
ANGLERFISH, ROUND . . . . .	359,361	27,901	199,250	14,455
BILLFISH, ROUND . . . . .	-	-	2,665	55
BLUEFISH, ROUND . . . . .	9,912	1,323	13,497	1,625
BONITO, ROUND . . . . .	22,370	3,867	3,178	470
BUTTERFISH, ROUND . . . . .	23,413	2,494	41,958	4,772
COOD, DRAWN:				
WHALE . . . . .	35	2	-	-
LARGE . . . . .	12,579,292	1,168,817	13,928,845	1,364,114
MARKET . . . . .	13,808,496	1,388,595	11,150,354	1,199,648
SCROD . . . . .	6,425,436	584,583	3,222,961	301,679
CUSK, DRAWN . . . . .	1,333,244	94,249	1,674,730	113,357
EL, COMMON, ROUND . . . . .	941	122	173	35
FLOUNDERS, ROUND:				
BLACKBACK:				
LARGE . . . . .	10,200,311	1,362,731	11,962,439	1,615,134
SMALL . . . . .	6,128,540	602,784	9,047,706	961,113
DAB . . . . .	6,484,606	734,062	6,326,536	675,451
FLUKE:				
LARGE . . . . .	166,759	69,378	109,525	34,455
MEDIUM . . . . .	207,140	59,378	57,717	13,610
SMALL . . . . .	51,655	9,854	78,655	17,089
GRAY SOLE . . . . .	4,774,190	596,135	4,491,475	554,485
LEMON SOLE . . . . .	1,537,656	315,047	2,011,586	408,600
YELLOWTAIL . . . . .	46,436,430	4,959,796	57,452,609	7,154,693

SEE NOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

# NEW ENGLAND FISHERIES

## LANDINGS AT MASSACHUSETTS PORTS

### SUMMARY OF LANDINGS, 1967 - Continued

SPECIES	TOTAL			
	1967		1966	
	POUNDS	VALUE	POUNDS	VALUE
HADDOCK, DRAWN:				
LARGE . . . . .	29,775,334	\$ 4,334,357	35,631,627	\$ 5,245,811
SCROD . . . . .	54,167,643	6,492,728	78,236,430	6,461,784
SNAPPER . . . . .	78,361	10,792	268,071	18,934
HAKE:				
RED, ROUND . . . . .	259,630	6,857	902,749	20,852
WHITE, DRESSED:				
LARGE . . . . .	295,122	28,403	448,604	46,555
MEDIUM . . . . .	683,626	59,905	632,755	64,915
HALIBUT, DRAWN . . . . .	164,907	82,512	173,941	78,848
HERRING, SEA, ROUND . . . . .	3,554,168	57,670	6,568,341	96,123
MACKEREL, ROUND . . . . .	5,490,558	165,221	2,530,282	153,057
MENHADEN, ROUND . . . . .	21,000	525	2,725	34
OCEAN PERCH, ROUND . . . . .	9,253,689	391,159	16,467,323	745,818
OCEAN POUT, ROUND . . . . .	600	6	6,200	83
POLLOCK, DRAWN . . . . .	5,401,307	351,702	6,724,287	451,926
SALMON, ATLANTIC . . . . .	-	-	12	10
SCUP OR PORGY, ROUND:				
LARGE . . . . .	-	-	60	6
MEDIUM . . . . .	47,657	11,694	155,490	15,105
UNCLASSIFIED . . . . .	620,807	77,442	270,062	39,666
SEA BASS, ROUND:				
MEDIUM . . . . .	915	298	1,053	118
UNCLASSIFIED . . . . .	5,163	1,134	468	95
SEA ROBIN, ROUND . . . . .	-	-	150	8
SHAD, ROUND . . . . .	508,304	6,057	11,459	710
SHARKS:				
GRAY FISH, ROUND . . . . .	12,095	527	-	-
UNCLASSIFIED, DRAWN . . . . .	922	55	15,922	1,643
SKATES, ROUND . . . . .	156,810	6,862	66,278	2,914
SMELT, ROUND . . . . .	40	6	-	-
STRIPED BASS, ROUND . . . . .	236,875	40,577	133,782	22,271
STURGEON, DRAWN . . . . .	1,967	255	1,564	189
SWORFISH, DRESSED . . . . .	361,294	174,128	468,359	237,276
TALOG, ROUND . . . . .	10,354	517	7,777	372
TILEFISH, DRAWN . . . . .	4,160	999	25,415	2,339
TUNA, ROUND:				
BLUEFIN . . . . .	956,332	65,219	1,804,990	198,579
SKIPJACK . . . . .	35,885	3,588	64,468	7,183
WHITING:				
ROUND . . . . .	36,415,100	1,073,046	50,327,102	2,274,889
DRESSED . . . . .	841,570	25,395	694,610	34,670
WOLFFISH, DRAWN . . . . .	407,742	27,031	404,307	25,150
UNCLASSIFIED:				
FOR FOOD . . . . .	7,213,215	597,095	7,267,531	621,426
SPRAWN . . . . .	118,624	10,699	110,092	9,232
FOR INDUSTRIAL . . . . .	33,828,867	469,694	25,144,113	350,151
LOBSTERS, NORTHERN . . . . .	1,716,777	1,295,587	1,612,299	1,069,791
SHRIMP . . . . .	21,960	2,085	23,235	3,019
SEA SCALLOP MEATS . . . . .	6,818,517	5,271,240	10,813,323	5,330,318
SQUID . . . . .	883,140	45,494	32,032	2,224
TOTAL . . . . .	316,026,874	33,244,717	375,953,346	40,133,015

NOTE:--THIS REPORT INCLUDES ALL LANDINGS IN MASSACHUSETTS EXCEPT THE INSHORE CATCH OF SHELLFISH (LOBSTERS, CLAMS, BAY SCALLOPS, IRISH MOSS, ETC.) AND SMALL QUANTITIES OF FINFISH. IN 1967, THE LANDINGS SHOWN ABOVE ACCOUNTED FOR 97.7 PERCENT OF THE MASSACHUSETTS TOTAL CATCH. THE WEIGHTS OF FISH GIVEN HERE REPRESENT THE FRESH FISH AS LANDED AND THE VALUES ARE THOSE RECEIVED BY THE FISHERMEN. THE GRADES OR SIZES GIVEN FOR CERTAIN SPECIES ARE THOSE RECOGNIZED IN THE TRADE. "WHALE" COD ARE CLASSIFIED AS THOSE WEIGHING OVER 25 POUNDS; "LARGE" COD, 10 TO 25 POUNDS; "MARKET" COD, 2-1/2 TO 10 POUNDS; AND "SCROD" COD, 1-1/2 TO 2-1/2 POUNDS. "LARGE" BLACKBACK FLOUNDERS, 1 TO 3-1/2 POUNDS; AND "SMALL" BLACKBACK FLOUNDERS, 3/4 TO 1 POUND. "LARGE" FLUKE, OVER 4 POUNDS; "MEDIUM" FLUKE, 3 TO 4 POUNDS; AND "SMALL" FLUKE, 1-1/2 TO 3 POUNDS. "LARGE" HADDOCK ARE THOSE WEIGHING OVER 2-1/2 POUNDS; "SCROD" HADDOCK, 1-1/2 TO 2-1/2 POUNDS; AND "SNAPPER" HADDOCK, UNDER 1-1/2 POUNDS. "LARGE" HAKE ARE THOSE WEIGHING OVER 6 POUNDS, AND "MEDIUM" 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, 1967

GEAR AND SUBAREA	CRAFT FISHING	TRIPS	DAYS ABSENT	DAYS FISHED	COD, DRAWN				FLOUNDERS, ROUND	BLACK-BACK
					LARGE	MARKET	SCROO	CLISK, DRAWN		
	NUMBER	NUMBER	NUMBER	NUMBER	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	
<b>LINE TRAWLS:</b>										
WESTERN MAINE . . . . .	4	8.0	10	7.5	8,175	10,100	1,625	5,325	-	-
EASTERN MASSACHUSETTS . . . . .	39	654.0	678	274.1	28,965	91,050	24,885	91,155	21,885	-
INNER GROUNDS . . . . .	4	25.0	34	28.5	24,535	20,525	4,850	45,625	-	-
WEST SIDE SOUTH CHANNEL . . . . .	49	1,755.0	1,888	994.4	1,211,748	411,917	57,358	97,761	46,447	-
<b>TOTAL</b> . . . . .	<b>1/ 83</b>	<b>2,480.0</b>	<b>2,610</b>	<b>1,304.5</b>	<b>1,273,142</b>	<b>533,592</b>	<b>68,719</b>	<b>259,765</b>	<b>68,302</b>	
<b>HANDLINES:</b>										
EASTERN MASSACHUSETTS . . . . .	98	1,485.0	1,493	671.1	57,102	26,410	95	475	100	-
WEST SIDE SOUTH CHANNEL . . . . .	50	1,752.0	1,752	876.0	966,062	266,110	29,035	6,506	13,844	-
<b>TOTAL</b> . . . . .	<b>1/ 148</b>	<b>3,237.0</b>	<b>3,245</b>	<b>1,547.1</b>	<b>1,023,164</b>	<b>312,520</b>	<b>29,130</b>	<b>6,763</b>	<b>13,944</b>	
<b>HARPOONS:</b>										
EASTERN MASSACHUSETTS . . . . .	10	14.0	14	5.0	-	-	-	-	-	-
SOUTHWEST GEORGES . . . . .	2	4.0	61	39.5	-	-	-	-	-	-
NAUTUCKET SHOALS AND LIGHTSHIP . . . . .	3	7.0	44	22.0	-	-	-	-	-	-
OFF NO MAN'S LAND . . . . .	5	13.0	62	31.2	-	-	-	-	-	-
<b>TOTAL</b> . . . . .	<b>1/ 17</b>	<b>38.0</b>	<b>181</b>	<b>97.7</b>						
<b>LONGLINES:</b>										
SOUTHWEST GEORGES . . . . .	3	6.0	55	30.5	-	-	-	-	-	-
OFF LONG ISLAND . . . . .	2	11.0	137	76.0	-	-	-	-	-	-
<b>TOTAL</b> . . . . .	<b>1/ 3</b>	<b>17.0</b>	<b>193</b>	<b>106.5</b>						
<b>OTTER TRAWLS (ALL SIZES):</b>										
ST. PIERRE BANK . . . . .	1	8	15	1.8	-	-	-	-	-	-
EAST GULF OF ST. LAWRENCE . . . . .	4	14.5	215	59.9	-	-	-	-	-	-
NORTH GULF OF ST. LAWRENCE . . . . .	2	3.4	51	17.5	-	-	-	-	-	-
NORTHEAST CAPE BRETON . . . . .	1	1	1	1.0	-	-	-	-	-	-
WESTERN BANK . . . . .	2	2	4	1.0	-	-	-	-	-	-
CANSO . . . . .	1	2	3	3	-	-	-	-	-	-
MIDDLE GROUND . . . . .	1	2	3	3	-	-	-	-	-	-
NORTHEAST SABLE ISLAND BANK . . . . .	1	7	10	3.5	-	-	-	-	-	-
PURBESHOE GROUND . . . . .	1	4	4	1.5	1,100	2,800	1,270	325	50	-
ST. LAWRENCE BANK . . . . .	7	6.8	67	17.1	895	1,000	500	290	50	-
NEBRALO BANK . . . . .	1	1	2	1.2	625	1,525	36,000	25,750	495	-
CENTRAL NOVA SCOTIA . . . . .	12	20.9	285	80.8	73,415	106,345	3,710	2,945	-	-
SOUTHERN NOVA SCOTIA . . . . .	22	15.9	156	42.6	5,530	9,489	154,739	72,047	20,011	-
WESTERN NOVA SCOTIA . . . . .	10	10.7	106	42.6	222,844	230,512	103,320	49,205	2,000	-
SOUTHERN BAY OF FUNDY . . . . .	38	35.4	519	138.9	49,823	119,607	42,710	6,795	1,250	-
NORTHERN BAY OF FUNDY . . . . .	16	23.2	253	69.9	298,550	564,780	80,253	34,310	825	-
SOUTHERN BAY OF FUNDY . . . . .	35	107.2	1,012	235	54,578	92,545	4,675	2,603	-	-
EASTERN MAINE . . . . .	27	28.2	32	15.2	695,749	8,510	891,238	86,427	7,243	-
WESTERN MAINE . . . . .	5	4.0	948	568.1	1,334,473	1,651,473	791,262	47,589	1,619,938	-
EASTERN MASSACHUSETTS . . . . .	164	7,667.3	8,148	3,914.3	6,590	8,920	3,550	13,360	-	-
INNER GROUNDS . . . . .	9	8.7	48	35.1	-	-	-	-	-	-

SEE NOTES AT END OF TABLE. (CONTINUED ON NEXT PAGE)

## LANDINGS AT MASSACHUSETTS PORTS

## SUMMARY OF FISHERY - BY GEAR AND SUBAREA, 1967 - Continued

GEAR AND SUBAREA	CRAFT FISHING	TRIPS	DAYS ABSENT	DAYS FISHED	COD, DRAWN			CURK DRAWN	FLOUNDERS, ROUND
					LARGE	MARKET	SCROD		
	NUMBER	NUMBER	NUMBER	NUMBER	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
OTTER TRAWLS (ALL SIZES): - CONTD.									
WEST SIDE SOUTH CHANNEL . . . . .	206	1,940.6	6,220	3,752.4	1,601,076	3,552,231	1,569,718	215,123	3,896,352
EAST SIDE SOUTH CHANNEL . . . . .	159	767.4	5,182	3,959.8	1,503,324	1,503,324	799,317	166,984	973,013
NORTHERN EDGE AND NORTHEAST PEAK . . . . .	77	237.3	2,060	1,368.3	937,739	648,085	632,397	250,345	159,285
CENTRAL AND SOUTHEAST GEORGES . . . . .	120	641.5	3,056	3,244.0	1,810,204	1,215,022	405,356	53,905	1,431,404
NANTUCKET SHOALS AND LIGHTSHIP . . . . .	179	1,122.5	6,135	3,769.6	387,271	907,121	133,688	1,249	5,545,685
OFF NO MANS LAND . . . . .	101	565.8	1,676	954.5	25,830	63,635	16,290	-	1,319
SOUTHERN MASSACHUSETTS . . . . .	57	384.2	917	446.3	13,572	95,603	14,600	-	1,615,355
RHODE ISLAND SHORE . . . . .	86	120.2	449	244.4	7,970	24,160	14,325	-	50,620
OFF LONG ISLAND . . . . .	34	320.3	1,549	863.5	31,970	46,145	1,365	-	164,395
TOTAL . . . . .	1/ 416	14,902.9	44,400	25,234.4	10,115,881	12,651,723	6,304,468	1,085,495	16,191,132
FLOATING TRAPS									
EASTERN MASSACHUSETTS . . . . .	3	154.0	154	154.0	-	80	-	-	-
TOTAL . . . . .	3	154.0	154	154.0	-	80	-	-	-
SINK GILL NETS									
EASTERN MASSACHUSETTS . . . . .	9	547.0	554	545.7	166,514	105,615	3,100	1,200	955
TOTAL . . . . .	9	547.0	554	545.7	166,514	105,615	3,100	1,200	955
DRIFT GILL NETS									
EASTERN MASSACHUSETTS . . . . .	11	142.0	142	136.0	-	-	-	-	-
TOTAL . . . . .	11	142.0	142	136.0	-	-	-	-	-
PURSE SEINES:									
EASTERN MASSACHUSETTS . . . . .	8	102.0	102	32.0	-	-	-	-	-
OFF NO MANS LAND . . . . .	4	6.0	29	5.0	-	-	-	-	-
RHODE ISLAND SHORE . . . . .	3	6.0	18	2.4	-	-	-	-	-
OFF LONG ISLAND . . . . .	3	5.0	13	3.6	-	-	-	-	-
TOTAL . . . . .	1/ 10	121.0	152	43.2	-	-	-	-	-
SCALLOP DREDGES:									
EASTERN MASSACHUSETTS . . . . .	5	32.0	32	9.5	-	-	-	-	750
WEST SIDE SOUTH CHANNEL . . . . .	11	197.5	230	120.0	-	-	-	-	3,750
EAST SIDE SOUTH CHANNEL . . . . .	22	69.2	546	438.4	-	-	-	-	2,156
NORTHERN EDGE AND NORTHEAST PEAK . . . . .	4	5.0	43	36.0	-	-	-	-	-
CENTRAL AND SOUTHEAST GEORGES . . . . .	22	52.5	479	372.1	-	-	-	-	210
SOUTHWEST GEORGES . . . . .	23	72.9	642	488.0	-	-	-	-	8,450
NANTUCKET SHOALS AND LIGHTSHIP . . . . .	11	141.0	593	352.0	-	-	-	-	-
OFF NO MANS LAND . . . . .	1	4.0	8	7.0	-	-	-	-	-
SOUTHERN MASSACHUSETTS . . . . .	3	13.0	13	3.9	-	-	-	-	-
RHODE ISLAND SHORE . . . . .	1	4.0	17	5.9	-	-	-	-	-
OFF LONG ISLAND . . . . .	33	397.0	3,461	2,667.4	-	-	-	-	-
TOTAL . . . . .	1/ 39	721.0	5,867	4,547.1	-	-	-	-	15,195

(CONTINUED ON NEXT PAGE)

SEE NOTES AT END OF TABLE.

LANDINGS AT MASSACHUSETTS PORTS  
SUMMARY OF FISHERY - BY GEAR AND SUBAREA, 1967 - Continued

GEAR AND SUBAREA	CRAFT FISHING	TRIPS	DAYS ABSENT	DAYS FISHED	COD, DRAWN			CUSH, DRAWN	FOUNDERS, ROUND			
					LARGE	MARKET	SCROO			BLACK-BACK		
											POUNDS	POUNDS
ROUND NETS:												
EASTERN MASSACHUSETTS	4	381.0	381	370.2	130	295	-	-	-			
SOUTHERN MASSACHUSETTS	5	401.0	401	401.0	-	2,521	-	-	1,473			
TOTAL	1/ 9	782.0	782	771.2	130	2,816	-	-	1,473			
LOBSTER TRAMLS:												
SOUTH CHANNEL	1	1	1	67.5	-	-	-	-	-			
CENTRAL AND SOUTHEAST GEORGES	11	15.0	111	31.5	-	445	-	-	7,375			
EASTERN MASSACHUSETTS	17	80.2	742	528.0	-	205	-	-	2,750			
NANTUCKET SHOALS AND LIGHTSHIP	22	55.8	470	311.3	275	1,500	-	-	27,725			
OFF NO MAN'S LAND	1	1.0	4	4.0	-	-	-	-	-			
OFF LONG ISLAND	2	4.0	43	28.0	-	-	-	-	-			
TOTAL	1/ 31	156.1	1,374	941.6	275	2,150	-	-	37,850			
GRAND TOTAL	1/ 668	23,296.0	59,654	35,451.2	12,579,327	13,808,496	6,425,436	1,353,244	16,328,851			
FLOUNDER, ROUND - CONTINUED												
GEAR AND SUBAREA	DAG	FLUKE	GRAY SOLE	LEMON SOLE	YELLOW-TAIL	HADDOCK, DRAWN			RED, ROUND	WHITE-CRESSED LARVE		
						POUNDS	POUNDS	POUNDS			SCROO	SHAPPER
LINE TRAMLS:												
WESTERN MAINE	-	-	-	-	-	7,475	6,050	-	-	-		
EASTERN MASSACHUSETTS	-	-	30	-	-	171,355	55,130	500	-	450		
INNER GROUNDS	-	130	215	875	1,320	27,665	9,245	93	50	963		
WEST SIDE SOUTH CHANNEL	725	-	-	-	-	1,381,430	189,765	3,650	3,650	2,057		
TOTAL	725	130	245	875	1,320	1,587,925	260,190	4,150	1,013	2,932		
HANDLINES:												
EASTERN MASSACHUSETTS	-	765	-	1,010	-	515	175	-	15	-		
WEST SIDE SOUTH CHANNEL	55	-	-	-	-	134,134	16,739	-	-	-		
TOTAL	55	765	-	1,010	-	134,649	16,914	-	15	-		
OTTER TRAMLS (ALL SIZES):												
HORSNEPGE GROUNDS	600	-	550	-	-	875	625	-	-	-		
EASTERN NOVA SCOTIA	375	-	375	-	-	350	-	-	-	225		
CENTRAL NOVA SCOTIA	16,090	-	1,575	-	1,945	258,265	580,780	-	-	20		
EASTERN BROWNS AND LAHAVE	5,818	-	21,990	2,375	600	80,775	178,109	-	-	130		
WESTERN NOVA SCOTIA	42,897	-	20,373	3,325	25	157,635	1,953,935	15,600	-	2,117		
WESTERN BAY OF FUNDY	54,763	-	22,743	3,725	3,725	168,130	668,153	-	-	5,625		
NORTHERN BAY OF FUNDY	182,010	-	134,370	1,200	24,800	765,205	3,242,070	-	-	15,355		
EASTERN MAINE	2,850	-	67,993	3,950	3,950	163,027	728,188	-	-	21,500		
CENTRAL MAINE	2,850	-	32,205	3,325	3,325	161,325	19,150	-	-	6,025		

(CONTINUED ON NEXT PAGE)

SEE NOTES AT END OF TABLE.

## NEW ENGLAND FISHERIES

## LANDINGS AT MASSACHUSETTS PORTS

## SUMMARY OF FISHERY - BY GEAR AND SUBAREA, 1967 - Continued

GEAR AND SUBAREA	FLOUNDERS, ROUND - CONTINUED					HADDOCK, DRAWN				HAKE	
	DAB	FLUKE	GRAY SOLE	LEMON SOLE	YELLOW-TAIL	LARGE	SCROD	SNAPPER	REC. ROUND	WHITE, DRESSED	
	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	LARGE
OTTER TRAWLS (ALL SIZES): - CONTD.											
WESTERN MAINE . . . . .	310,519	-	499,276	1,088	27,203	557,769	1,548,286	-	7,635	40,694	
EASTERN MASSACHUSETTS . . . . .	1,249,539	2,430	837,863	4,785	1,871,696	2,361,775	2,361,775	-	196,325	31,869	
INNER GROUNDS . . . . .	9,325	-	19,544	134,113	1,468,070	5,47,138	90,610	-	53,912	1,400	
WEST SIDE SOUTH CHANNEL . . . . .	703,229	19,140	797,970	1,401,828	1,468,070	5,47,138	90,610	2,700	73,157	1,400	
EAST SIDE SOUTH CHANNEL . . . . .	3,700	100	3,800	41,550	328,559	33,640	960	33,640	21,290	600	
NORTHERN EDGE AND NORTHEAST PEAK . . . . .	332,200	-	143,455	41,550	328,559	2,536,630	7,561,470	-	960	21,290	
CENTRAL AND SOUTHEAST GEORGES . . . . .	238,473	1,625	61,612	565,141	10,948,007	4,210,187	6,539,334	20,271	-	540	
SOUTHWEST GEORGES . . . . .	115,560	1,260	246,002	143,374	5,857,618	1,859,395	2,931,625	-	-	540	
NANTUCKET SHOALS AND LIGHTSHIP . . . . .	146,720	146,720	594,945	196,278	12,778,213	1,076,640	1,897,210	-	-	4,362	
OFF LONG ISLAND . . . . .	450	119,525	3,140	24,170	1,446,188	5,340	11,170	-	-	1,160	
OFF LONG ISLAND SHORE . . . . .	8,375	103,325	27,790	-	6,197,540	7,275	20,920	-	-	-	
TOTAL . . . . .	6,483,406	412,664	4,772,295	1,530,771	46,401,680	27,999,390	53,877,064	74,211	299,602	290,635	
SINK GILL NETS . . . . .											
EASTERN MASSACHUSETTS . . . . .	170	-	-	-	-	111,170	2,025	-	-	1,355	
TOTAL . . . . .	170	-	-	-	-	111,170	2,025	-	-	1,355	
SCALLOP DREDGES:											
EASTERN MASSACHUSETTS . . . . .	-	-	-	225	680	-	-	-	-	-	
WEST SIDE SOUTH CHANNEL . . . . .	-	-	-	1,625	1,975	-	250	-	-	-	
EAST SIDE SOUTH CHANNEL . . . . .	-	-	565	-	625	-	-	-	-	-	
SOUTHWEST GEORGES . . . . .	250	-	-	750	350	-	350	-	-	-	
NANTUCKET SHOALS AND LIGHTSHIP . . . . .	-	-	-	-	500	-	-	-	-	-	
OFF NO HANS LAND . . . . .	-	-	-	-	4,900	-	-	-	-	-	
OFF LONG ISLAND . . . . .	-	6,985	1,125	-	-	-	-	-	-	-	
TOTAL . . . . .	250	8,985	1,690	2,600	9,605	-	600	-	-	-	
POUND NETS, MASSACHUSETTS . . . . .											
SOUTHERN MASSACHUSETTS . . . . .	-	910	-	-	-	-	-	-	-	-	
TOTAL . . . . .	-	910	-	-	-	-	-	-	-	-	
LOBSTER TRAWLS:											
NORTHEAST GEORGES . . . . .	-	-	625	625	380	250	1,760	-	-	-	
SOUTHWEST GEORGES . . . . .	-	-	-	1,060	23,475	1,950	6,475	-	-	-	
NANTUCKET SHOALS AND LIGHTSHIP . . . . .	-	2,100	-	-	-	-	-	-	-	-	
TOTAL . . . . .	-	2,100	-	2,610	23,825	2,200	10,650	-	-	-	
GRAND TOTAL . . . . .	6,484,606	425,554	4,774,190	1,537,866	46,436,430	29,775,334	54,167,043	78,361	299,630	295,122	

(CONTINUED ON NEXT PAGE)

SEE NOTE AT END OF TABLE.

LANDINGS AT MASSACHUSETTS PORTS

SUMMARY OF FISHERY - BY GEAR AND SUBAREA, 1967 - Continued

GEAR AND SUBAREA	HAKE-CONT'D.		HALIBUT, DRAWN POUNDS	MACKEREL, ROUND POUNDS	MENHADEN, ROUND POUNDS	OCEAN PERCH, ROUND POUNDS	POLLOCK, DRAWN POUNDS	SCUP OR PORGY, ROUND POUNDS	SMORO- FISH, DRESSED POUNDS	TILE- FISH, DRESSED POUNDS	TUNA, ROUND POUNDS
	WHITTE, DRESSED -SCALE, MEDIUM POUNDS	775 POUNDS									
LINE TRAWLS:											
WESTERN MAINE . . . . .		775	10,754	-	-	-	850	-	-	-	-
EASTERN MASSACHUSETTS . . . . .		1,575	6,226	-	-	19	9,125	-	-	-	-
INNER GROUNDS . . . . .		20,988	54,205	449	-	-	76,813	65	-	-	-
WEST SIDE SOUTH CHANNEL . . . . .											
TOTAL . . . . .		23,338	71,185	449	-	19	87,383	65	-	-	-
HANDLINES:											
EASTERN MASSACHUSETTS . . . . .	15	3,706	2,325	2,325	-	-	14,208	-	4	-	37,720
WEST SIDE SOUTH CHANNEL . . . . .	4,594	1,803	2,184	2,184	-	15	67,681	-	-	-	340
TOTAL . . . . .	4,609	5,509	4,509	4,509	-	15	82,069	4	-	-	38,060
HARPOON:											
EASTERN MASSACHUSETTS . . . . .	-	-	-	-	-	-	-	-	40,789	-	19,089
SOUTHWEST GEORGES . . . . .	-	-	-	-	-	-	-	-	391,966	-	3,999
NANTUCKET SHOALS AND LIGHTSHIP . . . . .	-	-	-	-	-	-	-	-	74,193	-	-
OFF NO MAN'S LAND . . . . .	-	-	-	-	-	-	-	-	-	-	-
TOTAL . . . . .	-	-	-	-	-	-	-	-	154,948	-	23,082
LONGLINES:											
SOUTHWEST GEORGES . . . . .	-	-	-	-	-	-	-	-	68,514	-	1,652
OFF LONG ISLAND . . . . .	-	-	-	-	-	-	-	-	137,832	-	10,678
TOTAL . . . . .	-	-	-	-	-	-	-	-	206,346	-	12,330
OTTER TRAWLS (ALL SIZES):											
EAST GULF OF ST. LAWRENCE . . . . .	-	-	-	-	-	84,800	-	-	-	-	-
NORTH GULF OF ST. LAWRENCE . . . . .	-	-	-	-	-	2,712,700	-	-	-	-	-
MISMAINE BANK . . . . .	-	-	-	-	-	682,100	-	-	-	-	-
CANSO . . . . .	-	-	-	-	-	24,500	-	-	-	-	-
CANADIAN ISLANDS . . . . .	-	-	-	-	-	170,000	-	-	-	-	-
NORTHEAST SABLE ISLAND BANK . . . . .	-	-	-	-	-	33,900	-	-	-	-	-
HORSESHOE GROUNDS . . . . .	1,000	100	33,900	33,900	-	1,600	-	-	-	-	-
EASTERN NOVA SCOTIA . . . . .	25	294	653,400	653,400	-	1,475	-	-	-	-	-
EMERALD BANK . . . . .	-	-	28,600	28,600	-	-	-	-	-	-	-
EASTERN NOVA SCOTIA . . . . .	-	541	2,349,375	2,349,375	-	1,500	-	-	-	-	-
SOUTHERN NOVA SCOTIA . . . . .	1,400	2,808	529,020	529,020	-	200	-	-	-	-	-
SOUTHERN NOVA SCOTIA . . . . .	300	808	4,492	4,492	-	-	-	-	-	-	-
WESTERN NOVA SCOTIA . . . . .	11,905	5,709	43,770	43,770	-	140,176	-	-	-	-	-
WESTERN NOVA SCOTIA . . . . .	12,525	1,082	52,600	52,600	-	662,540	-	-	-	-	-
SOUTHERN BAY OF FUNDY . . . . .	32,793	3,985	14,600	14,600	-	132,173	-	-	-	-	-
SOUTHERN BAY OF FUNDY . . . . .	1,500	1,427	85,400	85,400	-	127,688	-	-	-	-	-
CENTRAL MAINE . . . . .	59,400	1,427	9,700	9,700	-	51,400	-	-	-	-	-
WESTERN MAINE . . . . .	26,266	6,329	223,313	223,313	-	418,485	-	-	-	-	-

(CONTINUED ON NEXT PAGE)

SEE NOTE AT END OF TABLE.

## LANDINGS AT MASSACHUSETTS PORTS

## SUMMARY OF FISHERY - BY GEAR AND SUBAREA, 1967 - Continued

GEAR AND SUBAREA	HAKE-CONTD.		HALIBUT, DRAWN	MACKEREL, ROUND	MENHADEN, ROUND	OCEAN PEYCH, ROUND	POLLOCK, DRAWN	SCUP OR PORGY, ROUND	SMOKE- FLASK, DRESSED	TILE- FILE, DRESSED	TUNA, ROUND
	POUNDS	WHTLT, DRESSED									
OTTER TRAWLS (ALL SIZES): - CONTD.											
EASTERN MASSACHUSETTS . . . . .	49,906	7,093	6,119	-	193,325	514,435	10,276	-	-	-	-
INNER GROUNDS . . . . .	8,675	488	-	-	16,100	9,950	-	-	-	-	-
WEST SIDE SOUTH CHANNEL . . . . .	106,992	20,596	830	-	633,135	1,212,044	100	-	-	-	-
W. BAY OF MASSACHUSETTS . . . . .	10,564	14,470	-	-	227,565	522,018	-	-	-	-	-
NORTHERN EDGE AND NORTHEAST PEAK . . . . .	16,970	16,970	-	-	12,680	174,784	-	-	-	-	-
CENTRAL AND SOUTHEAST GEORGES . . . . .	11,159	9,157	-	-	12,680	174,784	-	-	-	-	-
SOUTHWEST GEORGES . . . . .	3,500	2,404	-	-	2,572	51,115	-	-	-	-	-
NAUTUCKET SHOALS AND LIGHTSHIP . . . . .	3,000	935	-	-	2,250	19,625	-	-	3,550	-	-
NANTUCKET SHOALS AND LIGHTSHIP . . . . .	200	200	200	-	-	1,045	2,000	-	410	-	-
SOUTHERN MASSACHUSETTS . . . . .	145	-	-	-	-	116	166,956	-	-	1,110	-
OFF LONG ISLAND . . . . .	-	-	-	-	-	200	400	-	-	-	-
TOTAL . . . . .	653,079	87,802	7,149	-	9,253,655	4,880,119	180,892	-	3,960	1,110	-
FLOATING TRAPS											
EASTERN MASSACHUSETTS . . . . .	-	-	448,345	-	-	-	20,300	-	-	-	440
TOTAL . . . . .	-	-	448,345	-	-	-	20,300	-	-	-	440
SINK GILL NETS,											
EASTERN MASSACHUSETTS . . . . .	2,600	411	-	-	-	-	268,990	-	-	-	-
TOTAL . . . . .	2,600	411	-	-	-	-	268,990	-	-	-	-
DRIFT GILL NETS,											
EASTERN MASSACHUSETTS . . . . .	-	-	131,960	-	-	-	-	-	-	-	-
TOTAL . . . . .	-	-	131,960	-	-	-	-	-	-	-	-
PURSE SEINES:											
EASTERN MASSACHUSETTS . . . . .	-	-	3,140,100	-	-	-	-	-	-	-	1,720
OFF NO MAN'S LAND . . . . .	-	-	-	-	-	-	-	-	-	-	369,110
RHODE ISLAND SHORE . . . . .	-	-	1,008,480	-	-	-	-	-	-	-	244,732
OFF LONG ISLAND . . . . .	-	-	-	-	-	-	-	-	-	-	-
TOTAL . . . . .	-	-	4,148,580	-	-	-	-	-	-	-	615,562
POUND NETS:											
EASTERN MASSACHUSETTS . . . . .	-	-	635,153	-	21,000	-	62,128	487,503	-	-	298,100
SOUTHERN MASSACHUSETTS . . . . .	-	-	114,413	-	-	-	698	-	-	-	5,333
TOTAL . . . . .	-	-	749,566	-	21,000	-	62,826	487,503	-	-	303,433
LOBSTER TRAWLS											
NANTUCKET SHOALS AND LIGHTSHIP . . . . .	-	-	-	-	-	-	-	-	-	200	-
TOTAL . . . . .	-	-	-	-	-	-	-	-	-	200	-
GRAND TOTAL . . . . .	663,626	164,907	5,450,558	21,000	9,253,659	5,407,307	668,464	361,294	4,160	992,217	-

(CONTINUED ON NEXT PAGE)

SEE NOTE AT END OF TABLE.

# LANDINGS AT MASSACHUSETTS PORTS

## SUMMARY OF FISHERY - BY GEAR AND SUBAREA, 1967 - Continued

GEAR AND SUBAREA	WHITING		WOLF-FISH, DRAWN	UNCLASSIFIED		OTHER SPECIES	SEA SCALLOP MEATS	TOTAL
	ROUND	DRESSED		FOR FOOD	FOR INDUS-TRIAL USE			
		POUNDS			POUNDS				POUNDS
<b>LINE TRAMLS:</b>								
WESTERN MAINE . . . . .	-	-	1,180	-	-	-	-	40,275
EASTERN MASSACHUSETTS . . . . .	-	-	1,305	-	1,305	-	-	636,559
WEST SIDE SOUTH CHANNEL . . . . .	-	-	5,260	45	625	-	-	150,721
TOTAL . . . . .	-	-	8,190	45	136,505	9,412	-	4,399,897
<b>HANDLINES:</b>								
EASTERN MASSACHUSETTS . . . . .	-	-	10	-	243,910	158,713	-	525,479
WEST SIDE SOUTH CHANNEL . . . . .	-	-	507	-	-	48,932	-	1,597,337
TOTAL . . . . .	-	-	577	-	243,910	204,645	-	2,122,816
<b>HARPOONS:</b>								
EASTERN MASSACHUSETTS . . . . .	-	-	-	-	-	-	-	19,083
COOK'S BAY . . . . .	-	-	-	-	-	162	-	44,950
MANUCCET SHOALS AND LIGHTSHIP . . . . .	-	-	-	-	-	-	-	39,966
OFF NO MAN'S LAND . . . . .	-	-	-	-	-	-	-	74,193
TOTAL . . . . .	-	-	-	-	-	162	-	178,132
<b>LONGLINES:</b>								
SOUTHWEST GEORGES . . . . .	-	-	-	-	-	-	-	70,166
OFF LONG ISLAND . . . . .	-	-	-	-	-	-	-	148,510
TOTAL . . . . .	-	-	-	-	-	-	-	218,676
<b>OTTER TRAMLS (ALL SIZES):</b>								
EMERALD BANK . . . . .	-	-	-	-	-	-	-	84,800
EAST GULF OF ST. LAWRENCE . . . . .	-	-	-	-	-	-	-	2,712,700
NORTH GULF OF ST. LAWRENCE . . . . .	-	-	-	-	-	-	-	681,400
MISMAINE BANK . . . . .	-	-	3,800	-	-	-	-	24,500
CANSO . . . . .	-	-	-	-	-	-	-	40,000
CONNOISSEMENT . . . . .	-	-	-	-	-	-	-	171,500
NORWICH STARBUCK ISLAND BANK . . . . .	-	-	-	-	-	-	-	601,934
HORSESHOE GROUND . . . . .	-	-	425	-	-	-	-	281,600
EASTERN NOVA SCOTIA . . . . .	-	-	2,500	-	-	-	-	2,362,676
EMERALD BANK . . . . .	-	-	375	-	-	-	-	1,340,261
CENTRAL NOVA SCOTIA . . . . .	-	-	7,640	-	3,500	4,955	-	826,766
SOUTHERN NOVA SCOTIA . . . . .	-	-	57,138	-	-	3,790	-	2,006,597
WESTERN BROWNS . . . . .	-	-	10,705	-	-	-	-	1,231,634
WESTERN NOVA SCOTIA . . . . .	-	-	11,050	-	-	-	-	6,146,680
SOUTHERN BAY OF FUNDY . . . . .	-	-	11,540	-	-	-	-	1,514,259
EASTERN MAINE . . . . .	1,200	-	6,115	-	-	500	-	800
CENTRAL MAINE . . . . .	210	-	-	-	-	-	-	1,514,259
WESTERN MAINE . . . . .	1,254,590	19,285	41,921	52,070	79,687	16,905	570	8,217,296
EASTERN MASSACHUSETTS . . . . .	9,781,813	-	97,148	602,550	5,653,508	441,042	-	30,716,873
INNER GROUNDS . . . . .	-	-	523	-	-	1,820	-	231,728

SEE NOTE AT END OF TABLE. (CONTINUED ON NEXT PAGE)

# LANDINGS AT MASSACHUSETTS PORTS

## SUMMARY OF FISHERY - BY GEAR AND SUBAREA, 1967 - Continued

GEAR AND SUBAREA	WHITTING		MOLF-FISH, DRAWN	UNCLASSIFIED		OTHER SPECIES	SEA SCALLOP MEATS	TOTAL
	ROUND	DRESSED		FOR FOOD	FOR INDUS-TRIAL USE			
		POUNDS		POUNDS	POUNDS				POUNDS
OTTER TRAWLS (ALL SIZES): - CONTD.								
WEST SIDE SOUTH CHANNEL . . . . .	24,592,522	821,885	76,020	85,588	1,433,095	242,784	35	61,076,241
NORTHERN EDGE AND NORTHEAST PEAK . . . . .	140,226	400	36,248	2,500	53,384	27,840	-	29,417,849
CENTRAL AND SOUTHEAST GEORGES . . . . .	-	-	20,110	2,650	-	30,710	-	14,901,406
NANTUCKET SHOALS AND LIGHTSHIP . . . . .	-	-	22,152	50	-	92,739	-	30,128,852
SOUTHERN MASSACHUSETTS . . . . .	389,250	-	1,305	-	9,294,467	211,250	-	12,650,777
OFF LONG ISLAND . . . . .	205,100	-	1,865	66,180	18,599,995	54,745	-	23,470,889
TOTAL . . . . .			125	1,640	125,000	11,152	-	2,356,295
FLOATING TRAPS, EASTERN MASSACHUSETTS . . . . .	36,413,815	841,570	398,955	5,893,300	33,382,062	1,510,026	605	282,104,296
TOTAL . . . . .			-	30,375	23,050	5,162	-	527,762
SINK GILL NETS, EASTERN MASSACHUSETTS . . . . .	-	-	-	30,375	23,050	5,162	-	527,762
TOTAL . . . . .			-	900,750	-	458	-	1,564,933
DRIFT GILL NETS, EASTERN MASSACHUSETTS . . . . .	-	-	20	900,750	-	458	-	1,564,933
TOTAL . . . . .			-	2,375	-	170	-	134,505
PURSE SEINES: EASTERN MASSACHUSETTS . . . . .	-	-	-	-	-	8,066,548	-	11,208,368
OFF LONG ISLAND . . . . .	-	-	-	-	26,280	397,390	-	1,038,330
TOTAL . . . . .			-	-	395,420	29,850	-	640,152
SCALLOP DRUGGES: WEST SIDE SOUTH CHANNEL . . . . .	-	-	-	-	423,700	8,096,398	-	13,284,240
NORTHERN EDGE AND NORTHEAST PEAK . . . . .	-	-	-	-	-	5,065	-	15,015
CENTRAL AND SOUTHEAST GEORGES . . . . .	-	-	-	-	-	284,726	-	288,976
NANTUCKET SHOALS AND LIGHTSHIP . . . . .	-	-	-	-	-	654,073	-	670,078
SOUTHERN MASSACHUSETTS . . . . .	-	-	-	-	-	57,924	-	57,924
OFF LONG ISLAND . . . . .	-	-	-	-	-	47,924	-	47,924
TOTAL . . . . .			-	-	-	1,665,624	-	1,665,624
SEA NOTE AT END OF TABLE.			-	-	-	455,445	-	455,445
			-	-	-	5,818	-	6,318
			-	-	-	1,636	-	1,636
			-	-	-	3,681	-	3,681

(CONTINUED ON NEXT PAGE)

LANDINGS AT MASSACHUSETTS PORTS

SUMMARY OF FISHERY - BY GEAR AND SUBAREA, 1967 - Continued

GEAR AND SUBAREA	WHITING			UNCLASSIFIED		OTHER SPECIES POUNDS	SEA SCALLOP HEATS POUNDS	TOTAL POUNDS
	ROUND POUNDS	DRESSED POUNDS	WOLF-FISH, DRAWN POUNDS	FOR FOOD POUNDS	FOR INDUS-TRIAL USE POUNDS			
SCALLOP DREDGES, - CONVD, OFF LONG ISLAND . . . . .	-	-	-	-	-	-	4,128,209	4,143,219
TOTAL . . . . .	-	-	-	-	-	5,055	6,810,112	6,854,092
POUND NETS: EASTERN MASSACHUSETTS . . . . .	1,265	-	-	-	-	937,819	-	1,994,910
SOUTHERN MASSACHUSETTS . . . . .	-	-	-	-	-	964,100	-	1,616,211
TOTAL . . . . .	1,265	-	-	-	-	1,921,979	-	3,551,121
LOBSTER TRAWLS: NORTH CHANNEL . . . . .	-	-	-	-	-	4,366	-	4,366
CENTRAL AND SOUTHEAST GEORGES . . . . .	-	-	-	-	-	139,144	-	149,699
SOUTHWEST GEORGES . . . . .	-	-	-	-	-	546,951	-	556,506
MANITUCKET SHOALS AND LIGHTSHIP . . . . .	-	-	-	-	-	267,673	7,800	339,233
OFF NO MANS LAND . . . . .	-	-	-	-	-	32,770	-	32,770
OFF LONG ISLAND . . . . .	-	-	-	-	-	35,770	-	35,770
TOTAL . . . . .	-	-	-	-	-	996,484	7,800	1,056,344
GRAND TOTAL . . . . .	36,415,100	841,570	407,742	7,213,215	33,628,867	12,750,351	6,818,517	315,027,874

1/ EXCLUSIVE OF DUPLICATION

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; CLSK, DRAWN 1.13; HADDOCK, DRAWN 1.14; WHITE HAKE, DRESSED 1.34; HALIBUT, DRAWN 1.15; POLLOCK, DRAWN 1.13; WHITING, DRESSED 1.08; SEA SCALLOP, DRAWN 1.20. THIS REPORT INCLUDES ALL LANDINGS IN MASSACHUSETTS EXCEPT THE INSHORE CATCH OF SHELLFISH, ETC., (PRINCIPALLY LOBSTERS, CLAMS, IRISH MUSH, SEA MUSSELS, ETC.) OF THE MASSACHUSETTS COAST AND LESSER QUANTITIES OF FINFISH (ALEWIVES, STRIPED BASS, MACKEREL, ETC.). COMPARATIVE DATA ON LANDINGS IN 1966 ACCOUNTED FOR 97.7 PERCENT OF THE MASSACHUSETTS TOTAL. DAYS FISHED OR 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 OPERATES AS A VESSEL IN THE SUBAREA. OCCASIONAL AFTER THE NAME OF SUBAREA. THIS CHART CONTRIBUTING TO THE CATCH AS SHOWN FISHED CHIEFLY WITH ANOTHER TYPE OF GEAR. DAYS FISHED IS THE TIME ACTUAL FISHING OPERATIONS WERE CARRIED ON, EXPRESSED TO 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, 1967 - Continued

AREA AND SUBAREA	FLOUNDERS, ROUND - CONTINUED					HADDOCK, DRAWN			HAKE	
	FLUKE POUNDS	GRAY SOLE POUNDS	LEMON SOLE POUNDS	YELLOW- TAIL POUNDS	LARGE POUNDS	SCROD POUNDS	SNAPPER POUNDS	RED ROUND POUNDS	WHITE,	DRESSED
									LARGE POUNDS	MEDIUM POUNDS
OFF NOVA SCOTIA (AREA XXI):										
EASTERN NOVA SCOTIA . . . . .	-	590	-	-	875	625	-	-	-	1,000
CENTRAL NOVA SCOTIA . . . . .	-	350	-	-	1,475	1,975	-	-	225	1,000
EASTERN BROWNS AND LAHAVÉ . . . . .	-	1,575	-	1,845	286,265	179,100	-	-	130	1,400
SOUTHERN NOVA SCOTIA . . . . .	-	21,153	-	25,569	969,695	1,695,930	-	-	2,117	11,800
WESTERN NOVA SCOTIA . . . . .	-	20,373	-	4,475	157,430	708,935	13,600	-	10,355	12,525
SOUTHERN BAY OF FUNDY . . . . .	-	22,743	-	3,725	169,130	665,153	-	-	5,683	32,733
NORTHERN BAY OF FUNDY . . . . .	-	134,370	-	24,600	766,205	3,242,070	-	-	15,355	176,650
TOTAL . . . . .	-	202,129	3,900	61,113	2,403,200	7,274,877	13,600	-	33,827	236,498
NEW ENGLAND (AREA XXI1):										
CENTRAL MAINE . . . . .	-	67,993	-	3,950	163,027	728,188	-	-	21,500	36,490
WESTERN MAINE . . . . .	-	32,205	-	1,088	31,325	19,150	-	-	6,025	6,650
EASTERN MASSACHUSETTS . . . . .	2,450	489,276	1,068	27,203	565,264	1,654,336	-	7,935	40,694	57,091
WEST SIDE SOUTH CHANNEL . . . . .	-	87,544	4,765	1,672,725	1,064,803	2,091,885	500	195,750	1,825	9,875
EAST SIDE SOUTH CHANNEL . . . . .	20,035	798,185	136,223	1,469,765	7,686,626	11,589,165	6,350	54,890	75,214	132,574
NORTHERN EDGE AND NORTHEAST PEAK . . . . .	-	1,235,131	414,677	1,391,146	7,491,409	9,316,338	4,000	580	54,516	101,224
CENTRAL AND SOUTHEAST GEORGES . . . . .	-	143,455	41,560	328,559	2,536,650	7,561,470	33,640	950	21,230	68,953
SOUTHERN GEORGES . . . . .	1,525	61,617	965,956	6,385,933	4,101,937	9,394,366	20,271	-	3,500	31,000
MANTUCKET SHOALS AND LIGHTSHIP . . . . .	148,620	264,845	200,688	12,803,040	1,077,590	1,694,039	-	-	540	3,000
OFF NO WAIS LAND . . . . .	18,373	44,320	1,155	4,089,738	13,170	1,525	-	-	4,362	-
SOUTHERN MASSACHUSETTS . . . . .	120,535	3,140	24,170	146,185	5,340	11,700	-	-	1,150	-
RHODE ISLAND SHORE . . . . .	65	8,960	155	1,233,390	5,225	375	-	-	-	-
TOTAL . . . . .	313,244	4,543,146	1,533,966	40,172,677	27,364,659	46,872,246	64,761	259,030	261,295	447,188
OFF MIDDLE ATLANTIC (AREA XXI11):										
OFF LONG ISLAND . . . . .	112,310	28,915	-	6,202,440	7,275	20,920	-	-	-	-
GRAND TOTAL . . . . .	425,554	4,774,190	1,537,866	46,436,430	29,775,334	54,167,643	78,361	259,030	295,122	683,626

(CONTINUED ON NEXT PAGE)

SEE NOTE ON PAGE 131.

## LANDINGS AT MASSACHUSETTS PORTS

## SUMMARY OF FISHERY - BY AREA AND SUBAREA, 1967 - Continued

AREA AND SUBAREA	HALIBUT, DRAWN	MACKEREL, ROUND	MENHADEN, ROUND	OCEAN PERCH, ROUND	POLLOCK, DRAWN	SCUP OR PORGY, ROUND	SWORDFISH, DRESSED	TILE- FISH, DRAWN	TUNA, ROUND
	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
GULF OF ST. LAWRENCE (AREA XI(X));	-	-	-	2,712,700	-	-	-	-	-
EAST GULF OF ST. LAWRENCE . . . . .	-	-	-	652,100	-	-	-	-	-
NORTH GULF OF ST. LAWRENCE . . . . .	-	-	-	-	-	-	-	-	-
TOTAL . . . . .	-	-	-	3,394,800	-	-	-	-	-
OFF GRAND BANK (AREA XX)	-	-	-	84,800	-	-	-	-	-
ST. PIERRE BANK . . . . .	-	-	-	-	-	-	-	-	-
OFF NOVA SCOTIA (AREA XXI):	-	-	-	-	-	-	-	-	-
MISINE BANK . . . . .	-	-	-	59,600	-	-	-	-	-
NANTUCKET . . . . .	-	-	-	24,500	-	-	-	-	-
MIDDLE GROUND . . . . .	-	-	-	40,000	-	-	-	-	-
NORTHEAST SABLE ISLAND BANK . . . . .	-	-	-	171,500	-	-	-	-	-
HORSESHOE GROUND . . . . .	100	-	-	33,900	1,600	-	-	-	-
EASTERN NOVA SCOTIA . . . . .	294	-	-	693,400	475	-	-	-	-
CENTRAL NOVA SCOTIA . . . . .	541	-	-	2,349,575	1,500	-	-	-	-
EASTERN BROWNS AND LAHAVE . . . . .	2,356	-	-	529,020	34,470	-	-	-	-
SOUTHERN NOVA SCOTIA . . . . .	608	-	-	4,492	4,492	-	-	-	-
WESTERN BROWNS . . . . .	5,709	-	-	43,770	140,176	-	-	-	-
NANTUCKET . . . . .	1,382	-	-	14,600	62,179	-	-	-	-
SOUTHERN BAY OF FUNDY . . . . .	3,850	-	-	52,180	137,960	-	-	-	-
NORTHERN BAY OF FUNDY . . . . .	3,850	-	-	52,180	137,960	-	-	-	-
TOTAL . . . . .	15,165	-	-	4,269,995	1,015,366	-	-	-	-
NEW ENGLAND (AREA XXI):	-	-	-	-	-	-	-	-	-
EASTERN MAINE . . . . .	1,457	-	-	85,460	92,768	-	-	-	-
WESTERN MAINE . . . . .	6,329	-	-	9,700	5,400	-	-	-	-
EASTERN MASSACHUSETTS . . . . .	6,329	-	-	223,313	419,335	-	-	-	-
WESTERN MASSACHUSETTS . . . . .	6,714	4,364,002	-	193,325	880,256	10,276	-	357,063	-
INNER GROUNDS . . . . .	76,004	3,463	-	16,100	19,075	169	-	340	-
WEST SIDE SOUTH CHANNEL . . . . .	1,404	-	-	933,549	1,355,938	-	-	-	-
NANTUCKET . . . . .	8,904	-	-	4,400	10,000	-	-	-	-
NORTHERN EDGE AND NORTHEAST PEAK . . . . .	8,904	-	-	97,980	844,774	-	-	-	-
CENTRAL AND SOUTHEAST GEORGES . . . . .	9,157	-	-	173,680	173,173	-	-	-	-
SOUTHWEST GEORGES . . . . .	2,404	-	-	51,115	12,660	-	109,303	5,651	-
NANTUCKET SHOALS AND LIGHTSHIP . . . . .	933	200	-	2,572	4,492	2,000	39,966	3,750	399,110
SOUTHWEST GEORGES . . . . .	1,149	114,413	21,000	2,250	19,025	654,439	74,193	410	4,643
SOUTHERN MASSACHUSETTS . . . . .	-	1,008,480	-	-	-	115	-	-	-
RHODE ISLAND SHORE . . . . .	-	-	-	-	-	-	-	-	-
TOTAL . . . . .	149,742	5,490,558	21,000	1,504,094	4,395,721	666,064	223,462	4,160	736,807
OFF MIDDLE ATLANTIC (AREA XXI(II))	-	-	-	-	-	400	-	-	255,410
OFF LONG ISLAND . . . . .	-	-	-	-	200	-	-	-	-
GRAND TOTAL . . . . .	164,907	5,490,558	21,000	9,253,689	5,401,307	668,464	361,294	4,160	992,217

(CONTINUED ON NEXT PAGE)

SEE NOTE ON PAGE 131.

LANDINGS AT MASSACHUSETTS PORTS  
SUMMARY OF FISHERY - BY AREA AND SUBAREA, 1967 - Continued

AREA AND SUBAREA	WHITING		WOLF- DRAWN	UNCLASSIFIED		OTHER SPECIES	SEA SCALLOP MEATS	TOTAL
	ROUND	DRESSED		FOR FOOD	FOR INDUS- TRIAL USE			
		POUNDS			POUNDS			
GULF OF ST. LAWRENCE (AREA XIX):								
EAST GULF OF ST. LAWRENCE . . . . .	-	-	-	-	-	-	-	2,715,700
NORTH GULF OF ST. LAWRENCE . . . . .	-	-	-	-	-	-	-	685,100
TOTAL . . . . .	-	-	-	-	-	-	-	3,394,800
OFF GRAND BANK (AREA XX):								
ST. PIERRE BANK . . . . .	-	-	-	-	-	-	-	84,600
OFF NOVA SCOTIA (AREA XXI):								
MISANE BANK . . . . .	-	-	-	3,800	-	-	-	53,400
CANSO . . . . .	-	-	-	-	-	-	-	46,500
MIDDLE GROUND . . . . .	-	-	-	-	-	-	-	40,000
NEW BRUNSWICK ISLAND BANK . . . . .	-	-	-	-	-	-	-	171,500
HORSHEGE GROUND . . . . .	-	-	-	-	-	-	-	43,350
EASTERN NOVA SCOTIA . . . . .	-	-	425	-	-	-	-	650,924
EMERALD BANK . . . . .	-	-	-	-	-	-	-	2,351,600
CENTRAL NOVA SCOTIA . . . . .	-	-	375	3,500	-	-	-	1,340,261
EAST BROWNS AND LAHAVE . . . . .	-	-	7,640	-	4,955	-	-	825,766
SOUTHERN NOVA SCOTIA . . . . .	-	-	4,050	-	-	-	-	3,942,216
WESTERN BROWNS . . . . .	-	-	17,708	-	3,790	-	-	2,008,397
WESTERN NOVA SCOTIA . . . . .	-	-	10,708	-	-	-	-	1,511,634
SOUTHERN BAY OF FUNDY . . . . .	-	-	11,050	-	-	-	-	6,146,580
NORTHERN BAY OF FUNDY . . . . .	1,200	-	11,540	-	500	-	-	-
TOTAL . . . . .	1,200	-	95,423	7,300	-	9,245	-	16,950,904
NEW ENGLAND (AREA XXII):								
EASTERN MAINE . . . . .	-	-	6,115	-	-	-	-	1,514,250
WESTERN MAINE . . . . .	210	-	41,921	-	800	-	-	1,193,207
EASTERN MASSACHUSETTS . . . . .	1,254,590	-	98,358	79,687	52,070	16,803	-	8,257,551
WESTERN MASSACHUSETTS . . . . .	9,783,098	19,285	6,966,690	6,966,690	625,610	9,616,272	8,920	47,283,457
INNER GROUNDS . . . . .	-	-	2,500	85	1,850	1,850	-	402,449
WEST SIDE SOUTH CHANNEL . . . . .	24,582,522	821,885	61,647	85,665	1,433,095	2,500	264,741	66,539,262
EAST SIDE SOUTH CHANNEL . . . . .	1,402,230	400	35,246	2,500	53,594	371,640	654,074	2,500,000
EAST SIDE SOUTH CHANNEL EAST BEAN . . . . .	-	-	20,110	2,650	-	30,710	-	14,949,350
CENTRAL AND SOUTHEAST GEORGES . . . . .	-	-	22,152	2,500	-	47,924	-	14,949,350
SOUTHWEST GEORGES . . . . .	-	-	1,305	50	-	231,883	524,446	30,603,157
NANTUCKET SHOALS AND LIGHTSHIP . . . . .	389,250	-	1,865	65,180	9,200,457	760,373	685,624	14,039,673
OFF NO MAN'S LAND . . . . .	265,000	-	1,865	65,180	18,629,215	623,164	463,246	34,437,299
OFF NANTUCKET SHOALS . . . . .	-	-	1,865	65,180	125,600	1,521,303	51,526	3,924,303
RHOEE ISLAND SHORE . . . . .	-	-	1,225	1,840	-	997,312	-	3,924,303
TOTAL . . . . .	36,413,900	841,570	312,319	7,205,915	31,956,537	12,650,871	2,690,308	279,927,844
OFF MIDDLE ATLANTIC (AREA XXIII):								
OFF LONG ISLAND . . . . .	-	-	-	-	2,432,330	90,435	-	4,126,209
GRAND TOTAL . . . . .	36,413,900	841,570	407,742	7,213,215	33,828,867	12,750,551	6,816,517	316,026,874

SEE NOTE ON PAGE 131.

## SECTION 3 - MIDDLE ATLANTIC FISHERIES

Commercial landings of fish and shellfish in the Middle Atlantic States (New York, New Jersey, and Delaware) were 162.1 million pounds worth \$23.6 million--a decline of 5.8 million pounds (4 percent) but an increase of \$2 million (9 percent) compared with 1966. The catch was the second smallest on record. The principal gains were in the menhaden, tuna, and whiting fisheries. The principal declines were in the alewife, sea herring, sea clam, sea scallop, and industrial fisheries.

New Jersey retained the lead in volume of landings with 76 percent, followed by New York with 23 percent and Delaware with 1 percent.

Higher prices received by the thriving hard clam fishery placed New York ahead in value with 53 percent, followed by New Jersey with 46 percent, and Delaware, 1 percent.

Fishermen and vessels. The Middle Atlantic States had 8,411 commercial fishermen--275 less than in 1966. The principal decline was in New York and was caused by no purse seining there, a decline in otter trawling, and a sharp reduction in the bay scallop fishery.

Commercial fishing craft consisted of 551 vessels (5 net tons or more), 4,464 motor boats, and 328 other boats--a decrease of 14 vessels, but a gain of 288 motor boats and 1 other boat. The entire increase in motor boats occurred in New York as fishermen entered the lucrative hard clam fishery.

Menhaden. Landings of 46.5 million pounds of menhaden more than doubled the production of the previous year. The fishery was concentrated in New Jersey; only 642,000 pounds were taken in New York, and none in Delaware. As recently as 5 years ago, however, all three States had a thriving fishery with a catch of nearly 800 million pounds.

Menhaden landings did not increase sufficiently in 1967 to enable reduction plant owners to use the entire fleet. The fishery still could not support all the available vessels. Only two plants operated, and the quantity of menhaden did not warrant the services of more than six vessels per plant--in contrast to six plants using a dozen vessels apiece when the fish were abundant in the past. The two plants that operated also used other industrial species to bolster their production.

Industrial fishery. Landings of industrial fish other than menhaden were 7.8 million pounds--a decrease of 63 percent compared with the previous year. The decline in the industrial catch has not been fully understood although Russian trawlers have been observed just offshore taking large quantities of sea robin, the principal species used in the industrial fishery. The fishery was confined to New Jersey where landings were processed at two menhaden plants. Many otter trawl operators now participate in this fishery, which supplies much needed fish for the reduction plants and also provides a source of income to fishermen during June through September when food fish are usually scarce.

Sea herring. Landings of nearly 200,000 pounds of sea herring were 6.5 million pounds less than in 1966. The decline was principally caused by the closure of the Long Island reduction plant that previously handled these fish. It is possible that the industrial fishery in New Jersey soon may try to use sea herring. During the year, local otter trawl operators experimented with a midwater trawl, primarily for use in catching sea herring, which they expect to sell to industrial fishery plants.

Scup. Scup landings of 7.3 million pounds declined 1.1 million compared with the previous year and were far less than the record 26.6 million pounds taken in 1960. So far no explanation is available to account for the decline of this once thriving fishery--now on a downward trend for the 7th consecutive year. Scup, when plentiful, is a comparatively low-priced fish, but under present conditions the average price per pound has increased from 14.6 cents in 1966 to a record 17.4 cents in 1967. Most of the fish taken in 1967 were small.

Fluke. Landings of fluke were 5 million pounds--1.3 million (21 percent) less than in the previous year, and the lowest production since 1943. Poor year classes were evident throughout 1967, when the sizes caught were mainly jumbo and large, with very few medium, and practically no small fish. Little knowledge is available on which to manage this species.

# MIDDLE ATLANTIC FISHERIES

Tuna. Record landings of 2.9 million pounds were 2.4 million greater than in the previous year. All but 59,000 pounds was taken by purse seines.

In 1963, purse seiners first started fishing New Jersey waters for tuna and since then have returned each year during June, July, and August. In 1966, the four returning seiners landed only 501,200 pounds of tuna and left at the end of July. Large schools of tuna appeared during August. In 1967, however, the same fleet remained to the end of August and made the record catch of 2.9 million pounds.

Whiting. Whiting landings of 9.5 million pounds worth \$498,000 were 3 million pounds and \$154,000 more than in 1966. Interest in whiting has increased in the past few years, and production is generally limited by local market outlets.

Whiting are the most important fish for the New Jersey "day boat" otter trawlers during the winter and spring, as few other species are available in quantity at this time of the year. In 1967, the New York boats landed good catches of whiting at Brooklyn during the fall.

Striped bass. Landings of striped bass were a record 2 million pounds--slightly greater than the production in 1964, the former record year. The fish were abundant, in large schools. The fall run was about 1 month late migrating down the coast, and New York ocean haul seiners had a long season lasting into the late fall. The extended season accounted largely for the record harvest.

Hard blue crabs. Landings of 752,000 pounds were about 500,000 pounds (40 percent) less than in 1966. The decline was caused by an acute shortage of crabs in Delaware Bay during the usual months of peak production. Many crabbers took their gear ashore before the end of the usual fishing season; some fished a minimum number of gear; and others tried coastal bays and sounds. Production finally improved considerably in Delaware Bay during September, but by this time most crabbers were not using all their gear.

A dispute arose in Delaware between crab-dredge and crab-pot fishermen. The dredgers wanted a 1-week extension of the winter crab dredging season which, up to that time, had been extremely unsuccessful. State officials were willing to extend the season, but the crab potters objected. They wanted the law enforced without any change--so no extension was allowed. The law also provides that each crab pot boat may use only 150 pots at a time. This rule, sometimes overlooked, was strictly enforced in 1967 and tended to limit the landings.

Surf clams. Landings of 43.9 million pounds of surf clam meats were 1.1 million less than the record production of 1966. The decline was caused by a labor-management dispute that caused the loss of about 2-1/2 months of fishing days. The 1967 landings could have surpassed the harvest of the previous year if the disagreement had been averted.

The value of the landings was a record \$4.2 million--a gain of \$379,000 (10 percent) compared with a year earlier.

The increasing consumer acceptance of surf clam products has encouraged the industry to intensify fishing effort and to improve gear. In 1967, about 19 additional vessels entered the surf clam fishery.

Hard clams. Landings of 10.2 million pounds of hard clam meats were 723,000 pounds (8 percent) more than in 1966. Production increased for the 5th consecutive year and was the greatest since 1951. Nearly 50 percent of the landings came from the Great South Bay area of Long Island, N.Y. The value, \$8.5 million, was 36 percent of the total value of landings in the Middle Atlantic States.

Oysters. Landings of 1.2 million pounds of oyster meats increased 273,000 pounds (30 percent) compared with the previous year, but the value, \$1.2 million, remained about the same. The average price per pound declined from \$1.27 in 1956 to 98 cents in 1967. The New Jersey production was 86 percent of the volume and 79 percent of the value of the Middle Atlantic oyster harvest.

# MIDDLE ATLANTIC FISHERIES

Consumer demand was only moderate because of the poor quality of spring and early fall oysters and the abundance of supplies available from southern States. The late fall season, however, proved to be the best in many years--oysters were of good quality and therefore in demand. Planters who had not harvested their oysters in the previous year contributed heavily to the total production.

On Long Island, efforts to produce oysters from seed raised in "greenhouses" continued, but the mortality was still very high. Experiments were also being made to produce a disease-resistant (MSX) stock for planting in local waters.

Bay scallops. Landings of 248,000 pounds of bay scallop meats were 244,000 pounds less than in 1966, and the smallest harvest since 1959. Production in New Jersey was heaviest in the spring. In New York, however, the fall yield from Great South Bay accounted for 80 percent of the State landings. Only a small amount of New Jersey shell stock was shipped to New York for shucking.

The value of bay scallop landings was \$258,000--a decline of 37 percent compared with the previous year. However, the average price per pound increased to \$1.04 in 1967 from 83 cents in 1966--principally because of the small supply available.

Sea scallops. Landings of 1.6 million pounds of sea scallop meats worth \$1.2 million were 943,000 pounds and \$12,000 less than in 1966.

The Middle Atlantic sea scallop grounds were the principal source of supply for the New England scallop fleet. Sea scallop landings declined, however, at Middle Atlantic ports in 1967, because fewer New England vessels landed there than in the previous year. Middle Atlantic fishermen do not pursue the local offshore sea scallop fishery.

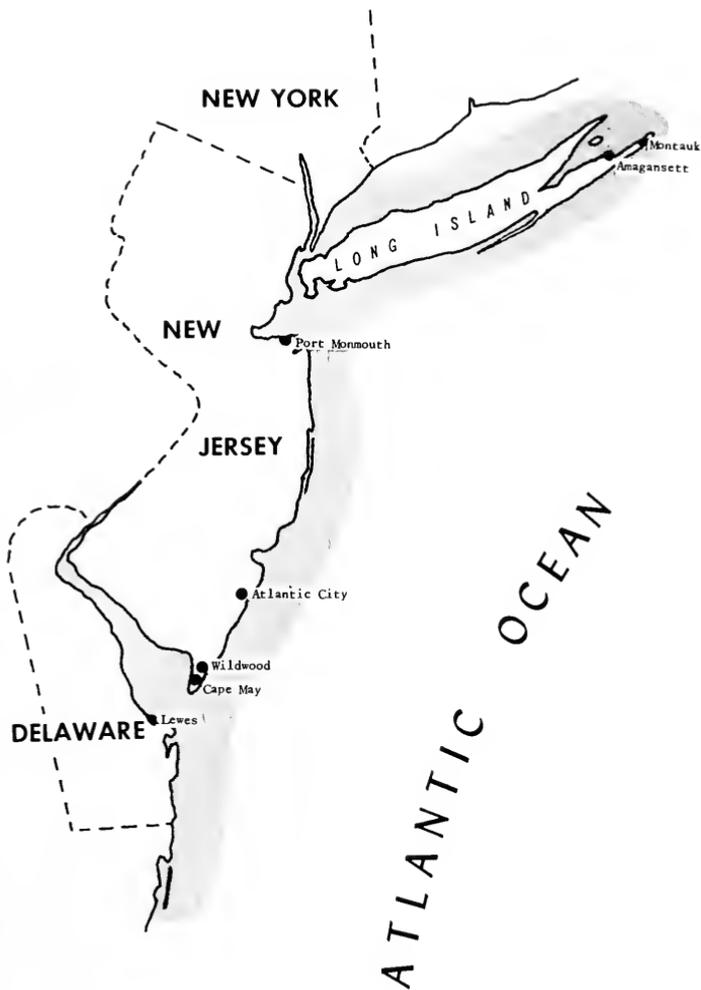
Fulton Market, New York City. Receipts of fresh and frozen fish and shellfish at Fulton Fish Market were 159.8 million pounds--4 percent less than in the previous year. Fish receipts of 121.8 million pounds declined 5.5 million; shellfish receipts, 38 million, declined 1.3 million pounds. Receipts of scup (7.7 million pounds), yellowtail flounders (4.3 million pounds), and sea scallops (2.6 million pounds) were 24, 25, and 30 percent less, respectively, than in 1966.

New York District imports. Imports recorded by the New York Customs District declined from 253 million pounds in 1966 to 243 million pounds in 1967. Changes in principal commodity categories were: frozen fish and shellfish, up 11 million pounds; canned fish and shellfish, down 12 million; cured products, down 9 million; byproducts, down 1 million; and miscellaneous items, up 1 million. Major changes in individual items were: frozen shrimp, up 6 million pounds; canned sardines, down 3 million; canned tuna, down 3 million; and cured herring, down 8 million.

Other information--Condensed summary data on the operating units and landings, by States, appearing on the following pages have been previously published in Current Fishery Statistics No. 4827. Additional data may be found in the New York and New Jersey monthly and annual landing bulletins published in the Current Fishery Statistics series by the Branch of Fishery Statistics in cooperation with the respective States. Information on daily, monthly, and annual production of fishery products in selected areas of these States is available in reports published by the Bureau's Fishery Market News Service at New York City.

Acknowledgments--The following organizations helped collect the data appearing in this section: New York Conservation Department, Marine Fisheries Division, and Division of Fish and Game; New Jersey Conservation Department, Division of Fish and Game, New Jersey Shellfish Commission; State of Delaware, Commission of Shellfisheries.

# MIDDLE ATLANTIC FISHERIES



MIDDLE ATLANTIC STATES

## MIDDLE ATLANTIC FISHERIES

## SECTIONAL SUMMARIES

## SUMMARY OF LANDINGS, 1967

(MILLIONS OF POUNDS AND MILLIONS OF DOLLARS)

STATE	FISH		SHELLFISH, ETC.		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
NEW YORK . . . . .	24	3	13	10	37	13
NEW JERSEY . . . . .	76	4	48	7	124	11
DELAWARE . . . . .	(1)	(1)	1	(1)	1	(1)
TOTAL . . . . .	100	7	62	17	162	24

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

## SUMMARY OF OPERATING UNITS, 1967

ITEM	NEW YORK	NEW JERSEY	DELAWARE	TOTAL, EXCLU- SIVE OF DUPLI- CATION
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS . . . . .	798	1,796	23	2,336
ON BOATS AND SHORE:				
REGULAR . . . . .	1,111	585	101	1,797
CASUAL . . . . .	2,928	1,029	321	4,278
TOTAL . . . . .	4,837	3,410	445	8,411
VESSELS, MOTOR . . . . .	236	353	6	551
GROSS TONNAGE . . . . .	9,692	20,664	170	26,742
BOATS:				
MOTOR . . . . .	2,918	1,337	212	4,464
OTHER . . . . .	142	187	-	328
GEAR:				
HAUL SEINES, COMMON . . . . .	36	17	1	54
LENGTH, YARDS . . . . .	8,628	2,288	10	10,926
PURSE SEINES:				
MENHADEN . . . . .	-	15	-	15
LENGTH, YARDS . . . . .	-	5,715	-	5,715
TUNA . . . . .	-	4	-	4
LENGTH, YARDS . . . . .	-	2,900	-	2,900
OTHER . . . . .	-	4	-	4
LENGTH, YARDS . . . . .	-	1,450	-	1,450
OTTER TRAWLS:				
FISH . . . . .	158	143	-	283
YARDS AT MOUTH . . . . .	3,698	3,504	-	6,692
LOBSTER . . . . .	13	38	-	49
YARDS AT MOUTH . . . . .	377	1,053	-	1,375
WEIRS . . . . .	-	6	-	6
POUND NETS, FISH . . . . .	82	20	-	102
FYKE AND HOOP NETS:				
FISH . . . . .	64	55	34	153
TURTLE . . . . .	-	-	19	19
POTS AND TRAPS:				
CONCH . . . . .	175	-	-	175
CRAB . . . . .	-	3,512	1,685	5,197
EEL . . . . .	504	862	50	1,416
FISH . . . . .	1,400	14,360	-	15,760
LOBSTER . . . . .	14,547	3,250	-	17,797
TURTLE . . . . .	-	145	-	145
GILL NETS:				
ANCHOR, SET OR STAKE . . . . .	37	52	37	126
SQUARE YARDS . . . . .	63,271	77,279	42,650	183,200
DRIFT:				
SHAD . . . . .	24	13	4	41
SQUARE YARDS . . . . .	79,082	22,227	1,900	103,209
OTHER . . . . .	-	43	6	49
SQUARE YARDS . . . . .	-	326,265	34,400	360,665
RUNAROUND . . . . .	11	34	-	45
SQUARE YARDS . . . . .	14,800	256,166	-	270,966
LINES:				
HAND . . . . .	905	64	-	969
HOOKS . . . . .	1,200	64	-	1,264
TROLL . . . . .	-	18	-	18
HOOKS . . . . .	-	18	-	18
LONG OR SET WITH HOOKS . . . . .	21	8	-	28
HOOKS . . . . .	13,500	16,850	-	28,350

(CONTINUED ON NEXT PAGE)

# MIDDLE ATLANTIC FISHERIES

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## SUMMARY OF OPERATING UNITS, 1967 - Continued

ITEM	NEW YORK	NEW JERSEY	DELAWARE	TOTAL, EXCLU- SIVE OF DUPLI- CATION
	NUMBER	NUMBER	NUMBER	NUMBER
GEAR - CONTINUED:				
SPEARS . . . . .	10	-	-	10
DREDGES:				
CLAM . . . . .	50	121	8	176
YARDS AT MOUTH . . . . .	46	145	16	207
CONCH . . . . .	-	5	-	5
YARDS AT MOUTH . . . . .	-	15	-	15
CRAB . . . . .	-	17	4	21
YARDS AT MOUTH . . . . .	-	26	8	34
OYSTER, COMMON . . . . .	13	51	7	71
YARDS AT MOUTH . . . . .	19	51	9	79
SCALLOP:				
BAY . . . . .	442	115	-	557
YARDS AT MOUTH . . . . .	442	96	-	538
SEA . . . . .	36	67	-	71
YARDS AT MOUTH . . . . .	131	256	-	275
TONGS:				
OYSTER . . . . .	4	85	3	92
OTHER . . . . .	1,790	977	120	2,687
RAKES . . . . .	1,660	633	216	2,509
HDS. . . . .	-	42	-	42

## LANDINGS BY STATES, 1967

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	NEW YORK		NEW JERSEY		DELAWARE		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
FISH								
ALEWIVES . . . . .	4	(1)	9	(1)	-	-	13	(1)
ANGLEFISH . . . . .	28	1	1	-	-	-	29	1
BLUEFISH . . . . .	550	87	502	82	(1)	(1)	1,052	169
BONITO . . . . .	6	(1)	8	1	-	-	14	1
BULLHEADS . . . . .	(1)	(1)	-	-	-	-	(1)	(1)
BUTTERFISH . . . . .	1,120	123	1,312	122	-	-	2,432	245
CARP . . . . .	9	(1)	113	7	3	(1)	125	7
CATFISH . . . . .	9	1	6	1	-	-	15	2
COD . . . . .	457	63	52	7	-	-	509	70
DRUM, BLACK	-	-	7	(1)	-	-	7	(1)
EELS:								
COMMON . . . . .	147	31	177	33	32	5	356	69
CONGER . . . . .	3	(1)	1	(1)	-	-	4	(1)
FLOUNDERS:								
BLACKBACK . . . . .	2,931	167	366	16	19	1	3,316	184
FLUKE . . . . .	1,964	487	3,065	818	-	-	4,999	1,305
GRAY SOLE . . . . .	8	1	56	4	-	-	64	5
LEMON SOLE . . . . .	8	1	-	-	-	-	8	1
YELLOWTAIL . . . . .	5,464	464	39	2	-	-	5,503	466
TOTAL FLOUNDERS . . . . .	10,375	1,120	3,496	840	19	1	13,890	1,961
GRUNTS . . . . .	-	-	3	(1)	-	-	3	(1)
HADDOCK . . . . .	26	2	(1)	(1)	-	-	26	2
HAKE:								
RED . . . . .	520	25	730	28	-	-	1,250	53
WHITE . . . . .	(1)	(1)	34	2	-	-	34	2
HERRING, SEA . . . . .	147	8	52	2	-	-	199	10
KING WHITING OR "KINGFISH"	9	2	8	1	-	-	17	3
MACKEREL:								
ATLANTIC . . . . .	360	26	401	40	31	4	792	70
SPANISH . . . . .	-	-	(1)	(1)	-	-	(1)	(1)
MENHADEN . . . . .	642	27	45,896	644	-	-	46,538	671
MULLET, BLACK . . . . .	-	-	31	6	-	-	31	6
POLLOCK . . . . .	2	(1)	2	(1)	-	-	4	(1)
SCUP OR PORGY . . . . .	3,288	640	4,019	632	-	-	7,307	1,272
SEA BASS . . . . .	110	36	816	192	-	-	926	228
SEA ROBIN . . . . .	64	3	-	-	-	-	64	3
SEA TROUT OR WEAKFISH, GRAY	30	6	456	26	8	1	494	35
SHAD . . . . .	113	16	248	31	26	5	387	54
SHARKS:								
GRAYFISH . . . . .	196	1	9	(1)	-	-	196	1
UNCLASSIFIED . . . . .	1	(1)	4	(1)	-	-	5	(1)
TOTAL SHARKS . . . . .	197	9	4	(1)	-	-	201	9

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

# MIDDLE ATLANTIC FISHERIES

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## LANDINGS BY STATES, 1967 - 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								
SILVERSIDES . . . . .	145	26	-	-	-	-	145	26
SKATES . . . . .	11	(1)	-	-	-	-	11	(1)
SPOT . . . . .	-	-	(1)	(1)	-	-	(1)	(1)
STRIPED BASS . . . . .	1,630	306	327	74	66	12	2,023	392
STURGEON, COMMON	12	2	9	1	-	-	21	3
SUCKERS . . . . .	(1)	(1)	-	-	-	-	(1)	(1)
SWELLFISH . . . . .	70	4	4	(1)	-	-	74	4
SWORDFISH . . . . .	2	1	257	86	-	-	259	87
TAUTOG . . . . .	81	4	19	1	-	-	100	5
TILEFISH . . . . .	18	2	18	3	-	-	36	5
TUNA:								
BLUEFIN . . . . .	3	1	2,916	221	-	-	2,919	222
LITTLE . . . . .	14	1	1	(1)	-	-	15	1
TOTAL TUNA . . . . .	17	2	2,917	221	-	-	2,934	223
WHITE PERCH . . . . .								
WHITING . . . . .	62	14	120	22	21	2	223	38
UNCLASSIFIED:	3,665	212	5,654	266	1	(1)	9,540	496
FOR FOOD	295	30	13	1	-	-	308	31
BAIT, REDUCTION, AND ANI- MAL FOOD . . . . .	-	-	7,799	74	8	(1)	7,807	74
TOTAL FISH . . . . .	24,464	2,831	75,521	3,468	215	30	100,200	6,329
SHELLFISH, ETC.								
CRABS:								
BLUE:								
HARD . . . . .	-	-	464	60	268	34	752	94
SOFT AND PEELER . . . . .	-	-	5	1	-	-	5	1
ROCK . . . . .	-	-	32	1	-	-	32	1
TOTAL CRABS . . . . .	-	-	501	62	268	34	769	96
HORSESHOE CRAB . . . . .								
LOBSTERS, NORTHERN . . . . .	-	-	56	(1)	-	-	56	(1)
CLAMS:	679	836	660	628	-	-	1,759	1,464
HARD:								
PUBLIC . . . . .	4,404	4,777	2,677	1,292	258	138	7,539	6,207
PRIVATE . . . . .	2,662	2,313	1	(1)	41	17	2,704	2,330
RAZOR . . . . .	16	5	-	-	-	-	16	5
SOFT, PUBLIC . . . . .	265	91	106	45	-	-	373	136
SURF . . . . .	2,305	190	41,584	4,051	-	-	43,889	4,241
TOTAL CLAMS . . . . .	9,652	7,376	44,570	5,368	299	155	54,521	12,919
CONCHS . . . . .								
MUSSELS, SEA . . . . .	76	19	137	23	-	-	215	42
OYSTERS, MARKET:	28	8	-	-	-	-	28	8
PUBLIC:								
SPRING . . . . .	1	2	32	34	-	-	33	36
FALL . . . . .	2	3	40	36	-	-	42	39
PRIVATE:	38	79	25	31	-	-	63	110
SPRING . . . . .	61	124	930	816	61	40	1,052	980
FALL . . . . .	-	-	-	-	-	-	-	-
TOTAL OYSTERS . . . . .	102	208	1,027	917	61	40	1,190	1,165
SCALLOPS:								
BAY . . . . .	162	218	86	40	-	-	248	258
SEA . . . . .	1,372	1,029	213	145	-	-	1,585	1,174
TOTAL SCALLOPS . . . . .	1,534	1,247	299	185	-	-	1,833	1,432
SQUID . . . . .								
TERRAPIN . . . . .	772	58	621	33	-	-	1,393	91
TURTLES:	-	-	3	1	-	-	3	1
LOGGERHEAD . . . . .	-	-	(1)	(1)	-	-	(1)	(1)
SNAPPER . . . . .	-	-	72	11	2	(1)	74	11
UNCLASSIFIED . . . . .	-	-	1	(1)	-	-	1	(1)
TOTAL SHELLFISH, ETC..	13,045	9,752	48,167	7,248	650	229	61,862	17,229
GRAND TOTAL . . . . .	37,509	12,583	123,688	10,716	865	259	162,062	23,556

1/ LESS THAN 500 POUNDS OR \$500.

NOTE:--LANDINGS STATISTICS ARE SHOWN IN ROUND (LIVE) WEIGHT EXCEPT FOR SHELL MOLLUSKS, CLAMS, CONCHS, MUSSELS, AND OYSTERS ARE REPORTED IN WEIGHT OF TOTAL MEATS; SCALLOPS, IN WEIGHT OF EDIBLE MEATS.

# MIDDLE ATLANTIC FISHERIES

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## LANDINGS OF CERTAIN SHELLFISH, 1967

(U. S. STANDARD BUSHELS)

SPECIES	NEW YORK		NEW JERSEY		DELAWARE		TOTAL	
	NUMBER	VALUE	NUMBER	VALUE	NUMBER	VALUE	NUMBER	VALUE
CLAMS:								
HARD:								
PUBLIC . . . . .	366,932	\$4,777,273	287,660	\$1,291,665	32,168	\$137,508	686,660	\$6,206,446
PRIVATE . . . . .	221,867	2,313,385	90	407	5,112	16,624	227,059	2,330,416
RAZOR . . . . .	1,000	5,148	-	-	-	-	1,000	5,148
SOFT, PUBLIC . . . . .	16,588	90,581	9,033	45,155	-	-	25,621	135,736
SURF . . . . .	135,568	190,453	2,446,147	4,050,610	-	-	2,581,735	4,241,063
CONCHS . . . . .	5,193	18,690	6,875	23,329	-	-	12,068	42,019
MUSSELS, SEA . . . . .	2,770	7,904	-	-	-	-	2,770	7,904
OYSTERS, MARKET:								
PUBLIC:								
SPRING . . . . .	67	1,827	5,111	33,789	-	-	5,178	35,616
FALL . . . . .	227	3,036	6,862	35,963	-	-	7,089	38,999
PRIVATE:								
SPRING . . . . .	5,107	79,237	3,984	30,813	-	-	9,091	110,050
FALL . . . . .	8,093	123,759	136,578	816,427	8,807	40,000	153,478	980,166
SCALLOPS:								
BAY . . . . .	27,000	218,017	13,154	40,292	-	-	40,154	258,309
SEA . . . . .	228,667	1,029,282	35,450	144,333	-	-	264,117	1,173,615

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

## AVERAGE WEIGHTS OF CERTAIN SHELLFISH, 1967

(POUNDS OF MEATS PER U. S. STANDARD BUSHEL)

SPECIES	NEW YORK	NEW JERSEY	DELAWARE
	QUANTITY	QUANTITY	QUANTITY
CLAMS:			
HARD:			
PUBLIC . . . . .	12.00	10.00	8.00
PRIVATE . . . . .	12.00	10.00	8.00
RAZOR . . . . .	16.00	-	-
SOFT, PUBLIC . . . . .	16.00	12.00	-
SURF . . . . .	17.00	17.00	-
CONCHS . . . . .	15.00	20.00	-
MUSSELS, SEA . . . . .	10.00	-	-
OYSTERS, MARKET:			
PUBLIC:			
SPRING . . . . .	7.50	6.30	-
FALL . . . . .	7.50	5.60	-
PRIVATE:			
SPRING . . . . .	7.50	6.30	-
FALL . . . . .	7.50	6.81	6.96
SCALLOPS:			
BAY . . . . .	6.00	6.50	-
SEA . . . . .	6.00	6.00	-

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



# MIDDLE ATLANTIC FISHERIES

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## PROCESSED FISHERY PRODUCTS, 1967

ITEM		NEW YORK		NEW JERSEY		PENNSYLVANIA AND DELAWARE	
		QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
ANCHOVY PASTE, CANNED . . . . .	STANDARD CASES	(1)	(1)	-	-	-	-
	POUNDS	(1)	(1)	-	-	-	-
BUFFALOFISH, SMOKED . . . . .	DO	11,750	\$8,538	-	-	-	-
BUTTERFISH, SMOKED . . . . .	DO	46,000	42,700	-	-	-	-
CARP, SMOKED . . . . .	DO	4,590,000	3,590,800	(1)	(1)	-	-
CHUBS, SMOKED . . . . .	DO	-	-	(1)	(1)	-	-
COD:							
FILLETS, FRESH . . . . .	DO	1,466,600	845,028	531,804	\$248,084	-	-
SPECIALTIES, CAKES:							
FROZEN, BREADED, RAW AND COOKED . . . . .	DO	(1)	(1)	-	-	1,405,428	\$530,879
CANNED . . . . .	STANDARD CASES	-	-	(1)	(1)	-	-
SALTED (SHREDDED) . . . . .	POUNDS	(1)	(1)	(1)	(1)	-	-
SMOKED (FILLETS) . . . . .	DO	(1)	(1)	-	-	-	-
EELS, SMOKED . . . . .	DO	111,500	105,125	(1)	(1)	-	-
FLOUNDER:							
FILLETS:							
FRESH AND FROZEN . . . . .	DO	3,543,200	2,428,827	(1)	(1)	(1)	(1)
BREADED, RAW AND COOKED, FROZEN . . . . .	DO	(1)	(1)	(1)	(1)	-	-
SPECIALTIES, FROZEN (BREADED WHOLE, STUFFED) . . . . .	DO	-	-	(1)	(1)	-	-
HADDOCK:							
FILLETS:							
FRESH . . . . .	DO	(1)	(1)	(1)	(1)	-	-
BREADED AND COOKED, FROZEN . . . . .	DO	(1)	(1)	-	-	-	-
SPECIALTIES, FROZEN (STUFFED, BREADED AND COOKED) . . . . .	DO	(1)	(1)	-	-	-	-
SMOKED (FINNAN HADDIE) . . . . .	DO	(1)	(1)	-	-	-	-
HAKE FILLETS, FRESH . . . . .	DO	12,500	4,910	-	-	-	-
HALIBUT SPECIALTIES, FROZEN (DINNERS) . . . . .	DO	(1)	(1)	-	-	-	-
HERRING, SEA:							
SPECIALTIES, CURED AND REFRIGERATED (IN WINE AND CREAM SAUCES) . . . . .	DO	(1)	(1)	-	-	(1)	(1)
SALTED . . . . .	DO	217,282	91,671	-	-	-	-
SMOKED . . . . .	DO	11,338	4,247	-	-	-	-
LUMPFISH CAVIAR, CANNED . . . . .	STANDARD CASES	(1)	(1)	-	-	-	-
MACKEREL:							
SALTED (FILLETS) . . . . .	POUNDS	-	-	-	-	(1)	(1)
SMOKED . . . . .	DO	(1)	(1)	-	-	-	-
MENHADEN:							
MEAL AND SCRAP . . . . .	TONS	-	-	(1)	(1)	-	-
OIL . . . . .	1,000 POUNDS	-	-	(1)	(1)	-	-
SOLUBLES . . . . .	TONS	-	-	(1)	(1)	-	-
PADDLEFISH, SMOKED . . . . .	POUNDS	(1)	(1)	-	-	-	-
POLLOCK:							
FILLETS, FRESH . . . . .	DO	(1)	(1)	-	-	-	-
OIL, LIVER . . . . .	1,000 POUNDS	(1)	(1)	-	-	-	-
SABLEFISH, SMOKED . . . . .	POUNDS	1,755,000	1,364,250	(1)	(1)	-	-
SALMON:							
CAVIAR, CANNED . . . . .	STANDARD CASES	2,750	360,621	-	-	-	-
SMOKED . . . . .	POUNDS	9,173,000	13,727,200	(1)	(1)	(1)	(1)
SHAD, SMOKED . . . . .	DO	42,500	14,375	-	-	-	-
SHARKS:							
FINS . . . . .	-	-	-	-	(1)	-	-
LEATHERS . . . . .	-	-	-	-	(1)	-	-
OIL, LIVER . . . . .	1,000 POUNDS	(1)	(1)	-	-	-	-
STURGEON:							
CAVIAR, CANNED . . . . .	STANDARD CASES	(1)	(1)	-	-	-	-
SMOKED . . . . .	POUNDS	1,375,000	2,574,000	(1)	(1)	-	-
TUNA:							
SPECIALTIES:							
FROZEN (PIES AND WITH NOODLES) . . . . .	DO	(1)	(1)	-	-	-	-
CANNED (WITH NOODLES) . . . . .	STANDARD CASES	-	-	-	-	(1)	(1)
SMOKED . . . . .	POUNDS	-	-	(1)	(1)	-	-
OIL, LIVER . . . . .	1,000 POUNDS	(1)	(1)	-	-	-	-

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

# MIDDLE ATLANTIC FISHERIES

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## PROCESSED FISHERY PRODUCTS, 1967 - Continued

ITEM	NEW YORK		NEW JERSEY		PENNSYLVANIA AND DELAWARE	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
WHITEFISH:						
CANNED:						
FISH . . . . . STANDARD						
CAVIAR . . . . . DO	1,887	\$160,999	(1)	(1)	-	-
SMOKED . . . . . POUNDS	1,491,000	1,502,100	(1)	(1)	-	-
WHITING, SMOKED . . . . . DO	275,000	101,250	31,000	\$21,450	-	-
CRABS:						
BLUE:						
SPECIALTIES:						
FROZEN (CAKES, PATTIES, CUTLETS, DEVILED, ETC.). . . . . DO	(1)	(1)	354,440	238,612	3,645,854	\$2,431,268
CANNED (BISQUE AND NEWBURG) . . . . . STANDARD						
CASES	-	-	(1)	(1)	(1)	(1)
KING, FRESH COCKTAILS (RE- FRIGERATED) . . . . . POUNDS	(1)	(1)	-	-	-	-
LOBSTERS, NORTHERN:						
FRESH, COOKED MEAT . . . . . DO	-	-	(1)	(1)	-	-
SPECIALTIES:						
FROZEN (LOBSTERETTES, BREADED AND COOKED) . . . . . DO	-	-	-	-	(1)	(1)
CANNED (BISQUE, CHOWDER, SAUCE, ETC.) . . . . . STANDARD						
CASES	-	-	(1)	(1)	(1)	(1)
SHRIMP:						
FROZEN:						
MEAT, COOKED, PEELED AND DEVILED . . . . . POUNDS	-	-	(1)	(1)	-	-
BREADED, RAW AND COOKED . . . . . DO	(1)	(1)	(1)	(1)	(1)	(1)
SPECIALTIES:						
FRESH (COCKTAILS, REFRIG- ERATED) . . . . . DO	(1)	(1)	(1)	(1)	(1)	(1)
FROZEN (DINNERS, SCAMPI, CASSEROLES, BURGERS, ETC.) . . . . . DO	447,648	443,159	(1)	(1)	-	-
CANNED (BISQUE, CHOWDER, CREOLE, ETC.) . . . . . STANDARD						
CASES	-	-	(1)	(1)	(1)	(1)
CLAMS, SURF AND HARD:						
FRESH AND FROZEN:						
SHUCKED . . . . . GALLONS	547,991	1,831,446	1,788,420	3,954,181	15,420	88,220
SPECIALTIES:						
BREADED, RAW AND COOKED . . . . . POUNDS	-	-	59,200	35,035	(1)	(1)
OTHER (CAKES, CHOWDER, STUFFED, PATTIES, ETC.) . . . . . DO	361,611	333,605	(1)	(1)	1,082,313	777,637
CANNED:						
WHOLE AND MINCED . . . . . STANDARD						
CASES	(1)	(1)	466,420	6,174,830	(1)	(1)
CHOWDER AND JUICE . . . . . DO	(1)	(1)	736,945	4,485,170	271,466	2,097,374
SPECIALTIES (BISQUE, IN SHELL, AND IN SAUCE) . . . . . DO	-	-	(1)	(1)	(1)	(1)
CONCH MEAT:						
FRESH AND FROZEN:						
NATURAL . . . . . POUNDS	(1)	(1)	(1)	(1)	-	-
IN TOMATO AND IN HOT SAUCE . . . . . DO	(1)	(1)	(1)	(1)	-	-
CANNED . . . . . STANDARD						
CASES	(1)	(1)	(1)	(1)	(1)	(1)
MUSSELS, SEA:						
SPECIALTIES, FROZEN (IN HOT SAUCE) . . . . . POUNDS	-	-	(1)	(1)	-	-
CANNED (WHOLE AND BISQUE) . . . . . STANDARD						
CASES	(1)	(1)	(1)	(1)	-	-
DYSTERS:						
FRESH AND FROZEN:						
SHUCKED . . . . . GALLONS	-	-	104,721	1,047,210	72,200	818,900
BREADED, RAW AND COOKED . . . . . POUNDS	-	-	444,688	494,175	(1)	(1)
SPECIALTIES:						
FROZEN (PIES AND STEWS) . . . . . DO	-	-	-	-	(1)	(1)
CANNED (BISQUE AND STEWS) . . . . . STANDARD						
CASES	-	-	(1)	(1)	(1)	(1)
SHELL, GRIT AND LIME . . . . . TONS	-	-	(1)	(1)	(1)	(1)
SCALLOPS, FRESH AND FROZEN:						
BAY, SHUCKED . . . . . GALLONS	18,179	309,640	9,518	104,869	-	-
SEA:						
BREADED, RAW AND COOKED . . . . . POUNDS	364,996	340,827	158,900	240,367	(1)	(1)
SPECIALTIES:						
FROZEN (DINNERS, BREADED RAW) . . . . . DO	(1)	(1)	-	-	-	-
CANNED (IN SAUCE) . . . . . STANDARD						
CASES	-	-	(1)	(1)	-	-

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

## MIDDLE ATLANTIC FISHERIES

## PROCESSED FISHERY PRODUCTS, 1967 - Continued

ITEM	NEW YORK		NEW JERSEY		PENNSYLVANIA AND DELAWARE	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
SQUID:						
SPECIALTIES, FROZEN (1N TOMATO SAUCE) . . . . . POUNDS	(1)	(1)	-	-	-	-
CANNED . . . . . STANDARD CASES	-	-	(1)	(1)	-	-
TURTLE, CANNED:						
MEAT . . . . . DO	-	-	(1)	(1)	-	-
SPECIALTIES (SOUP AND CONSUMME) . . . . . DO	-	-	(1)	(1)	(1)	(1)
OIL . . . . . 1,000 POUNDS	-	-	(1)	(1)	-	-
UNCLASSIFIED:						
FRESH AND FROZEN PACKAGED FISH:						
STICKS, BREADED:						
RAW . . . . . POUNDS	-	-	(1)	(1)	(1)	(1)
COOKED . . . . . DO	(1)	(1)	(1)	(1)	11,690,526	\$4,689,375
PORTIONS:						
RAW:						
NOT BREADED . . . . . DO	(1)	(1)	(1)	(1)	432,403	158,486
BREADED . . . . . DO	-	-	(1)	(1)	(1)	(1)
BREADED AND COOKED . . . . . DO	(1)	(1)	(1)	(1)	13,702,171	5,063,333
FISH AND SHELLFISH . . . . . DO	7,852,366	\$7,864,407	7,749,057	\$6,939,459	6,425,366	4,787,217
CANNED . . . . . STANDARD CASES	390,206	5,262,411	427,115	5,819,492	496,066	5,331,353
CURED . . . . . POUNDS	1,024,665	611,230	326,000	345,894	(2)	(2)
INDUSTRIAL . . . . . -	-	(2)	-	1,965,518	-	(2)
TOTAL . . . . . -	-	43,923,666	-	32,134,346	-	26,774,042

1/ INCLUDED WITH UNCLASSIFIED.

2/ INCLUDED WITH UNCLASSIFIED FISH AND SHELLFISH.

NOTE:--SOME PRODUCTS MAY HAVE BEEN PROCESSED FROM RAW PRODUCTS IMPORTED FROM ANOTHER STATE OR A FOREIGN COUNTRY; THEREFORE, THEY CANNOT BE CORRELATED DIRECTLY WITH THE CATCH WITHIN THE STATE. CERTAIN ITEMS ARE SHOWN IN AN INTERMEDIATE AND ALSO A MORE ADVANCED STAGE OF PROCESSING.

## SUMMARY OF PROCESSED PRODUCTS, 1967

(THOUSANDS OF DOLLARS)

ITEM	VALUE
PACKAGED:	
FRESH . . . . .	16,065
FROZEN . . . . .	29,383
CANNED . . . . .	29,692
CURED . . . . .	25,394
INDUSTRIAL . . . . .	2,298
TOTAL . . . . .	102,832

## VALUE OF PROCESSED PRODUCTS, BY STATES, 1967

(THOUSANDS OF DOLLARS)

STATE	VALUE
NEW YORK . . . . .	43,924
NEW JERSEY . . . . .	32,134
PENNSYLVANIA . . . . .	21,566
DELAWARE . . . . .	5,206
TOTAL . . . . .	102,832

## WHOLESALE AND PROCESSING, 1967

ITEM	NEW YORK	NEW JERSEY	PENN-SYLVANIA	DELAWARE	TOTAL
WHOLESALE AND PROCESSING:					
ESTABLISHMENTS . . . . .	NUMBER 217	NUMBER 110	NUMBER 45	NUMBER 16	NUMBER 388
PERSONS ENGAGED:					
AVERAGE FOR SEASON . . . . .	2,507	2,373	1,281	410	6,571
AVERAGE FOR YEAR . . . . .	2,442	1,974	1,078	344	5,838

# MIDDLE ATLANTIC FISHERIES

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## NEW YORK

### OPERATING UNITS BY GEAR, 1967

ITEM	HAUL SEINES, COMMON	OTTER TRAWLS		POUND NETS, FISH	FYKE AND HOOP NETS, FISH	POTS AND TRAPS	
		FISH	LOBSTER			CONCH	EEL
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS . . . . .	5	397	50	12	-	2	-
ON BOATS AND SHORE:							
REGULAR . . . . .	54	11	-	14	5	-	9
CASUAL . . . . .	32	-	-	8	9	-	9
TOTAL . . . . .	91	408	50	34	14	2	18
VESSLES, MOTOR . . . . .	2	152	13	3	-	1	-
GROSS TONNAGE . . . . .	22	5,514	964	43	-	32	-
BOATS:							
MOTOR . . . . .	34	6	-	12	14	-	17
OTHER . . . . .	2	-	-	10	-	-	-
GEAR:							
NUMBER . . . . .	36	158	13	82	64	175	504
LENGTH, YARDS . . . . .	8,626	-	-	-	-	-	-
SQUARE YARDS . . . . .	-	-	-	-	-	-	-
YARDS AT MOUTH . . . . .	-	3,658	377	-	-	-	-

ITEM	POTS AND TRAPS CONTINUED -		GILL NETS			LINES		SPEARS
	FISH	LOBSTER	ANCHOR, SET OR STAKE	DRIFT, SHAD	RUNA-ROUND	HAND	LONG OR SET, WITH HOOKS	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	
FISHERMEN:								
ON VESSELS . . . . .	4	20	-	-	-	-	13	
ON BOATS AND SHORE:								
REGULAR . . . . .	-	50	13	-	8	125	7	
CASUAL . . . . .	-	95	24	46	16	775	3	
TOTAL . . . . .	4	165	37	46	24	904	23	
VESSLES, MOTOR . . . . .	2	10	-	-	-	-	4	
GROSS TONNAGE . . . . .	24	139	-	-	-	-	161	
BOATS:								
MOTOR . . . . .	-	98	26	24	11	405	8	
OTHER . . . . .	-	-	-	-	-	70	-	
GEAR:								
NUMBER . . . . .	1,400	14,547	37	24	11	905	21	
SQUARE YARDS . . . . .	-	-	63,271	79,082	14,800	-	-	
HOOKS OR BAITS . . . . .	-	-	-	-	-	1,200	13,500	

ITEM	DREDGES				TONGS		RAKES	TOTAL, EXCLUSIVE OF DUPLICATION
	CLAM	OYSTER, COMMON	SCALLOP		OYSTER	OTHER		
	NUMBER	NUMBER	BAY	SEA	NUMBER	NUMBER	NUMBER	
FISHERMEN:								
ON VESSELS . . . . .	123	29	-	205	-	-	-	
ON BOATS AND SHORE:								
REGULAR . . . . .	4	2	126	-	4	775	385	
CASUAL . . . . .	-	-	145	-	-	1,015	1,275	
TOTAL . . . . .	127	31	271	205	4	1,790	1,660	
VESSLES, MOTOR . . . . .	46	8	-	18	-	-	-	
GROSS TONNAGE . . . . .	1,305	311	-	2,208	-	-	-	
BOATS:								
MOTOR . . . . .	2	1	147	-	4	1,290	1,525	
OTHER . . . . .	-	-	-	-	-	35	25	
GEAR:								
NUMBER . . . . .	50	13	442	36	4	1,790	1,660	
YARDS AT MOUTH . . . . .	46	19	442	131	-	-	-	

# MIDDLE ATLANTIC FISHERIES

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## NEW YORK - LANDINGS OF CATCH BY GEAR, 1967

SPECIES	HAUL SEINES, COMMON		OTTER TRAWLS			
			FISH		LOBSTER	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ANGLERFISH . . . . .	-	-	27,800	\$1,075	-	-
BLUEFISH . . . . .	166,400	\$26,727	22,500	3,415	-	-
BUTTERFISH . . . . .	-	-	945,800	103,763	-	-
CARP . . . . .	3,700	225	-	-	-	-
CATFISH . . . . .	1,000	150	-	-	-	-
COD . . . . .	2,400	328	249,900	34,233	-	-
EEL, CONGER . . . . .	-	-	2,600	84	-	-
FLOUNDERS:						
BLACKBACK . . . . .	-	-	2,832,600	161,128	-	-
FLUKE . . . . .	-	-	1,929,100	478,724	-	-
GRAY SOLE . . . . .	-	-	8,100	765	-	-
LEMON SOLE . . . . .	-	-	7,800	1,282	-	-
YELLOWTAIL . . . . .	-	-	5,438,500	461,803	-	-
Haddock . . . . .	-	-	26,000	2,309	-	-
HAKE:						
RED . . . . .	-	-	513,100	24,938	-	-
WHITE . . . . .	-	-	300	15	-	-
HERRING, SEA . . . . .	-	-	35,500	1,891	-	-
KING WHITING OR "KING- FISH" . . . . .	1,900	312	800	138	-	-
MACKEREL, ATLANTIC . . . . .	-	-	100,400	7,115	-	-
MENHADEN . . . . .	87,500	3,630	9,400	141	-	-
POLLOCK . . . . .	-	-	1,200	149	-	-
SCUP OR PORGY . . . . .	242,400	47,161	2,685,200	522,458	-	-
SEA BASS . . . . .	-	-	43,200	13,951	-	-
SEA ROBIN . . . . .	-	-	17,600	845	-	-
SEA TROUT OR WEAKFISH . . . . .	-	-	-	-	-	-
GRAY . . . . .	1,400	278	11,300	2,221	-	-
SHAD . . . . .	5,000	886	3,700	648	-	-
SHARKS:						
GRAYFISH . . . . .	-	-	146,000	7,019	-	-
UNCLASSIFIED . . . . .	-	-	1,300	67	-	-
SILVERSIDES . . . . .	144,700	25,615	-	-	-	-
SKATES . . . . .	-	-	9,100	243	-	-
STRIPED BASS . . . . .	1,042,200	199,703	146,400	28,030	-	-
STURGEON, COMMON . . . . .	-	-	10,300	1,624	-	-
SUCKERS . . . . .	200	20	-	-	-	-
SWELLFISH . . . . .	-	-	6,000	338	-	-
TAUTOG . . . . .	-	-	42,100	1,965	-	-
TILEFISH . . . . .	-	-	18,000	1,857	-	-
WHITE PERCH . . . . .	77,800	13,218	-	-	-	-
WHITING . . . . .	-	-	3,878,000	212,074	-	-
UNCLASSIFIED, FOR FOOD . . . . .	19,200	1,920	234,300	23,442	-	-
LOBSTERS, NORTHERN . . . . .	-	-	21,500	20,437	263,000	\$250,041
SQUID . . . . .	-	-	665,200	49,652	-	-
<b>TOTAL . . . . .</b>	<b>1,797,800</b>	<b>320,173</b>	<b>20,084,800</b>	<b>2,169,839</b>	<b>263,000</b>	<b>250,041</b>

SPECIES	POUND NETS, FISH		FYKE AND HOOP NETS, FISH		POTS AND TRAPS	
					CONCH	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES . . . . .	-	-	2,700	\$135	-	-
BLUEFISH . . . . .	72,800	\$11,519	-	-	-	-
BONITO . . . . .	3,600	302	-	-	-	-
BULLHEADS . . . . .	-	-	300	15	-	-
BUTTERFISH . . . . .	174,300	19,126	-	-	-	-
CARP . . . . .	-	-	1,600	80	-	-
CATFISH . . . . .	-	-	4,300	639	-	-
EEL, COMMON . . . . .	59,900	12,952	-	-	-	-
FLOUNDERS:						
BLACKBACK . . . . .	39,500	2,250	41,100	2,339	-	-
FLUKE . . . . .	15,100	3,765	-	-	-	-
HERRING, SEA . . . . .	111,400	5,916	-	-	-	-
KING WHITING OR "KING- FISH" . . . . .	5,400	1,069	-	-	-	-
MACKEREL, ATLANTIC . . . . .	192,000	13,612	-	-	-	-
MENHADEN . . . . .	531,800	22,060	-	-	-	-
SCUP OR PORGY . . . . .	225,400	43,860	-	-	-	-
SEA BASS . . . . .	1,700	569	-	-	-	-
SEA ROBIN . . . . .	46,800	2,254	-	-	-	-
SEA TROUT OR WEAKFISH . . . . .	-	-	-	-	-	-
GRAY . . . . .	17,000	3,382	-	-	-	-
SHAD . . . . .	25,700	4,568	-	-	-	-
SHARKS:						
GRAYFISH . . . . .	45,900	2,209	-	-	-	-
UNCLASSIFIED . . . . .	100	8	-	-	-	-

(CONTINUED ON NEXT PAGE)

# MIDDLE ATLANTIC FISHERIES

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## NEW YORK - LANDINGS OF CATCH BY GEAR, 1967 - Continued

SPECIES	POUND NETS, FISH		FYKE AND HOOP NETS, FISH		POTS AND TRAPS	
	POUNDS	VALUE	POUNDS	VALUE	CONCH	
					POUNDS	VALUE
SKATES . . . . .	1,500	\$40	-	-	-	-
STRIPED BASS . . . . .	86,900	16,637	-	-	-	-
STURGEON, COMMON . . . . .	600	100	-	-	-	-
SWELLFISH . . . . .	63,600	3,606	-	-	-	-
TAUTOG . . . . .	38,800	1,816	-	-	-	-
TUNA:						
BLUEFIN . . . . .	1,200	238	-	-	-	-
LITTLE . . . . .	13,900	1,112	-	-	-	-
WHITE PERCH . . . . .	2,500	425	-	-	-	-
WHITING . . . . .	6,800	370	-	-	-	-
UNCLASSIFIED, FOR FOOD . . . . .	19,300	1,940	-	-	-	-
CONCHS . . . . .	-	-	-	-	23,500	\$5,633
SQUID . . . . .	106,300	7,937	-	-	-	-
TOTAL . . . . .	1,910,800	183,642	50,000	\$3,208	23,500	5,633
	POTS AND TRAPS - CONTINUED					
SPECIES	EEL		FISH		LOBSTER	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
EEL, COMMON . . . . .	38,300	\$7,922	-	-	-	-
HAKE, RED . . . . .	-	-	6,500	\$318	-	-
SEA BASS . . . . .	-	-	58,100	19,042	6,800	\$2,230
SHARK, GRAYFISH . . . . .	-	-	1,100	53	-	-
UNCLASSIFIED, FOR FOOD . . . . .	-	-	8,100	810	1,100	105
LOBSTERS, NORTHERN . . . . .	-	-	-	-	593,700	564,395
CONCHS . . . . .	-	-	-	-	11,600	2,800
TOTAL . . . . .	38,300	7,922	73,800	20,223	613,200	569,530
	GILL NETS					
SPECIES	ANCHOR, SET OR STAKE		DRIFT, SHAD		RUNAROUND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES . . . . .	1,700	\$86	-	-	-	-
BLUEFISH . . . . .	49,900	7,896	-	-	157,700	\$24,999
BONITO . . . . .	-	-	-	-	2,100	176
CARP . . . . .	2,000	100	1,400	\$70	-	-
MACKEREL, ATLANTIC . . . . .	-	-	-	-	4,300	308
MENHADEN . . . . .	-	-	-	-	19,300	802
SCUP OR PORGY . . . . .	-	-	-	-	500	105
SEA TROUT OR WEAKFISH, GRAY . . . . .	-	-	-	-	300	53
SHAD . . . . .	33,700	5,764	45,300	6,018	400	22
SHARK, GRAYFISH . . . . .	-	-	-	-	195,600	37,237
STRIPED BASS . . . . .	72,400	7,878	900	102	200	36
STURGEON, COMMON . . . . .	1,100	128	300	94	300	26
TUNA, LITTLE . . . . .	1,500	225	-	-	5,900	591
WHITE PERCH . . . . .	-	-	-	-	-	-
UNCLASSIFIED, FOR FOOD . . . . .	-	-	-	-	-	-
TOTAL . . . . .	162,300	22,077	47,900	6,284	386,600	64,355
	LINES					
SPECIES	HAND		LONG OR SET WITH HOOKS		SPEARS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUEFISH . . . . .	78,900	\$12,491	-	-	-	-
CATFISH . . . . .	-	-	3,700	\$618	-	-
COD . . . . .	107,000	14,648	98,000	13,423	-	-
EEL, COMMON . . . . .	-	-	-	-	49,000	\$10,510
FLOUNDER, FLUKE . . . . .	-	-	-	-	1,200	2 <sup>9</sup>
MACKEREL, ATLANTIC . . . . .	63,500	4,506	-	-	-	-
POLLOCK . . . . .	300	37	-	-	-	-
SCUP OR PORGY . . . . .	134,600	26,192	-	-	-	-
SHARK, GRAYFISH . . . . .	-	-	2,900	139	-	-
STRIPED BASS . . . . .	85,700	16,401	-	-	-	-
SWORDFISH . . . . .	-	-	2,200	698	-	-
TUNA, BLUEFIN . . . . .	2,000	412	-	-	-	-
UNCLASSIFIED, FOR FOOD . . . . .	-	-	7,000	703	-	-
TOTAL . . . . .	472,000	74,667	113,800	15,581	50,200	10,888

(CONTINUED ON NEXT PAGE)

## MIDDLE ATLANTIC FISHERIES

## NEW YORK - LANDINGS OF CATCH BY GEAR, 1967 - Continued

SPECIES	DREDGES					
	CLAM		OYSTER, COMMON		SCALLOP	
					BAY	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CLAMS:						
HARD, PRIVATE . . . . .	2,662,400	\$2,313,385	-	-	-	-
SURF. . . . .	2,305,000	190,453	-	-	-	-
CONCHS. . . . .	-	-	42,800	\$10,257	-	-
OYSTERS, MARKET, PRIVATE:						
SPRING. . . . .	-	-	38,300	79,237	-	-
FALL. . . . .	-	-	60,700	123,759	-	-
SCALLOPS, BAY . . . . .	-	-	-	-	162,000	\$218,017
TOTAL . . . . .	4,967,400	2,503,838	141,800	213,253	162,000	218,017
SPECIES	DREDGES - CONTINUED			TONGS		
	SCALLOP - CONTINUED			OYSTER		
	SEA					
	POUNDS	VALUE	POUNDS	VALUE		
FLOUNDERS:						
BLACKBACK . . . . .	18,300	\$1,041	-	-		
FLUKE . . . . .	18,600	4,368	-	-		
YELLOWTAIL. . . . .	25,000	2,124	-	-		
UNCLASSIFIED, FOR FOOD. . . . .	200	20	-	-		
LOBSTERS, NORTHERN. . . . .	800	760	-	-		
OYSTERS, MARKET, PUBLIC:						
SPRING. . . . .	-	-	-	500	\$1,827	
FALL. . . . .	-	-	-	1,700	3,036	
SCALLOP, SEA. . . . .	1,372,000	1,029,282	-	-		
TOTAL . . . . .	1,434,900	1,037,595	-	-	2,200	4,863
SPECIES	TONGS - CONTINUED			RAKES		
	OTHER					
	POUNDS	VALUE	POUNDS	VALUE		
CLAMS:						
HARD, PUBLIC. . . . .	2,527,300	\$2,752,778	1,876,600	\$2,024,495		
RAZOR . . . . .	-	-	16,000	5,148		
SOFT, PUBLIC. . . . .	-	-	265,400	90,581		
MUSSELS, SEA. . . . .	-	-	27,700	7,904		
TOTAL . . . . .	2,527,300	2,752,778	2,185,700	2,128,128		

# MIDDLE ATLANTIC FISHERIES

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## NEW JERSEY

### OPERATING UNITS BY GEAR, 1967

ITEM	HAUL SEINES, COMMON	PURSE SEINES			OTTER TRAWLS		WEIRS	FOUND NETS, FISH
		MENHADEN	TUNA	OTHER	FISH	LOBSTER		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:								
ON VESSELS . . . . .	-	236	42	31	492	153	-	15
ON BOATS AND SHORE:								
REGULAR . . . . .	30	-	-	-	4	-	2	15
CASUAL . . . . .	8	-	-	-	-	-	6	-
TOTAL . . . . .	39	236	42	31	496	153	8	30
VESSELS, MOTOR . . . . .	-	15	4	4	141	38	-	4
GROSS TONNAGE . . . . .	-	3,105	530	115	6,558	2,241	-	34
BOATS:								
MOTOR . . . . .	17	28	4	4	2	-	4	4
OTHER . . . . .	-	1	-	1	-	-	4	-
GEAR:								
NUMBER . . . . .	17	15	4	4	143	39	6	20
LENGTH, YARDS . . . . .	2,286	5,715	2,900	1,450	-	-	-	-
YARDS AT MOUTH . . . . .	-	-	-	-	3,504	1,053	-	-

ITEM	FYKE AND HOOP NETS, FISH	POTS AND TRAPS					GILL NETS	
		CRAB	EEL	FISH	LOBSTER	TURTLE	ANCHOR, SET OR STAKE	DRIFT SHAD
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:								
ON VESSELS . . . . .	1	5	-	11	9	-	9	3
ON BOATS AND SHORE:								
REGULAR . . . . .	17	31	12	24	7	-	30	3
CASUAL . . . . .	-	13	6	1	1	11	36	17
TOTAL . . . . .	18	49	18	36	17	11	75	23
VESSELS, MOTOR . . . . .	1	3	-	6	5	-	4	1
GROSS TONNAGE . . . . .	8	21	-	58	49	-	43	11
BOATS:								
MOTOR . . . . .	17	39	18	17	8	8	31	13
OTHER . . . . .	-	-	-	-	-	3	-	-
GEAR:								
NUMBER . . . . .	55	3,512	862	14,360	3,250	145	52	13
SQUARE YARDS . . . . .	-	-	-	-	-	-	77,279	22,227

ITEM	GILL NETS CONTINUED		LINES			DREDGES		
	DRIFT - CONTINUED OTHER	RUN-ROUND	HAND	TROLL	LONG OR SET WITH HOOKS	CLAM	CONCH	CRAB
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:								
ON VESSELS . . . . .	50	23	6	-	26	352	11	15
ON BOATS AND SHORE:								
REGULAR . . . . .	23	25	7	1	5	-	-	5
CASUAL . . . . .	14	21	42	12	-	-	-	-
TOTAL . . . . .	87	69	55	13	31	362	11	20
VESSELS, MOTOR . . . . .	22	11	3	-	5	103	5	6
GROSS TONNAGE . . . . .	259	121	24	-	307	5,075	112	94
BOATS, MOTOR . . . . .	20	23	44	13	3	-	-	5
GEAR:								
NUMBER . . . . .	43	34	64	18	8	121	5	17
SQUARE YARDS . . . . .	326,265	256,166	-	-	-	-	-	-
YARDS AT MOUTH . . . . .	-	-	-	-	-	146	15	26
HOOKS OR BAITS . . . . .	-	-	64	18	16,850	-	-	-

(CONTINUED ON NEXT PAGE)

## MIDDLE ATLANTIC FISHERIES

## NEW JERSEY - OPERATING UNITS BY GEAR, 1967 - Continued

ITEM	DREGGES - CONTINUED			TONGS	
	OYSTER, COMMON	SCALLOP		OYSTER	OTHER
		BAY	SEA		
	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>
FISHERMEN:					
ON VESSELS . . . . .	161	-	391	-	-
ON BOATS AND SHORE:					
REGULAR . . . . .	15	60	-	67	372
CASUAL . . . . .	-	30	-	18	605
TOTAL . . . . .	176	90	391	85	977
VESSELS, MOTOR . . . . .	20	-	34	-	-
GROSS TONNAGE . . . . .	588	-	4,235	-	-
BOATS:					
MOTOR . . . . .	9	80	-	85	782
OTHER . . . . .	-	-	-	-	145
GEAR:					
NUMBER . . . . .	51	115	67	85	977
YARDS AT MOUTH . . . . .	51	96	256	-	-

ITEM	RAKES	HOES	BY HAND	TOTAL, EXCLUSIVE OF DUPLI- CATION
	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>
FISHERMEN:				
ON VESSELS . . . . .	-	-	-	1,796
ON BOATS AND SHORE:				
REGULAR . . . . .	233	12	280	595
CASUAL . . . . .	400	30	465	1,029
TOTAL . . . . .	633	42	745	3,410
VESSELS, MOTOR . . . . .	-	-	-	353
GROSS TONNAGE . . . . .	-	-	-	20,664
BOATS:				
MOTOR . . . . .	569	42	599	1,337
OTHER . . . . .	45	-	49	187
GEAR, NUMBER . . . . .	633	42	-	-

## NEW JERSEY - LANDINGS OF CATCH BY GEAR, 1967

SPECIES	HAUL SEINES, COMMON		PURSE SEINES			
			MENHADEN		TUNA	
	<u>POUNDS</u>	<u>VALUE</u>	<u>POUNDS</u>	<u>VALUE</u>	<u>POUNDS</u>	<u>VALUE</u>
ALIVEFISH . . . . .	6,300	\$272	-	-	-	-
BLUEFISH . . . . .	-	-	-	-	9,000	\$1,080
CARP . . . . .	113,500	6,793	-	-	-	-
CATFISH . . . . .	5,400	556	-	-	-	-
FLOUNDER, BLACKBACK . . . . .	1,200	97	-	-	-	-
MENHADEN . . . . .	-	-	43,303,200	\$549,843	-	-
MULLET, BLACK (LISA) . . . . .	24,200	4,840	-	-	-	-
SHAD . . . . .	6,500	1,108	-	-	-	-
STRIPED BASS . . . . .	7,500	1,979	-	-	-	-
TUNA, BLUEFIN . . . . .	-	-	-	-	2,874,600	215,162
WHITE PERCH . . . . .	64,500	11,363	-	-	-	-
TOTAL . . . . .	229,100	27,008	43,303,200	549,843	2,883,600	216,242

SPECIES	PURSE SEINES - CONTINUED		OTTER TRAWLS			
	OTHER		FISH		LOBSTER	
	<u>POUNDS</u>	<u>VALUE</u>	<u>POUNDS</u>	<u>VALUE</u>	<u>POUNDS</u>	<u>VALUE</u>
ANGLERFISH . . . . .	-	-	1,100	\$19	-	-
BLUEFISH . . . . .	-	-	30,900	4,949	-	-
BONITO . . . . .	-	-	300	47	-	-
BUTTERFISH . . . . .	-	-	927,400	84,478	158,700	\$13,334
COD . . . . .	-	-	34,900	4,722	-	-
EEL, CONGER . . . . .	-	-	100	2	100	2

(CONTINUED ON NEXT PAGE)

# MIDDLE ATLANTIC FISHERIES

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## NEW JERSEY - LANDINGS OF CATCH BY GEAR, 1967 - Continued

SPECIES	PURSE SEINES - CONTINUED		OTTER TRAWLS			
	OTHER		FISH		LOBSTER	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FLOUNDERS:						
BLACKBACK	-	-	396,900	\$15,787	1,300	\$51
FLUKE	-	-	3,000,000	806,374	14,400	5,229
GRAY SOLE	-	-	50,700	3,381	5,200	313
YELLOWTAIL	-	-	38,100	2,186	200	15
Haddock:						
RED	-	-	677,900	26,254	600	20
WHITE	-	-	32,400	2,282	2,100	104
HERRING, SEA.	-	-	27,600	1,122	-	-
KING WHITING OR "KINGFISH"	-	-	5,900	633	-	-
MACKEREL:						
ATLANTIC	-	-	214,300	20,744	1,000	60
SPANISH	-	-	200	46	-	-
MENHADEN	247,400	\$15,157	-	-	-	-
POLLOCK	-	-	1,300	64	-	-
SCUP OR PORGY	69,800	11,800	3,850,000	608,793	79,500	8,415
SEA BASS	-	-	87,300	17,016	400	67
SEA TROUT OR WEAKFISH, GRAY	-	-	436,600	23,176	-	-
SHAD	-	-	11,100	763	-	-
SHARK, UNCLASSIFIED	500	30	400	15	-	-
STRIPED BASS	-	-	144,400	32,516	-	-
STURGEON, COMMON	-	-	4,900	760	-	-
SWELLFISH	-	-	3,600	124	-	-
TAUOG	-	-	1,400	52	-	-
TILEFISH	-	-	13,600	1,981	4,800	567
WHITING	-	-	5,606,700	282,563	8,400	429
UNCLASSIFIED:						
FOR FOOD	-	-	11,200	797	200	12
BAIT, REDUCTION, AND ANIMAL FOOD	-	-	7,798,600	73,521	-	-
CRAB, ROCK	-	-	5,000	167	27,000	1,204
HORSESHOE CRAB	-	-	400	13	-	-
LOBSTERS, NORTHERN	-	-	201,400	141,636	478,900	312,272
CONCHS	-	-	18,400	2,604	-	-
SCALLOP, SEA	-	-	800	732	-	-
SQUID	-	-	576,700	30,722	43,900	2,456
TURTLES, LOGGERHEAD	-	-	100	10	-	-
<b>TOTAL</b>	<b>317,700</b>	<b>26,987</b>	<b>24,152,800</b>	<b>2,189,091</b>	<b>626,700</b>	<b>344,590</b>

SPECIES	WEIRS		POUND NETS, FISH		FYKE AND HOOP NETS, FISH	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	-	-	-	-	2,700	\$106
BLUEFISH	-	-	100,700	\$15,014	-	-
BUTTERFISH	-	-	223,200	23,533	-	-
CATFISH	-	-	-	-	200	20
DRUM, BLACK	-	-	500	26	-	-
EEL, COMMON	7,800	\$3,120	2,000	365	32,600	2,952
FLOUNDERS:						
BLACKBACK	200	6	4,500	293	22,100	1,991
FLUKE	200	50	16,600	5,083	-	-
HAKE, RED	-	-	16,600	622	-	-
HERRING, SEA	-	-	24,000	744	-	-
KING WHITING OR "KINGFISH"	-	-	800	69	-	-
MENHADEN	2,600	56	2,187,100	73,662	-	-
MULLET, BLACK (LISA)	-	-	4,900	650	-	-
POLLOCK	-	-	100	9	-	-
SCUP OR PORGY	-	-	15,600	2,136	-	-
SEA BASS	-	-	300	73	-	-
SEA TROUT OR WEAKFISH, GRAY	-	-	3,100	758	-	-
SHAD	800	51	11,600	1,930	1,700	360
SHARK, GRAYFISH	-	-	200	9	-	-
STRIPED BASS	2,400	308	50,300	12,241	-	-
STURGEON, COMMON	-	-	4,100	626	-	-
SWELLFISH	-	-	200	4	-	-
TAUOG	-	-	5,300	269	100	5
WHITE PERCH	2,100	335	-	-	14,500	2,900
WHITING	-	-	33,100	2,476	-	-
HORSESHOE CRAB	55,200	276	-	-	-	-
<b>TOTAL</b>	<b>71,300</b>	<b>4,202</b>	<b>2,705,200</b>	<b>140,796</b>	<b>74,100</b>	<b>6,336</b>

(CONTINUED ON NEXT PAGE)

## MIDDLE ATLANTIC FISHERIES

## NEW JERSEY - LANDINGS OF CATCH BY GEAR, 1967 - Continued

SPECIES	POTS AND TRAPS					
	CRAB		EEL		FISH	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
EELS:						
COMMON . . . . .	-	-	134,200	\$26,839	-	-
CONGER . . . . .	-	-	-	-	1,000	\$20
GRUNTS . . . . .	-	-	-	-	2,800	92
HAKE, RED . . . . .	-	-	-	-	32,100	751
SCUP OR FORGY . . . . .	-	-	-	-	100	22
SEA BASS . . . . .	-	-	-	-	723,600	173,278
TAUTOG . . . . .	-	-	-	-	12,100	265
UNCLASSIFIED, FOR FOOD . . . . .	-	-	-	-	700	25
CRABS, BLUE:						
HARD . . . . .	416,800	\$54,184	-	-	-	-
SOFT . . . . .	4,900	1,177	-	-	-	-
LOBSTERS, NORTHERN . . . . .	-	-	-	-	91,300	82,163
TOTAL . . . . .	421,700	55,361	134,200	26,839	863,700	256,620

SPECIES	POTS AND TRAPS - CONTINUED				GILL NETS	
	LOBSTER		TURTLE		ANCHOR, SET OR STAKE	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
HAKE, RED . . . . .	300	\$18	-	-	-	-
MENHAEN . . . . .	-	-	-	-	14,600	\$391
SEA BASS . . . . .	2,600	784	-	-	-	-
SHAD . . . . .	-	-	-	-	183,900	23,903
STRIPED BASS . . . . .	-	-	-	-	59,500	12,700
TAUTOG . . . . .	100	6	-	-	-	-
WHITE PERCH . . . . .	-	-	-	-	7,400	1,137
UNCLASSIFIED, FOR FOOD . . . . .	-	-	-	-	400	24
LOBSTERS, NORTHERN . . . . .	108,300	92,171	-	-	-	-
TURTLES, SNAPPER . . . . .	-	-	60,700	\$9,187	-	-
TOTAL . . . . .	111,300	92,979	60,700	9,187	265,600	38,155

SPECIES	GILL NETS - CONTINUED					
	DRIFT				RUNAROUND	
	SHAD		OTHER		POUNDS	VALUE
BLUEFISH . . . . .	-	-	179,800	\$27,884	175,900	\$31,540
BONITO . . . . .	-	-	8,100	1,425	100	17
BUTTERFISH . . . . .	-	-	1,800	264	1,200	156
COD . . . . .	-	-	300	36	-	-
ORUM, BLACK . . . . .	-	-	6,300	416	-	-
KING WHITING OR "KINGFISH" . . . . .	-	-	-	-	800	125
MACKEREL, ATLANTIC . . . . .	-	-	136,900	14,230	200	20
MENHAEN . . . . .	2,200	\$66	138,100	4,431	500	25
MULLET, BLACK (LISA) . . . . .	-	-	-	-	1,600	192
POLLOCK . . . . .	-	-	100	5	-	-
SCUP OR FORGY . . . . .	-	-	300	50	700	113
SEA TROUT OR WEAKFISH, GRAY . . . . .	-	-	9,100	2,463	6,500	1,175
SHAD . . . . .	31,700	3,326	200	8	-	-
SPOT . . . . .	-	-	100	25	-	-
STRIPED BASS . . . . .	11,200	2,286	4,600	953	41,300	9,876
STURGEON, COMMON . . . . .	-	-	200	49	100	16
TAUTOG . . . . .	-	-	-	-	100	9
TUNA:						
BLUEFIN . . . . .	-	-	9,800	713	-	-
LITTLE . . . . .	-	-	100	9	700	52
WHITE PERCH . . . . .	12,600	2,140	18,900	4,162	-	-
WHITING . . . . .	-	-	5,300	263	200	14
UNCLASSIFIED, FOR FOOD . . . . .	-	-	300	8	100	10
TOTAL . . . . .	57,700	7,818	520,300	57,394	230,000	43,340

SPECIES	LINES					
	HAND		TROLL		LONG OR SET WITH HOOKS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUEFISH . . . . .	1,800	\$316	4,000	\$921	-	-
COD . . . . .	500	60	-	-	15,900	\$1,937
HAKE, RED . . . . .	2,400	119	-	-	-	-
MACKEREL, ATLANTIC . . . . .	49,000	4,751	-	-	-	-

(CONTINUED ON NEXT PAGE)

# MIDDLE ATLANTIC FISHERIES

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## NEW JERSEY - LANDINGS OF CATCH BY GEAR, 1967 - Continued

SPECIES	LINES					
	HAND		TROLL		LONG OR SET WITH HOOKS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
SCUP OR PORGY . . . . .	2,400	\$363	-	-	-	-
SEA BASS . . . . .	1,600	360	-	-	-	-
SEA TROUT OR WEAKFISH, GRAY SHARK, UNCLASSIFIED . . . . .	300	65	-	-	-	-
STRIPED BASS . . . . .	5,700	1,185	400	\$63	3,100	\$126
SWOOPFISH . . . . .	-	-	-	-	256,600	86,412
TAUOG . . . . .	-	-	-	-	100	4
TUNA, BLUEFIN . . . . .	-	-	-	-	32,000	4,616
WHITING . . . . .	100	2	-	-	-	-
UNCLASSIFIED, FOR FOOD . . . . .	100	2	-	-	-	-
TOTAL . . . . .	63,900	7,243	4,400	984	307,700	93,095

SPECIES	DREDGES					
	CLAM		CONCH		CRAB	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FLOUNDER, FLUKE . . . . .	-	-	2,300	\$639	-	-
CRABS, BLUE, HARD . . . . .	-	-	-	-	47,600	\$5,960
CLAMS:						
HARD, PUBLIC . . . . .	452,100	\$151,812	-	-	-	-
SURF . . . . .	41,584,500	4,030,610	-	-	-	-
CONCHS . . . . .	85,100	14,804	33,400	5,774	600	147
TOTAL . . . . .	42,121,700	4,217,226	35,700	6,413	48,200	6,127

SPECIES	DREDGES - CONTINUED					
	OYSTER, COMMON		SCALLOP			
			BAY		SEA	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FLOUNDERS:						
BLACKBACK . . . . .	-	-	-	-	300	\$14
FLUKE . . . . .	-	-	-	-	1,600	450
GRAY SOLE . . . . .	-	-	-	-	400	23
YELLOWTAIL . . . . .	-	-	-	-	1,000	42
CLAMS, HARD, PRIVATE . . . . .	900	\$407	-	-	-	-
OYSTERS, PRIVATE:						
SPRING . . . . .	22,000	27,713	-	-	-	-
FALL . . . . .	926,100	813,727	-	-	-	-
SCALLOPS:						
BAY . . . . .	-	-	85,500	\$40,292	-	-
SEA . . . . .	-	-	-	-	211,900	143,601
TOTAL . . . . .	951,000	841,847	85,500	40,292	215,200	144,130

SPECIES	TONGS				RAKES	
	OYSTER		OTHER			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CLAMS, HARD, PUBLIC . . . . .	-	-	833,200	\$393,471	753,900	\$353,760
OYSTERS:						
PUBLIC:						
SPRING . . . . .	32,200	\$33,789	-	-	-	-
FALL . . . . .	39,800	35,963	-	-	-	-
PRIVATE:						
SPRING . . . . .	3,100	3,100	-	-	-	-
FALL . . . . .	2,000	2,700	-	-	-	-
TERRAPIN . . . . .	-	-	-	-	3,200	1,280
TURTLES:						
SNAPPER . . . . .	-	-	-	-	11,000	1,650
UNCLASSIFIED . . . . .	-	-	-	-	1,000	60
TOTAL . . . . .	77,100	75,552	833,200	393,471	769,100	356,750

SPECIES	HOES		BY HAND	
	POUNDS	VALUE	POUNDS	VALUE
	CLAMS:			
HARD, PUBLIC . . . . .	-	-	837,600	\$392,622
SOFT, PUBLIC . . . . .	60,200	\$25,083	48,200	20,072
TOTAL . . . . .	60,200	25,083	885,800	412,694

# MIDDLE ATLANTIC FISHERIES DELAWARE

## OPERATING UNITS BY GEAR, 1967

ITEM	HAUL SEINES, COMMON	FYKE AND HOOP NETS		POTS AND TRAPS		GILL NETS		
		FISH	TURTLE	CRAB	EEL	ANCHOR, SET OR STAKE	DRIFT	
							SHAD	OTHER
NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	
FISHERMEN:								
ON VESSELS . . . . .	-	-	-	-	-	-	-	2
ON BOATS AND SHORE:								
REGULAR . . . . .	-	18	3	15	2	10	4	2
CASUAL . . . . .	-	-	-	3	-	26	-	4
TOTAL . . . . .	2	18	3	18	2	36	4	8
VESSELS, MOTOR . . . . .	-	-	-	-	-	-	-	1
GROSS TONNAGE . . . . .	-	-	-	-	-	-	-	13
BOATS, MOTOR . . . . .	1	12	2	14	1	26	4	5
GEAR:								
NUMBER . . . . .	1	34	19	1,685	50	37	4	6
LENGTH, YARDS . . . . .	10	-	-	-	-	-	-	-
SQUARE YARDS . . . . .	-	-	-	-	-	42,650	1,900	34,400
		DREDGES		TONGS		RAKES	BY HAND	TOTAL, EXCLU- SIVE OF DUPLI- CATION
		CLAM	CRAB	OYSTER, COMMON	OYSTER				OTHER
		NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:								
ON VESSELS . . . . .	13	6	15	-	-	-	-	23
ON BOATS AND SHORE:								
REGULAR . . . . .	-	-	1	3	57	45	21	101
CASUAL . . . . .	-	-	-	-	63	171	67	321
TOTAL . . . . .	13	6	16	3	120	216	88	445
VESSELS, MOTOR . . . . .	4	2	3	-	-	-	-	6
GROSS TONNAGE . . . . .	145	87	92	-	-	-	-	170
BOATS, MOTOR . . . . .	-	-	1	3	120	58	-	212
GEAR:								
NUMBER . . . . .	8	4	7	3	120	216	-	-
YARDS AT MOUTH . . . . .	16	8	9	-	-	-	-	-

## DELAWARE - LANDINGS OF CATCH BY GEAR, 1967

SPECIES	HAUL SEINES, COMMON		FYKE AND HOOP NETS				POTS AND TRAPS	
			FISH		TURTLE		CRAB	
			POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
EEL, COMMON . . . . .	8,000	\$960	400	\$60	-	-	-	-
FLOUNDER, BLACKBACK . . . . .	-	-	19,400	970	-	-	-	-
SEA TROUT OR WEAKFISH, GRAY . . . . .	-	-	600	94	-	-	-	-
WHITE PERCH . . . . .	-	-	2,500	300	-	-	-	-
CRABS, BLUE, HARD . . . . .	-	-	-	-	-	-	253,600	\$31,556
TURTLES, SNAPPER . . . . .	-	-	-	-	1,800	\$290	-	-
TOTAL . . . . .	8,000	960	22,900	1,414	1,800	290	253,600	31,556
			POTS AND TRAPS - CONTINUED		GILL NETS			
			EEL		ANCHOR, SET OR STAKE		DRIFT	
							SHAD	OTHER
			POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUEFISH . . . . .	-	-	-	300	-	-	-	-
CARP . . . . .	-	-	-	256	-	-	-	-
EEL, COMMON . . . . .	24,000	\$4,080	3,200	-	-	-	-	-
MACKEREL, ATLANTIC . . . . .	-	-	-	-	-	-	30,700	\$3,557
SEA TROUT OR WEAKFISH, GRAY . . . . .	-	-	6,900	765	-	-	-	-
SHAD . . . . .	-	-	19,200	3,887	6,300	\$1,386	-	-
STRIPED BASS . . . . .	-	-	65,300	11,209	-	-	1,200	276
WHITE PERCH . . . . .	-	-	15,300	1,665	-	-	2,600	312
WHITING . . . . .	-	-	-	-	-	-	1,400	42
UNCLASSIFIED, BAIT, REDUC- TION, AND ANIMAL FOOD . . . . .	-	-	-	-	-	-	8,300	207
TOTAL . . . . .	24,000	4,080	110,400	18,042	6,300	1,386	44,200	4,394

(CONTINUED ON NEXT PAGE)

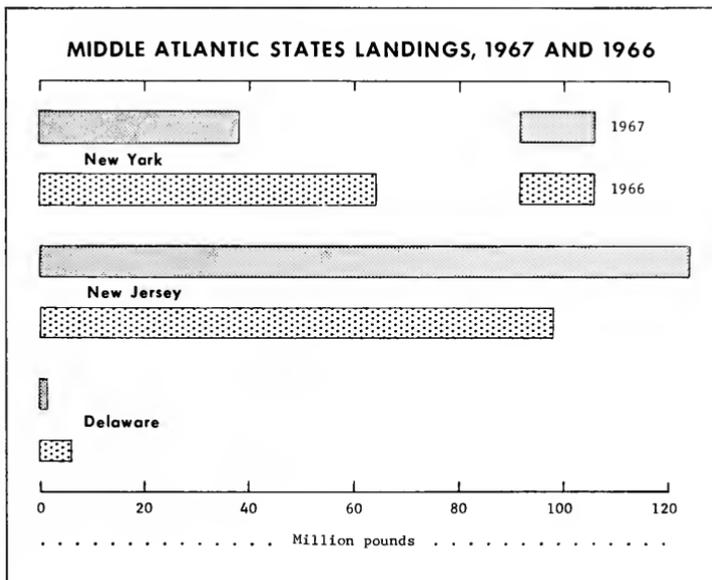
# MIDDLE ATLANTIC FISHERIES

## DELAWARE - LANDINGS OF CATCH BY GEAR, 1967 - Continued

SPECIES	DREOGES						TONGS	
	CLAM		CRAB		OYSTER, COMMON		OYSTER	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CRABS, BLUE, HARD . . . . .	-	-	34,300	\$2,788	-	-	-	-
CLAM, HARD, PRIVATE . . . . .	40,900	\$16,624	-	-	-	-	-	-
OYSTERS, MARKET, PRIVATE, FALL . . . . .	-	-	-	-	46,900	\$32,248	14,400	\$7,752
TOTAL . . . . .	40,900	16,624	34,300	2,788	46,900	32,248	14,400	7,752

SPECIES	TONGS - CONT INUED		RAKES		BY HAND	
	OTHER		POUNDS	VALUE	POUNDS	VALUE
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CLAMS, HARD, PUBLIC . . . . .	129,300	\$69,049	111,700	\$59,648	16,500	\$8,811
TOTAL . . . . .	129,300	69,049	111,700	59,648	16,500	8,811



## MIDDLE ATLANTIC FISHERIES

## HUDSON RIVER SHAD FISHERY

The Hudson River run of shad yielded commercial landings of 49,790 fish weighing 176,358 pounds worth \$28,526 to the fishermen. Compared with a year earlier, this was a gain of 52 percent in poundage and 88 percent in value. The average price received by fishermen increased from 13 cents in 1966 to 16 cents in 1967.

Seventy-one fishermen participated in the Hudson River commercial shad and alewife

fishery--two more than in the previous year. Except for the 1966 production, landings were the smallest since 1925, and much less than the record harvest of 3,809,400 pounds taken in 1944.

Statistics on the 1967 operating units and landings of shad in the Hudson River by New York and New Jersey fishermen are included in the operating unit and landing data for those States.



SHAD

## SUMMARY OF OPERATING UNITS AND LANDINGS, 1967

ITEM	NEW YORK			NEW JERSEY			TOTAL		
	NUMBER		VALUE	NUMBER	POUNDS	VALUE	NUMBER	POUNDS	VALUE
<b>OPERATING UNITS</b>									
FISHERMEN, ON BOATS AND SHORE:									
REGULAR . . . . .	4			3			7		
CASUAL . . . . .	56			6			64		
TOTAL . . . . .	62			9			71		
BOATS, MOTOR . . . . .									
GEAR, GILL NETS:	37			3			40		
ANCHOR, SET OR STAKE . .	19			3			22		
SQUARE YARDS . . . . .	41,762			11,111			52,893		
DRIFT . . . . .	22			-			22		
SQUARE YARDS . . . . .	73,746			-			73,746		
<b>LANDINGS</b>									
SHAD, GILL NETS:									
ANCHOR, SET OR STAKE . .	9,571	33,668	\$5,764	27,381	99,667	\$16,976	35,952	133,555	\$22,740
DRIFT . . . . .	12,838	42,603	5,786	-	-	-	12,838	42,603	5,786
TOTAL . . . . .	22,409	76,491	11,550	27,381	99,667	16,976	49,790	176,358	28,526

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

# SECTION 4 - CHESAPEAKE FISHERIES

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Landings of commercially caught fish and shellfish at Maryland and Virginia ports were 422.3 million pounds worth \$35.4 million--a decline of 79.4 million pounds (16 percent) but a gain of \$211,000 (1 percent) compared with the previous year. Increases were principally in landings of oysters, spot, hard clams, surf clams, eels, alewives, sea herring, and soft and peeler blue crabs. Among the species that declined in volume were menhaden, hard blue crabs, soft clams, croaker, butterfish, scup, shad, striped bass, sea bass, sea scallops, swellfish, and unclassified fish used for bait, reduction, and animal food.

Virginia landings of 347.6 million pounds worth \$18.1 million were 82 percent of the volume and 51 percent of the value of the Chesapeake States catch of fish and shellfish. Menhaden were 63 percent and blue crabs, 16 percent of the Virginia landings. Maryland accounted for the remaining Chesapeake production with 74.7 million pounds valued at \$17.3 million. Blue crab landings were 36 percent of the Maryland catch followed by oysters, 22 percent; clams, 9 percent; and industrial fish, 8 percent.

**Fishermen and vessels.** The Chesapeake area had 18,193 fishermen operating 1,419 vessels of 5 net tons or more, 10,722 motor boats, and 707 other boats. This was a decrease of 585 fishermen, 41 vessels, and 82 other boats, but an increase of 652 motor boats compared with the previous year.

**Labor.** In 1967, as in other recent years, management officials had difficulty obtaining enough employees to operate the packing houses efficiently. Many workers obtained steadier employment and more remunerative positions in other areas. The Chesapeake area was relatively free from labor-management disputes, although crabbers in the York-Rappahannock River areas of Virginia were dissatisfied with their earnings early in the summer and declared their intention of joining a union. They finally did not organize but by their own efforts succeeded in getting a 1 cent a pound increase in the price of crabs, compared with the previous year. Again in December, when the winter crab dredge season opened, crewmen on the vessels refused to start dredging until they received \$6 per 100-pound barrel. The buyers offered \$5. Finally, buyers and crewmen compromised for \$5.50 per barrel and, after a 4-day tie-up, the fleet put out to sea.

**Legislation.** There were no changes or additions to existing laws in Virginia; however, Maryland laws were passed to allow the use of hydraulic dredges for harvesting hard clams in Chincoteague Bay and Pocomoke Sound and to establish a minimum size limit of 1 inch for hard clams. Prior to this time, Maryland had no size limit for hard clams. Maryland also enacted a law designating specific legal buying stations within the State for bivalve mollusks.

**Menhaden.** Landings of 223.3 million pounds were 54.6 million less than in 1966. About 93 percent of the catch was made within the Chesapeake Bay and its tributaries; the rest was taken by purse seines in the Atlantic Ocean. For the fourth consecutive year the Chesapeake Bay continued to be the main source of this valuable industrial fish on the U.S. east coast. One reduction plant in Reedville, Va., closed in July for the season because of a shortage of fish.

**Alewives.** Landings of 30.4 million pounds were nearly 500,000 pounds more than in 1966. Twenty-eight percent of this production was taken from the Potomac River. The alewife run was late, and more than 50 percent of the catch was made in May. The canneries increased the exvessel price slightly to \$2.30 per 100 pounds, although last year's price of \$2 per 100 pounds was retained in the Potomac River.

**Scup.** The 4.7-million-pound scup production was 45 percent less than in the previous year, and the smallest harvest since 1942. Despite the decrease in landings, the average price per pound declined from 9.9 cents in 1966 to 8.8 cents in 1967, because small fish made up 71 percent of the catch. Only 14 percent of the fish were graded large. The catch decline may be related to the presence of a large Russian fishing fleet off the Middle Atlantic coast in recent years.

**Spot.** Landings of 4.5 million pounds were 3.3 million more than in 1966, and the largest production since 1958. In recent years, spot landings were on a downward trend, and their return in volume was welcomed by fishermen for whom they are a mainstay of the late summer fishery. Exvessel prices ranged from 3 to 20 cents per pound because all sizes were represented in the landings.

**Sea bass.** Landings of 1.6 million pounds worth \$232,000 were 25 percent less than in

# CHESAPEAKE FISHERIES

1966, and the smallest production since 1942. The average exvessel price was 14.8 cents per pound. Most of the fish were small and averaged about 10 cents per pound; medium-sized fish averaged 25 cents, and large fish, 50 cents per pound.

**Longline fishery.** Fishermen using longlines caught 145,200 pounds of swordfish in 16 trips--compared with 88,500 pounds taken in 12 trips in 1966. As in other recent years, smaller fish (pups) predominated in the catch. Landings of the longline tuna fishery were 22,800 pounds compared with 7,500 pounds in the previous year.

**Blue crabs.** Hard blue crab landings of 79.4 million pounds declined 14.7 million compared with the record production of the previous year. The value, \$4.7 million, was \$1.2 million less than in 1966. Exvessel value declined from an average price per pound of 6.2 cents in 1966 to 5.9 cents in 1967. Unusually heavy landings of crabs during the summer accounted largely for the price reduction. Prices increased again in the fall as the supply of crabs declined. Crab meat wholesale prices, however, were about 15 to 20 cents more per pound than in the previous year (f.o.b. Hampton, Va.). The increase was caused principally by the greater cost of production, resulting from a higher minimum wage and higher costs for cans, ice, maintenance, utilities, and transportation.

Table 1.--Wholesale crab meat prices f.o.b. Hampton, Va., 1967

Month	Backfin lump	Regular	Claw
	Dollars per pound	Dollars per pound	Dollars per pound
January	1.85-2.10	0.95-1.00	0.90
February	2.00-2.25	1.00-1.15	0.90-1.00
March	2.15-2.35	1.00-1.15	0.90-1.00
April	1.90-2.35	0.95-1.10	0.85-0.95
May	1.70-2.00	0.95-1.05	0.85-0.95
June	1.70-2.25	1.05-1.25	0.85-1.00
July	2.05-2.10	1.00-1.10	0.80-0.95
August	1.90-2.05	0.90-1.10	0.70-0.90
September	2.00-2.25	1.00-1.10	0.90-0.95
October	2.10-2.25	1.00-1.10	0.90-1.00
November	2.10-2.50	1.05-1.20	0.95-1.05
December	2.30-2.50	1.10-1.25	0.90-1.05

Source:--The Bureau's Market News Service, Hampton, Va.

Crab-pot and trot-line fishermen had better early season catches (April to June) than in 1966, but their landings during the rest of the year were smaller, especially from September through November. July and August were the best production months, as usual. During the Virginia crab dredge season exvessel prices ranged from an average of 5 to 7 cents per pound between January and March, as catches decreased. The limit was 25 barrels per boat per day in both seasons. In December, the price was 5.5 cents per pound.

Soft and peeler blue crab landings were 3.4 million pounds--17 percent more than in 1966. Favorable weather at the time of the first large-scale molting in the spring and throughout the summer was largely responsible for the greater landings. The exvessel price, \$1.3 million, was nearly \$200,000 more than in 1966.

**Northern lobster.** Landings of 216,000 pounds of northern lobsters were a record harvest for the area. Draggers landed most of their catch at Hampton, Va., but also made a few trips to Ocean City, Md. The largest landings made prior to 1967, were in 1965 when 48,000 pounds were taken. Previously, lobsters were taken only incidentally in otter trawls or fish pots.

**Soft clams.** Landings of 5.2 million pounds of soft clam meats worth \$1.6 million were 2.2 million pounds and \$117,000 less than in the previous year. Clams were in short supply, and exvessel prices increased, ranging from \$3.50 to \$4 per bushel. Maryland produced all but 31,000 pounds of the catch.

Maryland clam production declined primarily because the Potomac River clam population had large mortalities during the late summer of 1966. The reason for the mortalities is not known, but high water temperatures and lack of oxygen may have been contributing factors. Production in the Potomac River, which usually supplies about one-third of the total harvest, was 88 percent less than in the previous year. The decline caused fishermen to try other areas and resulted in overfishing of some clam beds. A reclassification of some soft clam areas as oyster beds also reduced available stocks.

The small Virginia landings reflected the indifference of the packing industry to soft clam processing and led the Virginia Fisheries Commission to grant \$21,000 for a survey of the soft clam resources of the State, in the hope of arousing interest.

Surf clams. Landings of 1.1 million pounds of surf clam meats were 80 percent more than in the previous year. Increased fishing effort accounted largely for the greater harvest. Two Ocean City, Md., vessels operated full time in 1967--compared with one vessel operating part time for bait a year earlier. The 1967 production was further increased with catches made by a New Jersey dredge boat.

Oysters. Landings of 25.8 million pounds of oyster meats worth \$17.3 million were 4.6 million pounds and \$2.8 million greater than in the previous year. Oysters accounted for 49 percent of the total exvessel value of the fisheries of the Chesapeake States.

Virginia produced 9.1 million pounds of meat--a decline of 375,000 pounds compared with 1966, and the smallest Virginia landings on record. The Virginia oyster beds have not yet recovered from the ravages of the *Minchinia nelsoni* (MSX) organism that decimated them in the early 1960's. The only hope for the industry appears to be to develop a disease resistant strain of oysters. This may require some time, and many years may elapse before the fishery returns to previous production levels.

The Maryland harvest increased from 11.8 million pounds of meats in 1966 to 16.7 million in 1967. Production has increased steadily since 1963, chiefly because of the shell and seed planting program carried on by the State during the last 7 years. For the second consecutive year, Maryland produced more oysters than any other State.

In the Potomac River, the phenomenal production that continued through the fall of 1967 again attracted oyster tongs from both States. The large 1963 year class provided the bulk of the harvest. Production of 4.6 million pounds of meats was 1.1 million greater than in the previous year. To adjust the supply of oysters to consumer demand, the Potomac River Fisheries Commission established a 3-day work week on the river in October. The number of days was gradually increased during November and December until a full 6-day week was allowed. More than 2,500 tongs worked on the river--about twice as many as in 1966. Many Virginia fishermen came because their usual grounds in the State were depleted. Oysters in the Potomac River continued to bring high exvessel prices (\$4.50 to \$6 per Maryland bushel) and produced yields averaging 7 pints per bushel.

Table 2.--Wholesale shucked oyster prices f.o.b. Hampton, Va., 1967

Month	Standards <sup>1</sup>	Selects <sup>2</sup>
	Dollars per gallon	Dollars per gallon
January	7.50-8.50	8.50-9.50
February	7.50	8.50
March	7.50-8.00	7.50-8.00
April	7.00-7.50	8.00-8.50
May	7.00-7.50	8.00-8.50
June	7.25	8.25
July	7.25	8.25
August	7.25-8.25	8.25-9.25
September	8.25	9.25
October	7.75-8.50	8.75-9.50
November	7.75	8.75
December	7.75	8.75

<sup>1</sup>Approximately 300-500 oysters a gallon.

<sup>2</sup>Approximately 210-300 oysters a gallon.

Source:--The Bureau's Market News Service, Hampton, Va.

Exvessel prices of all oysters ranged from \$2 to \$6 per bushel depending upon yield and demand. The lower prices, \$2 to \$2.50 were generally for the oysters sold to canneries. The average priced oysters, \$4 to \$5, were the shucking oysters. The highest priced oysters, \$5 to \$6 per bushel, generally went to the raw bar trade and brought \$13 to \$15 per bushel when shipped to market as "salts".

Wholesale prices per gallon of oysters averaged close to \$8 for standards, \$9 for selects, and \$10 for counts--or about 50 cents higher than in 1966. Increased production costs were responsible for the higher prices.

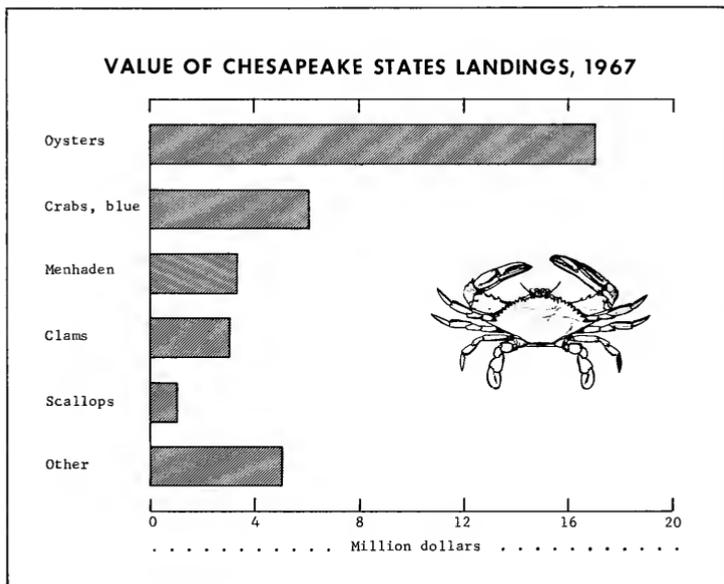
Sea scallops. Landings of sea scallop meats reached 1.6 million pounds--compared with 2.3 million in 1966, and 2.8 million pounds in 1965, the year the fishery first began off the Virginia coast. Only 20 vessels scalloped in 1967--compared with 30 in 1966, and 37 in 1965. The average catch per trip was 9,400 pounds of meats--2,000 less than a year earlier. The season began later than usual because scallops were scarce. The value, \$1.2 million, was 26 percent greater than in the previous year. The average price per pound increased from 40 cents in 1966 to 71 cents in 1967.

# CHESAPEAKE FISHERIES

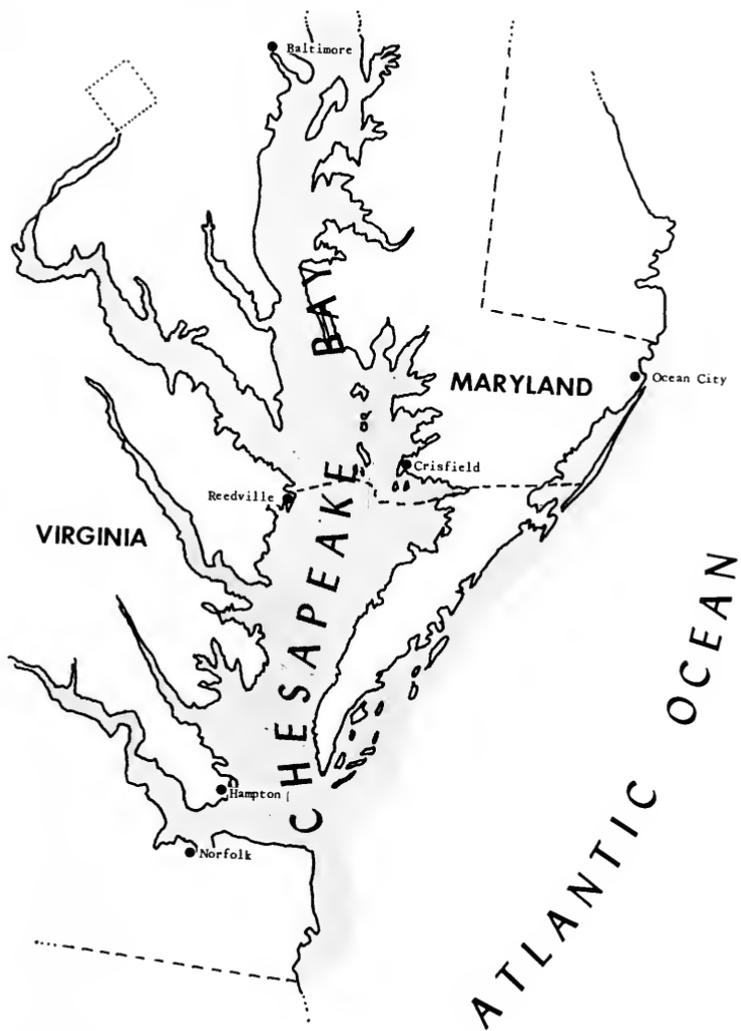
Other information. Condensed summary data on the operating units and landings by States, appearing on the following pages, have been previously published in Current Fishery Statistics No. 4935. Landings of fish and shellfish in the bay and ocean areas of Maryland and Virginia are shown at the end of this section. Additional data may be found in the monthly and annual Maryland and Virginia landing bulletins published by the Branch of Fishery Statistics in cooperation with the respective States. Information on the daily, monthly, and annual production of fishery products in se-

lected areas of these States is available in reports published by the Bureau's Fishery Market News Office at Hampton, Va..

Acknowledgments. The following organizations helped collect the data appearing in this section: Virginia Marine Resources Commission, Virginia Institute of Marine Science, Maryland Department of Chesapeake Bay Affairs, Natural Resources Institute of the University of Maryland, and the Potomac River Fisheries Commission.



# CHESAPEAKE FISHERIES



CHESAPEAKE STATES

# CHESAPEAKE FISHERIES

## SECTIONAL SUMMARIES

### SUMMARY OF LANDINGS, 1967

(MILLIONS OF POUNDS AND MILLIONS OF DOLLARS)

STATE	FISH		SHELLFISH, ETC.		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
MARYLAND. . . . .	24	1	50	16	74	17
VIRGINIA. . . . .	278	6	70	12	348	18
TOTAL. . . . .	302	7	120	28	422	35

### SUMMARY OF OPERATING UNITS, 1967

ITEM	MARYLAND	VIRGINIA	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER
FISHERMEN:			
ON VESSELS. . . . .	1,189	2,986	4,177
ON BOATS AND SHORE:			
REGULAR . . . . .	4,413	3,491	7,904
CASUAL . . . . .	4,108	2,044	6,152
TOTAL . . . . .	9,710	8,521	18,193
VESSELS:			
MOTOR . . . . .	497	895	1,375
GROSS TONNAGE . . . . .	5,506	22,575	27,782
SAIL. . . . .	44	-	44
GROSS TONNAGE . . . . .	555	-	555
TOTAL VESSELS . . . . .	541	895	1,419
TOTAL GROSS TONNAGE . . . . .	6,061	22,575	28,337
BOATS:			
MOTOR . . . . .	6,983	3,739	10,722
OTHER . . . . .	266	442	707
GEAR:			
HAUL SEINES, COMMON . . . . .	105	142	247
LENGTH, YARDS . . . . .	47,200	82,740	129,940
PURSE SEINES:			
MENHADEN. . . . .	-	38	38
LENGTH, YARDS . . . . .	-	14,255	14,255
TUNA. . . . .	1	-	1
LENGTH, YARDS . . . . .	960	-	960
OTHER TRAWLS:			
FISH . . . . .	21	69	86
YARDS AT MOUTH. . . . .	511	1,822	2,248
LOBSTER . . . . .	2	9	11
YARDS AT MOUTH. . . . .	55	263	318
POUND NETS:			
FISH . . . . .	229	836	1,062
CRAB. . . . .	-	2,798	2,798
FYKE AND HOOP NETS, FISH.	246	324	570
POTS AND TRAPS:			
CRAB. . . . .	88,685	114,903	203,488
EEL . . . . .	7,511	4,703	12,214
FISH. . . . .	830	4,835	5,665
TURTLE. . . . .	216	407	623
GILL NETS:			
ANCHOR, SET OR STAKE. . . . .	1,425	1,598	3,021
SQUARE YARDS. . . . .	1,771,225	780,205	2,549,331
DRIFT:			
SHAD. . . . .	-	244	244
SQUARE YARDS. . . . .	-	199,800	199,800
OTHER . . . . .	546	495	1,038
SQUARE YARDS. . . . .	883,392	333,130	1,192,522
LINES:			
HAND. . . . .	841	746	1,587
HOOKS . . . . .	841	746	1,587
LONG OR SET WITH HOOKS.	257	72	329
HOOKS . . . . .	76,400	16,580	92,980
TROT WITH BAITS . . . . .	3,060	60	3,119
BAITS . . . . .	1,044,900	36,100	1,080,700
DIP NETS, COMMON. . . . .	59	99	158
SCRAPES . . . . .	110	212	322
YARDS AT MOUTH. . . . .	110	216	326

(CONTINUED ON NEXT PAGE)

# CHESAPEAKE FISHERIES

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## SUMMARY OF OPERATING UNITS, 1967 - Continued

ITEM	MARYLAND		VIRGINIA		TOTAL, EXCLUSIVE OF DUPLICATION	
	NUMBER		NUMBER		NUMBER	
GEAR - CONTINUED:						
DREDGES:						
CLAM . . . . .	226		32		258	
YARDS AT MOUTH . . . . .	233		33		266	
CONCH . . . . .	-		4		4	
YARDS AT MOUTH . . . . .	-		5		5	
CRAB . . . . .	-		283		283	
YARDS AT MOUTH . . . . .	-		503		503	
OYSTER, COMMON . . . . .	131		375		506	
YARDS AT MOUTH . . . . .	148		408		556	
SCALLOP, SEA . . . . .	-		36		36	
YARDS AT MOUTH . . . . .	-		126		126	
TOWNS:						
OYSTER . . . . .	4,370		3,622		7,990	
OTHER . . . . .	79		421		500	
RAKES, OTHER THAN OYSTER . . . . .	-		129		129	

## LANDINGS BY STATES, 1967

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	MARYLAND		VIRGINIA		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
FISH						
ALEEVES . . . . .	2,237	40	28,107	571	20,444	611
ANGLERFISH . . . . .	-	-	5	(1)	5	(1)
BLUEFISH . . . . .	18	2	120	14	138	16
BONITO . . . . .	(1)	(1)	3	(1)	3	(1)
BUTTERFISH . . . . .	45	4	1,110	89	1,155	93
CABIO . . . . .	-	-	3	(1)	3	(1)
CARP . . . . .	158	4	154	5	312	9
CATFISH AND BULLHEADS . . . . .	375	35	939	125	1,314	160
COO . . . . .	21	2	(1)	(1)	21	2
CRAPPIE . . . . .	3	(1)	-	-	3	(1)
CROAKER . . . . .	1	(1)	324	57	325	57
DRUM:						
BLACK . . . . .	18	1	190	12	208	13
RED . . . . .	-	-	1	(1)	1	(1)
EEL, COMMON . . . . .	274	32	691	111	965	143
FLOUNDERS:						
BLACKBACK . . . . .	178	7	798	35	976	42
FLUKE . . . . .	439	109	1,900	435	2,339	544
UNCLASSIFIED . . . . .	-	-	2	(1)	2	(1)
GARFISH . . . . .	-	-	(1)	-	(1)	-
GIZZARD SHAD . . . . .	13	(1)	16	(1)	29	(1)
HAKE, RED . . . . .	19	(1)	4	(1)	23	(1)
HARVESTFISH . . . . .	-	-	44	5	44	5
HERRING, SEA . . . . .	5	(1)	1,098	17	1,103	17
HICKORY SHAD . . . . .	7	1	28	2	35	3
HOGCHOKER . . . . .	2	(1)	-	-	2	(1)
KING WHITING OR "KINGFISH" . . . . .	3	(1)	24	3	27	3
MACKEREL:						
ATLANTIC . . . . .	43	5	645	74	688	79
KING . . . . .	-	-	3	1	3	1
SPANISH . . . . .	-	-	26	4	30	5
MENHADEN . . . . .	3,001	60	220,267	2,993	223,268	3,053
MULLET, BLACK (LISA) . . . . .	-	-	1	(1)	1	(1)
PIGFISH . . . . .	-	-	4	(1)	4	(1)
PIKE OR PICKEREL . . . . .	9	2	-	-	9	2
SCUP OR PORGY . . . . .	202	18	4,462	394	4,664	412
SEA BASS . . . . .	154	29	1,410	203	1,564	232
SEA ROBIN . . . . .	321	3	17	(1)	338	3
SEA TROUT OR WEAKFISH:						
GRAY . . . . .	85	7	600	59	685	66
SPOTTED . . . . .	-	-	4	1	4	1
SHAD . . . . .	867	130	2,138	181	3,005	311
SHARKS:						
GRAYFISH . . . . .	14	1	201	7	215	8
UNCLASSIFIED . . . . .	122	2	(1)	(1)	122	2
SPOT . . . . .	248	32	4,253	426	4,501	458
STRIPED BASS . . . . .	4,150	675	1,677	260	5,827	935
STURGEON, COMMON . . . . .	7	1	12	1	19	2
SUCKERS . . . . .	(1)	(1)	-	-	(1)	(1)
SUNFISH . . . . .	6	1	-	-	6	1

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

## CHESAPEAKE FISHERIES

## LANDINGS BY STATES, 1967 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	MARYLAND		VIRGINIA		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
FISH - CONTINUED						
SWELLFISH . . . . .	3,200	67	4,544	68	7,744	135
SMORFISH . . . . .	-	-	145	72	145	72
TAUTOG . . . . .	(1)	(1)	(1)	(1)	(1)	(1)
TILEFISH . . . . .	-	-	10	1	10	1
TUNA:						
BLUEFIN . . . . .	299	35	-	-	299	35
UNCLASSIFIED . . . . .	-	-	23	6	23	6
TOTAL TUNA . . . . .	299	35	23	6	322	41
WHITE PERCH . . . . .	1,247	172	445	53	1,692	225
WHITING . . . . .	59	2	40	2	99	4
YELLOW PERCH . . . . .	175	20	2	(1)	177	20
UNCLASSIFIED:						
FOR FOOD . . . . .	3	(1)	46	5	49	5
BAIT, REDUCTION, AND ANI- MAL FOOD . . . . .	6,215	37	1,226	21	7,443	58
TOTAL FISH . . . . .	24,347	1,537	277,764	6,313	302,111	7,850
SHELLFISH, ETC.						
CRABS, BLUE:						
HARD . . . . .	24,588	1,721	54,824	2,954	79,412	4,675
SOFT AND PEELER . . . . .	2,186	831	1,217	452	3,403	1,263
TOTAL CRABS . . . . .	26,774	2,552	56,041	3,406	82,815	5,938
LOBSTERS, NORTHERN . . . . .	19	15	197	114	216	129
CLAMS:						
HARD:						
PUBLIC . . . . .	296	152	1,648	925	1,944	1,077
PRIVATE . . . . .	-	-	212	122	212	122
SOFT, PUBLIC . . . . .	5,212	1,611	31	9	5,243	1,620
SURF . . . . .	1,149	106	-	-	1,149	106
TOTAL CLAMS . . . . .	6,657	1,869	1,891	1,056	8,548	2,925
CONCHS . . . . .	57	8	355	35	412	43
OYSTERS, MARKET:						
PUBLIC:						
SPRING . . . . .	5,805	3,768	1,490	997	7,295	4,765
FALL . . . . .	9,085	6,130	2,576	1,750	11,661	7,880
PRIVATE:						
SPRING . . . . .	1,267	967	2,671	1,723	3,958	2,690
FALL . . . . .	553	498	2,331	1,469	2,884	1,987
TOTAL OYSTERS . . . . .	16,730	11,363	9,068	5,959	25,798	17,322
SCALLOPS, SEA . . . . .	-	-	1,632	1,154	1,632	1,154
SQUID . . . . .	42	4	542	20	584	24
TERRAPIN . . . . .	9	3	4	2	13	5
TURTLES, SNAPPER . . . . .	31	5	157	34	188	39
TOTAL SHELLFISH, ETC. . . . .	50,319	15,819	69,887	11,780	120,206	27,599
GRAND TOTAL . . . . .	74,666	17,356	347,651	18,093	422,317	35,449

1/ LESS THAN 500 POUNDS OR \$500.

NOTE:-STATISTICS ON THE LANDINGS ARE SHOWN IN ROUND (LIVE) WEIGHT EXCEPT FOR SHELL MOLLUSKS. CLAMS, CONCHS, AND OYSTERS ARE REPORTED IN WEIGHT OF TOTAL MEATS; SCALLOPS, IN WEIGHT OF EDIBLE MEATS.

# CHESAPEAKE FISHERIES

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## LANDINGS OF CERTAIN SHELLFISH, 1967

(U.S. STANDARD BUSHELS)

SPECIES	MARYLAND		VIRGINIA		TOTAL	
	NUMBER	VALUE	NUMBER	VALUE	NUMBER	VALUE
CLAMS:						
HARD:						
PUBLIC . . . . .	36,938	\$152,202	205,975	\$924,930	242,913	\$1,077,132
PRIVATE . . . . .	-	-	26,512	122,171	26,512	122,171
SOFT, PUBLIC . . . . .	434,358	1,610,589	2,567	8,655	436,925	1,619,444
SURF . . . . .	67,594	106,368	-	-	67,594	106,368
CONCHS. . . . .	2,650	7,950	17,755	35,336	20,605	43,286
OYSTERS, MARKET:						
PUBLIC:						
SPRING . . . . .	1,222,063	3,768,393	314,367	996,546	1,536,430	4,764,939
FALL . . . . .	1,657,694	6,129,542	528,650	1,750,215	2,386,744	7,879,757
PRIVATE:						
SPRING . . . . .	264,271	967,335	622,657	1,722,654	886,928	2,689,989
FALL . . . . .	107,988	497,566	543,403	1,489,611	651,391	1,987,177
SCALLOPS, SEA . . . . .	-	-	272,067	1,153,505	272,067	1,153,505

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



## AVERAGE WEIGHTS OF CERTAIN SHELLFISH, 1967

(POUNDS OF MEATS PER U.S. STANDARD BUSHEL)

SPECIES	MARYLAND	VIRGINIA
	QUANTITY	QUANTITY
CLAMS:		
HARD:		
PUBLIC . . . . .	8.00	8.00
PRIVATE . . . . .	-	8.00
SOFT, PUBLIC . . . . .	12.00	12.00
SURF . . . . .	17.00	-
CONCHS. . . . .	20.00	20.00
OYSTERS, MARKET:		
PUBLIC:		
SPRING . . . . .	4.75	4.74
FALL . . . . .	4.69	4.67
PRIVATE:		
SPRING . . . . .	4.67	4.29
FALL . . . . .	5.12	4.29
SCALLOPS, SEA . . . . .	-	6.00

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

## CHESAPEAKE FISHERIES

## PROCESSED FISHERY PRODUCTS, 1967

ITEM	MARYLAND		VIRGINIA	
	QUANTITY	VALUE	QUANTITY	VALUE
ALELVIVES:				
CANNED:				
NATURAL . . . . .	STANDARD CASES	-	(1)	(1)
IN TOMATO SAUCE . . . . .	DO	-	(1)	(1)
ROE . . . . .	DO	-	(1)	(1)
SALTED . . . . .	POUNDS	(1)	2,667,190	\$411,437
MEAL AND SCRAP . . . . .	TONS	-	(1)	(1)
OIL . . . . .	1,000 POUNDS	-	(1)	(1)
SOLUBLES . . . . .	TONS	-	(1)	(1)
ANCHOVY PASTE, CANNED . . . . .	STANDARD CASES	(1)	-	-
BUTTERFISH, SMOKED . . . . .	POUNDS	(1)	-	-
CARP, SMOKED . . . . .	DO	(1)	-	-
CHUBS, SMOKED . . . . .	DO	(1)	-	-
COD SPECIALTIES, FROZEN (CAKES, BREADED AND COOKED) . . . . .	DO	-	(1)	(1)
FLOUNDER:				
FILLETS:				
FRESH AND FROZEN . . . . .	DO	-	529,493	251,470
BREADED RAW, FROZEN . . . . .	DO	-	(1)	(1)
SPECIALTIES, FROZEN (BREADED, WHOLE, STUFFED) . . . . .	DO	(1)	(1)	-
HADDOCK SPECIALTIES, FROZEN (CAKES, BREADED RAW) . . . . .	DO	-	(1)	(1)
HALIBUT STEAKS, FROZEN . . . . .	DO	-	(1)	(1)
HERRING, SEA:				
SPECIALTIES, CURED AND REFRIGERATED (BISMARCKS, PARTY SNACKS, ETC.) . . . . .	DO	(1)	-	-
SALTED . . . . .	DO	(1)	-	-
MENHADEN:				
MEAL AND SCRAP . . . . .	TONS	-	22,532	2,762,862
OIL . . . . .	1,000 POUNDS	-	20,463	939,028
SOLUBLES . . . . .	TONS	-	13,122	756,863
OCEAN PERCH FILLETS, FRESH . . . . .	POUNDS	-	(1)	(1)
POLLOCK FILLETS, FROZEN . . . . .	DO	-	(1)	(1)
SABLEFISH, SMOKED . . . . .	DO	(1)	-	-
SALMON:				
STEAKS, FROZEN . . . . .	DO	-	(1)	(1)
SMOKED . . . . .	DO	(1)	(1)	(1)
SEA BASS FILLETS, FROZEN . . . . .	DO	-	(1)	(1)
STRIPED BASS FILLETS, FROZEN . . . . .	DO	-	(1)	(1)
SMORGFISH STEAKS, FROZEN . . . . .	DO	-	(1)	(1)
TUNA:				
SPECIALTIES, FROZEN (PIES AND WITH NOODLES) . . . . .	DO	-	(1)	(1)
CANNED:				
REGULAR . . . . .	STANDARD CASES	(1)	-	-
SPECIALTIES (CREOLE) . . . . .	DO	(1)	-	-
ANIMAL FOOD . . . . .	DO	(1)	-	-
WHITTEFISH, SMOKED . . . . .	POUNDS	(1)	-	-
CRABS:				
BLUE:				
FRESH AND FROZEN:				
COOKED MEAT . . . . .	DO	4,008,749	\$5,181,337	3,817,298
SPECIALTIES:				
BREADED, RAW AND COOKED:				
CAKES . . . . .	DO	302,960	332,633	294,127
DEVILED . . . . .	DO	570,146	413,170	53,598
OTHER (CUTLETS, STICKS, SOFT- SHELL, IMPERIAL, AND COCK- TAILS REFRIGERATED) . . . . .	DO	369,533	302,438	-
CANNED (SOUP) . . . . .	STANDARD CASES	(1)	-	-
MEAL AND SCRAP . . . . .	TONS	3,359	172,782	3,553
KING, SPECIALTIES, FROZEN (CAKES) . . . . .	POUNDS	-	(1)	(1)
LOBSTER SOUP, CANNED . . . . .	STANDARD CASES	(1)	(1)	-
SHRIMP:				
BREADED, RAW AND COOKED, FROZEN . . . . .	POUNDS	(1)	(1)	(1)
SPECIALTIES:				
FRESH, COCKTAILS (REFRIGERATED) . . . . .	DO	(1)	(1)	-
OTHER, FROZEN (PORTIONS, STUFFED, BURGERS, ETC.) . . . . .	DO	(1)	(1)	(1)
CANNED (SOUP) . . . . .	STANDARD CASES	(1)	(1)	-
CLAMS:				
FRESH AND FROZEN:				
SHUCKED:				
HARD . . . . .	GALLONS	-	(1)	(1)
SOFT . . . . .	DO	534,407	3,230,285	-
SURF . . . . .	DO	-	(1)	(1)

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

# CHESAPEAKE FISHERIES

## PROCESSED FISHERY PRODUCTS, 1967 - Continued

ITEM	MARYLAND		VIRGINIA		
	QUANTITY	VALUE	QUANTITY	VALUE	
CLAMS-CONTINUED:					
FRESH AND FROZEN-CONTINUED:					
SPECIALTIES, FROZEN:					
BREADED, RAW AND COOKED . . . . .	POUNDS	1,016,937	\$1,020,299	(1)	(1)
OTHER (CHIPS, BREADED AND COOKED) . . . . .	DO	(1)	(1)	-	-
CANNED (CHOWDER AND IN SHELL) . . . . .	STANDARD CASES	(1)	(1)	-	-
CONCHS, STEAMED, FRESH. . . . .	POUNDS	-	-	(1)	(1)
OYSTERS:					
FRESH AND FROZEN:					
SHUCKED . . . . .	GALLONS	754,283	6,090,335	1,214,852	\$9,692,359
STEAMED . . . . .	POUNDS	-	-	851,800	1,414,700
BREADED, RAW AND COOKED . . . . .	DO	116,840	130,917	897,727	949,759
SHELL, GRIT AND LIME . . . . .	TONS	(1)	(1)	(1)	(1)
SCALLOPS, SEA, BREADED, RAW AND COOKED . . . . .	POUNDS	(1)	(1)	412,255	407,320
UNCLASSIFIED:					
FRESH AND FROZEN PACKAGED FISH:					
STICKS, BREADED:					
RAW . . . . .	DO	(1)	(1)	220,282	87,744
COOKED . . . . .	DO	(1)	(1)	-	-
PORTIONS:					
RAW:					
NOT BREADED . . . . .	DO	(1)	(1)	(1)	(1)
BREADED . . . . .	DO	(1)	(1)	184,005	65,827
BREADED AND COOKED . . . . .	DO	(1)	(1)	-	-
FISH AND SHELLFISH . . . . .	DO	43,211,140	19,210,988	2,310,255	1,295,000
CANNED . . . . .	STANDARD CASES	(2)	(2)	216,603	1,252,690
CURED . . . . .	POUNDS	(2)	(2)	-	-
INDUSTRIAL . . . . .	-	-	1,094,988	-	427,214
TOTAL . . . . .	-	-	37,180,172	-	26,527,500

1/ INCLUDED WITH UNCLASSIFIED.

2/ INCLUDED WITH UNCLASSIFIED FISH AND SHELLFISH.

NOTE:--SOME PRODUCTS HAVE BEEN PROCESSED FROM RAW PRODUCTS IMPORTED FROM ANOTHER STATE OR A FOREIGN COUNTRY; THEREFORE, THEY CANNOT BE CORRELATED DIRECTLY WITH THE CATCH WITHIN THE STATE. CERTAIN ITEMS ARE SHOWN IN AN INTERMEDIATE AND ALSO A MORE ADVANCED STAGE OF PROCESSING.

## SUMMARY OF PROCESSED PRODUCTS, 1967

(THOUSANDS OF DOLLARS)

ITEM	VALUE
PACKAGED:	
FRESH . . . . .	29,693
FROZEN . . . . .	16,948
CANNED . . . . .	6,149
CURED . . . . .	4,569
INDUSTRIAL . . . . .	6,349
TOTAL . . . . .	63,708

## VALUE OF PROCESSED PRODUCTS, BY STATES, 1967

(THOUSANDS OF DOLLARS)

STATE	VALUE
MARYLAND . . . . .	37,180
VIRGINIA . . . . .	26,528
TOTAL . . . . .	63,708

## WHOLESALE AND PROCESSING, 1967

ITEM	MARYLAND	VIRGINIA	TOTAL
WHOLESALE AND PROCESSING:			
ESTABLISHMENTS . . . . .	NUMBER	NUMBER	NUMBER
PERSONS ENGAGED . . . . .	276	314	590
AVERAGE FOR SEASON . . . . .	4,805	5,946	10,751
AVERAGE FOR YEAR . . . . .	3,620	3,845	7,465

# CHESAPEAKE FISHERIES MARYLAND

## OPERATING UNITS BY GEAR, 1967

ITEM	HAUL SEINES, COMMON	PURSE SEINES, TUNA	OTTER TRAWLS		POUND NETS	FYKE AND HOOP NETS, FISH
			FISH	LOBSTER		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS . . . . .	103	12	56	7	111	7
ON BOATS AND SHORE:						
REGULAR . . . . .	169	-	-	-	146	67
CASUAL . . . . .	168	-	-	-	38	12
TOTAL . . . . .	440	12	56	7	295	86
VESSELS, MOTOR . . . . .	20	1	21	2	22	4
GROSS TONNAGE . . . . .	186	481	653	115	200	48
BOATS:						
MOTOR . . . . .	88	2	-	-	53	48
OTHER . . . . .	102	-	-	-	79	2
GEAR:						
NUMBER . . . . .	105	1	21	2	229	246
LENGTH, YARDS . . . . .	47,200	960	-	-	-	-
YARDS AT MOUTH . . . . .	-	-	511	55	-	-
ITEM	POTS AND TRAPS				GILL NETS	
	CRAB	EEL	FISH	TURTLE	ANCHOR, SET OR STAKE	DRIFT
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS . . . . .	185	-	2	-	216	132
ON BOATS AND SHORE:						
REGULAR . . . . .	570	150	-	24	676	236
CASUAL . . . . .	204	52	6	2	629	299
TOTAL . . . . .	959	202	8	26	1,521	667
VESSELS, MOTOR . . . . .	163	-	1	-	111	68
GROSS TONNAGE . . . . .	1,307	-	14	-	1,066	699
BOATS:						
MOTOR . . . . .	680	174	5	24	899	413
OTHER . . . . .	-	-	-	-	51	4
GEAR:						
NUMBER . . . . .	88,685	7,511	830	216	1,425	545
SQUARE YARDS . . . . .	-	-	-	-	1,771,226	883,392
ITEM	LINES			DIP NETS, COMMON	SCRAPES	DREDGES
	HAND	LONG OR SET WITH HOOKS	TROT, WITH BAITS			
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS . . . . .	-	-	91	-	-	186
ON BOATS AND SHORE:						
REGULAR . . . . .	10	64	1,366	-	55	220
CASUAL . . . . .	161	198	1,423	59	-	2
TOTAL . . . . .	171	262	2,880	59	55	408
VESSELS, MOTOR . . . . .	-	-	86	-	-	90
GROSS TONNAGE . . . . .	-	-	662	-	-	1,134
BOATS:						
MOTOR . . . . .	61	243	2,554	9	55	130
OTHER . . . . .	-	-	-	45	-	-
GEAR:						
NUMBER . . . . .	841	257	3,080	59	110	266
YARDS AT MOUTH . . . . .	-	-	-	-	110	233
HOOKS OR BAITS . . . . .	841	76,400	1,044,900	-	-	-

(CONTINUED ON NEXT PAGE)

# CHESAPEAKE FISHERIES

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## MARYLAND - OPERATING UNITS BY GEAR, 1967 - Continued

ITEM	DREGGES - CONTINUED	TONGS		BY HAND	TOTAL, EXCLUSIVE OF DUPLICATION
	OYSTER, COMMON	OYSTER	OTHER		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS . . . . .	270	280	9	-	1,189
ON BOATS AND SHORE:					
REGULAR . . . . .	84	2,757	43	14	4,413
CASUAL . . . . .	-	1,333	27	16	4,108
TOTAL . . . . .	354	4,370	79	30	9,710
VESSELS:					
MOTOR . . . . .	8	240	8	-	497
GROSS TONNAGE . . . . .	94	1,968	61	-	5,506
SAIL . . . . .	44	-	-	-	44
GROSS TONNAGE . . . . .	535	-	-	-	555
TOTAL VESSELS . . . . .	52	240	8	-	541
TOTAL GROSS TONNAGE . . . . .	649	1,968	61	-	6,061
BOATS:					
MOTOR . . . . .	32	3,570	62	-	6,983
OTHER . . . . .	-	-	-	-	266
GEAR:					
NUMBER . . . . .	131	4,370	79	-	-
YARDS AT MOUTH . . . . .	148	-	-	-	-

## MARYLAND - LANDINGS OF CATCH BY GEAR, 1967

SPECIES	HAUL SEINES, COMMON		PURSE SEINES, TURIA		OTTER TRAWLS, FISH AND LOBSTER	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES . . . . .	8,100	\$139	-	-	-	-
BLUEFISH . . . . .	-	-	-	-	1,200	\$192
BUTTERFISH . . . . .	-	-	-	-	35,600	3,256
CARP . . . . .	125,800	3,026	-	-	-	-
CATFISH AND BULLHEADS . . . . .	47,000	4,561	-	-	-	-
COD . . . . .	-	-	-	-	21,000	1,983
CROAKER . . . . .	1,000	152	-	-	100	37
EEL, COMMON . . . . .	700	68	-	-	-	-
FLOUNDERS:						
BLACKBACK . . . . .	3,500	175	-	-	108,000	3,714
FLUKE . . . . .	1,200	298	-	-	421,700	105,114
HAKE, REG . . . . .	-	-	-	-	19,000	438
HERRING, SEA . . . . .	-	-	-	-	4,700	127
KING WHITING OR "KINGFISH" . . . . .	-	-	-	-	2,200	201
MENHADEN . . . . .	24,100	506	-	-	-	-
SCUP OR PORGY . . . . .	-	-	-	-	202,000	18,455
SEA BASS . . . . .	-	-	-	-	26,500	4,791
SEA ROBIN . . . . .	-	-	-	-	321,000	2,804
SEA TROUT OR WEAKFISH, GRAY . . . . .	200	30	-	-	72,800	4,811
SHAD . . . . .	300	48	-	-	-	-
SHARKS:						
GRAYFISH . . . . .	-	-	-	-	14,300	572
OTHER . . . . .	-	-	-	-	122,100	2,442
SPOT . . . . .	181,500	23,181	-	-	-	-
STRIPED BASS . . . . .	130,800	20,697	-	-	444,500	96,308
STURGEON, COMMON . . . . .	-	-	-	-	6,800	836
SUNFISH . . . . .	200	14	-	-	-	-
SWELLFISH . . . . .	200	4	-	-	12,300	264
TAUTOG . . . . .	-	-	-	-	400	10
TUNA, BLUEFIN . . . . .	-	-	299,300	\$35,461	-	-
WHITE PERCH . . . . .	134,900	17,019	-	-	-	-
WHITING . . . . .	-	-	-	-	59,200	2,259
YELLOW PERCH . . . . .	23,300	2,583	-	-	-	-
UNCLASSIFIED:						
FOR FOOD . . . . .	-	-	-	-	2,800	185
BAIT, REDUCTION, AND ANIMAL FOOD . . . . .	1,000	10	-	-	6,213,100	36,794
LOBSTERS, NORTHERN . . . . .	-	-	-	-	17,300	13,363
CONCHS . . . . .	-	-	-	-	25,000	3,750
SQUID . . . . .	-	-	-	-	42,100	3,903
TERRAPIN, DIAMONDBACK . . . . .	5,400	1,810	-	-	-	-
TOTAL . . . . .	689,200	74,321	299,300	35,461	8,198,700	306,609

(CONTINUED ON NEXT PAGE)

## CHESAPEAKE FISHERIES

## MARYLAND - LANDINGS OF CATCH BY GEAR, 1967 - Continued

SPECIES	POUND NETS, FISH		FYKE AND HOOP NETS, FISH	
	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES . . . . .	2,040,400	\$34,943	4,800	\$63
BLUEFISH . . . . .	12,700	1,600	-	-
BONITO . . . . .	200	23	-	-
BUTTERFISH . . . . .	9,000	969	-	-
CARP . . . . .	5,600	135	9,800	323
CATFISH AND BULLHEADS . . . . .	40,100	3,890	121,800	11,484
CRAPPIE . . . . .	300	23	2,500	190
CROAKER . . . . .	100	15	-	-
DRUM, BLACK . . . . .	18,000	900	-	-
EEL, COMMON . . . . .	8,700	866	900	90
FLOUNDER:				
BLACKBACK . . . . .	29,100	1,455	4,600	230
FLUKE . . . . .	6,500	1,612	9,800	2,431
HOGCHOKER . . . . .	1,800	25	-	-
MACKEREL, SPANISH . . . . .	3,600	648	-	-
MENHADEN . . . . .	2,897,200	57,655	-	-
PIKE OR PICKEREL . . . . .	200	40	4,800	1,035
SEA TROUT OR WEAFFISH, GRAY . . . . .	11,900	1,804	-	-
SHAD . . . . .	97,600	15,517	-	-
SPOT . . . . .	50,000	6,356	-	-
STRIPED BASS . . . . .	215,100	34,415	1,300	208
SUCKERS . . . . .	-	-	100	2
SUNFISH . . . . .	-	-	2,500	175
SWELLFISH . . . . .	639,200	12,907	-	-
WHITE PERCH . . . . .	126,700	18,107	56,200	7,999
YELLOW PERCH . . . . .	3,800	422	68,000	7,622
UNCLASSIFIED, FOR FOOD . . . . .	-	-	100	10
CRABS, BLUE:				
HARD . . . . .	35,600	2,492	-	-
SOFT AND PEELER . . . . .	190,000	72,200	-	-
TERRAPIN, DIAMONDBACK . . . . .	500	185	-	-
TOTAL . . . . .	6,443,900	269,204	287,200	31,882

SPECIES	POTS AND TRAPS					
	CRAB		EEL		FISH	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CATFISH AND BULLHEADS . . . . .	-	-	1,300	\$117	93,600	\$8,028
EEL, COMMON . . . . .	-	-	259,000	30,195	3,500	350
SEA BASS . . . . .	-	-	-	-	127,500	24,603
SWELLFISH . . . . .	2,548,200	\$53,694	-	-	100	11
YELLOW PERCH . . . . .	-	-	-	-	-	-
CRABS, BLUE:						
HARD . . . . .	12,833,600	893,202	-	-	-	-
SOFT AND PEELER . . . . .	254,700	96,665	-	-	-	-
LOBSTERS, NORTHERN . . . . .	-	-	-	-	1,600	1,371
TOTAL . . . . .	15,636,500	1,043,561	260,300	30,312	226,300	34,363

SPECIES	POTS AND TRAPS - CONTINUED				GILL NETS			
	TURTLE		ANCHOR, SET OR STAKE		DRIFT			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES . . . . .	-	-	257,900	\$4,139	25,800	\$425	-	-
BLUEFISH . . . . .	-	-	1,700	211	100	13	-	-
BUTTERFISH . . . . .	-	-	700	75	-	-	-	-
CARP . . . . .	-	-	12,800	308	4,400	106	-	-
CATFISH AND BULLHEADS . . . . .	-	-	48,200	4,545	9,200	891	-	-
CRAPPIE . . . . .	-	-	400	24	-	-	-	-
EEL, COMMON . . . . .	-	-	1,300	125	-	-	-	-
FLOUNDER, BLACKBACK . . . . .	-	-	32,100	1,605	300	15	-	-
GIZZARD SHAD . . . . .	-	-	12,000	265	600	12	-	-
HERRING, SEA . . . . .	-	-	-	-	100	2	-	-
HICKORY SHAD . . . . .	-	-	6,000	590	1,300	130	-	-
KING WHITING OR "KINGFISH" . . . . .	-	-	300	21	300	21	-	-
MACKEREL, ATLANTIC . . . . .	-	-	-	-	42,800	4,589	-	-
MENHADEN . . . . .	-	-	79,200	1,627	-	-	-	-

(CONTINUED ON NEXT PAGE)

# CHESAPEAKE FISHERIES

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## MARYLAND - LANDINGS OF CATCH BY GEAR, 1967 - Continued

SPECIES	POTS AND TRAPS - CONTINUED		GILL NETS			
			ANCHOR, SET OR STAKE		DRIFT	
	TURTLE		POUNDS	VALUE	POUNDS	VALUE
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
PIKE OR PICKEREL. . . . .	-	-	3,600	\$720	-	-
SEA TROUT OR WEAKFISH, GRAY SHAD. . . . .	-	-	100	15	-	-
SPOT. . . . .	-	-	532,700	78,641	236,400	\$35,719
STRIPED BASS. . . . .	-	-	3,900	584	1,600	203
SUNFISH. . . . .	-	-	2,310,800	348,617	936,700	149,610
WHITE PERCH. . . . .	-	-	3,600	252	-	-
YELLOW PERCH. . . . .	-	-	637,300	88,106	262,300	36,504
UNCLASSIFIED:			67,800	8,152	12,400	1,378
FOR FOOD. . . . .	-	-	100	10	-	-
BAIT, REDUCTION, AND ANI- MAL FOOD. . . . .	-	-	-	-	600	6
TURTLES, SNAPPER. . . . .	30,900	\$4,670	-	-	-	-
TOTAL. . . . .	30,900	4,670	4,012,500	538,632	1,536,900	229,824

SPECIES	LINES					
	HAND		LONG OR SET WITH HOOKS		TROT WITH BAITS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUEFISH. . . . .	1,600	\$180	-	-	-	-
BONITO. . . . .	100	10	-	-	-	-
CATFISH AND BULLHEADS. . . . .	-	-	13,400	\$1,070	-	-
SPOT. . . . .	11,300	1,435	-	-	-	-
STRIPED BASS. . . . .	109,000	24,906	-	-	-	-
WHITE PERCH. . . . .	29,500	4,007	-	-	-	-
UNCLASSIFIED, FOR FOOD. . . . .	400	44	-	-	-	-
CRABS, BLUE:						
HARD. . . . .	-	-	-	-	11,634,200	\$619,430
SOFT AND PEELER. . . . .	-	-	-	-	163,700	62,467
TOTAL. . . . .	152,100	30,582	13,400	1,070	11,797,900	681,897

SPECIES	DIP NETS, COMMON		SCRAPES		DREDGES	
					CLAM	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CRABS, BLUE:						
HARD. . . . .	11,900	\$900	72,603	\$5,155	-	-
SOFT AND PEELER. . . . .	19,300	7,348	1,558,600	592,268	-	-
CLAMS:						
HARD, PUBLIC. . . . .	-	-	-	-	242,000	\$124,903
SOFT, PUBLIC. . . . .	-	-	-	-	5,212,300	1,610,589
SURF. . . . .	-	-	-	-	1,149,100	106,368
CONCHS. . . . .	-	-	-	-	29,000	4,200
TERRAPIN, DIAMONDBACK. . . . .	-	-	3,100	1,147	-	-
TOTAL. . . . .	31,200	8,248	1,634,300	598,570	6,632,400	1,846,060

SPECIES	DREDGES - CONTINUED		TONGS				BY HAND	
			OYSTER		OTHER			
	OYSTER, COMMON		POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CLAMS, HARD, PUBLIC. . . . .	-	-	-	-	47,500	\$24,179	6,000	\$3,120
OYSTERS, MARKET:								
PUBLIC:								
SPRING. . . . .	1,336,200	\$845,586	4,468,600	\$2,922,807	-	-	-	-
FALL. . . . .	1,836,400	1,216,721	7,248,700	4,912,821	-	-	-	-
PRIVATE:								
SPRING. . . . .	850,100	682,897	436,900	284,438	-	-	-	-
FALL. . . . .	486,600	456,375	66,300	41,191	-	-	-	-
TOTAL. . . . .	4,509,300	3,201,579	12,220,500	8,161,257	47,500	24,179	6,000	3,120

# CHESAPEAKE FISHERIES

## VIRGINIA

### OPERATING UNITS BY GEAR, 1967

ITEM	HAUL SEINES, COMMON	PURSE SEINES, MENHADEN	OTTER TRAWLS		POUND NETS	
			FISH	LOBSTER	FISH	CRAB
	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>
FISHERMEN:						
ON VESSELS . . . . .	150	562	267	44	386	9
ON BOATS AND SHORE:						
REGULAR . . . . .	260	-	6	-	774	296
CASUAL . . . . .	154	-	-	-	457	140
TOTAL . . . . .	564	562	273	44	1,617	445
VESSELS, MOTOR. . . . .	31	38	66	9	74	8
GROSS TONNAGE . . . . .	309	9,533	4,428	672	813	57
BOATS:						
MOTOR . . . . .	213	76	3	-	290	403
OTHER . . . . .	111	-	-	-	359	-
GEAR:						
NUMBER . . . . .	142	38	69	9	836	2,798
LENGTH, YARDS . . . . .	82,740	14,255	-	-	-	-
YARDS AT MOUTH. . . . .	-	-	1,822	263	-	-
ITEM	FYKE AND HOOP NETS, FISH	POTS AND TRAPS				GILL NETS
		CRAB	EEL	FISH	TURTLE	ANCHOR, SET OR STAKE
	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>
FISHERMEN:						
ON VESSELS . . . . .	-	322	-	6	-	195
ON BOATS AND SHORE:						
REGULAR . . . . .	82	698	68	65	9	601
CASUAL . . . . .	46	244	48	51	11	519
TOTAL . . . . .	128	1,264	116	122	20	1,255
VESSELS, MOTOR. . . . .	-	194	-	3	-	68
GROSS TONNAGE . . . . .	-	1,397	-	48	-	559
BOATS:						
MOTOR . . . . .	103	903	113	103	16	881
OTHER . . . . .	14	-	-	6	4	31
GEAR:						
NUMBER . . . . .	324	114,903	4,703	4,835	407	1,598
SQUARE YARDS. . . . .	-	-	-	-	-	780,205
ITEM	GILL NETS - CONTINUED		LINES			DIP NETS, COMMON
	DRIFT		HAND	LONG OR SET WITH HOOKS	TROT WITH BAITS	
	SHAD	OTHER				
	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>
FISHERMEN:						
ON VESSELS . . . . .	-	104	-	34	10	-
ON BOATS AND SHORE:						
REGULAR . . . . .	176	310	16	32	45	59
CASUAL . . . . .	175	310	24	34	9	40
TOTAL . . . . .	351	724	40	100	64	99
VESSELS, MOTOR. . . . .	-	49	-	5	8	-
GROSS TONNAGE . . . . .	-	473	-	616	54	-
BOATS:						
MOTOR . . . . .	200	376	32	60	52	99
OTHER . . . . .	6	-	8	6	-	-
GEAR:						
NUMBER . . . . .	244	495	746	72	60	99
SQUARE YARDS. . . . .	199,800	333,130	-	-	-	-
HOOKS OR BAITS. . . . .	-	-	746	16,580	36,100	-

(CONTINUED ON NEXT PAGE)

# CHESAPEAKE FISHERIES

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## VIRGINIA - OPERATING UNITS BY GEAR, 1967 - Continued

ITEM	SCRAPES	DREDGES				
		CLAM	CONCH	CRAB	OYSTER, COMMON	SCALLOP, SEA
		NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS . . . . .	24	7	7	411	301	199
ON BOATS AND SHORE:						
REGULAR . . . . .	70	37	-	4	239	-
CASUAL . . . . .	13	6	-	-	108	-
TOTAL . . . . .	107	50	7	415	648	199
VESSELS, MOTOR . . . . .	23	3	3	152	129	18
GROSS TONNAGE . . . . .	177	22	19	2,757	1,303	2,009
BOATS, MOTOR . . . . .	83	21	-	2	183	-
GEAR:						
NUMBER . . . . .	212	32	4	283	375	36
YARDS AT MOUTH . . . . .	216	33	5	503	406	126

ITEM	TONGS		RAKES	BY HAND	TOTAL, EXCLUSIVE OF DUPLICATION
	OYSTER	OTHER			
	NUMBER	NUMBER			
FISHERMEN:					
ON VESSELS . . . . .	660	150	-	-	2,985
ON BOATS AND SHORE:					
REGULAR . . . . .	2,261	198	85	69	3,491
CASUAL . . . . .	701	73	44	24	2,044
TOTAL . . . . .	3,622	421	129	93	8,521
VESSELS, MOTOR . . . . .	308	80	-	-	895
GROSS TONNAGE . . . . .	2,361	593	-	-	22,575
BOATS:					
MOTOR . . . . .	2,042	225	30	-	3,739
OTHER . . . . .	-	-	-	-	442
GEAR, NUMBER . . . . .	3,622	421	129	-	-

## VIRGINIA - LANDINGS OF CATCH BY GEAR, 1967

SPECIES	HAUL SEINES, COMMON		PURSE SEINES, MENHADEN		OTTER TRAMLS	
					FISH	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES . . . . .	2,680,800	\$58,813	-	-	-	-
ANGLERFISH . . . . .	-	-	-	-	4,900	\$195
BLUEFISH . . . . .	34,900	3,893	-	-	4,700	617
BONITO . . . . .	1,000	85	-	-	-	-
BUTTERFISH . . . . .	174,000	13,606	-	-	566,800	43,236
CABIO . . . . .	1,500	105	-	-	-	-
CARP . . . . .	97,600	2,917	-	-	-	-
CATFISH AND BULLHEADS	103,000	14,058	-	-	-	-
COD . . . . .	-	-	-	-	300	37
CROAKER . . . . .	88,700	15,005	-	-	28,000	4,629
CRUM:						
BLACK . . . . .	19,600	588	-	-	1,300	110
RED . . . . .	300	24	-	-	-	-
EEL, COMMON . . . . .	53,500	8,396	-	-	-	-
FLOUNDERS:						
BLACKBACK . . . . .	73,800	3,703	-	-	467,500	20,552
FLUKE . . . . .	43,400	9,323	-	-	1,744,600	400,628
UNCLASSIFIED . . . . .	-	-	-	-	400	19
GIZZARD SHAD . . . . .	12,600	158	-	-	-	-
HAKE, RED . . . . .	-	-	-	-	4,000	159
HARVESTFISH . . . . .	16,500	1,900	-	-	-	-
HERRING, SEA . . . . .	75,400	1,135	-	-	8,500	128
HICKORY SHAD . . . . .	3,300	179	-	-	-	-
KING WHITING . . . . .	7,400	793	-	-	3,900	439

(CONTINUED ON NEXT PAGE)

## CHESAPEAKE FISHERIES

## VIRGINIA - LANDINGS OF CATCH BY GEAR, 1967 - Continued

SPECIES	HAUL SEINES, COMMON		PURSE SEINES, MENHADEN		OTTER TRAWLS	
	FISH					
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
MACKEREL:						
ATLANTIC . . . . .	-	-	-	-	63,200	\$4,701
KING . . . . .	1,100	\$198	-	-	-	-
SPANISH . . . . .	8,000	1,320	-	-	-	-
MENHADEN . . . . .	791,400	13,220	201,733,500	\$2,670,214	-	-
PIG FISH . . . . .	1,300	96	-	-	-	-
SCUP OR PORGY . . . . .	10,200	927	-	-	4,427,200	391,128
SEA BASS . . . . .	-	-	-	-	1,238,200	166,204
SEA ROBIN . . . . .	-	-	-	-	2,700	50
SEA TROUT OR WEAKFISH:						
GRAY . . . . .	155,300	15,241	-	-	14,200	1,354
SPOTTED . . . . .	1,400	420	-	-	-	-
SHAD . . . . .	22,600	1,625	-	-	-	-
SHARKS, GRAYFISH . . . . .	12,700	216	-	-	65,500	1,715
SPOT . . . . .	1,422,900	131,320	-	-	-	-
STRIPED BASS . . . . .	455,400	70,201	-	-	27,600	5,676
STURGEON, COMMON . . . . .	400	82	-	-	3,400	423
SWELLFISH . . . . .	953,000	11,592	-	-	12,400	281
TAUTOG . . . . .	200	13	-	-	-	-
TILEFISH . . . . .	-	-	-	-	10,400	838
WHITE PERCH . . . . .	145,100	17,332	-	-	-	-
WHITING . . . . .	-	-	-	-	35,900	1,478
YELLOW PERCH . . . . .	500	46	-	-	-	-
UNCLASSIFIED:						
FOR FOOD . . . . .	1,000	95	-	-	3,100	303
BAIT, REDUCTION, AND ANI-						
MAL FOOD . . . . .	315,800	5,274	-	-	2,500	39
LOBSTERS, NORTHERN . . . . .	-	-	-	-	23,200	12,962
CONCHS . . . . .	-	-	-	-	74,000	9,435
SQUID . . . . .	-	-	-	-	542,200	20,180
TERRAPIN . . . . .	4,000	1,450	-	-	-	-
TOTAL . . . . .	7,789,600	405,389	201,733,500	2,670,214	9,380,600	1,087,516

SPECIES	OTTER TRAWLS - CONTINUED		POUND NETS			
			FISH		CRAB	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES . . . . .	-	-	23,764,000	\$475,604	-	-
BLUEFISH . . . . .	-	-	77,700	8,689	-	-
BONITO . . . . .	-	-	1,500	121	-	-
BUTTERFISH . . . . .	-	-	368,900	31,635	-	-
CABIO . . . . .	-	-	1,100	77	-	-
CARP . . . . .	-	-	13,700	438	-	-
CATFISH AND BULLHEADS . . . . .	-	-	19,800	2,624	-	-
CROAKER . . . . .	-	-	162,900	29,891	-	-
CRUM:						
BLACK . . . . .	-	-	46,200	2,324	-	-
RED . . . . .	-	-	800	70	-	-
EEL, COMMON . . . . .	-	-	92,000	14,324	-	-
FLOUNDERS:						
BLACKBACK . . . . .	-	-	255,300	11,035	-	-
FLUKE . . . . .	-	-	106,000	23,358	-	-
UNCLASSIFIED . . . . .	-	-	2,000	103	-	-
GIZZARD SHAD . . . . .	-	-	1,000	14	-	-
HARVESTFISH . . . . .	-	-	27,300	3,133	-	-
HERRING, SEA . . . . .	-	-	1,013,500	15,790	-	-
HICKORY SHAD . . . . .	-	-	9,500	556	-	-
KING WHITING OR "KINGFISH" . . . . .	-	-	13,000	1,372	-	-
MACKEREL:						
ATLANTIC . . . . .	-	-	1,700	125	-	-
KING . . . . .	-	-	1,600	288	-	-
SPANISH . . . . .	-	-	18,300	3,075	-	-
MENHADEN . . . . .	-	-	17,444,300	304,760	-	-
MULLET, BLACK (LISA) . . . . .	-	-	900	81	-	-
PIG FISH . . . . .	-	-	3,000	195	-	-
SCUP OR PORGY . . . . .	-	-	24,500	1,942	-	-
SEA ROBIN . . . . .	-	-	14,200	144	-	-
SEA TROUT OR WEAKFISH:						
GRAY . . . . .	-	-	388,700	37,500	-	-
SPOTTED . . . . .	-	-	2,300	690	-	-
SHAD . . . . .	-	-	1,176,100	101,775	-	-

(CONTINUED ON NEXT PAGE)

# CHESAPEAKE FISHERIES

## VIRGINIA - LANDINGS OF CATCH BY GEAR, 1967 - Continued

SPECIES	OTTER TRAWLS - CONTINUED		POUND NETS					
			LOBSTER		FISH		CRAB	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
SHARKS:								
GRAY FISH . . . . .	-	-	27,600	\$669	-	-	-	-
UNCLASSIFIED . . . . .	-	-	100	3	-	-	-	-
SPOT . . . . .	-	-	1,618,900	192,097	-	-	-	-
STRIPED BASS . . . . .	-	-	654,900	102,028	-	-	-	-
STURGEON, COMMON . . . . .	-	-	1,000	165	-	-	-	-
SWELLFISH . . . . .	-	-	2,598,500	33,761	-	-	-	-
TAUTOG . . . . .	-	-	100	6	-	-	-	-
WHITE PERCH . . . . .	-	-	170,200	19,652	-	-	-	-
WHITING . . . . .	-	-	900	43	-	-	-	-
UNCLASSIFIED: FOR FOOD . . . . .	-	-	26,700	2,588	-	-	-	-
BAIT, REDUCTION, AND ANI- MAL FOOD . . . . .	-	-	849,400	14,154	-	-	-	-
CRABS, BLUE:								
HARD . . . . .	-	-	-	-	1,717,500	\$80,295	-	-
SOFT AND PEELER . . . . .	-	-	-	-	661,158	255,602	-	-
LOBSTERS, NORTHERN . . . . .	173,000	\$100,201	-	-	-	-	-	-
TERRAFIN . . . . .	-	-	-	-	400	124	-	-
<b>TOTAL . . . . .</b>	<b>173,000</b>	<b>100,201</b>	<b>51,200,100</b>	<b>1,436,899</b>	<b>2,379,058</b>	<b>336,021</b>		

SPECIES	FYKE AND HOOP NETS, FISH		POTS AND TRAPS			
			CRAB		EEL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES . . . . .	1,598,200	\$35,050	-	-	-	-
CARP . . . . .	38,300	1,222	-	-	-	-
CATFISH AND BULLHEADS . . . . .	195,200	26,571	-	-	-	-
EEL, COMMON . . . . .	57,600	9,165	-	-	487,500	\$78,910
FLOUNDER, BLACKBACK . . . . .	1,400	73	-	-	-	-
GARFISH . . . . .	100	5	-	-	-	-
GIZZARD SHAD . . . . .	1,600	21	-	-	-	-
HICKORY SHAD . . . . .	6,300	341	-	-	-	-
MENHADEN . . . . .	287,700	4,947	-	-	-	-
SHAD . . . . .	108,400	7,840	-	-	-	-
SPOT . . . . .	18,200	1,672	-	-	-	-
STRIPED BASS . . . . .	102,900	16,085	-	-	-	-
STURGEON, COMMON . . . . .	500	111	-	-	-	-
SWELLFISH . . . . .	-	-	878,200	\$20,769	-	-
WHITE PERCH . . . . .	83,100	10,289	-	-	-	-
YELLOW PERCH . . . . .	1,000	91	-	-	-	-
CRABS, BLUE:						
HARD . . . . .	-	-	36,079,300	1,796,391	-	-
SOFT AND PEELER . . . . .	-	-	288,000	103,061	-	-
CONCHS . . . . .	-	-	30,000	3,000	-	-
<b>TOTAL . . . . .</b>	<b>2,500,500</b>	<b>113,483</b>	<b>37,275,500</b>	<b>1,923,221</b>	<b>487,500</b>	<b>78,910</b>

SPECIES	POTS AND TRAPS - CONTINUED				GILL NETS	
	FISH		TURTLE		ANCHOR, SET OR STAKE	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES . . . . .	-	-	-	-	64,400	\$1,410
BLUEFISH . . . . .	-	-	-	-	2,200	365
CARP . . . . .	-	-	-	-	3,500	125
CATFISH AND BULLHEADS . . . . .	529,500	\$69,489	-	-	4,500	578
CROAKER . . . . .	-	-	-	-	22,900	4,070
FLOUNDER, BLACKBACK . . . . .	-	-	-	-	100	4
GIZZARD SHAD . . . . .	-	-	-	-	1,100	29
HICKORY SHAD . . . . .	-	-	-	-	3,500	188
MENHADEN . . . . .	-	-	-	-	10,000	300
PIG FISH . . . . .	-	-	-	-	100	3
SEA BASS . . . . .	169,400	36,154	-	-	-	-
SEA TROUT OR WEAKFISH, GRAY SHAD . . . . .	-	-	-	-	30,800	4,105
SPOT . . . . .	-	-	-	-	462,400	40,169
	-	-	-	-	641,600	67,147

(CONTINUED ON NEXT PAGE)

## CHESAPEAKE FISHERIES

## VIRGINIA - LANDINGS OF CATCH BY GEAR, 1967 - Continued

SPECIES	POTS AND TRAPS - CONTINUED				GILL NETS	
	FISH		TURTLE		ANCHOR, SET OR STAKE	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
STRIPED BASS. . . . .	-	-	-	-	402,100	\$60,435
SWELLFISH . . . . .	102,400	\$2,048	-	-	-	-
WHITE PERCH . . . . .	-	-	-	-	46,500	5,530
WHITING . . . . .	100	6	-	-	200	28
YELLOW PERCH. . . . .	-	-	-	-	-	-
UNCLASSIFIED:	-	-	-	-	-	-
FOR FOOD. . . . .	-	-	-	-	600	59
BAIT, REDUCTION, AND ANI-	-	-	-	-	-	-
MAL FOOD . . . . .	-	-	-	-	15,000	250
LOBSTERS, NORTHERN. . . . .	900	579	-	-	-	-
TURTLES, SNAPPER. . . . .	-	-	27,900	\$5,941	-	-
TOTAL . . . . .	802,300	108,276	27,900	5,941	1,711,900	184,795
SPECIES	GILL NETS - CONTINUED				LINES	
	DRIFT				HAND	
	SHAD		OTHER		POUNDS	VALUE
BLUEFISH. . . . .	-	-	-	-	800	\$104
BUTTERFLISH. . . . .	-	-	200	\$24	-	-
CROAKER . . . . .	-	-	21,000	3,742	-	-
DRUM, BLACK . . . . .	-	-	123,100	9,028	-	-
FLOUNDER, FLUKE . . . . .	-	-	2,400	720	-	-
HERRING, SEA. . . . .	-	-	300	3	-	-
HICKORY SHAD. . . . .	5,100	\$277	580,700	69,437	-	-
MACKEREL, ATLANTIC. . . . .	-	-	-	38	-	-
SEA BASS. . . . .	-	-	-	-	2,000	643
SEA TROUT OR WEAKFISH, GRAY SHAD. . . . .	-	-	11,000	1,012	300	59
SHARK, GRAYFISH . . . . .	368,300	29,106	-	-	-	-
SPOT. . . . .	-	-	95,000	3,800	-	-
STRIPED BASS. . . . .	17,700	2,944	351,700	39,545	-	-
STURGEON, COMMON. . . . .	-	-	11,700	1,796	-	-
WHITING . . . . .	-	-	6,500	650	-	-
UNCLASSIFIED:	-	-	3,000	91	-	-
FOR FOOD. . . . .	-	-	14,600	1,458	-	-
BAIT, REDUCTION, AND ANI-	-	-	-	-	-	-
MAL FOOD . . . . .	-	-	45,200	1,182	-	-
TURTLES, SNAPPER. . . . .	-	-	-	-	128,700	28,021
TOTAL . . . . .	391,100	32,327	1,266,500	126,526	131,800	28,827
SPECIES	LINES - CONTINUED				DIP NETS, COMMON	
	LONG OR SET WITH HOOKS		TROT WITH BAITS		POUNDS	VALUE
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CATFISH AND BULLHEADS . . . . .	87,000	\$12,014	-	-	-	-
STRIPED BASS. . . . .	4,500	749	-	-	-	-
SWORDFISH . . . . .	145,200	72,175	-	-	-	-
TUNA, UNCLASSIFIED. . . . .	22,800	6,393	-	-	-	-
CRABS, BLUE:	-	-	-	-	-	-
HARD. . . . .	-	-	1,839,900	\$86,935	151,700	\$6,994
SOFT AND PEELER . . . . .	-	-	12,100	4,743	29,000	11,382
TOTAL . . . . .	259,500	91,331	1,852,000	91,678	180,700	18,376
SPECIES	SCRAPES		DREDGES			
			CLAM		CONCH	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CRABS, BLUE:	-	-	-	-	-	-
HARD. . . . .	57,100	\$3,666	-	-	-	-
SOFT AND PEELER . . . . .	211,400	72,657	-	-	-	-
CLAMS:	-	-	-	-	-	-
HARD, PUBLIC. . . . .	-	-	445,100	\$249,904	-	-
SOFT, PUBLIC. . . . .	-	-	30,800	8,855	-	-
CONCHS. . . . .	-	-	-	-	37,700	\$3,748
TOTAL . . . . .	268,500	76,323	475,900	258,759	37,700	3,748

(CONTINUED ON NEXT PAGE)

# CHESAPEAKE FISHERIES

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## VIRGINIA - LANDINGS OF CATCH BY GEAR, 1967 - Continued

SPECIES	DREDGES - CONTINUED					
	CRAB		OYSTER, COMMON		SCALLOP, SEA	
	<u>POUNDS</u>	<u>VALUE</u>	<u>POUNDS</u>	<u>VALUE</u>	<u>POUNDS</u>	<u>VALUE</u>
FLOUNDER, FLUKE . . . . .	-	-	-	-	3,900	\$840
CRABS, BLUE, HARD . . . . .	14,977,800	\$979,875	-	-	-	-
CONCHS. . . . .	212,500	19,059	-	-	-	-
OYSTERS, PRIVATE:						
SPRING. . . . .	-	-	2,620,300	\$1,688,866	-	-
FALL. . . . .	-	-	2,182,000	1,384,730	-	-
SCALLOPS, SEA . . . . .	-	-	-	-	1,632,400	1,153,505
<b>TOTAL . . . . .</b>	<b>15,190,300</b>	<b>998,934</b>	<b>4,802,300</b>	<b>3,073,616</b>	<b>1,636,300</b>	<b>1,154,345</b>

SPECIES	TONGS			
	OYSTER		OTHER	
	<u>POUNDS</u>	<u>VALUE</u>	<u>POUNDS</u>	<u>VALUE</u>
CLAMS, HARD:				
PUBLIC. . . . .	-	-	935,500	\$527,465
PRIVATE . . . . .	-	-	167,500	96,979
OYSTERS:				
PUBLIC:				
SPRING. . . . .	1,490,100	\$996,546	-	-
FALL. . . . .	2,575,500	1,750,215	-	-
PRIVATE:				
SPRING. . . . .	50,900	33,768	-	-
FALL. . . . .	149,200	104,681	-	-
<b>TOTAL . . . . .</b>	<b>4,265,700</b>	<b>2,885,410</b>	<b>1,103,300</b>	<b>624,444</b>

SPECIES	RAKES		BY HAND	
	<u>POUNDS</u>	<u>VALUE</u>	<u>POUNDS</u>	<u>VALUE</u>
	CRABS, BLUE, SOFT AND PEELER	-	-	15,600	$4,901
CLAMS, HARD:				
PUBLIC. . . . .	136,000	\$76,604	129,200	70,957
PRIVATE . . . . .	44,300	25,192	-	-
CONCHS. . . . .	-	-	900	94
<b>TOTAL . . . . .</b>	<b>182,300</b>	<b>101,796</b>	<b>145,700</b>	<b>75,952</b>

## CHESAPEAKE FISHERIES

## CHESAPEAKE STATES - LANDINGS OF CATCH BY WATERS, 1967

SPECIES	MARYLAND				VIRGINIA	
	OCEAN 1/		CHESAPEAKE BAY		OCEAN 1/	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES . . . . .	-	-	2,337,000	\$39,729	-	-
BLUEFISH . . . . .	3,100	\$382	14,400	1,814	7,800	\$960
BONITO . . . . .	100	10	200	23	-	-
BUTTERFISH . . . . .	35,600	3,256	9,700	1,044	558,600	42,447
CARP . . . . .	-	-	159,400	3,898	30,700	789
CATFISH AND BULLHEADS . . . . .	-	-	374,600	34,586	6,600	891
COO . . . . .	21,000	1,983	-	-	-	-
CRAPPIE . . . . .	-	-	3,200	237	-	-
CROAKER . . . . .	100	37	1,100	167	33,800	5,674
DRUM, BLACK . . . . .	-	-	18,000	900	2,000	60
EEL, COMMON . . . . .	-	-	274,100	31,694	-	-
FLOUNDERS:						
BLACKBACK . . . . .	108,000	3,714	69,600	3,480	290,200	14,990
FLUKE . . . . .	421,700	105,114	17,500	4,341	1,163,700	257,571
UNCLASSIFIED . . . . .	-	-	-	-	100	5
GIZZARD SHAD . . . . .	-	-	12,600	277	-	-
HAKE, RED . . . . .	19,000	438	-	-	3,000	113
HERRING, SEA . . . . .	4,800	129	-	-	10,500	158
HICKORY SHAD . . . . .	-	-	7,300	720	-	-
HOGCHOKER . . . . .	-	-	1,800	25	-	-
KING WHITING OR "KINGFISH" . . . . .	2,300	208	300	35	400	46
MACKEREL:						
ATLANTIC . . . . .	42,800	4,589	-	-	63,100	4,687
SPANISH . . . . .	-	-	3,600	648	-	-
MENHADEN . . . . .	-	-	3,000,500	59,788	14,174,300	187,100
PIKE OR PICKEREL . . . . .	-	-	8,600	1,795	-	-
SCUP OR PORCY . . . . .	202,000	18,455	-	-	4,416,300	389,878
SEA BASS . . . . .	154,000	29,394	-	-	1,222,000	163,033
SEA ROBIN . . . . .	321,000	2,804	-	-	2,700	50
SEA TROUT OR WEAKFISH . . . . .	72,800	4,811	12,200	1,849	3,300	328
SHAD . . . . .	300	20	866,700	129,905	7,300	536
SHARKS:						
GRAYFISH . . . . .	14,300	572	-	-	57,100	1,379
UNCLASSIFIED . . . . .	122,100	2,442	-	-	-	-
SPOT . . . . .	1,100	228	247,200	31,531	57,900	5,252
STRIPE BASS . . . . .	444,500	96,308	3,705,700	578,853	137,200	23,750
STURGEON, COMMON . . . . .	6,800	836	-	-	2,100	267
SUCKERS . . . . .	-	-	100	2	-	-
SUNFISH . . . . .	-	-	6,300	441	-	-
SWELLFISH . . . . .	12,300	264	3,187,600	66,605	800	17
SWORDFISH . . . . .	-	-	-	-	145,200	72,175
TAUTOG . . . . .	400	10	-	-	-	-
TILEFISH . . . . .	-	-	-	-	10,400	838
TUNA:						
BLUEFIN . . . . .	299,300	35,461	-	-	-	-
UNCLASSIFIED . . . . .	-	-	-	-	22,800	6,393
WHITE PERCH . . . . .	-	-	1,246,900	171,742	54,000	6,480
WHITING . . . . .	59,200	2,259	-	-	27,100	1,105
YELLOW PERCH . . . . .	-	-	175,400	20,168	-	-
UNCLASSIFIED:						
FOR FOOD . . . . .	3,200	229	200	20	-	-
BAIT, REDUCTION, AND ANIMAL FOOD . . . . .	6,213,100	36,794	1,600	16	-	-
CRABS, BLUE:						
HARD . . . . .	207,800	14,557	24,380,100	1,706,622	-	-
SOFT AND PEELER . . . . .	9,800	3,737	2,176,500	827,211	-	-
LOBSTERS, NORTHERN . . . . .	18,900	14,734	-	-	192,700	111,279
CLAMS:						
HARD, PUBLIC . . . . .	268,700	136,818	26,800	13,384	-	-
SOFT, PUBLIC . . . . .	-	-	5,212,300	1,610,589	-	-
SURF . . . . .	1,149,100	106,368	-	-	-	-
CONCHS . . . . .	57,000	7,950	-	-	-	-
OYSTERS, MARKET:						
PUBLIC:						
SPRING . . . . .	-	-	5,804,800	3,768,393	-	-
FALL . . . . .	-	-	9,085,100	6,129,542	-	-
PRIVATE:						
SPRING . . . . .	117,600	191,100	1,169,400	776,235	-	-
FALL . . . . .	120,000	210,000	432,900	287,566	-	-
SCALLOPS, SEA . . . . .	-	-	-	-	1,632,400	1,153,505
SQUID . . . . .	42,100	3,903	-	-	535,600	19,347
TERRAPIN . . . . .	-	-	9,000	3,142	-	-
TURTLES, SNAPPER . . . . .	-	-	30,900	4,670	-	-
TOTAL . . . . .	10,575,900	1,041,914	64,090,470	16,313,687	24,871,900	2,471,103

SEE FOOTNOTE AT END OF TABLE.

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# CHESAPEAKE FISHERIES

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## CHESAPEAKE STATES - LANDINGS OF CATCH BY WATERS, 1967 - Continued

SPECIES	VIRGINIA - CONTINUED		TOTAL			
	CHESAPEAKE BAY		OCEAN 1/		CHESAPEAKE BAY	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES . . . . .	28,107,400	\$ 570,877	-	-	30,444,400	\$ 610,606
ANGLERFISH . . . . .	4,900	195	-	-	4,900	195
BLUEFISH . . . . .	112,500	12,648	10,900	\$1,342	126,900	14,462
BONITO . . . . .	2,500	206	100	10	2,700	229
BUTTERFISH . . . . .	551,300	46,054	594,200	45,703	561,000	47,098
CABIO . . . . .	2,600	182	-	-	2,600	182
CARP . . . . .	122,800	3,913	30,700	789	291,200	7,811
CATFISH AND BULLHEADS . . . . .	932,400	124,443	6,600	891	1,307,000	159,029
COD . . . . .	300	37	21,000	1,983	300	37
CRAPPIE . . . . .	-	-	-	-	3,200	237
CROAKER . . . . .	289,700	51,663	33,900	5,711	290,800	51,830
DRUM:						
BLACK . . . . .	188,200	11,990	2,000	60	206,200	12,990
RED . . . . .	1,100	94	-	-	1,100	94
EEL, COMMON . . . . .	690,600	110,795	-	-	964,700	142,489
FLOUNDERS:						
BLACKBACK . . . . .	507,900	20,377	398,200	18,704	577,500	23,857
FLUKE . . . . .	736,600	177,298	1,585,400	362,685	754,100	181,639
UNCLASSIFIED . . . . .	2,300	117	100	5	2,300	117
GARFISH . . . . .	100	5	-	-	100	5
GIZZARD SHAD . . . . .	16,300	222	-	-	28,900	499
HAKE, RED . . . . .	1,000	46	22,000	551	1,000	46
HARVESTFISH . . . . .	43,800	5,033	-	-	43,800	5,033
HERRING, SEA . . . . .	1,087,200	16,898	15,300	287	1,087,200	16,898
HICKORY SHAD . . . . .	28,400	1,579	-	-	35,700	2,299
HOGCHOKER . . . . .	-	-	-	-	1,800	25
KING WHITING OR "KINGFISH" . . . . .	23,900	2,568	2,700	254	24,400	2,593
MACKEREL:						
ATLANTIC . . . . .	581,900	69,576	105,900	9,276	581,900	69,576
KING . . . . .	2,700	486	-	-	2,700	486
SPANISH . . . . .	26,300	4,395	-	-	29,900	5,043
MENHADEN . . . . .	206,091,600	2,806,341	14,174,300	187,100	209,092,100	2,866,129
MULLET, BLACK (LISA) . . . . .	900	81	-	-	900	81
PIGFISH . . . . .	4,400	294	-	-	4,400	294
PIKE OR PICKEREL . . . . .	-	-	-	-	8,600	1,795
SCUP OR PORGY . . . . .	45,600	4,119	4,618,300	409,333	45,600	4,119
SEA BASS . . . . .	187,600	39,968	1,376,000	192,427	187,600	39,968
SEA ROBIN . . . . .	14,200	144	323,700	2,854	14,200	144
SEA TROUT OR WEAKFISH:						
GRAY . . . . .	597,000	58,943	76,100	5,139	609,200	60,792
SPOTTED . . . . .	3,700	1,110	-	-	3,700	1,110
SHAD . . . . .	2,130,300	179,979	7,800	556	2,997,000	309,884
SHARKS:						
GRAYFISH . . . . .	143,700	5,121	71,400	1,951	143,700	5,121
UNCLASSIFIED . . . . .	100	3	122,100	2,442	100	3
SPOT . . . . .	4,195,400	420,529	99,000	5,480	4,442,600	452,060
STRIPED BASS . . . . .	1,539,600	230,164	531,700	120,058	5,245,300	815,017
STURGEON, COMMON . . . . .	9,700	1,164	8,900	1,103	9,700	1,164
SUCKERS . . . . .	-	-	-	-	100	2
SUNFISH . . . . .	-	-	-	-	6,300	441
SWELLFISH . . . . .	4,543,700	69,434	13,100	281	7,731,300	135,039
SWORDFISH . . . . .	-	-	145,200	72,175	-	-
TAUTOG . . . . .	300	19	400	10	300	19
TILEFISH . . . . .	-	-	10,400	838	-	-
TUNA:						
BLUEFIN . . . . .	-	-	299,300	35,461	-	-
UNCLASSIFIED . . . . .	-	-	22,800	6,393	-	-
WHITE PERCH . . . . .	390,900	46,323	54,000	6,480	1,637,800	218,065
WHITING . . . . .	12,800	513	86,300	3,364	12,800	513
YELLOW PERCH . . . . .	1,700	165	-	-	177,100	20,333
UNCLASSIFIED:						
FOR FOOD . . . . .	46,000	4,503	3,200	229	46,200	4,523
BAIT, REDUCTION, AND ANIMAL FOOD . . . . .	1,227,900	20,899	6,213,100	36,794	1,229,500	20,915
CRABS, BLUE:						
HARC . . . . .	54,823,300	2,954,156	207,800	14,557	79,203,400	4,660,778
SOFT AND PEELER . . . . .	1,217,200	452,346	-	3,737	3,393,700	1,279,557
LOBSTERS, NORTHERN . . . . .	4,400	2,463	211,600	126,013	4,400	2,463
CLAMS:						
HARC:						
PUBLIC . . . . .	1,647,800	924,930	268,700	138,818	1,674,600	938,314
PRIVATE . . . . .	212,100	122,171	-	-	212,100	122,171
SOFT, PUBLIC . . . . .	30,800	8,855	-	-	5,243,100	1,619,444
SURF . . . . .	-	-	1,149,100	106,368	-	-
CONCHS . . . . .	355,100	35,336	57,000	7,950	355,100	35,336

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

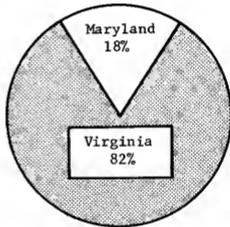
# CHESAPEAKE FISHERIES

## CHESAPEAKE STATES - LANDINGS OF CATCH BY WATERS, 1967 - Continued

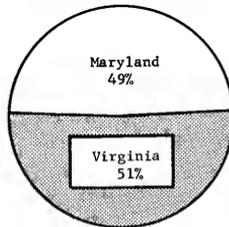
SPECIES	VIRGINIA - CONTINUED		TOTAL			
	CHESAPEAKE BAY		OCEAN <sup>1/</sup>		CHESAPEAKE BAY	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
OYSTERS, MARKET:						
PUBLIC:						
SPRING . . . . .	1,490,100	\$996,546	-	-	7,294,900	\$4,764,939
FALL . . . . .	2,575,500	1,750,215	-	-	11,660,600	7,879,757
PRIVATE:						
SPRING . . . . .	2,671,200	1,722,654	117,600	\$191,100	3,840,600	2,498,889
FALL . . . . .	2,331,200	1,489,611	120,000	210,000	2,764,100	1,777,177
SCALLOPS, SEA . . . . .	-	-	1,632,400	1,153,505	-	-
SQUID . . . . .	6,600	833	577,700	23,250	6,600	833
TERRAPIN . . . . .	4,400	1,574	-	-	13,400	4,716
TURTLES, SNAPPER . . . . .	156,600	33,962	-	-	187,500	38,632
TOTAL . . . . .	322,776,100	15,622,155	35,447,800	3,513,017	386,868,500	31,935,842

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

### CHESAPEAKE STATES LANDINGS, 1967



### VALUE OF CHESAPEAKE STATES LANDINGS, 1967



# CHESAPEAKE FISHERIES

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## POTOMAC RIVER SHAD AND ALEWIFE FISHERY

Potomac River shad landings of 82,342 fish weighing 214,900 pounds were worth \$28,524 to the fishermen. This was a decline of 19 percent in number and 12 percent in poundage, but a gain of 9 percent in value compared with the previous year.

Landings of Potomac River alewives were 18,403,565 fish weighing 8,511,900 pounds, valued at \$136,395. Compared with

1966, this was a decline of 21 percent in number, 24 percent in poundage, and 25 percent in value.

There were 430 fishermen in the Potomac River shad and alewife fisheries--13 more than in the previous year. Statistics on landings and operating units of these fisheries are included in landings and operating unit data for Maryland and Virginia.



SHAD

### SUMMARY OF OPERATING UNITS AND LANDINGS, 1967

ITEM	MARYLAND			VIRGINIA			TOTAL		
	NUMBER			NUMBER			NUMBER		
<b>OPERATING UNITS</b>									
FISHERMEN:									
ON VESSELS . . . . .	10			80			90		
ON BOATS AND SHORE:									
REGULAR . . . . .	31			136			167		
CASUAL . . . . .	60			113			173		
TOTAL . . . . .	101			329			430		
<b>VESSELS, MOTOR</b>									
GROSS TONNAGE . . . . .	5			19			24		
BOATS:	42			161			203		
MOTOR . . . . .	58			147			205		
OTHER . . . . .	17			61			78		
<b>GEAR:</b>									
POUND NETS . . . . .	2			145			147		
ANCHOR, SET OR STAKE . . . . .	56			285			343		
SQUARE YARDS . . . . .	210,300			162,500			372,800		
DRIFT . . . . .	1			7			8		
SQUARE YARDS . . . . .	500			8,000			8,500		
<b>LANDINGS</b>									
	<u>NUMBER</u>	<u>POUNDS</u>	<u>VALUE</u>	<u>NUMBER</u>	<u>POUNDS</u>	<u>VALUE</u>	<u>NUMBER</u>	<u>POUNDS</u>	<u>VALUE</u>
SHAD:									
POUND NETS . . . . .	-	-	-	42,116	109,500	\$12,921	42,116	109,500	\$12,921
GILL NETS:									
ANCHOR, SET OR STAKE . . . . .	25,574	67,300	\$11,082	13,577	35,300	4,165	39,151	102,600	15,247
DRIFT . . . . .	190	500	85	685	2,300	271	1,075	2,800	356
TOTAL . . . . .	25,764	67,800	11,167	56,578	147,100	17,357	82,342	214,900	28,524
ALEWIVES:									
POUND NETS . . . . .	283,500	135,000	2,025	17,794,372	6,221,900	131,550	18,077,872	8,356,900	133,575
GILL NETS:									
ANCHOR, SET OR STAKE . . . . .	308,700	147,000	2,265	6,493	3,000	460	315,193	150,000	2,745
DRIFT . . . . .	10,500	5,000	75	-	-	-	10,500	5,000	75
TOTAL . . . . .	602,700	287,000	4,365	17,800,865	6,224,900	132,030	18,403,565	8,511,900	136,395

NOTE:--EXCLUDES TRIBUTARIES OF THE POTOMAC RIVER.

## SECTION 5 - SOUTH ATLANTIC FISHERIES

Commercial landings of fish and shellfish at ports of the South Atlantic States (North Carolina, South Carolina, Georgia, and the East Coast of Florida) including the commercial catch from fresh-water areas of Florida, were 353.3 million pounds worth \$25 million--14.4 million pounds and \$2 million less than in the previous year. The volume decline resulted mainly from a sharp decrease in menhaden landings. Other species taken in smaller quantities were mullet (lisa), blue crabs, scallops, shrimp, and oysters. The decrease in value was caused principally by a decline in shrimp prices from an average price of 50 cents per pound in 1966 to 44 cents per pound in 1967.

North Carolina landings of 225.1 million pounds worth \$8.3 million were 25.8 million pounds and \$1.2 million less than in the previous year. In South Carolina, landings of 18.9 million pounds declined 4.3 million compared with a year earlier, and the value (\$3.2 million) declined nearly \$1 million. Landings of 16.4 million pounds at Georgia ports increased 358,000 pounds, but the value, \$3.7 million, was \$228,000 less than a year ago. Along the East Coast of Florida, landings of 93 million pounds worth a record \$9.8 million were 15.4 million pounds and \$407,000 greater than in 1966.

Fishermen and vessels. Only 7,344 regular fishermen were employed in the South Atlantic area--378 less than in the previous year. Of this number, 3,387 were on vessels and 3,957 on boats or fishing from shore. Casual fishermen (those deriving less than 50 percent of their income from commercial fishing) numbered 2,710--a decline of 162 compared with 1966. The number of vessels used in the commercial fisheries increased from 1,141 in 1966 to 1,152 in 1967. The 5,821 boats used, however, were 381 less than a year ago.

Shrimp. The harvest of 20.6 million pounds (heads on) worth \$9 million declined 877,000 pounds and \$1.8 million compared with the previous year. Shrimp landings were only 6 percent of the total South Atlantic States production but they contributed 36 percent of the value. A small run of brown shrimp during the summer caused the production decline. The value decline reflected the impact on the market of a bumper crop of brown shrimp (taken from Gulf waters) and a record volume of imports. In addition, small shrimp--which were most affected by exvessel price reductions--comprised a greater portion of the landings than in 1966.

In Georgia, landings of 6.7 million pounds were nearly 200,000 pounds more than in the previous year. Georgia was the only State in the South Atlantic area to have a better shrimp harvest than in 1966--a greater abundance of white shrimp accounted for the increase. The value of \$3 million, however, was 10 percent less than a year earlier. The sharpest decline was in North Carolina where the landings of 4.9 million pounds were 14 percent less than in the previous year and the value, \$1.8 million, declined 30 percent. The South Carolina production of 4.1 million pounds worth \$1.7 million was 4 and 23 percent less, respectively, than in 1966. Landings of 4.9 million pounds at ports on the East Coast of Florida declined 2 percent compared with the previous year, and the value of \$2.5 million declined 8 percent.

Menhaden. Menhaden landings of 193.8 million pounds were 21.3 million less than in the previous year. North Carolina landings of 150.5 million pounds were 17 percent less than a year ago, and the smallest harvest since 1962. Along the East Coast of Florida, purse seiners fared much better. Landings there of 43.3 million pounds increased 33 percent compared with 1966, and reached the greatest volume since 1959. As usual, most of the production was reduced to meal, oil, and solubles. A record supply of fish meal in the United States (primarily the result of record imports from Peru) caused a marked decline in the price of menhaden meal. Menhaden oil was not in demand, and as a result, its price declined sharply.

Food finfish. Landings of finfish for human consumption were about 77.8 million pounds worth \$8.4 million. The value increased 5 percent, but the volume remained about the same as in the previous year.

Landings of several species improved markedly. An excellent run of king mackerel along the Florida coast reached a production of 3 million pounds--the best harvest since the record 3.4-million-pound landings of 1927. Alewife landings (21.3 million pounds) were second only to the record production of 1890; and flounder landings (4.6 million pounds) nearly equalled the record 5 million pounds taken in 1965. Landings of spot (6.2 million pounds) and striped bass (1.8 million) were 40 and 178 percent more, respectively, than in the previous year. The harvest of pompano, sea bass, and red snapper increased substantially compared with 1966.

The production of several species declined in 1967. Landings of black mullet (4.7

million pounds), sea trout (2.6 million), and Spanish mackerel (1.9 million) were 39, 12, and 17 percent less, respectively, than a year ago. Landings of all three species were the smallest since the turn of the century. Scup landings of about 500,000 pounds decreased 75 percent compared with the previous year. The decline may have been caused partly by North Carolina trawlers unloading some of their catches at Virginia ports rather than at their home ports. Shad landings of 1.6 million pounds were 10 percent less than in 1966. Fishermen stopped fishing for shad earlier than usual because there was little market demand for the fish--and prices were correspondingly low toward the end of the season. Landings of bluefish, croaker, fresh-water catfish, and king whiting also declined compared with the previous year.

**Sharks.** The shark fishery off the East Coast of Florida was reactivated, and 1.3 million pounds were landed. Only the skins and fins of the sharks were used. Diminishing returns, not commensurate with the labor involved, terminated the venture near the end of the year.

**Hard blue crabs.** Landings of 37.3 million pounds were 3.2 million less than in 1966, and the smallest harvest since 1958. The value, \$2 million, was about the same as in the previous year because a good market for the catch helped increase exvessel prices. The sharpest decline occurred in North Carolina where landings of 14.3 million pounds were 4.6 million less than in 1966. Landings of 5.2 million pounds in South Carolina and 8.5 million in Georgia declined 477,000 and 60,000 pounds, respectively, compared with the previous year. Along the East Coast of Florida, a 9.3-million-pound production was 2 million pounds more than in the previous year.

An extensive kill during June affected the entire crab population from Charleston, S.C., to Sapelo Island, Ga. The cause of the kill was not determined. During the rest of the year following the kill, crab fishermen in South Carolina and Georgia had greatly diminished catches. A similar kill in the same general area occurred the previous year during June, and the cause was never determined.

**Oysters.** Production of 3.2 million pounds of oyster meats worth \$1.4 million declined 14 percent in both volume and value compared with a year ago. Landings in South Carolina (2.3 million pounds) and North Carolina (518,000 pounds) were 14 and 29 percent less, respectively, than in the previous year. The North Carolina harvest was the smallest on

record. Production in Georgia and the East Coast of Florida was slightly better than in 1966, but the combined production of these States usually accounts for only a small percentage of the total landings.

**Scallops.** Landings of 1.4 million pounds of calico scallop meats were made at North Carolina ports during the first 6 months of the year. None were harvested after July, however, because the fishing fleet was unable to find many scallops on the grounds they had fished in prior years. Since most of the calico scallops landed in North Carolina were shucked by hand in shore plants, many workers lost a source of income when the fishery ended. Because calico scallops could not be located on the North Carolina grounds, a few vessels looked for them on the grounds off St. Augustine, Fla., but only small quantities were landed.

Landings of 387,000 pounds of bay scallop meats in North Carolina were worth \$211,000--a decline of 3 percent in volume but an increase of 15 percent in value compared with the previous year. A brisk market and small supplies of scallops helped increase the exvessel value from an average price of 46 cents per pound in 1966 to 55 cents per pound in 1967.

**Northern lobsters.** Fishermen caught northern lobsters for the first time in waters off the South Atlantic States in 1967. Landings of 4,000 pounds worth \$3,000 were made by the trawler fleet incidental to other fisheries off Cape Henry.

**Other information.** Condensed summary data on the operating units and landings of the South Atlantic section given on the following pages were published previously in Current Fishery Statistics No. 5023. Seasonal variations in the landings of fish and shellfish in North Carolina, South Carolina, Georgia, and Florida can be ascertained from the monthly and annual landing bulletins issued for each of these States. Additional data on many aspects of the South Atlantic fisheries may be found in the daily, monthly, and annual reports published by the Hampton, Virginia, Fishery Market News Office of the Bureau.

**Acknowledgments.** The following organizations helped collect the data appearing in this section: 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; and Florida State Board of Conservation.

# SOUTH ATLANTIC FISHERIES



**SOUTH ATLANTIC STATES**

# SOUTH ATLANTIC FISHERIES

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## SECTIONAL SUMMARIES SUMMARY OF LANDINGS, 1967

(MILLIONS OF POUNDS AND MILLIONS OF DOLLARS)

STATE	FISH		SHELLFISH, ETC.		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
NORTH CAROLINA . . . . .	203	5	22	4	225	8
SOUTH CAROLINA . . . . .	7	(1)	12	3	19	3
GEORGIA . . . . .	1	(1)	15	4	16	4
FLORIDA, EAST COAST . . . . .	76	5	17	4	93	10
TOTAL . . . . .	267	10	66	15	353	25

1/ LESS THAN \$500,000.

NOTES -- THE LANDINGS FOR THE INLAND LAKES OF FLORIDA ARE INCLUDED WITH THE LANDINGS 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.

## SUMMARY OF OPERATING UNITS, 1967

ITEM	NORTH CAROLINA	SOUTH CAROLINA	GEORGIA	FLORIDA, EAST COAST	TOTAL, EX-CLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
<b>FISHERMEN:</b>					
ON VESSELS . . . . .	1,775	446	681	1,019	3,367
ON BOATS AND SHORE:					
REGULAR . . . . .	1,277	319	307	2,054	3,957
CASUAL . . . . .	1,406	491	391	422	2,710
TOTAL . . . . .	4,458	1,256	1,379	3,495	10,054
<b>VESSELS, MOTOR:</b>	446	218	335	413	1,152
GROSS TONNAGE . . . . .	23,698	6,253	11,941	16,005	47,292
<b>BOATS:</b>					
MOTOR . . . . .	2,506	587	494	1,987	5,574
OTHER . . . . .	111	6	91	39	247
<b>GEAR:</b>					
<b>HAUL SEINES:</b>					
COMMON . . . . .	82	16	-	29	127
LENGTH, YARDS . . . . .	29,519	3,180	-	20,300	52,999
LONG . . . . .	47	-	-	-	47
LENGTH, YARDS . . . . .	60,450	-	-	-	60,450
<b>PURSE SEINES:</b>					
MENHADEN . . . . .	52	-	-	5	57
LENGTH, YARDS . . . . .	20,800	-	-	2,510	23,310
OTHER . . . . .	1	-	-	-	1
LENGTH, YARDS . . . . .	300	-	-	-	300
<b>BAG NETS:</b>	118	-	-	-	118
YARDS AT MOUTH . . . . .	3,005	-	-	-	3,005
<b>OTTER TRAWLS:</b>					
CRAB . . . . .	355	11	174	-	538
YARDS AT MOUTH . . . . .	4,737	178	2,761	-	7,640
FISH . . . . .	166	-	-	-	166
YARDS AT MOUTH . . . . .	3,807	-	-	-	3,807
SCALLOP . . . . .	19	-	-	4	23
YARDS AT MOUTH . . . . .	209	-	-	44	253
SHRIMP . . . . .	956	438	896	578	2,400
YARDS AT MOUTH . . . . .	13,524	8,064	13,024	8,756	35,797
<b>POUND NETS, FISH:</b>	849	-	-	8	857
<b>FYKE AND HOOP NETS, FISH:</b>	221	-	-	340	561
<b>POTS AND TRAPS:</b>					
CRAB:					
BLUE . . . . .	20,735	8,820	7,240	22,450	59,245
OTHER . . . . .	-	-	-	3,100	3,100
EEL . . . . .	296	-	-	75	371
FISH . . . . .	2,754	1,136	235	9,935	14,060
LOBSTER, SPINY . . . . .	-	-	-	94,125	94,125
<b>GILL NETS:</b>					
ANCHOR, SET OR STAKE . . . . .	2,104	6	-	37	2,147
SQUARE YARDS . . . . .	1,375,590	9,200	-	20,200	1,404,990
<b>DRIFT:</b>					
SHAD . . . . .	4	70	259	20	353
SQUARE YARDS . . . . .	1,600	8,735	115,220	19,600	145,155
OTHER . . . . .	19	-	-	-	19
SQUARE YARDS . . . . .	3,025	-	-	-	3,025
RUNAROUND . . . . .	72	-	-	303	375
SQUARE YARDS . . . . .	68,700	-	-	799,065	867,765
<b>TRAWL NETS:</b>					
SQUARE YARDS . . . . .	-	-	-	84	84
SQUARE YARDS . . . . .	-	-	-	83,710	83,710

SEE NOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

## SOUTH ATLANTIC FISHERIES

## SUMMARY OF OPERATING UNITS, 1967 - Continued

ITEM	NORTH CAROLINA	SOUTH CAROLINA	GEORGIA	FLORIDA, EAST COAST	TOTAL, EX-CLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
GEAR - CONTINUED:					
LINES:					
HAND . . . . .	734	2	27	619	1,378
HOOKS . . . . .	840	4	50	1,075	1,965
TROLL . . . . .	37	-	-	37	665
HOOKS . . . . .	38	-	-	629	667
LONG OR SET WITH HOOKS.	92	-	128	681	901
HOOKS . . . . .	9,400	-	12,200	998,450	1,020,050
TROT WITH BAITS . . . . .	151	-	-	-	155
BAITS . . . . .	110,600	2,888	-	-	113,488
DIP NETS:					
COMMON . . . . .	4	-	-	-	4
DROP . . . . .	-	100	-	-	100
CAST NETS . . . . .	-	3	-	3	6
SPEARS . . . . .	93	-	-	9	102
DREGGES:					
CLAM . . . . .	9	-	-	-	9
YARDS AT MOUTH . . . . .	15	-	-	-	15
OYSTER, COMMON . . . . .	237	-	-	-	237
YARDS AT MOUTH . . . . .	6	-	-	-	315
SCALLOP, BAY . . . . .	275	-	-	-	275
YARDS AT MOUTH . . . . .	275	-	-	-	275
TONGS AND GRABS:					
OYSTER . . . . .	277	92	55	16	440
OTHER . . . . .	37	-	-	-	37
RAKES:					
OYSTER . . . . .	65	-	-	-	65
OTHER . . . . .	260	16	-	6	282
HOOKS:					
SPONGE . . . . .	-	-	-	29	29
OTHER . . . . .	-	-	-	3	3

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

## LANDINGS BY STATES, 1967

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	NORTH CAROLINA		SOUTH CAROLINA		GEORGIA	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
ALEWIVES . . . . .	18,486	318	2,802	56	-	-
ANGLER FISH . . . . .	-	(1)	-	-	-	-
BLUEFISH . . . . .	888	81	48	5	-	-
BOWFIN . . . . .	(1)	-	-	-	1	(1)
BUTTERFISH . . . . .	384	16	12	1	-	-
CABRIO . . . . .	10	(1)	-	-	-	(1)
CARP . . . . .	219	5	-	-	1	(1)
CATFISH AND BULLHEADS	1,785	277	924	111	65	15
CROAKER . . . . .	1,283	65	-	-	6	(1)
DRUM:						
BLACK . . . . .	90	5	2	(1)	2	(1)
RED . . . . .	13	1	1	(1)	6	1
EEL, COMMON . . . . .	23	1	76	8	4	(1)
FLOUNDER . . . . .	4,391	867	34	6	22	4
GROUPERS . . . . .	9	1	-	-	92	16
GRUNTS . . . . .	8	1	-	-	-	-
HARVESTFISH . . . . .	146	15	-	-	-	-
HERRING, THREAD . . . . .	6,307	69	-	-	-	-
HICKORY SHAD . . . . .	130	8	-	-	1	(1)
KING WHITING OR "KINGFISH"	839	73	122	11	187	19
MACKEREL:						
ATLANTIC . . . . .	1	(1)	-	-	-	-
KING . . . . .	24	5	-	-	-	-
SPANISH . . . . .	73	8	2	(1)	2	(1)
MENHADEN . . . . .	150,481	1,694	-	-	-	-
MULLET, BLACK (LISA) . . . . .	1,063	73	768	59	-	-
PIGFISH . . . . .	133	9	-	-	-	-
POMPANO . . . . .	34	12	6	2	-	-
SAND PERCH . . . . .	(1)	(1)	-	-	-	-
SCUP OR PORGY . . . . .	462	45	-	-	-	-
SEA BASS . . . . .	1,994	304	66	8	3	1
SEA TROUT OR WEAKEFISH:						
GRAY . . . . .	1,769	106	3	(1)	(1)	(1)
SPOTTED . . . . .	122	36	2	1	7	2
SHAD . . . . .	777	155	132	21	334	55
SHARKS, UNCLASSIFIED . . . . .	5	(1)	6	1	-	-

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

# SOUTH ATLANTIC FISHERIES

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## LANDINGS BY STATES, 1967 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	NORTH CAROLINA		SOUTH CAROLINA		GEORGIA	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
<b>FISH - CONTINUED</b>						
SHEEPSHEAD, SALT-WATER. . . . .	5	(1)	-	-	1	(1)
SNAPPER, RED. . . . .	4	1	3	1	55	21
SPOT. . . . .	3,048	205	2,219	99	11	1
STRIPED BASS. . . . .	1,617	253	-	-	(1)	(1)
STURGEON, COMMON. . . . .	38	5	33	6	1	(1)
SUCKERS. . . . .	-	-	-	-	2	-
SWELL FISH. . . . .	360	9	-	-	-	-
TRIPLETAIL. . . . .	-	-	-	-	(1)	(1)
WHITE PERCH. . . . .	364	46	-	-	-	-
YELLOW PERCH. . . . .	37	3	-	-	-	-
UNCLASSIFIED, BAIT, REDUC- TION AND ANIMAL FOOD. . . . .	5,496	26	-	-	203	4
<b>TOTAL FISH. . . . .</b>	<b>203,166</b>	<b>4,800</b>	<b>7,261</b>	<b>398</b>	<b>1,026</b>	<b>139</b>
<b>SHELLFISH, ETC.</b>						
<b>CRABS, BLUE:</b>						
HARD. . . . .	14,272	704	5,247	290	8,496	360
SOFT AND PEELER. . . . .	66	37	-	-	-	-
<b>TOTAL CRABS. . . . .</b>	<b>14,358</b>	<b>741</b>	<b>5,247</b>	<b>290</b>	<b>8,496</b>	<b>360</b>
<b>LOBSTERS, NORTHERN. . . . .</b>						
	4	3	-	-	-	-
SHRIMP. . . . .	4,919	1,609	4,068	1,679	6,657	3,022
<b>CLAMS:</b>						
HARD, PUBLIC. . . . .	201	106	16	6	-	-
RANGIA. . . . .	86	27	-	-	-	-
<b>TOTAL CLAMS. . . . .</b>	<b>287</b>	<b>133</b>	<b>16</b>	<b>6</b>	<b>-</b>	<b>-</b>
<b>OCTOPUS. . . . .</b>						
	2	(1)	-	-	-	-
<b>OYSTERS, MARKET:</b>						
<b>PUBLIC:</b>						
SPRING. . . . .	165	111	-	-	-	-
FALL. . . . .	235	145	-	-	-	-
<b>PRIVATE:</b>						
SPRING. . . . .	54	32	1,291	467	132	66
FALL. . . . .	44	26	965	380	71	46
<b>TOTAL OYSTERS. . . . .</b>	<b>518</b>	<b>316</b>	<b>2,256</b>	<b>847</b>	<b>203</b>	<b>114</b>
<b>SCALLOPS:</b>						
BAY. . . . .	367	211	-	-	-	-
CALICO. . . . .	1,369	309	-	-	-	-
<b>TOTAL SCALLOPS. . . . .</b>	<b>1,736</b>	<b>520</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>SQUID. . . . .</b>						
	39	3	-	-	-	-
<b>TURTLES, SNAPPER. . . . .</b>						
	19	3	-	-	-	-
<b>TOTAL SHELLFISH, ETC.</b>	<b>21,922</b>	<b>3,528</b>	<b>11,607</b>	<b>2,822</b>	<b>15,356</b>	<b>3,516</b>
<b>GRAND TOTAL. . . . .</b>	<b>225,068</b>	<b>8,328</b>	<b>18,868</b>	<b>3,220</b>	<b>16,362</b>	<b>3,655</b>

SPECIES	FLORIDA, EAST COAST		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE
<b>FISH</b>				
ALEWIVES. . . . .	-	-	21,288	374
AMBERJACK. . . . .	22	1	22	1
ANGELFISH. . . . .	9	(1)	9	(1)
ANGLERFISH. . . . .	-	-	6	(1)
BLUEFISH. . . . .	1,346	168	2,262	254
BLUE RUNNER. . . . .	57	2	57	2
BONITO. . . . .	6	(1)	6	(1)
BOWFIN. . . . .	-	-	1	(1)
BUTTERFISH. . . . .	-	-	396	17
CADDO. . . . .	9	1	19	1
CARP. . . . .	-	-	220	5
CATFISH AND BULLHEADS. . . . .	12,226	2,417	15,020	2,820
CREVALLE. . . . .	231	5	231	5
CROAKER. . . . .	144	25	1,433	90
DOLPHIN. . . . .	35	4	35	4
<b>DRUM:</b>				
BLACK. . . . .	83	6	177	11
RED. . . . .	147	27	3	29
EEL, COMMON. . . . .	27	3	130	12
FLOUNDERS. . . . .	154	28	4,601	907

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

## SOUTH ATLANTIC FISHERIES

## LANDINGS BY STATES, 1967 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	FLORIDA, EAST COAST		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE
FISH - CONTINUED				
GOAT FISH . . . . .	95	10	95	10
GROUPERS . . . . .	368	54	469	71
GRUNTS . . . . .	33	2	41	3
HARVESTFISH . . . . .	-	-	146	15
HERRING, THREAD . . . . .	2,624	25	8,931	94
HICKORY SHAD . . . . .	-	-	131	8
HOGFISH . . . . .	3	(1)	3	(1)
JEWFISH . . . . .	56	5	56	5
KING WHITING OR "KINGFISH".	1,436	149	2,584	252
MACKEREL:				
ATLANTIC . . . . .	-	-	1	(1)
KING . . . . .	2,988	497	3,012	502
SPANISH . . . . .	1,802	153	1,979	161
MENHADEN . . . . .	43,297	427	193,778	2,121
MOJARRA . . . . .	128	10	128	10
MULLET:				
BLACK (LISA) . . . . .	2,896	181	4,727	313
SILVER . . . . .	218	15	218	15
PERMIT . . . . .	1	(1)	1	(1)
PIGFISH . . . . .	20	1	153	10
POMPANO . . . . .	549	326	589	340
SAND PERCH . . . . .	-	-	(1)	(1)
SCUP OR PORGY . . . . .	37	4	499	49
SEA BASS . . . . .	77	11	2,140	324
SEA CATFISH . . . . .	13	1	13	1
SEA TROUT OR WEAKFISH:				
GRAY . . . . .	128	15	1,900	121
SPOTTED . . . . .	599	172	730	211
SHAD . . . . .	319	32	1,362	283
SHARKS, UNCLASSIFIED . . . . .	1,307	23	1,318	24
SHEEPSHEAD, SALT-WATER . . . . .	156	15	162	15
SNAPPER:				
LANE . . . . .	3	(1)	3	(1)
MANGROVE . . . . .	91	20	91	20
MUTTON . . . . .	39	12	39	12
RED . . . . .	864	317	926	340
VERMILION . . . . .	15	5	15	5
YELLOWTAIL . . . . .	113	35	113	35
SPOT . . . . .	898	129	6,176	434
STRIPED BASS . . . . .	-	-	1,817	253
STURGEON, COMMON . . . . .	-	-	72	11
SUCKERS . . . . .	-	-	2	(1)
SWELLFISH . . . . .	-	-	380	9
TILEFISH . . . . .	(1)	(1)	(1)	(1)
TRIGGERFISH . . . . .	3	(1)	3	(1)
TRIPLETAIL . . . . .	2	(1)	2	(1)
WARSAW . . . . .	25	2	25	2
WHITE PERCH . . . . .	-	-	384	46
YELLOW PERCH . . . . .	-	-	37	3
UNCLASSIFIED:				
FOR FOOD . . . . .	326	26	326	26
BAIT, REDUCTION, AND ANI- MAL FOOD . . . . .	364	8	6,065	40
TOTAL FISH . . . . .	76,389	5,389	287,842	10,726
SHELLFISH, ETC.				
CRABS:				
BLUE:				
HARD . . . . .	9,320	634	37,335	2,008
SOFT AND PEELER . . . . .	1	(1)	87	37
STONE . . . . .	124	68	124	68
TOTAL CRABS . . . . .	9,445	702	37,546	2,113
LOBSTERS:				
NORTHERN . . . . .	-	-	4	3
SPINY . . . . .	1,677	1,058	1,677	1,058
SHRIMP . . . . .	4,934	2,500	20,598	9,010
CLAMS:				
HARD, PUBLIC . . . . .	17	9	234	121
RANGIA . . . . .	-	-	86	27
TOTAL CLAMS . . . . .	17	9	320	148
CONCHS . . . . .	12	4	12	4
OCTOPUS . . . . .	-	-	2	(1)

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

# SOUTH ATLANTIC FISHERIES

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## LANDINGS BY STATES, 1967 - Continued

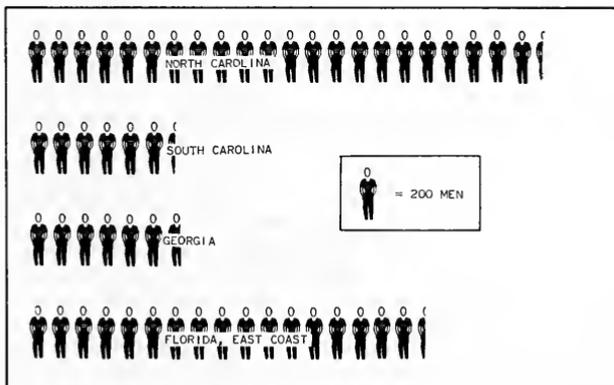
(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	FLORIDA, EAST COAST		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE
SHELLFISH, ETC. - CONTINUED				
OYSTERS, MARKET:				
PUBLIC:				
SPRING . . . . .	36	15	221	126
FALL . . . . .	32	13	267	158
PRIVATE:				
SPRING . . . . .	68	27	1,545	594
FALL . . . . .	47	19	1,127	473
TOTAL OYSTERS . . . . .	183	74	3,160	1,351
SCALLOPS:				
BAY . . . . .	-	-	367	211
CALICO . . . . .	-	-	1,410	317
TOTAL SCALLOPS . . . . .	21	8	1,797	528
SQUID . . . . .	3	1	42	4
TURTLES:				
LOGGERHEAD . . . . .	2	(1)	2	(1)
SNAPPER . . . . .	-	-	19	3
SOFT-SHELL . . . . .	310	23	310	23
TOTAL TURTLES . . . . .	312	23	331	26
SPONGES:				
GRASS . . . . .	1	1	1	1
SHEEPSWOL . . . . .	9	49	9	49
YELLOW . . . . .	3	5	3	5
TOTAL SHELLFISH, ETC. . . . .	16,617	4,434	65,502	14,300
GRAND TOTAL . . . . .	93,006	9,823	353,344	25,026

1/ LESS THAN 500 POUNDS OR \$500.

NOTE:--STATISTICS ON THE LANDINGS ARE SHOWN IN ROUND (LIVE) WEIGHT EXCEPT FOR SHELL MOLLUSKS. CLAMS, CONCHS, AND OYSTERS ARE REPORTED IN WEIGHT OF TOTAL MEATS; SCALLOPS, IN WEIGHT OF EDIBLE MEATS.

## FISHERMEN EMPLOYED IN THE SOUTH ATLANTIC FISHERIES, 1967



## SOUTH ATLANTIC FISHERIES

## LANDINGS OF CERTAIN SHELLFISH, 1967

(U.S. STANDARD BUSHELS)

SPECIES	NORTH CAROLINA		SOUTH CAROLINA		GEORGIA	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
CLAMS, PUBLIC:						
HARD . . . . .	22,880	\$105,648	1,783	\$5,961	-	-
RANGIA . . . . .	10,617	26,764	-	-	-	-
OYSTERS, MARKET:						
PUBLIC:						
SPRING . . . . .	36,274	111,444	-	-	-	-
FALL . . . . .	45,562	144,716	-	-	-	-
PRIVATE:						
SPRING . . . . .	9,982	32,366	558,917	466,602	36,082	\$67,952
FALL . . . . .	8,160	27,850	417,532	380,335	29,112	46,055
SCALLOPS:						
BAY . . . . .	96,825	211,291	-	-	-	-
CALICO . . . . .	352,437	308,843	-	-	-	-

SPECIES	FLORIDA, EAST COAST		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE
CLAMS, PUBLIC:				
HARD . . . . .	2,100	\$8,755	26,763	\$120,364
RANGIA . . . . .	-	-	10,617	26,764
OYSTERS, MARKET:				
PUBLIC:				
SPRING . . . . .	8,250	14,648	44,524	126,092
FALL . . . . .	8,833	12,768	54,395	157,484
PRIVATE:				
SPRING . . . . .	15,477	27,307	620,458	594,227
FALL . . . . .	12,944	19,186	467,748	473,426
SCALLOPS:				
BAY . . . . .	-	-	96,825	211,291
CALICO . . . . .	7,667	7,672	360,104	316,515

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

## AVERAGE WEIGHTS OF CERTAIN SHELLFISH, 1967

(POUNDS OF MEATS PER U.S. STANDARD BUSHEL)

SPECIES	NORTH CAROLINA	SOUTH CAROLINA	GEORGIA	FLORIDA, EAST COAST
	QUANTITY	QUANTITY	QUANTITY	QUANTITY
CLAMS, PUBLIC:				
HARD . . . . .	8.75	8.75	-	8.00
RANGIA . . . . .	8.10	-	-	-
OYSTERS, MARKET:				
PUBLIC:				
SPRING . . . . .	5.10	-	-	4.40
FALL . . . . .	5.16	-	-	3.60
PRIVATE:				
SPRING . . . . .	5.46	2.31	3.65	4.40
FALL . . . . .	5.36	2.31	2.45	3.60
SCALLOPS:				
BAY . . . . .	4.00	-	-	-
CALICO . . . . .	3.94	-	-	2.70

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



# SOUTH ATLANTIC FISHERIES

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## PROCESSED FISHERY PRODUCTS, 1967

ITEM	NORTH CAROLINA		SOUTH CAROLINA	
	QUANTITY	VALUE	QUANTITY	VALUE
ALEWIVES:				
FRESH AND FROZEN, FOR BAIT . . . . .	POUNDS	(1)	(1)	(1)
CANNED:				
FISH . . . . .	STANDARD CASES	(1)	-	-
ROE . . . . .	DO	(1)	-	-
SALTED . . . . .	POUNDS	6,124,010	\$919,228	-
MEAL AND SCRAP . . . . .	TONS	(1)	-	-
BLUEFISH FILLETS, FRESH . . . . .	POUNDS	(1)	-	-
CATFISH, DRESSED, SKINS OFF, FROZEN.	OO	(1)	(1)	(1)
EELS:				
DRESSED, SKINS OFF, FROZEN . . . . .	DO	-	(1)	(1)
SALTED FOR BAIT . . . . .	DO	(1)	-	-
FLOUNDERS:				
FILLETS:				
FRESH AND FROZEN . . . . .	DO	(1)	-	-
BREADED RAW, FROZEN . . . . .	DO	(1)	-	-
SPECIALTIES, FROZEN (STUFFED, BREADED RAW) . . . . .	DO	(1)	-	-
HERRING, THREAD:				
MEAL AND SCRAP . . . . .	TONS	(1)	-	-
OIL . . . . .	1,000 POUNDS	(1)	-	-
MENHADEN:				
MEAL AND SCRAP . . . . .	TONS	15,728	1,936,281	-
OIL . . . . .	1,000 POUNDS	11,907	475,299	-
SOLUBLES . . . . .	TONS	6,713	402,694	-
MULLET:				
ROE, FRESH . . . . .	POUNDS	(1)	(1)	-
SALTED:				
FISH . . . . .	DO	(1)	(1)	-
ROE . . . . .	DO	(1)	(1)	-
SPANISH MACKEREL:				
FILLETS, FROZEN . . . . .	DO	(1)	(1)	-
SALTED . . . . .	DO	(1)	-	-
SPOT, SALTED . . . . .	DO	(1)	-	-
STRIPED BASS FILLETS, FRESH . . . . .	DO	(1)	(1)	-
STURGEON, ROE, FRESH . . . . .	OO	-	(1)	(1)
TROUT, SEA, FILLETS, FRESH . . . . .	DO	(1)	(1)	-
CRABS, BLUE:				
FRESH AND FROZEN:				
COOKED MEAT . . . . .	DO	2,289,455	3,068,061	453,292
SPECIALTIES, (DEVILED, CAKES, AU GRATIN, STICKS, ETC.) . . . . .	DO	114,581	94,797	-
CANNED:				
REGULAR . . . . .	STANDARD CASES	(1)	(1)	(1)
ROE . . . . .	DO	(1)	-	-
MEAL AND SCRAP . . . . .	TONS	(1)	-	-
SHRIMP, FRESH AND FROZEN:				
RAW, HEADLESS . . . . .	POUNDS	758,000	613,480	(1)
PEELED (INCLUDING DEVEINED), RAW . . . . .	DO	(1)	(1)	(1)
BREADED RAW . . . . .	DO	(1)	-	-
SPECIALTIES (COCKTAILS, CREÔLES, STUFFED, ETC.) . . . . .	OO	(1)	(1)	-
CLAMS, FRESH AND FROZEN:				
SHUCKED:				
HARD . . . . .	GALLONS	(1)	(1)	-
RANGIA . . . . .	OO	(1)	-	-
SPECIALTIES . . . . .	POUNDS	(1)	(1)	-
OYSTERS:				
SHUCKED, FRESH . . . . .	GALLONS	50,830	383,286	161,200
BREADED RAW, FROZEN . . . . .	POUNDS	(1)	-	-
CANNED, REGULAR . . . . .	STANDARD CASES	-	-	(1)
SCALLOPS:				
BAY:				
SHUCKED, FRESH . . . . .	GALLONS	48,408	336,745	-
BREADED RAW, FROZEN . . . . .	POUNDS	(1)	-	-
CALICO, SHUCKED, FRESH AND FROZEN.	GALLONS	170,980	921,216	-
TURTLE MEAT, FROZEN . . . . .	POUNDS	(1)	(1)	-
UNCLASSIFIED:				
FRESH AND FROZEN PACKAGED, FILLETS, STEAKS, STICKS, PORTIONS, AND OTHER FISH AND SHELLFISH . . . . .	DO	3,455,776	942,543	1,677,683
CANNED . . . . .	STANDARD CASES	31,301	517,142	(2)
CUREO . . . . .	POUNDS	(2)	-	(2)
INDUSTRIAL . . . . .	-	-	310,045	-
<b>TOTAL . . . . .</b>	<b>-</b>	<b>-</b>	<b>10,920,017</b>	<b>-</b>
				<b>3,686,484</b>

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

## SOUTH ATLANTIC FISHERIES

## PROCESSED FISHERY PRODUCTS, 1967 - Continued

ITEM	GEORGIA		FLORIDA, EAST COAST	
	QUANTITY	VALUE	QUANTITY	VALUE
BUTTERFISH, SMOKED . . . . .	POUNDS	-	(1)	(1)
CARP, SMOKED . . . . .	DO	-	(1)	(1)
CATFISH STEAKS, FROZEN . . . . .	DO	-	(1)	(1)
CHUBS, SMOKED . . . . .	DO	-	(1)	(1)
COD FILLETS, BREADED RAW, FROZEN . . . . .	DO	-	(1)	(1)
DRUM, RED, FILLETS, FROZEN . . . . .	DO	-	(1)	(1)
FLOUNDER:				
FILLETS:				
FRESH AND FROZEN . . . . .	DO	-	(1)	(1)
BREADED RAW, FROZEN . . . . .	DO	-	(1)	(1)
SPECIALTIES, FROZEN (STUFFED, BREADED RAW) . . . . .	DO	(1)	(1)	(1)
GROUPER FILLETS:				
FROZEN . . . . .	DO	-	133,900	\$69,095
BREADED RAW, FROZEN . . . . .	DO	-	(1)	(1)
HERRING, SEA, SPECIALTIES, CURED AND REFRIGERATED (IN SAUCES, ETC.) . . . . .	DO	-	(1)	(1)
HERRING, THREAD:				
MEAL AND SCRAP . . . . .	TONS	-	(1)	(1)
OIL . . . . .	1,000 POUNDS	-	(1)	(1)
SOLUBLES . . . . .	TONS	-	(1)	(1)
KING MACKEREL:				
FILLETS AND STEAKS, FROZEN . . . . .	POUNDS	-	(1)	(1)
CANNED (PASTE) . . . . .	STANDARD CASES	-	(1)	(1)
SMOKED . . . . .	POUNDS	-	(1)	(1)
KING WHITING FILLETS AND STEAKS, FROZEN . . . . .	DO	-	(1)	(1)
MENHADEN:				
MEAL AND SCRAP . . . . .	TONS	-	(1)	(1)
OIL . . . . .	1,000 POUNDS	-	(1)	(1)
SOLUBLES . . . . .	TONS	-	(1)	(1)
MULLET, CANNED . . . . .	STANDARD CASES	-	(1)	(1)
POMPANO FILLETS AND STEAKS . . . . .	POUNDS	-	(1)	(1)
SABLEFISH, SMOKED . . . . .	DO	-	(1)	(1)
SALMON:				
SALTED . . . . .	DO	-	(1)	(1)
SMOKED . . . . .	DO	-	(1)	(1)
SHARKS:				
FINS . . . . .	-	-	-	(1)
LEATHERS . . . . .	-	-	-	(1)
SNAPPER, RED, FILLETS, FROZEN . . . . .	POUNDS	-	288,162	295,478
SPANISH MACKEREL:				
FILLETS, FROZEN . . . . .	DO	-	595,771	279,537
CANNED . . . . .	STANDARD CASES	-	(1)	(1)
STURGEON, SMOKED . . . . .	POUNDS	-	(1)	(1)
TUNALIKE FISH (BONITO), CANNED . . . . .	STANDARD CASES	-	(1)	(1)
SMOKED . . . . .	POUNDS	-	(1)	(1)
CRABS:				
BLUE, FRESH AND FROZEN:				
COOKED MEAT . . . . .	DO	1,082,234	\$1,617,507	1,445,021
SPECIALTIES (DEVILED, CAKES, AU GRATIN, STICKS, ETC.) . . . . .	DO	471,304	433,877	661,911
MEAL AND SCRAP . . . . .	TONS	(1)	(1)	(1)
KING, SPECIALTIES, FROZEN . . . . .	POUNDS	-	-	(1)
STONE, CLAWS, COOKED, FROZEN . . . . .	DO	-	-	(1)
LOBSTERS, SPINY, FRESH AND FROZEN:				
COOKED MEAT . . . . .	DO	-	(1)	(1)
TAILS, RAW . . . . .	DO	(1)	(1)	261,600
WHOLE, COOKED . . . . .	DO	-	-	1,743,302
SHRIMP, FRESH AND FROZEN:				
RAW, HEADLESS . . . . .	DO	789,532	809,343	791,732
PELLED (INCLUDING DEVILED):				
RAW . . . . .	DO	4,310,299	5,955,556	(1)
COOKED . . . . .	DO	(1)	(1)	(1)
BREADED RAW . . . . .	DO	17,294,303	17,631,513	10,526,196
SPECIALTIES (COCKTAILS, CREOLES, STUFFED, ETC.) . . . . .	DO	1,686,310	1,303,975	(1)
CLAMS, FRESH AND FROZEN, SHUCKED, HARD . . . . .	GALLONS	-	-	(1)
OYSTERS:				
SHUCKED, FRESH . . . . .	DO	15,481	119,978	11,272
BREADED RAW, FROZEN . . . . .	POUNDS	(1)	(1)	279,280
SPECIALTIES, FRESH (COCKTAILS, REFRIGERATED) . . . . .	DO	(1)	(1)	-
SHELL, GRIT AND LIME . . . . .	TONS	-	-	(1)

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

# SOUTH ATLANTIC FISHERIES

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## PROCESSED FISHERY PRODUCTS, 1967 - Continued

ITEM	GEORGIA		FLORIDA, EAST COAST	
	QUANTITY	VALUE	QUANTITY	VALUE
SCALLOPS:				
CALICO, BREADED, RAW AND COOKED,				
FROZEN . . . . .	POUNDS	923,187	-	-
SEA, BREADED RAW, FROZEN . . . . .	DO	-	335,986	\$335,982
UNCLASSIFIED:				
FRESH AND FROZEN PACKAGED, FILLETS,				
STEAKS, STICKS, PORTIONS AND				
OTHER FISH AND SHELLFISH. . . . .	DO	6,819,872	3,736,025	2,921,773
CANNED . . . . .	STANDARD CASES	-	(2)	(2)
CURED . . . . .	POUNDS	-	-	(2)
INDUSTRIAL . . . . .	-	-	-	2,273,022
TOTAL . . . . .	-	-	-	22,061,830

1/ INCLUDED WITH UNCLASSIFIED.  
 2/ INCLUDED WITH UNCLASSIFIED FISH AND SHELLFISH.

NOTE:--SOME PRODUCTS MAY HAVE BEEN PROCESSED FROM RAW PRODUCTS IMPORTED FROM ANOTHER STATE OR A FOREIGN COUNTRY; THEREFORE, THEY CANNOT BE CORRELATED DIRECTLY WITH THE CATCH WITHIN THE STATE. CERTAIN ITEMS ARE SHOWN IN AN INTERMEDIATE AND ALSO A MORE ADVANCED STAGE OF PROCESSING.

## SUMMARY OF PROCESSED PRODUCTS, 1967

(THOUSANDS OF DOLLARS)

ITEM	VALUE
PACKAGED:	
FRESH . . . . .	10,820
FROZEN . . . . .	49,846
CANNED . . . . .	1,862
CURED . . . . .	1,928
INDUSTRIAL . . . . .	5,413
TOTAL . . . . .	<b>69,869</b>

## VALUE OF PROCESSED PRODUCTS, BY STATES, 1967

(THOUSANDS OF DOLLARS)

STATE	VALUE
NORTH CAROLINA . . . . .	10,920
SOUTH CAROLINA . . . . .	3,686
GEORGIA . . . . .	33,181
FLORIDA, EAST COAST . . . . .	22,062
TOTAL . . . . .	<b>69,869</b>

## WHOLESALE AND PROCESSING, 1967

ITEM	NORTH CAROLINA	SOUTH CAROLINA	GEORGIA	FLORIDA, EAST COAST	TOTAL
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
WHOLESALE AND PROCESSING:					
ESTABLISHMENTS . . . . .	170	71	51	144	436
PERSONS ENGAGED:					
AVERAGE FOR SEASON . . . . .	2,783	888	2,248	1,804	7,723
AVERAGE FOR YEAR . . . . .	1,671	592	1,859	1,560	5,682

# SOUTH ATLANTIC FISHERIES

## NORTH CAROLINA

### OPERATING UNITS BY GEAR, 1967

ITEM	HAUL SEINES		PURSE SEINES	
	COMMON	LONG	MENHADEN	OTHER
	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>
FISHERMEN:				
ON VESSELS . . . . .	-	25	879	-
ON BOATS AND SHORE:				
REGULAR . . . . .	123	90	-	5
CASUAL . . . . .	199	114	-	-
TOTAL . . . . .	322	229	879	5
VESSELS, MOTOR. . . . .	-	9	52	-
GROSS TONNAGE . . . . .	-	71	13,172	-
BOATS:				
MOTOR . . . . .	58	85	104	2
OTHER . . . . .	24	83	-	2
GEAR:				
NUMBER . . . . .	82	47	52	1
LENGTH, YARDS . . . . .	29,519	60,450	20,800	300

ITEM	BAG NETS	OTTER TRAWLS			
		CRAB	FISH	SCALLOP	SHRIMP
		<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>
FISHERMEN:					
ON VESSELS . . . . .	6	270	363	56	671
ON BOATS AND SHORE:					
REGULAR . . . . .	90	125	-	-	269
CASUAL . . . . .	25	42	-	-	301
TOTAL . . . . .	121	438	363	56	1,241
VESSELS, MOTOR. . . . .	3	138	128	19	305
GROSS TONNAGE . . . . .	20	2,487	5,645	874	7,549
BOATS, MOTOR. . . . .	115	133	-	-	460
GEAR:					
NUMBER . . . . .	118	355	166	19	986
YARDS AT MOUTH. . . . .	3,005	4,737	3,807	209	13,524

ITEM	POUND NETS, FISH	FYKE AND HOOP NETS, FISH	POTS AND TRAPS		
			CRAB	EEL	FISH
			<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>
FISHERMEN:					
ON VESSELS . . . . .	-	-	27	-	96
ON BOATS AND SHORE:					
REGULAR . . . . .	121	7	175	4	28
CASUAL . . . . .	154	19	103	8	46
TOTAL . . . . .	275	26	305	12	170
VESSELS, MOTOR. . . . .	-	-	16	-	50
GROSS TONNAGE . . . . .	-	-	127	-	690
BOATS, MOTOR. . . . .	212	20	278	12	69
GEAR, NUMBER. . . . .	849	221	20,735	296	2,754

ITEM	ANCHOR, SET OR STAKE	DRIFT		RUNAROUND	HAND
		SHAD	OTHER		
		<u>NUMBER</u>	<u>NUMBER</u>		
FISHERMEN:					
ON VESSELS . . . . .	21	-	-	-	2
ON BOATS AND SHORE:					
REGULAR . . . . .	179	-	10	73	10
CASUAL . . . . .	329	4	9	61	10
TOTAL . . . . .	529	4	19	134	22
VESSELS, MOTOR. . . . .	9	-	-	-	1
GROSS TONNAGE . . . . .	73	-	-	-	41
BOATS, MOTOR. . . . .	486	4	19	72	11
GEAR:					
NUMBER . . . . .	2,104	4	19	72	734
SQUARE YARDS . . . . .	1,375,590	1,600	3,025	68,700	-
HOOKS OR BAITS . . . . .	-	-	-	-	840

(CONTINUED ON NEXT PAGE)

# SOUTH ATLANTIC FISHERIES

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## NORTH CAROLINA - OPERATING UNITS BY GEAR, 1967 - Continued

ITEM	LINES - CONTINUED					DREDGES		
	TROLL	LONG OR SET WITH HOOKS	TROT WITH BAITS	OIP NETS, COMMON	SPEARS	CLAM	OYSTER, COMMON	SCALLOP, BAY
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:								
ON VESSELS:	2	-	9	-	-	11	73	-
ON BOATS AND SHORE:								
REGULAR	6	17	85	4	15	-	136	100
CASUAL	11	9	59	-	78	-	64	45
TOTAL	19	26	153	4	93	11	273	145
VESSELS, MOTOR:	1	-	8	-	-	9	44	-
GROSS TONNAGE	11	-	50	-	-	57	356	-
BOATS, MOTOR:	12	26	143	4	93	-	182	145
GEAR:								
NUMBER:	37	92	151	4	93	9	237	275
YARDS AT MOUTH:	-	-	-	-	-	15	315	275
HOOKS OR BAITS:	38	9,400	110,600	-	-	-	-	-

ITEM	TONGS AND GRABS		RAKES		BY HAND		TOTAL, EX-CLUSIVE OF DUPLICATION
	OYSTER	OTHER	OYSTER	OTHER	OYSTER	OTHER	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	
FISHERMEN:							
ON VESSELS:	-	-	-	-	-	-	1,775
ON BOATS AND SHORE:							
REGULAR	155	-	25	59	57	-	1,277
CASUAL	122	37	40	201	141	15	1,406
TOTAL	277	37	65	260	198	15	4,458
VESSELS, MOTOR:	-	-	-	-	-	-	446
GROSS TONNAGE	-	-	-	-	-	-	23,698
BOATS:							
MOTOR	277	37	65	260	198	15	2,506
OTHER	-	-	-	-	-	-	111
GEAR, NUMBER:	277	37	65	260	-	-	-

## NORTH CAROLINA - LANDINGS OF CATCH BY GEAR, 1967

SPECIES	HAUL SEINES				PURSE SEINES	
	COMMON		LONG		MENHADEN	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	800	\$15	35,200	\$480	-	-
BLUEFISH	323,800	28,331	314,300	30,369	-	-
BUTTERFISH	2,200	120	10,800	597	-	-
CABIO	-	-	10,000	333	-	-
CARP	107,700	3,576	40,300	608	-	-
CATFISH AND BULLHEADS	48,900	6,845	18,100	2,432	-	-
CROAKER	6,900	582	273,800	16,251	-	-
ORUM:						
BLACK	16,400	878	14,700	836	-	-
REO	1,500	140	4,900	489	-	-
EEL, COMMON	3,100	124	-	-	-	-
FLOUNGERS	9,200	1,945	29,000	5,740	-	-
HARVESTFISH	11,900	1,187	54,900	5,473	-	-
HERRING, THREAD	-	-	-	-	6,307,300	\$68,561
HICKORY SHAD	800	34	-	-	-	-
KING WHITING OR "KINGFISH"	37,000	3,715	23,400	2,447	-	-
MACKEREL:						
KING	200	26	-	-	-	-
SPANISH	9,200	982	34,800	3,897	-	-
MENHADEN	10,000	100	5,000	50	150,454,000	1,693,468
MULLET, BLACK (LISA)	684,600	41,673	60,300	4,972	-	-
PIGFISH	4,000	281	90,500	5,357	-	-
POMPANO	4,200	1,554	28,200	10,486	-	-
SCUP OR PORGY	-	-	600	43	-	-
SEA BASS:						
SEA TROUT OR WEAKFISH:						
GRAY	23,700	2,311	269,800	29,961	-	-
SPOTTED	9,700	2,978	22,200	6,961	-	-
SHAD	500	84	500	80	-	-
SHEEPSHEAD, SALT-WATER	700	39	2,300	139	-	-
SPOT	511,300	36,108	1,501,300	105,528	-	-
STRIPED BASS	229,100	29,451	56,500	8,208	-	-
STURGEON, COMMON	800	121	100	13	-	-
WHITE PERCH	5,100	362	8,600	1,114	-	-
YELLOW PERCH	4,800	343	7,100	696	-	-
UNCLASSIFIED, FOR BAIT, REDUCTION, AND ANIMAL FOOD	-	-	271,700	1,364	-	-
TOTAL	2,068,100	163,904	3,189,500	244,983	156,761,300	1,762,029

(CONTINUED ON NEXT PAGE)

## SOUTH ATLANTIC FISHERIES

## NORTH CAROLINA - LANDINGS OF CATCH BY GEAR, 1967 - Continued

SPECIES	PURSE SEINES - CONTINUED		BAG NETS		OTTER TRAWLS	
	OTHER				CRAB	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUTTERFISH . . . . .	-	-	100	\$3	-	-
CATFISH AND BULLHEADS . . . . .	800	\$127	-	-	-	-
DRUM, BLACK . . . . .	-	-	-	-	200	\$11
FLOUNDERS . . . . .	-	-	2,200	363	47,400	8,196
KING WHITING OR "KINGFISH" . . . . .	-	-	-	-	3,000	360
SEA TROUT OR WEAKFISH, GRAY . . . . .	-	-	-	-	200	12
SPOT . . . . .	-	-	200	12	500	24
STRIPED BASS . . . . .	50,100	9,398	-	-	-	-
STURGEON, COMMON . . . . .	-	-	-	-	100	12
SWELLFISH . . . . .	-	-	-	-	400	11
WHITE PERCH . . . . .	1,300	198	-	-	-	-
CRABS, BLUE:						
HARD . . . . .	-	-	17,700	832	7,122,000	347,893
SOFT OR PEELER . . . . .	-	-	-	-	41,400	18,045
SHRIMP . . . . .	-	-	313,100	111,325	-	-
TOTAL . . . . .	52,200	9,723	333,300	112,535	7,215,200	374,564

SPECIES	OTTER TRAWLS - CONTINUED					
	FISH		SCALLOP		SHRIMP	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ANGLERFISH . . . . .	5,600	\$321	-	-	-	-
BLUEFISH . . . . .	11,900	2,026	-	-	300	\$39
BUTTERFISH . . . . .	349,900	13,909	-	-	11,600	389
CABIO . . . . .	-	-	-	-	100	1
CROAKER . . . . .	913,700	41,604	200	\$18	43,300	2,991
CRAB:						
BLACK . . . . .	5,000	265	-	-	1,400	90
RED . . . . .	400	36	-	-	-	-
FLOUNDERS . . . . .	3,770,600	736,326	3,800	648	176,000	33,744
GROUPEFS . . . . .	200	17	-	-	400	34
GRUNTS . . . . .	4,600	460	-	-	-	-
HARVESTFISH . . . . .	-	-	200	15	1,700	158
KING WHITING OR "KINGFISH" . . . . .	591,600	49,164	1,300	131	83,700	7,645
MACKEREL:						
ATLANTIC . . . . .	800	99	-	-	-	-
KING . . . . .	-	-	-	-	500	75
SPANISH . . . . .	-	-	-	-	600	71
PIGFISH . . . . .	13,500	1,134	700	39	13,000	1,003
SAND PERCH . . . . .	200	6	-	-	-	-
SCUP OR PORGY . . . . .	452,100	44,165	100	7	-	-
SEA BASS . . . . .	634,200	107,177	1,800	297	1,400	187
SEA TROUT OR WEAKFISH:						
GRAY . . . . .	1,323,400	58,283	200	22	52,400	3,980
SPOTTED . . . . .	700	210	-	-	400	111
SHARKS, UNCLASSIFIED . . . . .	5,400	330	-	-	-	-
SHEEPSHEAD, SALT-WATER . . . . .	400	21	-	-	200	9
SNAPPER, RED . . . . .	100	45	-	-	100	26
SPOT . . . . .	300,900	16,574	-	-	495,300	26,035
STRIPED BASS . . . . .	56,700	4,886	-	-	-	-
STURGEON, COMMON . . . . .	15,200	2,048	-	-	-	-
SWELLFISH . . . . .	358,300	8,316	5,600	130	700	22
UNCLASSIFIED FOR BAIT, REDUCTION, AND ANIMAL FOOD . . . . .	4,630,600	23,156	-	-	595,300	2,978
CRABS, BLUE:						
HARD . . . . .	500	29	-	-	318,100	14,701
SOFT OR PEELER . . . . .	-	-	-	-	600	234
LOBSTERS, NORTHERN . . . . .	4,200	2,605	-	-	4,605,600	1,697,961
SHRIMP . . . . .	-	-	1,388,600	306,843	-	-
SCALLOPS, CALICO . . . . .	-	-	-	-	1,700	180
SQUID . . . . .	36,800	2,893	-	-	-	-
TOTAL . . . . .	13,487,000	1,116,105	1,402,500	310,150	6,404,900	1,794,664

(CONTINUED ON NEXT PAGE)

# SOUTH ATLANTIC FISHERIES

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## NORTH CAROLINA - LANDINGS OF CATCH BY GEAR, 1967 - Continued

SPECIES	POUND NETS, FISH		FYKE AND HOOP NETS, FISH		POTS AND TRAPS	
	POUNDS	VALUE	POUNDS	VALUE	CRAB	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES . . . . .	18,395,100	\$316,285	2,600	\$53	-	-
BLUEFISH . . . . .	6,200	620	-	-	-	-
BUTTERFISH . . . . .	6,000	362	-	-	-	-
CARP . . . . .	16,600	206	4,400	62	-	-
CATFISH AND BULLHEADS . . . . .	412,800	66,181	35,900	5,766	-	-
CROAKER . . . . .	3,900	235	-	-	-	-
DRUM:						
BLACK . . . . .	6,400	379	-	-	-	-
RED . . . . .	1,200	103	-	-	-	-
EEL, COMMON . . . . .	1,000	39	-	-	-	-
FLOUNDERS . . . . .	273,800	63,898	-	-	-	-
HARVESTFISH . . . . .	72,400	7,485	-	-	-	-
HICKORY SHAD . . . . .	32,900	2,311	900	61	-	-
KING WHITING OR "KINGFISH" . . . . .	3,600	378	-	-	-	-
MACKEREL, SPANISH . . . . .	1,400	156	-	-	-	-
MENHADEN . . . . .	6,600	66	-	-	-	-
MULLET, BLACK (LISA) . . . . .	9,800	743	-	-	-	-
PIGFISH . . . . .	100	4	-	-	-	-
POMPANO . . . . .	100	16	-	-	-	-
SEA TROUT OR WEAKFISH:						
GRAY . . . . .	32,800	3,900	-	-	-	-
SPOTTED . . . . .	15,500	3,852	-	-	-	-
SHAD . . . . .	216,500	41,903	400	68	-	-
SHEEPSHEAD, SALT-WATER . . . . .	1,100	67	-	-	-	-
SPOT . . . . .	45,300	3,615	-	-	-	-
STRIPED BASS . . . . .	52,700	9,262	2,100	346	-	-
STURGEON, COMMON . . . . .	300	37	-	-	-	-
SWELLFISH . . . . .	2	-	-	-	-	-
WHITE PERCH . . . . .	162,400	21,063	19,200	1,670	-	-
YELLOW PERCH . . . . .	8,600	863	5,500	471	-	-
CRABS, BLUE:						
HARD . . . . .	-	-	-	-	4,071,800	\$210,235
SOFT OR PEELER . . . . .	-	-	-	-	21,500	9,144
TOTAL . . . . .	19,784,600	544,072	71,000	8,497	4,093,300	219,379

SPECIES	POTS AND TRAPS - CONTINUED				GILL NETS	
	EEL		FISH		ANCHOR, SET OR STAKE	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES . . . . .	-	-	-	-	46,200	\$777
BLUEFISH . . . . .	-	-	-	-	9,200	1,026
BOWFIN . . . . .	-	-	-	-	200	14
BUTTERFISH . . . . .	-	-	-	-	1,600	117
CARP . . . . .	-	-	100	\$1	47,100	746
CATFISH AND BULLHEADS . . . . .	-	-	462,100	73,541	509,900	76,791
CROAKER . . . . .	-	-	-	-	5,000	380
DRUMS:						
BLACK . . . . .	-	-	-	-	30,100	1,589
RED . . . . .	-	-	-	-	3,300	322
EEL, COMMON . . . . .	15,300	\$610	3,700	148	-	-
FLOUNDERS . . . . .	-	-	-	-	16,000	2,882
GROUPERS . . . . .	-	-	6,400	422	-	-
GRUNTS . . . . .	-	-	3,300	331	-	-
HARVESTFISH . . . . .	-	-	-	-	3,300	332
HICKORY SHAD . . . . .	-	-	-	-	94,100	5,882
KING WHITING OR "KINGFISH" . . . . .	-	-	100	15	91,500	8,322
MACKEREL, SPANISH . . . . .	-	-	-	-	400	45
MENHADEN . . . . .	-	-	-	-	5,100	51
MULLET, BLACK (LISA) . . . . .	-	-	-	-	95,300	8,148
PIGFISH . . . . .	-	-	-	-	1,600	111
SCUP OR PORGY . . . . .	-	-	800	76	-	-
SEA BASS . . . . .	-	-	1,353,300	195,520	-	-
SEA TROUT OR WEAKFISH:						
GRAY . . . . .	-	-	-	-	48,400	5,949
SPOTTED . . . . .	-	-	-	-	43,700	12,664
SHAD . . . . .	-	-	-	-	551,300	110,926
SHEEPSHEAD, SALT-WATER . . . . .	-	-	-	-	100	5
SNAPPER, RED . . . . .	-	-	700	196	-	-
SPOT . . . . .	-	-	-	-	76,600	5,778
STRIPED BASS . . . . .	-	-	-	-	1,363,000	190,458
STURGEON, COMMON . . . . .	-	-	-	-	22,000	2,781
SWELLFISH . . . . .	-	-	15,100	451	-	-
WHITE PERCH . . . . .	-	-	11,400	1,198	173,800	20,123
YELLOW PERCH . . . . .	-	-	1,900	137	8,700	866
OCTOPUS . . . . .	-	-	2,100	303	-	-
TOTAL . . . . .	15,300	610	1,869,800	272,890	3,247,400	457,065

(CONTINUED ON NEXT PAGE)

## SOUTH ATLANTIC FISHERIES

## NORTH CAROLINA - LANDINGS OF CATCH BY GEAR, 1967 - Continued

SPECIES	GILL NETS - CONTINUED					
	DRIFT				RUNAROUND	
	SHAD		OTHER		POUNDS	VALUE
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEEVES . . . . .	3,000	\$45	3,100	\$61		
BLUEFISH . . . . .	-	-	34,400	2,989	188,100	\$15,377
BUTTERFLISH . . . . .	-	-	-	-	1,100	45
CABIO . . . . .	-	-	100	2	-	-
CARP . . . . .	-	-	100	2	-	-
CATFISH AND BULLHEADS . . . . .	500	64	2,400	400	-	-
CROAKER . . . . .	-	-	-	-	36,600	3,040
DRUM:						
BLACK . . . . .	-	-	-	-	15,600	938
RED . . . . .	-	-	-	-	1,500	146
FLOUNDER . . . . .	-	-	-	-	4,000	883
HARVESTFISH . . . . .	-	-	-	-	1,300	133
HICKORY SHAD . . . . .	100	7	1,500	111	-	-
KING WHITING OR "KINGFISH" . . . . .	-	-	2,700	344	1,400	143
MACKEREL:						
KING . . . . .	-	-	-	-	100	19
SPANISH . . . . .	-	-	3,100	355	22,900	2,607
MULLET, BLACK (LISA) . . . . .	-	-	-	-	211,800	17,149
PIGFISH . . . . .	-	-	400	24	8,700	661
POMPANO . . . . .	-	-	-	-	1,200	279
SEA TROUT OR WEAKFISH:						
GRAY . . . . .	-	-	400	64	17,500	1,963
SPOTTED . . . . .	-	-	-	-	30,300	9,325
SHAD . . . . .	6,300	1,271	1,600	363	100	7
SHEEPSHEAD, SALT-WATER . . . . .	-	-	-	-	200	11
SPOT . . . . .	-	-	2,400	213	114,200	9,212
STRIPED BASS . . . . .	1,200	204	1,200	183	4,300	771
WHITE PERCH . . . . .	-	-	500	76	700	76
YELLOW PERCH . . . . .	-	-	-	-	300	30
TOTAL . . . . .	11,100	1,591	53,900	5,187	661,900	62,815

SPECIES	LINES					
	HAND		TROLL		LONG OR SET WITH HOOKS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CARP . . . . .	500	\$5	-	-	1,800	\$21
CATFISH AND BULLHEADS . . . . .	39,500	5,930	-	-	253,900	38,645
GROUPERS . . . . .	2,000	200	-	-	-	-
MACKEREL, KING . . . . .	-	-	22,900	\$4,918	-	-
SCUP OR PORGY . . . . .	500	60	-	-	-	-
SEA BASS . . . . .	2,900	462	-	-	-	-
SNAPPER, RED . . . . .	3,100	1,085	-	-	-	-
STRIPED BASS . . . . .	-	-	-	-	300	55
WHITE PERCH . . . . .	-	-	-	-	1,500	193
TURTLE, SNAPPER . . . . .	17,500	2,610	-	-	1,600	214
TOTAL . . . . .	66,000	10,352	22,900	4,918	259,100	39,128

SPECIES	LINES - CONTINUED		DIP NETS, COMMON		SPEARS	
	TROT WITH BAITS		POUNDS	VALUE	POUNDS	VALUE
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FLOUNDER . . . . .	-	-	-	-	59,400	\$12,801
MULLET, BLACK (LISA) . . . . .	-	-	-	-	1,400	185
CRABS, BLUE:						
HARD . . . . .	2,740,000	\$129,932	-	-	-	-
SOFT OR PEELER . . . . .	22,000	9,292	600	\$257	-	-
TOTAL . . . . .	2,762,000	139,224	600	257	60,800	12,946

(CONTINUED ON NEXT PAGE)

# SOUTH ATLANTIC FISHERIES

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## NORTH CAROLINA - LANDINGS OF CATCH BY GEAR, 1967 - Continued

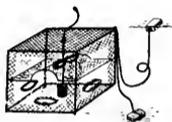
SPECIES	DREDGES					
	CLAM		OYSTER		SCALLOPS, BAY	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CRABS, BLUE, HARD . . . . .	-	-	-	-	2,200	\$132
CLAMS:						
HARD . . . . .	1,700	\$771	1,000	\$499	-	-
RANGIA . . . . .	85,400	26,591	400	112	-	-
OYSTERS, MARKET:						
PUBLIC:						
SPRING . . . . .	-	-	65,900	54,995	-	-
FALL . . . . .	-	-	83,600	55,213	-	-
PRIVATE:						
SPRING . . . . .	-	-	15,700	9,422	-	-
FALL . . . . .	-	-	10,300	6,794	-	-
SCALLOPS, BAY . . . . .	-	-	-	-	387,300	211,291
TOTAL . . . . .	87,100	27,362	196,900	127,035	389,500	211,423

SPECIES	TONGS AND GRABS				RAKES	
	OYSTER		OTHER		OYSTER	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CLAMS:						
HARD . . . . .	26,900	\$14,186	23,700	\$13,170	-	-
RANGIA . . . . .	200	61	-	-	-	-
OYSTERS, MARKET:						
PUBLIC:						
SPRING . . . . .	46,100	27,373	-	-	3,600	\$2,164
FALL . . . . .	88,600	53,421	-	-	9,900	6,263
PRIVATE:						
SPRING . . . . .	29,200	17,735	-	-	400	257
FALL . . . . .	15,500	9,679	-	-	6,100	4,074
TOTAL . . . . .	206,500	122,655	23,700	13,170	20,000	12,778

SPECIES	RAKES - CONTINUED		BY HAND			
	OTHER		OYSTER		OTHER	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CLAMS, HARD . . . . .	139,000	\$72,645	-	-	7,900	\$4,177
OYSTERS, MARKET:						
PUBLIC:						
SPRING . . . . .	-	-	49,400	\$26,912	-	-
FALL . . . . .	600	313	52,400	29,486	-	-
PRIVATE:						
SPRING . . . . .	-	-	9,200	4,952	-	-
FALL . . . . .	-	-	12,000	7,103	-	-
TOTAL . . . . .	139,600	73,158	123,000	68,453	7,900	4,177



# SOUTH ATLANTIC FISHERIES

## SOUTH CAROLINA

### OPERATING UNITS BY GEAR, 1967

ITEM	HAUL SEINES, COMMON	OTTER TRAWLS		POTS AND TRAPS
		CRAB	SHRIMP	CRAB
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS . . . . .	-	-	444	-
ON BOATS AND SHORE:				
REGULAR . . . . .	-	12	12	67
CASUAL . . . . .	152	-	20	80
TOTAL . . . . .	152	12	476	147
VESSELS, MOTOR. . . . .	-	-	217	-
GROSS TONNAGE . . . . .	-	-	6,218	-
BOATS:				
MOTOR . . . . .	10	11	16	147
OTHER . . . . .	6	-	-	-
GEAR:				
NUMBER . . . . .	16	11	438	8,820
LENGTH, YARDS . . . . .	3,180	-	-	-
YARDS AT MOUTH. . . . .	-	178	8,064	-
ITEM	POTS AND TRAPS - CONTINUED	GILL NETS		LINES
	FISH	ANCHOR, SET OR STAKE	DRIFT, SHAD	HAND
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS . . . . .	16	-	-	-
ON BOATS AND SHORE:				
REGULAR . . . . .	70	-	-	-
CASUAL . . . . .	30	12	70	2
TOTAL . . . . .	116	12	70	2
VESSELS, MOTOR. . . . .	8	-	-	-
GROSS TONNAGE . . . . .	292	-	-	-
BOATS, MOTOR. . . . .	35	6	70	1
GEAR:				
NUMBER . . . . .	1,136	6	70	2
SQUARE YARDS. . . . .	-	9,200	8,735	-
HOOKS OR BAITS. . . . .	-	-	-	4
ITEM	LINES - CONTINUED	DIP NETS, DROP	CAST NETS	TONGS AND GRABS, OYSTER
	TROT WITH BAITS			
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:				
REGULAR . . . . .	4	70	-	45
CASUAL . . . . .	-	30	3	45
TOTAL . . . . .	4	100	3	92
BOATS, MOTOR. . . . .	4	35	3	92
GEAR:				
NUMBER . . . . .	4	100	3	92
HOOKS OR BAITS. . . . .	2,888	-	-	-
ITEM	RAKES	BY HAND		TOTAL, EX- CLUSIVE OF DUPLI- CATION
		OYSTER	OTHER	
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS . . . . .	-	-	-	445
ON BOATS AND SHORE:				
REGULAR . . . . .	-	120	-	319
CASUAL . . . . .	16	90	7	491
TOTAL . . . . .	16	210	7	1,256
VESSELS, MOTOR. . . . .	-	-	-	218
GROSS TONNAGE . . . . .	-	-	-	6,293
BOATS:				
MOTOR . . . . .	16	210	7	587
OTHER . . . . .	-	-	-	6
GEAR, NUMBER. . . . .	16	-	-	-

# SOUTH ATLANTIC FISHERIES

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## SOUTH CAROLINA - LANDINGS OF CATCH BY GEAR, 1967

SPECIES	HAUL SEINES, COMMON		OTTER TRAWLS			
			CRAB		SHRIMP	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUEFISH . . . . .	47,600	\$5,226	-	-	-	-
BUTTERFISH . . . . .	12,100	968	-	-	-	-
DRUM, BLACK . . . . .	2,400	284	-	-	-	-
FLOUNDER . . . . .	-	-	-	-	33,000	\$7,639
KING WHITING OR "KINGFISH" . . . . .	31,500	2,695	-	-	90,200	8,262
MACKEREL, SPANISH . . . . .	1,000	141	-	-	1,500	129
MULLET, BLACK (LISA) . . . . .	768,500	56,960	-	-	-	-
POMPANO . . . . .	700	222	-	-	5,100	1,532
SEA BASS . . . . .	-	-	-	-	3,600	542
SEA TROUT OR WEAKFISH:	-	-	-	-	-	-
GRAY . . . . .	-	-	-	-	2,600	133
SPOTTED . . . . .	-	-	-	-	1,300	362
SHARKS, UNCLASSIFIED . . . . .	-	-	-	-	5,800	576
SPOT . . . . .	2,165,600	96,074	-	-	53,500	3,261
CRABS, BLUE, HARD . . . . .	-	-	682,200	\$29,291	-	-
SHRIMP . . . . .	52,400	15,300	-	-	4,002,200	1,655,188
TOTAL . . . . .	3,061,800	179,892	682,200	29,291	4,198,800	1,677,624

SPECIES	POTS AND TRAPS				GILL NETS	
	CRAB		FISH		ANCHOR, SET OR STAKE	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CATFISH AND BULLHEADS . . . . .	-	-	924,500	\$110,938	-	-
DRUM, RED . . . . .	-	-	-	-	900	\$127
EEL, COMMON . . . . .	-	-	76,300	7,630	-	-
FLOUNDERS . . . . .	-	-	-	-	600	180
SEA BASS . . . . .	-	-	56,900	6,884	-	-
SEA TROUT OR WEAKFISH:	-	-	-	-	-	-
SPOTTED . . . . .	-	-	-	-	300	102
STURGEON, COMMON . . . . .	-	-	-	-	33,200	5,784
CRABS, BLUE, HARD . . . . .	4,363,000	\$249,353	-	-	-	-
TOTAL . . . . .	4,363,000	249,353	1,057,700	125,452	35,000	6,193

SPECIES	GILL NETS - CONTINUED		LINES			
	DRIFT, SHAD		HAND		TROT WITH BAITS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
SEA BASS . . . . .	-	-	5,600	\$1,008	-	-
SHAD . . . . .	131,500	\$21,025	-	-	-	-
SNAPPER, RED . . . . .	-	-	3,000	1,200	-	-
CRABS, BLUE, HARD . . . . .	-	-	-	-	202,000	\$11,612
TOTAL . . . . .	131,500	21,025	8,600	2,208	202,000	11,612

SPECIES	DIP NETS, OROP		CAST NETS		TONGS AND GRABS, OYSTER	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
	ALEWIVES . . . . .	2,802,000	\$56,040	-	-	-
SHRIMP . . . . .	-	-	33,800	\$8,080	-	-
OYSTERS, MARKET, PRIVATE:	-	-	-	-	-	-
SPRING . . . . .	-	-	-	-	496,300	\$201,503
FALL . . . . .	-	-	-	-	317,000	126,488
TOTAL . . . . .	2,802,000	56,040	33,800	8,080	815,300	329,991

SPECIES	RAKES		BY HAND			
	OYSTER		OTHER		OYSTER	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CLAMS, HARD, PUBLIC . . . . .	7,300	\$3,103	-	-	6,300	\$2,858
OYSTERS, MARKET, PRIVATE:	-	-	-	-	-	-
SPRING . . . . .	-	-	792,800	\$265,099	-	-
FALL . . . . .	-	-	647,500	251,647	-	-
TOTAL . . . . .	7,300	3,103	1,440,300	516,946	6,300	2,858

# SOUTH ATLANTIC FISHERIES

## GEORGIA

### OPERATING UNITS BY GEAR, 1967

ITEM	OTTER TRAWLS		POTS AND TRAPS	
	CRAB	SHRIMP	CRAB	FISH
	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>
FISHERMEN:				
ON VESSELS . . . . .	85	672	-	-
ON BOATS AND SHORE:				
REGULAR . . . . .	90	190	108	7
CASUAL . . . . .	58	214	40	21
TOTAL . . . . .	233	1,076	148	28
VESSELS, MOTOR . . . . .	42	332	-	-
GROSS TONNAGE . . . . .	1,375	11,812	-	-
BOATS, MOTOR . . . . .	91	270	116	25
GEAR:				
NUMBER . . . . .	174	896	7,240	235
YARDS AT MOUTH . . . . .	2,761	13,024	-	-

ITEM	GILL NETS, DRIFT, SHAD	LINES	
		HAND	LONG OR SET WITH HOOKS
		<u>NUMBER</u>	<u>NUMBER</u>
FISHERMEN:			
ON VESSELS . . . . .	-	12	-
ON BOATS AND SHORE:			
REGULAR . . . . .	70	-	6
CASUAL . . . . .	162	12	30
TOTAL . . . . .	232	24	36
VESSELS, MOTOR . . . . .	-	4	-
GROSS TONNAGE . . . . .	-	165	-
BOATS:			
MOTOR . . . . .	165	6	33
OTHER . . . . .	31	-	-
GEAR:			
NUMBER . . . . .	259	27	128
SQUARE YARDS . . . . .	115,220	-	-
HOOKS OR BAITs . . . . .	-	50	12,200

ITEM	TONGS AND GRABS, OYSTER	BY HAND, OYSTER	TOTAL, EX- CLUSIVE OF DUPLI- CATION
			<u>NUMBER</u>
			<u>NUMBER</u>
FISHERMEN:			
ON VESSELS . . . . .	-	-	681
ON BOATS AND SHORE:			
REGULAR . . . . .	40	32	307
CASUAL . . . . .	15	25	391
TOTAL . . . . .	55	57	1,379
VESSELS, MOTOR . . . . .	-	-	335
GROSS TONNAGE . . . . .	-	-	11,941
BOATS:			
MOTOR . . . . .	55	47	494
OTHER . . . . .	33	27	91
GEAR, NUMBER . . . . .	55	-	-

# SOUTH ATLANTIC FISHERIES

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## GEORGIA - LANDINGS OF CATCH BY GEAR, 1967

SPECIES	OTTER TRAWLS			
	CRAB		SHRIMP	
	POUNDS	VALUE	POUNDS	VALUE
CROAKER . . . . .	-	-	6,000	\$480
DRUM, RED . . . . .	-	-	200	27
FLOUNDERS . . . . .	-	-	22,100	4,360
KING WHITING OR "KINGFISH" . . . . .	-	-	186,700	18,815
MACKEREL, SPANISH . . . . .	-	-	2,000	105
SEA BASS . . . . .	-	-	400	49
SEA TROUT OR WEAKFISH:				
GRAY . . . . .	-	-	300	42
SPOTTED . . . . .	-	-	6,500	1,519
SHEEPSHEAD, SALT-WATER . . . . .	-	-	400	65
SPOT . . . . .	-	-	10,500	833
STURGEON, COMMON . . . . .	-	-	500	74
TRIPLETAIL . . . . .	-	-	400	45
UNCLASSIFIED, FOR BAIT, REDUCTION, AND ANIMAL FOOD . . . . .	-	-	203,400	3,509
CRABS, BLUE, HARD . . . . .	2,201,800	\$88,742	2,154,300	77,256
SHRIMP . . . . .	-	-	6,657,200	3,021,997
TOTAL . . . . .	2,201,800	88,742	9,250,900	3,129,256

SPECIES	POTS AND TRAPS			
	CRAB		FISH	
	POUNDS	VALUE	POUNDS	VALUE
CATFISH AND BULLHEADS . . . . .	-	-	29,400	\$5,399
EEL, COMMON . . . . .	-	-	4,200	268
SEA BASS . . . . .	-	-	700	105
CRABS, BLUE, HARD . . . . .	4,140,400	\$213,965	-	-
TOTAL . . . . .	4,140,400	213,965	34,300	5,772

SPECIES	GILL NETS DRIFT, SHAD		LINES HAND	
	POUNDS	VALUE	POUNDS	VALUE
	BOWFIN . . . . .	1,100	\$77	-
CARP . . . . .	300	15	-	-
CATFISH AND BULLHEADS . . . . .	1,100	195	-	-
DRUM:				
BLACK . . . . .	-	-	2,400	\$313
RED . . . . .	-	-	5,600	999
GROUPERS . . . . .	-	-	92,300	15,500
HICKORY SHAD . . . . .	1,300	37	-	-
SEA BASS . . . . .	-	-	1,700	340
SEA TROUT OR WEAKFISH, SPOTTED . . . . .	-	-	400	88
SHAD . . . . .	334,100	55,442	-	-
SHEEPSHEAD, SALT-WATER . . . . .	-	-	300	36
SNAPPER, RED . . . . .	-	-	54,900	20,668
STRIPED BASS . . . . .	200	30	-	-
STURGEON, COMMON . . . . .	200	10	-	-
SUCKERS . . . . .	1,000	21	-	-
TOTAL . . . . .	339,300	55,827	157,600	38,024

SPECIES	LINES - CONTINUED		TONGS AND GRABS, OYSTER		BY HAND, OYSTER	
	LONG OR SET WITH HOOKS		POUNDS	VALUE	POUNDS	VALUE
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CARP . . . . .	200	\$8	-	-	-	-
CATFISH AND BULLHEADS . . . . .	54,000	9,365	-	-	-	-
SUCKERS . . . . .	900	25	-	-	-	-
OYSTERS, MARKET, PRIVATE:						
SPRING . . . . .	-	-	\$105,500	\$54,003	26,800	\$13,949
FALL . . . . .	-	-	46,300	28,144	24,500	17,911
TOTAL . . . . .	55,100	9,398	151,800	82,147	51,300	31,860

# SOUTH ATLANTIC FISHERIES

## FLORIDA, EAST COAST

### OPERATING UNITS BY GEAR, 1967

ITEM	HAUL SEINES, COMMON	PURSE SEINES, MENHADEN	OTTER TRAWLS		POUND NETS, FISH	FYKE AND HOOP NETS, FISH
			SCALLOP	SHRIMP		
			NUMBER	NUMBER		
FISHERMEN:						
ON VESSELS . . . . .	-	85	12	616	-	-
ON BOATS AND SHORE, REGULAR . . . . .	120	-	-	17	4	13
TOTAL . . . . .	120	85	12	633	4	13
VESSELS, MOTOR . . . . .	-	5	4	290	-	-
GROSS TONNAGE . . . . .	-	766	252	13,201	-	-
BOATS:						
MOTOR . . . . .	30	10	-	9	4	12
OTHER . . . . .	42	-	-	-	-	-
GEAR:						
NUMBER . . . . .	29	5	4	576	8	340
LENGTH, YARDS . . . . .	20,300	2,510	44	8,756	-	-
YARDS AT MOUTH . . . . .	-	-	-	-	-	-

ITEM	POTS AND TRAPS					GILL NETS	
	CRAB		EEL	FISH	LOBSTER, SPINY	ANCHOR, SET OR STAKE	DRIFT, SHAD
	BLUE	OTHER					
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS . . . . .	-	6	-	-	156	-	-
ON BOATS AND SHORE, REGULAR . . . . .	145	17	-	173	291	18	36
CASUAL . . . . .	18	-	3	31	3	-	-
TOTAL . . . . .	163	23	3	204	450	18	36
VESSELS, MOTOR . . . . .	-	3	-	-	65	-	-
GROSS TONNAGE . . . . .	-	31	-	-	974	-	-
BOATS, MOTOR . . . . .	163	9	3	204	164	10	20
GEAR:							
NUMBER . . . . .	22,450	3,100	75	9,935	94,125	37	20
SQUARE YARDS . . . . .	-	-	-	-	-	20,200	19,600

ITEM	GILL NETS-CONTINUED		TRAMMEL NETS	LINES			CAST NETS	SPEARS
	RUNAROUND			HAND	TROLL	LONG OR SET WITH HOOKS		
	NUMBER	NUMBER		NUMBER	NUMBER	NUMBER		
FISHERMEN:								
ON VESSELS . . . . .	75	-	183	42	-	-	-	
ON BOATS AND SHORE, REGULAR . . . . .	426	92	205	313	534	3	-	
CASUAL . . . . .	24	6	222	109	106	-	9	
TOTAL . . . . .	525	98	610	464	640	3	9	
VESSELS, MOTOR . . . . .	24	-	66	20	-	-	-	
GROSS TONNAGE . . . . .	279	-	1,753	258	-	-	-	
BOATS, MOTOR . . . . .	279	84	348	357	629	3	9	
GEAR:								
NUMBER . . . . .	303	84	619	629	681	3	9	
SQUARE YARDS . . . . .	799,065	83,710	-	-	-	-	-	
HOOKS OR BAITS . . . . .	-	-	1,075	629	998,450	-	-	

ITEM	TONGS, OYSTER	RAKES	HOOKS		DIVING OUTFITS	BY HAND		TOTAL, EXCLUSIVE OF DUPLICATION
			SPONGE	OTHER		OYSTER	OTHER	
			NUMBER	NUMBER		NUMBER	NUMBER	
FISHERMEN:								
ON VESSELS . . . . .	-	-	-	-	-	-	-	1,019
ON BOATS AND SHORE, REGULAR . . . . .	13	6	13	6	-	45	2	2,054
CASUAL . . . . .	3	-	21	-	3	-	1	422
TOTAL . . . . .	16	6	34	6	3	45	3	3,495
VESSELS, MOTOR . . . . .	-	-	-	-	-	-	-	413
GROSS TONNAGE . . . . .	-	-	-	-	-	-	-	16,005
BOATS:								
MOTOR . . . . .	16	6	29	3	3	45	3	1,987
OTHER . . . . .	-	-	-	-	-	-	-	39
GEAR, NUMBER . . . . .	16	6	29	3	-	-	-	-

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

# SOUTH ATLANTIC FISHERIES

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## FLORIDA, EAST COAST - LANDINGS OF CATCH BY GEAR, 1967

SPECIES	HAUL SEINES, COMMON		PURSE SEINES, MENHADEN		OTTER TRAWLS	
	POUNDS	VALUE	POUNDS	VALUE	SCALLOP	
					POUNDS	VALUE
ANGEL FISH . . . . .	500	\$26	-	-	-	-
BLUEFISH . . . . .	149,700	17,672	-	-	-	-
BLUE RUNNER . . . . .	2,000	52	-	-	-	-
CATFISH AND BULLHEADS . . . . .	20,000	4,000	-	-	-	-
CREVALLE . . . . .	118,200	2,372	-	-	-	-
CROAKER . . . . .	34,700	7,424	-	-	-	-
DRUM:						
BLACK . . . . .	19,900	1,848	-	-	-	-
RED . . . . .	22,100	4,665	-	-	-	-
FLOUNDERS . . . . .	5,600	1,043	-	-	-	-
GOATFISH . . . . .	50,000	5,177	-	-	-	-
HERRING, THREAD . . . . .	-	-	2,623,700	\$24,691	-	-
KING WHITING OR "KINGFISH" . . . . .	227,500	29,425	-	-	-	-
MENHADEN . . . . .	800	40	42,283,700	401,695	-	-
MOJARRA . . . . .	48,700	3,721	-	-	-	-
MULLET, BLACK (LISA) . . . . .	87,100	5,613	-	-	-	-
PIGFISH . . . . .	500	26	-	-	-	-
POMFANO . . . . .	10,900	6,692	-	-	-	-
SEA CATFISH . . . . .	2,000	105	-	-	-	-
SEA TROUT OR WEAKFISH:						
GRAY . . . . .	41,500	4,519	-	-	-	-
SPOTTED . . . . .	6,200	1,950	-	-	-	-
SHAD . . . . .	139,900	19,610	-	-	-	-
SHEEPSHEAD, SALT-WATER . . . . .	1,500	182	-	-	-	-
SPOT . . . . .	36,900	4,393	-	-	-	-
TRIPLLETAIL . . . . .	500	26	-	-	-	-
UNCLASSIFIED:						
FOR FOOD . . . . .	19,700	1,329	-	-	-	-
BAIT, REDUCTION, AND ANIMAL FOOD . . . . .	172,700	3,262	-	-	-	-
SCALLOPS, CALICO . . . . .	-	-	-	-	20,700	\$7,672
TOTAL . . . . .	1,219,100	125,174	44,907,400	426,386	20,700	7,672

SPECIES	OTTER TRAWLS - CONTINUED		POUND NETS, FISH		FYKE AND HOOP NETS, FISH	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUEFISH . . . . .	3,500	\$415	-	-	-	-
CATFISH AND BULLHEADS . . . . .	-	-	33,800	\$6,199	92,300	\$16,928
CROAKER . . . . .	7,500	1,108	-	-	-	-
DRUM, BLACK . . . . .	500	58	-	-	-	-
FLOUNDERS . . . . .	130,000	23,210	-	-	-	-
KING WHITING OR "KINGFISH" . . . . .	1,016,700	93,852	-	-	-	-
HACKEREL, SPANISH . . . . .	3,300	346	-	-	-	-
SEA TROUT OR WEAKFISH:						
GRAY . . . . .	26,000	2,753	-	-	-	-
SPOTTED . . . . .	1,000	348	-	-	-	-
SPOT . . . . .	1,000	111	-	-	-	-
UNCLASSIFIED:						
FOR FOOD . . . . .	7,900	768	-	-	-	-
BAIT, REDUCTION AND ANIMAL FOOD . . . . .	44,900	959	-	-	-	-
CRABS, BLUE, HARD . . . . .	150,000	6,000	-	-	-	-
SHRIMP . . . . .	4,934,200	2,499,832	-	-	-	-
SQUID . . . . .	3,200	655	-	-	-	-
TURTLES, LOGGERHEAD . . . . .	200	16	-	-	-	-
TOTAL . . . . .	6,329,900	2,630,431	33,800	6,199	92,300	16,928

SPECIES	POTS AND TRAPS					
	CRAB					
	BLUE		OTHER		EEL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
EEL, COMMON . . . . .	-	-	-	-	27,100	\$2,543
CRABS:						
BLUE:						
HARD . . . . .	9,166,500	\$627,864	-	-	-	-
SOFT AND PEELER . . . . .	600	310	-	-	-	-
STONE . . . . .	500	125	124,100	\$57,631	-	-
TOTAL . . . . .	9,167,600	628,299	124,100	67,631	27,100	2,543

(CONTINUED ON NEXT PAGE)

## SOUTH ATLANTIC FISHERIES

## FLORIDA, EAST COAST - LANDINGS OF CATCH BY GEAR, 1967 - Continued

SPECIES	POTS AND TRAPS - CONTINUED				GILL NETS	
	FISH		LOBSTER, SPINY		ANCHOR, SET OR STAKE	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUEFISH . . . . .	-	-	-	-	1,000	\$106
CATFISH AND BULLHEADS . . . . .	2,167,700	\$425,730	-	-	-	-
SEA TROUT OR WEAFFISH, SPOTTED . . . . .	-	-	-	-	500	174
SHAD . . . . .	-	-	-	-	54,800	12,455
CRABS, BLUE, HARD . . . . .	-	-	2,900	\$286	-	-
LOBSTERS, SPINY . . . . .	-	-	1,673,600	1,056,475	-	-
TOTAL . . . . .	2,167,700	425,730	1,676,500	1,056,761	56,300	12,735

SPECIES	GILL NETS - CONTINUED				TRAMMEL NETS	
	DRIFT, SHAD		RUNAROUND			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ANGELFISH . . . . .	-	-	8,900	\$473	-	-
BLUEFISH . . . . .	-	-	1,062,600	136,092	500	\$61
BLUE RUNNER . . . . .	-	-	4,000	100	100	2
CREVALLE . . . . .	-	-	47,000	1,135	1,000	22
CROAKER . . . . .	-	-	77,600	12,362	2,000	460
DRUM:						
BLACK . . . . .	-	-	32,400	2,350	1,300	94
RED . . . . .	-	-	91,100	16,726	3,500	547
FLOUNDERS . . . . .	-	-	10,400	2,070	-	-
GOATFISH . . . . .	-	-	41,400	4,298	-	-
KING WHITING OR "KINGFISH" . . . . .	-	-	131,500	18,480	9,000	1,464
MACKEREL:						
KING . . . . .	-	-	1,699,800	309,655	-	-
SPANISH . . . . .	-	-	1,567,400	140,142	-	-
MENHADEN . . . . .	-	-	1,012,200	25,504	-	-
MOJARRA . . . . .	-	-	66,700	5,375	-	-
MULLET:						
BLACK (LISA) . . . . .	-	-	2,781,200	173,502	25,000	1,586
SILVER . . . . .	-	-	213,300	14,567	-	-
PERMIT . . . . .	-	-	400	34	-	-
PIGFISH . . . . .	-	-	18,300	1,277	300	12
POMPANO . . . . .	-	-	332,100	199,354	171,300	98,205
SEA CATFISH . . . . .	-	-	8,400	392	500	30
SEA TROUT OR WEAFFISH:						
GRAY . . . . .	-	-	42,100	5,336	3,700	491
SPOTTED . . . . .	500	\$174	428,400	122,206	87,500	25,025
SHAD . . . . .	124,000	20,016	-	-	-	-
SHEEPSHEAD, SALT-WATER . . . . .	-	-	122,600	11,559	1,000	79
SPOT . . . . .	-	-	794,900	114,721	50,500	7,274
TRIPLETAIL . . . . .	-	-	1,000	56	-	-
UNCLASSIFIED:						
FOR FOOD . . . . .	-	-	207,100	16,708	6,500	459
BAIT, REDUCTION, AND ANIMAL FOOD . . . . .	-	-	138,600	3,442	8,000	200
CRABS, BLUE, HARD . . . . .	-	-	500	65	-	-
TURTLES, LOGGERHEAD . . . . .	-	-	1,800	165	-	-
TOTAL . . . . .	124,500	20,190	11,264,000	1,338,366	371,700	136,011

SPECIES	LINES					
	HANO		TROLL		LONG OR SET WITH HOOKS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
AMBERJACK . . . . .	22,300	\$1,270	-	-	-	-
BLUEFISH . . . . .	59,300	7,427	49,700	\$6,054	-	-
BLUE RUNNER . . . . .	50,700	1,951	-	-	-	-
BONITO . . . . .	-	-	5,700	173	-	-
CABIO . . . . .	3,500	277	5,100	536	-	-
CATFISH AND BULLHEADS . . . . .	-	-	-	-	-	-
CREVALLE . . . . .	64,700	1,448	-	-	9,912,600	\$1,963,617
CROAKER . . . . .	22,000	3,586	-	-	-	-
DOLPHIN . . . . .	-	-	35,300	4,259	-	-
DRUM:						
BLACK . . . . .	28,600	2,109	-	-	-	-
RED . . . . .	30,400	5,083	-	-	-	-
FLOUNDERS . . . . .	5,200	1,256	-	-	-	-
GOATFISH . . . . .	3,500	381	-	-	-	-
GROUPEFS . . . . .	368,300	54,280	-	-	-	-
GRUNTS . . . . .	33,000	2,350	-	-	-	-
HOGFISH . . . . .	3,300	493	-	-	-	-
JEWFISH . . . . .	55,800	4,734	-	-	-	-
KING WHITING OR "KINGFISH" . . . . .	51,000	6,134	-	-	-	-

(CONTINUED ON NEXT PAGE)

# SOUTH ATLANTIC FISHERIES

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## FLORIDA, EAST COAST - LANDINGS OF CATCH BY GEAR, 1967 - Continued

SPECIES	LINES					
	HAND		TROLL		LONG OR SET WITH HOOKS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
MACKEREL:						
KING . . . . .	32,200	\$5,597	1,056,200	\$181,058	-	-
SPANISH . . . . .	57,000	5,586	73,800	7,013	-	-
MOJARRA . . . . .	13,000	1,104	-	-	-	-
PERMIT . . . . .	700	58	-	-	-	-
PIG FISH . . . . .	1,000	68	-	-	-	-
POMPANO . . . . .	34,500	21,305	-	-	-	-
SCUP OR PORGY . . . . .	36,800	3,545	-	-	-	-
SEA BASS . . . . .	77,100	10,791	-	-	-	-
SEA CATFISH . . . . .	2,000	132	-	-	-	-
SEA TROUT OR WEAKFISH:						
GRAY . . . . .	12,700	1,570	1,700	223	-	-
SPOTTED . . . . .	65,000	18,474	12,100	3,398	-	-
SHARKS, UNCLASSIFIED . . . . .	-	-	-	-	1,306,900	\$22,625
SHEEPSHEAD, SALT-WATER . . . . .	31,400	2,838	-	-	-	-
SNAPPER:						
LANE . . . . .	2,800	439	-	-	-	-
MANGROVE . . . . .	90,900	19,812	-	-	-	-
MUTTON . . . . .	38,900	12,380	-	-	-	-
RED . . . . .	863,500	316,846	-	-	-	-
VERMILION . . . . .	14,600	4,903	-	-	-	-
YELLOWTAIL . . . . .	112,600	35,254	-	-	-	-
SPOT . . . . .	15,200	2,227	-	-	-	-
TILEFISH . . . . .	400	37	-	-	-	-
TRIGGERFISH . . . . .	3,500	309	-	-	-	-
TRIPLETAIL . . . . .	-	-	200	12	-	-
WARSAW . . . . .	25,400	2,372	-	-	-	-
UNCLASSIFIED, FOR FOOD . . . . .	84,700	6,521	-	-	-	-
TURTLES, SOFT-SHELL . . . . .	-	-	-	-	309,900	23,242
TOTAL . . . . .	2,415,700	564,947	1,239,800	202,726	11,529,400	2,009,684

SPECIES	CAST NETS		SPEARS		TONGS, OYSTER	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FLOUNDERS . . . . .	-	-	2,500	\$512	-	-
MULLET:						
BLACK (LISA) . . . . .	3,000	\$159	-	-	-	-
SILVER . . . . .	5,000	356	-	-	-	-
OYSTERS, MARKET:						
PUBLIC:						
SPRING . . . . .	-	-	-	-	15,000	\$6,105
FALL . . . . .	-	-	-	-	7,000	2,800
PRIVATE:						
SPRING . . . . .	-	-	-	-	43,500	17,487
FALL . . . . .	-	-	-	-	25,700	10,681
TOTAL . . . . .	8,000	515	2,500	512	91,200	37,073

SPECIES	RAKES		HOOKS			
			SPONGE		OTHER	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CLAMS, HARD, PUBLIC . . . . .	16,800	\$8,543	-	-	-	-
CONCHS . . . . .	-	-	-	-	12,300	\$3,452
SPONGES:						
GRASS . . . . .	-	-	1,000	\$1,243	-	-
SHEEPSWOL . . . . .	-	-	8,600	49,152	-	-
YELLOW . . . . .	-	-	3,100	4,871	-	-
TOTAL . . . . .	16,800	8,543	12,700	55,266	12,300	3,452

SPECIES	DIVING OUTFITS		BY HAND			
			OYSTER		OTHER	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
LOBSTERS, SPINY . . . . .	3,000	\$1,815	-	-	-	-
CLAMS, HARD, PUBLIC . . . . .	-	-	-	-	400	\$212
OYSTERS, MARKET:						
PUBLIC:						
SPRING . . . . .	-	-	21,300	\$8,543	-	-
FALL . . . . .	-	-	24,600	9,968	-	-
PRIVATE:						
SPRING . . . . .	-	-	24,600	9,820	-	-
FALL . . . . .	-	-	20,900	8,505	-	-
TOTAL . . . . .	3,000	1,815	91,600	36,936	400	212

## SOUTH ATLANTIC FISHERIES

## SUPPLEMENTARY TABLES

## FLORIDA - OPERATING UNITS BY DISTRICT, 1967

ITEM	EAST COAST	WEST COAST	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER
FISHERMEN:			
ON VESSELS . . . . .	1,019	3,712	4,489
ON BOATS AND SHORE:			
REGULAR . . . . .	2,054	2,778	4,832
CASUAL . . . . .	422	1,298	1,720
TOTAL . . . . .	3,495	7,788	11,041
VESSELS, MOTOR . . . . .	413	1,277	1,579
GROSS TONNAGE . . . . .	16,005	55,051	66,086
BOATS:			
MOTOR . . . . .	1,987	3,143	5,130
OTHER . . . . .	39	26	65
GEAR:			
HAUL SEINES, COMMON . . . . .	29	105	134
LENGTH, YARDS . . . . .	20,300	65,650	85,950
PURSE SEINES:			
HERRING (THREAD) . . . . .	-	3	3
LENGTH, YARDS . . . . .	-	2,600	2,600
MENHADEN . . . . .	5	-	5
LENGTH, YARDS . . . . .	2,510	-	2,510
OTHER . . . . .	-	7	7
LENGTH, YARDS . . . . .	-	1,900	1,900
OTTER TRAWLS:			
SCALLOP . . . . .	4	-	4
YARDS AT MOUTH . . . . .	44	-	44
SHRIMP . . . . .	578	1,787	2,189
YARDS AT MOUTH . . . . .	8,756	28,177	34,291
POUND NETS:			
CRAB . . . . .	-	30	30
FISH . . . . .	8	-	8
FYKE AND HOOP NETS, FISH.	340	-	340
POTS AND TRAPS:			
CRAB:			
BLUE . . . . .	22,450	43,900	66,350
OTHER . . . . .	3,100	39,328	42,428
EEL . . . . .	75	25	100
FISH . . . . .	9,935	-	9,935
LOBSTER, SPINY . . . . .	94,125	91,800	185,925
GILL NETS:			
ANCHOR, SET OR STAKE . . . . .	37	5	42
SQUARE YARDS . . . . .	20,200	1,600	22,000
DRIFT:			
SHAD . . . . .	20	-	20
SQUARE YARDS . . . . .	19,600	-	19,600
OTHER . . . . .	-	22	22
SQUARE YARDS . . . . .	-	48,500	48,500
RUNAROUND . . . . .	303	1,044	1,340
SQUARE YARDS . . . . .	799,065	1,967,290	2,732,855
TRAWL NETS . . . . .	84	338	422
SQUARE YARDS . . . . .	83,710	470,499	554,209
LINES:			
HAND . . . . .	619	2,382	2,981
HOOKS . . . . .	1,075	7,249	8,286
TROLL . . . . .	629	1,017	1,646
HOOKS . . . . .	629	1,017	1,646
LONG OR SET WITH HOOKS . . . . .	661	36	717
HOOKS . . . . .	996,450	3,290	1,001,740
TROT WITH BAITS . . . . .	-	4	4
BAITS . . . . .	-	2,400	2,400
DIP NETS:			
COMMON . . . . .	-	4	4
DROP . . . . .	-	188	188
CAST NETS . . . . .	-	5	8
SPEARS . . . . .	9	57	66
DREGGES:			
CLAM . . . . .	-	1	1
YARDS AT MOUTH . . . . .	-	1	1
SCALLOP, BAY . . . . .	-	14	14
YARDS AT MOUTH . . . . .	-	14	14
TONGS:			
OYSTER . . . . .	16	733	749
OTHER . . . . .	-	2	2
RAKES . . . . .	6	-	6
HOOKS:			
SPONGE . . . . .	29	56	85
OTHER . . . . .	3	5	8
DIVING OUTFITS . . . . .	-	9	9

NOTE:--A TOTAL OF 692 FISHERMEN USING 668 MOTOR BOATS AND 3 SKIFFS FISHED 1 HAUL SEINE, 1,600 YARDS LONG; 6,870 FISH POTS AND TRAPS; AND 540 LONG OR SET LINES WITH 1,150 HOOKS IN THE INLAND LAKES OF FLORIDA. THESE OPERATING UNITS ARE INCLUDED WITH THOSE OF THE EAST COAST OF FLORIDA.

# SOUTH ATLANTIC FISHERIES

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## FLORIDA - LANDINGS BY DISTRICTS, 1967

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	EAST COAST		WEST COAST		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
FISH						
ALEEVES, . . . . .	-	-	163	5	163	5
AMBERJACK, . . . . .	22	1	34	2	56	3
ANGELFISH, . . . . .	9	(1)	9	(1)	18	(1)
BALLYHOOD, . . . . .	-	-	141	21	141	21
BARRACUDA, . . . . .	-	-	1	(1)	1	(1)
BLUEFISH, . . . . .	1,346	168	513	54	1,859	222
BLUE RUNNER, . . . . .	57	2	2,474	80	2,531	82
BONITO, . . . . .	6	(1)	4	(1)	10	(1)
CABIO, . . . . .	9	1	24	2	33	3
CATFISH AND BULLHEADS, . . . . .	12,226	2,417	36	6	12,262	2,423
CIGARFISH, . . . . .	-	-	563	66	563	66
CREVALLE, . . . . .	231	5	763	26	994	31
CROAKER, . . . . .	144	25	87	6	231	31
DOLPHIN, . . . . .	35	4	154	15	189	19
DRUM:						
BLACK, . . . . .	83	6	75	5	158	11
RED, . . . . .	147	27	495	70	642	97
COMMON, . . . . .	27	3	4	(1)	31	3
FLOUNDERS, . . . . .	154	28	183	39	337	67
GOATFISH, . . . . .	95	10	-	-	95	10
GROUPERS, . . . . .	368	54	6,407	924	6,775	978
GRUNTS, . . . . .	33	2	279	27	312	29
HERRING, THREAD, . . . . .	2,624	25	7,747	65	10,371	90
HOGFISH, . . . . .	3	(1)	15	2	18	2
JEWFISH, . . . . .	56	5	67	5	123	10
KING WHITING OR "KINGFISH", . . . . .	1,436	149	318	18	1,754	167
MACKEREL:						
KING, . . . . .	2,988	497	3,084	351	6,072	848
SPANISH, . . . . .	1,802	153	5,867	611	7,669	764
MENHADEN, . . . . .	43,297	427	127	4	43,424	431
MOJARRA, . . . . .	128	10	156	12	284	22
MULLET:						
BLACK (LISA), . . . . .	2,896	181	23,283	1,757	26,179	1,938
SILVER, . . . . .	218	15	1,068	72	1,306	87
PERMIT, . . . . .	1	(1)	15	2	16	2
PIGFISH, . . . . .	20	1	30	2	50	3
POMPANO, . . . . .	549	326	723	458	1,272	784
SCUP OR PORGY, . . . . .	37	4	53	6	90	10
SEA BASS, . . . . .	77	11	(1)	(1)	77	11
SEA CATFISH, . . . . .	17	1	163	10	177	11
SEA TROUT OR WEAFFISH:						
GRAY, . . . . .	128	15	-	-	128	15
SPOTTED, . . . . .	599	172	2,637	687	3,236	859
WHITE, . . . . .	-	-	183	19	183	19
SHAD, . . . . .	319	52	-	-	319	52
SHARKS, UNCLASSIFIED, . . . . .	1,307	23	-	-	1,307	23
SHEEPSHEAD, SALT-WATER, . . . . .	156	15	265	22	421	37
SNAPPER:						
LANE, . . . . .	3	(1)	18	3	21	3
MANGROVE, . . . . .	91	20	373	83	464	103
MUTTON, . . . . .	39	12	148	39	187	51
RED, . . . . .	864	317	5,053	1,804	5,917	2,121
VERMILION, . . . . .	15	5	52	14	67	15
YELLOWTAIL, . . . . .	113	35	850	258	963	293
SPANISH SARDINES, . . . . .	-	-	105	5	105	5
SPOT, . . . . .	898	129	294	23	1,192	152
STURGEON, COMMON, . . . . .	-	-	6	1	6	1
TENPOUNDER, . . . . .	-	-	1,014	38	1,014	38
TILEFISH, . . . . .	(1)	(1)	14	1	14	1
TRIGGERFISH, . . . . .	3	(1)	17	1	20	1
TRIPLETAIL, . . . . .	2	(1)	1	(1)	3	(1)
WARSAW, . . . . .	25	2	130	12	155	14
UNCLASSIFIED:						
FOR FOOD, . . . . .	326	26	1,237	98	1,563	124
BAIT, REDUCTION, AND ANIMAL FOOD, . . . . .	364	8	682	22	1,046	30
TOTAL FISH, . . . . .	76,389	5,389	68,224	7,853	144,613	13,242
SHELLFISH, ETC.						
CRABS:						
BLUE:						
HARD, . . . . .	9,320	634	13,976	817	23,296	1,451
SOFT AND PEELER, . . . . .	1	(1)	7	4	8	4
STONE, . . . . .	124	68	847	410	971	478
TOTAL CRABS, . . . . .	9,445	702	14,830	1,231	24,275	1,933

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

## SOUTH ATLANTIC FISHERIES

## FLORIDA - LANDINGS BY DISTRICTS, 1967 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	EAST COAST		WEST COAST		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
SHELLFISH, ETC. - CONTINUED						
LOBSTER, SPINY . . . . .	1,677	1,058	2,737	1,675	4,414	2,733
SHRIMP . . . . .	4,934	2,500	23,449	10,476	28,383	12,976
CLAMS, HARD, PUBLIC . . . . .	17	9	354	36	371	45
CONCHS. . . . .	12	4	3	1	15	5
OYSTERS, MARKET:						
PUBLIC:						
SPRING . . . . .	36	15	2,640	819	2,676	834
FALL . . . . .	32	13	1,763	551	1,795	564
PRIVATE:						
SPRING . . . . .	68	27	112	37	180	64
FALL . . . . .	47	19	63	20	110	39
TOTAL OYSTERS . . . . .	163	74	4,578	1,427	4,761	1,501
SCALLOPS:						
BAY . . . . .	-	-	7	5	7	5
CALICO . . . . .	21	6	-	-	21	6
SQUID . . . . .	3	1	31	3	34	4
TURTLES:						
GREEN, SEA . . . . .	-	-	152	25	152	25
LOGGERHEAD . . . . .	2	(1)	-	-	2	(1)
SOFT-SHELL . . . . .	310	23	-	-	310	23
SPONGES:						
GRASS . . . . .	1	1	1	1	2	2
SHEEPSWOOL . . . . .	9	49	36	375	45	424
YELLOW . . . . .	3	5	6	10	9	15
TOTAL SHELLFISH, ETC.	16,617	4,434	46,184	15,265	62,801	19,699
GRAND TOTAL . . . . .	93,006	9,823	114,408	23,118	207,414	32,941

1/ LESS THAN 500 POUNDS OR \$500.

NOTE:--THE LANDINGS OF 10,737,400 POUNDS OF CATFISH AND BULLHEADS (VALUED AT \$2,147,480) AND 309,900 POUNDS OF SOFT-SHELL TURTLES (VALUED AT \$23,242) TAKEN FROM THE INLAND LAKES ARE INCLUDED WITH THE EAST COAST OF FLORIDA. FOR THE PURPOSE OF THIS REPORT THE "EAST COAST OF FLORIDA" INCLUDES THE COASTAL COUNTIES FROM NASSAU TO DADE, INCLUSIVE, WHILE THE "WEST COAST OF FLORIDA" INCLUDES THOSE FROM MONROE TO ESCAMBIA, INCLUSIVE.



## SOUTH ATLANTIC SHRIMP FISHERY

Shrimp fishermen had a mediocre year. Landings of 13.1 million pounds of heads-off shrimp were just slightly less than the 13.6 million taken in 1966. However, the value (\$9.0 million) declined \$1.8 million as a result of a sharp reduction in exvessel prices during the peak of the season. A major factor in the price decline was the record supply of shrimp. The large quantity available resulted from an ever increasing volume of imports and a bumper crop of brown shrimp in the Gulf States.

The value was also affected by a change in the count size composition of landings. The size most affected by price reductions was medium shrimp (31-40 and 41-50 heads-off per pound) which were 56 percent of the total landings in 1967, but only 47 percent in 1966. In 1967, the exvessel average price per pound for 31-40 count shrimp was 64 cents--19 cents less than in the previous year; and the average price per pound for 41-50 count shrimp was 56 cents--14 cents less than a year ago. Large shrimp (15-20, 21-25, 26-30 heads-off per pound) were 38 percent of the total landings in both 1966 and 1967. The exvessel average price per pound for 15-20 count shrimp was 93 cents in both years, but the average price per pound for 21-25 shrimp in 1967 was 89 cents--4 cents less than in the previous year; and for 26-30 count shrimp, 80 cents--10 cents less than in 1966. Small shrimp (51-67 and 68 and over heads-off per pound) were only 6 percent of the 1967 landings--compared with 14 percent a year ago. The exvessel average price per pound for small shrimp was 9 and 4 cents less, respectively, than a year earlier.

Landings declined in all States except Georgia, where they were 3 percent greater than a year ago. Compared with 1966, North Carolina landings were down 14 percent; South Carolina, 3 percent; and Florida, East Coast, 1 percent. A marked decline in value of landings occurred in all States, compared with the previous year. The North Carolina value was down 29 percent, South Carolina, 23 percent; Georgia, 10 percent; and Florida, East Coast, 8 percent.

Landings of 5.0 million pounds of brown shrimp were 2.3 million less than in 1966, and accounted largely for the volume decline. Pink shrimp landings increased to nearly 1.0 million pounds--compared with 332,000 pounds in the previous year. Most of the pink shrimp were caught in North Carolina waters. Catches of white shrimp, the mainstay of the fishery in all States except North Carolina, were 7.1 million pounds--1.1 million more than a year ago. A few vessels continued to fish for royal red shrimp, but landings of 77,250 pounds were 22,000 pounds less than in 1966.

The quantities shown in the following tables are heads-off weight of the shrimp and are not directly comparable with the volume data published in the General Review and regional tables which represent the round weight of the catch.

The pounds of heads-off shrimp may be converted to heads-on (round) weight by multiplying brown shrimp by 1.61, pink by 1.60, white by 1.54, and royal red by 1.80.

Detailed information on 1967 landings of shrimp in the South Atlantic States, by months for each State, was published in Current Fishery Statistics No. 4775.



SHRIMP TRAWLER

## SOUTH ATLANTIC FISHERIES

## SUMMARY OF SHRIMP LANDINGS, 1967

SIZE	BROWN		PINK		WHITE	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
15 - 20 . . . . .	296,021	\$266,509	31,335	\$28,202	121,844	\$121,227
21 - 25 . . . . .	353,748	259,731	-	-	1,250,907	1,160,103
26 - 30 . . . . .	673,120	473,010	-	-	2,240,277	1,869,051
31 - 40 . . . . .	2,123,356	1,283,828	317,044	177,430	2,049,710	1,406,969
41 - 50 . . . . .	1,188,527	612,049	634,920	347,520	1,028,100	622,380
51 - 67 . . . . .	320,489	140,584	4,200	2,520	354,219	163,513
68 AND OVER . . . . .	539	250	-	-	34,231	12,351
TOTAL . . . . .	4,955,800	3,035,961	987,499	555,672	7,079,288	5,357,594

SIZE	ROYAL RED		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE
15 - 20 . . . . .	-	-	449,200	\$415,938
21 - 25 . . . . .	24,334	\$22,402	1,628,989	1,442,236
26 - 30 . . . . .	5,467	5,325	2,918,864	2,347,386
31 - 40 . . . . .	11,517	10,010	4,501,627	2,880,237
41 - 50 . . . . .	16,803	10,873	2,868,350	1,592,822
51 - 67 . . . . .	19,129	12,501	696,037	319,118
68 AND OVER . . . . .	-	-	34,770	12,601
TOTAL . . . . .	77,250	61,111	13,099,837	9,010,338



## SOUTH ATLANTIC SHRIMP LANDINGS, BY SPECIES AND SIZE, 1967

SPECIES AND SIZE	NORTH CAROLINA		SOUTH CAROLINA		GEORGIA	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
<b>BROWN:</b>						
15 - 20 . . . . .	293,866	\$264,478	-	-	893	\$795
21 - 25 . . . . .	296,820	214,563	2,700	\$2,484	39,292	29,172
26 - 30 . . . . .	77,427	52,689	342,559	239,992	196,754	135,193
31 - 40 . . . . .	446,468	261,401	763,320	444,006	694,829	444,289
41 - 50 . . . . .	634,344	307,435	326,616	169,258	165,132	95,261
51 - 67 . . . . .	202,991	78,665	28,182	12,528	29,462	15,093
TOTAL . . . . .	1,951,916	1,179,231	1,463,377	868,268	1,126,382	719,822
<b>PINK:</b>						
15 - 20 . . . . .	30,925	27,833	-	-	-	-
31 - 40 . . . . .	316,929	177,364	-	-	-	-
41 - 50 . . . . .	634,920	347,520	-	-	-	-
51 - 67 . . . . .	4,200	2,520	-	-	-	-
TOTAL . . . . .	986,974	555,237	-	-	-	-
<b>WHITE:</b>						
15 - 20 . . . . .	-	-	-	-	6,258	6,431
21 - 25 . . . . .	4,000	3,515	42,341	38,951	333,156	303,998
26 - 30 . . . . .	2,500	1,750	497,318	405,263	968,349	808,086
31 - 40 . . . . .	34,628	21,938	163,380	115,947	1,234,903	848,104
41 - 50 . . . . .	65,367	38,148	339,092	212,953	406,364	241,621
51 - 67 . . . . .	21,482	9,467	62,622	37,180	174,549	81,214
68 AND OVER . . . . .	-	-	-	-	9,403	3,818
TOTAL . . . . .	127,977	74,818	1,124,753	810,294	3,132,982	2,293,272

SEE NOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

# SOUTH ATLANTIC FISHERIES

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## SOUTH ATLANTIC SHRIMP LANDINGS, BY SPECIES AND SIZE, 1967 - Continued

SPECIES AND SIZE	NORTH CAROLINA		SOUTH CAROLINA		GEORGIA	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ROYAL RED:						
21 - 25 . . . . .	-	-	-	-	800	\$800
26 - 30 . . . . .	-	-	-	-	3,837	3,807
31 - 40 . . . . .	-	-	-	-	1,891	1,702
41 - 50 . . . . .	-	-	-	-	639	480
51 - 67 . . . . .	-	-	-	-	3,277	2,155
TOTAL . . . . .	-	-	-	-	10,444	8,944
GRAND TOTAL . . .	3,066,867	\$1,809,286	2,588,130	\$1,676,562	4,269,606	3,022,038

SPECIES AND SIZE	FLORIDA, EAST COAST		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE
BROWN:				
15 - 20 . . . . .	1,262	\$1,236	296,021	\$266,509
21 - 25 . . . . .	14,936	13,512	353,748	259,731
26 - 30 . . . . .	56,380	45,136	673,120	473,010
31 - 40 . . . . .	216,739	134,133	2,123,356	1,283,828
41 - 50 . . . . .	62,415	40,075	1,188,527	612,049
51 - 67 . . . . .	59,854	34,298	320,489	140,584
68 AND OVER . . .	539	250	539	250
TOTAL . . . . .	414,125	268,640	4,955,600	3,035,961
PINK:				
15 - 20 . . . . .	410	369	31,335	26,202
31 - 40 . . . . .	115	66	317,044	177,430
41 - 50 . . . . .	-	-	634,920	347,520
51 - 67 . . . . .	-	-	4,200	2,520
TOTAL . . . . .	525	435	987,499	555,672
WHITE:				
15 - 20 . . . . .	115,586	114,796	121,844	121,227
21 - 25 . . . . .	871,410	813,639	1,250,907	1,160,103
26 - 30 . . . . .	772,110	653,952	2,240,277	1,669,051
31 - 40 . . . . .	616,799	422,900	2,049,710	1,408,969
41 - 50 . . . . .	217,277	129,658	1,028,100	622,380
51 - 67 . . . . .	75,566	35,652	354,219	163,513
68 AND OVER . . .	24,828	8,533	34,231	12,351
TOTAL . . . . .	2,693,576	2,179,210	7,079,288	5,357,594
ROYAL RED:				
21 - 25 . . . . .	23,534	21,602	24,334	22,402
26 - 30 . . . . .	1,630	1,518	5,467	5,325
31 - 40 . . . . .	9,626	8,308	11,517	10,010
41 - 50 . . . . .	16,164	10,393	16,803	10,873
51 - 67 . . . . .	15,852	10,346	19,129	12,501
TOTAL . . . . .	66,606	52,167	77,250	61,111
GRAND TOTAL . . .	3,175,032	2,500,452	13,099,637	9,010,338

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, 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*), AND ROYAL RED (*LYMENOPENAEUS ROBUSTUS*). THE VALUE REPORTED IS THE AMOUNT RECEIVED BY THE OWNERS OR OPERATORS OF THE VESSELS 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 6 - GULF FISHERIES

The commercial landings of fish and shellfish at ports of the Gulf States (West Coast of Florida, Alabama, Mississippi, Louisiana, and Texas) were 1.2 billion pounds worth a record \$127.4 million--a decline of 15.4 million pounds but an increase of \$4.8 million compared with the previous year. Significant decreases in landings of blue crabs and menhaden were a major factor in the volume decline. The record value was principally the result of one of the best shrimp seasons in many years.

Alabama landings were a record 26.4 million pounds and a record \$8.3 million--a gain of 28 and 22 percent, respectively, compared with 1966. Texas landings of 138.2 million pounds were worth a record \$49.7 million--12 and 16 percent more, respectively, than in the previous year. A major factor contributing to the record volume and value in these two States was the rapidly expanding shrimp fleet composed of newer, larger, and more efficient vessels than in the past. Along the West Coast of Florida, however, landings of 114.4 million pounds were 9 percent less than in 1966; and the production in both Mississippi (262.1 million pounds) and Louisiana (639.7 million) declined 3 percent compared with a year ago. The value of landings in the West Coast of Florida (\$23.1 million), Mississippi (\$9 million), and Louisiana (\$37.3 million) declined 7, 1, and 4 percent, respectively, compared with the previous year.

Fishermen and vessels. A record 21,170 full-time fishermen operated in the Gulf fisheries--454 more than in 1966. Of this number, 12,671 were on vessels and 8,499 were on boats or fishing from shore. The number of casual fishermen (those deriving less than 50 percent of their income from fishing) increased from 4,593 in 1966 to 4,753 in 1967. Probable cause of the increase was the bumper crop of shrimp available in the central and western waters of the Gulf of Mexico. Most casual fishermen fished commercially on holidays or during periods of vacation from their regular employment in other industries.

The vessel fleet continued to expand. In 1967, it numbered 3,968 vessels--a gain of 186 compared with the previous year. First documents as fishing craft were issued to 499 vessels with registered home ports in the Gulf and South Atlantic States (both areas are here combined since many vessels with home ports in the South Atlantic usually enter the Gulf shrimp fishery). Of this number, 457 were newly constructed. About 380 (83 percent) of the newly constructed vessels entered the shrimp fishery in the Gulf of Mexico and international

waters off Central and South America. Additions to other major fishing fleets included seven red-snapper handline vessels, eight menhaden seiners, and seven industrial fish trawlers.

Weather. One of the most devastating hurricanes in many years inflicted millions of dollars of damage to vessels and seafood processing plants along the Texas coast. Hurricane Beulah moved ashore near Port Isabel, Tex., on September 21. About 120 shrimp trawlers in the vicinity of Brownsville-Port Isabel either sank or sustained major damage in the 160-mile-per-hour winds that swept across the area. About 15 small bay boats were sunk or beached in the Aransas Pass-Rockport area as a result of a tornado spawned by the hurricane. Seafood processing plants from Aransas Pass to Brownsville were damaged severely. Heavy rains continued for 3 days after the hurricane passed, and floods resulting from these rains caused extensive oyster mortalities from Lavaca Bay southward. In the aftermath of the hurricane, the readily available loans granted by the Small Business Administration helped industry to rehabilitate vessels and plants rapidly. One difficult and lengthy project was to raise about 20 shrimp trawlers that had sunk in the Brownsville ship turning basin. This work was not completed until the last week in November. Some of the processing firms needed only minimal cleaning after the flood waters subsided, but others, principally at Port Isabel, were almost completely destroyed.

Shrimp. Landings of 225.7 million pounds of shrimp (heads-on) worth a record \$90.6 million were 46.5 million pounds and \$7.6 million more than in the previous year. The harvest, second only to the record 1954 production of 237.2 million pounds, was the result of an unusually abundant crop of brown shrimp in both the inshore and offshore waters of Louisiana and Texas. The only area reporting smaller landings than in 1966 was the West Coast of Florida where the yield of 23.4 million pounds declined 19 percent. Principal cause of the decline was a sharp decrease in the catch taken from Sanibel-Tortugas grounds.

A record harvest in both Alabama (14.5 million pounds) and Texas (102.9 million pounds) was 36 and 47 percent more, respectively, than in the previous year. Compared with 1966, landings in Louisiana (75.3 million pounds) increased 21 percent and in Mississippi (9.6 million pounds), 27 percent. The increased production resulted mainly from greater catches of brown shrimp. Small brown shrimp

were so abundant in the offshore waters of Louisiana and Texas during June and July that many vessels had catches of more than 10,000 pounds (heads-on) in 5 to 7 days of fishing. During the same period, several vessels reported catching as much as 3,000 pounds of brown shrimp in 10 hours of fishing.

Several difficulties were encountered in processing this harvest. Catches were so large that most of the shrimp could not be beheaded at sea as usual but were landed whole and taken to shore plants for beheading. The unusually heavy landings overwhelmed the plants, and processors soon refused to accept any more shrimp than their labor force could process in a 8-hour day. This restriction delayed the unloading of vessels and necessitated using more ice than usual to preserve the catch. In turn, the supply of ice in all ports was too small to meet the increased needs and fishermen were delayed in port for as much as 2 to 3 days while awaiting ice.

Exvessel prices reached an alltime high at most Gulf ports during the first quarter of the year; however, when it became apparent that brown shrimp were very abundant, the prices of small and medium shrimp were cut sharply each week, beginning about mid-June. Frequently, the price cuts were as much as 30 cents per pound compared with prices for the same period in 1966. By the end of June, however, prices for small and medium shrimp stabilized and, early in August, began an upward trend. When the year ended, prices for these sizes were not as high as in the previous year but appeared to be equitable in view of the large quantities available. The exvessel price of large shrimp (under 15, 15-20, and 21-25 tails per pound) declined sharply for short periods during the third quarter of the year but reached record values again before the year's end.

The American Shrimp Cannery Association held special ceremonies at Grand Terre, La., on July 12, to commemorate the 100th anniversary of the shrimp canning industry. The site of the ceremony was near the location where George W. Dunbar perfected the first commercial canning of shrimp in 1867.

Menhaden. Landings of 700 million pounds of menhaden were 92.6 million pounds (12 percent) less than in the previous year, and the smallest production since 1958. Landings declined in all States. The value also declined--principally because of record imports of fish meal from Peru. In addition, there was little market demand for fish oil. Consequently, domestic producers of meal and oil were obliged to carry over unusually large inventories at the end of the year.

Oysters. Landings of 21.7 million pounds of oyster meats worth \$8.5 million increased 4.6 million pounds and \$2 million compared with the previous year. A good production for most States resulted in marked increases in the harvest in Mississippi (up 70 percent), Louisiana (up 63 percent), and Alabama (up 60 percent); and a moderate gain in the West Coast of Florida (up 10 percent) compared with 1966. Texas landings were 25 percent less than a year ago. The production gains in Mississippi and Louisiana resulted principally from the opening of the Mississippi dredge reefs in February. This produced excellent catches for both Mississippi and Louisiana vessels. At times, landings from the vessels were so heavy that canning plants worked at peak capacity to handle the volume. The increased oyster catch on Louisiana reefs during the fall season showed that the reefs had almost completely recovered from the devastating effects of the 1965 hurricane. Alabama landings increased mainly because the reefs were open during the entire spring season--in contrast to prior years when they were closed during the most productive fishing time because of the threat of pollution from heavy rains and flooding. In Texas, the heat and drought that prevailed much of the year in the upper coastal bend area was undoubtedly a major factor in the production decline in Galveston Bay--the area that usually accounts for more than 80 percent of the Texas oyster harvest.

In addition to substantial catches, fishermen also had favorable marketing conditions most of the year. The market demand was consistently good, and fishermen received satisfactory prices--both for canned oysters and for live oysters.

Imports of canned oysters increased from 12 million pounds in 1966 to 16.1 million in 1967. Japan sent most of the imported pack, which sold for considerably less than the domestically produced canned oysters.

Hard blue crabs. Landings of 27.5 million pounds worth \$1.8 million were 3.4 million pounds and \$138,000 less than in the previous year. Production declined in all States except Alabama where the yield of 2.4 million pounds was 170,000 pounds (8 percent) greater than a year ago. Compared with 1966, landings in the West Coast of Florida (14 million pounds) declined 16 percent; Mississippi (1 million), 30 percent; Louisiana (7.6 million), 5 percent; and Texas (2.6 million pounds), 6 percent. The reasons for the smaller catch could not be determined but it seemed probable that in certain States, particularly Louisiana and Texas, fishermen preferred shrimping to crabbing because of the greater remuneration.

Louisiana fishermen used 58,785 crab pots--46 percent more than in the previous year; however, the number of trot lines with

# GULF FISHERIES

bait, long the predominant crabbing gear in Louisiana, declined from 710 in 1966 to 569 in 1967.

**Food finfish.** Landings of finfish for human consumption were 88,3 million pounds worth \$12.9 million--a decline of 2.8 million pounds and nearly \$300,000 compared with the previous year. Contributing to the decline were smaller landings of mullet, red snapper, groupers, Spanish mackerel, flounders, spotted sea trout, and fresh-water catfish. Mullet (lisa) landings of 28.2 million pounds were 1.1 million less than in 1966, and the smallest production since 1955. Landings of red snapper (11.9 million pounds) and groupers (7 million pounds) decreased 585,000 and 900,000 pounds, respectively, compared with a year earlier. Usually a mainstay of the handline fishery, the red snapper was no longer abundant on the Campeche Banks, once the most productive fishing ground; and groupers were scarce on all the major fishing grounds of the Gulf. The 6-million-pound harvest of Spanish mackerel was 1.1 million pounds less than the record production of 1966, and flounder landings (1.4 million pounds) declined 56,000 pounds. Landings of spotted sea trout (5 million pounds) and fresh-water catfish (3.8 million pounds) were 9 and 11 percent less, respectively, than in the previous year.

Among the species taken in greater volume in 1967, landings of black drum (1.4 million pounds) and pompano (745,000 pounds) increased 7 and 14 percent, respectively. Landings of red drum (2 million pounds) increased slightly because of an exceptionally good run in Louisiana waters. King mackerel landings were a record 3.1 million pounds--a gain of 17 percent compared with a year ago. The Gulf waters yielded 770,000 pounds of croakers for human consumption--more than double the 1966 production. Most of the catch was made by Alabama and Mississippi fishermen.

Exvessel prices remained about the same as in the previous year. The greatest gain was in the price of black drum which increased from an average price per pound of about 8-1/2 cents in 1966 to nearly 11 cents in 1967. The sharpest decline was in the average price per pound of pompano--63 cents in 1967 compared with 70 cents a year earlier.

**Thread herring.** Harvesting of thread herring, which has been long recognized as a potential industrial fish, was begun with landings of 10 million pounds. Three seiners, chartered by a newly constructed fish meal plant near Fort Myers, Fla., started fishing in October and had taken 7.7 million pounds by the end of the year. In November, a Louisiana processor sent several seiners to the Florida grounds and

had the catch of 2.3 million pounds transhipped back to Louisiana for processing. The Bureau's Branch of Exploratory Fishing and Gear Research helped to locate the fish and to develop fishing techniques for the thread herring fishery.

**Industrial fish.** Landings of industrial fish were 101.4 million pounds--compared with 78.8 million pounds in the previous year. Used principally for canned pet food, for frozen feed at fur farms, and for bait, the increased landings probably were the result of the opening of a new multimillion dollar pet food processing plant at Golden Meadow, La.

**Foreign agreement.** The United States and Mexico entered into an agreement for the continuation of traditional fisheries. The agreement concerns each nation's exclusive fishery zone (that area lying from 3 to 12 miles from the mainland coast and around islands) and reflects changes made by both countries in laws relating to jurisdiction over marine fisheries. The agreement, effective January 1, 1968, will continue for a 5-year period. Major terms and conditions of the agreement are: (1) United States commercial fishermen may continue to fish for shrimp, snapper, grouper, and species taken incidental to this catch in the 9-to-12-mile exclusive fishery zone on the Atlantic side, and for tunas, certain other species, and fish used for bait on the Pacific side. (2) The total catch for the 5-year period may not exceed that of the past 5 years. (3) Mexican fishermen may continue to fish in the waters from 9 to 12 miles off the coast in the United States contiguous zone where traditional and sustained fishing has been carried on in the past. (4) The two Governments will exchange reports designating areas where their nationals have fished continuously during the past 5 years in the other nation's fishery zones. Reports will also be exchanged listing the number, type, and net tonnage of vessels, and type of fishing gear used; as well as an annual listing of vessels that will fish in the exclusive fishing zone during the following year. (5) Representatives of the United States and Mexico will review the operation and consider any changes needed, at a meeting to be held annually. (6) No duties or taxes will be imposed by either country in these zones unless later deemed necessary, in which event the other Government will have an opportunity to discuss the proposed changes. (7) The two Governments will cooperate in preparing a program of scientific research and conservation of stocks of fish and shellfish, principally shrimp.

**Advisory committee.** Under the auspices of the Gulf States Marine Fisheries Commission, the United States Geological Survey, Branch of Oil

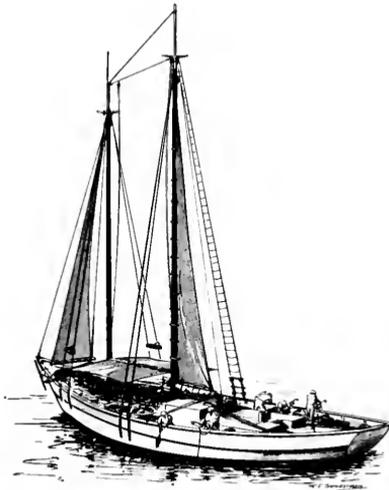
and Gas Operations, formed an advisory committee whose purpose is to solve some of the problems arising from the continuing expansion of oil and gas activities on the outer Continental Shelf, principally off Louisiana and Texas. The committee included the president of each shrimp association, the conservation commissioner from each State involved, and representatives of the oil and gas industry, the Bureau of Land Management, and the Bureau of Commercial Fisheries.

On the agenda were the two sources of most immediate concern to the commercial fishing industry: (1) the submerged well casings which either damage otter trawls or cause extensive loss of gear, and (2) the use of explosive charges in seismographic operations.

Other information. Condensed summary data on operating units and landings of the Gulf section appearing on the following pages were

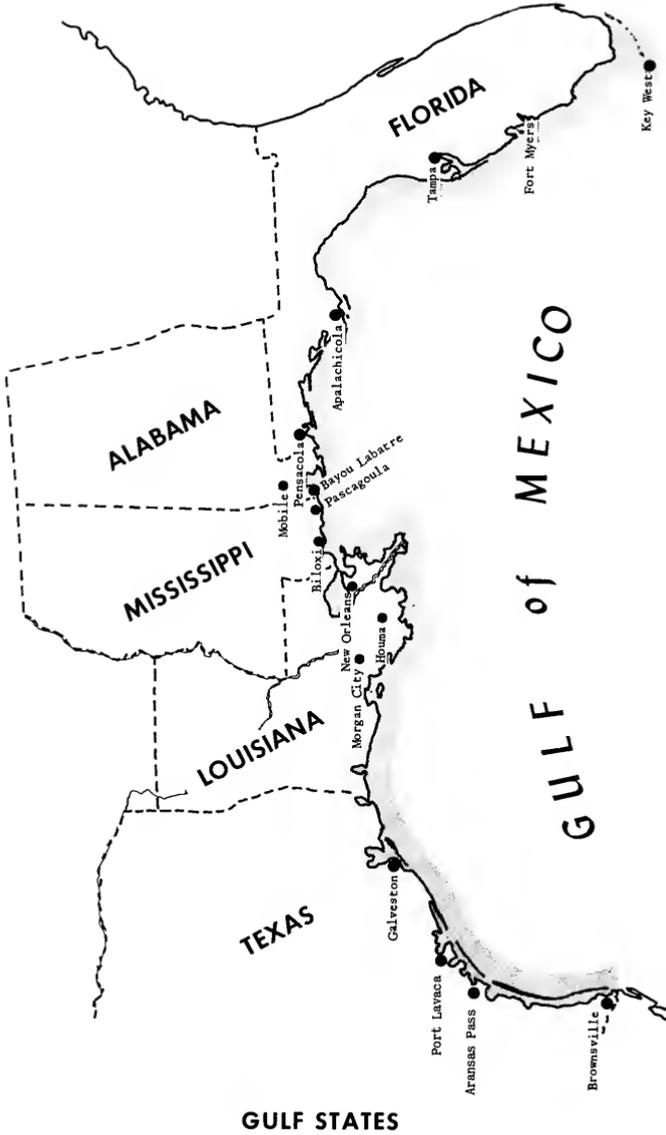
published previously in Current Fishery Statistics No. 5037. Data on the landings and operating units of the east coast of Florida and the entire State of Florida may be found in Section 5 of this Digest. Seasonal variations in landings of fish and shellfish in Florida, Alabama, Mississippi, Louisiana, and Texas can be ascertained from monthly and annual landing bulletins issued for each of these States. Additional data on many aspects of the Gulf fisheries may be found in daily, monthly, and annual reports published by the Bureau's Fishery Market News Service at New Orleans, Louisiana.

Acknowledgments. The following organizations helped collect the data appearing in this section: Florida State Board of Conservation, Alabama Department of Conservation, Mississippi Marine Conservation Commission, Louisiana Wild Life and Fisheries Commission, and Texas Parks and Wildlife Department.



SNAPPER SCHOONER

# GULF FISHERIES



GULF STATES

# GULF FISHERIES

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## SECTIONAL SUMMARIES SUMMARY OF LANDINGS, 1967

(MILLIONS OF POUNDS AND MILLIONS OF DOLLARS)

STATE	FISH		SHELLFISH, ETC.		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
FLORIDA, WEST COAST . . . . .	68	7	46	16	114	23
ALABAMA . . . . .	8	1	19	7	27	8
MISSISSIPPI . . . . .	248	5	14	4	262	9
LOUISIANA . . . . .	547	8	93	29	640	37
TEXAS . . . . .	29	2	109	48	138	50
TOTAL . . . . .	900	23	281	104	1,181	127

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, 1967

ITEM	FLORIDA, WEST COAST	ALABAMA	MISSIS- SIPPI	LOUISIANA	TEXAS	TOTAL, EX- CLUSIVE OF DUPLI- CATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS . . . . .	3,712	1,154	2,002	5,445	5,296	12,671
ON BOATS AND SHORE:						
REGULAR . . . . .	2,778	700	470	3,633	918	8,499
CASUAL . . . . .	1,298	276	668	1,984	527	4,753
TOTAL . . . . .	7,788	2,130	3,140	11,062	6,741	25,923
VESSELS, MOTOR . . . . .	1,277	418	545	1,698	1,794	3,968
GROSS TONNAGE . . . . .	55,051	18,552	26,760	94,284	104,612	200,916
BOATS:						
MOTOR . . . . .	3,143	566	1,197	4,626	1,073	10,600
OTHER . . . . .	26	99	34	40	49	248
GEAR:						
HAUL SEINES, COMMON	105	1	2	8	22	138
LENGTH, YARDS . . . . .	65,650	300	1,100	2,000	6,100	75,150
PURSE SEINES:						
HERRING . . . . .	3	-	-	-	-	3
LENGTH, YARDS . . . . .	2,600	-	-	-	-	2,600
MENHADEN . . . . .	-	-	21	60	4	84
LENGTH, YARDS . . . . .	-	-	10,810	33,424	2,000	45,704
OTHER . . . . .	7	-	-	-	-	7
LENGTH, YARDS . . . . .	1,900	-	-	-	-	1,900
BUTTERFLY NETS, SHRIMP . . . . .	-	-	-	782	-	782
YARDS AT MOUTH . . . . .	-	-	-	2,945	-	2,945
OTTER TRAWLS:						
FISH . . . . .	-	-	78	26	-	100
YARDS AT MOUTH . . . . .	-	-	1,454	517	-	1,998
SHRIMP . . . . .	1,787	834	1,142	5,940	3,888	10,549
YARDS AT MOUTH . . . . .	28,177	13,714	14,352	87,189	60,931	154,522
POUND NETS, CRAB . . . . .	30	-	-	-	-	30
FYKE AND HOOP NETS, FISH . . . . .	-	180	-	11,749	15	11,944
POTS AND TRAPS:						
CRAB:						
SLUE . . . . .	43,900	12,520	3,400	58,785	11,100	129,705
OTHER . . . . .	39,328	-	-	-	-	39,328
CRAWFISH . . . . .	-	-	-	13,736	-	13,736
EEL . . . . .	25	-	-	-	-	25
FISH . . . . .	-	125	-	1,229	-	1,354
LOBSTER, SPINY . . . . .	91,800	-	-	8	-	91,800
SHRIMP . . . . .	-	-	-	-	-	8
GILL NETS:						
ANCHOR, SET OR STAKE . . . . .	5	-	-	211	44	260
SQUARE YARDS . . . . .	1,800	-	-	73,573	22,430	97,803
DRIFT . . . . .	22	-	-	-	-	22
SQUARE YARDS . . . . .	48,500	-	-	-	-	48,500
RUNAROUND . . . . .	1,044	6	4	-	-	1,054
SQUARE YARDS . . . . .	1,967,290	3,600	6,800	-	-	1,977,690
TRAWL NETS . . . . .	338	89	34	88	69	638
SQUARE YARDS . . . . .	470,499	86,300	16,900	41,974	46,011	661,684
LINES:						
HAND . . . . .	2,382	192	189	135	573	3,274
HOOKS . . . . .	7,249	1,727	2,681	319	4,474	14,190
TROLL . . . . .	1,017	-	-	-	-	1,017
HOOKS . . . . .	1,017	-	-	-	-	1,017
LONG OR SET WITH HOOKS . . . . .	36	3	-	1,546	124	1,709
HOOKS . . . . .	3,290	900	-	579,375	122,200	705,765
TROT WITH BAITS . . . . .	4	-	6	569	-	579
BAITS . . . . .	2,400	-	3,000	325,500	-	330,900

(CONTINUED ON NEXT PAGE)

## GULF FISHERIES

## SUMMARY OF OPERATING UNITS, 1967 - Continued

ITEM	FLORIDA, WEST COAST	ALABAMA	MISSISSIPPI	LOUISIANA	TEXAS	TOTAL, EX- CLUSIVE OF DUPLI- CATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
GEAR - CONTINUED;						
DIP NETS:						
COMMON . . . . .	4	-	-	25	-	29
DROP . . . . .	188	-	-	9,952	-	10,140
CAST NETS . . . . .	5	-	-	-	-	5
SPEARS . . . . .	57	44	-	-	82	183
DREDGES:						
CLAM . . . . .	1	-	-	-	-	1
YARDS AT MOUTH . . . . .	1	-	-	-	-	1
OYSTER, COMMON . . . . .	-	6	412	747	246	1,208
YARDS AT MOUTH . . . . .	-	9	514	872	246	1,414
SCALLOP, BAY . . . . .	14	-	-	-	-	14
YARDS AT MOUTH . . . . .	14	-	-	-	-	14
TONGS:						
OYSTER . . . . .	733	795	568	99	37	2,232
OTHER . . . . .	2	-	-	-	-	2
BRUSH TRAPS . . . . .	-	-	-	16,600	-	16,600
GRABS, FROG . . . . .	-	-	-	56	-	56
HOOKS:						
SPONGE . . . . .	56	-	-	-	-	56
OTHER . . . . .	5	-	-	-	-	5
DIVING OUTFITS, SPONGE . . . . .	9	-	-	-	-	9

## LANDINGS BY STATES, 1967

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	FLORIDA, WEST COAST		ALABAMA		MISSISSIPPI	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
FISH						
ALEWIVES . . . . .	163	5	-	-	-	-
AMBERJACK . . . . .	34	2	-	-	-	-
ANGELFISH . . . . .	9	(1)	-	-	-	-
BALLYHOO . . . . .	141	21	-	-	-	-
BARRACUDA . . . . .	1	(1)	-	-	-	-
BLUEFISH . . . . .	2,474	50	4	(1)	79	8
BLUE RUNNER . . . . .	513	84	1	(1)	18	1
BONITO . . . . .	4	(1)	-	-	-	-
BUFFALOFISH . . . . .	-	-	53	6	-	-
CABIO . . . . .	24	2	4	(1)	-	-
CATFISH AND BULLHEADS . . . . .	36	6	15	4	-	-
CIGARFISH . . . . .	563	66	-	-	-	-
CREVALLE . . . . .	763	26	-	-	48	2
CROAKER . . . . .	87	6	104	6	389	27
DOLPHIN . . . . .	154	15	-	-	-	-
DRUM:						
BLACK . . . . .	75	5	8	1	33	2
RED . . . . .	495	70	9	1	96	14
EEL, COMMON . . . . .	4	(1)	-	-	-	-
FLOUNDERS . . . . .	183	39	480	74	138	19
GROUPERS . . . . .	6,407	924	318	38	188	19
GRUNTS . . . . .	279	27	-	-	-	-
HERRING, THREAD . . . . .	7,747	65	-	-	-	-
HOGFISH . . . . .	15	2	-	-	-	-
JEWFISH . . . . .	67	5	76	7	-	-
KING WHITING OR "KINGFISH" . . . . .	318	18	613	31	403	28
MACKEREL:						
KING . . . . .	3,084	351	-	-	-	-
SPANISH . . . . .	5,867	611	25	2	76	7
MENHADEN . . . . .	127	4	-	-	166,527	2,145
MOJARRA . . . . .	156	12	-	-	-	-
MULLET:						
BLACK (LISA) . . . . .	23,283	1,757	3,170	157	1,705	87
SILVER . . . . .	1,088	72	-	-	-	-
PADDLEFISH . . . . .	-	-	7	1	-	-
PERMIT . . . . .	15	2	-	-	-	-
PIGFISH . . . . .	2	2	-	-	-	-
POMPANO . . . . .	723	458	2	1	7	4
SCUP OR PORGY . . . . .	53	6	-	-	-	-
SEA BASS . . . . .	(1)	(1)	-	-	-	-
SEA CATFISH . . . . .	163	10	37	2	145	7
SEA TROUT OR WEAFFISH:						
SPOTTED . . . . .	2,637	687	91	23	171	43
WHITE . . . . .	183	19	149	7	174	10
SHEEPSHEAD:						
FRESH-WATER . . . . .	-	-	-	1	-	-
SALT-WATER . . . . .	265	22	34	2	51	4

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

# GULF FISHERIES

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## LANDINGS BY STATES, 1967 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	FLORIDA, WEST COAST		ALABAMA		MISSISSIPPI	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
<b>FISH - CONTINUED</b>						
SNAPPERS:						
LANE . . . . .	18	3	-	-	-	-
MANGROVE . . . . .	373	83	-	-	-	-
MUTTON . . . . .	148	39	-	-	-	-
RED . . . . .	5,053	1,804	2,288	690	2,890	850
VERMILION . . . . .	52	14	-	-	-	-
YELLOWTAIL . . . . .	850	258	-	-	-	-
SPANISH SARDINES . . . . .	105	5	-	-	-	-
SPOT . . . . .	294	23	16	1	(1)	(1)
STURGEON, COMMON . . . . .	6	1	-	-	-	-
TENPOUNDER . . . . .	1,014	38	-	-	-	-
TILEFISH . . . . .	14	1	-	-	-	-
TRIGGERFISH . . . . .	17	1	-	-	-	-
TRIPLETAIL . . . . .	1	(1)	-	-	-	-
WARSAW . . . . .	130	12	-	-	-	-
UNCLASSIFIED:						
FOR FOOD . . . . .	1,237	98	-	-	-	-
BAIT, REDUCTION, AND ANIMAL FOOD . . . . .	682	22	-	-	74,494	1,442
TOTAL FISH . . . . .	66,224	7,853	7,511	1,055	247,632	4,719
<b>SHELLFISH, ETC.</b>						
CRABS:						
BLUE:						
HARD . . . . .	13,976	817	2,353	188	1,015	79
SOFT AND PEELER . . . . .	4	-	-	-	1	(1)
STONE . . . . .	847	410	-	-	-	-
TOTAL CRABS . . . . .	14,830	1,231	2,353	188	1,016	79
LOBSTER, SPINY . . . . .	2,737	1,675	-	-	-	-
SHRIMP, SALT-WATER . . . . .	23,449	10,476	14,456	6,049	9,625	3,122
CLAMS, HARD:						
PUBLIC . . . . .	4	1	-	-	-	-
SUNRAY VENUS . . . . .	350	35	-	-	-	-
CONCHS . . . . .	3	1	-	-	-	-
OYSTERS, MARKET:						
PUBLIC:						
SPRING . . . . .	2,640	819	1,396	657	3,227	858
FALL . . . . .	1,763	551	574	291	373	154
PRIVATE:						
SPRING . . . . .	112	37	90	47	186	54
FALL . . . . .	63	20	27	13	-	-
TOTAL OYSTERS . . . . .	4,578	1,427	2,097	1,008	3,786	1,066
SCALLOPS, BAY . . . . .	7	5	-	-	-	-
SQUID . . . . .	31	3	5	(1)	-	-
TURTLES, GREEN . . . . .	152	25	-	-	-	-
SPONGES:						
GRASS . . . . .	1	1	-	-	-	-
SHEEPSWOL . . . . .	36	375	-	-	-	-
YELLOW . . . . .	6	10	-	-	-	-
TOTAL SHELLFISH, ETC. . . . .	46,184	15,265	16,901	7,245	14,427	4,267
GRAND TOTAL . . . . .	114,408	23,118	26,412	8,300	262,059	8,986

SPECIES	LOUISIANA		TEXAS		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
<b>FISH</b>						
ALEWIVES . . . . .	-	-	-	-	163	5
AMBERJACK . . . . .	-	-	-	-	34	2
ANGELFISH . . . . .	-	-	-	-	9	(1)
BALLYHOO . . . . .	-	-	-	-	141	21
BARRACUDA . . . . .	-	-	-	-	1	(1)
BLUEFISH . . . . .	-	-	-	-	596	62
BLUE RUNNER . . . . .	-	-	-	-	2,493	81
BONITO . . . . .	-	-	-	-	4	(1)
BOWFIN . . . . .	19	1	-	-	19	1
BUFFALOFISH . . . . .	563	74	-	-	663	87
CABIO . . . . .	3	(1)	47	7	40	3
CARP . . . . .	25	2	-	-	25	2
CATFISH AND BULLHEADS . . . . .	3,730	1,040	5	2	3,786	1,052
CIGARFISH . . . . .	-	-	-	-	563	66
CREVALLE . . . . .	-	-	-	-	811	28
CROAKER . . . . .	56	5	134	9	770	53
DOLPHIN . . . . .	-	-	-	-	154	15

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

## GULF FISHERIES

## LANDINGS BY STATES, 1967 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	LOUISIANA		TEXAS		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
FISH - CONTINUED						
DRUM:						
BLACK	264	17	1,061	133	1,441	158
RED	654	109	768	193	2,022	367
EELS	-	-	-	-	4	(1)
FLOUNDERS	350	61	245	63	1,396	256
GARFISH	666	50	52	3	718	53
GROUPERS	3	(1)	76	9	6,992	990
GRUNTS	-	-	-	-	279	27
HERRINGS, THREAD	2,285	34	-	-	10,032	99
HOGFISH	-	-	-	-	15	2
JEWFISH	(1)	(1)	(1)	(1)	143	12
KING WHITING OR "KINGFISH"	687	50	159	9	2,180	136
MACKEREL:						
KING	-	-	-	-	3,094	351
SPANISH	8	1	(1)	(1)	5,976	621
MENHADEN	510,414	6,134	23,020	262	700,088	8,545
MDJARRA	-	-	-	-	156	12
MULLET:						
BLACK (LISA)	6	(1)	28	1	28,192	2,002
SILVER	-	(1)	-	-	1,068	72
PADDLEFISH	5	-	-	-	12	1
PERMIT	-	-	-	-	15	2
PIGFISH	-	-	-	-	30	2
POMPANO	8	5	5	2	745	470
SAWFISH	7	1	-	-	7	14
SCUP OR PORGY	-	-	-	-	53	6
SEA BASS	-	-	-	-	(1)	(1)
SEA CATFISH	61	5	106	10	512	34
SEA TROUT OR WEAKFISH:						
SPOTTED	621	131	1,521	371	5,041	1,255
WHITE	74	7	44	4	624	47
SHARKS, UNCLASSIFIED	7	1	-	-	7	1
SHEEPSHEAD:						
FRESH-WATER	136	17	-	-	143	18
SALT-WATER	170	10	199	18	719	56
SNAPPERS:						
LANE	-	-	-	-	18	3
MANGROVE	-	-	-	-	373	83
MUTTON	-	-	-	-	148	39
RED	302	78	1,409	462	11,942	3,884
VERMILION	-	-	-	-	52	14
YELLOWTAIL	-	-	-	-	850	258
SPANISH SARDINES	-	-	-	-	105	5
SPOT	9	1	-	-	319	25
STURGEON, COMMON	-	-	-	-	6	1
TENPOUNDER	-	-	-	-	1,014	38
TILEFISH	-	-	-	-	14	1
TRIGGERFISH	-	-	-	-	17	1
TRIPLETAIL	8	1	-	-	9	1
WARSAW	1	(1)	9	1	140	13
UNCLASSIFIED:						
FOR FOOD	-	-	187	11	1,424	109
BAIT, REDUCTION, AND ANIMAL FOOD	26,113	522	78	2	101,367	1,988
TOTAL FISH	547,255	8,357	29,162	1,573	899,784	23,557
SHELLFISH, ETC.						
CRABS:						
BLUE:						
HARD	7,559	520	2,625	222	27,528	1,826
SOFT AND PEELER	146	121	-	-	154	125
STONE	-	-	-	-	847	410
TOTAL CRABS	7,705	641	2,625	222	28,529	2,361
CRAWFISH, FRESH-WATER	1,619	282	-	-	1,619	282
LOBSTER, SPINY	-	-	-	-	2,737	1,675
SHRIMP:						
FRESH-WATER	8	2	-	-	8	2
SALT-WATER	75,317	24,573	102,876	46,355	225,723	90,575
CLAMS, HARD:						
PUBLIC	-	-	-	-	4	1
SUNRAY VENUS	-	-	-	-	350	35
CONCHS	-	-	-	-	3	1
OYSTERS, MARKET:						
PUBLIC:						
SPRING	718	267	2,057	904	10,038	3,505
FALL	190	116	1,254	527	4,154	1,639
PRIVATE:						
SPRING	5,292	2,089	37	17	5,717	2,244
FALL	1,543	942	205	123	1,838	1,098
TOTAL OYSTERS	7,743	3,414	3,353	1,571	21,747	8,486

SEE FOOTNOTE AT END OF TABLE.

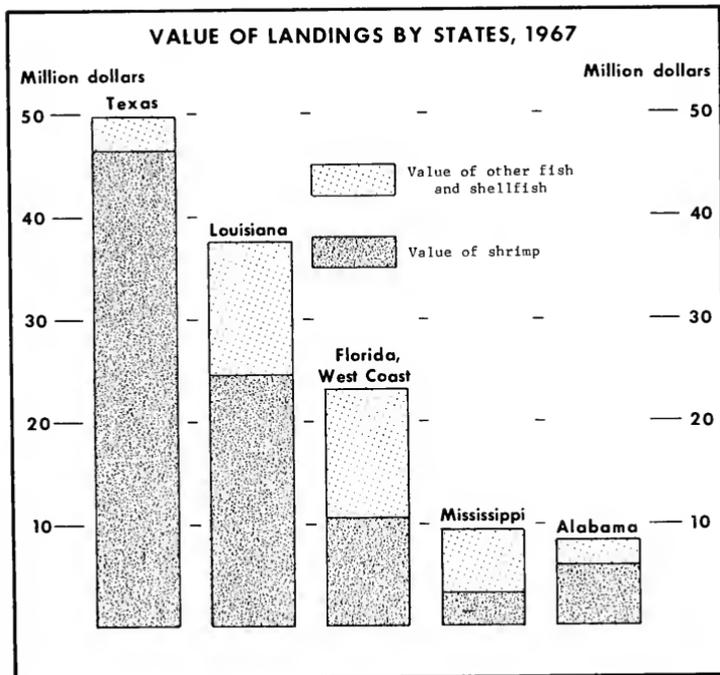
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## LANDINGS BY STATES, 1967 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	LOUISIANA		TEXAS		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
SHELLFISH, ETC. - CONTINUED	-	-	-	-	7	5
SCALLOPS, BAY . . . . .	-	(1)	-	-	48	4
SQUID . . . . .	(1)	(1)	11	1	(1)	(1)
TERRAPIN . . . . .	-	-	-	-	-	-
TURTLES:	-	-	-	-	154	25
GREEN . . . . .	2	(1)	-	-	7	2
SNAPPER . . . . .	7	2	-	-	18	9
FROGS . . . . .	18	9	-	-	-	-
SPONGES:	-	-	-	-	1	1
GRASS . . . . .	-	-	-	-	36	375
SHEEPSWOOL . . . . .	-	-	-	-	6	10
YELLOW . . . . .	-	-	-	-	-	-
TOTAL SHELLFISH, ETC.	92,420	28,923	109,065	48,149	280,997	103,849
GRAND TOTAL . . . . .	639,675	37,280	138,227	49,722	1,180,781	127,406

1/ LESS THAN 500 POUNDS OR \$500.



## GULF FISHERIES

## LANDINGS OF CERTAIN SHELLFISH, 1967

(U.S. STANDARD BUSHEL)

SPECIES	FLORIDA, WEST COAST		ALABAMA		MISSISSIPPI	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
CLAMS, HARD:						
PUBLIC . . . . .	447	\$1,143	-	-	-	-
SUNRAY VENUS . . . . .	34,333	35,017	-	-	-	-
CONCHS. . . . .	221	642	-	-	-	-
OYSTERS, MARKET:						
PUBLIC:						
SPRING . . . . .	645,530	819,316	353,316	\$656,770	831,675	\$858,169
FALL . . . . .	503,117	551,085	129,033	290,761	86,860	154,459
PRIVATE:						
SPRING . . . . .	27,673	37,037	22,860	46,653	47,809	53,540
FALL . . . . .	18,050	19,840	6,134	13,627	-	-
SCALLOPS, BAY . . . . .	1,535	5,068	-	-	-	-

SPECIES	LOUISIANA		TEXAS		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
CLAMS, HARD:						
PUBLIC . . . . .	-	-	-	-	447	\$1,143
SUNRAY VENUS . . . . .	-	-	-	-	34,333	35,017
CONCHS. . . . .	-	-	-	-	221	642
OYSTERS, MARKET:						
PUBLIC:						
SPRING . . . . .	142,166	\$266,630	441,500	\$903,282	2,414,187	3,504,167
FALL . . . . .	46,198	116,160	280,974	526,677	1,046,182	1,639,162
PRIVATE:						
SPRING . . . . .	1,047,921	2,088,754	8,786	17,550	1,155,049	2,243,534
FALL . . . . .	374,490	942,232	48,786	122,672	447,460	1,098,371
SCALLOPS, BAY . . . . .	-	-	-	-	1,535	5,068

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

## AVERAGE WEIGHTS OF CERTAIN SHELLFISH, 1967

(POUNDS OF MEAT PER U.S. STANDARD BUSHEL)

SPECIES	FLORIDA, WEST COAST	ALABAMA	MISSISSIPPI	LOUISIANA	TEXAS
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
CLAMS, HARD:					
PUBLIC . . . . .	8.50	-	-	-	-
SUNRAY VENUS . . . . .	10.20	-	-	-	-
CONCHS. . . . .	14.03	-	-	-	-
OYSTERS, MARKET:					
PUBLIC:					
SPRING . . . . .	4.09	3.95	3.88	5.05	4.66
FALL . . . . .	3.50	4.45	4.30	4.12	4.46
PRIVATE:					
SPRING . . . . .	4.05	3.95	3.88	5.05	4.20
FALL . . . . .	3.48	4.45	-	4.12	4.20
SCALLOPS, BAY . . . . .	4.30	-	-	-	-

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

# GULF FISHERIES

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## PROCESSED FISHERY PRODUCTS, 1967

ITEM	FLORIDA, WEST COAST		ALABAMA		MISSISSIPPI	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
FLOUNDERS, FROZEN, BREADED RAW:						
FILLET'S . . . . .	POUNDS (1)	(1)	(1)	(1)	-	-
SPECIALTIES (STUFFED) . . . . .	DO -	-	(1)	(1)	-	-
GROUPERS:						
FILLET'S:						
FRESH AND FROZEN . . . . .	DO 213,307	\$137,472	(1)	(1)	-	-
BREADED RAW, FROZEN . . . . .	DO (1)	(1)	-	-	-	-
STEAKS, FRESH AND FROZEN . . . . .	DO 134,496	58,571	(1)	(1)	(1)	(1)
HALIBUT STEAKS, FROZEN . . . . .	DO (1)	(1)	-	-	-	-
HERRING, THREAD:						
MEAL AND SCRAP . . . . .	TONS (1)	(1)	-	-	-	-
DIL. . . . .	1,000 POUNDS (1)	(1)	-	-	-	-
SOLUBLES . . . . .	TONS (1)	(1)	-	-	-	-
KING WHITING FILLET'S, FROZEN . . . . .	POUNDS (1)	(1)	-	-	-	-
MENHADEN:						
MEAL AND SCRAP . . . . .	TONS (1)	(1)	-	-	19,214	\$2,519,571
OIL . . . . .	1,000 POUNDS -	-	-	-	17,671	693,396
SOLUBLES . . . . .	TONS (1)	(1)	-	-	9,798	602,765
MULLET:						
FRESH AND FROZEN:						
ROE . . . . .	POUNDS 31,611	20,491	-	-	-	-
SPLIT FOR SMOKING . . . . .	DO (1)	(1)	-	-	-	-
SALTED:						
FISH . . . . .	DO 236,400	33,926	-	-	-	-
ROE . . . . .	DO 11,900	8,840	-	-	-	-
OCEAN PERCH, FILLET'S:						
FRESH . . . . .	DO (1)	(1)	-	-	-	-
BREADED RAW, FROZEN . . . . .	DO (1)	(1)	-	-	-	-
POMPANO FILLET'S, FROZEN . . . . .	DO (1)	(1)	-	-	-	-
SEA TROUT, FILLET'S:						
FROZEN . . . . .	DO (1)	(1)	-	-	-	-
BREADED RAW, FROZEN . . . . .	DO (1)	(1)	-	-	-	-
SNAPPER, RED, FILLET'S AND STEAKS, FRESH AND FROZEN . . . . .	DO 137,882	158,570	41,200	\$33,446	-	-
SPANISH MACKEREL FILLET'S, FROZEN . . . . .	DO 648,675	318,584	-	-	-	-
TRIGGERFISH FILLET'S, FROZEN . . . . .	DO (1)	(1)	-	-	-	-
CRABS:						
BLUE:						
FRESH AND FROZEN:						
COOKED MEAT . . . . .	DO 1,593,434	2,298,350	448,992	631,548	135,750	164,070
SPECIALTIES (CAKES, DEVILED, BURGERS, ROLLS, STUFFED, ETC.) . . . . .	DO (1)	(1)	(1)	(1)	53,000	41,880
CANNED, REGULAR . . . . .	STANDARD CASES -	-	-	-	(1)	(1)
BACK SHELLS, CLEANED . . . . .	-	(1)	-	(1)	-	-
MEAL AND SCRAP . . . . .	TONS (1)	(1)	-	-	-	-
STONE, CLAWS, COOKED, FROZEN . . . . .	POUNDS (1)	(1)	-	-	-	-
LOBSTERS, SPINY, FROZEN:						
WHOLE, COOKED . . . . .	DO (1)	(1)	-	-	-	-
TAILS, RAW . . . . .	DO (1)	(1)	-	-	-	-
SHRIMP:						
FRESH AND FROZEN:						
RAW, HEADLESS . . . . .	DO 2,214,156	2,270,938	7,540,630	6,560,938	3,361,000	3,501,000
PEELED (INCLUDING DEVEINED)						
RAW . . . . .	DO 10,690,692	15,893,574	(1)	(1)	(1)	(1)
COOKED . . . . .	DO (1)	(1)	-	-	-	-
BREADED RAW . . . . .	DO 19,585,959	17,738,379	-	-	-	-
SPECIALTIES (STUFFED, BURGERS, GUMBOS, ETC.) . . . . .	DO 866,400	890,454	(1)	(1)	-	-
CANNED, REGULAR . . . . .	STANDARD CASES -	-	(1)	(1)	458,618	4,854,015
FREEZE-DRIED SPECIALTIES, (MEAT AND SALAD MIX) . . . . .	POUNDS (1)	(1)	-	-	-	-
MEAL AND SCRAP . . . . .	TONS (1)	(1)	-	-	-	-
CLAMS, HARD, FRESH AND FROZEN:						
SHUCKED . . . . .	GALLONS (1)	(1)	-	-	-	-
BREADED RAW . . . . .	POUNDS (1)	(1)	-	-	-	-
CONCH CHOWDER, CANNED . . . . .	STANDARD CASES (1)	(1)	-	-	-	-
OYSTERS:						
SHUCKED, FRESH AND FROZEN . . . . .	GALLONS 428,540	2,680,951	313,828	2,489,943	89,130	748,780
BREADED RAW, FROZEN . . . . .	POUNDS 895,369	764,364	-	-	-	-
SPECIALTIES, FROZEN (STEWES AND DRESSING) . . . . .	DO (1)	(1)	-	-	-	-

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

## GULF FISHERIES

## PROCESSED FISHERY PRODUCTS, 1967 - Continued

ITEM	FLORIDA, WEST COAST		ALABAMA		MISSISSIPPI	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
OYSTERS - CONTINUED:						
CANNED, REGULAR . . . . .	STANDARD CASES	(1)	(1)	(1)	(1)	(1)
SHELL, GRIT AND LIME . . . . .	TONS	(1)	(1)	(1)	(1)	(1)
SCALLOPS:						
GAY, SHUCKED, FRESH . . . . .	GALLONS	777	\$7,383	-	-	-
SEA-BREADED RAW, FROZEN . . . . .	POUNDS	399,555	371,711	-	-	-
TURTLE, CANNED (CHOWDERS AND SOUPS) . . . . .	STANDARD CASES	(1)	(1)	-	-	-
UNCLASSIFIED:						
FRESH AND FROZEN PACKAGED, FILLETS, STEAKS, STICKS, PORTIONS AND OTHER FISH AND SHELLFISH . . . . .	POUNDS	9,218,582	10,102,665	2,478,470	\$3,674,503	110,000
CANNED:						
ANIMAL FOOD . . . . .	STANDARD CASES	(3)	(3)	(3)	(3)	2,223,896
OTHER . . . . .	DO	(3)	(3)	(3)	(3)	111,742
CURED . . . . .	POUNDS	(3)	(3)	(3)	(3)	-
INDUSTRIAL . . . . .	-	-	175,765	-	-	-
TOTAL . . . . .	-	-	53,930,988	-	13,390,378	-
						23,209,322

ITEM	LOUISIANA		TEXAS	
	QUANTITY	VALUE	QUANTITY	VALUE
CATFISH, FROZEN:				
DRESSED, SKINS OFF . . . . .	POUNDS	(1)	(1)	-
FILLETS . . . . .	DO	(1)	(1)	(1)
ODD, FREEZE-DRIED . . . . .	DO	-	-	-
FLONDERS, FROZEN, BREADED RAW, SPECIALTIES (STUFFED) . . . . .	DO	6,200	\$5,000	(1)
HERRING, THREAD:				
MEAL AND SCRAP . . . . .	TONS	(1)	(1)	-
OIL . . . . .	1,000 POUNDS	(1)	(1)	-
SOLUBLES . . . . .	TONS	(1)	(1)	-
MENHADEN:				
MEAL AND SCRAP . . . . .	DO	53,021	6,948,650	(2)
OIL . . . . .	1,000 POUNDS	43,941	2,102,482	(2)
SOLUBLES . . . . .	TONS	19,584	1,172,765	(2)
TUNA SPECIALTIES, FREEZE-DRIED (SALAD MIX) . . . . .	POUNDS	-	-	(1)
CRABS:				
BLUE:				
FRESH AND FROZEN:				
COOKED MEAT . . . . .	DO	395,204	548,401	237,256
SPECIALTIES (CAKES, DEVILED, BURGERS, ROLLS, STUFFED, ETC.) . . . . .	DO	293,955	174,749	(2)
CANNED, SPECIALTIES (BISQUE) . . . . .	STANDARD CASES	(1)	(1)	(1)
KING, FREEZE-DRIED MEAT . . . . .	POUNDS	-	-	(1)
CRAWFISH:				
MEAT, COOKED, FRESH . . . . .	DO	10,100	18,075	-
SPECIALTIES, FROZEN (BISQUE) . . . . .	DO	(1)	(1)	-
CANNED (BISQUE) . . . . .	STANDARD CASES	(1)	(1)	-
SHRIMP:				
FRESH AND FROZEN:				
RAW, HEADLESS . . . . .	POUNDS	31,925,591	27,626,727	46,819,309
PEELED (INCLUDING DEVEINED):				
RAW . . . . .	DO	930,843	709,070	12,473,808
COOKED . . . . .	DO	2,050,076	3,921,895	(1)
BREADED RAW . . . . .	DO	1,321,106	889,226	30,393,546
SPECIALTIES (STUFFED, BURGERS, GUMBOS, ETC.) . . . . .	DO	446,164	393,893	(1)
CANNED:				
REGULAR . . . . .	STANDARD CASES	1,484,107	14,978,904	(1)
SPECIALTIES (GUMBO, CREOLE, ETC.) . . . . .	DO	5,605	96,004	-
FREEZE-DRIED SPECIALTIES, (MEAT AND SALAD MIX) . . . . .	POUNDS	-	-	(1)
SUN-DRIED . . . . .	DO	352,117	582,254	-
MEAL AND SCRAP . . . . .	TONS	213	10,677	-
OYSTERS:				
SHUCKED, FRESH AND FROZEN . . . . .	GALLONS	391,843	3,157,494	230,031
BREADED RAW, FROZEN . . . . .	POUNDS	-	-	(1)
SPECIALTIES, FROZEN (STEMS AND DRESSING) . . . . .	DO	(1)	(1)	-
CANNED:				
REGULAR . . . . .	STANDARD CASES	(1)	(1)	-
SPECIALTIES (STEW) . . . . .	DO	(1)	(1)	-

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

# GULF FISHERIES

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## PROCESSED FISHERY PRODUCTS, 1967 - Continued

ITEM	LOUISIANA		TEXAS	
	QUANTITY	VALUE	QUANTITY	VALUE
OYSTERS - CONTINUED: SHELL, GRIT AND LIME . . . . . TONS TURTLE, CANNED (CHOWDERS AND SOUPS). . . . . STANDARD CASES UNCLASSIFIED: FRESH AND FROZEN PACKAGE, FILLETS, STEAKS, STICKS, PORTIONS AND OTHER FISH AND SHELLFISH. . . . . POUNDS CANNED: ANIMAL FOOD. . . . . STANDARD CASES OTHER. . . . . DO CURED. . . . . POUNDS INDUSTRIAL . . . . .	-	-	(1)	(1)
	67,512	\$91,529	3,662,058	\$6,205,463
	(1)	(1)	-	-
	417,557	4,796,705	(3)	(3)
	-	-	(3)	(3)
	-	-	-	-
TOTAL . . . . .	-	68,220,500	-	91,229,894

1/ INCLUDED WITH UNCLASSIFIED. 2/ THE PRODUCTION OF MENHAEN PRODUCTS AND CRAB SPECIALTIES PRODUCED IN TEXAS HAS BEEN INCLUDED WITH MISSISSIPPI. 3/ INCLUDED WITH UNCLASSIFIED FISH AND SHELLFISH. NOTE:--THIS TABLE WILL NOT ADD. INDIVIDUAL STATE TOTALS ARE CORRECT. SOME PRODUCTS MAY HAVE BEEN PROCESSED FROM RAW PRODUCTS IMPORTED FROM ANOTHER STATE OR A FOREIGN COUNTRY; THEREFORE, THEY CANNOT BE CORRELATED DIRECTLY WITH THE CATCH WITHIN THE STATE. CERTAIN ITEMS ARE SHOWN IN AN INTERMEDIATE AND ALSO A MORE ADVANCED STAGE OF PROCESSING.

## SUMMARY OF PROCESSED PRODUCTS, 1967

(THOUSANDS OF DOLLARS)

ITEM	VALUE
PACKAGED:	
FRESH . . . . .	14,920
FROZEN . . . . .	174,905
CANNED . . . . .	35,591
CURED . . . . .	7,175
INDUSTRIAL . . . . .	17,390
TOTAL . . . . .	249,981

## VALUE OF PROCESSED PRODUCTS, BY STATES, 1967

(THOUSANDS OF DOLLARS)

STATE	VALUE
FLORIDA, WEST COAST . . . . .	53,931
ALABAMA . . . . .	13,390
MISSISSIPPI . . . . .	23,209
LOUISIANA . . . . .	68,221
TEXAS . . . . .	91,230
TOTAL . . . . .	249,981

## WHOLESALE AND PROCESSING, 1967

ITEM	FLORIDA, WEST COAST	ALABAMA	MISSISSIPPI	LOUISIANA	TEXAS	TOTAL
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
WHOLESALE AND MANUFACTURING:						
ESTABLISHMENTS . . . . .	336	68	59	216	156	835
PERSONS ENGAGED:						
AVERAGE FOR SEASON . . . . .	3,779	1,643	1,729	5,433	5,809	18,393
AVERAGE FOR YEAR . . . . .	3,124	999	1,080	3,367	4,095	12,665

# GULF FISHERIES

## FLORIDA, WEST COAST

### OPERATING UNITS BY GEAR, 1967

ITEM	HAUL SEINES, COMMON	PURSE SEINES		OTTER TRAWLS, SHRIMP	POUND NETS, CRAB	POTS AND TRAPS	
		HERRING	OTHER			CRAB	
						BLUE	OTHER
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS . . . . .	107	29	8	2,161	-	2	19
ON BOATS AND SHORE:							
REGULAR . . . . .	334	-	10	110	2	294	89
CASUAL . . . . .	5	-	-	35	-	34	19
TOTAL . . . . .	446	29	18	2,306	2	330	127
VESSELS, MOTOR . . . . .	17	3	2	891	-	1	11
GROSS TONNAGE . . . . .	239	622	58	46,370	-	9	132
BOATS:							
MOTOR . . . . .	130	3	5	95	1	291	84
OTHER . . . . .	26	-	-	-	-	-	-
GEAR:							
NUMBER . . . . .	105	3	7	1,787	30	43,900	39,328
LENGTH, YARDS . . . . .	65,650	2,600	1,900	-	-	-	-
YARDS AT MOUTH . . . . .	-	-	-	28,177	-	-	-

ITEM	POTS AND TRAPS - CONTINUED		GILL NETS			TRAWMEL NETS	LINES	
	EEL	LOBSTER, SPINY	ANCHOR, SET OR STAKE	DRIFT	RUNA- ROUND			HAND
FISHERMEN:								
ON VESSELS . . . . .	-	143	-	10	273	63	1,084	
ON BOATS AND SHORE:								
REGULAR . . . . .	1	330	4	23	1,069	415	358	
CASUAL . . . . .	-	24	2	10	120	51	938	
TOTAL . . . . .	1	497	6	43	1,462	529	2,380	
VESSELS, MOTOR . . . . .	-	75	-	6	74	18	267	
GROSS TONNAGE . . . . .	-	1,189	-	49	1,067	198	6,580	
BOATS, MOTOR . . . . .	1	224	5	16	970	320	946	
GEAR:								
NUMBER . . . . .	25	91,800	5	22	1,044	338	2,382	
SQUARE YARDS . . . . .	-	-	1,800	48,500	1,967,290	470,499	-	
HOOKS OR BAITS . . . . .	-	-	-	-	-	-	7,249	

ITEM	LINES - CONTINUED			DIP NETS		CAST NETS	SPEARS
	TROLL	LONG OR SET WITH HOOKS	TROT WITH BAITS	COMMON	DRCP		
FISHERMEN:							
ON VESSELS . . . . .	79	-	-	-	-	-	-
ON BOATS AND SHORE:							
REGULAR . . . . .	178	10	5	4	1	2	35
CASUAL . . . . .	358	8	-	-	12	3	22
TOTAL . . . . .	615	18	5	4	13	5	57
VESSELS, MOTOR . . . . .	39	-	-	-	-	-	-
GROSS TONNAGE . . . . .	613	-	4	-	-	-	-
BOATS, MOTOR . . . . .	367	15	4	4	13	5	56
GEAR:							
NUMBER . . . . .	1,017	36	4	4	188	5	57
HOOKS OR BAITS . . . . .	1,017	3,290	2,400	-	-	-	-

ITEM	DREDGES		TONGS		HOOKS		DIVING OUTFITS, SPONGE
	CLAM	SCALLOP, BAY	OYSTER	OTHER	SPONGE	OTHER	
FISHERMEN:							
ON VESSELS . . . . .	3	-	2	-	18	-	58
ON BOATS AND SHORE:							
REGULAR . . . . .	-	6	694	2	15	-	-
CASUAL . . . . .	-	1	37	-	35	5	-
TOTAL . . . . .	3	7	733	2	68	5	58
VESSELS, MOTOR . . . . .	1	-	1	-	3	-	9
GROSS TONNAGE . . . . .	25	-	10	-	23	-	140
BOATS, MOTOR . . . . .	-	7	576	2	50	5	-
GEAR:							
NUMBER . . . . .	1	14	733	2	56	5	9
YARDS AT MOUTH . . . . .	1	14	-	-	-	-	-

(CONTINUED ON NEXT PAGE)

# GULF FISHERIES

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## FLORIDA, WEST COAST - OPERATING UNITS BY GEAR, 1967 - Continued

ITEM	BY HAND		TOTAL, EX- CLUSIVE OF DUPLICATION
	OYSTER	OTHER	
	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>
FISHERMEN:			
ON VESSELS . . . . .	-	-	3,712
ON BOATS AND SHORE:			
REGULAR . . . . .	37	1	2,778
CASUAL . . . . .	3	3	1,298
TOTAL . . . . .	40	4	7,788
VESSELS, MOTOR . . . . .	-	-	1,277
GROSS TONNAGE . . . . .	-	-	55,051
BOATS:			
MOTOR . . . . .	40	4	3,143
OTHER . . . . .	-	-	26

## FLORIDA, WEST COAST - LANDINGS OF CATCH BY GEAR, 1967

SPECIES	HAUL SEINES, COMMON		PURSE SEINES			
	POUNDS	VALUE	HERRING		OTHER	
			POUNDS	VALUE	POUNDS	VALUE
ALEWIVES . . . . .	52,100	\$1,658	-	-	-	-
ANGELFISH . . . . .	6,000	234	-	-	-	-
BALLYHOO . . . . .	400	96	-	-	140,800	\$20,431
BLUEFISH . . . . .	266,400	26,890	-	-	-	-
BLUE RUNNER . . . . .	2,173,300	70,067	-	-	-	-
BONITO . . . . .	2,700	134	-	-	-	-
CABIO . . . . .	100	8	-	-	-	-
CIGARFISH . . . . .	563,400	66,067	-	-	-	-
CREVALLE . . . . .	378,100	14,364	-	-	90,000	2,412
CROAKER . . . . .	6,000	458	-	-	-	-
DRUM:						
BLACK . . . . .	16,900	1,080	-	-	-	-
RED . . . . .	111,600	15,162	-	-	-	-
FLOUNDERS . . . . .	20,500	3,777	-	-	-	-
GRUNTS . . . . .	6,100	592	-	-	-	-
HERRING, THREAD . . . . .	2,200	66	7,744,400	\$64,770	-	-
KING WHITING OR "KINGFISH" . . . . .	39,900	2,597	-	-	-	-
MACKEREL:						
KING . . . . .	41,800	5,896	-	-	282,300	30,879
SPANISH . . . . .	648,600	62,049	-	-	194,600	20,538
MENHADEN . . . . .	29,700	1,077	5,000	124	-	-
MOJARRA . . . . .	75,400	5,942	-	-	-	-
MULLET:						
BLACK [LISA] . . . . .	5,619,900	424,480	-	-	12,000	914
SILVER . . . . .	84,800	6,178	-	-	-	-
PERMIT . . . . .	1,000	143	-	-	-	-
PIGFISH . . . . .	2,000	118	-	-	-	-
POMPANO . . . . .	27,900	16,444	-	-	-	-
SEA CATFISH . . . . .	54,400	3,491	-	-	-	-
SEA TROUT OR WEAKFISH:						
SPOTTED . . . . .	283,700	73,459	-	-	-	-
WHITE . . . . .	26,400	2,840	-	-	-	-
SHEEPSHEAD, SALT-WATER . . . . .	77,800	6,589	-	-	-	-
SNAPPER, MANGROVE . . . . .	4,700	763	-	-	-	-
SPANISH SARDINES . . . . .	105,400	5,059	-	-	-	-
SPOT . . . . .	74,200	6,131	-	-	-	-
STURGEON, COMMON . . . . .	200	22	-	-	-	-
TENPOUNDER . . . . .	895,200	34,394	-	-	-	-
TRIPLETAIL . . . . .	100	6	-	-	-	-
UNCLASSIFIED:						
FOR FOOD . . . . .	231,200	20,198	-	-	-	-
BAIT, REDUCTION AND ANI- MAL FOOD . . . . .	339,200	11,627	-	-	-	-
CRABS, BLUE, HARD . . . . .	2,000	121	-	-	-	-
TOTAL . . . . .	12,271,300	890,327	7,749,400	64,894	719,700	75,174

(CONTINUED ON NEXT PAGE)

## GULF FISHERIES

FLORIDA, WEST COAST - LANDINGS OF CATCH  
BY GEAR, 1967 - Continued

SPECIES	OTTER TRAWLS, SHRIMP		POUND NETS, CRAB		POTS AND TRAPS	
					CRAB	
					POUNDS	VALUE
CABIO . . . . .	1,400	\$82	-	-	-	-
CROAKER . . . . .	16,700	1,212	-	-	-	-
FLOUNDERS . . . . .	69,300	13,627	-	-	-	-
GROUPEFS . . . . .	29,000	4,174	-	-	-	-
JEW FISH . . . . .	200	16	-	-	-	-
KING WHITING OR "KINGFISH". . . . .	201,500	10,293	-	-	-	-
SEA BASS . . . . .	100	10	-	-	-	-
SEA CATFISH . . . . .	28,900	1,792	-	-	-	-
SEA TROUT OR WEAFFISH, WHITE . . . . .	1,900	110	-	-	-	-
SHEEPSHEAD, SALT-WATER . . . . .	3,300	220	-	-	-	-
SNAPPER, RED . . . . .	6,000	2,353	-	-	-	-
SPOT . . . . .	19,300	1,001	-	-	-	-
STURGEON, COMMON . . . . .	500	99	-	-	-	-
TRIPLETAIL . . . . .	600	31	-	-	-	-
UNCLASSIFIED, FOR FOOD . . . . .	3,400	205	-	-	-	-
CRABS:						
BLUE:						
HARD . . . . .	164,100	8,519	-	-	13,688,300	\$801,766
SOFT AND PEELER . . . . .	2,500	1,697	4,300	\$2,712	-	-
STONE . . . . .	-	-	-	-	1,100	377
LOBSTER, SPINY . . . . .	57,800	37,183	-	-	-	-
SHRIMP, SALT-WATER . . . . .	23,449,300	10,475,793	-	-	-	-
SQUID . . . . .	30,700	3,224	-	-	-	-
TURTLES, GREEN . . . . .	2,000	328	-	-	-	-
TOTAL . . . . .	24,098,500	10,561,979	4,300	2,712	13,689,400	802,143

## POTS AND TRAPS - CONTINUED

SPECIES	CRAB - CONTINUED		EEL		LOBSTER, SPINY	
	OTHER					
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
EEL, COMMON . . . . .	-	-	4,000	\$277	-	-
GROUPEFS . . . . .	-	-	-	-	13,000	\$1,866
CRABS:						
BLUE, HARD . . . . .	1,900	\$140	-	-	-	-
STONE . . . . .	800,500	387,979	-	-	45,000	21,789
LOBSTER, SPINY . . . . .	-	-	-	-	2,655,700	1,629,257
TOTAL . . . . .	802,500	388,119	4,000	277	2,713,700	1,652,912

## GILL NETS

SPECIES	ANCHOR, SET OR STAKE		DRIFT		RUNAROUND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
	ALEWIVES . . . . .	-	-	-	-	101,700	$3,079
ANGELFISH . . . . .	-	-	-	-	1,300	40
BLUEFISH . . . . .	-	-	-	-	196,000	21,422
BLUE RUNNER . . . . .	-	-	-	-	237,600	7,707
CABIO . . . . .	-	-	-	-	5,000	292
CATFISH AND BULLHEADS . . . . .	-	-	-	-	100	27
CREVALLE . . . . .	-	-	-	-	213,000	6,215
CROAKER . . . . .	-	-	-	-	25,500	1,783
DRUM:						
BLACK . . . . .	-	-	-	-	26,500	1,514
RED . . . . .	-	-	-	-	267,000	37,661
FLOUNDERS . . . . .	-	-	-	-	32,200	6,735
GRUNTS . . . . .	-	-	-	-	6,400	635
KING WHITING OR "KINGFISH". . . . .	-	-	-	-	49,000	2,982
MACKEREL:						
KING . . . . .	-	-	45,000	\$5,346	2,398,900	271,897
SPANISH . . . . .	-	-	70,000	7,526	4,604,500	485,130
MENHADEN . . . . .	-	-	-	-	85,100	2,967
MOJARRA . . . . .	-	-	-	-	69,400	5,335
MULLET:						
BLACK (LISA) . . . . .	-	-	-	-	15,541,500	1,169,255
SILVER . . . . .	-	-	-	-	967,500	63,118
PERMIT . . . . .	-	-	-	-	8,600	938
PIGFISH . . . . .	-	-	-	-	14,200	869
POMPANO . . . . .	-	-	32,500	22,421	73,100	46,369
SEA CATFISH . . . . .	-	-	-	-	44,800	2,711
SEA TROUT OR WEAFFISH:						
SPOTTED . . . . .	-	-	-	-	1,557,900	405,741
WHITE . . . . .	-	-	-	-	101,000	10,589

(CONTINUED ON NEXT PAGE)

# GULF FISHERIES

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## FLORIDA, WEST COAST - LANDINGS OF CATCH BY GEAR, 1967 - Continued

SPECIES	GILL NETS					
	ANCHOR, SET OR STAKE		DRIFT		RUNAROUND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
SHEEPSHEAD, SALT-WATER. . . . .	-	-	-	-	87,700	\$7,454
SNAPPER, MANGROVE . . . . .	-	-	-	-	43,100	6,468
SPOT. . . . .	-	-	-	-	154,500	12,463
STURGEON, COMMON. . . . .	400	\$74	4,900	\$968	-	-
TENPOUNDER. . . . .	-	-	-	-	90,500	3,059
UNCLASSIFIED: FOR FOOD. . . . .	-	-	3,000	169	719,100	57,855
BAIT, REDUCTION AND ANI- MAL FOOD. . . . .	-	-	-	-	276,900	8,837
TURTLES, GREEN. . . . .	-	-	-	-	5,500	1,392
TOTAL . . . . .	144,200	23,681	155,400	36,430	28,005,100	2,652,659
SPECIES	TRAMMEL NETS		LINES			
			HAND		TROLL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES. . . . .	9,700	\$295	-	-	-	-
AMBERJACK . . . . .	-	-	33,600	\$1,712	-	-
ANGELFISH . . . . .	-	-	1,600	64	-	-
BARRACUDA . . . . .	-	-	600	35	-	-
BLUEFISH. . . . .	34,300	3,763	14,000	1,455	2,200	\$256
BLUE RUNNER . . . . .	38,500	1,254	24,100	921	-	-
BONITO. . . . .	-	-	600	31	1,000	49
CABIO . . . . .	-	-	10,700	642	6,500	539
CREVALLE. . . . .	28,900	974	46,000	1,454	7,100	194
CROAKER . . . . .	38,100	2,702	1,100	68	-	-
DOLPHIN . . . . .	-	-	-	-	153,500	14,751
ORUM:						
ELACK . . . . .	12,000	684	19,500	1,360	-	-
REO . . . . .	52,000	7,651	63,600	9,007	1,300	163
FLOUNDERS . . . . .	16,600	3,745	3,800	614	-	-
GROUPERS. . . . .	-	-	6,364,600	918,173	-	-
GRUNTS. . . . .	400	40	266,100	25,971	200	20
HOGFISH . . . . .	-	-	14,900	2,477	-	-
JEWFISH . . . . .	-	-	67,200	4,964	-	-
KING WHITING OR "KINGFISH". . . . .	18,500	1,069	9,300	655	-	-
MACKEREL:						
KING. . . . .	13,000	1,449	55,900	6,184	247,100	29,787
SPANISH . . . . .	116,700	11,840	103,700	10,511	129,300	13,183
MENHADEN. . . . .	7,400	258	-	-	-	-
MOJARRA . . . . .	300	25	10,800	973	-	-
MULLET:						
BLACK (LISA). . . . .	2,107,900	162,287	-	-	-	-
SILVER. . . . .	36,200	2,471	-	-	-	-
PERMIT. . . . .	-	-	5,000	572	-	-
PIGFISH . . . . .	10,100	573	4,000	205	-	-
POMPANO . . . . .	586,200	371,092	3,300	1,970	-	-
SCUP OR PORGY . . . . .	-	-	52,900	5,522	-	-
SEA CATFISH . . . . .	15,300	927	4,000	263	-	-
SEA TROUT OR WEAKFISH:						
SPOTTED . . . . .	458,300	120,848	297,800	77,372	39,000	9,922
WHITE . . . . .	33,300	3,403	16,700	1,719	3,800	395
SHEEPSHEAD, SALT-WATER. . . . .	22,100	1,752	74,000	6,148	-	-
SNAPPERS:						
LANE. . . . .	-	-	17,600	2,566	-	-
MANGROVE. . . . .	6,300	979	319,300	74,515	-	-
MUTTON. . . . .	-	-	147,700	38,960	-	-
REO . . . . .	-	-	5,047,300	1,801,178	-	-
VERMILION . . . . .	-	-	51,700	13,681	-	-
YELLOWTAIL. . . . .	-	-	849,900	258,422	-	-
SPOT . . . . .	34,400	2,210	11,500	1,043	-	-
TENPOUNDER. . . . .	24,100	663	4,300	140	400	10
TILEFISH. . . . .	-	-	14,000	1,311	-	-
TRIGGERFISH . . . . .	-	-	17,400	1,014	-	-
TRIFLETAIL. . . . .	-	-	400	21	-	-
WARSAW. . . . .	-	-	130,500	11,850	-	-
UNCLASSIFIED: FOR FOOD. . . . .	81,500	7,086	198,900	12,895	-	-
BAIT, REDUCTION AND ANI- MAL FOOD. . . . .	61,400	1,899	4,100	128	-	-
TOTAL . . . . .	3,863,500	711,939	14,364,000	3,298,766	591,400	69,271

(CONTINUED ON NEXT PAGE)

## GULF FISHERIES

**FLORIDA, WEST COAST - LANDINGS OF CATCH  
BY GEAR, 1967 - Continued**

SPECIES	LINES - CONTINUED				DIP NETS	
	LONG OR SET WITH HOOKS		TROT WITH BAITS		COMMON	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CATFISH AND BULLHEADS . . . . .	36,100	\$5,673	-	-	-	-
SEA CATFISH . . . . .	15,900	973	-	-	-	-
CRABS, BLUE, HARD . . . . .	-	-	119,500	\$5,047	-	-
LOBSTER, SPINY . . . . .	-	-	-	-	6,000	\$3,682
TOTAL . . . . .	52,000	6,846	119,500	6,047	6,000	3,682
SPECIES	DIP NETS - CONTINUED		CAST NETS		SPEARS	
	DROP					
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FLOUNDERS . . . . .	-	-	-	-	40,400	\$10,225
MULLET, BLACK (LISA) . . . . .	-	-	1,700	\$134	-	-
LOBSTER, SPINY . . . . .	7,500	\$4,602	-	-	-	-
TOTAL . . . . .	7,500	4,602	1,700	134	40,400	10,225
SPECIES	OREGEGS				TONGS	
	CLAM		SCALLOP, BAY		OYSTER	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CLAMS, HARD, SUNRAY VENUS . . . . .	350,200	\$35,017	-	-	-	-
OYSTERS, MARKET:						
PUBLIC:						
SPRING . . . . .	-	-	-	-	2,619,900	\$810,871
FALL . . . . .	-	-	-	-	1,733,300	538,382
PRIVATE:						
SPRING . . . . .	-	-	-	-	112,200	37,037
FALL . . . . .	-	-	-	-	62,800	19,840
SCALLOPS, BAY . . . . .	-	-	6,200	\$4,664	-	-
TOTAL . . . . .	350,200	35,017	6,200	4,564	4,528,200	1,406,130
SPECIES	TONGS - CONTINUED		HOOKS			
	OTHER		SPONGE		OTHER	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CLAMS, HARD, PUBLIC . . . . .	3,500	\$1,062	-	-	-	-
CONCHES . . . . .	-	-	-	-	3,100	\$642
SPONGES:						
GRASS . . . . .	-	-	500	\$768	-	-
SHEEPSWOOL . . . . .	-	-	10,200	71,725	-	-
YELLOW . . . . .	-	-	6,100	9,546	-	-
TOTAL . . . . .	3,500	1,062	16,900	82,039	3,100	642
SPECIES	DIVING OUTFITS, SPONGE		BY HAND			
			OYSTER		OTHER	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CLAMS, HARD, PUBLIC . . . . .	-	-	-	-	300	\$81
OYSTERS, MARKET, PUBLIC:						
SPRING . . . . .	-	-	20,100	\$8,445	-	-
FALL . . . . .	-	-	30,100	12,703	-	-
SCALLOPS, BAY . . . . .	-	-	-	-	400	404
SPONGES:						
GRASS . . . . .	100	\$499	-	-	-	-
SHEEPSWOOL . . . . .	25,300	302,847	-	-	-	-
YELLOW . . . . .	100	534	-	-	-	-
TOTAL . . . . .	25,500	303,880	50,200	21,148	700	485

# GULF FISHERIES ALABAMA

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## OPERATING UNITS BY GEAR, 1967

ITEM	HAUL SEINES, COMMON	OTTER TRAWLS, SHRIMP	FYKE AND HOOP NETS, FISH	POTS AND TRAPS	
				CRAB, BLUE	FISH
				NUMBER	NUMBER
FISHERMEN:					
ON VESSELS . . . . .	-	961	-	-	-
ON BOATS AND SHORE:					
REGULAR . . . . .	4	279	4	85	3
CASUAL . . . . .	-	51	-	-	2
TOTAL . . . . .	4	1,291	6	85	5
VESSELS, MOTOR . . . . .	-	397	-	-	-
GROSS TONNAGE . . . . .	-	17,413	-	-	-
BOATS:					
MOTOR . . . . .	1	174	6	79	5
OTHER . . . . .	1	-	-	-	-
GEAR:					
NUMBER . . . . .	1	834	180	12,520	125
LENGTH, YARDS . . . . .	300	-	-	-	-
YARDS AT MOUTH . . . . .	-	13,714	-	-	-

ITEM	GILL NETS, RUNAROUND	TRAMMEL NETS	LINES	
			HAND	LONG OR SET WITH HOOKS
			NUMBER	NUMBER
FISHERMEN:				
ON VESSELS . . . . .	-	-	181	-
ON BOATS AND SHORE:				
REGULAR . . . . .	4	89	5	3
CASUAL . . . . .	2	-	25	-
TOTAL . . . . .	6	89	211	3
VESSELS, MOTOR . . . . .	-	-	19	-
GROSS TONNAGE . . . . .	-	-	1,095	-
BOATS:				
MOTOR . . . . .	4	56	30	3
OTHER . . . . .	2	41	-	-
GEAR:				
NUMBER . . . . .	6	89	192	3
SQUARE YARDS . . . . .	3,600	86,300	-	-
HOOKS OR BAITS . . . . .	-	-	1,727	900

ITEM	SPEARS	DREDGES, OYSTER, COMMON	TONGS, OYSTER	TOTAL, EXCLUSIVE OF DUPLICATION
				NUMBER
				NUMBER
FISHERMEN:				
ON VESSELS . . . . .	-	13	-	1,154
ON BOATS AND SHORE:				
REGULAR . . . . .	21	-	581	700
CASUAL . . . . .	23	-	214	276
TOTAL . . . . .	44	13	795	2,130
VESSELS, MOTOR . . . . .	-	3	-	418
GROSS TONNAGE . . . . .	-	59	-	18,552
BOATS:				
MOTOR . . . . .	44	-	411	566
OTHER . . . . .	-	-	57	99
GEAR:				
NUMBER . . . . .	44	6	795	-
YARDS AT MOUTH . . . . .	-	9	-	-

## GULF FISHERIES

## ALABAMA - LANDINGS OF CATCH BY GEAR, 1967

SPECIES	HAUL SEINES, COMMON		OTTER TRAWLS, SHRIMP		FYKE AND HOOP NETS, FISH		POTS AND TRAPS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUEFISH . . . . .	500	\$62	600	\$48	-	-	-	-
BLUE RUNNER . . . . .	800	46	-	-	-	-	-	-
BUFFALOFISH . . . . .	-	-	-	-	53,300	\$5,645	-	-
CABIO . . . . .	-	-	4,000	235	-	-	-	-
CROAKER . . . . .	-	-	83,200	4,344	-	-	-	-
DRUM:	-	-	-	-	-	-	-	-
BLACK . . . . .	-	-	1,700	127	-	-	-	-
RED . . . . .	-	-	2,300	332	-	-	-	-
FLOWNDERS . . . . .	-	-	463,200	68,657	-	-	-	-
GROUPERS . . . . .	-	-	10,600	1,180	-	-	-	-
JEWFI SH . . . . .	-	-	8,800	707	-	-	-	-
KING WHITING OR "KING- FISH" . . . . .	-	-	584,300	29,243	-	-	-	-
MACKEREL, SPANISH . . . . .	3,600	257	11,200	844	-	-	-	-
MULLET, BLACK (LISA) . . . . .	3,800	190	500	22	-	-	-	-
PADDFLEFISH . . . . .	-	-	-	-	6,600	993	-	-
POMPANO . . . . .	-	-	1,400	636	-	-	-	-
SEA CATFISH . . . . .	400	154	33,600	1,967	-	-	-	-
SEA TROUT OR WEAKFISH:	-	-	-	-	-	-	-	-
SPOTTED . . . . .	100	16	200	73	-	-	-	-
WHITE . . . . .	-	-	139,800	6,989	-	-	-	-
SHEEPSHEAD:	-	-	-	-	6,800	1,016	-	-
FRESH-WATER . . . . .	-	-	-	-	-	-	-	-
SALT-WATER . . . . .	500	43	25,500	1,768	-	-	-	-
SNAPPER, RED . . . . .	-	-	161,000	30,477	-	-	-	-
SPOT . . . . .	-	-	5,800	250	-	-	-	-
CRABS, BLUE, HARD . . . . .	-	-	10,300	740	-	-	2,343,100	\$187,576
SHRIMP . . . . .	-	-	14,455,500	6,048,511	-	-	-	-
SQUID . . . . .	-	-	4,800	390	-	-	-	-
TOTAL . . . . .	9,700	768	16,008,300	6,197,540	66,700	7,654	2,343,100	187,576

SPECIES	POTS AND TRAPS CONTINUED		GILL NETS, RUNAROUND		TRAMMEL NETS		LINES	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUEFISH . . . . .	-	-	1,200	\$133	1,400	\$119	-	-
CATFISH AND BULLHEADS . . . . .	13,200	\$3,727	-	-	-	-	-	-
CROAKER . . . . .	-	-	400	22	20,800	1,093	-	-
DRUM:	-	-	-	-	-	-	-	-
BLACK . . . . .	-	-	-	-	5,900	399	-	-
RED . . . . .	-	-	-	-	6,100	926	800	\$106
FLOWNDERS . . . . .	-	-	-	-	200	59	-	-
GROUPERS . . . . .	-	-	-	-	-	-	307,600	37,080
JEWFI SH . . . . .	-	-	-	-	-	-	67,700	6,595
KING WHITING OR "KING- FISH" . . . . .	-	-	-	-	28,800	1,285	-	-
MACKEREL, SPANISH . . . . .	-	-	7,100	650	3,200	213	100	9
MULLET, BLACK (LISA) . . . . .	-	-	8,100	437	3,157,200	156,050	-	-
POMPANO . . . . .	-	-	-	-	200	118	-	-
SEA CATFISH . . . . .	-	-	800	53	2,500	153	-	-
SEA TROUT OR WEAKFISH:	-	-	-	-	-	-	-	-
SPOTTED . . . . .	-	-	1,000	240	68,200	21,671	4,400	1,190
WHITE . . . . .	-	-	-	-	9,500	485	-	-
SHEEPSHEAD - SALT-WATER	-	-	100	6	8,300	628	-	-
SNAPPER, RED . . . . .	-	-	-	-	-	-	2,127,400	659,167
SPOT . . . . .	-	-	200	11	10,200	516	-	-
TOTAL . . . . .	13,200	3,727	18,900	1,752	3,339,500	183,725	2,508,000	704,147

SPECIES	LINES - CONTINUED		SPEARS		DREDGES, OYSTER, COMMON		TONGS, OYSTER	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CATFISH AND BULLHEADS . . . . .	1,500	\$464	-	-	-	-	-	-
FLOWNDERS . . . . .	-	-	16,100	\$4,833	-	-	-	-
OYSTERS, MARKET:	-	-	-	-	-	-	-	-
PUBLIC:	-	-	-	-	-	-	-	-
SPRING . . . . .	-	-	-	-	5,800	\$2,902	1,389,800	\$653,868
FALL . . . . .	-	-	-	-	-	-	574,200	290,761
PRIVATE:	-	-	-	-	-	-	-	-
SPRING . . . . .	-	-	-	-	74,200	38,022	16,100	8,631
FALL . . . . .	-	-	-	-	13,900	6,624	13,400	7,003
TOTAL . . . . .	1,500	464	16,100	4,833	93,900	47,548	1,993,500	960,283

# GULF FISHERIES

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## MISSISSIPPI

### OPERATING UNITS BY GEAR, 1967

ITEM	HAUL SEINES, COMMON	PURSE SEINES, MENHADEN	OTTER TRAWLS	
			FISH	SHRIMP
	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>
FISHERMEN:				
ON VESSELS . . . . .	5	385	139	872
ON BOATS AND SHORE:				
REGULAR . . . . .	5	-	-	168
CASUAL . . . . .	-	-	-	535
TOTAL . . . . .	10	385	139	1,575
VESSLS, MOTOR . . . . .	1	21	-	-
GROSS TONNAGE . . . . .	35	6,046	54	351
BOATS:			2,977	14,491
MOTOR . . . . .	3	42	-	594
OTHER . . . . .	2	3	-	-
GEAR:				
NUMBER . . . . .	2	21	78	1,142
LENGTH, YARDS . . . . .	1,100	10,810	-	-
YARDS AT MOUTH . . . . .	-	-	1,454	14,352
ITEM	POTS AND TRAPS, CRAB	GILL NETS, RUNAROUND	TRAMMEL NETS	LINES
				HAND
	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>
FISHERMEN:				
ON VESSELS . . . . .	-	-	28	202
ON BOATS AND SHORE:				
REGULAR . . . . .	29	10	16	-
CASUAL . . . . .	5	-	14	6
TOTAL . . . . .	34	10	58	208
VESSLS, MOTOR . . . . .	-	-	8	20
GROSS TONNAGE . . . . .	-	-	133	1,335
BOATS:				
MOTOR . . . . .	27	6	39	6
OTHER . . . . .	-	-	9	-
GEAR:				
NUMBER . . . . .	3,400	4	34	189
SQUARE YARDS . . . . .	-	6,600	16,900	-
HOOKS OR BAITS . . . . .	-	-	-	2,681
ITEM	LINES - CONTINUED	DREDGES, OYSTER, COMMON	TONGS, OYSTER	TOTAL, EXCLU- SIVE OF DUPLICATION
	TROT WITH BAITS			
	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>
FISHERMEN:				
ON VESSELS . . . . .	-	605	-	2,002
ON BOATS AND SHORE:				
REGULAR . . . . .	6	30	358	470
CASUAL . . . . .	-	-	210	668
TOTAL . . . . .	6	635	568	3,140
VESSLS, MOTOR . . . . .	-	191	-	545
GROSS TONNAGE . . . . .	-	4,557	-	26,760
BOATS:				
MOTOR . . . . .	6	15	548	1,197
OTHER . . . . .	-	-	20	34
GEAR:				
NUMBER . . . . .	6	412	568	-
YARDS AT MOUTH . . . . .	-	514	-	-
HOOKS OR BAITS . . . . .	3,000	-	-	-

## GULF FISHERIES

## MISSISSIPPI - LANDINGS OF CATCH BY GEAR, 1967

SPECIES	HAUL SEINES, COMMON		PURSE SEINES, MENHADEN		OTTER TRAWLS FISH	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUEFISH . . . . .	35,800	\$3,580	-	-	-	-
BLUE RUNNER . . . . .	16,500	825	-	-	-	-
CREVALLE . . . . .	46,000	2,300	-	-	-	-
CROAKER . . . . .	-	-	-	-	51,100	\$3,346
DRUM:						
BLACK . . . . .	300	24	-	-	2,300	120
RED . . . . .	1,200	180	-	-	1,500	71
FLOUNDERS . . . . .	-	-	-	-	13,200	1,948
KING WHITING OR "KINGFISH" . . . . .	-	-	-	-	143,200	9,672
MACKEREL, SPANISH . . . . .	2,000	160	-	-	1,000	60
MENHADEN . . . . .	-	-	166,527,400	\$2,144,868	-	-
MULLET, BLACK (LISA) . . . . .	250,000	12,500	-	-	-	-
SEA CATFISH . . . . .	-	-	-	-	118,700	5,950
SEA TROUT OR WEAKFISH:						
SPOTTED . . . . .	-	-	-	-	-	-
WHITE . . . . .	600	150	-	-	51,700	3,112
SHEEPSHEAD, SALT-WATER . . . . .	-	-	-	-	4,600	349
UNCLASSIFIED, FOR BAIT, REDUCTION, AND ANIMAL FOOD	-	-	-	-	74,494,100	1,442,257
TOTAL . . . . .	352,400	19,719	166,527,400	2,144,868	74,881,400	1,466,905
SPECIES	OTTER TRAWLS - CONTINUED SHRIMP		POTS AND TRAPS, CRAB		GILL NETS, RUNAROUND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUEFISH . . . . .	600	\$30	-	-	38,800	\$3,880
BLUE RUNNER . . . . .	-	-	-	-	1,000	50
CREVALLE . . . . .	-	-	-	-	1,500	75
CROAKER . . . . .	335,900	23,352	-	-	-	-
DRUM:						
BLACK . . . . .	2,300	127	-	-	-	-
RED . . . . .	2,600	137	-	-	-	-
FLOUNDERS . . . . .	124,600	16,934	-	-	-	-
GROUPERS . . . . .	5,400	444	-	-	-	-
KING WHITING OR "KINGFISH" . . . . .	259,700	18,412	-	-	-	-
MACKEREL, SPANISH . . . . .	8,300	665	-	-	63,200	6,020
POMPANO . . . . .	600	162	-	-	5,900	3,540
SEA CATFISH . . . . .	24,700	1,236	-	-	-	-
SEA TROUT OR WEAKFISH,						
WHITE . . . . .	120,700	7,290	-	-	-	-
SHEEPSHEAD, SALT-WATER . . . . .	3,200	200	-	-	-	-
SNAPPER, RED . . . . .	20,300	2,471	-	-	-	-
CRABS, BLUE:						
HARD . . . . .	-	-	996,100	\$77,816	-	-
SOFT AND PEELER . . . . .	-	-	1,200	180	-	-
SHRIMP, SALT-WATER . . . . .	9,624,700	3,121,871	-	-	-	-
TOTAL . . . . .	10,533,600	3,193,331	997,300	77,996	110,400	13,565
SPECIES	TRAMMEL NETS		LINES			
	POUNDS	VALUE	HAND		TROT WITH BAITS	
BLUEFISH . . . . .	4,200	\$420	-	-	-	-
BLUE RUNNER . . . . .	500	25	-	-	-	-
CREVALLE . . . . .	1,000	50	-	-	-	-
CROAKER . . . . .	1,600	111	-	-	-	-
DRUM:						
BLACK . . . . .	27,900	1,680	-	-	-	-
RED . . . . .	89,600	13,405	900	\$128	-	-
FLOUNDERS . . . . .	200	23	-	-	-	-
GROUPERS . . . . .	-	-	182,600	18,260	-	-
MACKEREL, SPANISH . . . . .	500	50	600	60	-	-
MULLET, BLACK (LISA) . . . . .	1,454,800	74,158	-	-	-	-
POMPANO . . . . .	700	420	-	-	-	-
SEA CATFISH . . . . .	1,200	63	-	-	-	-
SEA TROUT OR WEAKFISH:						
SPOTTED . . . . .	167,300	41,772	3,300	825	-	-
WHITE . . . . .	1,700	99	-	-	-	-
SHEEPSHEAD, SALT-WATER . . . . .	43,000	3,353	-	-	-	-
SNAPPER, RED . . . . .	-	-	2,870,100	847,875	-	-
SPOT . . . . .	300	18	-	-	-	-
CRABS, BLUE, HARD . . . . .	-	-	-	-	19,000	\$1,140
TOTAL . . . . .	1,794,500	135,647	3,057,500	867,148	19,000	1,140
SPECIES	DREDGES, OYSTER, COMMON		TONGS, OYSTER			
	POUNDS	VALUE	POUNDS	VALUE		
OYSTER, MARKET:						
PUBLIC:						
SPRING . . . . .	1,546,600	\$429,284	1,680,300	\$428,885		
FALLT . . . . .	230,300	95,832	143,000	58,577		
PRIVATE SPRING . . . . .	185,300	53,540	-	-		
TOTAL . . . . .	1,962,600	578,706	1,823,300	487,462		

# GULF FISHERIES

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## LOUISIANA

### OPERATING UNITS BY GEAR, 1967

ITEM	HAUL SEINES, COMMON	PURSE SEINES, MENHADEN	BUTTERFLY NETS, SHRIMP	OTTER TRAWLS		FYKE AND HOOP NETS, FISH
				FISH	SHRIMP	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS . . . . .	-	1,051	40	44	3,782	-
ON BOATS AND SHORE:						
REGULAR . . . . .	26	-	655	-	2,949	191
CASUAL . . . . .	3	-	31	-	1,417	160
TOTAL . . . . .	29	1,051	726	44	6,148	351
VESSELS, MOTOR . . . . .	-	60	22	18	1,421	-
GROSS TONNAGE . . . . .	-	22,684	379	1,132	66,830	-
BOATS:						
MOTOR . . . . .	7	120	363	-	3,402	346
OTHER . . . . .	6	-	-	-	-	-
GEAR:						
NUMBER . . . . .	8	60	782	26	5,940	11,749
LENGTH, YARDS . . . . .	2,000	33,424	-	-	-	-
YARDS AT MOUTH . . . . .	-	-	2,945	517	87,189	-
ITEM	FOTS AND TRAPS			SHRIMP	GILL NETS, ANCHOR, SET OR STAKE	TRAMMEL NETS
	CRAB, BLUE	CRAWFISH	FISH			
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS . . . . .	-	-	-	-	-	9
ON BOATS AND SHORE:						
REGULAR . . . . .	470	114	54	1	116	131
CASUAL . . . . .	89	98	27	-	48	35
TOTAL . . . . .	559	212	81	1	164	175
VESSELS, MOTOR . . . . .	-	-	-	-	-	3
GROSS TONNAGE . . . . .	-	-	-	-	-	71
BOATS:						
MOTOR . . . . .	381	203	81	1	153	97
OTHER . . . . .	-	-	-	-	-	24
GEAR:						
NUMBER . . . . .	58,785	13,736	1,229	8	211	88
SQUARE YARDS . . . . .	-	-	-	-	73,573	41,974
ITEM	LINES			DIP NETS		DREDGES, OYSTER, COMMON
	HAND	LONG OR SET WITH HOOKS	TROT WITH BAITS	COMMON	OROP	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS . . . . .	18	-	-	-	-	620
ON BOATS AND SHORE:						
REGULAR . . . . .	12	573	388	13	94	321
CASUAL . . . . .	101	364	120	12	34	51
TOTAL . . . . .	131	937	508	25	128	992
VESSELS, MOTOR . . . . .	6	-	-	-	-	225
GROSS TONNAGE . . . . .	379	-	-	-	-	4,266
BOATS, MOTOR . . . . .	73	937	508	25	128	191
GEAR:						
NUMBER . . . . .	135	1,546	569	25	9,952	747
YARDS AT MOUTH . . . . .	-	-	-	-	-	872
HOOKS OR BAITS . . . . .	319	579,375	325,500	-	-	-
ITEM	TONGS, OYSTER	BRUSH TRAPS	GRABS, FROG	BY HAND, OYSTER	TOTAL, EXCLUSIVE OF DUPLICATION	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	
FISHERMEN:						
ON VESSELS . . . . .	-	-	-	-	5,445	
ON BOATS AND SHORE:						
REGULAR . . . . .	93	48	39	20	3,633	
CASUAL . . . . .	6	-	17	-	1,984	
TOTAL . . . . .	99	48	56	20	11,062	
VESSELS, MOTOR . . . . .	-	-	-	-	1,608	
GROSS TONNAGE . . . . .	-	-	-	-	94,284	
BOATS:						
MOTOR . . . . .	60	48	44	20	4,626	
OTHER . . . . .	6	-	6	-	40	
GEAR, NUMBER . . . . .	99	16,600	56	-	-	

## GULF FISHERIES

## LOUISIANA - LANDINGS OF CATCH BY GEAR, 1967

SPECIES	HAUL SEINES, COMMON		PURSE SEINES, MENHADEN		BUTTERFLY NETS, SHRIMP	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH . . . . .	10,300	\$1,356	-	-	-	-
DRUM:						
BLACK . . . . .	33,800	2,231	-	-	-	-
RED . . . . .	48,700	8,128	-	-	-	-
FLOUNDERS . . . . .	200	34	-	-	-	-
GARFISH . . . . .	12,900	972	-	-	-	-
HERRING, THREAD . . . . .	-	-	2,284,700	\$33,585	-	-
MACKEREL, SPANISH . . . . .	1,100	105	-	-	-	-
MENHADEN . . . . .	-	-	510,414,000	6,134,338	-	-
MULLET, BLACK (LISA) . . . . .	500	23	-	-	-	-
SAWFISH . . . . .	800	65	-	-	-	-
SEA CATFISH . . . . .	13,100	1,084	-	-	-	-
SEA TROUT OR WEAKFISH, SPOTTED . . . . .	41,500	8,791	-	-	-	-
SHARKS, UNCLASSIFIED . . . . .	100	6	-	-	-	-
SHEEPSHEAD:						
FRESH-WATER . . . . .	11,400	1,418	-	-	-	-
SALT-WATER . . . . .	8,500	520	-	-	-	-
SPOT . . . . .	1,100	61	-	-	-	-
TRIPLETAIL . . . . .	200	19	-	-	-	-
UNCLASSIFIED, BAIT, REDUC- TION AND ANIMAL FOOD . . . . .	5,000	102	-	-	-	-
SHRIMP, SALT-WATER . . . . .	-	-	-	-	4,570,500	\$1,077,424
TOTAL . . . . .	189,200	24,915	512,698,700	6,167,923	4,570,500	1,077,424
SPECIES	OTTER TRAWLS				FYKE AND HDP NETS, FISH	
	FISH		SHRIMP		POUNDS	VALUE
BOWFIN . . . . .	-	-	-	-	7,200	\$378
BUFFALOFISH . . . . .	-	-	-	-	332,200	43,450
CABIO . . . . .	-	-	1,700	\$140	-	-
CARP . . . . .	-	-	-	-	15,700	943
CATFISH AND BULLHEADS . . . . .	-	-	-	-	822,900	229,161
CROAKER . . . . .	-	-	20,500	1,725	-	-
DRUM:						
BLACK . . . . .	-	-	7,900	519	-	-
RED . . . . .	-	-	17,900	2,995	-	-
FLOUNDERS . . . . .	-	-	250,500	42,789	-	-
GARFISH . . . . .	-	-	-	-	5,800	440
GROUPERS . . . . .	-	-	1,000	98	-	-
JEWFISH . . . . .	-	-	200	16	-	-
KING WHITING OR "KINGFISH" . . . . .	-	-	668,300	48,303	-	-
MACKEREL, SPANISH . . . . .	-	-	4,700	455	-	-
MULLET, BLACK (LISA) . . . . .	-	-	800	36	-	-
PADDLEFISH . . . . .	-	-	-	-	1,400	130
POMPANO . . . . .	-	-	3,300	1,812	-	-
SAWFISH . . . . .	-	-	4,500	361	-	-
SEA CATFISH . . . . .	-	-	25,600	2,323	-	-
SEA TROUT OR WEAKFISH:						
SPOTTED . . . . .	-	-	7,200	1,522	-	-
WHITE . . . . .	-	-	43,800	4,334	-	-
SHARKS, UNCLASSIFIED . . . . .	-	-	1,300	115	-	-
SHEEPSHEAD:						
FRESH-WATER . . . . .	-	-	-	-	84,800	10,625
SALT-WATER . . . . .	-	-	37,400	2,283	-	-
SNAPPER, RED . . . . .	-	-	183,200	47,022	-	-
SPOT . . . . .	-	-	3,300	196	-	-
TRIPLETAIL . . . . .	-	-	7,700	736	-	-
UNCLASSIFIED, BAIT, REDUC- TION AND ANIMAL FOOD . . . . .	26,104,600	\$522,092	-	-	3,400	68
CRABS, BLUE, HARD . . . . .	-	-	463,800	33,731	-	-
SHRIMP, SALT-WATER . . . . .	-	-	70,746,600	23,495,659	-	-
SQUID . . . . .	-	-	800	110	-	-
TERRAPIN . . . . .	-	-	500	200	-	-
TURTLES:						
GREEN, SEA . . . . .	-	-	2,200	436	-	-
SNAPPER . . . . .	-	-	-	-	1,400	326
TOTAL . . . . .	26,104,600	522,092	72,505,700	23,687,917	1,274,800	285,521

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# GULF FISHERIES

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## LOUISIANA - LANDINGS OF CATCH BY GEAR, 1967 - Continued

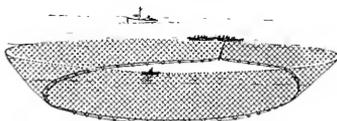
SPECIES	POTS AND TRAPS					
	CRAB, BLUE		CRAWFISH		FISH	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CATFISH AND BULLHEADS . . . . .	-	-	-	-	408,900	\$114,001
CRABS, BLUE:						
HARD . . . . .	4,279,000	\$293,281	-	-	-	-
SOFT . . . . .	52,700	43,903	-	-	-	-
CRAWFISH, FRESH-WATER . . . . .	-	-	1,588,700	\$276,730	-	-
TOTAL . . . . .	4,331,700	337,184	1,588,700	276,730	408,900	114,001
SPECIES	POTS AND TRAPS - CONTINUED		GILL NETS, ANCHOR, SET OR STAKE		TRAMMEL NETS	
	SHRIMP					
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWF IN . . . . .	-	-	11,300	\$1,072	-	-
BUFFALOFISH . . . . .	-	-	185,300	24,185	35,400	\$4,631
CARP . . . . .	-	-	9,200	556	-	-
CATFISH AND BULLHEADS . . . . .	-	-	161,500	44,487	28,200	7,850
CROAKER . . . . .	-	-	-	-	35,900	2,969
DRUM:						
BLACK . . . . .	-	-	4,900	322	216,100	14,266
RED . . . . .	-	-	20,600	3,436	554,200	92,552
FLOUNDERS . . . . .	-	-	76,600	14,198	20,100	3,510
GARFISH . . . . .	-	-	593,400	44,856	50,600	3,923
KING WHITING OR "KINGFISH", MULLET, BLACK (LISA) . . . . .	-	-	-	-	17,400	1,264
PADDLEFISH . . . . .	-	-	-	-	4,800	219
SAWFISH . . . . .	-	-	3,200	300	-	-
SEA CATFISH . . . . .	-	-	-	-	1,400	112
SEA TROUT OR WEAKFISH:						
SPOTTED . . . . .	-	-	-	-	10,500	909
WHITE . . . . .	-	-	-	-	552,600	116,773
SHARKS, UNCLASSIFIED . . . . .	-	-	6,100	375	24,400	2,424
SHEEPSHEAD:						
FRESH-WATER . . . . .	-	-	35,400	4,447	3,600	443
SALT-WATER . . . . .	-	-	-	-	124,200	7,554
SPOT . . . . .	-	-	-	-	5,000	261
SHRIMP, FRESH-WATER . . . . .	1,100	\$269	-	-	-	-
TOTAL . . . . .	1,100	289	1,107,500	138,234	1,684,400	259,660
SPECIES	LINES					
	HAND		LONG OR SET WITH HOOKS		TROT WITH BAITS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWF IN . . . . .	-	-	500	\$27	-	-
BUFFALOFISH . . . . .	-	-	200	26	-	-
CABIO . . . . .	1,500	\$126	-	-	-	-
CATFISH AND BULLHEADS . . . . .	-	-	2,308,200	644,480	-	-
DRUM:						
BLACK . . . . .	1,700	112	-	-	-	-
RED . . . . .	10,000	1,672	2,500	353	-	-
FLOUNDERS . . . . .	2,600	454	-	-	-	-
GARFISH . . . . .	100	9	2,900	220	-	-
GROUPERS . . . . .	2,200	217	-	-	-	-
KING WHITING DR "KINGFISH", MACKEREL, SPANISH . . . . .	1,600	115	-	-	-	-
POMPANO . . . . .	2,000	190	-	-	-	-
SEA CATFISH . . . . .	5,000	2,714	-	-	-	-
SEA TROUT OR WEAKFISH:						
SPOTTED . . . . .	800	70	10,000	847	-	-
WHITE . . . . .	18,400	3,894	1,000	212	-	-
SHEEPSHEAD, FRESH-WATER . . . . .	5,400	532	-	-	-	-
SNAPPER, RED . . . . .	-	-	900	114	-	-
WARSAW . . . . .	118,600	30,845	-	-	-	-
CRABS, BLUE:						
HARD . . . . .	600	72	-	-	-	-
SOFT . . . . .	-	-	-	-	2,263,400	\$155,039
TURTLES, SNAPPER . . . . .	4,400	1,020	1,000	233	19,600	16,214
TOTAL . . . . .	174,900	42,042	2,327,200	646,512	2,283,000	171,253

(CONTINUED ON NEXT PAGE)

## GULF FISHERIES

## LOUISIANA - LANDINGS OF CATCH BY GEAR, 1967 - Continued

SPECIES	DIP NETS					
	COMMON			DROP		
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CRABS, BLUE:						
HARD . . . . .	-	-	552,500	\$37,678		
SOFT AND PEELER . . . . .	-	-	22,500	18,612		
CRAMP FISH, FRESH-WATER . . . . .	-	-	30,000	5,226		
FROGS . . . . .	6,600	\$3,218	-	-		
TOTAL . . . . .	6,600	3,218	605,000	61,516		
SPECIES	DREDGES, OYSTER, COMMON			TONGS, OYSTER		
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
OYSTERS, MARKET:						
PUBLIC:						
SPRING . . . . .	717,800	\$266,630	-	-		
FALL . . . . .	181,300	110,726	8,900	\$5,434		
PRIVATE:						
SPRING . . . . .	5,185,700	2,041,953	96,000	42,084		
FALL . . . . .	1,443,300	881,398	99,600	60,634		
TOTAL . . . . .	7,528,100	3,300,707	204,500	108,352		
SPECIES	BRUSH TRAPS		GRABS, FROG		BY HAND, OYSTER	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CRABS, BLUE, SOFT AND PEELER	51,500	\$42,602	-	-	-	-
SHRIMP, FRESH-WATER . . . . .	6,900	1,820	-	-	-	-
OYSTERS, MARKET, PRIVATE, SPRING . . . . .	-	-	11,400	\$5,438	10,300	\$4,717
FROGS . . . . .	-	-	-	-	-	-
TOTAL . . . . .	58,400	44,422	11,400	5,438	10,300	4,717



MENHADEN PURSE SEINE

# GULF FISHERIES

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## TEXAS OPERATING UNITS BY GEAR, 1967

ITEM	HAUL SEINES, COMMON	PURSE SEINES, MENHADEN	OTTER TRAWLS, SHRIMP	FYKE AND HOOP NETS, FISH	POTS AND TRAPS, CRAB, BLUE
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS . . . . .	-	66	4,723	-	-
ON BOATS AND SHORE:					
REGULAR . . . . .	50	-	699	2	65
CASUAL . . . . .	16	-	284	-	1
TOTAL . . . . .	66	66	5,706	2	66
VESSLS, MOTOR . . . . .	-	4	1,675	-	-
GROSS TONNAGE . . . . .	-	704	100,707	-	-
BOATS:					
MOTOR . . . . .	19	8	724	2	66
OTHER . . . . .	3	-	-	-	-
GEAR:					
NUMBER . . . . .	22	4	3,688	15	11,100
LENGTH, YARDS . . . . .	6,100	2,000	-	-	-
YARDS AT MOUTH . . . . .	-	-	60,931	-	-

ITEM	GILL NETS, ANCHOR, SET OR STAKE	TRAMMEL NETS	LINES		SPEARS
			HAND	LONG OR SET WITH HOOKS	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS . . . . .	-	-	358	-	-
ON BOATS AND SHORE:					
REGULAR . . . . .	44	107	8	101	48
CASUAL . . . . .	8	9	225	23	34
TOTAL . . . . .	52	116	591	124	82
VESSLS, MOTOR . . . . .	-	-	66	-	-
GROSS TONNAGE . . . . .	-	-	3,122	-	-
BOATS:					
MOTOR . . . . .	44	89	147	118	58
OTHER . . . . .	-	49	-	-	-
GEAR:					
NUMBER . . . . .	44	89	573	124	82
SQUARE YARDS . . . . .	22,430	46,011	-	-	-
HOOKS OR BAITS . . . . .	-	-	4,474	122,200	-

ITEM	DREDGES, OYSTER, COMMON	TONGS, OYSTER	BY HAND, OYSTER	TOTAL, EXCLUSIVE OF DUPLI- CATION
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS . . . . .	331	-	-	5,296
ON BOATS AND SHORE:				
REGULAR . . . . .	256	27	27	916
CASUAL . . . . .	-	10	10	527
TOTAL . . . . .	587	37	37	6,741
VESSLS, MOTOR . . . . .	129	-	-	1,794
GROSS TONNAGE . . . . .	2,266	-	-	104,612
BOATS:				
MOTOR . . . . .	117	37	37	1,073
OTHER . . . . .	-	-	-	49
GEAR:				
NUMBER . . . . .	246	37	-	-
YARDS AT MOUTH . . . . .	246	-	-	-

## GULF FISHERIES

## TEXAS - LANDINGS OF CATCH BY GEAR, 1967

SPECIES	HAUL SEINES, COMMON		PURSE SEINES, MENHADEN		OTTER TRAWLS, SHRIMP	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CROAKER . . . . .	-	-	-	-	122,400	\$7,734
DRUM:						
BLACK . . . . .	10,000	\$943	-	-	51,700	3,804
RED . . . . .	19,900	4,931	-	-	3,200	834
FLOUNDERS . . . . .	700	161	-	-	200,900	50,943
GROUPEFS . . . . .	-	-	-	-	6,600	665
JEW FISH . . . . .	-	-	-	-	200	25
KING WHITING OR "KINGFISH". MENHADEN . . . . .	-	-	23,019,900	\$262,427	158,800	9,216
MULLET, BLACK (LISA). . . . .	200	16	-	-	27,600	1,404
POMPANO . . . . .	-	-	-	-	100	30
SEA CATFISH . . . . .	100	10	-	-	89,200	7,583
SEA TROUT OR WEAKFISH:						
SPOTTED . . . . .	304,300	75,061	-	-	30,900	7,416
WHITE . . . . .	700	75	-	-	15,600	1,576
SHEEPSHEAD, SALT-WATER . . . . .	33,600	2,564	-	-	50,700	4,041
SNAPPER, RED . . . . .	-	-	-	-	111,300	33,172
WARSAW . . . . .	-	-	-	-	3,500	447
UNCLASSIFIED:						
FOR FOOD . . . . .	-	-	-	-	157,200	9,687
BAIT, REDUCTION, AND ANIMAL FOOD . . . . .	-	-	-	-	65,200	1,834
CRABS, BLUE, HARD . . . . .	-	-	-	-	54,300	3,034
SHRIMP . . . . .	-	-	-	-	102,875,700	46,355,147
SQUID . . . . .	-	-	-	-	11,700	1,019
TOTAL . . . . .	369,500	83,761	23,019,900	262,427	104,036,800	46,499,611

SPECIES	FYKE AND HOOP NETS, FISH		POTS AND TRAPS, CRAB, BLUE		GILL NETS, ANCHOR, SET OR STAKE	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALO FISH . . . . .	22,000	\$3,080	-	-	25,000	\$3,500
DRUM:						
BLACK . . . . .	-	-	-	-	51,400	5,786
RED . . . . .	-	-	-	-	84,200	20,934
FLOUNDERS . . . . .	-	-	-	-	9,900	2,667
GARFISH . . . . .	-	-	-	-	52,000	2,600
SEA CATFISH . . . . .	-	-	-	-	5,100	558
SEA TROUT OR WEAKFISH, SPOTTED . . . . .	-	-	-	-	107,200	26,041
SHEEPSHEAD, SALT-WATER . . . . .	-	-	-	-	11,600	1,054
CRABS, BLUE, HARD . . . . .	-	-	2,570,500	\$219,668	-	-
TOTAL . . . . .	22,000	3,080	2,570,500	219,668	346,400	63,140

SPECIES	TRAMMEL NETS		LINES			
	POUNDS	VALUE	HAND		LONG OR SET WITH HOOKS	
			POUNDS	VALUE	POUNDS	VALUE
CABIO . . . . .	-	-	8,600	\$989	-	-
CATFISH AND BULLHEADS . . . . .	-	-	-	-	5,200	\$1,560
CROAKER . . . . .	10,200	\$566	-	-	1,600	203
DRUM:						
BLACK . . . . .	399,300	48,613	16,000	1,583	533,200	71,773
RED . . . . .	212,100	53,700	12,200	3,013	438,900	109,291
FLOUNDERS . . . . .	5,700	1,451	3,700	965	15,300	4,007
GROUPEFS . . . . .	-	-	69,500	7,875	-	-
MACKEREL, SPANISH . . . . .	-	-	200	23	-	-
POMPANO . . . . .	-	-	4,600	2,111	700	354
SEA CATFISH . . . . .	800	80	1,700	160	9,300	1,371
SEA TROUT OR WEAKFISH:						
SPOTTED . . . . .	633,700	154,114	37,500	8,543	407,300	100,064
WHITE . . . . .	27,300	2,727	-	-	-	-
SHEEPSHEAD, SALT-WATER . . . . .	52,400	4,973	5,500	479	45,400	4,698
SNAPPER, RED . . . . .	-	-	1,297,300	429,301	-	-
WARSAW . . . . .	-	-	6,000	697	-	-
UNCLASSIFIED:						
FOR FOOD . . . . .	29,800	1,785	-	-	-	-
BAIT, REDUCTION, AND ANIMAL FOOD . . . . .	8,100	243	1,500	45	2,800	84
TOTAL . . . . .	1,379,400	268,452	1,464,300	455,784	1,456,700	293,405

(CONTINUED ON NEXT PAGE)

# GULF FISHERIES

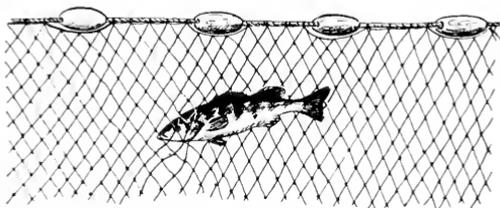
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## TEXAS - LANDINGS OF CATCH BY GEAR, 1967 - Continued

SPECIES	SPEARS		DREDGES, OYSTER, COMMON	
	<u>POUNDS</u>	<u>VALUE</u>	<u>POUNDS</u>	<u>VALUE</u>
FLOUNDERS . . . . .	8,500	\$2,070	-	-
OYSTERS, MARKET:				
PUBLIC:				
SPRING. . . . .	-	-	1,999,700	\$876,330
FALL. . . . .	-	-	1,225,400	513,301
PRIVATE:				
SPRING. . . . .	-	-	36,900	17,550
FALL. . . . .	-	-	204,900	122,672
<b>TOTAL . . . . .</b>	<b>8,500</b>	<b>2,070</b>	<b>3,466,900</b>	<b>1,529,853</b>

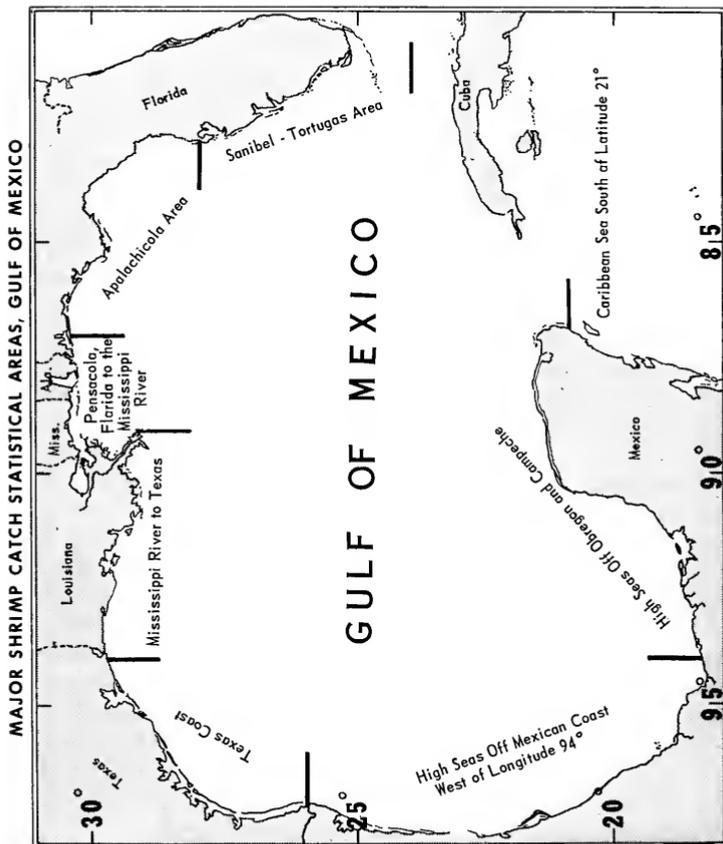
  

SPECIES	TONGS, OYSTER		BY HAND, OYSTER	
	<u>POUNDS</u>	<u>VALUE</u>	<u>POUNDS</u>	<u>VALUE</u>
OYSTERS, MARKET, PUBLIC:				
SPRING. . . . .	32,200	\$14,960	25,000	\$11,992
FALL. . . . .	26,200	12,052	2,700	1,324
<b>TOTAL . . . . .</b>	<b>58,400</b>	<b>27,012</b>	<b>27,700</b>	<b>13,316</b>



GILL NET

## GULF FISHERIES



# GULF FISHERIES

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## GULF SHRIMP FISHERY

Landings of 141.4 million pounds of shrimp (heads-off) were 28.6 million pounds greater than in 1966, and were second only to the record harvest of 1954. The exvessel value was a record \$90.6 million--a gain of \$7.6 million (9 percent) compared with the previous year.

The sharp increase in volume resulted primarily from an unprecedented abundance of brown shrimp in the inshore and coastal waters of Louisiana and Texas. Pink and white shrimp were also plentiful. The combined landings from these waters supplied more than 78 percent of the Gulf States shrimp production.

Shrimp were not so plentiful, however, on all the other major fishing grounds. Catches from the Sanibel-Tortugas grounds (9.2 million pounds) were 4.1 million less than in 1966, and the smallest harvest since 1962. Landings of 5.1 million pounds taken from the high seas off the Mexican coast west of long. 94° W. were nearly 1 million pounds less than a year earlier. The catches from some grounds were smaller than in 1966 because shrimp trawlers were concentrating their efforts on the more productive waters of Louisiana and Texas. The catch of shrimp from the waters off Apalachicola, Fla. (1.9 million pounds) was 92,600 pounds more than 1966; the catches from the Obregon-Campeche grounds (5.1 million) were 1 million pounds more than 1966. The Obregon-Campeche production, however, was much less than the 10 to 12 million pounds harvested there each year from 1959 to 1965.

Brown shrimp accounted for 71 percent of the total landings; white shrimp, 18 percent; and pink shrimp, 11 percent. In 1966, brown shrimp were 57 percent of the total; white shrimp, 27 percent; and pink shrimp, 16 percent. Small quantities of seabobs and royal red shrimp were also landed during both years.

In 1967, large and medium shrimp formed a greater proportion of the landings than in the previous year. Large shrimp (under 15, 15-20, 21-25, and 26-30 tails per pound) were 38 percent of the landings compared with 36 percent in 1966; medium (31-40, and 41-50 tails per pound) were 33 percent compared with 29 percent in 1966; and small (51 and more tails per pound) were 29 percent--compared with 35 percent in the previous year.

The record exvessel prices prevailing at the end of 1966 continued through the first quarter of 1967. When Louisiana inside waters were opened to shrimp trawling on May 15, however, the record landings of medium and small shrimp caused a rapid decline in price. By mid-July, the price at most Gulf ports was 30 cents less per pound than for the same period in the previous year. At the end of July, prices stabilized; by August they were on an upward trend. However, exvessel prices paid for medium and small shrimp in 1967 did not reach the record values of the previous year. Exvessel price declines for large shrimp were not as drastic as for the small and medium sizes. The lowest prices for large size shrimp were paid from July to September, but then for only short periods. By the end of the year, fishermen were again receiving record prices for large shrimp.

AVERAGE ANNUAL EXVESSEL PRICE PER POUND OF GULF SHRIMP, BY SIZE, 1962-67  
(All species combined)

Size (Heads-off shrimp per pound)	1962	1963	1964	1965	1966	1967
Under 15	\$.96	\$.85	\$.87	\$.92	\$1.12	\$1.16
15-20	.94	.81	.80	.85	1.03	1.04
21-25	.92	.72	.72	.76	.97	.87
26-30	.86	.62	.65	.69	.92	.75
31-40	.76	.52	.56	.60	.81	.64
41-50	.62	.43	.47	.52	.70	.56
51-67	.50	.31	.38	.44	.57	.46
68 and over	.36	.19	.27	.29	.37	.28
Average price, all sizes combined	.68	.49	.55	.58	.74	.64

# GULF FISHERIES

The following tabulations include information on the species of shrimp taken in the Gulf, 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 and regional tables. Pounds of heads-off shrimp may be converted to heads-on (round) weight by multiplying brown shrimp weight by 1.61; pink, by 1.60; white, by 1.54; seabobs, by 1.53; and royal red, by 1.80.

Information on the landings and catch of shrimp in the Gulf area in the following tables has been previously published in Current Fishery Statistics No. 4775. 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, 1967

SIZE	BROWN		PINK		WHITE	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
UNDER 15 . . . . .	1,558,687	\$1,837,726	294,670	\$321,802	863,666	\$979,520
15 - 20 . . . . .	8,227,703	8,359,141	950,861	991,177	4,681,956	5,085,666
21 - 25 . . . . .	13,678,464	11,409,144	1,504,763	1,463,299	3,917,914	3,788,008
26 - 30 . . . . .	13,306,381	9,510,239	2,072,400	1,866,801	2,380,619	1,922,583
31 - 40 . . . . .	24,544,622	14,945,926	4,239,055	3,371,948	3,862,361	2,983,251
41 - 50 . . . . .	8,981,324	4,682,952	2,629,428	1,724,301	2,019,431	1,216,933
51 - 67 . . . . .	9,921,198	4,329,571	2,774,594	1,487,378	2,834,321	1,363,935
68 AND OVER . . . . .	20,684,889	5,509,934	807,535	307,993	4,398,642	1,439,067
TOTAL . . . . .	100,903,468	60,584,633	15,273,306	11,534,699	24,958,930	18,381,163

SIZE	SEA BOBS		ROYAL RED		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
UNDER 15 . . . . .	-	-	-	-	2,717,043	\$3,139,048
15 - 20 . . . . .	-	-	-	-	13,860,520	14,436,184
21 - 25 . . . . .	-	-	-	-	19,101,141	16,660,451
26 - 30 . . . . .	-	-	4,072	\$3,567	17,763,472	13,303,210
31 - 40 . . . . .	-	-	17,116	13,587	32,663,354	20,914,712
41 - 50 . . . . .	-	-	13,293	9,900	13,643,476	7,636,086
51 - 67 . . . . .	-	-	1,505	985	15,531,618	7,181,869
68 AND OVER . . . . .	214,183	\$45,746	270	105	26,105,519	7,302,845
TOTAL . . . . .	214,183	45,746	36,256	28,164	141,386,143	90,574,405

## GULF SHRIMP LANDINGS BY SPECIES AND SIZE, 1967

SPECIES AND SIZE	FLORIDA, WEST COAST		ALABAMA		MISSISSIPPI	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BROWN:						
UNDER 15 . . . . .	2,500	\$2,696	104,549	\$111,536	3,070	\$3,422
15 - 20 . . . . .	93,161	95,769	749,735	766,953	102,196	107,841
21 - 25 . . . . .	170,633	147,453	1,163,794	990,341	236,298	198,819
26 - 30 . . . . .	252,399	184,715	894,847	660,211	229,961	151,671
31 - 40 . . . . .	471,951	313,494	1,208,835	742,963	843,561	471,109
41 - 50 . . . . .	173,199	95,442	946,926	482,239	888,896	436,586
51 - 67 . . . . .	217,866	103,976	1,642,559	711,734	1,931,157	833,102
68 AND OVER . . . . .	51,652	21,475	973,108	332,326	1,023,160	365,829
TOTAL . . . . .	1,433,381	965,020	7,684,353	4,798,303	5,258,299	2,568,379

(CONTINUED ON NEXT PAGE)

# GULF FISHERIES

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## GULF SHRIMP LANDINGS BY SPECIES AND SIZE, 1967 - Continued

SPECIES AND SIZE	FLORIDA, WEST COAST		ALABAMA		MISSISSIPPI	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
<b>PINK:</b>						
UNDER 15 . . . . .	50,046	\$53,044	-	-	-	-
15 - 20 . . . . .	516,319	528,164	3,795	\$4,106	230	\$241
21 - 25 . . . . .	1,169,034	1,111,436	17,498	18,268	1,970	1,943
26 - 30 . . . . .	1,737,839	1,535,855	60,026	59,300	18,856	17,277
31 - 40 . . . . .	3,533,062	2,779,178	128,239	111,127	35,363	26,875
41 - 50 . . . . .	2,277,831	1,472,460	14,562	10,518	62,301	49,301
51 - 67 . . . . .	2,550,032	1,327,925	8,897	5,980	14,543	7,488
68 AND OVER . . . . .	803,744	305,436	3,531	2,397	260	160
TOTAL . . . . .	12,637,909	9,113,500	236,568	211,816	153,523	103,255
<b>WHITE:</b>						
UNDER 15 . . . . .	557	517	6,194	7,448	1,405	1,691
15 - 20 . . . . .	76,356	81,096	394,355	437,339	79,747	81,474
21 - 25 . . . . .	75,905	74,555	368,434	381,650	217,144	195,128
26 - 30 . . . . .	72,931	60,656	110,833	69,708	93,457	65,430
31 - 40 . . . . .	74,279	54,223	78,350	50,988	79,824	49,360
41 - 50 . . . . .	77,531	46,564	64,563	36,613	49,103	26,422
51 - 67 . . . . .	39,639	18,478	40,529	21,704	55,797	24,217
68 AND OVER . . . . .	111,929	32,260	18,244	9,094	16,476	6,465
TOTAL . . . . .	530,127	369,369	1,101,522	1,034,544	592,953	450,207
<b>SEA BOBS . . . . .</b>	31,792	4,802	-	-	-	-
<b>ROYAL RED:</b>						
26 - 30 . . . . .	4,072	3,567	-	-	-	-
31 - 40 . . . . .	11,923	9,525	4,949	3,848	-	-
41 - 50 . . . . .	13,293	9,900	-	-	-	-
51 - 67 . . . . .	1,505	985	-	-	-	-
68 AND OVER . . . . .	270	105	-	-	-	-
TOTAL . . . . .	31,063	24,102	4,949	3,848	-	-
<b>GRAND TOTAL . . . . .</b>	14,664,272	10,475,793	9,027,392	6,046,511	6,004,775	3,121,871

SPECIES AND SIZE	LOUISIANA		TEXAS		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
<b>BROWN:</b>						
UNDER 15 . . . . .	245,552	\$289,216	1,203,016	\$1,431,856	1,558,687	\$1,837,726
15 - 20 . . . . .	987,937	1,013,973	6,294,674	6,374,605	8,227,703	8,399,141
21 - 25 . . . . .	1,310,259	1,103,660	10,797,450	8,968,871	13,678,464	11,409,144
26 - 30 . . . . .	1,614,574	1,159,229	10,314,600	7,354,413	13,306,361	9,510,239
31 - 40 . . . . .	3,503,760	2,080,495	18,516,715	11,337,865	24,544,822	14,945,926
41 - 50 . . . . .	2,474,029	1,281,568	4,498,274	2,387,117	8,981,324	4,682,952
51 - 67 . . . . .	3,530,149	1,524,031	2,599,447	1,156,728	9,921,198	4,329,571
68 AND OVER . . . . .	17,310,766	4,501,526	1,326,203	298,718	20,684,869	5,509,934
TOTAL . . . . .	30,977,056	12,952,758	55,550,379	39,300,173	100,903,468	60,584,633
<b>PINK:</b>						
UNDER 15 . . . . .	360	414	244,262	269,344	294,670	321,802
15 - 20 . . . . .	2,260	2,397	428,257	456,269	950,861	991,177
21 - 25 . . . . .	6,340	6,958	309,921	324,672	1,504,763	1,465,299
26 - 30 . . . . .	4,130	4,045	251,549	250,324	2,072,400	1,866,801
31 - 40 . . . . .	7,450	6,190	534,941	448,578	4,239,055	3,371,948
41 - 50 . . . . .	3,490	2,627	251,224	189,295	2,629,428	1,724,301
51 - 67 . . . . .	435	292	201,667	145,693	2,774,594	1,487,378
68 AND OVER . . . . .	-	-	-	-	607,535	307,993
TOTAL . . . . .	24,465	22,923	2,220,841	2,083,175	15,273,306	11,534,699
<b>WHITE:</b>						
UNDER 15 . . . . .	448,364	539,860	407,166	431,004	863,686	979,520
15 - 20 . . . . .	2,844,215	3,158,489	1,287,293	1,327,468	4,681,956	5,085,866
21 - 25 . . . . .	2,061,400	2,036,542	1,174,027	1,078,133	3,917,914	3,788,008
26 - 30 . . . . .	1,376,618	1,119,371	-	-	2,360,619	1,922,533
31 - 40 . . . . .	2,558,850	1,688,820	1,071,058	739,840	3,862,361	2,583,251
41 - 50 . . . . .	1,346,240	814,194	481,974	295,140	2,019,431	1,218,933
51 - 67 . . . . .	2,224,141	1,042,213	474,215	257,323	2,834,321	1,363,935
68 AND OVER . . . . .	3,456,926	1,136,073	795,067	255,155	4,398,642	1,439,067
TOTAL . . . . .	16,315,758	11,556,562	6,418,570	4,971,481	24,958,930	18,381,163
<b>SEA BOBS . . . . .</b>	181,868	40,840	523	104	214,183	45,746
<b>ROYAL RED:</b>						
26 - 30 . . . . .	-	-	-	-	4,072	3,587
31 - 40 . . . . .	-	-	244	214	17,116	13,587
41 - 50 . . . . .	-	-	-	-	13,293	9,900
51 - 67 . . . . .	-	-	-	-	1,505	985
68 AND OVER . . . . .	-	-	-	-	270	105
TOTAL . . . . .	-	-	244	214	36,256	28,164
<b>GRAND TOTAL . . . . .</b>	47,499,147	24,573,083	64,190,557	46,355,147	141,386,143	90,574,405

SEE NOTE ON PAGE 252.

## GULF FISHERIES

## GULF COAST SHRIMP CATCH BY AREA, DEPTH, AND SIZE, 1967

MAJOR WATER AREA, DEPTH, AND SPECIES	TRIPS	SIZE (HEADS-OFF PER POUND)										TOTAL
		UNDER 15	15 - 20	21 - 25	26 - 30	31 - 40	41 - 50	51 - 67	68 & OVER			
SANIBEL AND TORTUGAS	NUMBER	EDWARDS										
0 - 5 FATHOMS: PINK	138	652	2,744	4,862	8,862	2,239,932	101,824	49,190	8,458			
6 - 20 FATHOMS: PINK	2,401	957,957	2,175,399	1,902,663	1,002,663	13,471	1,098,868	670,203	8,013,443			
21 - 45 FATHOMS: PINK	-	51,517	90,546	24,005	13,471	1,097	1,097	1,097	395,397			
146 - 250 FATHOMS: ROYAL RED	-	-	4,072	13,293	11,963	1,505	270	270	361,663			
TOTAL	7,158.0	252,078	827,413	1,014,398	2,280,612	1,944,843	2,254,908	671,570	9,248,361			
APALACHICOLA AREA												
0 - 5 FATHOMS: BROWN	-	1,071	3,907	123,071	122,026	101,824	49,190	516,726				
6 - 20 FATHOMS: PINK	-	633	4,637	119,046	102,937	158,858	139,664	518,664				
21 - 45 FATHOMS: WHITE	-	23,675	12,865	20,363	48,792	66,586	111,560	320,000				
6 - 20 FATHOMS: BROWN	-	-	-	-	-	31,752	31,752	31,752				
6 - 15 FATHOMS: WHITE	139	9,807	249	33,639	3,310	3,960	2,618	50,115				
6 - 10 FATHOMS: WHITE	-	17,659	8,009	7,116	151,072	76,486	17,369	4,836				
6 - 10 FATHOMS: SEA BOGS	-	-	-	-	-	432	40	40				
TOTAL	9,678.9	66,901	159,429	475,619	374,141	482,681	316,691	1,927,056				
PENSACOLA TO MISSISSIPPI RIVER												
0 - 5 FATHOMS: BROWN	89	6,232	6,777	113,304	829,392	1,168,983	2,890,381	2,654,760	7,663,918			
6 - 20 FATHOMS: PINK	135	94,759	310,799	10,222	17,409	6,790	2,816	1,371,237				
21 - 45 FATHOMS: BROWN	5,449	86,648	194,511	333,810	977,567	1,585,671	585,671	1,603,382				
6 - 20 FATHOMS: PINK	3,880	341,151	3,026	13,071	38,442	69,598	15,260	586,332				
21 - 45 FATHOMS: BROWN	76,722	674,485	1,122,149	694,690	433,385	34,462	25,059	14,856				
21 - 25 FATHOMS: PINK	-	-	-	-	-	-	-	-				
215 - 220 FATHOMS: ROYAL RED	304	18,913	26,948	3,822	2,804	1,845	681	2,124				
TOTAL	42,101.3	1,226,703	1,859,847	1,513,703	2,764,487	2,446,433	4,805,583	3,439,856	18,143,191			
MISSISSIPPI RIVER TO TEXAS												
0 - 5 FATHOMS: BROWN	540	1,000	2,088	14,481	38,302	142,762	1,213,390	15,508,369	16,920,932			
6 - 20 FATHOMS: WHITE	89,536	1,495,036	1,246,164	932,696	1,767,499	1,035,894	1,837,615	3,488,726	11,963,106			
6 - 15 FATHOMS: BROWN	48,442	300,812	609,694	925,254	3,080,087	2,095,289	1,586,142	57,088	9,253,272			
21 - 45 FATHOMS: PINK	381,631	1,443,398	979,421	374,322	563,479	248,127	264,218	114,185	4,368,591			
21 - 65 FATHOMS: BROWN	238,867	1,066,545	828,195	745,978	489,195	49,051	24,111	1,454	3,443,356			
215 - 220 FATHOMS: WHITE	100	6,438	10,227	1,302	3,056	1,247	2,814	35,089	62,303			
215 - 220 FATHOMS: ROYAL RED	-	-	-	-	193	-	-	-	193			
TOTAL	152,350.2	4,315,229	3,675,789	2,994,803	5,941,673	3,572,480	4,928,474	19,877,300	46,095,064			
TEXAS COAST												
0 - 5 FATHOMS: BROWN	30	152	110	4,140	26,146	78,285	209,003	1,185,776	3,473,622			
6 - 20 FATHOMS: WHITE	77,725	686,302	497,410	708,140	708,140	1,035,894	1,586,332	3,488,726	11,963,106			
6 - 20 FATHOMS: PINK	141,624	1,256,440	3,879,692	7,308,789	14,371,056	3,002,644	1,568,390	140,241	31,668,876			
21 - 45 FATHOMS: WHITE	30,1723	643,671	375,101	164,577	189,322	68,313	53,514	6,364	1,819,465			
21 - 65 FATHOMS: BROWN	480,553	3,670,358	5,996,598	2,494,571	2,682,922	964,623	464,241	924	16,764,460			
146 - 150 FATHOMS: WHITE	1,631	2,360	2,907	3,099	2,680	442	131	-	171,971			
TOTAL	55,756.5	4,068,418	10,918,973	10,467,830	18,062,960	4,493,199	2,651,295	1,794,477	55,480,552			

(CONTINUED)

SEE NOTE AT END OF TABLE.

## GULF COAST SHRIMP CATCH BY AREA, DEPTH, AND SIZE, 1967 - Continued

MAJOR WATER AREA, DEPTH, AND SPECIES	SIZE (HEADS-OFF PER POUND)											TOTAL
	.....BOUNDS.....											
	UNDER 15	15 - 20	21 - 25	26 - 30	31 - 40	41 - 50	51 - 67	68 & OVER				
TRIPS	NUMBER											
	LONGITUDE											
HIGH SEAS OFF MEXICAN COAST WEST OF 94°												
0 - 5 FATHOMS: WHITE	30	90	229	50	129	874	25				1,427	
6 - 20 FATHOMS: BROWN	9,728	21,677	26,465	24,387	36,632	13,729	10,261				142,879	
6 - 10 FATHOMS: WHITE	3,866	8,271	6,479	3,169	5,763	2,157	1,503				1,503	
21 - 15 FATHOMS: PINK	553,536	1,102,761	1,028,941	565,163	1,250,326	356,140	429				30,064	
21 - 30 FATHOMS: PINK	5	-	17	150	326	336	136,748				4,953,632	
21 - 30 FATHOMS: WHITE	-	-	-	-	-	-	-				1,145	
TOTAL	2,051.6	1,132,816	1,062,490	592,852	1,278,466	353,603	149,400				5,111,564	
HIGH SEAS OFF OREGON AND CAMPECHE												
6 - 20 FATHOMS: BROWN	2,410	3,276	1,902	1,961	20,596	7,875	3,197				41,217	
6 - 20 FATHOMS: PINK	149,198	391,962	468,872	570,068	1,022,165	383,359	193,467				3,130,679	
21 - 20 FATHOMS: WHITE	3,085	52,263	3,059	11,206	83	282	60				57,398	
21 - 30 FATHOMS: BROWN	148,254	252,884	166,193	21,806	7,795	67,277	48,094				1,704,482	
21 - 30 FATHOMS: PINK	925	24,200	1,485	391,700	591,680	-	-				1,704,482	
21 - 30 FATHOMS: WHITE	-	-	-	-	-	-	-				26,608	
TOTAL	1,020.9	788,447	662,879	975,278	1,656,700	416,568	251,070				5,072,669	
CARIBBEAN SEA SOUTH OF 21° NORTH LATITUDE												
16 - 20 FATHOMS: BROWN	-	-	7,087	4,422	1,260	-	-				1,260	
16 - 20 FATHOMS: BROWN	3,657	2,635	9,002	27,196	155,989	7,566	2,308				11,509	
6 - 20 FATHOMS: WHITE	270	760	8,870	15,347	25,200	6,424	1,690				208,335	
21 - 30 FATHOMS: BROWN	-	-	65	16,697	4,744	5,900	3,290				18,137	
21 - 25 FATHOMS: PINK	15	65	530	3,620	2,018	370	1,060				14,775	
21 - 25 FATHOMS: WHITE	-	-	-	-	-	-	-				7,763	
TOTAL	4,037	5,655	26,790	58,205	195,806	18,068	8,348				314,909	
ATLANTIC OCEAN												
0 - 5 FATHOMS: WHITE	-	-	165	2,704	315	-	21				165	
6 - 15 FATHOMS: WHITE	-	313	5,512	2,704	315	-	-				8,865	
TOTAL	12.4	313	5,677	2,704	315	-	21				9,030	
GRAND TOTAL	270,157.0	2,719,089	13,661,114	19,106,725	32,649,438	13,619,335	15,531,740				141,372,396	

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 TABLE WHICH REPRESENT LANDINGS. A SINGLE TRIP IS SHOWN FOR EACH VOYAGE. ADDITIONAL TABULATIONS CONCERNING THE GULF OF MEXICO CATCHES OF SHRIMP IN MORE DETAIL BY AREA, DEPTH, SIZE, AND FISHING EFFORT MAY BE OBTAINED UPON REQUEST FROM THE U. S. FISH AND WILDLIFE SERVICE, BUREAU OF COMMERCIAL FISHERIES, DIVISION OF FISHERY STATISTICS AND MARKET NEWS, WASHINGTON, D. C. 20240



## GULF FISHERIES

## SOUTH ATLANTIC AND GULF COAST SHRIMP LANDINGS, 1967

SPECIES AND SIZE	SOUTH ATLANTIC COAST		GULF COAST		TOTAL, 1967	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
<b>BROWN:</b>						
15 - 20 . . . . .	-	-	1,558,687	\$1,837,726	1,558,687	\$1,837,726
21 - 25 . . . . .	296,021	\$266,509	6,227,703	8,359,141	8,529,724	8,625,650
26 - 30 . . . . .	353,748	259,731	13,678,464	11,409,144	14,032,212	11,668,875
31 - 40 . . . . .	673,120	473,010	13,306,381	9,510,239	13,979,501	9,963,249
41 - 40 . . . . .	2,123,356	1,283,828	24,544,622	14,945,926	26,668,178	16,229,754
41 - 50 . . . . .	1,188,527	612,049	8,981,324	4,682,952	10,169,851	5,295,001
51 - 67 . . . . .	320,489	140,584	9,921,198	4,329,571	10,241,687	4,470,155
68 AND OVER . . . . .	539	250	20,684,889	5,509,934	20,685,426	5,570,184
TOTAL . . . . .	4,955,800	3,035,961	100,903,468	60,584,633	105,859,266	63,620,594
<b>PINK:</b>						
15 - 20 . . . . .	-	-	294,670	321,802	294,670	321,802
21 - 25 . . . . .	31,335	28,202	950,661	991,177	982,196	1,019,379
26 - 30 . . . . .	-	-	1,504,763	1,463,299	1,504,763	1,463,299
31 - 40 . . . . .	-	-	2,072,400	1,866,601	2,072,400	1,666,801
41 - 40 . . . . .	317,044	177,430	4,239,055	3,371,948	4,556,099	3,549,378
41 - 50 . . . . .	634,520	347,520	2,629,428	1,724,301	3,264,348	2,071,621
51 - 67 . . . . .	4,200	2,520	2,774,594	1,487,378	2,776,594	1,489,898
68 AND OVER . . . . .	-	-	607,535	307,993	607,535	307,993
TOTAL . . . . .	987,499	555,672	15,273,306	11,534,699	16,260,805	12,090,371
<b>WHITE:</b>						
15 - 20 . . . . .	-	-	863,666	979,520	863,666	979,520
21 - 25 . . . . .	121,844	121,227	4,681,956	5,065,866	4,603,820	5,207,093
26 - 30 . . . . .	1,250,907	1,160,103	3,917,914	3,766,008	5,168,821	4,948,111
31 - 40 . . . . .	2,240,277	1,869,051	2,380,619	1,922,563	4,620,896	3,791,634
41 - 40 . . . . .	2,049,710	1,408,969	3,862,361	2,583,251	5,912,071	3,992,220
41 - 50 . . . . .	1,028,100	622,380	2,019,431	1,218,933	3,047,531	1,841,313
51 - 67 . . . . .	354,219	163,513	2,634,321	1,363,935	3,168,540	1,527,448
68 AND OVER . . . . .	34,231	12,351	4,398,642	1,439,067	4,432,873	1,451,416
TOTAL . . . . .	7,079,268	5,357,594	24,956,930	16,361,163	32,038,218	23,738,757
<b>SEA BOBS.</b>	-	-	214,183	45,746	214,183	45,746
<b>ROYAL RED:</b>						
21 - 25 . . . . .	24,334	22,402	-	-	24,334	22,402
26 - 30 . . . . .	5,467	5,325	4,072	3,587	9,539	8,912
31 - 40 . . . . .	11,517	10,010	17,116	13,587	28,633	23,597
41 - 50 . . . . .	16,803	10,873	13,293	9,900	30,096	20,773
51 - 67 . . . . .	19,129	12,501	1,505	985	20,634	13,486
68 AND OVER . . . . .	-	-	270	105	270	105
TOTAL . . . . .	77,250	61,111	36,256	28,164	113,506	89,275
<b>GRAND TOTAL . . . . .</b>	<b>13,099,637</b>	<b>9,010,338</b>	<b>141,366,143</b>	<b>90,574,405</b>	<b>154,485,980</b>	<b>99,584,743</b>

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 1.60 FOR ROYAL RED. THE STATES 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 (MOSTLY PENAEUS AZTECUS), PINK SHRIMP (MOSTLY PENAEUS QUORARUM), SEA BOBS (MOSTLY XIPHOPENAEUS KROYERI), AND ROYAL RED (MOSTLY HYMENOPENAEUS ROBUSTUS). THE VALUE REPORTED IS THE AMOUNT RECEIVED BY THE OWNERS OR OPERATORS OF THE VESSELS 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

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Landings of commercial fishery products at Pacific coast ports were 1.1 billion pounds worth \$140.4 million--a decline of 118.9 million pounds (9 percent) and \$27.7 million (17 percent) compared with the previous year. The lower volume and value resulted principally from a sharp decline in landings of salmon and king crabs. There were also smaller landings of halibut, sea herring, jack and Pacific mackerel, ocean perch, rockfishes, and Pacific sardines. The production of anchovies, bonito, hake, tuna, and Dungeness crabs increased.

The Pacific Coast States had 28 percent of the volume and 32 percent of the value of the U.S. catch, and exceeded all other areas in value. California, with landings of 507 million pounds worth \$51.4 million had 45 percent of the quantity and 37 percent of the value of the Pacific Coast production, followed by Alaska with 361.3 million pounds (32 percent) worth \$47.8 million (34 percent). Washington and Oregon supplied the remaining 266.4 million pounds worth \$41.2 million.

Fishermen and vessels. There were 38,415 fishermen using 5,076 vessels (5 net tons or more), 14,573 motor boats, and 241 other boats in 1967--an increase of 679 fishermen, 139 motor boats, and 9 other boats, compared with the previous year. The number of vessels was the same as in 1966. Two hundred and seventeen vessels totaling 9,102 gross tons obtained documents as fishing craft at Pacific coast ports during 1967. This was 15 more than in the previous year and 59 more than the average of the previous 10 years (1957-66). Some were large new tuna vessels but most (137) were in the 5- to 20-gross-ton class. By type of construction the 217 vessels were 131 wooden, 50 steel, and 36 plastic.

Two new large seiners with a combined carrying capacity of 1,480 tons and two modern bait boats with a combined carrying capacity of 146 tons joined the tuna fleet in 1967. More new tuna vessels were under construction in 1967 than in any other recent year--20 large vessels were in various stages of completion, construction, or planning. The vessels to be constructed ranged from 465 to 1,000 tons in carrying capacity. Losses during the year were three tuna seiners with a combined carrying capacity of 982 tons and one bait vessel with a carrying capacity of 80 tons. The California tuna fleet at the end of 1967 had 11 regular purse seiners, 30 clipper-bait boats, and 94 new and converted purse seiners. The total carrying capacity was about 39,286 tons.

Tuna. Landings of tuna were 314.7 million pounds worth \$41.9 million--a gain of 58.9 million pounds but a decline of \$600,000 compared with the previous year. Increased landings of albacore, skipjack, and yellowfin accounted for the greater volume. The lower value resulted from a decline in the price paid to fishermen for bluefin, skipjack, and yellowfin tuna. Bluefin landings and value declined sharply--the average price per pound was about 3 cents less than in 1966. Landings of skipjack more than doubled the catch of the previous year but the average price per pound decreased slightly more than 3 cents. Yellowfin landings also increased markedly but the average price per pound declined about 4 cents compared with a year ago. Albacore was the only species with a gain in both volume of landings and in the average price paid per pound--the latter increased from 18-1/2 cents in 1966 to nearly 20 cents in 1967.

The albacore production of 48.3 million pounds was 11.4 million more than in 1966. The record 29.2 million pounds landed in Oregon accounted for 60 percent of the Pacific coast catch. California landings of 17.9 million pounds were slightly less than in the previous year and the smallest catch since 1947. For the fifth consecutive year, no commercial landings of albacore were made in California during June. In July, landings of 1.1 million pounds were the smallest since 1941. Early in July the exvessel price for grade "A" fish was established at \$390 per ton. In August, the price increased to \$400 per ton and did not change for the rest of the season. Albacore first appeared off the coasts of Washington and Oregon about mid-July, and fishermen made excellent catches within a few days. During August, high water temperatures and rough seas tended to scatter the schools, but by mid-September the fish were abundant again. Most of the catch was taken to Oregon ports because the northern fishery was centered off Oregon and the Washington coast had no canneries. Cannery prices ranged from \$370 per ton at coastal ports to \$410 per ton at Columbia River plants.

Bluefin landings of 13.7 million pounds were 21.4 million less than in 1966. The first sizeable catches were made toward the end of June--some of the purse seine fleet averaged 12 to 20 tons per day. Much of the early bluefin production was taken in waters generally west of San Clemente Island, and southward to waters off the Cortez Bank area. By late August, substantial catches were made off Baja California about 450 miles south of San Diego. Bluefin tuna brought an exvessel price of \$235 per ton from the beginning of the season through July; and \$237 per ton from August through December.

## PACIFIC COAST FISHERIES

Landings of skipjack were 111.2 million pounds—a gain of 60.1 million compared with 1966 and the largest catch since 1958. Yellowfin landings of 141.5 million pounds were 8.9 million more than a year earlier. The skipjack and yellowfin season got under way early in January, and fishermen immediately made sizeable catches. Good to excellent fishing was reported from waters off central Mexico to waters off northern Peru. By the end of January, nine seiners had made complete trips, averaging 11 to 27 days, with near capacity loads. Good fishing continued through June for both skipjack and yellowfin tuna.

The yellowfin fishing season ended June 24, 1967, in accordance with the recommendation of the Inter-American Tropical Tuna Commission which restricted the 1967 quota of yellowfin from eastern tropical Pacific waters to 84,500 short tons. In 1966, the quota was 79,300 short tons. Commission regulations permitted tuna vessels that departed port after the June 24 closure to make an incidental catch of yellowfin tuna not to exceed 15 percent by weight of all marketable fishes taken on a trip. The quota set on yellowfin tuna is part of a conservation program to maintain the population at levels that permit the maximum sustainable harvest.

Exvessel prices paid to members of the American Tunaboat Association for fares sold at auction and to nonmembers for vessel fares not participating in the auction, under terms of an agreement between the Association and the canneries were: yellowfin prices during January \$358 per ton for premium fish and \$340.10 (or 5 percent less) for fish under 12 pounds. The 5 percent deduction for yellowfin under 12 pounds continued throughout the year, but only the premium price is quoted here on a monthly basis: February, \$310-328; March, \$290-301; April, \$270-285; May, June, and July, \$265; August, \$265-269; and September through December, \$267. Skipjack prices in January were: Premium \$293, and \$233 for fish under 6 pounds. February, \$260-270, and \$210-225 for fish under 6 pounds; March, \$231-250, and \$190-200 for fish under 6 pounds; April, \$210-225, and \$180-190 for fish under 6 pounds; May through July, \$205, and \$175 for fish under 6 pounds; August, \$205-209, and \$175-179 for fish under 6 pounds; September through December, \$205, and \$175 for fish under 6 pounds.

In California, prices for domestic-caught tuna declined sharply in 1967, and tuna fishermen, both vessel owners and crew members, formed ATSA (American Tuna Sales Association) in an attempt to hold prices at a certain level. ATSA was established solely to market the catch of U.S. tuna vessels. One of the first actions of the group was to call for an "empty boat" auction. When this method is used, the owner sells the catch before the vessel leaves port. The vessel then delivers the catch to the purchaser (at the selling price agreed upon) when it returns from the completed fishing trip—regardless of the price existing when the vessel returns. From October 1967 to the end of the year, California canneries resisted this method of selling.

Salmon. Landings of 216.7 million pounds worth \$48.5 million were 170.8 million pounds (44 percent) and \$24.9 million (34 percent) less than in 1966. The catch was one of the smallest on record.

Principal cause of the decline was the Alaska production of 138.5 million pounds—a decrease of 194.8 million (58 percent) compared with the previous year, and the smallest harvest since 1900. The value of the landings (\$24.6 million) was \$29.6 million (55 percent) less than in 1966. All species in Alaska except chinook declined in both volume and value. Chinook landings of 11.7 million pounds were 2.3 million more than a year earlier. The increase resulted from improved gill net catches in the Yukon and Kuskokwim Rivers of western Alaska. Landings of troll-caught chinook (4.2 million pounds) were about the same as in 1966. Landings of chum salmon (31.5 million pounds) were 20.7 million pounds less than in the previous year: the production in central Alaska (9.6 million pounds) and southeastern Alaska (17.4 million pounds) declined about 10 million pounds in each region. Western Alaska landings of 4.5 million pounds were about the same as in 1966. Pink salmon landings in Alaska were 28.8 million pounds—a sharp decline from the 162.9-million-pound production of 1966, and the smallest catch since 1906 when records of individual salmon species were first begun. The production was considerably less than the 10-year average of 104.9 million pounds for the 1957-66 period, and far less than the record 345.2 million pounds taken in 1941. Southeastern Alaska landings of pink salmon (14 million pounds) declined nearly 76 million; central Alaska landings (14.7 million pounds), 50.2 million; and western Alaska landings (136,600 pounds), almost 8 million pounds compared with 1966. The Alaska red salmon harvest of 53.5 million pounds was 39.2 million less than in the previous year and the sixth smallest catch on record. The greatest decline was in western Alaska where only 28.6 million pounds were taken—compared with 58.3 million in 1966. The Bureau, the Alaska Department of Fish and Game, and the Fisheries Research Institute had predicted a run of 13.7 million red salmon to Bristol Bay in 1967. The prediction came fairly close to the estimated count of 10.2 million fish. Silver salmon landings in Alaska of 13 million pounds were 3.1 million less than a year earlier. A slight increase of 303,100 pounds in western Alaska was more than offset by a decline in southeastern and central landings.

# PACIFIC COAST FISHERIES

Salmon production in both Washington and Oregon was greater than in the previous year. Compared with 1966, Washington landings of 53.4 million pounds worth \$14 million increased 21 million pounds and \$3.5 million; and Oregon landings of 17.4 million pounds worth \$6 million increased 5 million pounds and \$2 million.

The increased Washington production was the result of the 21.7-million-pound landings of pink salmon in the cycle year. A good catch had been expected, and the run of about 10.7 million fish to convention waters allowed a catch of about 8 million pinks--somewhat better than the 7 million predicted by the International Pacific Salmon Fisheries Commission. The return of pink salmon to the Fraser River system, including an excellent high-seas catch by the troll fishery, was estimated at 12 million fish--the best in 20 years and nearly seven times the 1965 cycle year. Red salmon landings in Washington were 12.4 million pounds--a gain of 3.1 million compared with 1966. The red or sockeye run to the Fraser River system was somewhat more than the preseason estimate of 3.8 million fish; the actual catch by United States and Canadian fishermen was nearly 4 million fish. The main runs of both pink and red salmon arrived at the same time, and the volume of fish to be canned became so great that the Puget Sound canneries shipped several tender and truck loads to canneries at Astoria, Oreg.

The Washington production of silver salmon (10.5 million pounds) declined 2.3 million compared with the previous year; however, Oregon landings (11.4 million pounds) were 2.7 million greater. Compared with 1966, the Washington catch of silver salmon by trollers (7 million pounds) increased more than 750,000 pounds, but the gill net catch of 2.7 million pounds declined 2.1 million pounds. The Columbia River gill net fishery (Washington and Oregon) produced 3.8 million pounds of silver salmon--second only to the record 4.4 million caught in the previous year. The ocean troll catch of silvers in Oregon was the best on record with 8.3 million pounds--3.1 million more than a year ago.

Chinook salmon production in Oregon was 4.7 million pounds--a gain of nearly 1 million compared with 1966. Washington chinook landings of 5.9 million pounds were about the same as a year ago. During the winter season (February 15 to March 1) the combined Washington and Oregon catch on the Columbia River increased 55 percent compared with the average winter chinook catch in recent years. Chum salmon landings in Washington were 2.9 million pounds--1.3 million less than in 1966. The Oregon production continued to be negligible.

In 1967, both Washington and Oregon continued with State and federal salmon rearing programs, which involved improved management procedures: the expansion of hatchery and other methods of artificial propagation brought increasingly encouraging results.

California salmon landings were 7.4 million pounds--a decline of 2 million pounds compared with the previous year. Chinook landings of 4 million pounds accounted for the decline because they were less than one-half the 1966 production. The silver salmon harvest increased from 1.1 million pounds in 1966 to 3.4 million in 1967. Exvessel prices averaged about 53 cents per pound. The ocean troll salmon fishery for chinook and silver salmon opened in California on April 15 and closed on September 30.

**Halibut.** Halibut landings by the combined United States and Canadian fleets were 55.5 million pounds (dressed weight)--6.8 million pounds less than in the previous year. For the first time in 4 years, landings made by United States fishermen exceeded those of the Canadian fleet. U.S. landings of 29.9 million pounds were 54 percent of the 1967 production. It was the first time since 1947 that fishermen did not reach the catch quota set by the International Pacific Halibut Commission. The smaller harvest resulted partly from a tie-up of the Canadian fleet during May, a month of high production, and partly from a sharp decline in exvessel prices that caused many fishermen to pursue the more profitable fisheries for salmon and tuna. In 1967, only 253 vessels operated in the U.S. halibut fleet--compared with 291 in the previous year.

U.S. Pacific halibut landings of 39.8 million pounds (round weight) were worth \$6.4 million--a decline of 548,000 pounds and \$3.3 million compared with 1966. Principal cause of the price decline were imports of flounders from eastern Canada sold as "Greenland halibut" at about one-third the price of Pacific halibut. Alaska landings of 27.2 million pounds worth \$4

## PACIFIC COAST FISHERIES

million were 68 percent of the volume and 63 percent of the value of the U.S. halibut production. The exvessel value in Alaska averaged 15 cents per pound (round weight basis)--compared with 23 cents in 1966. Landings of halibut at Washington ports were 12.5 million pounds worth \$2.4 million--5.7 million pounds and \$524,000 more than a year ago. Exvessel prices for halibut in Washington averaged 19 cents per pound (round weight basis)--8 cents less than in the previous year. The marked difference in exvessel price between Alaska and Washington ports in 1967 caused a number of fishermen to divert their fares from Alaska to Washington and accounted largely for the gain in Washington halibut landings.

Bonito. Bonito landings were a record 21.2 million pounds worth \$891,000--an increase of 2.1 million pounds and \$130,000 compared with the previous year. Fishing was good throughout the year, and an abundance of fish off San Clemente Island stimulated mackerel seiners to fish for bonito during July, August, and September. The exvessel price remained at \$35 per ton--the same price received by fishermen since October 1966.

Mackerel. In California, the only Pacific Coast State with a mackerel fishery, the combined landings of Pacific and jack mackerel were 39.4 million pounds worth \$1.5 million--a decline of 6.2 million pounds and \$94,000 compared with the previous year. Jack mackerel landings (38.2 million pounds) were the smallest since 1959, and Pacific mackerel landings (1.2 million pounds) were the smallest since 1926. Some of the decline in production may have resulted from the considerable diversions of mackerel fishermen to the anchovy fishery from January to April, the bluefin tuna fishery from June to August, and the bonito fishery from July to September. Another factor in the catch decline was the loss of fishing time from mid-October to early December when the fleet was tied-up because of contract negotiations between fishermen and vessel owners. The new contract signed in December provided for a yearly minimum tonnage per vessel of 1,200 tons of mackerel and 350 tons of bonito; and for a continuation of the same exvessel prices in effect when negotiations began--\$75 per ton for jack, Pacific, and mixed mackerel.

Pacific sardines. Pacific sardine landings of 149,000 pounds were the smallest ever recorded. The record catch of 1.5 billion pounds was made in 1936, and since that time the sardine fishery has been on a downward trend, declining sharply in the last 20 years. Early in 1967, the California State Legislature enacted a law establishing a 2-year moratorium on fishing for sardines in California waters, excepting only a 15 percent tolerance for sardines taken incidental to the catch of other fish.

Anchovies. Anchovy landings of 69.6 million pounds were 7.3 million more than in the previous year, and second only to the 1953 record production of 86 million. It was the third consecutive year for the experimental anchovy reduction season. The 1967-68 season began September 15, 1967 and ended May 15, 1968. It allowed 30 days more fishing time than the previous season. The California Fish and Game Commission made several new regulations for the 1967-68 season. They established four inshore zones with a maximum catch quota of 5,000 tons each and set a catch quota of 45,000 tons in the southern zone and 10,000 tons in the northern zone. The 75,000-ton limit for the entire fishery remained the same as in the previous season. The Commission also reduced the tolerance limit of undersized fish (under 5 inches long) from 25 percent to 15 percent. The southern California anchovy fleet was inactive from September 15 to the end of the year because of a price dispute between vessel owners and reduction plant operators.

Otter trawl fishery. Landings of otter trawl-caught fish, except hake and shrimp, were 105.1 million pounds worth \$6.5 million--a decline of 12.3 million pounds and almost \$500,000 compared with the previous year. The Washington and Oregon production declined substantially, but the California yield was only slightly less than a year ago. The smaller harvest was the result principally of uncertain market conditions and of a 2-month tie-up of the Washington otter trawl fleet because of a price dispute.

Hake. Landings were 28.8 million pounds--17 million more than in 1966--but considerably less than the 200-million-pound potential harvest indicated by the Bureau's explorations in the previous year. Fishermen caught 19.2 million pounds of hake in Washington coastal waters and 9.6 million in Puget Sound. The reduction plant at Aberdeen, Wash., paid \$16 per ton for hake. In addition, the Bureau chartered vessels during June and July to determine the economic feasibility of a commercial fishery for hake. The Bureau's Exploratory Fishing and Gear Research Base developed a modified midwater otter trawl known as the Universal trawl that can be used both in midwater or on the bottom. The trawl proved to be very effective because hake are often found near the bottom. The Bureau supplied experimental otter trawls, and fishermen made good catches in July; however, it appeared doubtful that the fishermen would fish hake for \$16 per ton without the additional charter income.

King crabs. Landings of king crabs in Alaska were 127.7 million pounds worth \$15 million--a decline of 31.5 million pounds (20 percent) and \$701,000 (4 percent) compared with the record volume and value of the previous year. Production in the Kodiak area was 63 million pounds--compared with 91 million in 1966. It appeared that the resource there has been so depleted that only the annual crop of maturing male crabs is available. King crab landings in the Aleutian Islands were around 40 million pounds--about the same as a year ago. Landings on the north side of the Alaska Peninsula were 3.4 million pounds and on the south side, 16.8 million. In addition, fishermen took 1.6 million pounds of king crabs from the Bering Sea and nearly 3 million from other locations. Alaska fishermen are ranging farther each year in search of king crabs.

Dungeness crabs. Landings were 42.4 million pounds worth \$6.7 million--2.7 million pounds and \$1.1 million more than in the previous year, and the third largest harvest on record. The Alaska production of 11.6 million pounds worth \$1.5 million was 6.5 million pounds (130 percent) and \$901,000 (149 percent) greater than in 1966. Contributing to the increased Alaska landings was (1) the discovery of large stocks of Dungeness crabs off Trinity Island southwest of Kodiak and (2) greater fishing effort as fishermen turned from the dwindling supply of king crabs to the more abundant supply of Dungeness crabs. Compared with 1966, landings in Washington (9.5 million pounds) declined 2.2 million pounds; Oregon (9.6 million), 923,000 pounds; and California (11.7 million pounds), 659,000 pounds.

Shrimp. Landings of shrimp were a record 54.5 million pounds worth a record \$3 million--20 million pounds and \$1.1 million more than in 1966, the former record year. Production was greater in all States. Alaska landings of 41.8 million pounds worth \$1.7 million increased 48 percent and 32 percent, respectively, compared with the previous year. New developments in shrimp processing, refinements in fishing gear, and a steady market contributed to the gain in volume. Compared with 1966, shrimp landings in Washington (1.1 million pounds) increased 726,000 pounds; in Oregon (10.2 million), 5.5 million pounds; and in California (1.4 million pounds), 207,000 pounds. Three vessels trawled for shrimp along the Washington coast compared with two a year earlier; and 41 vessels trawled for shrimp on the Oregon coast, compared with 26 in the previous year. Shrimp were canned in four plants in Alaska, one in Washington, and two in Oregon. In 1967, Oregon plants packed more than 1.2 million pounds of fresh or frozen shrimp meat.

Oysters. Landings of 7.7 million pounds of oyster meats were worth \$3.2 million--a decline of 88,000 pounds but a gain of \$426,000 compared with the previous year. A smaller harvest of Pacific oysters accounted largely for the catch decline. Washington led with a production of 6.5 million pounds worth \$2.8 million--85 percent of the volume and 87 percent of the value. California had 10 percent of the quantity and 7 percent of the value. Oregon and Alaska supplied the rest. Although the available quantity of fresh shucked oysters declined, production of both canned oysters and oyster stew increased as processing plants continued the practice begun in former years of using imported oysters. In 1967, frozen oysters were imported from Japan and fresh oysters from British Columbia.

High-seas fishery. Pacific Coast fishermen landed 313.6 million pounds of fish taken on the high seas off coasts of foreign countries--28 percent of the total Pacific coast catch. The tuna catch taken off Central and South America (264.5 million pounds) was 47 million pounds more than in the previous year; it was 66 percent of the total U.S. landings off foreign coasts and 84 percent of the Pacific catch off foreign coasts. Searching the ocean from the Bering Sea to the waters off Peru and into the tropical Atlantic, Pacific Coast fishermen range farther for their catch than fishermen in any other U.S. area.

Whales. During the whaling season the Del Monte Fishing Company operated the only remaining whaling station in the United States. The Company, using the three catcher boats Allen Cody, Dennis Gayle, and Donna Mae, took 247 whales--98 under regular permit and 149 (99 gray and 50 sperm whales) under Special Scientific Permits-1967-1 and 3 issued to the Director, Bureau of Commercial Fisheries, Marine Mammal Laboratory, Seattle, Wash. The parts of the carcasses not used for scientific studies were given to the Del Monte Fishing Company for utilization.

The whale carcasses (excluding the meat) were taken to the Pacific Rendering Company, San Francisco, Calif., for processing into meal and oil. The entire catch was processed into 2.2 million pounds of meal, 2.5 million pounds of oil, and 1.9 million pounds of meat (for use as canned or frozen animal food). These products were valued at \$435,000 to the producer--an increase of \$3,000 compared with 1966.

# PACIFIC COAST FISHERIES

Transportation. Transportation systems and methods are changing rapidly in Alaska. New handling methods, both fast and economical, enable plants to send frozen fish to market by van and fresh fish by air with little or no delay. The plants no longer need large cold storage facilities but instead require only a freezer to bring the product to the desired temperature. Then it can be placed aboard refrigerated vans for storage until a complete load is ready for shipment. Shipments can be scheduled readily because van ships make a round trip between Seattle, Wash., and all major ports in Alaska once a week. Commercial air carrier systems in Alaska are growing rapidly. Mergers are consolidating many of the small air carriers into three or four major airlines--resulting in better schedules and more efficient aircraft. The large jets now flying in Alaska can carry tremendous cargos, and the airlines try to make full use of this capacity. Manufacturers of containers have recently developed new types of light-weight insulated and leakproof shipping boxes which nest easily for primary shipment to the processor. These containers have eliminated a major bottleneck to the air shipment of fishery products. Fresh fish can now be shipped economically from Alaska to all parts of the world and arrive in prime condition.

Regulations. Commercial fishery regulation changes in Alaska during 1967 were directed almost entirely at limiting the amount of gear and effort in the Bristol Bay salmon fishery. From 1960 to 1966, the number of vessels and gill nets in Bristol Bay had increased nearly 100 percent and the number of set nets, almost 300 percent. This increase in gear and fishing effort came at a time when discouraging predictions were being made regarding the salmon runs to Bristol Bay during the next few years. To help prevent overfishing, the State Fish and Game Department in 1967 issued a moratorium on the number of salmon gill net licenses that could be sold in Alaska in the following year. The number of licenses was limited to the same number issued in 1967. The Department also set up a sliding scale for gear by which the amount of gear individual fishermen could use on Bristol Bay in any year would be based on total gear registrations and the estimated allowable catch for that year.

In Washington, the State fisheries agencies tried to regulate the Indians fishing the Columbia River and various streams. Early in the year, the Washington State Supreme Court ruled that the State had authority to regulate Indian fishing in waters off the reservations--a ruling strongly protested by the Indians throughout the year. On the Columbia River, the Yakima tribe made their own regulations and set seasons that did not conform to those set by the State. In July, the Department of the Interior intervened with an announcement that the Secretary of the Interior would set Indian fishing regulations whenever State and tribal rules conflicted.

Bureau activities. The Bureau merged its two research laboratories at La Jolla, Calif., (the California Current Resources Laboratory and the Tuna Resources Laboratory) into the Fishery-Oceanography Center. Several studies of especial interest to the fishing industry centered there during 1967. One study known as EASTROPAC, an oceanographic study of the eastern tropical Pacific, is a cooperative effort being made by federal, State, university, and industry organizations. The program began in late 1966, extended through 1967, and was scheduled to continue into 1968. Oceanographic vessels and scientists from many laboratories were engaged in the project. Information gathered from EASTROPAC is expected to greatly increase knowledge on climatic variations in the region and their influence on the fishery resources, especially the tropical tunas. It should provide information for the future expansion of the skipjack fishery to the westward of traditional tuna fishing areas.

Another study made by Bureau scientists at La Jolla concerned the possible development of a new tuna purse seine. Two model purse seines scaled down to one-quarter of full size were constructed and tested. One was a replica of the standard tuna seine; the other was experimental and featured new designs. The newly designed purse seine produced better underwater configuration, offered less of an opening for fish to escape during the pursing operation, and sank faster and deeper than the seine in current use. The Bureau is hopeful that the seine, with some modification, may assist in the eventual expansion of the eastern Pacific skipjack fishery.

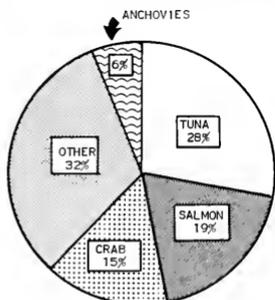
In 1967, the ocean information service provided for West Coast albacore fishermen continued to expand. The service, which began with sea surface temperature charts and pre-season predictions for the albacore fishery, added a daily radio advisory service, a continuously updated analysis of the seasonal progress of the fishery, and special bulletins reporting changes in the ocean environment and their probable effect on the abundance and distribution of albacore tuna.

# PACIFIC COAST FISHERIES

Other information. Condensed summary data on the operating units and landings by States for the Pacific Coast Fisheries appearing on the following pages have been previously published in Current Fishery Statistics No. 5082. 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 offices in Terminal Island, Calif., and Seattle, Wash.

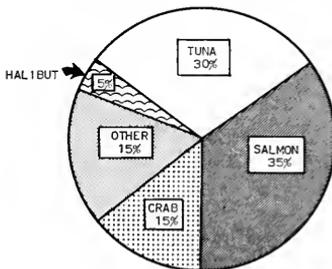
Acknowledgments. The following organizations helped collect the data appearing in this section: Alaska Department of Fish and Game, Washington Department of Fisheries, Oregon Fish Commission, and California Department of Fish and Game.

## PACIFIC COAST LANDINGS, 1967



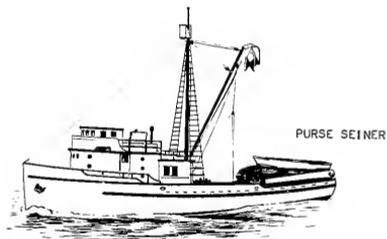
1,134,735,000 pounds

## VALUE OF PACIFIC COAST LANDINGS, 1967



\$140,377,000

# PACIFIC COAST FISHERIES

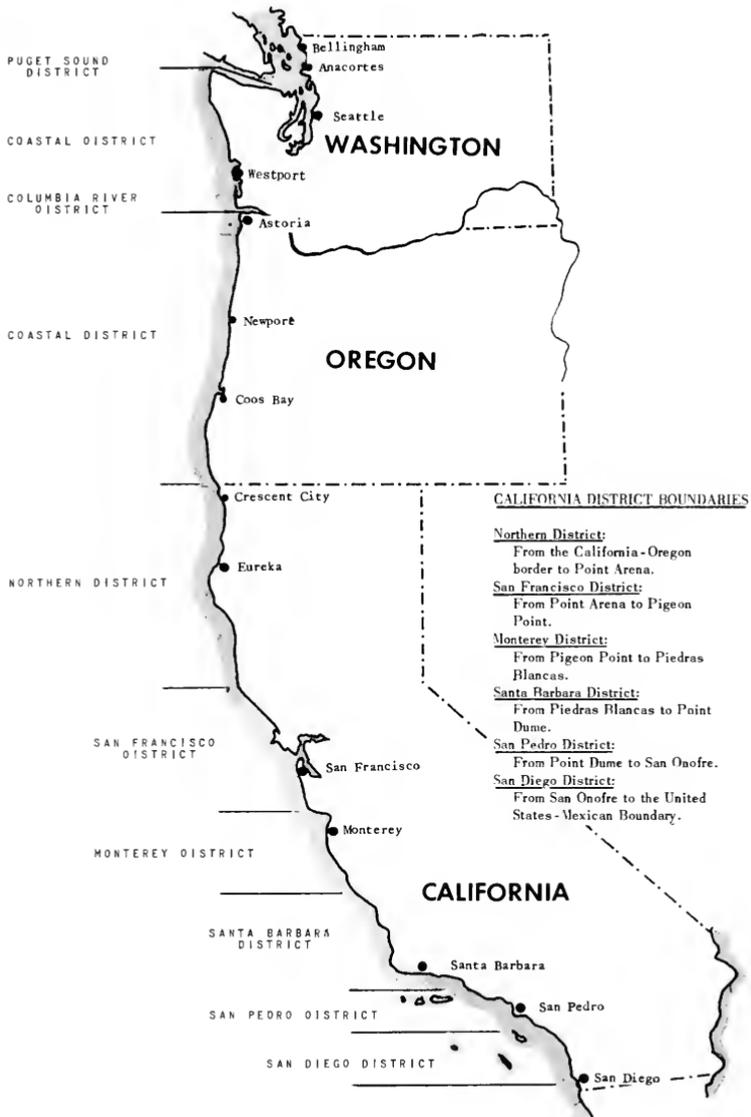


## PACIFIC COAST STATES



# PACIFIC COAST FISHERIES

## PACIFIC COAST STATES - Continued



# PACIFIC COAST FISHERIES

## SECTIONAL SUMMARIES

### SUMMARY OF LANDINGS, 1967

(MILLIONS OF POUNDS AND MILLIONS OF DOLLARS)

STATE	FISH		SHELLFISH, ETC.	
	QUANTITY	VALUE	QUANTITY	VALUE
ALASKA . . . . .	179	29	182	19
WASHINGTON . . . . .	157	20	18	5
OREGON . . . . .	72	13	20	3
CALIFORNIA . . . . .	465	47	35	4
TOTAL . . . . .	873	109	255	31

STATE	WHALE PRODUCTS		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE
ALASKA . . . . .	-	-	361	48
WASHINGTON . . . . .	-	-	175	25
OREGON . . . . .	-	-	92	16
CALIFORNIA . . . . .	7	(1)	507	51
TOTAL . . . . .	7	(1)	1,135	140

1/ LESS THAN \$500,000.

### SUMMARY OF OPERATING UNITS, 1967

ITEM	ALASKA	WASHINGTON	OREGON	CALIFORNIA	TOTAL, EXCLUSIVE OF DUPLI- CATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
<b>FISHERMEN:</b>					
ON VESSELS . . . . .	8,157	4,389	2,689	6,520	17,506
ON BOATS AND SHDRE . . . . .	10,015	5,706	1,886	3,302	20,909
TOTAL . . . . .	18,172	10,095	4,575	9,822	38,415
<b>VESSELS, MOTOR . . . . .</b>	2,169	1,412	1,083	1,848	5,076
GROSS TONNAGE . . . . .	60,685	32,987	27,872	83,925	164,022
<b>BOATS:</b>					
MOTOR . . . . .	7,776	3,089	1,553	2,317	14,573
OTHER . . . . .	-	226	15	-	241
<b>GEAR:</b>					
HAUL SEINES . . . . .	-	101	4	6	111
LENGTH, YARDS . . . . .	-	8,600	400	2,500	11,500
PURSE SEINES AND LAMPARA NETS:					
ANCHOVY . . . . .	-	-	-	67	67
LENGTH, YARDS . . . . .	-	-	-	33,615	33,615
HERRING . . . . .	19	6	-	-	25
LENGTH, YARDS . . . . .	8,100	2,550	-	-	10,650
MACKEREL AND SARDINE . . . . .	-	-	-	67	67
LENGTH, YARDS . . . . .	-	-	-	35,130	35,130
SALMON . . . . .	1,073	345	-	-	1,222
LENGTH, YARDS . . . . .	445,200	184,900	-	-	553,200
SQUID . . . . .	-	-	-	9	9
LENGTH, YARDS . . . . .	-	-	-	3,875	3,875
TUNA . . . . .	-	-	-	137	137
LENGTH, YARDS . . . . .	-	-	-	102,740	102,740
OTHER . . . . .	-	-	-	8	8
LENGTH, YARDS . . . . .	-	-	-	2,760	2,760
<b>BEAM TRAWLS:</b>					
SHRIMP . . . . .	20	2	-	-	22
YARDS AT MOUTH . . . . .	220	16	-	-	236
OTHER . . . . .	1	-	-	-	1
YARDS AT MOUTH . . . . .	11	-	-	-	11
<b>DOTTER TRAWLS:</b>					
FISH . . . . .	8	101	46	88	230
YARDS AT MOUTH . . . . .	120	2,198	1,007	2,376	5,422
SHRIMP . . . . .	36	3	45	37	109
YARDS AT MOUTH . . . . .	570	57	855	555	1,827
MID-WATER TRAWLS . . . . .	-	14	-	-	14
YARDS AT MOUTH . . . . .	-	583	-	-	583
BRUSH WEIRS . . . . .	-	1	-	-	1
POUND NETS . . . . .	4	2	-	-	2
FLOATING TRAPS . . . . .	-	-	-	-	4
POTS AND TRAPS:					
CRAB:					
DUNGENESS . . . . .	13,100	23,150	26,800	30,976	91,695
KING . . . . .	28,771	-	-	-	28,771
OTHER . . . . .	3,606	-	-	-	3,606

(CONTINUED ON NEXT PAGE)

# PACIFIC COAST FISHERIES

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## SUMMARY OF OPERATING UNITS, 1967 - Continued

ITEM	ALASKA	WASHINGTON	OREGON	CALIFORNIA	TOTAL, EXCLUSIVE OF DUPLI- CATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
GEAR - CONTINUED:					
POTS AND TRAPS - CONTINUED:					
CRABFISH . . . . .	-	-	270	-	270
FISH . . . . .	-	-	-	215	215
LOBSTER, SPINY . . . . .	-	-	-	15,565	15,565
OCTOPUS . . . . .	-	150	-	75	225
SHRIMP . . . . .	1,490	300	-	-	1,790
GILL NETS:					
ANCHOR, SET OR STAKE:					
SALMON . . . . .	1,890	305	100	-	2,295
SQUARE YARDS . . . . .	1,303,000	79,500	35,000	-	1,417,500
OTHER . . . . .	40	-	125	-	165
SQUARE YARDS . . . . .	12,000	-	31,000	-	43,000
DRIFT:					
BARRACUDA . . . . .	-	-	-	10	10
SQUARE YARDS . . . . .	-	-	-	34,300	34,300
SALMON . . . . .	3,965	1,313	570	-	5,774
SQUARE YARDS . . . . .	3,992,000	6,800,750	1,740,000	-	12,363,750
SEA BASS . . . . .	-	-	-	79	79
SQUARE YARDS . . . . .	-	-	-	272,150	272,150
SHAD . . . . .	-	-	36	-	36
SQUARE YARDS . . . . .	-	-	72,000	-	72,000
OTHER . . . . .	-	20	60	15	80
SQUARE YARDS . . . . .	-	18,000	54,000	51,500	109,500
TRAMMEL NETS . . . . .	-	-	-	16	16
SQUARE YARDS . . . . .	-	-	-	79,200	79,200
LINES:					
HAND:					
ROCKFISHES . . . . .	-	28	-	714	742
HOOKS . . . . .	-	56	-	1,428	1,484
TUNA:					
ALBACORE . . . . .	-	-	338	717	794
HOOKS . . . . .	-	-	338	717	794
YELLOWFIN AND SKIPJACK . . . . .	-	-	-	388	388
HOOKS . . . . .	-	-	-	388	388
OTHER . . . . .	-	-	-	152	152
HOOKS . . . . .	-	-	-	304	304
TROLL:					
ALBACORE . . . . .	-	758	5,566	9,873	13,887
HOOKS . . . . .	-	758	5,566	9,873	13,887
SALMON . . . . .	5,644	8,158	6,764	12,234	29,088
HOOKS . . . . .	34,264	35,218	31,000	48,936	135,116
OTHER . . . . .	-	32	-	252	284
HOOKS . . . . .	-	64	-	252	316
LONG OR SET WITH HOOKS . . . . .	7,944	3,146	132	860	9,621
HOOKS . . . . .	680,340	295,590	12,320	86,000	845,510
DIP, BRAIL, OR SCOOP NETS . . . . .	5	148	25	91	269
REEF NETS . . . . .	-	63	-	-	63
WHEELS . . . . .	8	-	-	-	8
HARPOONS:					
SWORDFISH . . . . .	-	-	-	44	44
WHALE . . . . .	-	-	-	3	3
DREDGES:					
CLAM . . . . .	-	1	-	-	1
YARDS AT MOUTH . . . . .	-	1	-	-	1
OYSTER:					
COMMON . . . . .	-	62	6	4	72
YARDS AT MOUTH . . . . .	-	124	12	4	140
SUCTION . . . . .	-	2	-	1	3
SCALLOP, SEA . . . . .	2	-	-	-	2
YARDS AT MOUTH . . . . .	16	-	-	-	16
TONGS, OYSTER . . . . .	-	-	-	33	33
SHOVELS . . . . .	58	1,778	180	3	2,019
DIVING OUTFITS, ALONE . . . . .	-	-	-	276	276

## PACIFIC COAST FISHERIES

## LANDINGS BY STATES, 1967

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	ALASKA		WASHINGTON		OREGON	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
FISH						
ARCTIC CHAR . . . . .	5	1	-	-	-	-
CARP . . . . .	-	-	933	5	-	-
COD . . . . .	-	-	8,702	460	453	22
FLOUNDERS:						
"SOLE" . . . . .	-	-	11,067	828	13,011	849
UNCLASSIFIED . . . . .	-	-	1,338	66	432	16
HAKE . . . . .	-	-	28,786	233	18	(2)
HALIBUT . . . . .	27,156	4,011	12,495	2,378	126	23
HERRING, SEA . . . . .	11,497	172	6,447	206	83	21
LAKE TROUT . . . . .	3	1	-	-	-	-
LINGCOD . . . . .	-	-	6,365	346	1,244	60
NORTHERN PIKE . . . . .	(2)	(2)	-	-	-	-
OCEAN PERCH . . . . .	-	-	13,719	777	1,707	84
PERCH . . . . .	-	-	163	19	2	(2)
POLLOCK . . . . .	-	-	96	2	-	-
RATFISH . . . . .	-	-	1,025	6	-	-
ROCKFISHES . . . . .	251	19	7,322	397	4,767	232
SABLEFISH . . . . .	2,087	201	541	60	647	65
SALMON:						
CHINOOK OR KING . . . . .	11,633	3,100	5,941	2,400	4,655	1,768
CHUM OR KETA . . . . .	31,518	3,083	2,933	790	6	1
PINK . . . . .	28,822	3,241	21,664	2,837	1,235	200
RED OR SOCKEYE . . . . .	53,522	11,864	12,374	4,185	117	44
SILVER OR COHO . . . . .	13,022	3,343	10,462	3,778	11,356	3,954
TOTAL SALMON . . . . .	138,517	24,631	53,374	13,990	17,371	5,967
SHAD . . . . .	-	-	257	16	1,076	84
SHARKS:						
GRAYFISH . . . . .	-	-	1,253	8	-	-
UNCLASSIFIED . . . . .	-	-	1	(2)	-	-
TOTAL SHARKS . . . . .	-	-	1,254	8	-	-
SHEEPFISH . . . . .	3	1	-	-	-	-
SKATES . . . . .	-	-	344	4	127	3
SMELT:						
EULACHON . . . . .	30	4	774	81	226	33
SURF OR SILVER . . . . .	-	-	264	24	4	(2)
STEELHEAD TROUT . . . . .	26	6	193	56	425	112
STRIPED BASS . . . . .	-	-	-	-	32	4
STURGEON, COMMON . . . . .	-	-	261	25	158	18
TOMCOD . . . . .	-	-	210	4	-	-
TUNA:						
ALBACORE . . . . .	-	-	1,240	250	29,243	5,860
SKIPJACK . . . . .	-	-	-	-	210	21
YELLOWFIN . . . . .	-	-	-	-	17	2
TOTAL TUNA . . . . .	-	-	1,240	250	29,470	5,883
WHITEFISH . . . . .	16	4	-	-	-	-
TOTAL FISH . . . . .	179,591	29,051	157,170	20,243	71,381	13,476
SHELLFISH, ETC.						
CRABS:						
DUNGENESS . . . . .	11,598	1,507	9,501	1,560	9,621	1,554
KING . . . . .	127,716	14,970	-	-	-	-
TANNER . . . . .	118	12	-	-	-	-
TOTAL CRABS . . . . .	139,432	16,489	9,501	1,560	9,621	1,554
CRAWFISH, FRESH-WATER	-	-	-	-	6	3
SHRIMP . . . . .	41,813	1,700	1,059	96	10,155	1,041
ABALONE . . . . .	4	5	-	-	-	-
CLAMS:						
HARD . . . . .	-	-	295	140	-	-
RAZOR . . . . .	60	30	172	108	51	35
MIXED . . . . .	-	-	-	-	6	4
TOTAL CLAMS . . . . .	60	30	467	248	57	39
OCTOPUS . . . . .	(2)	(2)	32	4	-	-

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

# PACIFIC COAST FISHERIES

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## LANDINGS BY STATES, 1967 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	ALASKA		WASHINGTON		OREGON	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
SHELLFISH, ETC. - CONTINUED						
OYSTERS, MARKET:						
PACIFIC . . . . .	45	25	6,497	2,630	411	169
WESTERN . . . . .	-	-	43	138	1	2
TOTAL OYSTERS . . . . .	45	25	6,540	2,768	412	171
SCALLOPS, SEA . . . . .	1	1	-	-	-	-
SQUID . . . . .	-	-	1	(2)	-	-
KELP (WITH HERRING EGGS) . . . . .	399	469	-	-	-	-
TOTAL SHELLFISH, ETC.	161,754	18,739	17,600	4,676	20,251	2,808
GRAND TOTAL . . . . .	361,345	47,790	174,770	24,919	91,632	16,284
SPECIES	CALIFORNIA 1/			TOTAL		
FISH	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
ANCHOVIES . . . . .	69,609	701	69,609	701		
ARCTIC CHAR . . . . .	-	-	5	1		
BARRACUOA . . . . .	313	50	313	50		
BONITO . . . . .	21,219	891	21,219	891		
CABEZONE . . . . .	14	1	14	1		
CARP . . . . .	348	28	1,281	33		
COD . . . . .	-	-	9,155	482		
FLOUNDERS:						
ARROWTOOTH HALIBUT . . . . .	6	(2)	6	(2)		
CALIFORNIA HALIBUT . . . . .	3/538	3/227	838	227		
SAND DABS . . . . .	687	57	687	57		
SOLE . . . . .	17,909	1,522	41,987	3,199		
UNCLASSIFIED . . . . .	3/871	3/55	2,641	137		
FLYING FISH . . . . .	47	6	47	6		
GROUPERS . . . . .	190	-	190	41		
HAKE . . . . .	14	(2)	28,818	233		
HALFMOON . . . . .	25	5	25	5		
HALIBUT . . . . .	1	(2)	39,778	6,412		
HARDHEAD . . . . .	219	20	219	20		
HERRING, SEA . . . . .	272	32	18,299	431		
JACK MACKEREL . . . . .	38,194	1,447	38,194	1,447		
KING CROAKER . . . . .	496	39	496	39		
LAKE TROUT . . . . .	-	-	3	1		
LINGCOD . . . . .	939	78	8,548	484		
MACKEREL, PACIFIC . . . . .	1,167	73	1,167	73		
NORTHERN PIKE . . . . .	-	-	(2)	(2)		
OCEAN PERCH . . . . .	-	-	15,426	861		
OPALEYE . . . . .	17	4	17	4		
PERCH . . . . .	202	41	367	60		
POLLOCK . . . . .	-	-	96	2		
POMPANO . . . . .	112	41	112	41		
RAFFISH . . . . .	-	-	1,025	8		
ROCKFISHES . . . . .	9,799	680	23,139	1,328		
SABLEFISH . . . . .	3,798	315	7,073	641		
SALMON:						
CHINOOK OR KING . . . . .	3,952	2,326	26,181	9,594		
CHUM OR KETA . . . . .	-	-	34,459	3,874		
PINK . . . . .	-	-	51,721	6,278		
RED OR SOCKEYE . . . . .	-	-	66,013	16,093		
SILVER OR COHO . . . . .	3,450	1,619	38,290	12,694		
TOTAL SALMON . . . . .	7,402	3,945	216,664	48,533		
SARDINE, PACIFIC . . . . .	149	31	149	31		
SCULPIN . . . . .	83	23	83	23		
SEA BASS:						
BLACK . . . . .	231	41	231	41		
WHITE . . . . .	1,223	343	1,223	343		
SHAD . . . . .	-	-	1,333	100		
SHARKS:						
GRAYFISH . . . . .	-	-	1,253	8		
UNCLASSIFIED . . . . .	597	57	598	57		
TOTAL SHARKS . . . . .	597	57	1,851	65		
SHEEFISH . . . . .	-	-	3	1		
SHEEPSHEAD . . . . .	20	2	20	2		
SKATES . . . . .	169	3	660	10		

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

## PACIFIC COAST FISHERIES

## LANDINGS BY STATES, 1967 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	CALIFORNIA 1/		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE
FISH - CONTINUED				
SMELT:				
EULACHON. . . . .	-	-	1,032	116
SURF OR SILVER. . . . .	592	41	360	65
STEELHEAD TROUT. . . . .	-	-	644	174
STRIPED BASS. . . . .	-	-	32	4
STURGEON, COMMON. . . . .	-	-	419	43
SWORDFISH. . . . .	305	164	305	164
TOMCOD. . . . .	-	-	210	4
TUNA:				
ALBACORE. . . . .	17,858	3,407	48,341	9,517
BLUEFIN. . . . .	13,736	1,667	13,736	1,667
SKIPJACK. . . . .	110,365	11,244	111,166	11,265
YELLOWFIN. . . . .	141,490	19,405	141,507	19,407
TOTAL TUNA. . . . .	284,040	35,723	314,750	41,856
TURBOT. . . . .	73	4	73	4
WAHOO. . . . .	1	(2)	1	(2)
WHITEBAIT. . . . .	200	19	200	19
WHITEFISH. . . . .	-	-	16	4
YELLOWTAIL. . . . .	151	16	151	16
UNCLASSIFIED:				
FOR FOOD. . . . .	11	1	11	1
BAIT AND ANIMAL FOOD. . . . .	2,617	52	2,617	52
TOTAL FISH. . . . .	465,190	46,819	673,332	109,589
SHELLFISH, ETC.				
CRABS:				
DUNGENESS. . . . .	11,717	2,033	42,437	6,654
KING. . . . .	-	-	127,716	14,970
ROCK. . . . .	324	33	324	33
TANNER. . . . .	-	-	118	12
TOTAL CRABS. . . . .	12,041	2,066	170,595	21,669
CRAWFISH, FRESH-WATER. . . . .	-	-	6	3
LOBSTER, SPINY. . . . .	450	388	450	388
SHRIMP. . . . .	1,435	170	54,462	3,007
ABALONE. . . . .	864	860	888	865
CLAMS:				
HARD. . . . .	1	(2)	296	140
RAZOR. . . . .	-	-	283	173
MIXED. . . . .	-	-	6	4
TOTAL CLAMS. . . . .	1	(2)	585	317
OCTOPUS. . . . .	9	1	41	5
OYSTERS, MARKET:				
EASTERN. . . . .	13	38	13	36
PACIFIC. . . . .	729	169	7,632	2,993
WESTERN. . . . .	-	-	44	140
TOTAL OYSTERS. . . . .	742	207	7,739	3,171
SCALLOPS, SEA. . . . .	-	-	1	1
SQUID. . . . .	19,602	438	19,603	438
KELP (WITH HERRING EGGS). . . . .	-	-	399	489
TOTAL SHELLFISH, ETC.	35,164	4,130	254,769	30,353
WHALE PRODUCTS				
MEAL. . . . .	2,224	134	2,224	134
MEAT. . . . .	1,927	154	1,927	154
OIL:				
SPERM. . . . .	964	57	964	57
WHALE. . . . .	1,519	90	1,519	90
TOTAL WHALE PRODUCTS.	6,634	435	6,634	435
GRAND TOTAL. . . . .	506,988	51,384	1,134,735	140,377

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:--CATCH STATISTICS FOR ALASKA, WASHINGTON, AND OREGON ARE SHOWN IN ROUND WEIGHT, WHILE THOSE FOR CALIFORNIA ARE SHOWN IN WEIGHTS AS LANDED, EXCEPT FOR SHELL MOLLUSKS. IN ALL STATES, CLAMS, OYSTERS, AND SCALLOPS ARE REPORTED IN WEIGHT OF TOTAL MEATS; ABALONE, IN WEIGHT OF EDIBLE MEAT. ALASKA DATA INCLUDE THE CATCH OF HALIBUT, SABLEFISH, AND ROCKFISHES LANDED BY U.S. VESSELS AT BRITISH COLUMBIA PORTS.

# PACIFIC COAST FISHERIES

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## PROCESSED FISHERY PRODUCTS, 1967

ITEM		ALASKA		WASHINGTON	
		QUANTITY	VALUE	QUANTITY	VALUE
CHAR, ARCTIC, CANNED (SMOKED) . . .	STANDARD CASES	24	\$1,175	-	-
CODE:					
FILLETS, FRESH AND FROZEN . . . . .	POUNDS	-	-	3,201,631	\$877,224
SALTED . . . . .	00	-	-	(1)	(1)
LUTEFISK . . . . .	00	-	-	(1)	(1)
FLounder FILLETS AND STEAKS, FRESH AND FROZEN . . . . .	00	-	-	2,920,212	1,238,685
HAKE:					
MEAL AND SCRAP . . . . .	TONS	-	-	(1)	(1)
OIL . . . . .	1,000 POUNDS	-	-	(1)	(1)
HALIBUT:					
FRESH AND FROZEN:					
FILLETS . . . . .	POUNDS	924,694	648,833	722,754	467,830
STEAKS . . . . .	00	-	-	4,510,319	2,464,766
CHEEKS . . . . .	00	43,483	17,704	-	-
CANNED, REGULAR . . . . .	STANDARD CASES	191	15,089	-	-
SMOKED . . . . .	POUNDS	-	-	239,300	98,990
HERRING, SEA:					
BAIT, FROZEN . . . . .	00	6,678,555	238,845	-	-
SALTED:					
ROE . . . . .	00	268,903	396,157	-	-
EGGS WITH KELP . . . . .	00	391,002	698,871	-	-
MEAL AND SCRAP . . . . .	TONS	217	36,806	(1)	(1)
OIL . . . . .	1,000 POUNDS	65	3,290	(1)	(1)
LINGCOD:					
FILLETS, FRESH AND FROZEN . . . . .	POUNDS	-	-	1,961,745	517,051
SMOKED . . . . .	00	-	-	(1)	(1)
OCEAN PERCH FILLETS, FRESH AND FROZEN . . . . .	00	-	-	4,714,873	1,296,732
ROCKFISH FILLETS, FRESH AND FROZEN . . . . .	00	-	-	2,103,277	536,255
SABLEFISH:					
FILLETS AND STEAKS, FRESH AND FROZEN . . . . .	00	-	-	20,910	6,263
SALTED . . . . .	00	-	-	82,650	32,270
SMOKED . . . . .	00	280	221	72,220	36,143
SALMON:					
FRESH AND FROZEN:					
FILLETS . . . . .	00	-	-	637,832	578,197
STEAKS . . . . .	00	-	-	585,932	466,159
BAIT . . . . .	00	895,966	60,576	-	-
EGGS FOR BAIT . . . . .	00	42,485	41,780	-	-
CANNED:					
CHINOOK OR KING . . . . .	STANDARD CASES	45,112	1,816,323	7,694	241,073
CHUM OR KETA . . . . .	00	340,896	9,092,549	17,464	433,761
PINK . . . . .	00	329,124	10,057,230	263,546	8,439,186
RED OR SOCKEYE . . . . .	00	662,365	28,901,282	170,535	8,057,064
SILVER OR COHO . . . . .	00	66,509	2,214,133	25,812	850,051
TOTAL . . . . .	00	1,464,006	52,081,517	485,061	18,631,135
SMOKED . . . . .	00	485	40,202	1,168	106,567
EGGS FOR BAIT . . . . .	00	-	-	11,542	1,597,308
SPECIALTIES (PASTE AND SALTED LIVERS) . . . . .	00	-	-	(1)	(1)
SALTED:					
MILD-CURED . . . . .	POUNDS	1,102,980	913,451	1,716,825	1,644,800
PICKLED . . . . .	00	255,105	204,944	-	-
EGGS FOR BAIT . . . . .	00	-	-	29,852	17,581
SPECIALTIES:					
CAVIAR . . . . .	00	6,261,129	7,346,861	461,905	353,818
BELLIES . . . . .	00	-	-	(1)	(1)
SMOKED . . . . .	00	6,894	11,564	721,953	518,293
MEAL AND SCRAP . . . . .	TONS	-	-	(1)	(1)
OIL . . . . .	1,000 POUNDS	-	-	(1)	(1)
SHAD, CANNED:					
FISH . . . . .	STANDARD CASES	-	-	5,815	46,378
ROE . . . . .	00	-	-	1,928	182,248
SPECIALTIES (SMOKED) . . . . .	00	-	-	(1)	(1)
STURGEON:					
CANNED (SMOKED) . . . . .	00	-	-	484	34,390
SMOKED . . . . .	POUNDS	-	-	(1)	(1)
SWORDFISH STEAKS, FRESH AND FROZEN . . . . .	00	-	-	584,773	374,369
TUNA, CANNED:					
ALBACORE, TOTAL . . . . .	STANDARD CASES	-	-	4/126,285	4/1,565,272
SPECIALTIES, SMOKED, CREAMED AND SPREADS . . . . .	00	-	-	35	2,652

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

## PACIFIC COAST FISHERIES

## PROCESSED FISHERY PRODUCTS, 1967 - Continued

ITEM	ALASKA		WASHINGTON	
	QUANTITY	VALUE	QUANTITY	VALUE
CRABS:				
DUNGENESS:				
FRESH AND FROZEN:				
COOKED MEAT . . . . . POUNDS	366,365	\$426,285	1,790,234	\$2,260,086
SECTIONS . . . . . DO	3,776,833	1,405,126	-	-
WHOLE, COOKED . . . . . DO	2,072,980	725,841	-	-
CANNED:				
REGULAR . . . . . STANDARD CASES	12,439	493,213	45,401	1,414,536
SPECIALTIES (COCKTAILS AND SMOKED) . . . . . DO	-	-	(1)	(1)
MEAL AND SCRAP . . . . . TONS	-	-	(1)	(1)
KING:				
FRESH AND FROZEN:				
COOKED MEAT . . . . . POUNDS	16,938,323	20,956,089	(1)	(1)
SECTIONS . . . . . DO	5,149,264	2,781,652	-	-
CANNED, REGULAR . . . . . STANDARD CASES	400,033	13,238,296	(5)	(5)
TANNER:				
FRESH AND FROZEN:				
COOKED MEAT . . . . . POUNDS	1,308	477	-	-
SECTIONS . . . . . DO	36,875	15,329	-	-
CANNED, REGULAR . . . . . STANDARD CASES	241	3,724	-	-
SHRIMP:				
FRESH AND FROZEN:				
RAW, HEADLESS . . . . . POUNDS	5,981,901	4,396,794	-	-
PEELED (INCLUDING DEVEINED):				
RAW . . . . . DO	318,215	388,396	-	-
COOKED . . . . . DO	-	-	(1)	(1)
BREADED, RAW AND COOKED . . . . . DO	-	-	(1)	(1)
CANNED, REGULAR . . . . . STANDARD CASES	372,702	3,002,340	109,990	826,319
ABALONE, SHUCKED MEATS, FRESH . . . . . POUNDS	4,431	7,976	-	-
CLAMS:				
HARD, CANNED:				
WHOLE AND MINCED . . . . . STANDARD CASES	-	-	(1)	(1)
CHOWDER AND JUICE . . . . . DO	-	-	(1)	(1)
SPECIALTIES (IN THE SHELL AND STEW BASE) . . . . . DO	-	-	(1)	(1)
RAZOR:				
FRESH AND FROZEN:				
BAIT . . . . . POUNDS	50,145	20,058	(1)	(1)
SHUCKED . . . . . GALLONS	365	3,050	-	-
CANNED:				
WHOLE AND MINCED . . . . . STANDARD CASES	373	9,910	1,189	34,486
SPECIALTIES (SMOKED) . . . . . DO	-	-	(1)	(1)
OCTOPUS, FROZEN (FOR BAIT) . . . . . POUNDS	190	67	-	-
OYSTERS:				
SHUCKED, FRESH AND FROZEN:				
PACIFIC . . . . . GALLONS	717	10,332	505,830	2,972,787
WESTERN . . . . . DO	-	-	3,622	121,777
BREADED RAW, FROZEN, PACIFIC . . . . . POUNDS	-	-	(1)	(1)
CANNED:				
REGULAR . . . . . STANDARD CASES	-	-	50,061	973,598
SMOKED . . . . . DO	-	-	492	44,494
SPECIALTIES (SOUPS, STEWS, PASTE) FISH AND SHELLFISH . . . . . DO	-	-	193,566	3,400,083
SCALLOPS, SEA, SHUCKED, FRESH . . . . . POUNDS	804	1,511	-	-
UNCLASSIFIED:				
FRESH AND FROZEN PACKAGED FISH:				
STICKS BREADED:				
RAW . . . . . POUNDS	-	-	161,241	65,728
COOKED . . . . . DO	-	-	(1)	(1)
PORTIONS:				
RAW:				
NOT BREADED . . . . . DO	-	-	(1)	(1)
BREADED . . . . . DO	-	-	775,981	323,550
BREADED AND COOKED . . . . . DO	-	-	123,336	55,814
FISH AND SHELLFISH . . . . . DO	-	-	694,623	698,871
CANNED:				
ANIMAL FOOD . . . . . STANDARD CASES	-	-	346,639	4,286,485
OTHER, FISH AND SHELLFISH . . . . . DO	-	-	13,761	108,160
CURED . . . . . POUNDS	-	-	110,846	40,034
INDUSTRIAL . . . . . -	-	-	-	1,129,501
TOTAL . . . . .	-	110,616,352	-	51,284,100

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

# PACIFIC COAST FISHERIES

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## PROCESSED FISHERY PRODUCTS, 1967 - Continued

ITEM	OREGON		CALIFORNIA	
	QUANTITY	VALUE	QUANTITY	VALUE
ANCHOVIES:				
FROZEN WHOLE, FOR BAIT. . . . .	POUNDS	-	(1)	(1)
CANNED IN TOMATO SAUCE. . . . .	STANDARD CASES	-	(1)	(1)
MEAL AND SCRAP. . . . .	TONS	-	5,575	\$722,475
OIL . . . . .	1,000 POUNDS	-	1,004	39,051
BARRACUDA:				
CANNED (SMOKED) . . . . .	STANDARD CASES	-	(1)	(1)
SMOKED. . . . .	POUNDS	-	8,409	5,054
CATFISH SPECIALTIES, FROZEN (PATTIES, BREADED AND COOKED). . . . .	DO	-	(1)	(1)
COD:				
FILLETS, FRESH AND FROZEN . . . . .	DO	174,372	\$46,788	(2)
SPECIALTIES, FROZEN (PATTIES, BREADED AND COOKED). . . . .	DO	-	-	(1)
SMOKED. . . . .	DO	-	-	(1)
FLOUNDER:				
FILLETS AND STEAKS, FRESH AND FROZEN . . . . .	DO	3,397,966	1,473,715	6,081,760
SPECIALTIES, FROZEN (PATTIES, BREADED AND COOKED). . . . .	DO	-	-	(1)
FREEZE-DRIED, RAW . . . . .	DO	-	-	(1)
HADDUCK SPECIALTIES, FROZEN (PATTIES, BREADED AND COOKED). . . . .	DO	-	-	(1)
HALIBUT:				
FILLETS, FRESH AND FROZEN . . . . .	DO	-	-	170,500
STEAKS:				
FRESH AND FROZEN. . . . .	DO	(2)	(2)	1,075,988
BREADED AND COOKED. . . . .	DO	-	-	636,678
SPECIALTIES, FROZEN (FISH AND CHIPS, PATTIES AND PUFFS, BREADED, RAW AND COOKED). . . . .	DO	-	-	(1)
SMOKED. . . . .	DO	-	-	(1)
HERRING, SEA, FROZEN:				
DRESSED . . . . .	DO	-	-	65,208
CANNED (ANIMAL FOOD). . . . .	STANDARD CASES	-	-	(1)
SMOKED. . . . .	POUNDS	(1)	(1)	(1)
LINGCOD:				
FILLETS, FRESH AND FROZEN . . . . .	DO	374,938	100,158	261,045
SMOKED. . . . .	DO	-	-	67,521
MACKEREL:				
JACK, DRESSED, FROZEN . . . . .	DO	-	-	(1)
CANNED:				
JACK. . . . .	STANDARD CASES	-	-	279,868
PACIFIC . . . . .	DO	-	-	2,334,769
SMOKED. . . . .	POUNDS	-	-	3,090
MEAL AND SCRAP . . . . .	TONS	-	-	832
OIL . . . . .	1,000 POUNDS	-	-	(1)
MARLIN, CANNED (SMOKED) . . . . .	STANDARD CASES	-	-	(1)
OCEAN PERCH:				
FILLETS, FRESH AND FROZEN . . . . .	POUNDS	686,064	183,079	-
SPECIALTIES, FROZEN (PATTIES, BREADED AND COOKED). . . . .	DO	-	-	(1)
PERCH FILLETS, FRESH AND FROZEN . . . . .	DO	-	-	425,550
ROCKFISH:				
FILLETS, FRESH AND FROZEN . . . . .	DO	1,414,157	367,955	2,352,645
SMOKED. . . . .	DO	-	-	4,677
SABLEFISH:				
FILLETS AND STEAKS, FRESH AND FROZEN . . . . .	DO	-	-	(2)
SALTED. . . . .	DO	-	-	(1)
SMOKED. . . . .	DO	(1)	(1)	(2)
SALMON:				
FRESH AND FROZEN:				
FILLETS . . . . .	DO	-	-	226,529
STEAKS. . . . .	DO	-	-	(2)
SPECIALTIES (CAKES) . . . . .	DO	(2)	(2)	494,097
CANNED:				
CHINOOK OR KING . . . . .	STANDARD CASES	38,597	1,829,904	(3)
CHUM OR KETA. . . . .	DO	1,954	55,474	-
PINK . . . . .	DO	23,789	817,566	-
RED OR SOCKEYE. . . . .	DO	10,276	566,550	-
SILVER OR COHO. . . . .	DO	46,600	2,044,597	-
STEELHEAD . . . . .	DO	2,072	94,599	-
TOTAL . . . . .	DO	123,288	5,408,690	(3)
SMOKED. . . . .	DO	219	16,480	(2)
SALTED:				
MILD-CURED. . . . .	POUNDS	-	-	1,975,835
PICKLED . . . . .	DO	-	-	1,721,899
CAVIAR. . . . .	DO	(2)	(2)	(1)
SMOKED. . . . .	DO	25,300	35,550	-
OIL . . . . .	1,000 POUNDS	(1)	(1)	1,308,543
				1,498,732

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

## PACIFIC COAST FISHERIES

## PROCESSED FISHERY PRODUCTS, 1967 - Continued

ITEM	OREGON		CALIFORNIA	
	QUANTITY	VALUE	QUANTITY	VALUE
SARDINES, PACIFIC:				
CANNED . . . . .	STANDARD CASES	-	(1)	(1)
SALTED . . . . .	POUNDS	-	(1)	(1)
SEA BASS:				
FILLETS AND STEAKS, FRESH AND FROZEN . . . . .	DO	-	141,440	\$65,308
SMOKED . . . . .	DO	-	(1)	(1)
SHAD:				
CANNED:				
FISH . . . . .	STANDARD CASES	(2)	-	-
ROE . . . . .	DO	(2)	(2)	(2)
SMOKED . . . . .	POUNDS	-	(1)	(1)
SHARKS, SMOKED . . . . .	DO	-	(1)	(1)
SMELT:				
SMOKED . . . . .	DO	(1)	-	-
FREEZE-DRIED, RAW . . . . .	DO	-	(1)	(1)
STURGEDIN:				
CANNED (SMOKED) . . . . .	STANDARD CASES	200	\$17,830	-
SMOKED . . . . .	POUNDS	(1)	(1)	(1)
SWORDFISH:				
STEAKS, FRESH AND FROZEN . . . . .	DO	-	(2)	(2)
SMOKED . . . . .	DO	-	14,904	20,609
TUNA:				
CANNED:				
ALBACORE . . . . .	STANDARD CASES	4/1,382,252	4/21,183,077	1,885,134
LIGHTMEAT . . . . .	DO	-	-	7,077,278
TOTAL . . . . .	DO	4/1,382,252	4/21,183,077	8,962,412
SPECIALTIES:				
SMOKED, CREAMED AND SPREADS . . . . .	DO	(1)	(1)	37,181
WITH NOODLES AND BEANS . . . . .	DO	-	-	(1)
ANIMAL FOOD . . . . .	DO	108,824	1,361,719	1,683,675
SMOKED . . . . .	POUNDS	(1)	-	55,193
MEAL AND SCRAP . . . . .	TONS	-	-	14,119
OIL . . . . .	1,000 POUNDS	-	-	4,124
SOLUBLES . . . . .	TONS	-	-	(1)
TUNALIKE FISH (BONITO AND YELLOWTAIL):				
FILLETS, FRESH . . . . .	POUNDS	-	-	(1)
CANNED:				
REGULAR . . . . .	STANDARD CASES	-	-	(1)
SPECIALTIES (SMOKED) . . . . .	DO	-	-	(1)
SMOKED . . . . .	POUNDS	-	-	41,150
WAHOD, SMOKED . . . . .	DO	-	-	(1)
WHITFISH, SMOKED . . . . .	DO	-	-	(1)
WHITING, SMOKED . . . . .	DO	-	-	(1)
CRABS, DUNGENSES:				
FRESH AND FROZEN:				
COOKED MEAT . . . . .	DO	1,220,218	1,467,203	1,427,255
SPECIALTIES (COCKTAILS AND DIPS) . . . . .	DO	-	-	(1)
CANNED:				
REGULAR . . . . .	STANDARD CASES	(2)	(2)	-
SPECIALTIES (COCKTAILS AND SMOKED) . . . . .	DO	(1)	(1)	-
MEAL AND SCRAP . . . . .	TONS	(1)	(1)	-
LOBSTERS, SPINNY, FROZEN, TAILS, RAW SHRIMP:	POUNDS	-	-	(1)
FRESH AND FROZEN:				
RAW, HEADLESS . . . . .	DO	-	-	290,608
PEELED (INCLUDING DEVEINED):				
RAW . . . . .	DO	620,490	681,000	281,275
COOKED . . . . .	DO	822,030	1,107,742	999,558
BREADED, RAW AND COOKED . . . . .	DO	-	-	7,329,426
SPECIALTIES (COCKTAILS REFRIGERATED, DIPS AND PUFFS) . . . . .	DO	-	-	(1)
CANNED:				
REGULAR . . . . .	STANDARD CASES	(2)	(2)	-
SPECIALTIES (COCKTAILS AND PICKLED PRAWNS) . . . . .	DO	(1)	(1)	-
MEAL AND SCRAP . . . . .	TONS	(1)	(1)	-
ABALONE:				
STEAKS:				
FRESH AND FROZEN . . . . .	POUNDS	-	-	839,785
BREADED RAW, FROZEN . . . . .	DO	-	-	(1)
SPECIALTIES, FROZEN (PATTIES, BREADED RAW) . . . . .	DO	-	-	(1)
CLAMS, RAZOR:				
FRESH AND FROZEN, SHUCKED . . . . .	GALLONS	(1)	(1)	-
CANNED, WHOLE AND MINCED . . . . .	STANDARD CASES	(2)	(2)	-

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

PROCESSED FISHERY PRODUCTS, 1967 - Continued

ITEM	OREGON		CALIFORNIA	
	QUANTITY	VALUE	QUANTITY	VALUE
OYSTERS:				
SHUCKED, FRESH AND FROZEN:				
EASTERN . . . . .	GALLONS	-	(1)	(1)
PACIFIC . . . . .	DO	120,809	130,103	\$586,570
WESTERN . . . . .	DO	818	-	-
BREADED RAW, FROZEN:				
EASTERN . . . . .	POUNDS	-	210,091	167,213
PACIFIC . . . . .	DO	-	(1)	(1)
CANNED:				
REGULAR . . . . .	STANDARD CASES	(1)	-	-
SPECIALTIES (SOUPS, STEWS, PASTE)	DO	(1)	-	-
SHELL, GRIT AND LIME . . . . .	TONS	(1)	(1)	(1)
SCALLOPS, SEA, BREADED, RAW AND COOKED . . . . .	POUNDS	-	1,020,731	1,008,267
SQUID:				
NATURAL, FROZEN . . . . .	DO	-	7,374,938	763,302
CANNED . . . . .	STANDARD CASES	-	(1)	(1)
WHALE:				
MEAT, FROZEN (FOR ANIMAL FOOD) . . . . .	POUNDS	-	1,927,034	154,163
MEAL . . . . .	TONS	-	1,112	133,432
OIL:				
SPERM . . . . .	1,000 POUNDS	-	964	57,216
OTHER . . . . .	DO	-	1,519	90,218
UNCLASSIFIED:				
FRESH AND FROZEN PACKAGED FISH:				
STICKS BREADED:				
RAW . . . . .	POUNDS	-	534,310	245,883
COOKED . . . . .	DO	-	7,807,497	4,224,060
PORTIONS:				
RAW:				
NOT BREADED . . . . .	DO	-	(1)	(1)
BREADED . . . . .	DO	-	1,829,719	778,731
BREADED AND COOKED . . . . .	DO	-	1,559,639	743,412
FISH AND SHELLFISH . . . . .	DO	(6)	2,840,386	2,098,468
CANNED:				
ANIMAL FOOD . . . . .	STANDARD CASES	304,949	1,683,924	366,901
OTHER, FISH AND SHELLFISH . . . . .	DO	1,378	81,157	630,078
CURED . . . . .	POUNDS	155,372	187,614	473,135
INDUSTRIAL . . . . .	-	-	541,923	-
TOTAL . . . . .	-	-	37,591,630	193,197,162

- 1/ INCLUDED WITH UNCLASSIFIED.
- 2/ THE PRODUCTION OF CERTAIN ITEMS IN OREGON OR CALIFORNIA HAVE BEEN INCLUDED WITH WASHINGTON.
- 3/ A SMALL PRODUCTION OF CANNED SALMON PRODUCED IN CALIFORNIA HAS BEEN INCLUDED WITH OREGON.
- 4/ THE PACK OF LIGHTMEAT HAS BEEN INCLUDED WITH ALBACORE.
- 5/ THE PRODUCTION OF CANNED KING CRAB HAS BEEN INCLUDED WITH GUNGENESS CRAB.
- 6/ INCLUDED WITH CURED FISH.

NOTE:--THIS TABLE WILL NOT ADD. INDIVIDUAL STATE TOTALS ARE CORRECT. SOME PRODUCTS MAY HAVE BEEN PROCESSED FROM RAW PRODUCTS IMPORTED FROM ANOTHER STATE OR A FOREIGN COUNTRY; THEREFORE, THEY CANNOT BE CORRELATED DIRECTLY WITH THE CATCH WITHIN THE STATE. CERTAIN ITEMS ARE SHOWN IN AN INTERMEDIATE AND ALSO A MORE ADVANCED STAGE OF PROCESSING.



# PACIFIC COAST FISHERIES

## SUMMARY OF PROCESSED PRODUCTS, 1967

(THOUSANDS OF DOLLARS)

ITEM	VALUE
PACKAGED:	
FRESH . . . . .	14,075
FROZEN . . . . .	67,672
CANNED . . . . .	276,997
CURED . . . . .	16,291
INDUSTRIAL . . . . .	17,654
TOTAL . . . . .	392,689

## VALUE OF PROCESSED PRODUCTS, BY STATES, 1967

(THOUSANDS OF DOLLARS)

STATE	VALUE
ALASKA . . . . .	110,616
WASHINGTON . . . . .	51,264
OREGON . . . . .	37,592
CALIFORNIA . . . . .	193,197
TOTAL . . . . .	392,689

## WHOLESALE AND PROCESSING, 1967

ITEM	ALASKA	WASHINGTON	OREGON	CALIFORNIA	TOTAL
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
WHOLESALE AND PROCESSING:					
ESTABLISHMENTS . . . . .	157	160	61	191	569
PERSONS ENGAGED:					
AVERAGE FOR SEASON . . . . .	8,214	3,959	3,455	11,663	27,291
AVERAGE FOR YEAR . . . . .	3,500	2,364	2,275	9,434	17,573

# PACIFIC COAST FISHERIES

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## ALASKA FISHERIES LANDINGS BY REGIONS, 1967

SPECIES	SOUTHEASTERN ALASKA		CENTRAL ALASKA	
	POUNDS	VALUE	POUNDS	VALUE
<b>FISH</b>				
HALIBUT . . . . .	21,281,300	\$3,196,064	5,874,600	\$814,936
HERRING, SEA. . . . .	6,050,500	90,758	5,177,200	77,657
ROCKFISHES 1/ . . . . .	190,500	14,862	60,100	3,769
SABLEFISH . . . . .	1,991,700	192,690	95,800	8,709
<b>SALMON: 2/</b>				
CHINOOK OR KING . . . . .	4,544,900	1,848,758	547,500	139,332
CHUM OR KETA. . . . .	17,380,000	1,868,106	9,616,200	832,430
PINK. . . . .	14,000,700	1,677,899	14,684,900	1,552,403
RED OR SOCKEYE. . . . .	6,120,700	1,819,797	18,781,000	4,715,013
SILVER OR COHO. . . . .	7,796,000	2,552,695	4,009,600	649,072
<b>TOTAL SALMON. . . . .</b>	<b>49,842,300</b>	<b>9,767,257</b>	<b>47,639,200</b>	<b>7,888,250</b>
TROUT, STEELHEAD. . . . .	26,200	6,054	(3)	7
SMELT . . . . .	30,000	4,500	-	-
WHITEFISH . . . . .	-	-	1,900	418
<b>TOTAL FISH. . . . .</b>	<b>79,412,500</b>	<b>13,272,185</b>	<b>58,848,800</b>	<b>8,793,746</b>
<b>SHELLFISH, ETC.</b>				
<b>CRABS:</b>				
DUNGENESS . . . . .	4,064,600	528,400	7,533,100	979,306
KING. . . . .	599,100	83,871	83,010,700	9,593,163
TANNER. . . . .	2,700	273	115,700	11,566
SHRIMP. . . . .	2,809,300	140,163	39,009,300	1,560,372
ABALONE MEATS . . . . .	4,400	5,539	-	-
CLAM MEATS, RAZOR . . . . .	-	-	60,000	29,571
OCTOPUS . . . . .	200	48	-	-
OYSTER MEATS. . . . .	44,800	24,644	-	-
SCALLOP, SEA (MEATS). . . . .	-	-	800	545
KELP (WITH HERRING EGGS). . . . .	377,900	472,428	21,700	16,264
<b>TOTAL SHELLFISH, ETC.</b>	<b>7,897,000*</b>	<b>1,255,366</b>	<b>129,751,300</b>	<b>12,190,787</b>
<b>GRAND TOTAL . . . . .</b>	<b>87,309,500</b>	<b>14,527,551</b>	<b>188,600,100</b>	<b>20,984,533</b>

SPECIES	WESTERN ALASKA		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE
<b>FISH</b>				
ARCTIC CHAR . . . . .	5,300	\$1,051	5,300	\$1,051
HALIBUT . . . . .	-	-	27,155,900	4,011,000
HERRING, SEA. . . . .	268,900	4,034	11,496,600	172,449
PIKE OR PICKEREL. . . . .	100	18	100	18
ROCKFISHES 1/ . . . . .	700	70	251,300	18,701
SABLEFISH . . . . .	-	-	2,087,500	201,999
<b>SALMON: 2/</b>				
CHINOOK OR KING . . . . .	6,540,000	1,112,109	11,632,400	3,100,199
CHUM OR KETA. . . . .	4,522,100	382,287	31,518,300	3,082,825
PINK. . . . .	136,600	10,559	26,822,200	3,240,861
RED OR SOCKEYE. . . . .	28,619,900	5,329,765	53,521,600	11,864,575
SILVER OR COHO. . . . .	1,216,500	141,008	13,022,100	3,342,775
<b>TOTAL SALMON. . . . .</b>	<b>41,035,100</b>	<b>6,975,728</b>	<b>138,516,600</b>	<b>24,631,235</b>
<b>TROUT:</b>				
LAKE. . . . .	2,800	550	2,800	550
STEELHEAD . . . . .	-	-	26,200	6,061
SHEEPFISH. . . . .	2,700	674	2,700	674
SMELT . . . . .	-	-	30,000	4,500
WHITEFISH . . . . .	13,800	3,108	15,700	3,526
<b>TOTAL FISH. . . . .</b>	<b>41,329,400</b>	<b>6,985,233</b>	<b>179,590,700</b>	<b>29,051,164</b>
<b>SHELLFISH, ETC.</b>				
<b>CRABS:</b>				
DUNGENESS . . . . .	-	-	11,597,700	1,507,706
KING. . . . .	44,106,100	5,292,734	127,715,900	14,969,768
TANNER. . . . .	-	-	118,400	11,899
SHRIMP. . . . .	-	-	41,812,600	1,700,535
ABALONE MEATS . . . . .	-	-	4,400	5,539
CLAM MEATS, RAZOR . . . . .	-	-	60,000	29,571
OCTOPUS . . . . .	-	-	200	48
OYSTER MEATS. . . . .	-	-	44,800	24,644
SCALLOP, SEA (MEATS). . . . .	-	-	800	545
KELP (WITH HERRING EGGS). . . . .	-	-	399,600	488,692
<b>TOTAL SHELLFISH, ETC.</b>	<b>44,106,100</b>	<b>5,292,734</b>	<b>181,754,400</b>	<b>18,738,887</b>
<b>GRAND TOTAL . . . . .</b>	<b>85,435,500</b>	<b>12,277,967</b>	<b>361,345,100</b>	<b>47,790,051</b>

1/ INCLUDES LINGCOD. 2/ THE ROUND WEIGHTS USED IN LANDING TABLES WERE OBTAINED BY MULTIPLYING NUMBER OF FISH BY THEIR AVERAGE WEIGHT. 3/ LESS THAN 50 POUNDS.

NOTE:--THE ABOVE DATA INCLUDE LANDINGS OF HALIBUT, SABLEFISH, LINGCOD, AND ROCKFISHES 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 EWISCERATED 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, 1967

ITEM	SOUTHEASTERN ALASKA		CENTRAL ALASKA	
	POUNDS	VALUE	POUNDS	VALUE
HALIBUT . . . . .	16,522,440	\$4,953,777	7,414,072	\$2,259,980
HERRING, SEA 1/ . . . . .	6,050,485	227,349	1,373,485	420,449
ROCKFISHES. . . . .	181,203	24,296	59,535	6,304
SABLEFISH . . . . .	1,364,919	321,290	64,982	16,246
SALMON:				
CHINOOK OR KING . . . . .	3,749,800	2,805,822	483,503	325,379
CHUM OR KETA. . . . .	11,754,913	5,753,610	6,268,342	3,348,491
PINK. . . . .	8,880,804	5,362,789	8,007,754	4,995,084
RED OR SOCKEYE. . . . .	4,397,859	3,378,529	13,993,730	12,663,043
SILVER OR COHO. . . . .	6,524,769	3,698,299	2,640,229	1,743,062
BAIT. . . . .	657,990	55,905	37,976	4,571
ROE . . . . .	2,476,610	3,235,276	2,164,460	2,304,945
TOTAL SALMON. . . . .	38,642,745	24,310,230	33,575,994	25,384,675
TROUT, STEELHEAD. . . . .	25,076	7,033	-	-
SMELT . . . . .	24,000	4,800	-	-
WHITEFISH . . . . .	-	-	1,500	600
ABALONE . . . . .	4,431	7,976	-	-
CLAMS, RAZOR. . . . .	-	-	58,938	33,018
OCTOPUS . . . . .	190	67	-	-
OYSTERS . . . . .	6,273	10,332	-	-
CRABS:				
DUNGENESS . . . . .	1,196,319	873,203	5,262,420	2,177,262
KING. . . . .	325,261	444,968	19,534,061	23,610,485
TANNER. . . . .	2,733	1,230	40,159	18,300
SHRIMP. . . . .	496,530	544,969	8,319,326	7,242,561
SCALLOPS. . . . .	-	804	-	1,511
KELP (WITH HERRING EGGS). . . . .	372,569	678,779	18,433	20,092
GRAND TOTAL . . . . .	65,215,174	32,410,299	75,723,700	61,191,483
ITEM	WESTERN ALASKA		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE
ARCTIC CHAR . . . . .	4,356	\$2,296	4,356	\$2,296
HALIBUT . . . . .	-	-	23,936,512	7,213,757
HERRING, SEA 1/ . . . . .	21,000	27,300	7,444,970	675,098
PIKE OR PICKEREL. . . . .	80	27	80	27
ROCKFISHES. . . . .	554	130	241,292	30,730
SABLEFISH . . . . .	-	-	1,429,901	337,536
SALMON:				
CHINOOK OR KING . . . . .	3,834,649	2,769,006	8,047,952	5,900,207
CHUM OR KETA. . . . .	3,116,132	1,501,093	21,139,387	10,603,194
PINK. . . . .	97,097	26,049	16,985,655	10,383,922
RED OR SOCKEYE. . . . .	16,258,075	13,668,588	34,649,664	29,710,160
SILVER OR COHO. . . . .	767,706	372,171	9,932,704	5,813,532
BAIT. . . . .	-	-	895,966	60,576
ROE . . . . .	1,662,544	1,828,420	6,303,614	7,388,641
TOTAL SALMON. . . . .	25,736,203	20,165,327	97,954,942	69,860,232
TROUT:				
LAKE. . . . .	2,752	798	2,752	798
STEELHEAD . . . . .	-	-	25,076	7,033
SHEEFISH. . . . .	2,155	970	2,155	970
SMELT . . . . .	-	-	24,000	4,800
WHITEFISH . . . . .	11,793	4,717	13,293	5,317
ABALONE . . . . .	-	-	4,431	7,976
CLAMS, RAZOR. . . . .	-	-	58,938	33,018
OCTOPUS . . . . .	-	-	190	67
OYSTERS . . . . .	-	-	6,273	10,332
CRABS:				
DUNGENESS . . . . .	-	-	6,458,739	3,050,465
KING. . . . .	10,028,908	12,892,584	29,888,230	36,948,037
TANNER. . . . .	-	-	42,863	19,530
SHRIMP. . . . .	-	-	8,815,856	7,787,530
SCALLOPS. . . . .	-	-	804	1,511
KELP (WITH HERRING EGGS). . . . .	-	-	391,002	698,871
GRAND TOTAL . . . . .	35,807,801	33,094,149	176,746,675	126,695,931

1/ INCLUDES HERRING ROE.

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.

# PACIFIC COAST FISHERIES

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## PRODUCTS AS PREPARED FOR MARKET, 1967

ITEM	SOUTHEASTERN ALASKA		CENTRAL ALASKA	
	POUNDS	VALUE	POUNDS	VALUE
<b>FRESH AND FROZEN</b>				
HALIBUT:				
DRESSED . . . . .	15,761,711	\$4,461,478	6,872,420	\$2,058,206
FLETCHES . . . . .	688,255	483,326	236,439	165,507
CHECKS . . . . .	16,978	7,102	26,505	10,622
BAIT . . . . .	55,400	1,662	269,636	10,785
TOTAL . . . . .	16,522,344	4,953,568	7,405,000	2,245,100
HERRING, BAIT . . . . .	6,050,485	227,349	628,070	11,496
ROCKFISHES, DRESSED	181,203	24,296	59,535	6,304
SABLEFISH, DRESSED . . . . .	1,364,639	321,069	64,962	16,246
<b>SALMON:</b>				
DRESSED:				
CHINOOK OR KING . . . . .	3,342,934	2,400,634	268,150	155,371
CHUM OR KETA . . . . .	3,315,113	1,071,985	505,299	133,627
PINK . . . . .	962,628	263,554	128,362	37,377
RED OR SOCKEYE . . . . .	1,291,919	545,669	301,357	119,146
SILVER OR COHO . . . . .	5,255,280	2,830,845	798,192	468,170
BAIT . . . . .	857,990	55,905	37,976	4,671
ROE (BAIT) . . . . .	40,730	40,200	-	-
TOTAL . . . . .	15,066,594	7,208,792	2,039,336	918,362
TROUT, STEELHEAD, DRESSED . . . . .	24,790	6,679	-	-
WHITEFISH, DRESSED . . . . .	-	-	1,500	600
SMELT . . . . .	24,000	4,800	-	-
ABALONE MEATS . . . . .	4,431	7,976	-	-
<b>CLAM MEATS, RAZOR:</b>				
WHOLE . . . . .	-	-	1,430	1,400
MINCED . . . . .	-	-	1,768	1,650
BAIT . . . . .	190	67	50,145	20,058
OCTOPUS, BAIT . . . . .	-	-	-	-
CYSTER MEATS . . . . .	6,273	10,332	-	-
<b>CRABS:</b>				
DUNGNESS:				
WHOLE . . . . .	368,999	117,757	1,703,981	608,084
SECTIONS . . . . .	395,352	111,529	3,421,481	1,293,537
MEAT . . . . .	357,815	415,170	8,550	11,115
KINGS:				
WHOLE . . . . .	-	-	2,643,926	1,395,122
SECTIONS . . . . .	48,748	30,246	2,272,772	1,233,493
MEAT . . . . .	276,513	414,722	7,461,448	8,944,336
TANNER:				
WHOLE . . . . .	2,733	1,230	7,610	3,805
SECTIONS . . . . .	-	-	26,532	10,294
MEAT . . . . .	-	-	1,308	477
SHRIMP:				
WHOLE . . . . .	48,537	22,652	5,933,364	4,374,142
SECTIONS . . . . .	7,128	3,564	4,267	1,707
MEAT . . . . .	271,785	338,645	35,035	44,480
SCALLOP MEATS . . . . .	-	-	804	1,511
TOTAL FRESH AND FROZEN . . . . .	40,982,559	14,220,443	33,772,644	21,143,379
<b>CURED</b>				
HERRING, ROE, SALTED . . . . .	-	-	247,903	368,857
KELP (WITH HERRING ROE), SALTED . . . . .	372,569	678,779	18,433	20,092
SABLEFISH, SMOKED . . . . .	280	221	-	-
<b>SALMON:</b>				
MILD CURED:				
CHINOOK OR KING . . . . .	392,555	390,044	-	-
SILVER OR COHO . . . . .	41,775	32,167	-	-
TOTAL . . . . .	434,330	422,211	-	-
PICKLED:				
CHUM OR KETA . . . . .	-	-	45,571	22,786
RED OR SOCKEYE . . . . .	-	-	74,482	40,999
SILVER OR COHO . . . . .	-	-	18,422	9,061
TOTAL . . . . .	-	-	138,475	72,846
SMOKED OR KIPPERED:				
CHINOOK OR KING . . . . .	871	1,307	617	929
CHUM OR KETA . . . . .	536	766	624	1,109
RED OR SOCKEYE . . . . .	772	1,544	2,307	4,102
SILVER OR COHO . . . . .	546	819	479	846
TOTAL . . . . .	2,725	4,436	4,027	6,986
EGGS, SALTED (CAVIAR) . . . . .	2,435,880	3,215,076	2,164,460	2,304,945

(CONTINUED ON NEXT PAGE)

## PACIFIC COAST FISHERIES

## PRODUCTS AS PREPARED FOR MARKET, 1967 - Continued

ITEM	SOUTHEASTERN ALASKA		CENTRAL ALASKA	
	POUNDS	VALUE	POUNDS	VALUE
CURED - CONTINUED				
TROUT, STEELHEAD, SMOKED. . .	142	\$142	-	-
TOTAL CURED . . . . .	3,245,926	4,320,865	2,573,298	\$2,773,726
CANNED				
HALIBUT . . . . .	96	209	9,072	14,880
SALMON:				
CHINOOK OR KING . . . . .	9,936	6,689	191,856	163,767
CHUM OR KETA. . . . .	8,439,072	4,660,432	5,716,752	3,190,849
PINK. . . . .	7,918,176	5,099,235	7,679,332	4,957,707
RED OR SOCKEYE. . . . .	3,104,832	2,830,671	13,606,192	12,486,192
SILVER OR COHO. . . . .	1,223,424	828,319	1,618,144	1,257,400
TOTAL . . . . .	20,695,440	13,445,345	29,214,336	22,055,915
SALMON, SMOKED:				
CHINOOK OR KING . . . . .	3,504	7,148	2,860	5,312
CHUM OR KETA. . . . .	192	427	96	120
RED OR SOCKEYE. . . . .	336	645	7,392	12,604
SILVER OR COHO. . . . .	3,744	6,149	4,992	7,585
TOTAL . . . . .	7,776	14,369	15,360	25,621
TROUT, STEELHEAD, SMOKED. .	144	212	-	9,910
CLAMS, RAZOR. . . . .	-	-	5,595	-
CRABS:				
DUNCENESS . . . . .	114,153	228,747	128,408	264,466
KING. . . . .	-	-	7,155,915	12,037,534
TANNER. . . . .	-	-	4,700	3,724
SHRIMP. . . . .	169,080	180,108	2,346,660	2,822,232
TOTAL CANNED. . . . .	20,986,689	13,868,991	38,880,046	37,234,282
INDUSTRIAL PRODUCTS				
HERRING:				
MEAL. . . . .	-	-	433,012	36,806
OIL. . . . .	-	-	64,500	3,290
TOTAL INDUSTRIAL PRODUCTS . . . . .	-	-	497,512	40,096
GRAND TOTAL . . . . .	65,215,174	32,410,299	75,723,700	61,191,483
ITEM	WESTERN ALASKA		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE
FRESH AND FROZEN				
ARCTIC CHAR . . . . .	3,204	\$1,121	3,204	\$1,121
HALIBUT:				
DRESSED . . . . .	-	-	22,634,131	6,519,684
FLETCHES. . . . .	-	-	924,694	648,833
CHEEKS. . . . .	-	-	43,483	17,704
BAIT. . . . .	-	-	325,036	12,447
TOTAL . . . . .	-	-	23,927,344	7,198,668
HERRING, BAIT . . . . .	-	-	6,678,555	238,845
ROCKFISHES, DRESSED . . . . .	554	130	241,292	30,730
SABLEFISH, DRESSED. . . . .	-	-	1,429,621	337,315
SALMON:				
DRESSED:				
CHINOOK OR KING . . . . .	1,115,346	559,141	4,726,430	3,115,146
CHUM OR KETA. . . . .	838,192	249,376	4,658,604	1,454,988
PINK. . . . .	84,775	20,986	1,175,765	321,917
RED OR SOCKEYE. . . . .	207,512	79,453	1,800,768	743,266
SILVER OR COHO. . . . .	560,042	225,357	6,633,514	3,524,372
BAIT. . . . .	-	-	895,966	60,576
ROE (BAIT). . . . .	1,755	1,580	42,485	41,780
TOTAL . . . . .	2,827,622	1,134,893	19,933,552	9,262,047
TROUT, DRESSED:				
STEELHEAD . . . . .	-	-	24,790	6,679
LAKE. . . . .	2,752	798	2,752	798
WHITEFISH, DRESSED. . . . .	11,793	4,717	13,293	5,317
PIKE, DRESSED . . . . .	80	27	80	27

(CONTINUED ON NEXT PAGE)

# PACIFIC COAST FISHERIES

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## PRODUCTS AS PREPARED FOR MARKET, 1967 - Continued

ITEM	WESTERN ALASKA		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE
FRESH AND FROZEN- CONTINUED				
SHEEFISH, DRESSED . . . . .	2,155	\$970	2,155	\$970
SMELT . . . . .	-	-	24,000	4,800
ABALONE MEATS. . . . .	-	-	4,431	7,976
CLAM MEATS, RAZOR:				
WHOLE . . . . .	-	-	1,430	1,400
MINCED. . . . .	-	-	1,768	1,650
BAIT. . . . .	-	-	50,145	20,058
OCTOPUS, BAIT . . . . .	-	-	190	67
OYSTER MEATS. . . . .	-	-	6,273	10,332
CRABS:				
DUNGENESS:				
WHOLE . . . . .	-	-	2,072,980	725,841
SECTIONS. . . . .	-	-	3,776,833	1,405,126
MEAT. . . . .	-	-	366,365	426,265
KING:				
WHOLE . . . . .	66,221	45,753	2,710,147	1,440,875
SECTIONS. . . . .	117,597	47,038	2,439,117	1,310,777
MEAT. . . . .	9,200,362	11,599,031	16,938,323	20,958,069
TANNER:				
WHOLE . . . . .	-	-	10,343	5,035
SECTIONS. . . . .	-	-	26,532	10,294
MEAT. . . . .	-	-	1,308	477
SHRIMP:				
WHOLE . . . . .	-	-	5,961,901	4,396,794
SECTIONS. . . . .	-	-	11,395	5,271
MEAT. . . . .	-	-	306,820	383,125
SCALLOP, MEATS. . . . .	-	-	804	1,511
TOTAL FRESH AND FROZEN . . . . .	12,232,340	12,834,478	86,987,743	48,198,300
CURED				
HERRING, ROE, SALTED. . . . .	21,000	27,300	268,903	396,157
KELP (WITH HERRING ROE) SALTED . . . . .	-	-	391,002	698,871
SABLEFISH, SMOKED . . . . .	-	-	280	221
SALMON:				
MILD CURED:				
CHINOOK OR KING . . . . .	668,650	491,240	1,061,205	881,284
SILVER OR COHO. . . . .	-	-	41,775	32,167
TOTAL . . . . .	668,650	491,240	1,102,980	913,451
PICKLED:				
CHINOOK OR KING . . . . .	87,069	72,758	87,069	72,758
CHUM OR KETA. . . . .	70,756	30,449	116,327	53,235
PINK . . . . .	11,938	4,775	11,938	4,775
RED OR SOCKEYE. . . . .	10,067	5,716	84,549	45,715
SILVER OR COHO. . . . .	36,800	16,400	55,222	27,461
TOTAL . . . . .	216,630	132,098	355,105	204,944
SMOKED OR KIPPERED:				
CHINOOK OR KING . . . . .	-	-	1,488	2,236
CHUM OR KETA. . . . .	-	-	1,160	1,875
RED OR SOCKEYE. . . . .	-	-	3,079	5,646
SILVER OR COHO. . . . .	-	-	1,025	1,665
TOTAL . . . . .	-	-	6,752	11,422
EGGS, SALTED (CAVIAR) . . . . .	1,660,789	1,826,840	6,261,129	7,346,861
TROUT, STEELHEAD, SMOKED. . . . .	-	-	142	142
TOTAL CURED . . . . .	2,567,069	2,477,478	8,386,293	9,572,069
CANNED				
ARCTIC CHAR, SMOKED . . . . .	1,152	1,175	1,152	1,175
HALIBUT . . . . .	-	-	9,168	15,069
SALMON:				
CHINOOK OR KING . . . . .	1,963,584	1,645,867	2,165,376	1,816,323
CHUM OR KETA. . . . .	2,207,184	1,221,268	16,363,008	9,092,549
PINK . . . . .	384	288	15,797,952	10,057,230
RED OR SOCKEYE. . . . .	16,040,496	13,584,419	32,753,520	28,901,282
SILVER OR COHO. . . . .	150,864	128,414	3,192,432	2,214,133
TOTAL . . . . .	20,362,512	16,580,256	70,272,288	52,081,517

(CONTINUED ON NEXT PAGE)

## PACIFIC COAST FISHERIES

## PRODUCTS AS PREPARED FOR MARKET, 1967 - Continued

ITEM	WESTERN ALASKA		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE
CANNED - CONTINUED				
SALMON, SMOKED:				
CHINOOK OR KING . . . . .	-	-	6,384	\$12,460
CHUM OR KETA . . . . .	-	-	288	547
RED OR SOCKEYE . . . . .	-	-	7,728	13,249
SILVER OR COHO . . . . .	-	-	6,736	13,734
TOTAL . . . . .	-	-	23,136	39,990
TROUT, STEELHEAD, SMOKED. .	-	-	144	212
CLAMS . . . . .	-	-	5,595	9,910
CRABS:				
DUNGENESS . . . . .	-	-	242,561	493,213
KING . . . . .	644,728	\$1,200,762	7,800,643	13,238,296
TANNER . . . . .	-	-	4,700	3,724
SHRIMP . . . . .	-	-	2,515,740	3,002,340
TOTAL CANNED . . . . .	21,008,392	17,782,193	80,875,127	68,885,466
INDUSTRIAL PRODUCTS				
HERRING:				
MEAL . . . . .	-	-	433,012	36,806
OIL . . . . .	-	-	64,500	3,290
TOTAL INDUSTRIAL PRODUCTS . . . . .	-	-	497,512	40,096
GRAND TOTAL . . . . .	35,807,801	33,094,149	176,746,675	126,595,931

## PRODUCTION OF CANNED PRODUCTS, 1967

(IN STANDARD CASES)

ITEM	SOUTHEASTERN ALASKA		CENTRAL ALASKA	
	CASES	VALUE	CASES	VALUE
FISH				
HALIBUT . . . . .	2	\$209	189	\$14,880
SALMON:				
CHINOOK OR KING . . . . .	207	6,689	3,997	163,767
CHUM OR KETA . . . . .	175,614	4,680,432	119,099	3,190,849
PINK . . . . .	164,362	5,099,235	164,154	4,937,077
RED OR SOCKEYE . . . . .	64,684	2,830,671	283,504	12,486,192
SILVER OR COHO . . . . .	25,488	828,319	37,878	1,257,400
TOTAL . . . . .	431,155	13,445,346	608,632	22,055,915
SALMON, SMOKED:				
CHINOOK OR KING . . . . .	73	7,148	60	5,312
CHUM OR KETA . . . . .	4	427	2	120
RED OR SOCKEYE . . . . .	7	645	154	12,604
SILVER OR COHO . . . . .	78	6,149	104	7,585
TOTAL . . . . .	162	14,369	320	25,621
TROUT, STEELHEAD, SMOKED. .	3	212	-	-
SHELLFISH				
CLAMS, RAZOR . . . . .	-	-	373	9,910
CRABS:				
DUNGENESS . . . . .	5,854	228,747	6,585	264,466
KING . . . . .	-	-	366,970	12,037,334
TANNER . . . . .	-	-	241	3,724
SHRIMP . . . . .	11,272	180,108	156,444	2,822,232
GRAND TOTAL . . . . .	448,448	13,868,991	1,139,754	37,234,282

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# PACIFIC COAST FISHERIES

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## PRODUCTION OF CANNED PRODUCTS, 1967 - Continued

(IN STANDARD CASES)

ITEM	WESTERN ALASKA		TOTAL	
	CASES	VALUE	CASES	VALUE
<b>FISH</b>				
ARCTIC CHAR, SMOKED . . . . .	24	\$1,175	24	\$1,175
HALIBUT . . . . .	-	-	191	15,089
<b>SALMON:</b>				
CHINOOK OR KING . . . . .	40,908	1,645,867	45,112	1,816,323
CHUM OR KETA . . . . .	45,983	1,221,268	340,896	9,092,549
PINK . . . . .	8	288	329,124	10,057,230
RED DR SOCKEYE . . . . .	334,177	13,584,419	682,365	28,901,262
SILVER OR COHO . . . . .	3,143	128,414	66,509	2,214,133
<b>TOTAL . . . . .</b>	<b>424,219</b>	<b>16,580,256</b>	<b>1,464,006</b>	<b>52,081,517</b>
<b>SALMON, SMOKED:</b>				
CHINOOK OR KING . . . . .	-	-	133	12,460
CHUM OR KETA . . . . .	-	-	6	547
RED OR SOCKEYE . . . . .	-	-	161	13,249
SILVER OR COHO . . . . .	-	-	182	13,734
<b>TOTAL . . . . .</b>	<b>-</b>	<b>-</b>	<b>482</b>	<b>39,990</b>
<b>TROUT, STEELHEAD, SMOKED. .</b>	<b>-</b>	<b>-</b>	<b>3</b>	<b>212</b>
<b>SHELLFISH</b>				
CLAMS, RAZOR . . . . .	-	-	373	9,910
<b>CRABS:</b>				
DUNGENESS . . . . .	-	-	12,439	493,213
KING . . . . .	33,063	1,200,762	400,033	13,238,296
TANNER . . . . .	-	-	241	3,724
SHRIMP . . . . .	-	-	167,716	3,002,340
<b>GRAND TOTAL . . . . .</b>	<b>457,306</b>	<b>17,782,193</b>	<b>2,045,508</b>	<b>68,865,456</b>

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, 1967

ITEM	CENTRAL ALASKA	
	QUANTITY	VALUE
<b>HERRING:</b>		
MEAL . . . . .	TONS	216.5
OIL . . . . .	GALLONS	832.3
<b>TOTAL . . . . .</b>	<b>-</b>	<b>40,096</b>

NOTE:--THE PRODUCTION OF INDUSTRIAL PRODUCTS WAS CONFINED TO CENTRAL ALASKA.



KING CRAB

## PACIFIC COAST FISHERIES

SOUTHEASTERN REGION OF ALASKA  
OPERATING UNITS BY GEAR, 1967

ITEM	PURSE SEINES 1/		BEAM TRAWLS		OTTER TRAWLS
	HERRING	SALMON	SHRIMP	OTHER	FISH
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS . . . . .	58	2,113	61	2	4
ON BOATS AND SHORE, REGULAR . . . . .	-	187	-	-	-
TOTAL . . . . .	58	2,300	61	2	4
VESSELS, MOTOR . . . . .	10	353	20	1	1
GROSS TONNAGE . . . . .	355	11,702	531	12	70
BOATS, MOTOR . . . . .	2/ 10	447	-	-	-
GEAR:					
NUMBER . . . . .	10	400	20	1	1
LENGTH, YARDS . . . . .	5,000	200,000	-	-	-
YARDS AT MOUTH . . . . .	-	-	220	11	15

ITEM	OTTER TRAWLS - CONTINUED	FLOATING TRAPS	POTS	
	SHRIMP		CRAB	
			DUNGENESS	KING
NUMBER	NUMBER	NUMBER	NUMBER	
FISHERMEN:				
ON VESSELS . . . . .	9	-	61	40
ON BOATS AND SHORE, REGULAR . . . . .	-	8	16	-
TOTAL . . . . .	9	8	77	40
VESSELS, MOTOR . . . . .	3	-	21	13
GROSS TONNAGE . . . . .	124	-	347	520
BOATS, MOTOR . . . . .	-	-	8	-
GEAR:				
NUMBER . . . . .	3	4	6,600	1,240
YARDS AT MOUTH . . . . .	45	-	-	-

ITEM	POTS - CONTINUED		GILL NETS	
	CRAB - CONTINUED	SHRIMP	ANCHOR, SET OR STAKE	DRIFT
	TANNER		NUMBER	NUMBER
NUMBER	NUMBER	NUMBER	NUMBER	
FISHERMEN:				
ON VESSELS . . . . .	3	18	-	228
ON BOATS AND SHORE, REGULAR . . . . .	-	-	191	207
TOTAL . . . . .	3	18	191	435
VESSELS, MOTOR . . . . .	1	9	-	114
GROSS TONNAGE . . . . .	23	262	-	1,293
BOATS, MOTOR . . . . .	-	-	191	207
GEAR:				
NUMBER . . . . .	200	1,340	191	321
LENGTH, YARDS . . . . .	-	-	27,000	140,000
SQUARE YARDS . . . . .	-	-	100,000	800,000

ITEM	LINES			TOTAL, EX- CLUSIVE OF DUPLICATION
	TROLL	LONG OR SET, AND HAND	BY HAND	
	NUMBER	NUMBER	NUMBER	
FISHERMEN:				
ON VESSELS . . . . .	1,126	820	-	4,225
ON BOATS AND SHORE, REGULAR . . . . .	1,174	100	2,050	2,977
TOTAL . . . . .	2,300	920	2,050	7,202
VESSELS, MOTOR . . . . .	563	201	-	1,201
GROSS TONNAGE . . . . .	8,957	6,519	-	27,720
BOATS, MOTOR . . . . .	839	50	1,025	2,200
GEAR:				
NUMBER . . . . .	5,600	7,000	4,010	-
HOOKS OR BAITS . . . . .	34,000	597,000	-	-

1/ INCLUDES HAUL SEINES.

2/ INCLUDES SEINE SKIFFS.

# PACIFIC COAST FISHERIES

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## SOUTHEASTERN REGION OF ALASKA - LANDINGS OF CATCH BY GEAR, 1967

SPECIES	PURSE SEINES 1/		BEAM TRAWLS		OTTER TRAWLS	
					FISH	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
HERRING, SEA. . . . .	6,060,500	\$90,758	-	-	-	-
ROCKFISHES 2/ . . . . .	-	-	300	\$15	159,300	\$11,148
SALMON:						
CHINOOK OR KING . . . . .	137,000	24,655	-	-	-	-
CHUM OR KETA . . . . .	14,833,200	1,379,491	-	-	-	-
PINK . . . . .	12,635,000	1,427,757	-	-	-	-
RED OR SOCKEYE . . . . .	3,706,300	984,426	-	-	-	-
SILVER OR COHO . . . . .	1,700,900	221,115	-	-	-	-
TOTAL SALMON . . . . .	33,092,400	4,037,444	-	-	-	-
SMELT . . . . .	30,000	4,500	-	-	-	-
STEELHEAD TROUT . . . . .	5,600	1,304	-	-	-	-
SHRIMP . . . . .	-	-	2,727,400	136,369	-	-
TOTAL . . . . .	39,178,500	4,134,008	2,727,700	136,384	159,300	11,148
SPECIES	OTTER TRAWLS - CONTINUED		FLOATING TRAPS		POTS	
	SHRIMP				CRAB	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
SALMON:						
CHUM OR KETA . . . . .	-	-	3,100	\$287	-	-
PINK . . . . .	-	-	31,200	3,521	-	-
RED OR SOCKEYE . . . . .	-	-	19,800	5,150	-	-
SILVER OR COHO . . . . .	-	-	3,300	431	-	-
TOTAL SALMON . . . . .	-	-	57,400	9,389	-	-
CRABS, DUNGENESS . . . . .	-	-	-	-	4,064,600	\$528,400
SHRIMP . . . . .	36,900	\$1,844	-	-	-	-
OCTOPUS . . . . .	200	48	-	-	-	-
TOTAL . . . . .	37,100	1,892	57,400	9,389	4,064,600	528,400
SPECIES	POTS - CONTINUED					
	CRAB - CONTINUED			SHRIMP		
	KING		TANNER			
POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	
CRABS:						
KING . . . . .	599,100	\$83,871	-	-	-	
TANNER . . . . .	-	-	2,700	\$273	-	
SHRIMP . . . . .	-	-	-	-	39,000	\$1,950
TOTAL . . . . .	599,100	83,871	2,700	273	39,000	1,950
SPECIES	GILL NETS				LINES	
	ANCHDR, SET OR STAKE		DRIFT		TROLL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ROCKFISHES 2/ . . . . .	-	-	-	-	9,200	\$1,302
SALMON:						
CHINOOK OR KING . . . . .	11,900	\$3,793	248,400	\$75,578	4,147,600	1,744,732
CHUM OR KETA . . . . .	75,500	14,340	2,400,500	461,345	67,700	12,645
PINK . . . . .	150,700	26,525	925,600	174,375	258,200	45,721
RED OR SOCKEYE . . . . .	587,200	205,526	1,726,400	624,319	1,000	376
SILVER OR COHO . . . . .	892,500	249,896	1,206,300	342,762	3,993,000	1,738,491
TOTAL SALMON . . . . .	1,717,800	500,080	6,507,200	1,678,379	8,467,500	3,541,965
STEELHEAD TROUT . . . . .	-	-	20,400	4,695	200	55
TOTAL . . . . .	1,717,800	500,080	6,527,600	1,683,074	8,476,900	3,543,322
SPECIES	LINES - CONTINUED				BY HAND	
	LONG OR SET, AND HAND					
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
HALIBUT . . . . .	21,281,300	\$3,196,064	-	-	-	-
ROCKFISHES 2/ . . . . .	21,700	2,397	-	-	-	-
SABLEFISH . . . . .	1,991,700	192,690	-	-	-	-
ABALONE . . . . .	-	-	-	-	4,400	\$5,839
OYSTERS . . . . .	-	-	-	-	44,800	24,644
KELP (WITH HERRING EGGS) . . . . .	-	-	-	-	377,900	472,428
TOTAL . . . . .	23,294,700	3,391,151	-	-	427,100	502,611

1/ INCLUDES HAUL SEINES.

2/ INCLUDES LINGCOD.

## PACIFIC COAST FISHERIES

CENTRAL REGION OF ALASKA  
OPERATING UNITS BY GEAR, 1967

ITEM	PURSE SEINES 1/		OTTER TRAWLS	
	HERRING	SALMON	FISH	SHRIMP
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS. . . . .	56	2,148	28	121
ON BOATS AND SHORE, REGULAR. . . . .	-	900	-	-
TOTAL . . . . .	56	3,048	28	121
VESSELS, MOTOR. . . . .	10	358	7	35
GROSS TONNAGE . . . . .	363	5,014	260	2,124
BOATS, MOTOR. . . . .	10	962	-	-
GEAR:				
NUMBER. . . . .	10	660	7	35
LENGTH, YARDS . . . . .	3,500	238,000	-	-
YARDS AT MOUTH. . . . .	-	-	105	525
	POTS			
	CRAB			SHRIMP
	DUNGENESS	KING	TANNER	
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS. . . . .	63	981	131	11
ON BOATS AND SHORE, REGULAR. . . . .	60	40	-	-
TOTAL . . . . .	123	1,021	131	11
VESSELS, MOTOR. . . . .	20	275	35	3
GROSS TONNAGE . . . . .	928	20,803	3,093	159
BOATS, MOTOR. . . . .	30	20	-	-
GEAR, NUMBER. . . . .	6,500	27,000	3,406	150
	GILL NETS		LINES	
	ANCHOR SET OR STAKE	DRIFT	TROLL	LONG OR SET, AND HAND
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS. . . . .	36	266	10	278
ON BOATS AND SHORE, REGULAR. . . . .	572	1,600	15	40
TOTAL . . . . .	608	1,866	25	318
VESSELS, MOTOR. . . . .	18	133	5	58
GROSS TONNAGE . . . . .	283	1,419	157	2,709
BOATS, MOTOR. . . . .	572	1,064	10	20
GEAR:				
NUMBER. . . . .	590	1,197	60	2,650
LENGTH, YARDS . . . . .	136,000	280,000	-	-
SQUARE YARDS. . . . .	495,000	1,192,000	-	-
HOOKS OR BAITS. . . . .	-	-	360	240,000
	DREDGES, SCALLOP	SHOVELS	BY HAND	TOTAL, EX- CLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS. . . . .	9	-	-	3,754
ON BOATS AND SHORE, REGULAR. . . . .	-	58	100	3,100
TOTAL . . . . .	9	58	100	6,854
VESSELS, MOTOR. . . . .	2	-	-	841
GROSS TONNAGE . . . . .	628	-	-	31,758
BOATS, MOTOR. . . . .	-	-	50	2,500
GEAR:				
NUMBER. . . . .	2	58	200	-
YARDS AT MOUTH. . . . .	16	-	-	-

1/ INCLUDES HAUL SEINES.

# PACIFIC COAST FISHERIES

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## CENTRAL REGION OF ALASKA LANDINGS OF CATCH BY GEAR, 1967

SPECIES	PURSE SEINES 1/		OTTER TRAWLS			
			FISH		SHRIMP	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
HERRING, SEA . . . . .	5,177,200	\$77,657	-	-	-	-
ROCKFISHES . . . . .	-	-	60,100	\$3,769	-	-
SALMON:						
CHINOOK OR KING . . . . .	69,800	15,961	-	-	-	-
CHUM OR KETA . . . . .	6,396,200	549,506	-	-	-	-
PINK . . . . .	14,049,100	1,482,503	-	-	-	-
RED OR SOCKEYE . . . . .	5,563,400	1,251,670	-	-	-	-
SILVER OR COHO . . . . .	354,600	55,372	-	-	-	-
TOTAL SALMON . . . . .	26,433,100	3,355,012	-	-	-	-
STEELHEAD TROUT . . . . .	(2)	7	-	-	-	-
SHRIMP . . . . .	-	-	-	-	38,909,000	\$1,556,362
TOTAL . . . . .	31,610,300	3,432,676	60,100	3,769	38,909,000	1,556,362
SPECIES	POTS					
	DUNGENESS		CRAB KING		TANNER	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CRABS:						
DUNGENESS . . . . .	7,533,100	\$979,306	-	-	-	-
KING . . . . .	-	-	83,010,700	\$9,593,163	-	-
TANNER . . . . .	-	-	-	-	115,700	\$11,566
TOTAL . . . . .	7,533,100	979,306	83,010,700	9,593,163	115,700	11,566
SPECIES	POTS - CONTINUED		GILL NETS			
	SHRIMP		ANCHOR, SET OR STAKE		DRIFT	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
SALMON:						
CHINOOK OR KING . . . . .	-	-	164,900	\$50,551	291,700	\$57,970
CHUM OR KETA . . . . .	-	-	760,000	67,478	2,459,300	215,383
PINK . . . . .	-	-	412,300	46,487	217,200	22,753
RED OR SOCKEYE . . . . .	-	-	3,632,600	932,701	9,583,400	2,530,232
SILVER OR COHO . . . . .	-	-	907,000	134,746	2,547,300	424,857
TOTAL SALMON . . . . .	-	-	5,876,800	1,231,963	15,098,900	3,261,195
WHITEFISH . . . . .	-	-	1,900	418	-	-
SHRIMP . . . . .	100,300	\$4,010	-	-	-	-
TOTAL . . . . .	100,300	4,010	5,878,700	1,232,381	15,098,900	3,261,195
SPECIES	LINES				DREDGES, SCALLOP	
	TROLL		LONG OR SET, AND HAND			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
HALIBUT . . . . .	-	-	5,874,600	\$814,936	-	-
SABLEFISH . . . . .	-	-	95,800	8,709	-	-
SALMON:						
CHINOOK OR KING . . . . .	21,100	\$4,850	-	-	-	-
CHUM OR KETA . . . . .	700	63	-	-	-	-
PINK . . . . .	6,300	660	-	-	-	-
RED OR SOCKEYE . . . . .	1,600	410	-	-	-	-
SILVER OR COHO . . . . .	200,700	34,097	-	-	-	-
TOTAL SALMON . . . . .	230,400	40,080	-	-	-	-
SCALLOPS, SEA . . . . .	-	-	-	-	800	\$545
TOTAL . . . . .	230,400	40,080	5,970,400	823,645	800	545
SPECIES	SHOVELS				BY HAND	
	POUNDS		VALUE			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CLAMS, RAZOR . . . . .	60,000	\$29,571	-	-	-	-
HELP (WITH HERRING EGGS) . . . . .	-	-	21,700	\$16,264	-	-
TOTAL . . . . .	60,000	29,571	21,700	16,264	-	-

1/ INCLUDES HAUL SEINES.

2/ LESS THAN 50 POUNDS.

# PACIFIC COAST FISHERIES

## WESTERN REGION OF ALASKA

### OPERATING UNITS BY GEAR, 1967

ITEM	PURSE SEINES, SALMON 1/	POTS, CRAB, KING	GILL NETS		OIP NETS, COMMON	FISH WHEELS	TOTAL, EXCLUSIVE OF DUPLI- CATION
			ANCHOR, SET OR STAKE	DRIFT			
	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>
FISHERMEN: ON VESSELS . . . . .	124	228	2	318	-	-	668
ON BOATS AND SHORE, REGULAR . . . . .	-	36	1,300	2,700	5	8	3,998
TOTAL . . . . .	124	264	1,302	3,018	5	8	4,606
VESSELS, MOTOR . . . . .	25	57	1	159	-	-	241
GROSS TONNAGE . . . . .	595	7,913	8	1,335	-	-	9,805
BOATS, MOTOR . . . . .	25	12	1,148	1,961	-	-	3,076
GEAR: NUMBER . . . . .	25	5,350	1,149	2,126	5	8	-
LENGTH, YARDS . . . . .	11,100	-	200,000	580,000	-	-	-
SQUARE YARDS . . . . .	-	-	720,000	2,000,000	-	-	-

1/INCLUDES HAUL SEINES.

## WESTERN REGION OF ALASKA

### LANDINGS OF CATCH BY GEAR, 1967

SPECIES	PURSE SEINES 1/		POTS, CRAB, KING		GILL NETS	
					ANCHOR, SET OR STAKE	
	<u>POUNDS</u>	<u>VALUE</u>	<u>POUNDS</u>	<u>VALUE</u>	<u>POUNDS</u>	<u>VALUE</u>
ARCTIC CHAR . . . . .	-	-	-	-	5,300	\$1,051
LAKE TROUT . . . . .	-	-	-	-	2,800	550
PIKE OR PICKEREL . . . . .	-	-	-	-	100	18
ROCKFISHES . . . . .	-	-	-	-	700	70
SALMON:						
CHINOOK OR KING . . . .	100	\$10	-	-	2,467,000	431,086
CHUM OR KETA . . . . .	145,200	10,398	-	-	1,032,600	80,444
PINK . . . . .	27,200	2,804	-	-	105,800	7,353
RED OR SOCKEYE . . . . .	72,500	13,158	-	-	3,079,400	573,415
SILVER DR COHO . . . . .	17,400	1,725	-	-	343,000	37,564
TOTAL SALMON . . . . .	262,500	28,095	-	-	7,027,800	1,129,992
SHEEFISH . . . . .	-	-	-	-	2,700	574
WHITEFISH . . . . .	-	-	-	-	10,600	2,320
CRABS, KING . . . . .	-	-	44,106,100	\$5,292,734	-	-
GRAND TOTAL . . . . .	262,500	28,095	44,106,100	5,292,734	7,050,000	1,134,675
SPECIES	GILL NETS - CONTINUED		OIP NETS, COMMON		FISH WHEELS	
	DRIFT					
	<u>POUNDS</u>	<u>VALUE</u>	<u>POUNDS</u>	<u>VALUE</u>	<u>POUNDS</u>	<u>VALUE</u>
HERRING, SEA . . . . .	258,900	\$4,034	-	-	-	-
SALMON:						
CHINOOK OR KING . . . .	4,051,100	577,194	-	-	21,800	\$3,819
CHUM OR KETA . . . . .	3,344,000	291,421	-	-	300	24
PINK . . . . .	3,600	572	-	-	-	-
RED OR SOCKEYE . . . . .	25,467,900	4,743,192	-	-	-	-
SILVER DR COHO . . . . .	856,100	101,619	-	-	-	-
TOTAL SALMON . . . . .	33,722,700	5,813,798	-	-	22,100	3,843
WHITEFISH . . . . .	1,400	330	1,800	\$458	-	-
GRAND TOTAL . . . . .	33,993,000	5,818,162	1,800	458	22,100	3,843

1/INCLUDES HAUL SEINES.

# PACIFIC COAST FISHERIES ALASKA

## NUMBER OF SALMON LANDED, BY REGIONS, 1967

SPECIES	SOUTHEASTERN ALASKA		CENTRAL ALASKA	
	NUMBER	VALUE	NUMBER	VALUE
CHINOOK OR KING . . . . .	300,987	\$1,848,758	25,812	\$139,332
CHUM OR KETA . . . . .	1,810,412	1,868,108	1,197,695	832,430
PINK . . . . .	3,111,251	1,677,899	3,409,185	1,252,403
RED OR SOCKEYE . . . . .	971,541	1,819,797	3,048,567	4,715,013
SILVER OR COHO . . . . .	866,226	2,552,695	450,307	649,072
TOTAL . . . . .	7,060,417	9,767,257	8,131,566	7,888,250

SPECIES	WESTERN ALASKA		TOTAL	
	NUMBER	VALUE	NUMBER	VALUE
CHINOOK OR KING . . . . .	283,940	\$1,112,109	610,739	\$3,100,199
CHUM OR KETA . . . . .	646,246	382,287	3,654,353	3,082,625
PINK . . . . .	36,783	10,559	6,359,219	3,240,861
RED OR SOCKEYE . . . . .	4,556,906	5,329,765	8,577,014	11,864,575
SILVER OR COHO . . . . .	172,303	141,008	1,486,836	3,342,775
TOTAL . . . . .	5,696,178	6,975,728	20,890,161	24,631,295

NOTE:--SALMON LANDINGS ARE REPORTED IN NUMBERS OF FISH. THE ROUND WEIGHTS USED IN LANDINGS TABLES WERE OBTAINED BY MULTIPLYING NUMBER OF FISH BY THEIR AVERAGE WEIGHT.

## AVERAGE WEIGHTS OF SALMON, BY REGIONS, 1967, 1966, AND 1965

SPECIES	1967			ALL REGIONS		
	SOUTHEASTERN	CENTRAL	WESTERN	1967	1966	1965
	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
CHINOOK OR KING . . . . .	15.1	21.2	23.0	19.0	17.0	18.9
CHUM OR KETA . . . . .	9.6	8.0	7.0	8.6	8.0	8.7
PINK . . . . .	4.5	4.3	3.5	4.4	3.9	3.7
RED OR SOCKEYE . . . . .	6.3	6.2	6.3	6.2	6.5	4.7
SILVER OR COHO . . . . .	9.0	8.9	7.1	8.7	8.0	8.8

## WHOLESALE AND PROCESSING, 1967

ITEM	SOUTHEASTERN ALASKA	CENTRAL ALASKA	WESTERN ALASKA	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER
WHOLESALE AND PROCESSING, PERSONS ENGAGED . . . . .	2,264	3,474	2,508	8,214
ESTABLISHMENTS:				
HANDLING FRESH AND FROZEN FISH AND SHELLFISH . . . . .	29	38	30	95
CURING FISH . . . . .	6	10	12	30
CURING ROE . . . . .	21	13	14	48
CANNING FISH AND SHELLFISH . . . . .	26	42	20	88
MANUFACTURING INDUSTRIAL PRODUCTS . . . . .	-	1	-	1
TOTAL ESTABLISHMENTS, (EXCLUSIVE OF DUPLICATION) . . . . .	54	71	57	157

# PACIFIC COAST FISHERIES

## WASHINGTON

### LANDINGS BY DISTRICTS, 1967

SPECIES	PUGET SOUND		COASTAL		COLUMBIA RIVER	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FISH						
CARP . . . . .	-	-	-	-	932,800	\$4,627
COO . . . . .	8,683,700	\$459,369	18,300	\$931	-	-
FLOUNDERS:						
"SOLE" . . . . .	10,659,200	789,769	409,200	37,941	-	-
"OTHER" . . . . .	1,329,000	65,914	4,000	195	5,100	77
HAKE . . . . .	9,564,900	79,249	19,221,300	153,665	-	-
HALIBUT . . . . .	12,474,500	2,375,044	20,700	2,845	200	21
HERRING, SEA . . . . .	6,447,400	205,260	-	-	-	-
LINGCOD . . . . .	6,103,800	333,301	256,800	12,737	4,000	191
OCEAN PERCH . . . . .	13,718,800	777,129	600	31	-	-
PERCH . . . . .	162,000	18,896	700	51	-	-
POLLOCK . . . . .	96,000	1,607	-	-	-	-
RATFISH . . . . .	1,024,600	8,276	-	-	-	-
ROCKFISHES . . . . .	6,952,200	393,478	285,100	12,028	84,500	1,677
SABLEFISH . . . . .	541,000	60,070	-	-	-	-
SALMON:						
CHINOOK OR KING . . . . .	2,023,400	884,307	1,936,000	874,452	1,981,300	641,428
CHUM OR KETA . . . . .	2,692,200	748,253	236,700	41,408	1,900	254
PINK . . . . .	20,475,400	2,651,804	1,134,900	176,537	53,900	8,300
RED OR SOCKEYE . . . . .	12,129,800	4,084,815	137,400	61,728	106,800	38,880
SILVER OR COHO . . . . .	3,574,100	1,288,549	4,018,500	1,495,531	2,870,000	994,092
TOTAL SALMON . . . . .	40,894,900	9,657,728	7,465,500	2,649,656	5,013,900	1,682,954
SHAD . . . . .	-	-	700	36	256,000	15,888
SHARKS:						
GRAYFISH . . . . .	1,253,600	8,146	-	-	-	-
OTHER . . . . .	500	3	-	-	-	-
TOTAL SHARKS . . . . .	1,254,100	8,149	-	-	-	-
SKATES . . . . .	344,500	4,327	-	-	-	-
SMELT:						
EULACHON . . . . .	1,100	706	-	-	772,900	80,137
SURF OR SILVER . . . . .	56,500	6,141	207,400	17,571	-	-
STEELHEAD TROUT . . . . .	50,000	15,000	120,000	35,000	23,400	6,260
STURGEON, COMMON . . . . .	27,600	2,188	177,600	16,031	55,700	6,696
TOMCOO . . . . .	209,600	3,660	-	-	-	-
TUNA, ALBACORE . . . . .	30,400	6,080	200,900	38,709	1,008,200	204,688
TOTAL FISH . . . . .	120,624,800	15,262,361	28,388,800	2,977,427	8,156,700	2,003,216
SHELLFISH, ETC.						
CRABS, DUNGENESS 1/ . . . . .	872,500	134,364	7,818,900	1,294,764	809,500	130,829
SHRIMP:						
BAY . . . . .	29,800	14,496	-	-	-	-
OCEAN . . . . .	-	-	1,028,700	82,300	-	-
CLAMS:						
HARD: 2/						
BUTTER . . . . .	47,900	11,639	-	-	-	-
LITTLE NECK . . . . .	133,600	64,563	4,000	2,426	-	-
MANILA . . . . .	98,900	55,680	10,200	5,791	-	-
RAZOR 3/ . . . . .	-	-	172,400	107,566	-	-
TOTAL CLAMS . . . . .	280,400	131,882	186,600	115,783	-	-
OCTOPUS . . . . .	32,500	4,308	-	-	-	-
OYSTERS, MARKET:						
PACIFIC 4/ . . . . .	2,832,900	1,164,210	3,664,300	1,465,725	-	-
WESTERN 5/ . . . . .	42,300	137,592	-	-	-	-
TOTAL OYSTERS . . . . .	2,875,200	1,301,802	3,664,300	1,465,725	-	-
SQUID . . . . .	1,200	240	-	-	-	-
TOTAL SHELLFISH ETC.. . . . .	4,091,600	1,587,092	12,698,500	2,958,572	809,500	130,829
GRAND TOTAL . . . . .	124,716,400	16,849,453	41,087,300	5,935,999	8,966,200	2,134,045

1/ CRABS AVERAGED 22 POUNDS PER DOZEN IN THE PUGET SOUND DISTRICT, 26 POUNDS PER DOZEN IN THE COASTAL DISTRICT, AND 24 POUNDS PER DOZEN IN THE COLUMBIA RIVER DISTRICT.

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.

5/ BASED ON A YIELD OF 18 PERCENT MEATS.

# PACIFIC COAST FISHERIES

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## PUGET SOUND DISTRICT OF WASHINGTON OPERATING UNITS, 1967

ITEM	HAUL SEINES 1/	PURSE SEINES		BEAM TRAWLS, SHRIMP	OTTER TRAWLS		BRUSH WEIRS NUMBER
		HERRING	SALMON		FISH	MIG-WATER	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS . . . . .	36	43	2,308	2	345	23	-
ON BOATS AND SHORE, REGULAR . . . . .	192	-	5	2	-	-	4
TOTAL . . . . .	228	43	2,313	4	345	23	4
VESSELS, MOTOR . . . . .	12	6	343	1	93	6	-
GROSS TONNAGE . . . . .	133	277	12,676	12	4,735	379	-
BOATS:							
MOTOR . . . . .	57	6	345	1	-	-	1
OTHER . . . . .	20	-	-	-	-	-	-
GEAR:							
NUMBER . . . . .	89	6	344	2	93	6	1
LENGTH, YARDS . . . . .	7,000	2,550	184,500	-	2,026	-	-
YARDS AT MOUTH . . . . .	-	-	-	16	-	198	-

ITEM	POUND NETS FISH 2/	POTS			GILL NETS		LINES HAND
		CRAB	OCTOPUS	SHRIMP	ANCHOR, SET OR STAKE 2/	DRIFT, SALMON	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS . . . . .	-	33	-	-	-	346	-
ON BOATS AND SHORE, REGULAR . . . . .	8	70	4	15	150	756	14
TOTAL . . . . .	8	103	4	15	150	1,102	14
VESSELS, MOTOR . . . . .	-	16	-	-	-	265	-
GROSS TONNAGE . . . . .	-	406	-	-	-	2,902	-
BOATS:							
MOTOR . . . . .	2	49	2	10	120	667	14
OTHER . . . . .	-	1	-	2	25	-	-
GEAR:							
NUMBER . . . . .	2	4,850	150	300	145	952	28
SQUARE YARDS . . . . .	-	-	-	-	36,500	5,850,000	-
HOOKS OR BAITS . . . . .	-	-	-	-	-	-	56

ITEM	LINES - CONTINUED						DREDGES CLAM
	TROLL			LONG OR SET WITH HOOKS	DIP NETS	REEF NETS	
	SALMON	TUNA	OTHER				
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS . . . . .	310	10	5	400	12	-	2
ON BOATS AND SHORE, REGULAR . . . . .	435	-	11	-	14	252	-
TOTAL . . . . .	745	10	16	400	26	252	2
VESSELS, MOTOR . . . . .	204	4	5	69	4	-	1
GROSS TONNAGE . . . . .	3,279	143	58	3,416	32	-	10
BOATS:							
MOTOR . . . . .	363	-	11	-	6	-	-
OTHER . . . . .	-	-	-	-	-	126	-
GEAR:							
NUMBER . . . . .	2,450	40	32	3,126	26	63	1
YARDS AT MOUTH . . . . .	-	-	64	-	-	-	1
HOOKS OR BAITS . . . . .	10,450	-	40	293,590	-	-	-

ITEM	DREDGES - CONTINUED		SHOVELS	BY HAND, OYSTER	TOTAL, EX- CLUSIVE OF DUPLICATION
	OYSTER				
	COMMON	SUCTION			
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS . . . . .	16	1	-	-	3,561
ON BOATS AND SHORE, REGULAR . . . . .	6	-	135	130	2,153
TOTAL . . . . .	22	1	135	130	5,714
VESSELS, MOTOR . . . . .	7	1	-	-	935
GROSS TONNAGE . . . . .	134	41	-	-	25,302
BOATS:					
MOTOR . . . . .	3	-	-	30	1,670
OTHER . . . . .	-	-	-	15	189
GEAR:					
NUMBER . . . . .	20	1	135	-	-
YARDS AT MOUTH . . . . .	40	-	-	-	-

1/ INCLUDES 28 HAUL SEINES OPERATED ON INDIAN RESERVATIONS.

2/ FISHED ON INDIAN RESERVATIONS.

## PACIFIC COAST FISHERIES

**PUGET SOUND DISTRICT OF WASHINGTON  
 LANDINGS OF CATCH BY GEAR, 1967**

SPECIES	HAUL SEINES, COMMON 1/		PURSE SEINES			
			HERRING		SALMON	
			POUNDS	VALUE	POUNDS	VALUE
FLOUNDERS, "SOLE"	200	\$11	-	-	-	-
HERRING, SEA.	402,100	81,379	5,795,400	\$73,908	-	-
LINGCOD	100	-	-	-	700	\$56
PERCH	156,100	18,298	-	-	-	-
ROCKFISHES	2,100	103	-	-	-	-
SALMON:						
CHINOOK OR KING	69,900	30,506	-	-	675,200	354,094
CHUM OR KETA.	19,300	5,612	-	-	1,268,100	389,248
PINK	140,400	17,229	-	-	16,892,400	2,120,000
RED OR SOCKEYE.	-	-	-	-	8,000,800	2,645,070
SILVER OR COHO.	24,500	7,064	-	-	670,900	217,581
SMELT:						
EULACHON.	1,100	706	-	-	-	-
SURF OR SILVER.	51,600	5,652	-	-	-	-
STURGEON, COMMON.	-	-	-	-	100	32
SQUID	1,200	240	-	-	-	-
TOTAL	868,600	166,808	5,796,400	73,908	27,708,200	5,736,071

SPECIES	BEAM TRAWLS, SHRIMP		OTTER TRAWLS			
			FISH		MID-WATER	
			POUNDS	VALUE	POUNDS	VALUE
COD	-	-	8,683,000	\$459,330	-	-
FLOUNDERS:						
"SOLE"	-	-	10,658,000	789,758	-	-
OTHER	-	-	1,329,000	65,914	-	-
HAKE	-	-	1,337,700	12,609	8,227,200	\$66,640
LINGCOD	-	-	5,882,000	312,390	-	-
OCEAN PERCH	-	-	13,648,700	773,416	70,100	3,713
PERCH	-	-	5,900	598	-	-
POLLOCK	-	-	96,000	1,607	-	-
RATFISH	-	-	1,022,600	8,265	-	-
ROCKFISHES	-	-	6,981,900	380,571	-	-
SABLEFISH	-	-	260,400	19,850	-	-
SHARKS:						
GRAY IN	-	-	1,249,200	8,120	-	-
OTHER	-	-	500	3	-	-
SKATES	-	-	344,500	4,327	-	-
STURGEON, COMMON	-	-	27,400	2,150	-	-
TOMCOD	-	-	209,600	3,660	-	-
SHRIMP, BAY	10,800	\$3,556	-	-	-	-
OCTOPUS	-	-	20,600	2,158	-	-
TOTAL	10,800	3,556	51,657,200	2,844,726	8,297,300	70,353

SPECIES	BRUSH WEIRS		POUND NETS, FISH 2/		POTS	
					CRAB	
					POUNDS	VALUE
HERRING, SEA.	116,600	\$19,338	-	-	-	-
SALMON:						
CHINOOK OR KING	-	-	20,200	\$8,635	-	-
CHUM OR KETA.	-	-	700	214	-	-
PINK	-	-	33,000	3,965	-	-
RED OR SOCKEYE.	-	-	3,900	1,321	-	-
SILVER OR COHO.	-	-	32,600	10,201	-	-
CRABS, DUNGENESS 3/	-	-	-	-	672,500	\$134,364
TOTAL	116,600	19,338	90,400	24,336	672,500	134,364

SPECIES	POTS - CONTINUED				GILL NETS	
	OCTOPUS		SHRIMP		ANCHOR, SET OR STAKE 2/	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
SALMON:						
CHINOOK OR KING	-	-	-	-	281,000	\$116,435
CHUM OR KETA.	-	-	-	-	530,600	91,270
PINK	-	-	-	-	166,000	23,043
RED OR SOCKEYE.	-	-	-	-	2,200	873
SILVER OR COHO.	-	-	-	-	214,200	66,536
STEELHEAD TROUT	-	-	-	-	50,000	15,000
SHRIMP, BAY	-	-	19,000	\$10,940	-	-
OCTOPUS	-	-	-	-	-	-
TOTAL	11,700	\$2,132	19,000	10,940	1,246,000	313,157

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

# PACIFIC COAST FISHERIES

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## PUGET SOUND DISTRICT OF WASHINGTON LANDINGS OF CATCH BY GEAR, 1967 - Continued

SPECIES	GILL NETS - CONTINUED		LINES			
	DRIFT, SALMON		HAND		TROLL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
COD . . . . .	-	-	-	-	700	\$39
HALIBUT . . . . .	-	-	400	\$68	43,600	7,768
LINGCOD . . . . .	1,800	\$137	15,200	1,432	74,600	4,520
RATFISH . . . . .	1,800	11	-	-	-	-
ROCKFISHES . . . . .	200	6	15,500	811	21,400	663
SABLEFISH . . . . .	-	-	-	-	400	37
SALMON:						
CHINOOK OR KING . . . . .	503,800	222,008	-	-	248,500	132,535
CHUM OR KETA . . . . .	871,000	261,401	-	-	1,800	326
PINK . . . . .	1,809,100	269,195	-	-	791,100	138,485
RED OR SOCKEYE . . . . .	3,529,600	1,241,343	-	-	1,000	380
SILVER OR COHO . . . . .	1,045,200	357,245	-	-	1,565,100	623,371
SHARKS, GRAYFISH . . . . .	2,200	13	2,200	13	-	-
STURGEON, COMMON . . . . .	100	6	-	-	-	-
OCTOPUS . . . . .	-	-	200	18	-	-
<b>TOTAL . . . . .</b>	<b>7,764,800</b>	<b>2,351,365</b>	<b>33,500</b>	<b>2,342</b>	<b>2,748,400</b>	<b>908,124</b>

SPECIES	LINES - CONTINUED					
	TROLL - CONTINUED				LONG OR SET WITH HOOKS	
	TUNA		OTHER		POUNDS	VALUE
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
HALIBUT . . . . .	-	-	-	-	12,430,300	\$2,367,208
LINGCOD . . . . .	-	-	114,600	\$14,064	14,800	694
ROCKFISHES . . . . .	-	-	-	-	31,100	1,324
SABLEFISH . . . . .	-	-	-	-	280,200	40,183
TUNA, ALBACORE . . . . .	30,400	\$6,080	-	-	-	-
<b>TOTAL . . . . .</b>	<b>30,400</b>	<b>6,080</b>	<b>114,600</b>	<b>14,064</b>	<b>12,756,400</b>	<b>2,409,409</b>

SPECIES	DIP NETS		REEF NETS		DREDGES	
	CLAM					
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
HERRING, SEA . . . . .	142,300	\$31,655	-	-	-	-
SALMON:						
CHINOOK OR KING . . . . .	-	-	24,800	\$10,104	-	-
CHUM OR KETA . . . . .	-	-	700	182	-	-
PINK . . . . .	-	-	641,400	79,887	-	-
RED OR SOCKEYE . . . . .	-	-	592,300	195,828	-	-
SILVER OR COHO . . . . .	-	-	21,600	6,551	-	-
SMELT, SURF OR SILVER . . . . .	4,900	489	-	-	-	-
CLAMS, HARD, BUTTER <sup>4/</sup> . . . . .	-	-	-	-	38,200	\$8,598
<b>TOTAL . . . . .</b>	<b>147,200</b>	<b>32,144</b>	<b>1,280,800</b>	<b>292,552</b>	<b>38,200</b>	<b>8,598</b>

SPECIES	DREDGES - CONTINUED			
	OYSTER AND BY HAND		SHOVELS	
	POUNDS	VALUE	POUNDS	VALUE
CLAMS, HARD: <sup>4/</sup>				
BUTTER . . . . .	-	-	9,700	\$3,041
LITTLE NECK . . . . .	-	-	133,600	64,563
MANILA . . . . .	-	-	98,900	55,680
OYSTERS, MARKET: <sup>5/</sup>				
PACIFIC . . . . .	2,832,900	\$1,164,210	-	-
WESTERN . . . . .	42,300	137,592	-	-
<b>TOTAL . . . . .</b>	<b>2,875,200</b>	<b>1,301,802</b>	<b>242,200</b>	<b>123,284</b>

1/ THE SALMON CAUGHT BY HAUL SEINES WERE TAKEN ON INDIAN RESERVATIONS.

2/ FISHERY ONLY ON INDIAN RESERVATIONS.

3/ BASED ON AN AVERAGE OF 22 POUNDS PER DOZEN.

4/ BASED ON A YIELD OF 25 PERCENT MEATS.

5/ BASED ON A YIELD OF 10 PERCENT MEATS FOR PACIFIC OYSTERS AND 18 PERCENT FOR WESTERN OR NATIVE OYSTERS.

## PACIFIC COAST FISHERIES

## COASTAL DISTRICT OF WASHINGTON - OPERATING UNITS, 1967

ITEM	HAUL SEINES, COMMON	PURSE SEINES, SALMON 1/	OTTER TRAWLS			POTS, CRAB	GILL NETS	
			FISH	SHRIMP	MID-WATER		ANCHOR, SET OR STAKE 1/	DRIFT
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:								
ON VESSELS . . . . .	-	-	33	9	45	133	-	16
ON BOATS AND SHORE, REGULAR . . . . .	36	5	-	-	-	30	120	195
TOTAL . . . . .	36	5	33	9	45	163	120	211
VESSELS, MOTOR . . . . .	-	-	9	3	11	51	-	14
GROSS TONNAGE . . . . .	-	-	685	116	874	1,359	-	128
BOATS:								
MOTOR . . . . .	9	2	-	-	-	16	100	170
OTHER . . . . .	6	-	-	-	-	-	10	14
GEAR:								
NUMBER . . . . .	9	1	9	3	11	16,100	110	198
LENGTH, YARDS . . . . .	900	400	-	-	-	-	-	-
SQUARE YARDS . . . . .	-	-	-	-	-	-	25,000	406,500
YARDS AT MOUTH . . . . .	-	-	195	57	484	-	-	-

ITEM	LINES			DIP NETS, COMMON 1/	DREDGES - OYSTER COMMON
	TROLL		LONG OR SET WITH HOOKS		
	SALMON	TUNA		NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS . . . . .	652	38	2	-	41
ON BOATS AND SHORE, REGULAR . . . . .	600	-	6	25	6
TOTAL . . . . .	1,252	38	8	25	47
VESSELS, MOTOR . . . . .	421	16	1	-	18
GROSS TONNAGE . . . . .	6,182	384	10	-	402
BOATS:					
MOTOR . . . . .	501	-	4	8	3
OTHER . . . . .	-	-	-	2	-
GEAR:					
NUMBER . . . . .	4,270	156	20	25	42
YARDS AT MOUTH . . . . .	-	-	-	-	84
HOOKE OR BAITS . . . . .	19,390	156	2,000	-	-

ITEM	OREDGES, OYSTER - CONTINUED	SHOVELS, CLAM	BY HAND, OYSTER	TOTAL, EXCLUSIVE OF DUPLICATION
	SUCTION			
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS . . . . .	1	-	-	852
ON BOATS AND SHORE, REGULAR . . . . .	-	1,643	125	2,763
TOTAL . . . . .	1	1,643	125	3,615
VESSELS, MOTOR . . . . .	-	-	-	491
GROSS TONNAGE . . . . .	24	-	-	8,580
BOATS:				
MOTOR . . . . .	-	-	-	798
OTHER . . . . .	-	-	-	32
GEAR, NUMBER . . . . .	1	1,643	-	-

1/ OPERATED ON INDIAN RESERVATIONS.

# PACIFIC COAST FISHERIES

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## COASTAL DISTRICT OF WASHINGTON - LANDINGS OF CATCH BY GEAR, 1967

SPECIES	HAUL SEINES, COMMON		PURSE SEINES, SALMON 1/		OTTER TRAWLS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
COO . . . . .	-	-	-	-	17,300	\$902
FLOUNDERS:						
"SOLE" . . . . .	-	-	-	-	409,200	37,941
OTHER . . . . .	-	-	-	-	3,400	162
HAKE . . . . .	-	-	-	-	20,600	165
LINGCOD . . . . .	-	-	-	-	91,100	4,687
OCEAN PERCH . . . . .	-	-	-	-	600	31
PERCH . . . . .	600	\$44	-	-	-	-
ROCKFISHES . . . . .	-	-	-	-	148,200	7,883
SALMON, SILVER OR COHO . . . . .	-	-	600	\$200	-	-
SMELT, SURF OR SILVER . . . . .	199,500	16,455	-	-	-	-
<b>TOTAL . . . . .</b>	<b>200,100</b>	<b>16,499</b>	<b>600</b>	<b>200</b>	<b>690,400</b>	<b>51,771</b>
SPECIES	OTTER TRAWLS - CONTINUED				POTS, CRAB	
	SHRIMP		MID-WATER			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
HALIBUT . . . . .	-	-	19,200,700	\$153,500	-	-
LINGCOD . . . . .	1,900	\$96	-	-	-	-
ROCKFISHES . . . . .	400	22	-	-	-	-
CRABS, DUNGNESS 2/ . . . . .	-	-	-	-	7,618,900	\$1,294,764
SHRIMP, OCEAN . . . . .	1,028,700	82,300	-	-	-	-
<b>TOTAL . . . . .</b>	<b>1,031,000</b>	<b>82,418</b>	<b>19,200,700</b>	<b>153,500</b>	<b>7,618,900</b>	<b>1,294,764</b>
SPECIES	GILL NETS				LINES	
	ANCHOR, SET OR STAKE 1/		DRIFT		TROLL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
COO . . . . .	-	-	-	-	1,000	\$29
FLOUNDERS, OTHER . . . . .	-	-	200	\$5	400	28
HALIBUT . . . . .	-	-	-	-	20,700	2,845
LINGCOD . . . . .	-	-	-	-	163,800	7,954
PERCH . . . . .	100	\$7	-	-	-	-
ROCKFISHES . . . . .	-	-	-	-	136,500	4,123
SALMON:						
CHINOOK OR KING . . . . .	233,400	68,792	488,500	188,655	1,214,100	617,005
CHUM OR KETA . . . . .	15,300	2,522	222,800	38,777	600	109
PINK . . . . .	-	-	-	-	1,134,900	176,537
RED OR SOCKEYE . . . . .	136,600	61,489	-	-	800	239
SILVER OR COHO . . . . .	259,200	87,449	415,500	137,948	3,343,200	1,269,943
SHAD . . . . .	700	36	-	-	-	-
STEELHEAD TROUT . . . . .	120,000	35,000	-	-	-	-
STURGEON, COMMON . . . . .	-	-	150,700	11,413	-	-
<b>TOTAL . . . . .</b>	<b>765,300</b>	<b>255,286</b>	<b>1,277,700</b>	<b>376,798</b>	<b>6,016,000</b>	<b>2,078,812</b>
SPECIES	LINES - CONTINUED				DIP NETS, COMMON 1/	
	TROLL - CONTINUED		LONG OR SET WITH HOOKS			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
SMELT, SURF OR SILVER . . . . .	-	-	-	-	7,900	\$1,116
STURGEON, COMMON . . . . .	-	-	26,900	\$4,618	-	-
TUNA, ALBACORE . . . . .	200,900	\$38,709	-	-	-	-
<b>TOTAL . . . . .</b>	<b>200,900</b>	<b>38,709</b>	<b>26,900</b>	<b>4,618</b>	<b>7,900</b>	<b>1,116</b>
SPECIES	DREDGES, OYSTER AND BY HAND			SHOVELS, CLAM		
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CLAMS:						
HARD: 3/	-	-	-	-	4,000	\$2,426
LITTLE NECK . . . . .	-	-	-	-	10,200	5,791
MANILA . . . . .	-	-	-	-	172,400	107,566
RAZOR 4/ . . . . .	-	-	-	-	-	-
OYSTERS, MARKET, PACIFIC 5/	3,664,300	\$1,465,725	-	-	-	-
<b>TOTAL . . . . .</b>	<b>3,664,300</b>	<b>1,465,725</b>	<b>186,600</b>	<b>115,783</b>		

1/ FISHED ON INDIAN RESERVATIONS. 2/ CRABS AVERAGED 26 POUNDS PER DOZEN. 3/ BASED ON A YIELD OF 25 PERCENT MEATS. 4/ BASED ON A YIELD OF 42 PERCENT EDIBLE MEATS. 5/ BASED ON A YIELD OF 12 PERCENT MEATS.

## PACIFIC COAST FISHERIES

COLUMBIA RIVER DISTRICT OF WASHINGTON  
OPERATING UNITS, 1967

ITEM	HAUL SEINES, COMMON	POTS, CRAB	GILL NETS		
			ANCHOR, SET OR STAKE 1/	DRIFT	
				SALMON	SMELT
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS . . . . .	-	24	-	8	-
ON BOATS AND SHORE, REGULAR . . . . .	6	6	60	220	20
TOTAL . . . . .	6	30	60	228	20
VESSELS, MOTOR . . . . .	-	11	-	7	-
GROSS TONNAGE . . . . .	-	188	-	64	-
BOATS:					
MOTOR . . . . .	2	3	45	201	20
OTHER . . . . .	-	-	5	-	-
GEAR:					
NUMBER . . . . .	2	2,300	50	208	20
LENGTH, YARDS . . . . .	200	-	-	-	-
SQUARE YARDS . . . . .	-	-	18,000	638,000	18,000

ITEM	LINES, TROLL		DIP NETS, COMMON 2/	TOTAL, EX- CLUSIVE OF DUPLICATION
	SALMON	TUNA		
	NUMBER	NUMBER		
FISHERMEN:				
ON VESSELS . . . . .	286	125	-	341
ON BOATS AND SHORE, REGULAR . . . . .	555	6	97	930
TOTAL . . . . .	841	131	97	1,271
VESSELS, MOTOR . . . . .	172	63	-	199
GROSS TONNAGE . . . . .	2,351	1,165	-	2,896
BOATS:				
MOTOR . . . . .	463	4	26	729
OTHER . . . . .	-	-	-	5
GEAR:				
NUMBER . . . . .	2,700	589	97	-
HOOKS OR BAITS . . . . .	11,500	589	-	-

1/ OPERATED ONLY ON INDIAN RESERVATIONS.  
2/ INCLUDES 44 DIP NETS OPERATED ON INDIAN RESERVATIONS.

COLUMBIA RIVER DISTRICT OF WASHINGTON  
LANDINGS OF CATCH BY GEAR, 1967

SPECIES	HAUL SEINES, COMMON		POTS, CRAB		GILL NETS	
	POUNDS	VALUE	POUNDS	VALUE	ANCHOR, SET OR STAKE 1/	
					POUNDS	VALUE
CARP . . . . .						
SALMON:	932,800	\$4,627	-	-	-	-
CHINOOK OR KING . . . . .	-	-	-	-	708,300	\$168,167
RED OR SOCKEYE . . . . .	-	-	-	-	92,400	33,402
SILVER OR COHO . . . . .	-	-	-	-	77,500	13,713
SHAD . . . . .	-	-	-	-	4,500	292
STEELHEAD TROUT . . . . .	-	-	-	-	2,400	600
STURGEON, COMMON . . . . .	-	-	-	-	4,400	700
CRABS, DUNGNESS 2/ . . . . .	-	-	809,500	\$130,829	-	-
TOTAL . . . . .	932,800	4,627	809,500	130,829	889,500	216,874

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

# PACIFIC COAST FISHERIES

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## COLUMBIA RIVER DISTRICT OF WASHINGTON LANDINGS OF CATCH BY GEAR, 1967 - Continued

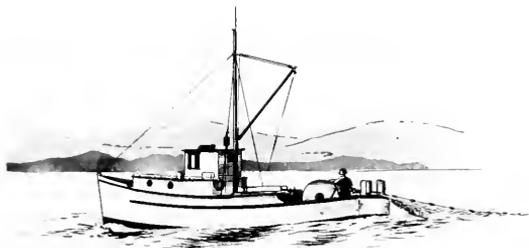
SPECIES	GILL NETS - CONTINUED				LINES	
	DRIFT				TROLL	
	SALMON		SMELT		SALMON	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FLOUNDERS, OTHER. . . . .	5,100	\$77	-	-	-	-
HALIBUT . . . . .	-	-	-	-	200	\$21
LINGCOD . . . . .	-	-	-	-	4,000	191
ROCKFISHES. . . . .	-	-	-	-	84,500	1,677
SALMON:						
CHINOOK OR KING . . . . .	941,700	324,918	-	-	266,300	126,283
CHUM OR KETA. . . . .	1,900	254	-	-	-	-
PINK. . . . .	-	-	-	-	53,900	8,300
REO OR SOCKEYE. . . . .	14,400	5,478	-	-	-	-
SILVER OR COHO. . . . .	676,000	177,795	-	-	2,085,100	796,073
SHAD, . . . . .	251,500	15,596	-	-	-	-
SMELT, EULACHON . . . . .	-	-	124,600	\$17,772	-	-
STEELHEAD TROUT . . . . .	21,000	5,660	-	-	-	-
STURGEON, COMMON. . . . .	51,300	5,996	-	-	-	-
TOTAL . . . . .	1,962,900	535,774	124,600	17,772	2,494,000	932,545

SPECIES	LINES - CONTINUED		DIP NETS, COMMON	
	TROLL - CONTINUED			
	TUNA			
	POUNDS	VALUE	POUNDS	VALUE
SALMON:				
CHINOOK OR KING . . . . .	-	-	65,000	\$22,060
SILVER OR COHO. . . . .	-	-	31,400	6,511
SMELT, EULACHON . . . . .	-	-	648,300	62,365
TUNA, ALBACORE. . . . .	1,008,200	\$204,688	-	-
TOTAL . . . . .	1,008,200	204,688	744,700	90,936

1/ FISHED ONLY ON INDIAN RESERVATIONS.

2/ BASED ON AN AVERAGE YIELD OF 24 POUNDS PER DOZEN.



SALMON GILL NETTER

# PACIFIC COAST FISHERIES

## OREGON

### LANDINGS BY DISTRICTS, 1967

SPECIES	COLUMBIA RIVER		COASTAL	
	POUNDS	VALUE	POUNDS	VALUE
FISH				
COD . . . . .	450,700	\$22,029	2,600	\$124
FLOUNDERS: <sup>1/</sup> . . . . .				
"SOLE" . . . . .	8,148,800	542,627	4,862,700	305,931
OTHER . . . . .	390,400	14,157	41,400	1,943
HAKE . . . . .	17,800	142	-	-
HALIBUT . . . . .	9,900	1,856	116,400	21,234
HERRING, SEA . . . . .	-	-	83,400	21,000
LINGCOD . . . . .	899,100	43,486	345,000	16,527
OCEAN PERCH . . . . .	997,700	50,860	709,100	32,617
PERCH . . . . .	1,500	150	200	18
ROCKFISHES . . . . .	3,287,500	166,759	1,479,300	65,033
SABLEFISH . . . . .	51,100	2,415	596,300	62,229
SALMON:				
CHINOOK OR KING . . . . .	3,576,700	1,219,598	1,078,400	548,908
CHUM OR KETA . . . . .	7,700	730	-	-
PINK . . . . .	118,400	20,725	1,116,200	179,710
RED OR SOCKEYE . . . . .	117,400	43,524	-	-
SILVER DR COHD. . . . .	4,425,900	1,296,427	6,930,400	2,657,813
TOTAL SALMON . . . . .	8,246,100	2,581,004	9,125,000	3,386,431
SHAD . . . . .	601,400	31,455	475,000	52,725
SKATES . . . . .	27,000	703	99,500	2,488
SMELT:				
EULACHON . . . . .	228,000	33,060	-	-
SURF OR SILVER . . . . .	-	-	3,600	350
STEELHEAD TROUT . . . . .	425,400	111,984	-	-
STRIPED BASS . . . . .	-	-	31,600	4,425
STURGEON, COMMON . . . . .	153,300	17,424	4,300	215
TUNA:				
ALBACORE . . . . .	16,773,600	3,396,667	12,469,000	2,462,635
SKIPJACK . . . . .	210,300	21,093	-	-
YELLOWFIN . . . . .	17,400	2,257	-	-
TOTAL TUNA . . . . .	17,001,300	3,419,957	12,469,000	2,462,635
TOTAL FISH . . . . .	40,937,000	7,040,068	30,444,400	6,435,925
SHELLFISH, ETC.				
CRABS, DUNGENESS 1/ <sup>2/</sup> . . . . .	2,661,800	433,880	6,959,400	1,120,465
CRAWFISH, FRESH-WATER . . . . .	5,500	2,500	-	-
SHRIMP, OCEAN . . . . .	1,721,600	154,947	8,433,600	885,500
CLAMS:				
RAZOR 2/ <sup>3/</sup> . . . . .	-	-	51,500	35,000
MIXED 3/ <sup>4/</sup> . . . . .	-	-	5,800	4,400
TOTAL CLAMS . . . . .	-	-	57,300	39,400
OYSTERS, MARKET: 4/ <sup>5/</sup>				
PACIFIC . . . . .	-	-	411,200	169,330
WESTERN . . . . .	-	-	500	1,600
TOTAL OYSTERS . . . . .	-	-	411,700	170,930
TOTAL SHELLFISH, ETC.	4,388,900	591,327	15,862,000	2,216,295
GRAND TOTAL . . . . .	45,325,900	7,631,395	46,306,400	8,652,220

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 FOR PACIFIC OYSTERS AND 18 PERCENT FOR WESTERN OR NATIVE OYSTERS.

# PACIFIC COAST FISHERIES

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## COLUMBIA RIVER DISTRICT OF OREGON - OPERATING UNITS, 1967

ITEM	OTTER TRAWLS		POTS			GILL NETS	
	FISH	SHRIMP	CRAB	CRAWFISH	ANCHOR, SET OR STAKE 1/	DRIFT	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	SALMON	SHELT
FISHERMEN:							
ON VESSELS . . . . .	99	20	75	-	-	2	-
ON BOATS AND SHORE, REGULAR . . . . .	-	-	22	8	110	625	60
TOTAL . . . . .	99	20	97	8	110	627	60
VESSELS, MOTOR . . . . .	26	5	33	-	-	2	-
GROSS TONNAGE . . . . .	1,620	417	472	-	-	23	-
BOATS:							
MOTOR . . . . .	-	-	11	6	90	568	60
OTHER . . . . .	-	-	-	-	10	-	-
GEAR:							
NUMBER . . . . .	26	5	7,800	270	100	570	60
SQUARE YARDS . . . . .	-	-	-	-	35,000	1,740,000	54,000
YARDS AT MOUTH . . . . .	580	95	-	-	-	-	-

ITEM	LINES				DIP NETS, COMMON 1/	TOTAL, EX- CLUSIVE OF DUPLICATION
	HAND, TUNA	TROLL		LONG OR SET WITH HOOKS		
		SALMON	ALBACORE			
NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	
FISHERMEN:						
ON VESSELS . . . . .	322	373	742	6	-	1,426
ON BOATS AND SHORE, REGULAR . . . . .	-	114	12	-	25	916
TOTAL . . . . .	322	487	754	6	25	2,342
VESSELS, MOTOR . . . . .	55	197	299	2	-	521
GROSS TONNAGE . . . . .	4,308	3,212	8,966	64	-	16,780
BOATS:						
MOTOR . . . . .	28	95	8	-	-	816
OTHER . . . . .	-	-	-	-	-	10
GEAR:						
NUMBER . . . . .	309	1,500	2,697	53	25	-
HOOKS OR BAITs . . . . .	309	7,200	2,697	4,900	-	-

1/ OPERATED ONLY ON INDIAN RESERVATIONS.

## COLUMBIA RIVER DISTRICT OF OREGON LANDINGS OF CATCH BY GEAR, 1967

SPECIES	OTTER TRAWLS				POTS	
	FISH		SHRIMP		CRAB	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
COO . . . . .	449,700	\$21,979	1,000	\$50	-	-
FLOUNDERs:						
"SOLE" . . . . .	8,142,100	542,137	6,700	490	-	-
OTHER . . . . .	269,400	13,147	-	-	-	-
HAKE . . . . .	17,800	142	-	-	-	-
LINGCOD . . . . .	891,200	43,052	2,800	140	-	-
OCEAN PERCH . . . . .	997,700	50,860	-	-	-	-
PERCH . . . . .	1,500	150	-	-	-	-
ROCK FISHES . . . . .	3,212,100	163,410	30,300	1,547	-	-
SABLEFISH . . . . .	47,300	2,155	3,800	260	-	-
SKATES . . . . .	27,000	703	-	-	-	-
STURGEON, COMMON . . . . .	3,800	193	-	-	-	-
CRABS, OUNGENESS . . . . .	-	-	-	-	2,661,800	\$433,880
SHRIMP, OCEAN . . . . .	-	-	1,721,600	154,947	-	-
TOTAL . . . . .	14,079,600	837,928	1,766,200	157,434	2,661,800	433,880

(CONTINUED ON NEXT PAGE)

## PACIFIC COAST FISHERIES

COLUMBIA RIVER DISTRICT OF OREGON  
LANDINGS OF CATCH BY GEAR, 1967 - Continued

SPECIES	POTS - CONTINUED		GILL NETS			
	CRAWFISH		ANCHOR, SET OR STAKE 1/		DRIFT	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FLOUNDERS, OTHER. . . . .	-	-	-	-	101,000	\$1,010
SALMON:						
CHINOOK OR KING . . . . .	-	-	328,100	\$80,000	3,018,000	1,035,166
CHUM OR KETA. . . . .	-	-	-	-	7,700	730
RED OR SOCKEYE. . . . .	-	-	54,900	19,761	62,500	23,763
SILVER OR COHO. . . . .	-	-	28,200	5,650	3,039,800	763,000
SHAD. . . . .	-	-	1,900	109	584,200	30,964
STEELHEAD TROUT . . . . .	-	-	118,500	29,625	291,200	78,334
STURGEON, COMMON. . . . .	-	-	4,600	620	144,700	16,386
CRAWFISH, FRESH-WATER . . . . .	5,500	\$2,500	-	-	-	-
TOTAL . . . . .	5,500	2,500	536,200	135,765	7,249,100	1,949,553

SPECIES	GILL NETS - CONTINUED		LINES			
	DRIFT - CONTINUED		HAND, TUNA		TROLL	
	SMELT		SALMON		SALMON	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
HALIBUT . . . . .	-	-	-	-	500	\$85
LINGCOD . . . . .	-	-	-	-	5,100	294
ROCKFISHES. . . . .	-	-	-	-	45,100	1,802
SALMON:						
CHINOOK OR KING . . . . .	-	-	-	-	205,900	98,432
PINK. . . . .	-	-	-	-	118,400	20,725
SILVER OR COHO. . . . .	-	-	-	-	1,355,500	527,297
SMELT, EULACHON . . . . .	228,000	\$39,060	-	-	-	-
STEELHEAD, TROUT. . . . .	-	-	-	-	1,100	375
TUNA:						
ALBACORE. . . . .	-	-	6,869,800	\$1,391,144	-	-
SKIPJACK. . . . .	-	-	210,300	21,033	-	-
YELLOWFIN . . . . .	-	-	17,400	2,257	-	-
TOTAL . . . . .	228,000	39,060	7,097,500	1,414,434	1,731,600	649,010

SPECIES	LINES - CONTINUED				DIP NETS, COMMON	
	TROLL - CONTINUED		LONG OR SET WITH HOOKS		1/	
	ALBACORE					
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
HALIBUT . . . . .	-	-	9,400	\$1,771	-	-
SALMON:						
CHINOOK OR KING . . . . .	-	-	-	-	24,700	\$6,000
SILVER OR COHO. . . . .	-	-	-	-	2,400	480
SHAD. . . . .	-	-	-	-	15,300	382
STEELHEAD TROUT . . . . .	-	-	-	-	14,600	3,650
STURGEON, COMMON. . . . .	-	-	-	-	200	25
TUNA, ALBACORE. . . . .	9,903,800	\$2,005,523	-	-	-	-
TOTAL . . . . .	9,903,800	2,005,523	9,400	1,771	57,200	10,537

1/ FISHED ONLY ON INDIAN RESERVATIONS.

NOTE:--THE FOLLOWING SPECIES LANDED IN THE COLUMBIA RIVER DISTRICT WERE CAUGHT OFF THE COAST: COD, "SOLE", HAKE, HALIBUT, LINGCOD, OCEAN PERCH, ROCKFISHES, SABLEFISH, SKATES, TUNA, CRAB, SHRIMP, THE OTTER TRAWL CATCH OF FLOUNDERS AND STURGEON, AND MOST OF THE TROLL CATCH OF SALMON.

# PACIFIC COAST FISHERIES

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## COASTAL DISTRICT OF OREGON - OPERATING UNITS, 1967

ITEM	HAUL SEINES, COMMON	OTTER TRAWLS		POTS, CRAB	GILL NETS, SHAD		LINES HAND, ALBACORE
		FISH	SHRIMP		ANCHOR SET OR STAKE	DRIFT	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS . . . . .	-	89	135	185	-	-	94
ON BOATS AND SHORE, REGULAR . . . . .	12	-	-	56	30	38	-
TOTAL . . . . .	12	89	135	243	30	38	94
VESSELS, MOTOR. GROSS TONNAGE . . . . .	-	25	41	79	-	-	19
	-	1,242	1,493	1,662	-	-	1,091
BOATS:							
MOTOR . . . . .	4	-	-	39	27	36	11
OTHER . . . . .	2	-	-	-	-	-	-
GEAR:							
NUMBER . . . . .	4	25	41	19,600	125	36	92
LENGTH, YARDS . . . . .	400	-	-	-	-	-	-
SQUARE YARDS . . . . .	-	-	-	-	31,000	72,000	-
YARDS AT MOUTH . . . . .	-	542	779	-	-	-	-
HOOKS OR BAITS . . . . .	-	-	-	-	-	-	92

ITEM	LINES - CONTINUED			DREDGES, OYSTER, COMMON	SHOVELS	BY HAND, OYSTER	TOTAL, EXCLUSIVE OF DUPLICATION
	TROLL		LONG OR SET WITH HOOKS				
	SALMON	ALBACORE					
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS . . . . .	1,237	1,030	15	7	-	-	2,014
ON BOATS AND SHORE, REGULAR . . . . .	764	25	-	-	180	25	1,057
TOTAL . . . . .	2,001	1,055	15	7	180	25	3,071
VESSELS, MOTOR. GROSS TONNAGE . . . . .	629	416	5	3	-	-	882
	10,617	10,280	107	43	-	-	18,992
BOATS:							
MOTOR . . . . .	687	18	-	-	-	4	792
OTHER . . . . .	-	-	-	-	-	3	5
GEAR:							
NUMBER . . . . .	6,300	3,955	79	6	180	-	-
YARDS AT MOUTH . . . . .	-	-	-	12	-	-	-
HOOKS OR BAITS . . . . .	28,850	3,955	7,420	-	-	-	-

## COASTAL DISTRICT OF OREGON - LANDINGS OF CATCH BY GEAR, 1967

SPECIES	HAUL SEINES, COMMON		OTTER TRAWLS			
			FISH		SHRIMP	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
COD . . . . .	-	-	2,500	\$119	100	\$5
FLOUNDER:						
"SOLE" . . . . .	-	-	4,709,600	297,851	152,300	7,995
OTHER . . . . .	-	-	41,200	1,936	200	7
HERRING, SEA . . . . .	83,400	\$21,000	-	-	-	-
LINGCOD . . . . .	-	-	269,800	12,674	6,600	311
OCEAN PERCH . . . . .	-	-	702,600	32,320	6,500	297
PERCH . . . . .	-	-	200	18	-	-
ROCKFISHES . . . . .	-	-	946,200	41,398	375,400	16,812
SABLEFISH . . . . .	-	-	111,100	7,312	20,700	1,317
SKATES . . . . .	-	-	99,500	2,488	-	-
SHELL, SURF OR SILVER . . . . .	3,600	350	-	-	-	-
STURGEON, COMMON . . . . .	-	-	4,300	215	-	-
SHRIMP, OCEAN . . . . .	-	-	-	-	8,433,600	885,500
TOTAL . . . . .	87,000	21,350	6,887,000	396,331	8,995,400	912,244

SPECIES	POTS, CRAB		GILL NETS, SHAD			
			ANCHOR, SET OR STAKE		DRIFT	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
LINGCOD . . . . .	400	\$20	-	-	-	-
SHAD . . . . .	-	-	100,000	\$11,100	375,000	\$41,625
STRIPED BASS . . . . .	-	-	15,000	2,100	16,600	2,325
CRABS, DUNGENESS 1/ . . . . .	6,959,400	1,120,465	-	-	-	-
TOTAL . . . . .	6,959,800	1,120,485	115,000	13,200	391,600	43,950

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

# PACIFIC COAST FISHERIES

## COASTAL DISTRICT OF OREGON - LANDINGS OF CATCH BY GEAR, 1967 - Continued

SPECIES	LINES					
	HAND, ALBACORE		TROLL			
	POUNDS	VALUE	SALMON		ALBACORE	
POUNDS			VALUE	POUNDS	VALUE	
FLOUNDERS, "SOLE" . . . . .	-	-	400	\$41	-	-
HALIBUT . . . . .	-	-	19,400	3,356	-	-
LINGCOD . . . . .	-	-	66,700	3,418	-	-
ROCKFISHES . . . . .	-	-	123,200	4,928	-	-
SALMON:						
CHINOOK OR KING . . . . .	-	-	1,078,400	548,908	-	-
PINK . . . . .	-	-	1,116,200	179,710	-	-
SILVER OR COHO . . . . .	-	-	6,930,400	2,657,813	-	-
TUNA, ALBACORE . . . . .	1,731,100	\$341,895	-	-	10,737,900	\$2,120,740
TOTAL . . . . .	1,731,100	341,895	9,334,700	3,398,174	10,737,900	2,120,740

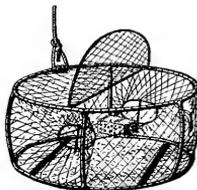
SPECIES	LINES - CONTINUED		DREDGES, OYSTER AND BY HAND		SHOVELS	
	LONG OR SET WITH HOOKS		POUNDS	VALUE	POUNDS	VALUE
FLOUNDERS, "SOLE" . . . . .	400	\$44	-	-	-	-
HALIBUT . . . . .	97,400	17,878	-	-	-	-
LINGCOD . . . . .	1,500	104	-	-	-	-
ROCKFISHES . . . . .	34,500	1,895	-	-	-	-
SABLEFISH . . . . .	464,500	53,600	-	-	-	-
CLAMS:						
RAZOR <u>2/</u> . . . . .	-	-	-	-	51,500	\$35,000
MIXED <u>3/</u> . . . . .	-	-	-	-	5,800	4,400
OYSTERS, MARKET: <u>4/</u>						
PACIFIC . . . . .	-	-	411,200	\$169,330	-	-
WESTERN . . . . .	-	-	500	1,600	-	-
TOTAL . . . . .	597,900	73,521	411,700	170,930	57,300	39,400

1/ BASED ON AN AVERAGE YIELD 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 FOR PACIFIC OYSTERS AND 18 PERCENT FOR WESTERN OR NATIVE OYSTERS.



DUNGENESS CRAB POT

# PACIFIC COAST FISHERIES

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## CALIFORNIA

### LANDINGS BY DISTRICTS, 1967

SPECIES	NORTHERN		SAN FRANCISCO		MONTEREY	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ANCHOVIES	-	-	35,100	\$5,066	16,753,600	\$161,623
BONITO	600	\$37	500	33	5,500	437
CABEZONE	-	-	600	13	7,400	487
CARP	-	-	348,200	26,391	-	-
FLOUNDERS:						
ARROWTOOTH HALIBUT	4,600	228	1,400	34	-	-
CALIFORNIA HALIBUT	-	-	265,000	65,884	100,600	24,277
SAND DABS	203,200	17,499	254,600	21,803	227,600	17,098
"SOLE":						
DOVER	5,802,700	364,843	1,302,400	75,089	88,500	5,020
ENGLISH	3,073,900	274,057	1,671,500	168,949	497,500	38,886
PETRALE	1,577,200	194,372	756,700	101,625	209,000	29,828
REX	1,180,800	101,114	344,200	29,135	147,400	11,138
SAND	3,600	361	215,000	25,286	18,200	2,174
UNCLASSIFIED	100	5	-	-	9,700	974
OTHER	325,200	16,401	440,300	30,299	78,000	6,524
HAKE	800	30	200	2	3,200	74
HALIBUT	500	160	-	-	-	-
HARDHEAD	-	-	218,600	19,836	-	-
HERRING, SEA	-	-	21,000	8,745	250,900	22,859
JACK MACKEREL	500	24	200	9	934,600	36,556
KING CROAKER	-	-	19,800	2,472	160,400	11,662
LINGCOD	593,200	46,095	210,800	18,061	60,300	6,696
PERCH	65,100	11,057	24,100	6,710	30,600	5,326
POMPANO	2,427,300	135,282	857,400	61,600	61,600	25,754
ROCKFISHES	2,427,300	135,282	857,400	65,303	2,547,200	163,718
SABLEFISH	2,300,600	241,607	474,800	17,709	1,021,200	55,341
SALMON:						
CHINOOK OR KING	2,858,100	1,672,717	875,700	529,147	150,100	87,024
SILVER OR COHO	2,429,400	1,126,651	886,200	431,628	92,600	43,265
TOTAL SALMON	5,287,500	2,799,368	1,761,900	960,775	242,900	130,289
SARDINE, PACIFIC	-	-	-	-	100	23
SEA BASS, WHITE	-	-	600	162	67,600	18,291
SHARKS, UNCLASSIFIED	4,300	228	84,700	3,547	71,200	2,301
SKATES	-	-	82,600	1,012	103,400	1,827
SMELT	267,600	17,356	70,800	10,213	46,600	6,124
SWORFISH	-	-	-	-	4,400	2,367
TUNA:						
ALBACORE	4,853,900	898,181	1,516,000	280,309	1,202,100	222,265
SKIPJACK	-	-	-	-	300	29
TOTAL TUNA	4,853,900	898,181	1,516,000	280,309	1,202,400	222,294
TURBOT	3,900	194	63,300	3,228	300	17
WHITEBAIT	167,200	17,512	12,500	1,778	-	-
UNCLASSIFIED:						
FOR FOOD	200	12	-	-	-	-
BAIT AND ANIMAL FOOD	1,619,700	32,132	13,300	333	-	-
TOTAL FISH	29,784,200	5,188,375	11,266,200	1,951,878	24,972,300	1,012,007
SHELLFISH, ETC.						
CRABS:						
DUNGESS	10,773,100	1,762,740	936,400	267,418	1,500	569
ROCK	-	-	-	-	200	8
TOTAL CRABS	10,773,100	1,762,740	936,400	267,418	1,700	577
SHRIMP, OCEAN	1,411,600	163,407	20,700	4,398	2,600	2,174
ABALONE 1/	-	-	4,700	4,276	100	126
CLAMS, HARD 2/	400	281	-	-	200	295
OCTOPUS	1,900	74	5,100	205	1,900	286
OYSTERS, MARKET:						
EASTERN 3/	-	-	12,700	37,681	-	-
PACIFIC 4/	454,600	105,704	185,700	43,174	-	-
TOTAL OYSTERS	454,600	105,704	198,400	80,855	-	-
SQUID	-	-	-	-	11,233,300	300,123
TOTAL SHELLFISH, ETC.	12,641,600	2,032,206	1,165,300	357,152	11,239,800	303,481

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

## PACIFIC COAST FISHERIES

## CALIFORNIA - LANDINGS BY DISTRICTS, 1967 - Continued

SPECIES	NORTHERN		SAN FRANCISCO		MONTEREY	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
WHALE PRODUCTS						
MEAL . . . . .	-	-	2,224,200	\$133,432	-	-
MEAT . . . . .	-	-	1,927,000	154,163	-	-
OIL:						
SPERM . . . . .	-	-	963,500	57,216	-	-
WHALE . . . . .	-	-	1,519,300	90,218	-	-
TOTAL WHALE PRODUCTS.	-	-	6,634,000	435,029	-	-
GRAND TOTAL . . . . .	42,425,800	\$7,220,581	19,067,500	\$2,744,059	36,212,100	\$1,315,488
SPECIES	SANTA BARBARA		SAN PEDRO		SAN DIEGO	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FISH						
ANCHOVIES . . . . .	8,289,200	\$79,648	44,531,500	\$455,008	-	-
BARACUDA . . . . .	1,300	285	202,300	33,468	109,500	\$16,698
BONITO . . . . .	236,000	7,273	17,609,600	749,312	3,165,200	134,350
CABEZONE . . . . .	6,300	234	-	-	-	-
CARP . . . . .	-	-	300	26	-	-
FLOUNDER:						
CALIFORNIA HALIBUT . . . . .	305,000	86,240	117,400	35,466	50,100	15,100
SAND DABS . . . . .	1,200	104	100	21	500	142
"SOLE":						
DOVER . . . . .	21,400	1,282	-	-	-	-
ENGLISH . . . . .	379,000	28,439	-	-	-	-
PETRALE . . . . .	225,600	29,362	-	-	-	-
REX . . . . .	93,600	7,735	-	-	-	-
SAND . . . . .	69,100	8,326	-	-	-	-
UNCLASSIFIED . . . . .	10,000	1,033	1,500	200	10,400	2,533
OTHER . . . . .	27,200	2,053	-	-	-	-
FLYING FISH . . . . .	-	-	43,700	5,395	2,900	335
GROUPERS . . . . .	-	-	147,700	31,388	42,500	9,453
HAKE . . . . .	10,000	201	200	2	-	-
HALFMOON . . . . .	-	-	7,500	1,858	17,900	3,474
JACK MACKEREL . . . . .	4,031,700	150,343	33,226,700	1,260,200	4,200	47
KING CROAKER . . . . .	1,200	63	310,800	24,530	-	38
LINGCOD . . . . .	53,200	4,724	900	127	300	375
MACKEREL, PACIFIC . . . . .	6,700	394	1,136,300	70,654	23,600	1,741
OPALEYE . . . . .	-	-	16,900	3,627	400	54
PERCH . . . . .	34,700	7,948	37,500	8,484	10,500	1,941
POMPANO . . . . .	700	157	49,000	14,672	-	-
ROCKFISHES . . . . .	2,894,900	162,371	681,400	100,130	390,800	53,451
SABLEFISH . . . . .	1,600	98	-	-	300	28
SALMON:						
CHINOOK OR KING . . . . .	66,500	36,042	400	330	700	454
SILVER OR COHO . . . . .	41,100	17,557	300	164	400	213
TOTAL SALMON . . . . .	107,600	53,599	700	494	1,100	667
SARDINE, PACIFIC . . . . .	7,000	1,400	132,200	27,037	9,500	2,093
SCULPIN . . . . .	-	-	6,900	2,432	75,600	20,913
SEA BASS:						
BLACK . . . . .	1,600	280	196,900	35,003	32,100	5,259
WHITE . . . . .	122,400	37,037	929,700	258,561	102,500	28,859
SHARKS, UNCLASSIFIED . . . . .	190,300	19,954	144,300	16,931	102,100	12,054
SHEEPSHEAD . . . . .	1,000	61	4,600	40	14,000	1,378
SKATES . . . . .	2,600	212	200	20	-	-
SMELT . . . . .	-	-	205,600	6,815	1,400	126
SWORDFISH . . . . .	95,900	49,326	180,500	98,564	24,300	13,554
TUNA:						
ALBACORE . . . . .	2,825,900	522,140	5,336,100	1,063,628	2,123,900	420,300
BLUEFIN . . . . .	-	-	11,140,800	1,362,416	2,594,800	305,068
SKIPJACK . . . . .	-	-	80,899,500	8,190,204	30,056,500	3,053,546
YELLOWFIN . . . . .	-	-	106,222,600	14,545,428	35,267,900	4,659,510
TOTAL TUNA . . . . .	2,825,900	522,140	203,599,000	25,161,676	70,043,100	8,638,424
TURBOT . . . . .	5,100	306	-	-	300	51
WAHOO . . . . .	-	-	900	103	100	18
YELLOWTAIL . . . . .	100	24	128,400	13,548	22,200	2,194
UNCLASSIFIED:						
FOR FOOD . . . . .	-	-	8,400	239	2,400	445
BAIT AND ANIMAL FOOD . . . . .	984,300	19,686	-	-	-	-
TOTAL FISH . . . . .	21,045,400	1,282,358	303,859,600	28,418,611	74,260,100	8,965,848

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

## CALIFORNIA - LANDINGS BY DISTRICTS, 1967 - Continued

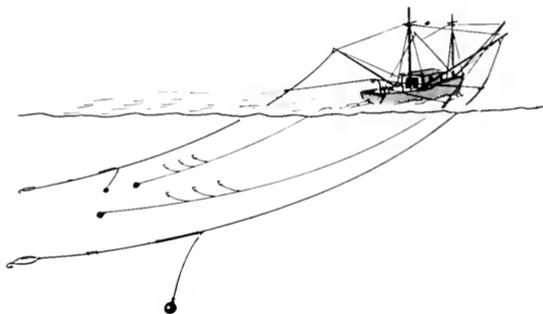
SPECIES	SANTA BARBARA		SAN PEDRO		SAN DIEGO	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
SHELLFISH, ETC.						
CRABS:						
DUNGENESS . . . . .	5,600	\$2,240	-	-	-	-
ROCK . . . . .	79,400	5,062	235,200	\$27,477	9,500	\$329
TOTAL CRABS . . . . .	85,000	7,322	235,200	27,477	9,500	329
LOBSTER, SPINY . . . . .	111,700	91,569	209,000	182,091	129,200	114,273
SHRIMP, OCEAN . . . . .	400	85	-	-	-	-
ABALONE 1/ . . . . .	600,500	590,470	161,600	156,785	117,600	108,167
OCTOPUS . . . . .	200	22	100	36	-	-
OYSTERS, MARKET, PACIFIC 4/	89,100	20,715	-	-	-	-
SQUID . . . . .	2,592,000	38,696	5,776,000	98,937	100	10
TOTAL SHELLFISH, ETC.	3,479,400	748,879	6,381,900	465,326	256,400	222,779
GRAND TOTAL . . . . .	24,524,800	2,031,237	310,241,500	28,883,937	74,516,500	9,188,627

1/ BASED ON A YIELD OF 20 PERCENT MEATS.

2/ BASED ON A YIELD OF 24 PERCENT MEATS.

3/ BASED ON A YIELD OF 14 PERCENT MEATS.

4/ BASED ON A YIELD OF 12 PERCENT MEATS.



SALMON TROLL LINE

## PACIFIC COAST FISHERIES

## CALIFORNIA - LANDINGS BY WATERS, 1967

SPECIES	OFF UNITED STATES		OFF LATIN AMERICA	
	POUNDS	VALUE	POUNDS	VALUE
ANCHOVIES . . . . .	69,609,400	\$701,365	-	-
BARRACUDA . . . . .	281,200	44,992	32,000	\$5,459
BONITO . . . . .	17,841,500	713,650	3,377,900	177,782
CABEZONE . . . . .	14,300	734	-	-
CARP . . . . .	348,500	28,417	-	-
FLOUNDERS:				
ARROWTOOTH HALIBUT . . . . .	6,000	262	-	-
CALIFORNIA HALIBUT . . . . .	824,900	223,403	13,200	3,564
SAND GABS . . . . .	687,000	56,651	200	16
"SOLE":				
DOVER . . . . .	7,215,000	466,234	-	-
ENGLISH . . . . .	5,621,900	510,331	-	-
PETRALE . . . . .	2,768,500	355,207	-	-
REX . . . . .	1,766,000	149,122	-	-
SAND . . . . .	305,900	36,167	-	-
UNCLASSIFIED . . . . .	31,700	4,745	-	-
OTHER . . . . .	870,700	55,277	-	-
FLYING FISH . . . . .	45,200	5,562	1,400	168
GROUPERS . . . . .	-	-	190,200	40,841
HAKE . . . . .	14,400	309	-	-
HALFMOON . . . . .	25,400	5,332	-	-
HALIBUT . . . . .	500	160	-	-
HARDHEAD . . . . .	218,600	19,636	-	-
HERRING, SEA . . . . .	271,900	31,604	-	-
JACK MACKEREL . . . . .	38,193,900	1,447,132	-	-
KING CROAKER . . . . .	496,400	39,222	-	-
LINGCOD . . . . .	938,700	77,763	-	-
MACKEREL, PACIFIC . . . . .	1,166,600	72,989	-	-
OPALYE . . . . .	17,300	3,661	-	-
PERCH . . . . .	201,700	41,306	800	160
POMPANO . . . . .	111,600	40,610	-	-
ROCKFISHES . . . . .	9,647,500	669,650	151,500	10,605
SABLEFISH . . . . .	3,798,500	314,983	-	-
SALMON:				
CHINOOK OR KING . . . . .	3,951,500	2,325,714	-	-
SILVER OR COHO . . . . .	3,450,200	1,619,478	-	-
SARDINE, PACIFIC . . . . .	148,800	30,353	-	-
SCULPIN . . . . .	56,100	15,897	26,600	7,448
SEA BASS:				
BLACK . . . . .	11,900	2,142	218,700	38,400
WHITE . . . . .	507,600	142,128	715,200	200,802
SHARKS, UNCLASSIFIED . . . . .	586,300	55,955	10,600	1,060
SHEEPSHEAD . . . . .	18,600	1,749	1,000	90
SKATES . . . . .	188,800	3,071	-	-
SMELT . . . . .	592,000	40,634	-	-
SWORDFISH . . . . .	303,500	162,947	1,600	864
TUNA:				
ALBACORE . . . . .	17,572,400	3,352,578	285,500	54,245
BLUEFIN . . . . .	1,839,200	220,704	11,896,400	1,446,780
SKIPJACK . . . . .	116,900	11,690	110,899,400	11,232,089
YELLOWFIN . . . . .	4,200	368	141,486,300	19,404,350
TURBOT . . . . .	72,800	3,791	100	5
WAHOO . . . . .	-	-	1,000	121
WHITESAIT . . . . .	199,700	19,290	-	-
YELLOWTAIL . . . . .	13,200	1,320	137,500	14,446
UNCLASSIFIED:				
FOR FOOD . . . . .	9,600	472	1,400	224
BAIT AND ANIMAL FOOD . . . . .	2,617,300	52,151	-	-
CRABS:				
DUNGENESS . . . . .	11,716,600	2,032,967	-	-
ROCK . . . . .	324,300	32,636	-	-
LOBSTER, SPINY . . . . .	449,600	387,933	-	-
SHRIMP, OCEAN . . . . .	1,435,300	170,064	-	-
ABALONE . . . . .	884,500	859,824	-	-
CLAMS, HARD . . . . .	600	476	-	-
OCTOPUS . . . . .	9,200	623	-	-
OYSTERS, MARKET:				
EASTERN . . . . .	12,700	37,681	-	-
PACIFIC . . . . .	729,400	169,593	-	-
SQUID . . . . .	19,601,900	437,766	-	-
WHALE PRODUCTS:				
MEAL . . . . .	2,224,200	133,432	-	-
MEAT . . . . .	1,927,000	154,163	-	-
OIL:				
SPERM . . . . .	963,500	57,216	-	-
WHALE . . . . .	1,519,300	90,218	-	-
TOTAL . . . . .	237,599,700	18,744,410	269,388,500	32,639,519

# PACIFIC COAST FISHERIES

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## NORTHERN DISTRICT OF CALIFORNIA - OPERATING UNITS, 1967

ITEM	HAUL SEINES, COMMON	PURSE SEINES AND LAMPARA NETS		OTTER TRAWLS		
		TUNA	OTHER	FISH	SHRIMP	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	
FISHERMEN:						
ON VESSELS . . . . .	-	8	7	141	81	
ON BOATS AND SHORE, REGULAR . . . . .	6	-	-	-	-	
TOTAL . . . . .	6	8	7	141	81	
VESSELS, MOTOR . . . . .	-	1	1	47	27	
GROSS TONNAGE . . . . .	-	59	28	1,867	1,022	
BOATS, MOTOR . . . . .	3	-	-	-	-	
GEAR:						
NUMBER . . . . .	3	1	1	47	27	
LENGTH, YARDS . . . . .	1,200	575	625	-	-	
SQUARE YARDS . . . . .	-	-	-	1,269	405	
		POTS AND TRAPS		LINES		
				HAND		
		CRAB	OCTOPUS	ALBACORE	ROCKFISH	OTHER
		NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS . . . . .	518	-	-	21	3	-
ON BOATS AND SHORE, REGULAR . . . . .	140	2	-	-	-	4
TOTAL . . . . .	658	2	21	3	4	4
VESSELS, MOTOR . . . . .	198	-	-	7	1	-
GROSS TONNAGE . . . . .	3,619	-	-	221	16	-
BOATS, MOTOR . . . . .	70	2	-	-	-	2
GEAR:						
NUMBER . . . . .	24,626	50	21	3	4	8
YARDS AT MOUTH . . . . .	-	-	21	6	-	-
		LINES - CONTINUED			DREDGES, OYSTER	
		TROLL			LONG OR SET WITH HOOKS	COMMON
		SALMON	ALBACORE	OTHER		
		NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS . . . . .	2,154	1,118	-	38	11	-
ON BOATS AND SHORE, REGULAR . . . . .	1,380	100	-	-	8	4
TOTAL . . . . .	3,534	1,218	-	38	19	4
VESSELS, MOTOR . . . . .	797	394	-	14	4	-
GROSS TONNAGE . . . . .	15,859	9,656	-	242	55	-
BOATS, MOTOR . . . . .	690	50	-	-	4	2
GEAR:						
NUMBER . . . . .	8,922	3,996	-	126	80	2
YARDS AT MOUTH . . . . .	35,688	3,996	-	126	8,000	2
		DREDGES, OYSTER - CONTINUED		SHOVELS, CLAM	BY HAND, OYSTER	TOTAL, EXCLUSIVE OF DUPLICATION
		SUCTION				
		NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS . . . . .	-	-	-	-	-	2,521
ON BOATS AND SHORE, REGULAR . . . . .	3	16	2	12	12	1,500
TOTAL . . . . .	3	16	2	12	12	4,021
VESSELS, MOTOR . . . . .	-	-	-	-	-	922
GROSS TONNAGE . . . . .	-	-	-	-	-	20,150
BOATS, MOTOR . . . . .	1	8	1	6	6	750
GEAR, NUMBER . . . . .	1	16	2	-	-	-

## PACIFIC COAST FISHERIES

NORTHERN DISTRICT OF CALIFORNIA  
LANDINGS OF CATCH BY GEAR, 1967

SPECIES	HAUL SEINES, COMMON		PURSE SEINES AND LAMPARA NETS		OTTER TRAWLS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BONITO . . . . .	-	-	600	\$37	-	-
FOUNDERS:						
ARROWTOOTH HALIBUT . . . . .	-	-	-	-	4,600	\$228
SAND DABS . . . . .	-	-	-	-	203,200	17,499
"SOLE":						
DOVER . . . . .	-	-	-	-	5,802,700	384,843
ENGLISH . . . . .	-	-	-	-	3,073,900	274,057
PETRALE . . . . .	-	-	-	-	1,577,200	194,372
REX . . . . .	-	-	-	-	1,180,800	101,114
SAND . . . . .	-	-	-	-	3,600	381
UNCLASSIFIED . . . . .	-	-	-	-	100	5
OTHER . . . . .	-	-	-	-	325,200	16,401
HAKE . . . . .	-	-	-	-	800	30
LINGCOD . . . . .	-	-	-	-	483,600	37,327
JACK MACKEREL . . . . .	-	-	300	15	100	4
PERCH . . . . .	51,200	\$8,704	12,000	2,068	1,900	285
ROCKFISHES . . . . .	-	-	-	-	2,320,100	128,843
SABLEFISH . . . . .	-	-	-	-	668,400	63,498
SALMON, CHINOOK OR KING . . . . .	-	-	-	-	2,000	1,100
SHARKS, UNCLASSIFIED . . . . .	-	-	-	-	3,600	186
SMELT . . . . .	199,100	12,917	68,500	4,439	-	-
TUNA, ALBACORE . . . . .	-	-	179,700	33,245	-	-
TURBOT . . . . .	-	-	-	-	3,600	189
WHITEGAUNT . . . . .	161,800	15,137	25,400	2,375	-	-
UNCLASSIFIED:						
FOR FOOD . . . . .	-	-	-	-	200	12
BAIT AND ANIMAL FOOD . . . . .	-	-	-	-	1,619,700	32,132
CRABS, DUNGENESS . . . . .	-	-	-	-	46,000	6,900
SHRIMP, OCEAN . . . . .	-	-	-	-	1,411,600	163,407
TOTAL . . . . .	412,100	36,758	286,500	42,179	16,733,100	1,422,813
SPECIES	POTS AND TRAPS		LINES		DREDGES	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
HALIBUT . . . . .	-	-	500	\$160	-	-
LINGCOD . . . . .	-	-	109,600	8,768	-	-
JACK MACKEREL . . . . .	-	-	100	5	-	-
ROCKFISHES . . . . .	-	-	107,200	6,439	-	-
SABLEFISH . . . . .	-	-	1,632,200	176,309	-	-
SALMON:						
CHINOOK OR KING . . . . .	-	-	2,856,100	1,671,617	-	-
SILVER OR COHO . . . . .	-	-	2,429,400	1,126,651	-	-
SHARKS, UNCLASSIFIED . . . . .	-	-	700	42	-	-
TUNA, ALBACORE . . . . .	-	-	4,674,200	664,936	-	-
TURBOT . . . . .	-	-	100	5	-	-
CRABS, DUNGENESS . . . . .	10,727,100	\$1,755,640	-	-	-	-
OCTOPUS . . . . .	1,900	74	-	-	-	-
OYSTERS, PACIFIC . . . . .	-	-	-	-	415,000	\$96,497
TOTAL . . . . .	10,729,000	1,755,914	11,610,100	3,856,932	415,000	96,497
SPECIES	TONGS AND BY HAND		SHOVELS, CLAM			
	POUNDS	VALUE	POUNDS	VALUE		
CLAMS, HARD . . . . .	-	-	400	\$281		
OYSTERS, PACIFIC . . . . .	39,600	\$9,207	-	-		
TOTAL . . . . .	39,600	9,207	400	281		

# PACIFIC COAST FISHERIES

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## SAN FRANCISCO DISTRICT OF CALIFORNIA OPERATING UNITS, 1967

ITEM	HAUL SEINES, COMMON		PURSE SEINES		OTTER TRAWLS		POTS AND TRAPS		
	NUMBER	ANCHOVY	OTHER	FISH	SHRIMP	CRAB	FISH	OCTOPUS	
FISHERMEN:									
ON VESSELS . . . . .	-	3	3	57	18	162	-	-	
ON BOATS AND SHORE, REGULAR . . . . .	6	-	12	8	-	80	4	2	
TOTAL . . . . .	6	3	15	65	18	242	4	2	
VESSELS, MOTOR . . . . .	-	1	1	19	6	62	-	-	
GROSS TONNAGE . . . . .	-	13	11	726	150	938	-	-	
BOATS, MOTOR . . . . .	2	-	4	4	-	40	4	1	
GEAR:									
NUMBER . . . . .	2	1	5	23	6	9,070	200	25	
LENGTH, YARDS . . . . .	800	425	1,500	-	-	-	-	-	
YARDS AT MOUTH . . . . .	-	-	-	621	90	-	-	-	
GILL NETS, DRIFT									
ITEM	LINES								
	SEA BASS	OTHER	HAND			TROLL			
	NUMBER	NUMBER	ALBACORE	ROCK FISH	OTHER	SALMON	ALBACORE	OTHER	
FISHERMEN:									
ON VESSELS . . . . .	2	3	3	20	-	1,321	668	5	
ON BOATS AND SHORE, REGULAR . . . . .	2	6	-	20	6	632	20	4	
TOTAL . . . . .	4	9	3	40	6	1,953	688	9	
VESSELS, MOTOR . . . . .	1	1	1	7	-	483	238	2	
GROSS TONNAGE . . . . .	11	13	22	78	-	8,854	5,182	25	
BOATS, MOTOR . . . . .	1	2	-	10	3	316	10	2	
GEAR:									
NUMBER . . . . .	2	3	3	40	6	4,794	2,232	36	
SQUARE YARDS . . . . .	6,700	9,700	-	80	-	-	-	-	
HOOKS OR BAITS . . . . .	-	-	3	80	12	19,176	2,232	36	
ITEM	LINES - CONTINUED LONG OR SET WITH HOOKS	DIP, BRAIL OR SCOOP NETS	HARPOONS, WHALE	DREDGES, OYSTER, COMMON	TONGS, OYSTER	OIVING OUTFITS, ABALONE	TOTAL, EX- CLUSIVE OF DUPLICATION		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER		
FISHERMEN:									
ON VESSELS . . . . .	19	2	14	-	-	2	1,569		
ON BOATS AND SHORE, REGULAR . . . . .	18	-	-	4	12	4	712		
TOTAL . . . . .	37	2	14	4	12	6	2,281		
VESSELS, MOTOR . . . . .	7	1	3	-	-	1	569		
GROSS TONNAGE . . . . .	118	8	579	-	-	12	11,746		
BOATS, MOTOR . . . . .	9	-	-	2	6	2	358		
GEAR:									
NUMBER . . . . .	160	2	3	2	12	3	-		
YARDS AT MOUTH . . . . .	-	-	-	2	-	-	-		
HOOKS OR BAITS . . . . .	16,000	-	-	-	-	-	-		



DIP NET

# PACIFIC COAST FISHERIES

## SAN FRANCISCO DISTRICT OF CALIFORNIA

### LANDINGS OF CATCH BY GEAR, 1967

SPECIES	HAUL SEINES, COMMON		PURSE SEINES		OTTER TRAWLS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ANCHOVIES . . . . .	-	-	35,100	\$5,096	-	-
BONITO . . . . .	-	-	500	33	-	-
FLOUNDERS:						
ARROWTOOTH HALIBUT . . . . .	-	-	-	-	1,400	\$34
CALIFORNIA HALIBUT . . . . .	-	-	-	-	193,200	47,934
SAND DABS . . . . .	-	-	-	-	254,600	21,803
"SOLE":						
DOVER . . . . .	-	-	-	-	1,302,400	75,089
ENGLISH . . . . .	-	-	-	-	1,671,300	168,931
PETRALE . . . . .	-	-	-	-	756,500	101,598
REX . . . . .	-	-	-	-	344,200	29,135
SAND . . . . .	-	-	-	-	214,900	25,274
OTHER . . . . .	-	-	-	-	415,300	28,549
HAKE . . . . .	-	-	-	-	200	2
HARDHEAD . . . . .	187,700	\$17,055	-	-	-	-
HERRING, SEA . . . . .	10,000	4,165	11,000	4,580	-	-
JACK MACKEREL . . . . .	-	-	200	9	-	-
KING CROAKER . . . . .	6,400	799	-	-	9,500	1,186
LINGCOD . . . . .	-	-	-	-	171,500	14,713
PERCH . . . . .	24,100	6,710	-	-	-	-
ROCKFISHES . . . . .	-	-	-	-	754,000	57,031
SABLEFISH . . . . .	-	-	-	-	403,400	14,853
SHARKS, UNCLASSIFIED . . . . .	-	-	-	-	39,700	1,659
SKATES . . . . .	-	-	-	-	73,500	901
SMELT . . . . .	21,400	3,086	29,800	4,301	-	-
TUNA, ALBACORE . . . . .	-	-	84,100	15,550	-	-
TURBOT . . . . .	-	-	-	-	52,800	2,640
WHITETAIL . . . . .	4,500	640	8,000	1,138	-	-
CRABS, DUNGNESS . . . . .	-	-	-	-	12,000	3,240
SHRIMP, OCEAN . . . . .	-	-	-	-	20,700	4,398
OCTOPUS . . . . .	-	-	-	-	3,500	141
TOTAL . . . . .	254,100	32,455	168,700	30,697	6,894,600	599,111

SPECIES	POTS AND TRAPS		GILL NETS AND TRAMMEL NETS		LINES	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CABEZONE . . . . .	-	-	-	-	600	\$13
CARP . . . . .	348,200	\$28,391	-	-	-	-
FLOUNDERS:						
CALIFORNIA HALIBUT . . . . .	-	-	40,100	\$10,025	31,700	7,925
"SOLE":						
ENGLISH . . . . .	-	-	-	-	200	18
PETRALE . . . . .	-	-	-	-	200	27
SAND . . . . .	-	-	-	-	100	12
OTHER . . . . .	-	-	18,100	1,267	6,900	483
HARDHEAD . . . . .	30,900	2,781	-	-	-	-
KING CROAKER . . . . .	-	-	3,900	487	-	-
LINGCOD . . . . .	-	-	-	-	39,300	3,368
POMPANO . . . . .	-	-	-	-	100	27
ROCKFISHES . . . . .	-	-	-	-	103,400	8,272
SABLEFISH . . . . .	-	-	-	-	71,400	2,856
SALMON:						
CHINOOK OR KING . . . . .	-	-	-	-	875,700	529,147
SILVER OR COHO . . . . .	-	-	-	-	886,200	431,628
SEA BASS, WHITE . . . . .	-	-	600	162	-	-
SHARKS, UNCLASSIFIED . . . . .	-	-	41,100	1,725	3,900	163
TUNA, ALBACORE . . . . .	-	-	-	-	1,431,900	264,759
TURBOT . . . . .	-	-	-	-	10,500	588
UNCLASSIFIED, FOR BAIT AND ANIMAL FOOD . . . . .	13,300	333	-	-	-	-
CRABS, DUNGNESS . . . . .	924,400	264,178	-	-	-	-
OCTOPUS . . . . .	1,600	64	-	-	-	-
TOTAL . . . . .	1,318,400	295,747	103,800	13,666	3,462,100	1,249,286

SPECIES	DIP, BRAIL OR SCOOP NETS		HARPOONS, WHALE		DREDGES, OYSTER, COMMON	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
SKATES . . . . .	-	-	-	-	9,100	\$111
SMELT . . . . .	19,600	\$2,826	-	-	39,800	9,250
OYSTERS, PACIFIC . . . . .	-	-	-	-	-	-
WHALE PRODUCTS:						
MEAL . . . . .	-	-	2,224,200	\$133,432	-	-
MEAT . . . . .	-	-	1,927,000	154,163	-	-
OIL:						
SPERM . . . . .	-	-	963,500	57,216	-	-
WHALE . . . . .	-	-	1,519,300	90,218	-	-
TOTAL . . . . .	19,600	2,826	6,634,000	435,029	48,900	9,361

SPECIES	TONGS, OYSTER		DIVING OUTFITS, ABALONE	
	POUNDS	VALUE	POUNDS	VALUE
ABALONE . . . . .	-	-	4,700	\$4,276
OYSTERS:				
EASTERN . . . . .	12,700	\$37,681	-	-
PACIFIC . . . . .	145,900	33,924	-	-
TOTAL . . . . .	158,600	71,605	4,700	4,276

# PACIFIC COAST FISHERIES

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## MONTEREY DISTRICT OF CALIFORNIA - OPERATING UNITS, 1967

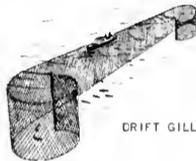
ITEM	PURSE SEINES			LAMPARA NETS		OTTER TRAWLS		POTS AND TRAPS
	ANCHOVY	MACKEREL AND SARDINE	OTHER	SQUID	OTHER	FISH	SHRIMP	CRAB
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:								
ON VESSELS . . . . .	38	29	-	15	29	27	9	9
ON BOATS AND SHORE, REGULAR . . . . .	18	-	6	-	6	-	-	-
TOTAL . . . . .	56	29	6	15	35	27	9	9
VESSELS, MOTOR . . . . .	9	5	-	4	7	9	3	3
GROSS TONNAGE . . . . .	183	250	-	59	200	268	107	39
BOATS, MOTOR . . . . .	7	2	2	-	3	-	-	-
GEAR:								
NUMBER . . . . .	15	5	2	4	9	9	3	300
LENGTH, YARDS . . . . .	6,310	2,525	785	1,750	4,000	-	-	-
YARDS AT MOUTH . . . . .	-	-	-	-	-	243	45	-

ITEM	POTS AND TRAPS - CONTINUED	GILL NETS		TRAMMEL NETS	LINES				
		DRIFT	OTHER		HAND			TROLL	
	OCTOPUS	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:									
ON VESSELS . . . . .	-	3	3	3	78	22	-	357	
ON BOATS AND SHORE, REGULAR . . . . .	2	15	9	4	15	98	4	238	
TOTAL . . . . .	2	18	12	7	93	120	4	575	
VESSELS, MOTOR . . . . .	-	1	1	1	22	8	-	122	
GROSS TONNAGE . . . . .	-	14	8	16	607	119	-	2,311	
BOATS, MOTOR . . . . .	1	5	3	2	8	49	2	119	
GEAR:									
NUMBER . . . . .	25	6	4	3	92	120	4	1,446	
SQUARE YARDS . . . . .	-	20,400	13,500	15,200	-	-	-	-	
HOOKS OR BAITS . . . . .	-	-	-	-	92	240	8	5,784	

ITEM	LINES - CONTINUED			DIP, BRAIL OR SCOOP NETS	HARPOONS, SWORD FISH	DIVING OUTFITS, ABALONE	SHOVELS, CLAM	TOTAL, EXCLUSIVE OF DUPLICATION
	TROLL - CONTINUED		LONG OR SET WITH HOOKS					
	ALBACORE	OTHER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:								
ON VESSELS . . . . .	588	9	6	8	3	-	-	894
ON BOATS AND SHORE, REGULAR . . . . .	96	6	30	-	-	2	1	385
TOTAL . . . . .	684	15	36	8	3	2	1	1,279
VESSELS, MOTOR . . . . .	204	3	2	3	1	-	-	300
GROSS TONNAGE . . . . .	4,282	50	26	67	25	-	-	6,532
BOATS, MOTOR . . . . .	48	2	15	-	-	1	1	197
GEAR:								
NUMBER . . . . .	2,268	45	170	8	1	1	1	-
HOOKS OR BAITS . . . . .	2,268	45	17,000	-	-	-	-	-



DRIFT GILL NET

## PACIFIC COAST FISHERIES

MONTEREY DISTRICT OF CALIFORNIA  
LANDINGS OF CATCH BY GEAR, 1967

SPECIES	PURSE SEINES AND LAMPARA NETS		OTTER TRAWLS		POTS AND TRAPS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ANCHOVIES . . . . .	16,753,600	\$161,623	-	-	-	-
BONITO . . . . .	4,700	373	-	-	-	-
FLOUNDERS:						
CALIFORNIA HALIBUT . . . . .	-	-	7,100	\$1,247	-	-
SAND DABS . . . . .	-	-	191,300	14,194	-	-
"SOLE":						
GOVER . . . . .	-	-	88,500	5,020	-	-
ENGLISH . . . . .	-	-	497,500	38,886	-	-
PETRALE . . . . .	-	-	204,800	29,198	-	-
REX . . . . .	-	-	147,400	11,138	-	-
SAND . . . . .	-	-	15,600	1,862	-	-
OTHER . . . . .	-	-	23,000	1,889	-	-
HAKE . . . . .	-	-	3,000	69	-	-
HERRING, SEA . . . . .	212,700	19,379	-	-	-	-
JACK MACKEREL . . . . .	932,800	36,483	600	18	-	-
KING CROAKER . . . . .	81,100	5,755	700	48	-	-
LINGCOD . . . . .	-	-	24,207	2,577	-	-
PERCH . . . . .	10,200	1,775	5,800	1,656	-	-
POMPANO . . . . .	51,200	21,339	2,200	908	-	-
ROCKFISHES . . . . .	-	-	2,001,200	128,619	-	-
SABLEFISH . . . . .	-	-	323,300	16,973	-	-
SALMON, CHINOOK OR KING . . . . .	-	-	700	396	-	-
SARDINE, PACIFIC . . . . .	100	23	-	-	-	-
SHARKS, UNCLASSIFIED . . . . .	-	-	14,600	472	-	-
SKATES . . . . .	-	-	96,400	1,697	-	-
SMELT . . . . .	14,600	1,916	-	-	-	-
TUNA, ALBACORE . . . . .	16,800	3,104	-	-	-	-
TURBOT . . . . .	-	-	300	17	-	-
CRABS:						
DUNGENESS . . . . .	-	-	-	-	1,500	\$569
ROCK . . . . .	-	-	-	-	200	8
SHRIMP, OCEAN . . . . .	-	-	2,600	2,174	-	-
OCTOPUS . . . . .	-	-	200	30	1,700	256
SQUID . . . . .	11,163,100	298,249	400	10	-	-
TOTAL . . . . .	29,240,900	550,019	3,655,400	259,058	3,400	833

SPECIES	GILL AND TRAMMEL NETS		LINES	DIP, BRAIL OR SCOOP NETS		
	POUNDS	VALUE		POUNDS	VALUE	
BONITO . . . . .	-	-	800	\$64	-	
CABEZONE . . . . .	-	-	7,400	487	-	
FLOUNDERS:						
CALIFORNIA HALIBUT . . . . .	69,000	\$16,905	24,500	6,125	-	
SAND DABS . . . . .	-	-	36,300	2,904	-	
"SOLE":						
PETRALE . . . . .	-	-	4,200	630	-	
SAND . . . . .	-	-	2,600	312	-	
UNCLASSIFIED . . . . .	6,800	678	2,900	296	-	
OTHER . . . . .	29,100	2,433	25,900	2,202	-	
HAKE . . . . .	-	-	200	5	-	
HERRING, SEA . . . . .	38,200	3,480	-	-	-	
JACK MACKEREL . . . . .	-	-	1,400	55	-	
KING CROAKER . . . . .	78,600	5,879	-	-	-	
LINGCOD . . . . .	-	-	56,100	6,171	-	
PERCH . . . . .	10,600	1,585	-	-	-	
POMPANO . . . . .	-	-	8,400	3,507	-	
ROCKFISHES . . . . .	-	-	546,000	35,099	-	
SABLEFISH . . . . .	-	-	697,900	38,368	-	
SALMON:						
CHINOOK OR KING . . . . .	-	-	149,400	86,628	-	
SILVER OR COHO . . . . .	-	-	92,300	43,265	-	
SEA BASS, WHITE . . . . .	56,800	15,370	10,800	2,921	-	
SHARKS, UNCLASSIFIED . . . . .	55,700	1,800	900	29	-	
SKATES . . . . .	4,100	72	2,900	58	-	
SMELT . . . . .	-	-	-	-	32,000	\$4,208
TUNA:						
ALBACORE . . . . .	-	-	1,185,300	219,161	-	
SKIPJACK . . . . .	-	-	300	29	-	
SQUID . . . . .	-	-	-	-	69,800	1,864
TOTAL . . . . .	348,900	48,502	2,857,000	448,316	101,800	6,072

SPECIES	HARPOONS, SWORDFISH		DIVING OUTFITS, ABALONE		SHOVELS, CLAM	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
SWORDFISH . . . . .	4,400	\$2,367	-	-	-	-
ABALONE . . . . .	-	-	100	\$126	-	-
CLAMS, HARD . . . . .	-	-	-	-	200	\$195
TOTAL . . . . .	4,400	2,367	100	126	200	195

# PACIFIC COAST FISHERIES

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## SANTA BARBARA DISTRICT OF CALIFORNIA OPERATING UNITS, 1967

ITEM	PURSE SEINES			LAMPARA NETS		OTTER TRAWLS	
	ANCHOVY	MACKEREL AND SARDINE	TUNA	SQUID	OTHER	FISH	SHRIMP
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN: ON VESSELS . . . . .	14	144	21	-	51	53	6
ON BOATS AND SHORE, REGULAR . . . . .	-	-	-	6	-	4	-
TOTAL . . . . .	14	144	21	6	51	57	6
VESSELS, MOTOR . . . . .	2	17	2	-	6	18	2
GROSS TONNAGE . . . . .	160	1,481	203	-	546	571	39
BOATS, MOTOR . . . . .	1	14	2	2	6	2	-
GEAR: NUMBER . . . . .	2	17	2	2	6	20	2
LENGTH, YARDS . . . . .	900	9,275	1,100	800	3,645	-	-
YARDS AT MOUTH . . . . .	-	-	-	-	-	540	30

ITEM	POTS AND TRAPS			GILL NETS, DRIFT			TRAMMEL NETS
	CRAB	LOBSTER	OCTOPUS	BARRACUDA	SEA BASS	OTHER	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	
FISHERMEN: ON VESSELS . . . . .	6	20	2	6	20	-	11
ON BOATS AND SHORE, REGULAR . . . . .	-	40	-	-	14	6	6
TOTAL . . . . .	6	60	2	6	34	6	17
VESSELS, MOTOR . . . . .	2	8	1	2	7	-	4
GROSS TONNAGE . . . . .	32	136	14	30	96	-	45
BOATS, MOTOR . . . . .	-	20	-	-	7	2	2
GEAR: NUMBER . . . . .	200	2,574	25	2	14	2	6
SQUARE YARDS . . . . .	-	-	-	7,000	49,400	7,000	29,600

ITEM	LINES						LONG OR SET WITH HOOKS
	HAND			TROLL			
	ALBACORE	ROCKFISH	OTHER	SALMON	ALBACORE	OTHER	
FISHERMEN: ON VESSELS . . . . .	100	23	-	99	364	3	30
ON BOATS AND SHORE, REGULAR . . . . .	-	80	4	28	104	-	14
TOTAL . . . . .	100	103	4	127	468	3	44
VESSELS, MOTOR . . . . .	32	9	-	35	126	1	10
GROSS TONNAGE . . . . .	912	133	2	566	2,764	7	165
BOATS, MOTOR . . . . .	1	40	2	14	52	-	7
GEAR: NUMBER . . . . .	100	103	4	294	1,602	9	170
HOOKS OR BAITS . . . . .	100	206	8	1,176	1,602	9	17,000

ITEM	DIP, BRAIL OR SCOOP NETS	HARPOONS, SWORDFISH	TONGS, OYSTER	OYSTERS, BY HAND	DIVING OUTFITS, ABALONE	TOTAL, EX- CLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
	FISHERMEN: ON VESSELS . . . . .	21	19	-	-	33	834
ON BOATS AND SHORE, REGULAR . . . . .	-	4	5	5	300	582
TOTAL . . . . .	21	23	5	5	333	1,416
VESSELS, MOTOR . . . . .	7	7	-	-	12	250
GROSS TONNAGE . . . . .	203	90	-	-	216	6,912
BOATS, MOTOR . . . . .	-	2	3	3	150	309
GEAR, NUMBER . . . . .	21	9	5	-	171	-

## PACIFIC COAST FISHERIES

SANTA BARBARA DISTRICT OF CALIFORNIA  
LANDINGS OF CATCH BY GEAR, 1967

SPECIES	PURSE SEINES AND LAMPARA NETS		OTTER TRAWLS		POTS AND TRAPS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ANCHOVIES . . . . .	8,289,200	\$79,648	-	-	-	-
BONITO . . . . .	-	-	200	\$6	-	-
CABEZONE . . . . .	234,700	7,172	600	22	-	-
FLOUNDERS:						
CALIFORNIA HALIBUT . . . . .	-	-	114,900	32,482	-	-
SAND DABS	-	-	1,000	86	-	-
"SOLE":						
DOVER . . . . .	-	-	21,400	1,262	-	-
ENGLISH . . . . .	-	-	378,800	28,424	-	-
PETRALE . . . . .	-	-	225,500	29,369	-	-
REX . . . . .	-	-	93,600	7,735	-	-
SAND . . . . .	-	-	68,000	8,194	-	-
UNCLASSIFIED . . . . .	-	-	300	31	-	-
OTHER . . . . .	-	-	25,000	1,886	-	-
HAKE . . . . .	-	-	10,000	201	-	-
JACK MACKEREL . . . . .	4,016,500	149,778	15,200	565	-	-
KING CROAKER . . . . .	-	-	600	21	-	-
LINGCOD . . . . .	-	-	24,500	2,176	-	-
MACKEREL, PACIFIC . . . . .	6,700	394	-	-	-	-
PERCH . . . . .	-	-	16,600	3,785	-	-
POMPANO . . . . .	600	135	-	-	-	-
ROCKFISHES . . . . .	-	-	2,411,300	135,269	-	-
SABLEFISH . . . . .	-	-	1,600	98	-	-
SARDINE, PACIFIC . . . . .	7,000	1,400	-	-	-	-
SEA BASS, WHITE . . . . .	-	-	300	89	-	-
SHARKS, UNCLASSIFIED . . . . .	-	-	23,200	2,316	-	-
SKATES . . . . .	-	-	2,300	168	-	-
TUNA, ALBACORE . . . . .	-	-	-	-	-	-
TURBOT . . . . .	72,400	13,372	5,000	300	-	-
UNCLASSIFIED, BAIT AND ANI- MAL FOOD . . . . .	4,000	80	976,800	19,536	-	-
CRABS:						
DUNGENESS . . . . .	-	-	300	114	5,300	\$2,126
ROCK . . . . .	-	-	600	38	78,800	5,044
LOBSTER, SPINY . . . . .	-	-	-	-	111,700	91,569
SHRIMP, OCEAN . . . . .	-	-	400	85	-	-
SCUD . . . . .	-	-	-	-	200	22
OCTOPUS . . . . .	-	-	1,000	15	-	-
SQUID . . . . .	2,392,300	35,713	-	-	-	-
TOTAL . . . . .	15,023,400	267,692	4,419,000	274,343	196,000	98,761

SPECIES	GILL AND TRAMMEL NETS		LINES		DIP, BRAIL OR SCOOP NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BARRACUDA . . . . .	1,300	\$285	-	-	-	-
BONITO . . . . .	-	-	3,100	\$95	-	-
CABEZONE . . . . .	-	-	5,700	212	-	-
FLOUNDERS:						
CALIFORNIA HALIBUT . . . . .	170,900	48,330	19,200	5,428	-	-
SAND DABS	-	-	200	18	-	-
"SOLE":						
ENGLISH . . . . .	-	-	200	15	-	-
PETRALE . . . . .	-	-	100	13	-	-
SAND . . . . .	-	-	1,100	132	-	-
UNCLASSIFIED . . . . .	5,800	599	3,900	403	-	-
OTHER . . . . .	1,000	75	1,200	92	-	-
KING CROAKER . . . . .	600	32	-	-	-	-
LINGCOD . . . . .	-	-	28,700	2,548	-	-
PERCH . . . . .	18,100	4,163	-	-	-	-
POMPANO . . . . .	-	-	100	22	-	-
ROCKFISHES . . . . .	-	-	483,600	27,082	-	-
SALMON:						
CHINOOK OR KING . . . . .	-	-	66,500	36,042	-	-
SILVER OR COHO . . . . .	-	-	41,100	17,557	-	-
SEA BASS:						
BLACK . . . . .	-	-	1,600	280	-	-
WHITE . . . . .	109,800	33,227	12,300	3,721	-	-
SHARKS, UNCLASSIFIED . . . . .	151,000	15,951	16,100	1,687	-	-
SHEEPSHEAD . . . . .	-	-	1,000	61	-	-
SKATES . . . . .	-	-	300	24	-	-
TUNA, ALBACORE . . . . .	-	-	2,753,500	508,768	-	-
TURBOT . . . . .	-	-	100	6	-	-
YELLOWTAIL . . . . .	-	-	100	24	-	-
UNCLASSIFIED, BAIT AND ANI- MAL FOOD . . . . .	3,500	70	-	-	199,200	\$2,968
SQUID . . . . .	-	-	-	-	-	-
TOTAL . . . . .	462,000	102,732	3,439,700	604,230	199,200	2,968

SPECIES	HARPOONS, SWORDFISH		TONGS AND BY HAND		DIVING OUTFITS, ABALONE	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
SWORDFISH . . . . .	95,900	\$49,326	-	-	-	-
ABALONE . . . . .	-	-	-	-	600,500	\$590,470
OYSTERS, MARKET, PACIFIC . . . . .	-	-	89,100	\$20,715	-	-
TOTAL . . . . .	95,900	49,326	89,100	20,715	600,500	590,470

# PACIFIC COAST FISHERIES

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## SAN PEDRO DISTRICT OF CALIFORNIA - OPERATING UNITS, 1967

ITEM	PURSE SEINES				LAMPARA NETS		POTS AND TRAPS	
	ANCHOVY	MACKEREL AND SAROINE	TUNA	OTHER	SQUID	OTHER	LOBSTER	FISH
	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>
FISHERMEN:								
ON VESSELS . . . . .	110	407	1,420	-	3	147	101	-
ON BOATS AND SHORE, REGULAR . . . . .	4	15	-	4	12	8	86	1
TOTAL . . . . .	114	422	1,420	4	15	155	187	1
VESSELS, MOTOR . . . . .	19	54	127	-	1	20	34	-
GROSS TONNAGE . . . . .	800	3,405	37,928	-	11	1,353	873	-
BOATS, MOTOR . . . . .	11	46	206	2	4	21	43	1
GEAR:								
NUMBER . . . . .	20	57	127	1	5	22	7,048	15
LENGTH, YARDS . . . . .	10,035	30,330	95,765	475	2,025	12,520	-	-

ITEM	GILL NETS, DRIFT			TRAMMEL NETS	LINES			
	BARRACUDA	SEA BASS	OTHER		HAND			
					ALBACORE	ROCK FISH	YELLOW FIN AND SKIPJACK	OTHER
	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>
FISHERMEN:								
ON VESSELS . . . . .	12	84	3	5	531	219	375	72
ON BOATS AND SHORE, REGULAR . . . . .	8	60	10	16	18	94	-	10
TOTAL . . . . .	20	144	13	21	549	313	375	82
VESSELS, MOTOR . . . . .	4	28	1	2	104	81	51	26
GROSS TONNAGE . . . . .	73	458	17	23	7,141	1,706	5,961	734
BOATS, MOTOR . . . . .	4	30	5	8	50	47	41	5
GEAR:								
NUMBER . . . . .	8	58	6	10	527	313	353	82
SQUARE YARDS . . . . .	27,100	196,550	19,900	33,400	-	-	-	-
HOOKS OR BAITS . . . . .	-	-	-	-	527	626	353	164

ITEM	LINES - CONTINUED						
	TROLL		LONG OR SET WITH HOOKS	OIP, BRAIL OR SCOOP NETS	HARPOONS, SWORDFISH	OIVING OUTFITS, ABALONE	TOTAL, EX- CLUSIVE OF DUPLI- CATION
	ALBACORE	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 . . . . .	593	-	44	70	61	52	2,873
ON BOATS AND SHORE, REGULAR . . . . .	52	6	20	6	28	104	492
TOTAL . . . . .	645	6	64	76	89	156	3,365
VESSELS, MOTOR . . . . .	205	-	13	24	23	19	544
GROSS TONNAGE . . . . .	4,826	-	359	594	394	315	52,403
BOATS, MOTOR . . . . .	26	3	10	3	14	52	466
GEAR:							
NUMBER . . . . .	2,079	27	230	76	37	85	-
HOOKS OR BAITS . . . . .	2,079	27	23,000	-	-	-	-

## PACIFIC COAST FISHERIES

SAN PEDRO DISTRICT OF CALIFORNIA  
LANDINGS OF CATCH BY GEAR, 1967

SPECIES	PURSE SEINES AND LAMPARA NETS		POTS AND TRAPS		GILL AND TRAMMEL NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ANCHOVIES . . . . .	44,531,500	\$455,008	-	-	-	-
BARRACUOA . . . . .	24,100	3,985	-	-	167,400	\$27,696
BONITO . . . . .	17,398,700	732,054	-	-	-	-
CARP . . . . .	-	-	300	\$26	-	-
FLOWNDERS, CALIFORNIA						
HALIBUT . . . . .	-	-	-	-	46,200	13,952
FLYING FISH . . . . .	15,000	1,851	-	-	20,300	2,507
HALFMOON . . . . .	-	-	-	-	3,500	867
JACK MACKEREL . . . . .	33,176,700	1,258,305	-	-	300	11
KING CROAKER . . . . .	94,500	7,456	-	-	189,200	14,906
MACKEREL, PACIFIC . . . . .	942,200	58,761	-	-	4,000	249
OPALEYE . . . . .	4,800	1,030	-	-	-	-
PERCH . . . . .	-	-	-	-	37,100	8,394
POMPANO . . . . .	39,800	11,918	-	-	-	-
SARDINE, PACIFIC . . . . .	132,200	27,937	-	-	-	-
SEA BASS:						
BLACK . . . . .	-	-	-	-	24,300	4,318
WHITE . . . . .	-	-	-	-	860,300	239,281
SHARKS, UNCLASSIFIED . . . . .	-	-	-	-	127,800	16,768
SHEEPSHEAD . . . . .	-	-	900	78	-	-
SMELT . . . . .	128,400	4,260	-	-	47,500	1,572
TUNA:						
ALBACORE . . . . .	68,600	13,672	-	-	-	-
BLUEFIN . . . . .	11,082,100	1,355,243	-	-	-	-
SKIPJACK . . . . .	72,493,900	7,339,557	-	-	-	-
YELLOWFIN . . . . .	97,118,400	13,299,063	-	-	-	-
YELLOWTAIL . . . . .	92,000	9,708	-	-	-	-
UNCLASSIFIED, FOR FOOD . . . . .	3,000	68	-	-	2,700	61
CRABS, ROCK . . . . .	-	-	235,200	27,477	-	-
LOBSTER, SPINY . . . . .	-	-	209,000	182,091	-	-
OCTOPUS . . . . .	-	-	-	-	100	36
SQUID . . . . .	5,206,600	89,200	-	-	-	-
TOTAL . . . . .	282,552,500	24,668,177	445,400	209,672	1,530,700	330,618

SPECIES	LINES		DIP, BRAIL OR SCOOP NETS	
	POUNDS	VALUE	POUNDS	VALUE
BARRACUOA . . . . .	10,800	\$1,786	-	-
BONITO . . . . .	410,900	17,258	-	-
FLOWNDERS:				
CALIFORNIA HALIBUT . . . . .	71,200	21,514	-	-
SAND DABS . . . . .	100	21	-	-
"SOLE", UNCLASSIFIED . . . . .	1,500	200	-	-
FLYING FISH . . . . .	-	-	8,400	\$1,037
GROUPERS . . . . .	147,700	31,388	-	-
HAKE . . . . .	200	2	-	-
HALFMOON . . . . .	4,000	991	-	-
JACK MACKEREL . . . . .	2,500	95	47,200	1,789
KING CROAKER . . . . .	27,100	2,188	-	-
LINGCOD . . . . .	900	127	-	-
MACKEREL, PACIFIC . . . . .	15,000	935	175,100	10,909
OPALEYE . . . . .	12,100	2,597	-	-
PERCH . . . . .	400	90	-	-
POMPANO . . . . .	9,200	2,754	-	-
ROCKFISHES . . . . .	681,400	100,130	-	-
SALMON:				
CHINOOK OR KING . . . . .	400	330	-	-
SILVER OR COHO . . . . .	300	164	-	-
SCULPIN . . . . .	6,900	2,432	-	-
SEA BASS:				
BLACK . . . . .	172,600	30,685	-	-
WHITE . . . . .	69,400	19,300	-	-
SHARKS, UNCLASSIFIED . . . . .	16,500	2,163	-	-
SHEEPSHEAD . . . . .	3,700	322	-	-
SKATES . . . . .	200	20	-	-
SMELT . . . . .	-	-	29,700	983
TUNA:				
ALBACORE . . . . .	5,267,500	1,049,956	-	-
BLUEFIN . . . . .	8,700	7,173	-	-
SKIPJACK . . . . .	8,405,600	850,547	-	-
YELLOWFIN . . . . .	9,104,200	1,246,365	-	-
WAHOG . . . . .	900	103	-	-
YELLOWTAIL . . . . .	36,400	3,840	-	-
UNCLASSIFIED, FOR FOOD . . . . .	2,700	110	-	-
SQUID . . . . .	-	-	569,400	9,737
TOTAL . . . . .	24,541,000	3,395,666	829,800	24,455

SPECIES	HARPOONS, SWORDFISH		DIVING OUTFITS, ABALONE	
	POUNDS	VALUE	POUNDS	VALUE
SWORDFISH . . . . .	180,500	\$98,564	-	-
ABALONE . . . . .	-	-	161,600	\$156,785
TOTAL . . . . .	180,500	98,564	161,600	156,785

# PACIFIC COAST FISHERIES

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## SAN DIEGO DISTRICT OF CALIFORNIA - OPERATING UNITS, 1967

ITEM	PURSE SEINES AND LAMPARA NETS		POTS AND TRAPS, LOBSTER, SPINY	GILL NETS, DRIFT		
	MACKEREL AND SARO LINE	TUNA		BARRACUDA	SEA BASS	OTHER
	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>
FISHERMEN:						
ON VESSELS . . . . .	4	790	44	3	39	-
ON BOATS AND SHORE, REGULAR . . . . .	-	-	125	3	21	5
TOTAL . . . . .	4	790	169	6	60	5
VESSELS, MOTOR . . . . .	1	66	15	1	13	-
GROSS TONNAGE . . . . .	60	22,342	378	27	243	-
BOATS, MOTOR . . . . .	1	121	62	1	7	2
GEAR:						
NUMBER . . . . .	1	66	6,443	2	20	2
LENGTH, YARDS . . . . .	450	52,520	-	6,800	66,800	-
SQUARE YARDS . . . . .	-	-	-	-	6,800	6,800

ITEM	TRAMMEL NETS	LINES				
		HAND				TROLL
		ALBACORE	ROCKFISH	YELLOWFIN AND SKIPJACK	OTHER	ALBACORE
	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>
FISHERMEN:						
ON VESSELS . . . . .	2	438	109	267	47	344
ON BOATS AND SHORE, REGULAR . . . . .	-	28	60	-	10	68
TOTAL . . . . .	2	466	169	267	57	412
VESSELS, MOTOR . . . . .	1	95	39	35	17	119
GROSS TONNAGE . . . . .	11	5,838	790	4,700	351	2,487
BOATS, MOTOR . . . . .	-	44	30	30	5	34
GEAR:						
NUMBER . . . . .	1	451	169	251	57	1,377
SQUARE YARDS . . . . .	4,800	-	-	-	-	-
HOOKS OR BAITS . . . . .	-	451	338	251	114	1,377

ITEM	LINES - CONTINUED				
	TROLL - CONTINUED	LONG OR SET WITH HOOKS	HARPOONS, SWORDFISH	DIVING OUTFITS, ABALONE	TOTAL, EXCLUSIVE OF DUPLICATION
	OTHER				
	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>
FISHERMEN:					
ON VESSELS . . . . .	-	26	14	26	1,676
ON BOATS AND SHORE, REGULAR . . . . .	2	8	-	86	327
TOTAL . . . . .	2	34	14	112	2,003
VESSELS, MOTOR . . . . .	-	7	5	9	312
GROSS TONNAGE . . . . .	-	230	165	186	31,818
BOATS, MOTOR . . . . .	1	4	-	43	317
GEAR:					
NUMBER . . . . .	9	110	5	60	-
HOOKS OR BAITS . . . . .	9	11,000	-	-	-

## PACIFIC COAST FISHERIES

SAN DIEGO DISTRICT OF CALIFORNIA  
LANDINGS OF CATCH BY GEAR, 1967

SPECIES	PURSE SEINES AND LAMPARA NETS		POTS AND TRAPS		GILL AND TRAMMEL NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BARRACUDA . . . . .	16,200	\$2,467	-	-	90,000	\$13,713
BONITO . . . . .	2,796,700	118,726	-	-	-	-
FLOUNDERS, CALIFORNIA	-	-	-	-	10,900	3,284
FLYING FISH . . . . .	-	-	-	-	2,900	335
HALFMOON . . . . .	300	58	-	-	11,500	2,233
KING CROAKER . . . . .	200	23	-	-	3,000	339
MACKEREL, PACIFIC . . . . .	16,900	1,247	-	-	700	52
PERCH . . . . .	2,900	536	-	-	6,100	1,128
SARDINES, PACIFIC . . . . .	9,500	2,093	-	-	-	-
SEA BASS:	-	-	-	-	-	-
BLACK . . . . .	-	-	-	-	6,000	983
WHITE . . . . .	-	-	-	-	85,800	24,158
SHARKS, UNCLASSIFIED . . . . .	-	-	-	-	83,900	9,906
SHEEPSHEAD . . . . .	-	-	5,000	\$492	-	-
SMELT . . . . .	1,400	126	-	-	-	-
TUNA:	-	-	-	-	-	-
ALBACORE . . . . .	16,200	3,204	-	-	-	-
BLUEFIN . . . . .	2,554,000	300,274	-	-	-	-
SKIPJACK . . . . .	26,907,600	2,733,933	-	-	-	-
YELLOWFIN . . . . .	33,066,700	4,556,405	-	-	-	-
YELLOWTAIL . . . . .	2,000	198	-	-	-	-
UNCLASSIFIED, FOR FOOD,	-	-	-	-	1,800	334
CRABS, ROCK . . . . .	-	-	9,500	329	-	-
LOBSTERS, SPINY . . . . .	-	-	129,200	114,273	-	-
SQUID . . . . .	-	-	-	-	100	10
TOTALS . . . . .	65,390,600	7,719,290	143,700	115,094	302,700	56,475
SPECIES	LINES		HARPOONS, SWORDFISH		DIVING OUTFITS, ABALONE	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BARRACUDA . . . . .	3,400	\$518	-	-	-	-
BONITO . . . . .	368,500	15,624	-	-	-	-
FLOUNDERS:	-	-	-	-	-	-
CALIFORNIA HALIBUT . . . . .	39,200	11,816	-	-	-	-
SAND BASS . . . . .	500	142	-	-	-	-
"SOLE", UNCLASSIFIED . . . . .	10,400	2,533	-	-	-	-
GROUPERS . . . . .	42,500	9,453	-	-	-	-
HALFMOON . . . . .	6,100	1,183	-	-	-	-
KING CROAKER . . . . .	1,000	113	-	-	-	-
LINGCOD . . . . .	300	38	-	-	-	-
MACKEREL, PACIFIC . . . . .	6,000	442	-	-	-	-
OPALEYE . . . . .	400	54	-	-	-	-
PERCH . . . . .	1,500	277	-	-	-	-
ROCKFISHES . . . . .	390,800	53,451	-	-	-	-
SABLEFISH . . . . .	300	28	-	-	-	-
SALMON:	-	-	-	-	-	-
CHINOOK OR KING . . . . .	700	454	-	-	-	-
SILVER OR COHO . . . . .	400	213	-	-	-	-
SCULPIN . . . . .	75,800	20,913	-	-	-	-
SEA BASS:	-	-	-	-	-	-
BLACK . . . . .	26,100	4,276	-	-	-	-
WHITE . . . . .	16,700	4,701	-	-	-	-
SHARKS, UNCLASSIFIED . . . . .	18,200	2,148	-	-	-	-
SHEEPSHEAD . . . . .	9,000	886	-	-	-	-
SWORDFISH . . . . .	-	-	24,300	\$13,554	-	-
TUNA:	-	-	-	-	-	-
ALBACORE . . . . .	2,107,700	417,096	-	-	-	-
BLUEFIN . . . . .	40,800	4,794	-	-	-	-
SKIPJACK . . . . .	3,148,900	319,613	-	-	-	-
YELLOWFIN . . . . .	2,201,200	303,105	-	-	-	-
TURBOT . . . . .	300	51	-	-	-	-
WAKO . . . . .	100	18	-	-	-	-
YELLOWTAIL . . . . .	20,200	1,996	-	-	-	-
UNCLASSIFIED, FOR FOOD,	600	111	-	-	-	-
ABALONE . . . . .	-	-	-	-	117,600	\$108,167
TOTAL . . . . .	8,537,600	1,176,047	24,300	13,554	117,600	108,167

# PACIFIC COAST FISHERIES

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## LANDINGS BY HALIBUT FLEET AT SEATTLE, WASHINGTON

Halibut landings at Seattle were 8.0 million pounds (dressed weight) worth \$2.0 million--4.3 million pounds (115 percent) and \$682,000 (51 percent) more than in the previous year. Fishing grounds west of Cape Spencer yielded 6.6 million pounds of halibut, an increase of 4.4 million compared with 1966. However, fishing grounds south of Cape Spencer yielded only 1.4 million pounds--slightly less than a year earlier.

Sablefish landings from fishing grounds off Cape Spencer (129,000 pounds) were 149,000 pounds less than in the previous year.

The following tables contain a summary of the landings of dressed halibut and sablefish 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, 1967

(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 . . .	107	77	18	3,404	875	2,548	654
SOUTH OF CAPE SPENCER . . .	72	246	57	995	259	112	29
TOTAL . . . . .	179	323	75	4,399	1,134	2,660	683

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 . . .	470	101	80	18	1	(1)	6,580	1,666
SOUTH OF CAPE SPENCER . . .	46	10	2	(1)	128	26	1,529	381
TOTAL . . . . .	516	111	82	18	129	26	8,109	2,047

SEE NOTE AT END OF NEXT TABLE.

## LANDINGS BY THE HALIBUT FLEET AT SEATTLE, BY MONTHS, 1967

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

MONTHS	TRIPS	HALIBUT (DRESSED)					
		CHICKEN		MEDIUM		LARGE	
		NUMBER	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
APRIL . . . . .	15	20	5	508	132	82	21
MAY . . . . .	26	36	9	631	161	352	90
JUNE . . . . .	27	65	15	630	162	330	85
JULY . . . . .	26	62	14	652	174	417	107
AUGUST . . . . .	40	74	17	1,020	254	651	161
SEPTEMBER . . . . .	20	40	9	467	120	354	91
OCTOBER . . . . .	16	25	6	369	100	332	89
NOVEMBER . . . . .	5	1	(1)	112	31	142	39
TOTAL . . . . .	179	323	75	4,399	1,134	2,660	683

MONTHS	HALIBUT (DRESSED) - CONTINUED				SABLEFISH		TOTAL	
	NO. 2 MEDIUM		NO. 2 LARGE		QUANTITY	VALUE	QUANTITY	VALUE
	QUANTITY	VALUE	QUANTITY	VALUE				
APRIL . . . . .	80	17	2	(1)	-	-	692	175
MAY . . . . .	45	10	4	1	14	2	1,082	273
JUNE . . . . .	43	9	11	3	3	1	1,082	275
JULY . . . . .	79	17	18	4	15	3	1,253	319
AUGUST . . . . .	152	32	16	3	31	6	1,944	473
SEPTEMBER . . . . .	60	13	6	2	42	9	969	244
OCTOBER . . . . .	42	10	15	3	24	5	807	213
NOVEMBER . . . . .	15	3	10	2	-	-	280	75
TOTAL . . . . .	516	111	82	18	129	26	8,109	2,047

1/ LESS THAN \$500. NOTE--THE 1967 PACIFIC HALIBUT FISHERY OPENED ON MARCH 29 IN AREAS 3C, 4C, AND 4D, AND CLOSED ON NOVEMBER 15 IN AREAS 3C AND 4D, AND ON APRIL 22 IN AREA 4C. AREA 4A OPENED APRIL 3 AND CLOSED APRIL 17. AREAS 2 AND 3A OPENED MAY 9 AND CLOSED OCTOBER 15. AREA 3B OPENED MAY 9 AND CLOSED NOVEMBER 15. AREA 4B OPENED SEPTEMBER 1 AND CLOSED SEPTEMBER 10.

# PACIFIC COAST FISHERIES

## SUMMARY OF U.S. HALIBUT FLEET OPERATING UNITS, 1967

ITEM	WASHINGTON AND OREGON FLEET	ALASKA FLEET	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER
REGULAR HALIBUT VESSELS:			
NUMBER . . . . .	76	227	253
GROSS TONNAGE . . . . .	3,581	7,378	8,322
CREW . . . . .	421	910	1,033
SKATES OF LINES . . . . .	3,258	7,242	8,039
REGULAR HALIBUT BOATS:			
NUMBER . . . . .	-	18	18
CREW . . . . .	-	30	30
SKATES OF LINES . . . . .	-	110	110
BOATS PRIMARILY OF OTHER FISHERIES BUT LANDING SMALL FARES OF HALIBUT 1/:			
NUMBER . . . . .	-	30	30
CREW . . . . .	-	45	45
SKATES OF LINES . . . . .	-	150	150

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.

## LANDINGS BY U.S. HALIBUT FLEET, 1967

(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 . . . . .	9,490	2,401	332	74	20,086	3,937	29,908	6,412
SABLEFISH . . . . .	521	94	3	1	1,460	202	1,984	297
LINGCOD . . . . .	11	1	-	-	12	2	23	3
ROCKFISH . . . . .	46	3	-	-	10	1	56	4
TOTAL . . . . .	10,068	2,499	335	75	21,568	4,142	31,971	6,716

NOTE:--IN ADDITION THERE WERE APPROXIMATELY 40,000 POUNDS OF "NORTHERN" HALIBUT LANDED IN CALIFORNIA. MOST OF THIS CATCH WAS INCLUDED UNDER "CALIFORNIA HALIBUT" AND "UNCLASSIFIED FLOUNDER". 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 LANDINGS, 1967

(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/ . . .	9,490	2,401	332	74	20,086	3,937	29,908	6,412
BRITISH COLUMBIA FLEET . . .	1,064	269	18,982	2/4,890	5,527	1,056	25,573	6,215
TOTAL . . . . .	10,554	2,670	19,314	4,964	25,613	4,993	55,481	12,627

1/ IN ADDITION THERE WERE APPROXIMATELY 40,000 POUNDS OF "NORTHERN" HALIBUT LANDED IN CALIFORNIA. MOST OF THIS CATCH WAS INCLUDED UNDER "CALIFORNIA HALIBUT" AND "UNCLASSIFIED FLOWNDERS".  
2/ CANADIAN FUNDS.

NOTE:--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 ARE CREDITED TO ALASKA. 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.

# PACIFIC COAST FISHERIES

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## WHALING, 1967

During the whaling season the Del Monte Fishing Company operated a whaling station at Point San Pablo, Calif. It was the only whaling station operating in California; none operated in Oregon in 1967. As in previous years, the Del Monte Company used the catcher boats Allen Cody, Dennis Gayle, and Donna Mae. The whaling season was April 1 to November 30, inclusive, for sperm whales and April 15 to October 15, inclusive, for other whales.

Special scientific permit No. 1967-1 issued to the Director, Bureau of Commercial Fisheries, Marine Mammal Laboratory, Seattle, Wash., authorized the taking of not more than 100 gray whales. Under this permit, the Del Monte Fishing Company took 99 gray whales during the period from January 1 to March 10. Special scientific permit No. 1967-3 authorized the taking of 50 sperm whales including lactating and undersized specimens. All 50 were taken between May 1 and November 16. The parts of the carcasses not used for scientific studies were given to the Del Monte Fishing Company for utilization.

The whale carcasses (excluding the meat) were taken to the Pacific Rendering Company, San Francisco, Calif., for processing into meal and oil. The entire catch was processed into 2.2 million pounds of meal, 2.5 million pounds of oil, and 1.9 million pounds of meat (for use as canned or frozen animal food). These products were valued at \$435,000 to the producer--an increase of \$3,000 compared with 1966.



## WHALE LANDINGS, 1967

MONTH	FIN	GRAY 1/	KILLER	SEI	SPERM 2/	TOTAL
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
JANUARY . . . . .	-	69	-	-	-	69
FEBRUARY . . . . .	-	12	-	-	-	12
MARCH . . . . .	-	18	-	-	-	18
APRIL . . . . .	-	-	-	-	6	6
MAY . . . . .	6	-	-	-	23	29
JUNE . . . . .	5	-	-	1	16	23
JULY . . . . .	11	-	1	2	8	16
AUGUST . . . . .	21	-	-	-	6	17
SEPTEMBER . . . . .	1	-	-	-	21	42
OCTOBER . . . . .	-	-	-	-	3	4
NOVEMBER . . . . .	-	-	-	-	17	17
TOTAL . . . . .	44	99	1	3	100	247

1/ SPECIAL SCIENTIFIC PERMIT NO. 1967-1 AUTHORIZED THE CAPTURE OF 100 GRAY WHALES.

2/ SPECIAL SCIENTIFIC PERMIT NO. 1967-3 AUTHORIZED THE CAPTURE OF 50 SPERM WHALES; 15 WERE TAKEN IN MAY, 13 IN JUNE, 3 IN AUGUST, 8 IN SEPTEMBER, AND 11 IN NOVEMBER.

## WHALE PRODUCTS, 1967

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

ITEM	QUANTITY	VALUE
MEAL . . . . .	2,224	134
MEAT . . . . .	1,927	154
OIL:		
SPERM . . . . .	964	57
WHALE . . . . .	1,519	90
TOTAL . . . . .	6,634	435

NOTE:--TO CONVERT POUNDS OF OIL TO GALLONS, DIVIDE BY 7.75.

# PACIFIC COAST FISHERIES

## FUR SEAL INDUSTRY OF THE PRIBILOF ISLANDS, 1967

Fur sealing operations on the Pribilof Islands produced 65,672 commercial sealskins--an increase of 12,806 compared with the previous year. Male seals accounted for 55,638 commercial sealskins; the remainder, 10,034 were taken from female seals.

CLASSES OF SEALS TAKEN ON THE PRIBILOF ISLANDS, BY AGE GROUP, 1967

ITEM	ST. PAUL ISLAND		ST. GEORGE ISLAND	
	MALE	FEMALE	MALE	FEMALE
	PERCENTAGE OF KILL			
BY AGE:				
2-YEAR-OLDS. . . . .	5	(1)	6	(1)
3-YEAR-OLDS. . . . .	64	8	61	16
4-YEAR-OLDS. . . . .	28	15	30	20
5-YEAR-OLDS. . . . .	3	16	3	16
6-YEAR-OLDS. . . . .	(1)	13	(1)	10
7-YEAR-OLDS AND OLDER. . . . .	-	48	-	38
TOTAL . . . . .	100	100	100	100

1/ NEGLIGIBLE.

NOTE:--PERCENTAGE OF MALE SEALS FOR SEASON JUNE 26 TO AUGUST 5. PERCENTAGE OF FEMALE SEALS FOR SEASON JULY 27 TO AUGUST 17.

Fur seal production on St. George Island was 24 percent of the total harvest--slightly more than in the previous year.

For the fifth consecutive year, sealskin curing operations were under government supervision. Seventy-eight men were employed in skin curing and carcass disposal--compared with 72 in 1966. Of this number, 37 were residents of the Pribilof Islands, 6 were natives of the Aleutian Islands, 27 came from Alaska, and 8 were from the contiguous States.

Aleutian Island natives and local temporary workers were hired for preparatory and maintenance work during May and June, as they became available from schools or other activities. The bulk of nonresident workers arrived just prior to the beginning of sealing on June 27. When the season was nearly over, about August 15, the ranks of the temporary workers were depleted as the fall crabbing industry reopened and school registration began. By September 15, all temporary plant helpers had gone.

As a result of the Fur Seal Act of 1966, which granted greater autonomy to St. Paul village, the Community Council there began to plan for future improvements. Major achievements during 1967 included construction of a new post office at St. Paul, operation of the Company House despite a large influx of visitors, and operation of the grocery store formerly run by the government. Arrangements were made for the training of a local policeman, a magistrate, and several firemen. Several young men, natives of the Pribilof Islands, who were encouraged to continue their education entered colleges or vocational training schools.

Medical and dental care for the Pribilovians is now the responsibility of the U.S. Department of Health, Education and Welfare. The State of Alaska administers the elementary education program of the children.

# PACIFIC COAST FISHERIES

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## DISTRIBUTION AND TAKE OF SEALSKINS

The fur seal treaty provides that Canada and Japan each receive 15 percent of the skins taken on the Pribilof Islands. The distribution of sealskins follows:

ITEM	UNITED STATES	CANADA	JAPAN	TOTAL
	NUMBER	NUMBER	NUMBER	NUMBER
<b>FROM ST. PAUL ISLAND:</b>				
MALE SKINS. . . . .	29,880	6,403	6,403	42,686
FEMALE SKINS. . . . .	5,209	1,116	1,116	7,441
TOTAL. . . . .	35,089	7,519	7,519	50,127
<b>FROM ST. GEORGE ISLAND:</b>				
MALE SKINS. . . . .	9,066	1,943	1,943	12,952
FEMALE SKINS. . . . .	1,815	389	389	2,593
TOTAL. . . . .	10,881	2,332	2,332	15,545
<b>FROM BOTH ISLANDS:</b>				
MALE SKINS. . . . .	38,946	8,346	8,346	55,638
FEMALE SKINS. . . . .	7,024	1,505	1,505	10,034
TOTAL. . . . .	45,970	9,851	9,851	65,672

The standard packing formula used in 1967 was 80 male skins, 80 immature female skins or 65 mature female skins per barrel.

All seal carcasses on St. Paul were ground and frozen for mink food by the contracting firm. This company permitted the Bureau's biologists to use their plant facilities to collect seal tags and tooth samples, and to record check marks. This arrangement proved to be much more satisfactory than previous experiments conducted in the field.

At the tenth meeting of the North Pacific Fur Seal Commission, Japan requested the United States to supply a barrel of seal stomachs to be used in a study of parasites being made by their biologists. Accordingly stomachs taken from 189 seals were collected in July, preserved in formalin, and sent to Japan in September.

The United States collected pairs of upper canine teeth from 50 known-age (tagged as pups) males and 50 known-age females. Individual variability in determining the ages of fur seals from rings on their canine teeth will be tested by having biologists from each of four member countries (Canada, Japan, Soviet Russia, and the United States) read the teeth independently.

## SALE OF SEALSKINS

There were 42,304 fur sealskins sold for the account of the U.S. Government at the two public auctions held in Greenville, S. C. Gross receipts from both 1967 sales were \$3,376,200. Offerings consisted of 36,736 conventionally processed skins, 3,716 LAKODA sheared skins, and 1,852 natural sheared. Proceeds from the sale which took place April 6-7 totaled \$1,676,900 and from the sale of Sept. 28-29, \$1,699,300.

DISTRIBUTION OF PRIBILOF ISLANDS RECEIPTS, FISCAL YEAR, 1967

ITEM	AMOUNT
COST OF HANDLING, PROCESSING, DYEING, AND DRESSING. . . . .	\$1,171,703
COST OF ADMINISTRATION OF PRIBILOF ISLANDS. . . . .	2,307,616
PAYMENT TO THE STATE OF ALASKA. . . . .	332,256
NET RECEIPTS TO THE U.S. GOVERNMENT. . . . .	142,380
TOTAL. . . . .	3,953,955

NOTE: FIGURES SHOWN IN THE ABOVE TABLE ARE COMPUTED ON A FISCAL YEAR BASIS. THOSE QUOTED IN THE PRECEDING NARRATIVE ARE ON A CALENDAR YEAR BASIS.

# SECTION 8 - GREAT LAKES FISHERIES

United States and Canadian commercial fishermen in the five Great Lakes, Lake St. Clair, and three of the five international lakes of northern Minnesota and Canada harvested 131.8 million pounds of fresh-water fish--11.4 million more than in the previous year. U.S. landings of 83.5 million pounds worth \$6 million increased 14.1 million pounds and \$175,000 compared with 1966. Canadian landings of 48.3 million pounds were 2.7 million pounds less than a year earlier.

The increased U.S. production resulted principally from alewife landings of 41.9 million pounds--12.9 million more than in 1966. Alewives accounted for 50 percent of the total U.S. catch from the Great Lakes and international lakes. Landings of chubs increased from 10 million pounds in 1966 to 11.3 million pounds in 1967, and there were smaller gains in the production of burbot, sheepshead, and smelt. Compared with the previous year, landings of carp, catfish, lake herring, suckers, white bass, whitefish, and yellow perch declined. The State of Michigan has been propagating coho salmon and these efforts resulted in commercial salmon landings in the Great Lakes for the first time on record.

Wisconsin with a record 39-million-pound production led in volume of landings followed by Michigan, 29.2 million; Ohio, 9.8 million; and Minnesota, 3.5 million pounds. Four States (New York, Pennsylvania, Illinois, and Indiana) supplied the remaining 2.1 million pounds. Michigan landings were the fourth highest since 1935. The five Great Lakes in order of total U.S. production were: Michigan, 59 million pounds; Erie, 11.6; Superior, 7.9; Huron, 3.2 million pounds; and Ontario, 284,000 pounds. The catch in Lake of the Woods (1.5 million pounds) accounted for 94 percent of the U.S. landings in the boundary lakes. The record 59-million-pound catch from Lake Michigan exceeded the combined United States and Canadian production from Lake Erie (49.4 million pounds) for the first time since 1903. The U.S. alewife catch of 41.9 million pounds was the greatest annual production recorded for any species since 1879 when records were first kept.

**Fishermen and vessels.** There were 2,026 fishermen operating 330 vessels (5 net tons or more) and 973 other craft in the U.S. commercial fisheries of the Great Lakes and international lakes--92 fishermen, 3 vessels, and 49 boats less than in the previous year. Vessels operated an average of 95 craft-days and other craft averaged 32 craft-days, slightly

more than in 1966. There were 129,951 fishermen-days and 62,287 craft-days in 1967--a decline of 521 fishermen-days and 634 craft-days compared with a year earlier.

**Fishing effort.** Commercial fishermen used three fishing gears more frequently than in 1966: Pound nets, fyke and hoop nets, and otter trawls. The 10,006 lifts of pound nets represented an increase of 3,264 lifts; and 9,370 lifts of fyke and hoop nets, 734 lifts. The third gear, otter trawls, was fished 8,226 hours--522 hours longer than a year ago. In Lake Michigan, the improved alewife catch accounted for most of the gain in the pound net and otter trawl fisheries; and increased landings of yellow perch accounted for the greater fishing intensity in the fyke-and-hoop-net fishery.

Use of the 2-1/8-to 3-7/8-inch-mesh gill nets increased in Lakes Erie and Michigan but declined in Lakes Superior and Huron. In 1967, 71,707,000 linear yards were lifted--2,052,000 less than in the previous year. Only a slight decrease occurred in Lake Superior; the major decline was in Lake Huron. The principal species caught with the 2-1/8-to 3-7/8-inch-mesh gill nets are herring, yellow perch, and chubs. For 3 successive years (1959-61) the chub catch in Lake Huron reached peak production, culminating with a record 3.2 million pounds in 1961. Since then production has declined and in 1967 was only 355,700 pounds. Each year fishermen have gone farther from port, even to midlake, in search of chubs.

Use of the 4-to 7-inch-mesh gill net decreased--only 23,940,000 linear yards were lifted compared with 26,435,000 in 1966. Principal cause of the decline was the Lake Michigan whitefish fishery, which decreased from 1,422,100 pounds in 1966 to 875,800 pounds in 1967. The whitefish population fluctuates--increasing for a number of years, then declining. After a period of abundance that began in 1964 and ended in 1966, whitefish appear to be on a downward cycle.

Compared with the previous year, trap net lifts (30,074 lifts) declined by 4,652 lifts--principally in Lakes Erie and Huron. In Lake Erie, trap net lifts declined by 3,303 lifts and in Lake Huron, by 1,697 lifts.

## U.S. catch by lake.

Lake Ontario. Production of 284,000 pounds was 46,800 pounds more than in 1966. Greater landings of white perch accounted

for most of the increase. The catch in Lake Ontario has not exceeded 1 million pounds since 1940; and from 1956 to 1967 production has ranged from a low of 180,000 pounds to a high of 351,000 pounds. The record production was 3.6 million pounds taken in 1879.

**Lake Erie.** Landings of 11.6 million pounds were 1.1 million less than in 1966, and the smallest production on record. The catch of yellow perch (3.4 million pounds), carp (3 million), and white bass (1.1 million pounds) declined 698,200, 659,400, and 122,300 pounds, respectively, compared with the previous year. United States landings for the 1960-67 period averaged only 16.1 million pounds compared with Canadian landings for the same period, which averaged 35.4 million pounds. During 1950-59, however, the United States averaged 25.6 million pounds, and Canada averaged 27.4 million.

**Lake Huron.** Landings of 3.2 million pounds were 557,400 pounds less than in the previous year and the smallest production on record. Principal cause of the decline was chub landings of only 355,700 pounds--451,600 pounds less than in 1966. Carp, chubs, suckers, whitefish, and yellow perch accounted for 92 percent of the production.

**Lake Michigan.** The record 59-million-pound production was 16.2 million pounds more than in 1966, and 11.6 million more than in 1908, the former record year. The gain occurred mainly in alewife landings of 41.9 million pounds--an increase of 12.9 million (44 percent) compared with the previous year. Alewives were 71 percent of the Lake Michigan catch in 1967. Compared with the previous year landings of chubs (9.1 million pounds) increased 1.9 million pounds and yellow perch (1.3 million) increased 529,000 pounds. The only major decline occurred in whitefish landings of 875,800 pounds--546,300 pounds less than in 1966.

The State of Michigan's propagation of coho salmon resulted in commercial salmon landings in the Great Lakes for the first time on record. The 1.5-million-pound production came from plantings of yearling salmon in two streams tributary to Lake Michigan in the spring of 1966. The Michigan production was sold by the State to commercial fishermen and dealers at State-operated weir sites during spawning runs in parent streams. The weirs were set up near State hatcheries to obtain eggs for propagation. When the quota of 8 million eggs was taken, about 2,000 salmon were permitted to pass above the weirs into the streams for natural spawning. Some of the eggs were given to the Province of Ontario, Canada, and to the States of Wisconsin, Ohio, Pennsylvania, and New York. About 17,000 adult salmon were transferred to 10 streams

in northern Michigan. The salmon were sold by the State at prices ranging from 1-1/2 to 10 cents per pound. The lower priced fish were used for animal feeding after the roe had been removed for bait or for processing into caviar. During 1967, commercial fishing for salmon was not permitted in the Michigan waters of Lake Michigan. Commercial fishermen took 76,000 pounds of salmon from Indiana waters in the early spring before conservation regulations were put into effect.

**Lake Superior.** The production of 7.9 million pounds declined 362,900 pounds compared with the previous year. Principal cause of the decline was the lake herring harvest of only 3.8 million pounds--720,300 pounds less than in 1966. Lake herring landings in Lake Superior have declined steadily each year since 1961. Chub landings decreased slightly, but smelt, lake trout, and whitefish landings increased.

**International Lakes.** The 1.6-million-pound production was slightly less than in 1966. The catch of tullibee, burbot, suckers, and yellow pike accounted for 92 percent of the total production.

**Sea lamprey control.** The Bureau continued to operate 16 electrical barriers in streams tributary to the south shore of Lake Superior. These devices are used to test the effectiveness of a given lampricide. During 1967, a survey of 15 streams disclosed sea lampreys present in such numbers that 13 of the streams were treated with chemicals. Of the streams already treated, 63 were checked again for reestablished sea lamprey populations and larvae were found in 12 of these.

**Research.** The four Bureau research vessels, Cisco, Kaho, Musky II, and Siscowet continued to support research studies on the Great Lakes. Many alewives died during the late spring, and the fish littered beaches along the shore of Lake Michigan. The Bureau immediately began a continuing study of the alewife population to determine year-class strength and cause of mortality. Research continues on several biological and technological studies such as pesticide concentrations in fish and botulism organisms.

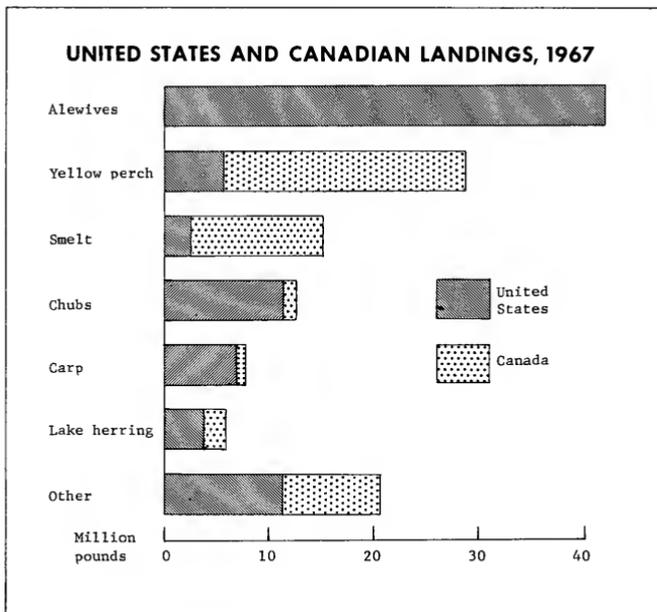
**Other information.** Condensed summary data on landings of the Great Lakes Fisheries appearing on the following pages, have been previously published in Current Fishery Statistics No. 4971. Seasonal variations in the catch of fish landed in Wisconsin, Ohio, and Michigan can be ascertained from monthly landings bulletins issued currently in cooperation with the fishery departments of these states. Additional specific data on Great Lakes

# GREAT LAKES FISHERIES

Fisheries may be found in the daily, monthly, and annual reports published by the Bureau's Fishery Market News Service office in Chicago, Ill.

**Acknowledgments.** The following organizations helped collect the data appearing in this section: Dominion Bureau of Statistics of Canada; Illinois Department of Conservation, Division of Fisheries; Indiana Department of Conservation, Division of Fish and Game,

Section of Fish Management; Michigan Department of Conservation, Fish Section, Great Lakes Fisheries; Minnesota Department of Conservation, Division of Game and Fish, Section of Fisheries; 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, Fish Management Division.



# GREAT LAKES FISHERIES

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## SUMMARY OF UNITED STATES AND CANADIAN LANDINGS, 1967

(THOUSANDS OF POUNDS)

SPECIES	LAKE ONTARIO			LAKE ERIE		
	UNITED STATES	CANADA	TOTAL	UNITED STATES	CANADA	TOTAL
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
BLUE PIKE . . . . .	(1)	-	(1)	(1)	-	(1)
BOWFIN . . . . .	(1)	6	6	(1)	12	12
BUFFALOFISH . . . . .	-	-	-	42	-	42
BULLHEADS . . . . .	-	113	140	28	15	43
BURBOT . . . . .	(1)	-	(1)	6	-	6
CARP . . . . .	22	392	414	3,043	51	3,094
CATFISH . . . . .	3	14	17	655	125	780
CRAPPIE . . . . .	2	-	2	(1)	-	(1)
EEL, COMMON . . . . .	34	136	170	(1)	-	(1)
GIZZARD SHAD . . . . .	-	-	-	30	-	30
GOLDFISH . . . . .	-	-	-	94	-	94
LAKE HERRING . . . . .	3	59	62	(1)	-	(1)
LAKE TROUT . . . . .	-	-	-	(1)	-	(1)
MOONEYE OR GOLDEYE . . . . .	-	-	-	(1)	-	(1)
PIKE OR PICKEREL . . . . .	-	18	18	(1)	-	(1)
QUILLBACK . . . . .	-	-	-	(1)	5	5
ROCK BASS . . . . .	9	51	60	(1)	-	(1)
SAUGER . . . . .	(1)	-	(1)	(1)	63	63
SHEEPSHEAD . . . . .	(1)	16	16	2,559	494	3,053
SMELT . . . . .	(1)	155	155	3	12,501	12,504
STURGEON, COMMON . . . . .	(1)	1	1	(1)	-	(1)
SUCKERS . . . . .	9	28	37	177	75	252
SUNFISH . . . . .	14	161	175	-	13	13
WHITE BASS . . . . .	(1)	2	2	1,099	822	1,921
WHITEFISH, COMMON . . . . .	2	47	49	3	-	3
WHITE PERCH . . . . .	145	179	325	(1)	-	(1)
YELLOW PERCH . . . . .	12	267	299	3,365	22,067	25,432
YELLOW PIKE . . . . .	1	26	27	511	747	1,258
TURTLES . . . . .	-	1	1	-	-	-
UNCLASSIFIED, FOR ANIMAL FOOD . . . . .	-	140	140	-	759	759
TOTAL . . . . .	284	1,832	2,116	11,615	37,770	49,385

SPECIES	LAKE HURON			LAKE MICHIGAN	LAKE SUPERIOR	
	UNITED STATES	CANADA	TOTAL	UNITED STATES	UNITED STATES	CANADA
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
ALEWIVES . . . . .	-	-	-	41,896	(1)	-
BOWFIN . . . . .	(1)	-	(1)	(1)	-	(1)
BUFFALOFISH . . . . .	-	-	-	-	-	-
BULLHEADS . . . . .	3	3	6	10	-	-
BURBOT . . . . .	(1)	10	10	31	14	3
CARP . . . . .	972	104	1,076	2,542	(1)	-
CATFISH . . . . .	129	27	156	1	(1)	-
CHUBS . . . . .	356	754	1,110	9,069	1,868	8
CRAPPIE . . . . .	1	-	1	-	-	-
GARFISH . . . . .	(1)	-	(1)	-	-	-
GIZZARD SHAD . . . . .	1	-	1	-	-	-
LAKE HERRING . . . . .	-	11	11	30	3,787	1,854
LAKE TROUT . . . . .	(1)	2	2	1	201	202
PIKE OR PICKEREL . . . . .	-	41	41	35	1	4
QUILLBACK . . . . .	7	-	7	-	-	-
ROCK BASS . . . . .	1	2	3	(1)	-	-
SALMON, SILVER OR COHO . . . . .	-	-	-	1,484	-	-
SAUGER . . . . .	(1)	-	(1)	-	(1)	22
SHEEPSHEAD . . . . .	9	142	151	-	-	-
SMELT . . . . .	52	4	56	1,225	1,496	-
STURGEON, COMMON . . . . .	1	19	20	(1)	-	3
SUCKERS . . . . .	243	227	470	391	39	30
WHITE BASS . . . . .	1	7	8	-	-	-
WHITEFISH . . . . .	-	-	-	-	-	-
COMMON . . . . .	262	608	870	875	458	150
MENOMINEE . . . . .	2	35	37	60	28	6
YELLOW PERCH . . . . .	1,134	254	1,388	1,265	2	8
YELLOW PIKE . . . . .	27	267	294	16	1	274
UNCLASSIFIED, FOR ANIMAL FOOD . . . . .	-	149	149	-	-	4
TOTAL . . . . .	3,212	2,666	5,878	58,951	7,895	2,568

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

## GREAT LAKES FISHERIES

## SUMMARY OF UNITED STATES AND CANADIAN LANDINGS, 1967 - Continued

(THOUSANDS OF POUNDS)

SPECIES	LAKE SUPERIOR CONTINUED	TOTAL, GREAT LAKES			LAKE ST. CLAIR, CANADA	LAKE OF THE WOODS
	TOTAL	UNITED STATES	CANADA	TOTAL	UNITED STATES	UNITED STATES
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
ALEWIVES . . . . .	(1)	41,896	-	41,896	-	-
BLUE PIKE . . . . .	(1)	-	-	-	-	-
BOWFIN . . . . .	-	(1)	18	18	-	-
BUFFALO FISH . . . . .	-	42	-	42	-	-
BULLHEADS . . . . .	-	68	-	199	6	2
BURBOT . . . . .	17	51	13	64	-	231
CHUB . . . . .	(1)	6,579	547	7,126	215	-
CATFISH . . . . .	(1)	788	166	954	74	-
CHUBS . . . . .	1,876	11,313	762	12,075	-	-
CRAPPIE . . . . .	-	3	-	3	-	-
EEL, COMMON . . . . .	-	34	135	170	-	-
GARFISH . . . . .	-	(1)	-	(1)	-	-
GIZZARD SHAD . . . . .	-	31	-	31	-	-
GOLDFISH . . . . .	-	94	-	94	-	-
LAKE HERRING . . . . .	5,641	3,831	1,924	5,755	-	-
LAKE TROUT . . . . .	403	202	204	406	-	-
MOONEYE OR GOLDEYE . . . . .	-	(1)	-	(1)	-	-
PIKE OR PICKEREL . . . . .	5	36	68	104	18	34
QUILLBACK . . . . .	-	7	-	7	-	-
ROCK BASS . . . . .	-	10	116	126	32	-
SALMON, SILVER OR COHO . . . . .	-	1,484	-	1,484	-	-
SAUGER . . . . .	22	(1)	22	22	2	26
SHEEPSHEAD . . . . .	-	2,568	652	3,220	12	-
SMELT . . . . .	1,496	2,776	12,660	15,436	-	-
STURGEON, COMMON . . . . .	3	1	24	25	11	-
SUCKERS . . . . .	69	859	360	1,219	60	185
SUNFISH . . . . .	-	14	174	188	64	-
TULLIBEE . . . . .	-	-	-	-	-	863
WHITE BASS . . . . .	-	1,100	831	1,931	23	-
WHITEFISH: COMMON . . . . .	608	1,600	805	2,405	-	(1)
WENONHNEE . . . . .	34	90	41	131	-	-
WHITE PERCH . . . . .	-	146	179	325	-	-
YELLOW PERCH . . . . .	10	5,778	22,636	28,414	64	28
YELLOW PIKE . . . . .	275	556	1,314	1,870	185	138
TURTLES . . . . .	-	-	1	1	-	-
UNCLASSIFIED, FOR ANIMAL FOOD . . . . .	4	-	1,052	1,052	24	-
TOTAL . . . . .	10,463	81,957	44,836	126,793	810	1,507

SPECIES	LAKE OF THE WOODS - CONTINUED		NAMAKAN LAKE, UNITED STATES	RAINY LAKE		
	CANADA	TOTAL		UNITED STATES	CANADA	TOTAL
	QUANTITY	QUANTITY		QUANTITY	QUANTITY	QUANTITY
BULLHEADS . . . . .	31	33	-	-	-	
BURBOT . . . . .	192	423	2	7	43	
CHUBS . . . . .	233	233	-	-	61	
LAKE TROUT . . . . .	3	3	-	-	-	
PIKE OR PICKEREL . . . . .	320	354	-	4	144	
ROCK BASS . . . . .	76	76	-	-	7	
SAUGER . . . . .	35	61	-	(1)	(1)	
SUCKERS . . . . .	326	511	4	20	141	
TULLIBEE . . . . .	-	863	12	18	10	
WHITEFISH, COMMON . . . . .	68	68	-	-	44	
YELLOW PERCH . . . . .	20	48	-	(1)	2	
YELLOW PIKE . . . . .	654	792	-	8	74	
UNCLASSIFIED, FOR ANIMAL FOOD . . . . .	83	83	-	-	80	
TOTAL . . . . .	2,041	3,548	34	67	592	

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

# GREAT LAKES FISHERIES

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## SUMMARY OF UNITED STATES AND CANADIAN LANDINGS, 1967 - Continued

(THOUSANDS OF POUNDS)

SPECIES	TOTAL INTERNATIONAL LAKES			GRAND TOTAL, ALL LAKES		
	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 . . . . .	-	-	-	41,896	-	41,896
BLUE PIKE . . . . .	-	-	-	(1)	-	42
BOWFIN . . . . .	-	-	-	(1)	-	18
BUFFALO FISH . . . . .	-	-	-	-	42	18
BULLHEAD . . . . .	-	37	39	70	168	238
BURBOT . . . . .	240	235	475	291	248	539
CARP . . . . .	-	215	215	6,579	762	7,341
CATFISH . . . . .	-	74	74	788	240	1,028
CHUBS . . . . .	-	294	294	11,313	1,056	12,369
CRAPPIE . . . . .	-	-	-	-	3	3
EEL, COMMON . . . . .	-	-	-	34	136	170
GARFISH . . . . .	-	-	-	(1)	-	(1)
GIZZARD SHAD . . . . .	-	-	-	31	-	31
GOLDFISH . . . . .	-	-	-	94	-	94
LAKE HERRING . . . . .	-	-	-	3,931	1,924	5,755
LAKE TROUT . . . . .	-	3	3	202	207	409
MOONEYE OR GOLDFEYE . . . . .	-	-	-	(1)	-	(1)
PIKE OR PICKEREL . . . . .	38	478	516	74	546	620
QUILLBACK . . . . .	-	-	-	7	-	7
ROCK BASS . . . . .	-	115	115	10	231	241
SALMON, SILVER OR COHO . . . . .	-	-	-	1,484	-	1,484
SAUGER . . . . .	26	37	63	26	59	85
SHEEPSHEAD . . . . .	-	12	12	2,568	664	3,232
SMELT . . . . .	-	-	-	2,776	12,660	15,436
STURGEON, COMMON . . . . .	-	-	-	11	35	46
SUCKERS . . . . .	209	547	756	1,068	907	1,975
SUNFISH . . . . .	-	64	64	14	238	252
TULLIBEE . . . . .	885	-	885	885	-	885
WHITE BASS . . . . .	-	23	23	1,100	854	1,954
WHITEFISH:						
COMMON . . . . .	34	112	146	1,634	917	2,551
HEMNONIEE . . . . .	-	-	-	90	41	131
WHITE PERCH . . . . .	-	-	-	146	179	325
YELLOW PERCH . . . . .	28	86	114	5,806	22,722	28,528
YELLOW PIKE . . . . .	146	913	1,059	702	2,227	2,929
TURTLES . . . . .	-	-	-	-	1	1
UNCLASSIFIED, FOR ANIMAL FOOD . . . . .	-	187	187	-	1,239	1,239
<b>TOTAL . . . . .</b>	<b>1,608</b>	<b>3,443</b>	<b>5,051</b>	<b>83,565</b>	<b>48,279</b>	<b>131,844</b>

1/ LESS THAN 500 POUNDS.

NOTE:--IN CANADA THE LANDINGS OF CRAPPIES HAVE BEEN INCLUDED WITH ROCK BASS.

## SUMMARY OF U.S. LANDINGS, 1967

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

STATE	TOTAL	
	<u>QUANTITY</u>	<u>VALUE</u>
NEW YORK . . . . .	538	128
PENNSYLVANIA . . . . .	478	63
OHIO . . . . .	9,831	1,054
MICHIGAN . . . . .	29,221	2,846
INDIANA . . . . .	875	62
ILLINOIS . . . . .	170	37
WISCONSIN . . . . .	38,990	1,645
MINNESOTA . . . . .	3,462	215
<b>TOTAL . . . . .</b>	<b>83,565</b>	<b>6,050</b>

# GREAT LAKES FISHERIES

## SECTIONAL SUMMARIES

### SUMMARY OF U.S. OPERATING UNITS AND FISHING EFFORT, BY LAKES, 1967

ITEM	LAKE ONTARIO	LAKE ERIE	LAKE HURON	LAKE MICHIGAN	LAKE SUPERIOR	INTER-NATIONAL LAKES	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
<b>FISHERMEN:</b>							
<b>ON VESSELS:</b>							
REGULAR . . . . .	3	21	3	116	30	-	182
PART-TIME . . . . .	-	60	33	133	80	-	296
CASUAL . . . . .	-	50	44	124	63	-	240
<b>ON BOATS AND SHORE:</b>							
REGULAR . . . . .	-	3	3	3	12	-	21
PART-TIME . . . . .	2	73	62	124	90	46	397
CASUAL . . . . .	37	245	114	301	176	15	888
TOTAL FISHERMEN . . . . .	42	452	259	801	451	61	2,026
<b>VESSELS, MOTOR:</b>							
REGULAR . . . . .	1	7	1	39	10	-	61
PART-TIME . . . . .	-	30	16	65	40	-	149
CASUAL . . . . .	-	25	22	62	30	-	120
TOTAL VESSELS . . . . .	1	62	39	166	80	-	330
TOTAL GROSS TONNAGE . . . . .	10	772	636	3,696	1,576	-	6,268
<b>BOATS:</b>							
<b>MOTOR:</b>							
REGULAR . . . . .	-	1	1	1	4	-	7
PART-TIME . . . . .	1	32	31	62	45	23	194
CASUAL . . . . .	20	193	85	240	164	11	713
TOTAL MOTOR BOATS . . . . .	21	226	117	303	213	34	914
<b>OTHER:</b>							
PART-TIME . . . . .	-	10	2	-	-	-	12
CASUAL . . . . .	1	41	2	3	-	-	47
TOTAL OTHER BOATS . . . . .	1	51	4	3	-	-	59
<b>DAYS OPERATED:</b>							
<b>FISHERMEN:</b>							
ON VESSELS . . . . .	531	11,387	4,716	42,427	15,664	-	74,725
ON BOATS AND SHORE . . . . .	756	11,347	8,628	15,443	14,204	4,848	55,226
TOTAL FISHERMEN DAYS . . . . .	1,287	22,734	13,344	57,870	29,868	4,848	129,951
<b>CRAFT:</b>							
VESSELS . . . . .	177	4,954	2,182	17,098	6,785	-	31,196
BOATS, MOTOR . . . . .	379	6,320	4,825	9,039	7,973	2,555	31,091
TOTAL CRAFT DAYS . . . . .	556	11,274	7,007	26,137	14,758	2,555	62,287
<b>FISHING EFFORT:</b>							
<b>LIFTS:</b>							
POUND NETS . . . . .	-	31	1,612	7,206	1,134	23	10,006
TRAP NETS . . . . .	1,104	15,591	8,029	1,698	1,220	2,432	30,074
FYKE AND HOOP NETS . . . . .	314	600	271	7,510	19	656	9,370
LIFTS PER 1,000 LINEAR YARDS:							
HAUL SEINES . . . . .	2	2,388	111	122	2	-	2,625
<b>GILL NETS:</b>							
1-1/4 TO 2 INCH MESH . . . . .	-	-	(1)	364	151	-	515
2-1/8 TO 3-7/8 INCH MESH . . . . .	28	8,337	4,549	42,992	15,801	-	71,707
4 TO 7 INCH MESH . . . . .	398	1,556	2,556	10,724	6,560	2,146	23,940
7-1/8 TO 14 INCH MESH . . . . .	2	26	839	469	47	-	1,383
<b>LIFTS PER 1,000 HOOKS, LINES, LONG OR SET . . . . .</b>							
HOURS TRAWLED . . . . .	-	1,112	734	7	-	-	1,853
				8,061	165		8,226

1/ LESS THAN 500 LINEAR YARDS.

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

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## SUMMARY OF U.S. OPERATING UNITS AND FISHING EFFORT, BY STATES, 1967

ITEM	NEW YORK	PENNSYLVANIA	OHIO	MICHIGAN	INDIANA	ILLINOIS	WISCONSIN	MINNESOTA	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
<b>FISHERMEN:</b>									
<b>ON VESSELS:</b>									
REGULAR . . . . .	3	6	9	72	2	-	78	3	182
PART-TIME . . . . .	8	7	45	156	2	2	100	4	298
CASUAL . . . . .	2	11	42	134	4	6	73	4	240
<b>ON BOATS AND SHORE:</b>									
REGULAR . . . . .	-	3	-	6	-	-	3	9	21
PART-TIME . . . . .	2	2	66	165	2	4	66	90	397
CASUAL . . . . .	50	2	209	393	5	3	179	47	888
<b>TOTAL FISHERMEN</b>	<b>65</b>	<b>31</b>	<b>371</b>	<b>926</b>	<b>15</b>	<b>15</b>	<b>499</b>	<b>157</b>	<b>2,026</b>
<b>VESSELS, MOTOR:</b>									
REGULAR . . . . .	1	2	3	24	1	-	26	1	61
PART-TIME . . . . .	4	3	22	77	1	1	48	2	149
CASUAL . . . . .	1	4	21	66	2	3	36	2	120
<b>TOTAL VESSELS</b>	<b>6</b>	<b>9</b>	<b>46</b>	<b>167</b>	<b>4</b>	<b>4</b>	<b>110</b>	<b>5</b>	<b>330</b>
<b>TOTAL GROSS TONNAGE</b>	<b>73</b>	<b>112</b>	<b>586</b>	<b>3,303</b>	<b>124</b>	<b>80</b>	<b>2,371</b>	<b>117</b>	<b>6,268</b>
<b>BOATS:</b>									
<b>MOTOR:</b>									
REGULAR . . . . .	-	1	-	2	-	-	1	3	7
PART-TIME . . . . .	1	1	29	82	1	2	33	45	194
CASUAL . . . . .	33	2	164	324	5	3	139	49	713
<b>TOTAL MOTOR BOATS</b>	<b>34</b>	<b>4</b>	<b>193</b>	<b>408</b>	<b>6</b>	<b>5</b>	<b>173</b>	<b>91</b>	<b>914</b>
<b>OTHER:</b>									
PART-TIME . . . . .	-	-	9	3	-	-	-	-	12
CASUAL . . . . .	1	-	37	6	-	-	3	-	47
<b>TOTAL OTHER BOATS</b>	<b>1</b>	<b>-</b>	<b>46</b>	<b>9</b>	<b>-</b>	<b>-</b>	<b>3</b>	<b>-</b>	<b>59</b>
<b>DAYS OPERATED:</b>									
<b>FISHERMEN:</b>									
ON VESSELS . . . . .	1,569	1,898	6,935	33,712	974	308	28,388	941	74,725
ON BOATS AND SHORE . . . . .	908	704	9,697	22,856	451	244	8,711	11,655	55,226
<b>TOTAL FISHERMEN DAYS</b>	<b>2,477</b>	<b>2,602</b>	<b>16,632</b>	<b>56,568</b>	<b>1,425</b>	<b>552</b>	<b>37,099</b>	<b>12,596</b>	<b>129,951</b>
<b>CRAFT:</b>									
VESSELS . . . . .	696	719	3,117	14,475	358	154	11,306	371	31,196
BOATS, MOTOR . . . . .	531	289	5,468	13,421	283	126	4,982	5,991	31,091
<b>TOTAL CRAFT DAYS</b>	<b>1,227</b>	<b>1,008</b>	<b>8,585</b>	<b>27,896</b>	<b>641</b>	<b>280</b>	<b>16,288</b>	<b>6,362</b>	<b>62,287</b>
<b>FISHING EFFORT:</b>									
<b>LIFTS:</b>									
POUND NETS . . . . .	-	-	-	6,243	-	-	3,619	144	10,006
TRAP NETS . . . . .	1,104	-	13,352	13,186	-	-	-	2,432	30,074
FYKE AND HOOP NETS . . . . .	314	-	376	542	-	-	7,482	656	9,370
<b>LIFTS PER 1,000 LINEAR YARDS:</b>									
HAUL SEINES . . . . .	2	-	2,215	286	-	-	122	-	2,625
<b>GILL NETS:</b>									
1-1/4 TO 2 INCH MESH . . . . .	-	-	-	184	-	1	330	-	515
2-1/8 TO 3-7/8 INCH MESH . . . . .	980	3,244	4,135	34,428	740	855	25,149	2,176	71,707
4 TO 7 INCH MESH . . . . .	1,304	29	616	16,079	1,020	-	2,450	2,442	23,940
7-1/8 TO 14 INCH MESH . . . . .	2	-	26	886	-	-	469	-	1,383
<b>LIFTS PER 1,000 HOOKS, LINES, LONG OR SET . . . . .</b>	<b>-</b>	<b>-</b>	<b>1,068</b>	<b>785</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,853</b>
<b>HOURS TRAWLED</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,439</b>	<b>110</b>	<b>-</b>	<b>6,615</b>	<b>62</b>	<b>8,226</b>

SEE NOTE ON PAGE 326.

## GREAT LAKES FISHERIES

SUMMARY OF U.S. OPERATING UNITS AND  
FISHING EFFORT, BY STATES AND LAKES, 1967

ITEM	NEW YORK		PENNSYLVANIA	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
<b>FISHERMEN:</b>								
<b>ON VESSELS:</b>								
REGULAR . . . . .	3	-	6	9	3	3	39	18
PART-TIME . . . . .	-	8	7	45	6	33	79	46
CASUAL . . . . .	-	2	11	42	4	44	85	37
<b>ON BOATS AND SHORE:</b>								
REGULAR . . . . .	-	-	3	-	-	3	-	3
PART-TIME . . . . .	2	-	2	66	5	62	56	42
CASUAL . . . . .	37	13	2	209	21	114	146	112
TOTAL FISHERMEN . . . . .	42	23	31	371	39	259	405	258
<b>VESSELS, MOTOR:</b>								
REGULAR . . . . .	1	-	2	3	1	1	13	6
PART-TIME . . . . .	-	4	3	22	3	16	37	23
CASUAL . . . . .	-	1	4	21	2	22	42	17
TOTAL VESSELS . . . . .	1	5	9	46	6	39	92	46
TOTAL GROSS TONNAGE . . . . .	10	63	112	586	67	636	2,033	938
<b>BOATS:</b>								
<b>MOTOR:</b>								
REGULAR . . . . .	-	-	1	-	-	1	-	1
PART-TIME . . . . .	1	-	1	29	2	31	28	21
CASUAL . . . . .	20	13	2	164	4	85	119	106
TOTAL MOTOR BOATS . . . . .	21	13	4	193	6	117	147	128
<b>OTHER:</b>								
PART-TIME . . . . .	-	-	-	9	1	2	-	-
CASUAL . . . . .	1	-	-	37	4	2	-	-
TOTAL OTHER BOATS . . . . .	1	-	-	46	5	4	-	-
<b>DAYS OPERATED:</b>								
<b>FISHERMEN:</b>								
ON VESSELS . . . . .	531	1,038	1,898	6,935	1,516	4,716	17,647	9,833
ON BOATS AND SHORE . . . . .	756	152	704	9,697	794	8,628	7,062	6,372
TOTAL FISHERMEN DAYS . . . . .	1,287	1,190	2,602	16,632	2,310	13,344	24,709	16,205
<b>CRAFT:</b>								
VESSELS . . . . .	177	519	719	3,117	599	2,182	7,471	4,229
BOATS, MOTOR . . . . .	379	152	289	5,468	411	4,825	4,903	3,882
TOTAL CRAFT DAYS . . . . .	556	671	1,008	8,585	1,010	7,007	11,774	8,105
<b>FISHING EFFORT:</b>								
<b>LIFTS:</b>								
POUND NETS . . . . .	-	-	-	-	31	1,612	4,229	371
TRAP NETS . . . . .	1,104	-	-	13,352	2,239	8,029	1,698	1,220
FYKE AND HOOP NETS . . . . .	314	-	-	376	224	271	28	19
<b>LIFTS PER 1,000 LINEAR YARDS:</b>								
HAUL SEINES . . . . .	2	-	-	2,215	173	111	-	2
<b>GILL NETS:</b>								
1-1/4 TO 2 INCH MESH . . . . .	-	-	-	-	-	(1)	123	61
2-1/8 TO 3-7/8 INCH MESH . . . . .	28	952	3,244	4,135	6	4,549	19,980	9,893
4 TO 7 INCH MESH . . . . .	398	906	- 29	616	5	2,556	8,536	4,982
7-1/8 TO 14 INCH MESH . . . . .	2	-	-	26	-	839	(1)	47
LIFTS PER 1,000 HOOKS, LINES, LONG OR SET . . . . .	-	-	-	1,068	44	734	7	-
HOURS TRAWLED . . . . .	-	-	-	-	-	-	1,336	103

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

# GREAT LAKES FISHERIES

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## SUMMARY OF U.S. OPERATING UNITS AND FISHING EFFORT, BY STATES AND LAKES, 1967 - Continued

ITEM	INDIANA	ILLINOIS	WISCONSIN		MINNESOTA	
	LAKE MICHIGAN	LAKE MICHIGAN	LAKE MICHIGAN	LAKE SUPERIOR	LAKE SUPERIOR	INTERNATIONAL LAKES
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
<b>FISHERMEN:</b>						
<b>ON VESSELS:</b>						
REGULAR . . . . .	2	-	69	9	3	-
PART-TIME . . . . .	2	2	68	32	4	-
CASUAL . . . . .	4	6	49	24	4	-
<b>ON BOATS AND SHORE:</b>						
REGULAR . . . . .	-	-	3	-	9	-
PART-TIME . . . . .	2	4	62	32	44	46
CASUAL . . . . .	5	3	147	-	32	15
<b>TOTAL FISHERMEN . . . . .</b>	<b>15</b>	<b>15</b>	<b>398</b>	<b>101</b>	<b>96</b>	<b>61</b>
<b>VESSELS, MOTOR:</b>						
REGULAR . . . . .	1	-	23	3	1	-
PART-TIME . . . . .	1	1	32	16	2	-
CASUAL . . . . .	2	3	24	12	2	-
<b>TOTAL VESSELS . . . . .</b>	<b>4</b>	<b>4</b>	<b>79</b>	<b>31</b>	<b>5</b>	<b>-</b>
<b>TOTAL GROSS TONNAGE . . . . .</b>	<b>124</b>	<b>80</b>	<b>1,807</b>	<b>564</b>	<b>117</b>	<b>-</b>
<b>BOATS:</b>						
<b>MOTOR:</b>						
REGULAR . . . . .	-	-	1	-	3	-
PART-TIME . . . . .	1	2	31	2	22	23
CASUAL . . . . .	5	3	113	26	32	11
<b>TOTAL MOTOR BOATS . . . . .</b>	<b>6</b>	<b>5</b>	<b>145</b>	<b>28</b>	<b>57</b>	<b>34</b>
OTHER, CASUAL . . . . .	-	-	3	-	-	-
<b>DAYS OPERATED:</b>						
<b>FISHERMEN:</b>						
ON VESSELS . . . . .	974	308	23,498	4,890	941	-
ON BOATS AND SHORE . . . . .	451	244	7,686	1,025	6,807	4,848
<b>TOTAL FISHERMEN DAYS . . . . .</b>	<b>1,425</b>	<b>552</b>	<b>31,184</b>	<b>5,915</b>	<b>7,748</b>	<b>4,848</b>
<b>CRAFT:</b>						
VESSELS . . . . .	358	154	9,115	2,191	371	-
BOATS, MOTOR . . . . .	283	126	4,327	655	3,436	2,555
<b>TOTAL CRAFT DAYS . . . . .</b>	<b>641</b>	<b>280</b>	<b>13,442</b>	<b>2,846</b>	<b>3,807</b>	<b>2,555</b>
<b>FISHING EFFORT:</b>						
<b>LIFTS:</b>						
POUND NETS . . . . .	-	-	2,977	642	121	23
TRAP NETS . . . . .	-	-	-	-	-	2,432
FYKE AND HOOP NETS . . . . .	-	-	7,482	-	-	656
LIFTS PER 1,000 LINEAR YARDS:						
<b>HAUL SEINES:</b>						
GILL NETS:						
1-1/4 TO 2 INCH MESH . . . . .	-	1	240	90	-	-
2-1/8 TO 3-7/8 INCH MESH . . . . .	740	895	21,417	3,732	2,176	-
4 TO 7 INCH MESH . . . . .	1,020	-	1,168	1,262	296	2,146
7-1/8 TO 14 INCH MESH . . . . .	-	-	469	-	-	-
HOURS TRAWLED . . . . .	110	-	6,615	-	62	-

1/ LESS THAN 500 LINEAR YARDS.  
SEE NOTE ON PAGE 326.

## GREAT LAKES FISHERIES

## LANDINGS BY STATES, 1967

SPECIES	NEW YORK		PENNSYLVANIA		OHIO	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUE PIKE . . . . .	(1)	\$16	(1)	\$6	100	\$26
BOWFIN . . . . .	300	20	-	-	-	-
BUFFALOFISH . . . . .	-	-	-	-	35,700	4,421
BULLHEADS . . . . .	27,100	8,143	-	-	27,100	4,201
BURBOT . . . . .	100	2	(1)	1	5,800	291
CARP . . . . .	23,400	1,127	(1)	-	2,555,700	140,562
CATFISH . . . . .	4,100	626	400	77	622,600	186,774
CRAPPIE . . . . .	2,300	487	-	-	-	-
EEL, COMMON . . . . .	34,300	8,930	-	-	-	-
GIZZARD SHAD . . . . .	-	-	-	-	29,800	1,132
GOLDFISH . . . . .	-	-	-	-	94,000	2,621
LAKE HERRING . . . . .	2,400	956	(1)	12	(1)	3
LAKE TROUT . . . . .	-	-	-	-	(1)	1
MOONEYE OR GOLDEYE . . . . .	-	-	-	-	300	12
PIKE OR PICKEREL . . . . .	(1)	(1)	-	-	-	-
QUILLBACK . . . . .	-	-	-	-	100	4
ROCK BASS . . . . .	8,600	611	-	-	-	-
SAUGER . . . . .	(1)	2	-	-	(1)	10
SHEEPSHEAD . . . . .	9,000	905	2,700	67	2,451,700	96,070
SMELT . . . . .	200	27	2,700	267	500	52
STURGEON, COMMON . . . . .	300	310	-	-	112,600	87
SUCKERS . . . . .	20,500	1,233	1,100	60	-	3,377
SUNFISH . . . . .	13,500	2,314	-	-	-	-
WHITE BASS . . . . .	2,800	362	700	66	1,035,100	258,776
WHITFISH, COMMON . . . . .	1,700	1,044	300	157	2,300	1,402
WHITE PERCH . . . . .	146,300	36,555	-	-	-	-
YELLOW PERCH . . . . .	118,000	14,856	461,700	59,563	2,685,100	268,815
YELLOW PIKE . . . . .	122,600	49,014	8,200	3,268	172,600	62,645
TOTAL . . . . .	537,800	127,742	477,800	63,584	9,831,200	1,053,679

SPECIES	MICHIGAN		INDIANA		ILLINOIS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES . . . . .	13,369,900	\$160,440	694,100	\$8,330	300	\$3
BOWFIN . . . . .	200	11	-	-	-	-
BUFFALOFISH . . . . .	6,200	1,046	-	-	(1)	(1)
BULLHEADS . . . . .	3,900	580	-	-	-	-
BURBOT . . . . .	2,600	113	-	-	-	-
CARP . . . . .	1,458,200	59,813	10,000	500	100	3
CATFISH . . . . .	160,500	48,124	-	-	-	-
CHUBS . . . . .	4,792,900	823,271	6,000	660	163,100	36,519
CRAPPIE . . . . .	1,100	269	-	-	-	-
GARFISH . . . . .	(1)	(1)	-	-	-	-
GIZZARD SHAD . . . . .	800	32	-	-	-	-
LAKE HERRING . . . . .	2,745,700	317,200	(1)	4	100	24
LAKE TROUT . . . . .	143,200	87,186	(1)	10	(1)	19
PIKE OR PICKEREL . . . . .	100	32	-	-	(1)	1
QUILLBACK . . . . .	6,700	254	-	-	-	-
ROCK BASS . . . . .	1,500	240	-	-	-	-
SALMON, SILVER OR COHO . . . . .	1,407,900	124,138	76,000	36,480	-	-
SAUGER . . . . .	100	32	-	-	-	-
SHEEPSHEAD . . . . .	104,600	3,401	-	-	-	-
SMELT . . . . .	1,188,100	40,699	-	-	(1)	(1)
STURGEON, COMMON . . . . .	900	1,001	-	-	-	-
SUCKERS . . . . .	346,400	12,747	10,200	1,010	(1)	(1)
WHITE BASS . . . . .	61,700	12,563	-	-	-	-
WHITFISH, COMMON . . . . .	1,398,600	801,893	6,000	3,600	-	-
WENONMINEE . . . . .	71,200	14,393	-	-	-	-
YELLOW PERCH . . . . .	1,709,200	226,152	72,400	11,128	6,100	1,084
YELLOW PIKE . . . . .	244,500	108,372	-	-	-	-
TOTAL . . . . .	29,220,700	2,846,002	874,700	61,722	169,700	37,653

SPECIES	WISCONSIN		MINNESOTA		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES . . . . .	27,831,100	\$278,311	-	-	41,895,400	\$447,084
BLUE PIKE . . . . .	-	-	-	-	100	48
BOWFIN . . . . .	(1)	(1)	-	-	500	31
BUFFALOFISH . . . . .	-	-	-	-	41,900	5,467
BULLHEADS . . . . .	9,600	1,369	2,300	\$200	70,000	14,493
BURBOT . . . . .	32,500	747	249,600	8,698	290,600	9,852

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

# GREAT LAKES FISHERIES

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## LANDINGS BY STATES, 1967 - Continued

SPECIES	WISCONSIN		MINNESOTA		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CARP . . . . .	2,531,200	\$126,562	-	-	6,578,600	\$328,567
CATFISH . . . . .	600	184	-	-	786,200	235,987
CHUBS . . . . .	6,099,800	652,293	251,200	\$30,100	11,313,000	1,742,643
CRAPPIE . . . . .	-	-	-	-	3,400	756
EEL, COMMON . . . . .	-	-	-	-	34,300	8,930
GARFISH . . . . .	-	-	-	-	(1)	(1)
GIZZARD SHAD . . . . .	-	-	-	-	30,600	1,164
GOLDFISH . . . . .	-	-	-	-	94,000	2,821
LAKE HERRING . . . . .	499,200	50,200	593,700	64,200	3,831,100	432,599
LAKE TROUT . . . . .	53,700	34,619	5,000	2,600	201,900	124,835
MOONEYE OR GOLDEYE . . . . .	-	-	-	-	300	12
PIKE OR PICKEREL . . . . .	35,600	7,144	38,200	2,350	73,900	9,527
QUILLBACK . . . . .	-	-	-	-	6,800	256
ROCK BASS . . . . .	-	-	-	-	10,300	851
SALMON, SILVER OR COHO . . . . .	-	-	-	-	1,483,900	160,618
SAUGER . . . . .	-	-	25,600	2,600	25,700	2,644
SHEEPSHEAD . . . . .	-	-	-	-	2,568,000	36,535
SHELT . . . . .	566,400	29,424	995,800	24,900	2,775,700	95,369
STURGEON, COMMON . . . . .	-	-	-	-	1,300	1,398
SUCKERS . . . . .	367,300	14,327	210,100	4,449	1,068,200	37,209
SUNFISH . . . . .	-	-	-	-	13,600	2,314
TULLIBEE . . . . .	-	-	885,300	26,930	895,300	26,930
WHITE BASS . . . . .	-	-	-	-	1,100,300	271,781
WHITEFISH:						
COMMON . . . . .	185,700	111,432	39,200	11,428	1,633,800	930,956
MENOMINEE . . . . .	16,500	2,476	2,600	400	90,300	17,271
WHITE PERCH . . . . .	-	-	-	-	146,300	36,535
YELLOW PERCH . . . . .	731,400	131,659	28,200	2,200	5,806,100	717,457
YELLOW PIKE . . . . .	8,000	3,610	145,800	33,900	701,700	281,229
TOTAL . . . . .	38,990,600	1,644,759	3,462,600	215,155	83,565,100	6,050,296

1/ LESS THAN 50 POUNDS OR 50 CENTS.

## LANDINGS BY LAKES AND STATES, 1967

SPECIES	LAKE ONTARIO				LAKE ERIE			
	NEW YORK		NEW YORK		PENNSYLVANIA		OHIO	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUE PIKE . . . . .	(1)	\$10	(1)	\$6	(1)	\$6	100	\$26
BOWFIN . . . . .	300	20	-	-	-	-	-	-
BUFFALOFISH . . . . .	-	-	-	-	-	-	35,700	4,421
BULLHEADS . . . . .	27,100	6,136	(1)	7	-	-	27,100	4,201
BURBOT . . . . .	100	2	-	-	(1)	1	5,800	291
CARP . . . . .	21,800	1,089	1,600	38	(1)	(1)	2,955,700	140,562
CATFISH . . . . .	3,000	590	1,100	236	400	77	622,600	186,774
CRAPPIE . . . . .	2,200	474	100	13	-	-	-	-
EEL, COMMON . . . . .	34,300	8,930	(1)	(1)	-	-	-	-
GIZZARD SHAD . . . . .	-	-	-	-	-	-	29,800	1,132
GOLDFISH . . . . .	-	-	-	-	-	-	94,000	2,821
LAKE HERRING . . . . .	2,400	956	-	-	(1)	12	(1)	3
LAKE TROUT . . . . .	-	-	-	-	-	-	300	12
MOONEYE OR GOLDEYE . . . . .	-	-	(1)	(1)	-	-	-	-
PIKE OR PICKEREL . . . . .	-	-	-	-	-	-	100	4
QUILLBACK . . . . .	-	-	-	-	-	-	(1)	10
ROCK BASS . . . . .	6,400	591	400	20	-	-	-	-
SAUGER . . . . .	(1)	2	-	-	-	-	-	-
SHEEPSHEAD . . . . .	100	13	8,900	892	2,700	67	2,451,700	96,067
SHELT . . . . .	100	21	100	6	2,700	267	500	52
STURGEON, COMMON . . . . .	300	310	-	-	-	-	100	877
SUCKERS . . . . .	8,500	512	12,000	721	1,100	66	112,600	3,377
SUNFISH . . . . .	13,600	2,314	-	-	-	-	-	-
WHITE BASS . . . . .	500	84	2,300	278	700	80	1,035,100	258,776
WHITEFISH, COMMON . . . . .	1,700	1,044	-	-	300	157	2,300	1,402
WHITE PERCH . . . . .	146,200	36,538	100	17	-	-	-	-
YELLOW PERCH . . . . .	12,200	1,098	105,800	13,758	461,700	59,563	2,685,100	268,815
YELLOW PIKE . . . . .	1,200	450	121,400	48,564	8,200	3,288	172,600	82,845
TOTAL . . . . .	284,000	63,164	253,800	64,958	477,800	63,584	9,831,200	1,053,679

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

## GREAT LAKES FISHERIES

## LANDINGS BY LAKES AND STATES, 1967 - Continued

SPECIES	LAKE ERIE - CONTINUED				LAKE HURON		LAKE MICHIGAN	
	MICHIGAN		TOTAL		MICHIGAN		MICHIGAN	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES . . . . .	-	-	-	-	-	-	13,369,900	\$160,439
BLUE PIKE . . . . .	-	-	100	\$38	-	-	-	-
BOWFIN . . . . .	(1)	\$2	(1)	2	200	\$9	-	-
BUFFALOFISH . . . . .	6,200	1,044	41,900	5,465	(1)	2	-	-
BULLHEADS . . . . .	1,100	184	28,200	4,392	2,600	396	-	-
BURBOT . . . . .	-	-	5,800	292	100	4	1,500	34
CARP . . . . .	485,100	13,097	3,042,400	153,697	972,200	46,667	900	49
CATFISH . . . . .	30,700	9,573	654,800	196,662	129,200	36,377	600	174
CHUBS . . . . .	-	-	-	-	355,700	65,097	3,730,000	670,269
CRAPPIE . . . . .	-	-	100	13	1,100	269	-	-
EEL, COMMON . . . . .	-	-	(1)	(1)	-	-	-	-
GARFISH . . . . .	-	-	-	-	(1)	(1)	-	-
GIZZARD SHAD . . . . .	-	-	29,800	1,132	800	32	-	-
GOLDFISH . . . . .	-	-	94,000	2,821	-	-	-	-
LAKE HERRING . . . . .	-	-	-	15	11,200	2,307	24,300	4,441
LAKE TROUT . . . . .	-	-	(1)	1	(1)	4	200	108
MOONEYE OR GOLDEYE . . . . .	-	-	300	12	-	-	100	-
PIKE OR PICKEREL . . . . .	-	-	(1)	(1)	-	-	-	30
QUILLBACK . . . . .	-	-	100	4	6,700	254	-	-
ROCK BASS . . . . .	-	-	400	20	1,300	212	200	26
SALMON, SILVER OR COHO . . . . .	-	-	-	-	-	-	1,407,900	124,138
SAUGER . . . . .	-	-	(1)	10	(1)	(1)	-	-
SHEEPSHEAD . . . . .	95,500	3,056	2,538,800	102,062	9,100	345	-	-
SMELT . . . . .	-	-	3,300	325	52,000	2,026	1,100,500	34,062
STURGEON, COMMON . . . . .	-	-	100	87	500	529	400	472
SUCKERS . . . . .	51,600	1,083	177,300	5,247	242,700	9,221	33,500	1,306
WHITE BASS . . . . .	61,100	12,455	1,099,200	271,589	600	108	-	-
WHITEFISH:								
COMMON . . . . .	(1)	28	2,600	1,587	262,600	148,105	772,500	434,953
MENOMINEE . . . . .	-	-	-	-	1,800	377	59,700	12,418
WHITE PERCH . . . . .	-	-	100	17	-	-	-	-
YELLOW PERCH . . . . .	112,200	12,340	3,364,800	354,476	1,133,800	148,520	455,700	66,997
YELLOW PIKE . . . . .	206,600	91,116	510,600	225,813	27,000	12,974	8,400	4,028
TOTAL . . . . .	1,052,100	143,978	11,614,900	1,325,799	3,211,400	475,835	20,966,300	1,513,966

SPECIES	LAKE MICHIGAN - CONTINUED							
	INDIANA		ILLINOIS		WISCONSIN		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES . . . . .	694,100	\$8,330	300	\$3	27,831,100	\$276,311	41,895,400	\$447,083
BOWFIN . . . . .	-	-	-	-	(1)	(1)	(1)	(1)
BULLHEADS . . . . .	-	-	(1)	(1)	9,600	1,369	9,600	1,369
BURBOT . . . . .	-	-	-	-	29,500	678	31,000	712
CARP . . . . .	10,000	500	100	3	2,531,200	126,561	2,542,200	127,113
CATFISH . . . . .	-	-	-	-	600	184	1,200	358
CHUBS . . . . .	6,000	660	163,100	36,519	5,189,400	720,202	9,086,500	1,427,650
LAKE HERRING . . . . .	(1)	4	(100)	24	5,700	849	30,100	5,318
LAKE TROUT . . . . .	(1)	10	(1)	19	900	519	1,100	656
PIKE OR PICKEREL . . . . .	-	-	(1)	-	35,100	7,024	35,200	7,035
ROCK BASS . . . . .	-	-	-	-	-	-	200	26
SALMON, SILVER OR COHO . . . . .	76,000	36,480	-	-	-	-	1,483,900	160,618
SMELT . . . . .	-	-	(1)	(1)	123,900	6,197	1,224,400	40,279
STURGEON, COMMON . . . . .	-	-	-	-	-	-	400	472
SUCKERS . . . . .	10,200	1,010	(1)	(1)	347,300	13,547	391,000	15,863
WHITEFISH:								
COMMON . . . . .	6,000	3,600	-	-	97,300	58,383	875,800	496,936
MENOMINEE . . . . .	-	-	-	-	300	53	60,000	12,471
YELLOW PERCH . . . . .	72,400	11,128	6,100	1,084	731,100	131,608	1,265,300	210,817
YELLOW PIKE . . . . .	-	-	-	-	7,700	3,696	16,100	7,724
TOTAL . . . . .	874,700	61,722	169,700	37,653	36,940,700	1,349,181	58,951,400	2,962,522

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

# GREAT LAKES FISHERIES

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## LANDINGS BY LAKES AND STATES, 1967 - Continued

SPECIES	LAKE SUPERIOR							
	MICHIGAN		WISCONSIN		MINNESOTA		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES . . . . .	(1)	\$1	-	-	-	-	(1)	\$1
BURBOT . . . . .	1,000	75	3,000	\$69	10,200	\$318	14,200	462
CARP . . . . .	-	-	(1)	1	-	-	(1)	1
CATFISH . . . . .	-	-	(1)	-	-	-	(1)	-
CHUBS . . . . .	707,200	87,905	910,400	132,091	251,200	30,100	1,866,800	250,096
LAKE HERRING . . . . .	2,710,200	310,452	493,500	49,351	583,700	64,200	3,787,400	424,003
LAKE TROUT . . . . .	143,000	87,074	52,800	34,300	5,000	2,800	200,800	124,174
PIKE OR PICKEREL . . . . .	(1)	2	500	120	-	-	500	122
SAUGER . . . . .	100	-	-	-	-	-	-	32
SMELT . . . . .	35,600	4,591	464,500	23,227	995,800	24,900	1,495,900	52,718
SUCKERS . . . . .	18,600	1,137	20,000	780	300	9	38,900	1,926
WHITEFISH:								
COMMON . . . . .	363,500	218,607	88,400	53,049	5,600	2,900	457,500	274,756
MENOMINEE . . . . .	9,700	1,598	16,200	2,425	2,600	400	28,500	4,423
YELLOW PERCH . . . . .	1,500	295	300	51	-	-	1,800	346
YELLOW PIKE . . . . .	500	254	300	114	-	-	600	368
TOTAL . . . . .	3,990,900	712,223	2,049,900	295,578	1,854,400	125,627	7,895,200	1,133,428

SPECIES	LAKE OF THE WOODS		NAMAKAN LAKE		RAINY LAKE		TOTAL, ALL LAKES	
	MINNESOTA		MINNESOTA		MINNESOTA		POUNDS	VALUE
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE		
ALEWIVES . . . . .	-	-	-	-	-	-	41,895,400	\$47,084
BLUE PIKE . . . . .	-	-	-	-	-	-	100	48
BOWFIN . . . . .	-	-	-	-	-	-	500	31
BUFFALOFISH . . . . .	-	-	-	-	-	-	41,900	5,467
BULLHEADS . . . . .	2,300	\$200	-	-	-	-	70,000	14,493
BURBOT . . . . .	230,400	8,100	2,000	\$80	7,000	\$200	290,600	9,852
CARP . . . . .	-	-	-	-	-	-	6,578,600	326,567
CATFISH . . . . .	-	-	-	-	-	-	788,200	235,987
CHUBS . . . . .	-	-	-	-	-	-	11,313,000	1,742,843
CRAPPIE . . . . .	-	-	-	-	-	-	3,400	756
EEL, COMMON . . . . .	-	-	-	-	-	-	34,300	8,930
GARFISH . . . . .	-	-	-	-	-	-	(1)	(1)
GIZZARD SHAD . . . . .	-	-	-	-	-	-	30,600	1,164
GOLDFISH . . . . .	-	-	-	-	-	-	94,000	2,821
LAKE HERRING . . . . .	-	-	-	-	-	-	3,831,100	432,599
LAKE TROUT . . . . .	-	-	-	-	-	-	201,900	124,835
MOONEYE OR GOLDEYE . . . . .	-	-	-	-	-	-	300	12
PIKE OR PICKEREL . . . . .	33,800	2,000	-	-	4,400	350	73,900	9,527
QUILLBACK . . . . .	-	-	-	-	-	-	6,800	258
ROCK BASS . . . . .	-	-	-	-	-	-	10,300	851
SALMON, SILVER OR COHO . . . . .	-	-	-	-	-	-	1,483,900	160,618
SAUGER . . . . .	25,600	2,600	-	-	-	-	25,700	2,644
SHEEPSHEAD . . . . .	-	-	-	-	-	-	(1)	-
SMELT . . . . .	-	-	-	-	-	-	2,568,000	102,440
STURGEON, COMMON . . . . .	-	-	-	-	-	-	2,775,700	95,369
SUCKERS . . . . .	-	-	-	-	-	-	1,300	1,398
SUNFISH . . . . .	185,800	3,700	3,500	140	20,500	600	1,068,200	37,209
TULLIBEE . . . . .	862,800	25,900	12,200	730	10,300	300	13,600	2,314
WHITE BASS . . . . .	-	-	-	-	-	-	885,300	26,930
WHITEFISH:							1,100,300	271,781
COMMON . . . . .	(1)	8	16,400	4,420	17,200	4,100	1,633,800	930,956
MENOMINEE . . . . .	-	-	-	-	-	-	90,300	17,271
YELLOW PERCH . . . . .	-	-	-	-	-	-	146,300	36,525
YELLOW PIKE . . . . .	28,100	2,200	-	-	100	(1)	5,806,100	717,457
TOTAL . . . . .	1,507,000	76,508	34,100	5,370	67,100	7,650	83,565,100	6,050,296

1/ LESS THAN 50 POUNDS OR 50 CENTS.

## GREAT LAKES FISHERIES

## PROCESSED FISHERY PRODUCTS, 1967

ITEM	NEW YORK		PENNSYLVANIA		OHIO	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
ALEWIVES, CANNED ANIMAL FOOD . . . . .	STANDARD CASES	-	-	-	(1)	(1)
CATFISH FILLETS, FRESH . . . . .	POUNDS	-	(1)	(1)	-	(1)
CHUBS, SMOKED. . . . .	DO	-	-	-	(1)	(1)
COD FILLETS:						
FRESH. . . . .	DO	-	-	-	(1)	(1)
BREADED RAW, FROZEN. . . . .	DO	-	-	-	(1)	(1)
HADDOCK FILLETS:						
FRESH AND FROZEN . . . . .	DO	(1)	(1)	(1)	-	-
COOKED AND BREADED, FROZEN .	DO	(1)	(1)	-	-	-
HERRING:						
LAKE:						
SALTED AND PICKLED . . . . .	DO	-	-	-	(1)	(1)
SMOKED . . . . .	DO	-	-	-	(1)	(1)
SEA, SALTED AND PICKLED. . . .	DO	-	-	-	(1)	(1)
LAKE TROUT FILLETS, FRESH AND						
FROZEN. . . . .	DO	-	-	-	(1)	(1)
OCEAN PERCH FILLETS, BREADED						
RAW, FROZEN . . . . .	DO	-	-	-	(1)	(1)
PIKE OR PICKEREL FILLETS,						
FRESH AND FROZEN. . . . .	DO	-	-	-	-	-
SABLEFISH, SMOKED. . . . .	DO	-	-	-	21,475	\$20,856
SALMON:					(1)	(1)
FILLETS AND STEAKS, FRESH						
AND FROZEN. . . . .	DO	-	(1)	(1)	-	-
SMOKED . . . . .	DO	-	-	-	(1)	(1)
SAUGER FILLETS, FRESH AND						
FROZEN. . . . .	DO	-	-	-	(1)	(1)
SNAPPER, RED, FILLETS, FRESH .	DO	-	-	-	(1)	(1)
WHITE BASS, FILLETS, FRESH						
AND FROZEN. . . . .	DO	-	-	-	(1)	(1)
WHITEFISH:						
FILLETS, FRESH AND FROZEN. .	DO	(1)	(1)	(1)	50,000	41,500
SMOKED . . . . .	DO	(1)	(1)	(1)	(1)	(1)
YELLOW PERCH FILLETS:						
FRESH AND FROZEN . . . . .	DO	(1)	(1)	234,000	\$143,000	594,015
BREADED RAW, FROZEN. . . . .	DO	-	-	-	(1)	(1)
YELLOW PIKE FILLETS, FRESH						
AND FROZEN. . . . .	DO	(1)	(1)	14,500	15,625	121,200
SHRIMP:						
FROZEN:						
COOKED, PEELLED AND						
DEVEINED. . . . .	DO	-	-	-	(1)	(1)
BREADED RAW. . . . .	DO	(1)	(1)	-	-	-
SMOKED . . . . .	DO	(1)	(1)	-	-	-
DYSTERS, BREADED RAW, FROZEN .	DO	-	-	-	(1)	(1)
UNCLASSIFIED:						
FRESH AND FROZEN PACKAGED,						
FILLETS, STEAKS, STICKS,						
PORTIONS, AND OTHER FISH						
AND SHELLFISH . . . . .	DO	197,514	\$140,599	40,264	28,547	41,160,777
CANNED . . . . .	STANDARD CASES	-	-	-	(2)	(2)
CURED. . . . .	POUNDS	(2)	(2)	(2)	222,245	232,512
TOTAL . . . . .	-	-	140,599	-	187,172	-
						14,907,585

ITEM	MICHIGAN		ILLINOIS	
	QUANTITY	VALUE	QUANTITY	VALUE
ALEWIVES:				
CANNED ANIMAL FOOD . . . . .	STANDARD CASES	-	(1)	(1)
MEAL AND SCRAP . . . . .	TONS	(1)	-	-
OIL. . . . .	1,000 POUNDS	(1)	-	-
ANCHOVY PASTE, CANNED. . . . .	STANDARD CASES	(1)	-	-
BROWN TROUT, SMOKED. . . . .	POUNDS	(1)	(1)	-
CARP:				
FILLETS, FRESH AND FROZEN. .	DO	-	(1)	(1)
SMOKED . . . . .	DO	(1)	(1)	-
CHUBS:				
FILLETS, BREADED RAW . . . . .	DO	(1)	(1)	-
SMOKED . . . . .	DO	200,910	\$104,931	3,110,676
COD FILLETS, SALTED. . . . .	DO	-	-	(1)
EELS, SMOKED . . . . .	DO	-	-	(1)

(CONTINUED ON NEXT PAGE)

# GREAT LAKES FISHERIES

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## PROCESSED FISHERY PRODUCTS, 1967 - Continued

ITEM	MICHIGAN		ILLINOIS	
	QUANTITY	VALUE	QUANTITY	VALUE
HERRING:				
LAKE:				
FILLETS:				
FRESH AND FROZEN . . . . .	(1)	(1)	-	-
BREADED RAW, FROZEN . . . . .	(1)	(1)	-	-
SMOKED . . . . .	(1)	(1)	-	-
SEA:				
SALTED AND PICKLED . . . . .	(1)	(1)	5,395,600	\$2,022,993
SMOKED . . . . .	-	-	(1)	(1)
LAKE TROUT:				
FILLETS, FRESH AND FROZEN . . . . .	71,314	\$59,817	(1)	(1)
SMOKED . . . . .	(1)	(1)	16,250	17,375
MACKEREL, ATLANTIC, FILLETS,				
SALTED . . . . .	-	-	(1)	(1)
OCEAN PERCH FILLETS:				
FRESH AND FROZEN . . . . .	-	-	(1)	(1)
BREADED RAW, FROZEN . . . . .	-	-	(1)	(1)
PIKE OR PICKEREL FILLETS, FRESH				
AND FROZEN . . . . .	(1)	(1)	-	-
SABLEFISH, SMOKED . . . . .	(1)	(1)	433,468	309,342
SALMON:				
FILLETS AND STEAKS, FRESH AND				
FROZEN . . . . .	(1)	(1)	-	-
SMOKED . . . . .	173,660	256,067	287,801	496,360
SAUSAGE FILLETS, FRESH AND				
FROZEN . . . . .	(1)	(1)	(1)	(1)
SMELT:				
DRESSED, FRESH . . . . .	(1)	(1)	-	-
FILLETS, FRESH . . . . .	(1)	(1)	-	-
BREADED RAW, FROZEN . . . . .	(1)	(1)	-	-
SMOKED . . . . .	(1)	(1)	-	-
SNAPPER, RED, FILLETS, FRESH . . . . .	(1)	(1)	(1)	(1)
STURGEON, SMOKED . . . . .	(1)	(1)	(1)	(1)
WHITE BASS FILLETS, FRESH AND				
FROZEN . . . . .	(1)	(1)	-	-
WHITEFISH:				
FILLETS, FRESH AND FROZEN . . . . .	151,145	141,776	(1)	(1)
SMOKED . . . . .	20,040	13,002	22,000	18,350
YELLOW PERCH FILLETS, FRESH AND				
FROZEN . . . . .	732,920	527,440	(1)	(1)
YELLOW PIKE FILLETS, FRESH AND				
FROZEN . . . . .	166,700	153,615	(1)	(1)
SHRIMP, FROZEN, BREADED RAW . . . . .	-	-	(1)	(1)
OYSTERS, BREADED RAW, FROZEN . . . . .	-	-	(1)	(1)
SCALLOPS, SEA, BREADED RAW,				
FROZEN . . . . .	-	-	(1)	(1)
UNCLASSIFIED:				
FRESH AND FROZEN PACKAGED,				
FILLETS, STEAKS, STICKS,				
PORTIONS, AND OTHER FISH				
AND SHELLFISH . . . . .	DO	478,923	639,161	4,148,974
CANNED . . . . .	STANDARD CASES	(2)	(2)	691,544
CURED . . . . .	POUNDS	984,621	456,671	154,470
INDUSTRIAL . . . . .	-	-	-	91,378
TOTAL . . . . .	-	-	-	-
TOTAL . . . . .	-	2,356,500	-	5,485,919

ITEM	WISCONSIN		MINNESOTA	
	QUANTITY	VALUE	QUANTITY	VALUE
ALEWIVES:				
SALTED . . . . .	(1)	(1)	-	-
MEAL AND SCRAP . . . . .	(1)	(1)	-	-
OIL . . . . .	(1)	(1)	-	-
CARP, SMOKED . . . . .	(1)	(1)	-	-
CHUBS:				
SMOKED . . . . .	1,107,192	\$403,733	(1)	(1)
SALTED . . . . .	(1)	(1)	-	-
HERRING, LAKE:				
FILLETS, FRESH AND FROZEN . . . . .	(1)	(1)	(1)	(1)
SALTED AND PICKLED . . . . .	(1)	(1)	(1)	(1)
SMOKED . . . . .	(1)	(1)	(1)	(1)
LAKE TROUT:				
FILLETS:				
FRESH AND FROZEN . . . . .	26,710	25,115	-	-
BREADED RAW, FROZEN . . . . .	(1)	(1)	-	-
SMOKED . . . . .	14,357	10,867	(1)	(1)

(CONTINUED ON NEXT PAGE)

## GREAT LAKES FISHERIES

## PROCESSED FISHERY PRODUCTS, 1967 - Continued

ITEM	WISCONSIN		MINNESOTA	
	QUANTITY	VALUE	QUANTITY	VALUE
OCEAN PERCH, SMOKED . . . . . POUNDS	(1)	(1)	-	-
PIKE OR PICKEREL FILLETS, FRESH AND FROZEN . . . . . DO	(1)	(1)	-	-
POLLOCK, SMOKED . . . . . DO	(1)	(1)	-	-
SABLEFISH, SMOKED . . . . . DO	8,561	\$4,865	-	-
SALMON, SMOKED . . . . . DO	28,232	23,586	-	-
SAUGER FILLETS, FRESH AND FROZEN . . . . . DO	10,000	7,950	-	-
WHITEFISH:				
FILLETS, FRESH AND FROZEN . . . . . DO	85,130	69,771	-	-
CANNED (CAVIAR) . . . . . STANDARD CASES	(1)	(1)	-	-
SMOKED . . . . . POUNDS	33,520	15,228	(1)	(1)
YELLOW PERCH:				
FILLETS:				
FRESH AND FROZEN . . . . . DO	862,066	577,293	-	-
BREADED RAW, FROZEN . . . . . DO	(1)	(1)	-	-
SMOKED . . . . . DO	(1)	(1)	-	-
YELLOW PIKE FILLETS:				
FRESH AND FROZEN . . . . . DO	23,470	19,764	-	-
BREADED RAW, FROZEN . . . . . DO	(1)	(1)	-	-
FROG LEGS, FROZEN . . . . . DO	(1)	(1)	-	-
UNCLASSIFIED:				
FRESH AND FROZEN PACKAGED, FILLETS, STEAKS, STICKS, PORTIONS, AND OTHER FISH AND SHELLFISH . . . . . DO	372,163	474,724	(3)	(3)
CANNED . . . . . STANDARD CASES	(2)	(2)	-	-
CURED . . . . . POUNDS	1,854,580	396,419	195,510	\$47,956
INDUSTRIAL . . . . . -	-	(2)	-	-
TOTAL . . . . . -	-	2,029,315	-	47,956

1/ INCLUDED WITH UNCLASSIFIED.

2/ INCLUDED WITH UNCLASSIFIED PACKAGED.

3/ INCLUDED WITH CURED FISHERY PRODUCTS.

NOTE:--SOME OF THE PRODUCTS MAY HAVE BEEN PROCESSED FROM RAW PRODUCTS IMPORTED FROM ANOTHER STATE OR FOREIGN COUNTRY; THEREFORE, THEY CANNOT BE CORRELATED DIRECTLY WITH THE CATCH WITHIN THE STATE. CERTAIN ITEMS ARE SHOWN IN AN INTERMEDIATE AND ALSO A MORE ADVANCED STAGE OF PROCESSING.





## GREAT LAKES FISHERIES

LAKE ONTARIO - OPERATING UNITS AND FISHING  
EFFORT BY GEAR, 1967

ITEM	HAUL SEINES, COMMON	TRAP NETS	FYKE AND HOOP NETS	GILL NETS		
				2-1/8 - 3-7/8 INCH MESH	4 - 7 INCH MESH	7-1/8 - 14 INCH MESH
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS:						
REGULAR . . . . .	-	-	-	-	3	-
CASUAL . . . . .	-	-	-	-	-	3
ON BOATS AND SHORE:						
PART-TIME . . . . .	-	-	2	-	-	-
CASUAL . . . . .	2	24	8	4	-	1
TOTAL FISHERMEN . . . .	2	24	10	4	3	4
VESSELS, MOTOR:						
REGULAR . . . . .	-	-	-	-	1	-
CASUAL . . . . .	-	-	-	-	-	1
TOTAL VESSELS . . . . .	-	-	-	-	1	1
TOTAL GROSS TONNAGE . .	-	-	-	-	10	10
BOATS:						
MOTOR:						
PART-TIME . . . . .	-	-	1	-	-	-
CASUAL . . . . .	1	12	4	3	-	1
TOTAL MOTOR BOATS . .	1	12	5	3	-	1
OTHER, CASUAL . . . . .	1	-	-	-	-	-
DAYS OPERATED:						
FISHERMEN:						
ON VESSELS . . . . .	-	498	198	45	528	3
ON BOATS AND SHORE . . .	-	-	-	-	-	1
TOTAL FISHERMEN DAYS .	14	498	198	45	528	4
CRAFT:						
VESSELS . . . . .	-	-	-	23	176	1
BOATS, MOTOR . . . . .	7	249	99	-	-	1
TOTAL CRAFT DAYS . . .	7	249	99	23	176	2
FISHING EFFORT:						
LIFTS . . . . .	-	1,104	314	-	-	-
LIFTS PER 1,000 LINEAR YARDS . . . . .	2	-	-	28	398	2

SEE NOTE ON PAGE 326.

## LAKE ERIE - OPERATING UNITS AND FISHING EFFORT BY GEAR, 1967

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	
FISHERMEN:								
ON VESSELS:								
REGULAR . . . . .	-	-	3	-	18	-	-	
PART-TIME . . . . .	-	-	36	-	15	-	-	
CASUAL . . . . .	-	2	36	-	21	21	2	
ON BOATS AND SHORE:								
REGULAR . . . . .	-	-	-	-	3	-	-	
PART-TIME . . . . .	27	-	8	-	4	-	18	
CASUAL . . . . .	96	-	14	15	20	64	112	
TOTAL FISHERMEN . . . .	125	2	97	16	82	93	130	
VESSELS, MOTOR:								
REGULAR . . . . .	-	-	1	-	6	-	-	
PART-TIME . . . . .	1	-	18	-	8	3	-	
CASUAL . . . . .	-	1	18	-	10	10	1	
TOTAL VESSELS . . . . .	1	1	37	-	24	13	1	
TOTAL GROSS TONNAGE . .	13	14	476	-	280	159	11	

(CONTINUED ON NEXT PAGE)

# GREAT LAKES FISHERIES

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## LAKE ERIE - OPERATING UNITS AND FISHING EFFORT BY GEAR, 1967 - Continued

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
<b>BOATS:</b>								
<b>MOTOR:</b>								
REGULAR . . . . .	-	-	-	-	1	-	-	-
PART-TIME . . . . .	9	-	4	-	2	1	-	9
CASUAL . . . . .	48	-	7	-	19	51	4	105
TOTAL MOTOR BOATS . . .	57	-	11	-	22	52	4	114
<b>OTHER:</b>								
PART-TIME . . . . .	9	-	-	-	-	-	-	-
CASUAL . . . . .	48	-	-	-	-	-	-	-
TOTAL OTHER BOATS . . .	57	-	-	-	-	-	-	-
<b>DAYS OPERATED:</b>								
<b>FISHERMEN:</b>								
ON VESSELS . . . . .	124	10	4,998	-	5,593	656	6	-
ON BOATS AND SHORE . . .	4,366	-	828	226	1,044	1,262	33	3,548
TOTAL FISHERMEN DAYS . .	4,510	10	5,826	226	6,637	1,938	39	3,548
<b>CRAFT:</b>								
VESSELS . . . . .	62	5	2,315	-	2,243	326	3	-
BOATS, MOTOR . . . . .	1,774	-	414	113	540	904	33	2,542
TOTAL CRAFT DAYS . . . .	1,836	5	2,729	113	2,783	1,230	36	2,542
<b>FISHING EFFORT:</b>								
LIFTS . . . . .	-	31	15,591	600	-	-	-	-
LIFTS PER 1,000 LINEAR YARDS	2,388	-	-	-	8,337	1,556	26	-
LIFTS PER 1,000 HOOKS . . .	-	-	-	-	-	-	-	1,112

SEE NOTE ON PAGE 326.

## LAKE HURON - OPERATING UNITS AND FISHING EFFORT BY GEAR, 1967

ITEM	HAUL SEINES, COMMON	POUND NETS	TRAP NETS	FYKE AND HOOP NETS
	NUMBER	NUMBER	NUMBER	NUMBER
<b>FISHERMEN:</b>				
<b>ON VESSELS:</b>				
PART-TIME . . . . .	-	-	8	-
CASUAL . . . . .	2	2	22	-
<b>ON BOATS AND SHORE:</b>				
PART-TIME . . . . .	-	2	17	-
CASUAL . . . . .	19	18	46	6
TOTAL FISHERMEN . . . .	21	22	93	6
<b>VESSELS, MOTOR:</b>				
PART-TIME . . . . .	-	-	4	-
CASUAL . . . . .	1	1	11	-
TOTAL VESSELS . . . . .	1	1	15	-
TOTAL GROSS TONNAGE . .	9	14	153	-
<b>BOATS:</b>				
<b>MOTOR:</b>				
PART-TIME . . . . .	-	1	8	-
CASUAL . . . . .	9	9	23	3
TOTAL MOTOR BOATS . . .	9	10	31	3
<b>OTHER, CASUAL . . . . .</b>				
	10	-	-	-
<b>DAYS OPERATED:</b>				
<b>FISHERMEN:</b>				
ON VESSELS . . . . .	4	52	1,214	-
ON BOATS AND SHORE . . .	432	414	2,458	120
TOTAL FISHERMEN DAYS . .	436	466	3,672	120
<b>CRAFT:</b>				
VESSELS . . . . .	2	26	601	-
BOATS, MOTOR . . . . .	193	207	1,217	60
TOTAL CRAFT DAYS . . . .	195	233	1,818	60
<b>FISHING EFFORT:</b>				
LIFTS . . . . .	-	1,612	8,029	271
LIFTS PER 1,000 LINEAR YARDS	111	-	-	-

SEE NOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

## GREAT LAKES FISHERIES

LAKE HURON - OPERATING UNITS AND  
FISHING EFFORT BY GEAR, 1967 - Continued

ITEM	GILL NETS				LINES, LONG OR SET WITH HOOKS
	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
FISHERMEN:					
ON VESSELS:					
REGULAR . . . . .	-	3	-	-	-
PART-TIME . . . . .	-	19	9	-	-
CASUAL . . . . .	-	20	28	6	-
ON BOATS AND SHORE:					
PART-TIME . . . . .	-	6	6	8	18
CASUAL . . . . .	1	46	32	29	23
TOTAL FISHERMEN . . . . .	1	94	75	43	41
VESSELS, MOTOR:					
REGULAR . . . . .	-	1	-	-	-
PART-TIME . . . . .	-	9	4	-	-
CASUAL . . . . .	-	10	14	3	-
TOTAL VESSELS . . . . .	-	20	18	3	-
TOTAL GROSS TONNAGE . . . . .	-	394	335	28	-
BOATS, MOTOR:					
PART-TIME . . . . .	-	3	3	4	9
CASUAL . . . . .	1	36	28	19	18
TOTAL MOTOR BOATS . . . . .	1	39	31	23	27
DAYS OPERATED:					
FISHERMEN:					
ON VESSELS . . . . .	-	2,155	1,207	84	-
ON BOATS AND SHORE . . . . .	3	1,161	855	1,231	1,954
TOTAL FISHERMEN DAYS . . . . .	3	3,316	2,062	1,315	1,954
CRAFT:					
VESSELS . . . . .	-	980	531	42	-
BOATS, MOTOR . . . . .	3	764	605	673	1,103
TOTAL CRAFT DAYS . . . . .	3	1,744	1,136	715	1,103
FISHING EFFORT:					
LIFTS PER 1,000 LINEAR YARDS . . . . .	(1)	4,549	2,556	839	-
LIFTS PER 1,000 HOOKS . . . . .		-	-	-	734

1/ LESS THAN 500 LINEAR YARDS.

SEE NOTE ON PAGE 326.

LAKE MICHIGAN - OPERATING UNITS AND  
FISHING EFFORT BY GEAR, 1967

ITEM	HAUL SEINES, COMMON	OTTER TRAWLS	POUND NETS	TRAP NETS	FYKE AND HOOP NETS
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS:					
PART-TIME . . . . .	-	28	6	2	3
CASUAL . . . . .	-	12	8	17	3
ON BOATS AND SHORE:					
PART-TIME . . . . .	-	-	24	-	12
CASUAL . . . . .	22	-	95	14	40
TOTAL FISHERMEN . . . . .	22	40	133	33	58
VESSELS, MOTOR:					
PART-TIME . . . . .	-	13	3	1	1
CASUAL . . . . .	-	6	4	8	1
TOTAL VESSELS . . . . .	-	19	7	9	2
TOTAL GROSS TONNAGE . . . . .	-	574	87	114	34
BOATS:					
MOTOR:					
PART-TIME . . . . .	-	-	12	-	6
CASUAL . . . . .	11	-	47	7	20
TOTAL MOTOR BOATS . . . . .	11	-	59	7	26
OTHER, CASUAL . . . . .	11	-	-	-	-

SEE NOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

# GREAT LAKES FISHERIES

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## LAKE MICHIGAN - OPERATING UNITS AND FISHING EFFORT BY GEAR, 1967 - Continued

ITEM	HAUL SEINES, COMMON	OTTER TRAWLS	POUND NETS	TRAP NETS	FYKE AND HOOP NETS
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
<b>DAYS OPERATED:</b>					
<b>FISHERMEN:</b>					
ON VESSELS . . . . .	-	3,391	684	576	486
ON BOATS AND SHORE . . . . .	430	-	4,008	324	1,522
TOTAL FISHERMEN DAYS . . . . .	430	3,391	4,692	900	2,008
<b>CRAFT:</b>					
VESSELS . . . . .	-	1,576	345	285	162
BOATS, MOTOR . . . . .	215	-	2,039	162	761
TOTAL CRAFT DAYS . . . . .	215	1,576	2,384	447	923
<b>FISHING EFFORT:</b>					
LIFTS . . . . .	-	-	7,206	1,698	7,510
LIFTS PER 1,000 LINEAR YARDS . . . . .	122	-	-	-	-
HOURS TRAWLED . . . . .	-	8,061	-	-	-
<b>GILL NETS</b>					
ITEM	1-1/4 - 2 INCH MESH	2-1/8 - 3-7/8 INCH MESH	4 - 7 INCH MESH	7 - 14 INCH MESH	LINES, LONG OR SET WITH HOOKS
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
<b>FISHERMEN:</b>					
<b>ON VESSELS:</b>					
REGULAR . . . . .	-	101	-	-	-
PART-TIME . . . . .	-	93	22	-	-
CASUAL . . . . .	21	96	114	-	-
<b>ON BOATS AND SHORE:</b>					
PART-TIME . . . . .	-	30	11	10	-
CASUAL . . . . .	41	176	130	14	1
TOTAL FISHERMEN . . . . .	62	496	277	24	1
<b>VESSELS, MOTOR:</b>					
REGULAR . . . . .	-	34	-	-	-
PART-TIME . . . . .	-	44	10	-	-
CASUAL . . . . .	10	47	51	-	-
TOTAL VESSELS . . . . .	10	125	61	-	-
TOTAL GROSS TONNAGE . . . . .	135	2,779	1,309	-	-
<b>BOATS, MOTOR:</b>					
PART-TIME . . . . .	-	15	5	5	-
CASUAL . . . . .	32	148	103	14	1
TOTAL MOTOR BOATS . . . . .	32	163	108	19	1
<b>DAYS OPERATED:</b>					
<b>FISHERMEN:</b>					
ON VESSELS . . . . .	267	33,323	3,680	-	-
ON BOATS AND SHORE . . . . .	315	4,808	3,074	934	28
TOTAL FISHERMEN DAYS . . . . .	602	38,131	6,754	934	28
<b>CRAFT:</b>					
VESSELS . . . . .	135	12,933	1,662	-	-
BOATS, MOTOR . . . . .	253	3,111	1,866	604	28
TOTAL CRAFT DAYS . . . . .	388	16,044	3,528	604	28
<b>FISHING EFFORT:</b>					
LIFTS PER 1,000 LINEAR YARDS . . . . .	364	42,992	10,724	469	-
LIFTS PER 1,000 HOOKS . . . . .	-	-	-	-	7

NOTE: - DOES NOT INCLUDE 50 STATE EMPLOYEES AT 2 WEIR SITES ENGAGED IN THE TAKING OF COHO SALMON.  
SEE NOTE ON PAGE 326.

## GREAT LAKES FISHERIES

LAKE SUPERIOR - OPERATING UNITS AND  
FISHING EFFORT BY GEAR, 1967

ITEM	HAUL SEINES, COMMON	OTTER TRAWLS	POUND NETS	TRAP NETS	FYKE AND HOOP NETS
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS:					
PART-TIME . . . . .	-	-	-	2	-
CASUAL . . . . .	-	4	8	4	-
ON BOATS AND SHORE:					
PART-TIME . . . . .	-	-	-	2	-
CASUAL . . . . .	2	-	20	-	3
TOTAL FISHERMEN . . . . .	2	4	28	8	3
VESSELS, MOTOR:					
PART-TIME . . . . .					
PART-TIME . . . . .	-	-	-	1	-
CASUAL . . . . .	-	2	4	2	-
TOTAL VESSELS . . . . .	-	2	4	3	-
TOTAL GROSS TONNAGE . . . . .	-	47	78	52	-
BOATS:					
MOTOR:					
PART-TIME . . . . .					
PART-TIME . . . . .	-	-	-	1	-
CASUAL . . . . .	1	-	10	-	2
TOTAL MOTOR BOATS . . . . .	1	-	10	1	2
OTHER, CASUAL . . . . .					
OTHER, CASUAL . . . . .	1	-	-	-	-
DAYS OPERATED:					
FISHERMEN:					
ON VESSELS . . . . .					
ON VESSELS . . . . .	-	140	120	236	-
ON BOATS AND SHORE . . . . .	14	-	456	110	36
TOTAL FISHERMEN DAYS . . . . .	14	140	576	346	36
CRAFT DAYS:					
VESSELS . . . . .					
VESSELS . . . . .	-	70	60	118	-
BOATS, MOTOR . . . . .	7	-	228	55	19
TOTAL CRAFT DAYS . . . . .	7	70	288	173	19
FISHING EFFORT:					
LIFTS . . . . .					
LIFTS . . . . .	-	-	1,134	1,220	19
LIFTS PER 1,000 LINEAR YARDS . . . . .	2	-	-	-	-
HOURS TRAWLED . . . . .	-	165	-	-	-
GILL NETS					
ITEM	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	
FISHERMEN:					
ON VESSELS:					
REGULAR . . . . .	-	15	-	-	
PART-TIME . . . . .	-	67	21	-	
CASUAL . . . . .	15	61	95	5	
ON BOATS AND SHORE:					
REGULAR . . . . .	-	6	-	-	
PART-TIME . . . . .	-	71	18	-	
CASUAL . . . . .	17	123	93	7	
TOTAL FISHERMEN . . . . .	32	343	227	12	
VESSELS, MOTOR:					
REGULAR . . . . .					
REGULAR . . . . .	-	5	-	-	
PART-TIME . . . . .	-	31	9	-	
CASUAL . . . . .	7	29	46	2	
TOTAL VESSELS . . . . .	7	65	55	2	
TOTAL GROSS TONNAGE . . . . .	102	1,280	1,069	18	
BOATS, MOTOR:					
REGULAR . . . . .					
REGULAR . . . . .	-	2	-	-	
PART-TIME . . . . .	-	34	9	-	
CASUAL . . . . .	12	110	80	3	
TOTAL MOTOR BOATS . . . . .	12	146	89	3	
DAYS OPERATED:					
FISHERMEN:					
ON VESSELS . . . . .					
ON VESSELS . . . . .	239	11,106	3,715	108	
ON BOATS AND SHORE . . . . .	396	9,868	3,251	73	
TOTAL FISHERMEN DAYS . . . . .	635	20,974	6,966	181	
CRAFT:					
VESSELS . . . . .					
VESSELS . . . . .	115	4,709	1,673	40	
BOATS, MOTOR . . . . .	265	5,317	2,052	30	
TOTAL CRAFT DAYS . . . . .	380	10,026	3,725	70	
FISHING EFFORT, LIFTS PER 1,000 LINEAR YARDS . . . . .					
LIFTS PER 1,000 LINEAR YARDS . . . . .	151	15,801	6,560	47	

SEE NOTE ON PAGE 326.

# GREAT LAKES FISHERIES

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## LAKE OF THE WOODS, NAMAKAN LAKE, AND RAINY LAKE OPERATING UNITS AND FISHING EFFORT BY GEAR, 1967

ITEM	POUND NETS	TRAP NETS	FYKE AND HOOP NETS	GILL NETS, 4 - 7 INCH MESH
	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>
FISHERMEN ON BOATS AND SHORE:				
PART-TIME . . . . .	-	6	-	40
CASUAL . . . . .	2	2	4	7
TOTAL FISHERMEN . . . .	2	8	4	47
BOATS, MOTOR:				
PART-TIME . . . . .	-	3	-	20
CASUAL . . . . .	1	1	2	7
TOTAL MOTOR BOATS . . .	1	4	2	27
DAYS OPERATED:				
FISHERMEN ON BOATS AND SHORE . . . . .	46	514	156	4,132
CRAFT, BOATS, MOTOR . . .	23	257	78	2,197
FISHING EFFORT:				
LIFTS . . . . .	23	2,432	656	-
LIFTS PER 1,000 LINEAR YARDS . . . . .	-	-	-	2,146

SEE NOTE ON PAGE 326.



## GREAT LAKES FISHERIES

## LANDINGS BY LAKE, STATE, AND CATCH BY GEAR, 1967

SPECIES	LAKE ONTARIO					
	NEW YORK					
	HAUL SEINES		TRAP NETS		FYKE AND HOOP NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUE PIKE . . . . .	-	-	(1)	\$10	-	-
BOWFIN . . . . .	-	-	300	20	-	-
BULLHEADS . . . . .	1,400	\$432	22,700	6,805	1,900	\$580
BURBOT . . . . .	-	-	100	2	-	-
CARP . . . . .	6,600	329	15,000	748	200	10
CATFISH . . . . .	-	-	1,500	286	-	-
CRAPPIE . . . . .	100	13	2,100	461	-	-
EEL, COMMON . . . . .	-	-	25,000	6,492	100	32
LAKE HERRING . . . . .	-	-	300	108	-	-
ROCK BASS . . . . .	(1)	2	8,200	578	-	-
SAUGER . . . . .	-	-	-	-	(1)	2
SHEEPSHEAD . . . . .	-	-	100	13	-	-
SUCKERS . . . . .	-	-	7,800	472	100	4
SUNFISH . . . . .	-	-	13,500	2,292	100	22
WHITE BASS . . . . .	-	-	400	67	-	-
WHITE PERCH . . . . .	200	45	4,600	1,151	-	-
YELLOW PERCH . . . . .	-	-	9,200	629	200	14
YELLOW PIKE . . . . .	-	-	1,000	366	-	-
TOTAL . . . . .	8,300	821	111,800	20,702	2,600	664

SPECIES	LAKE ONTARIO - CONTINUED					
	NEW YORK - CONTINUED					
	GILL NETS					
	2-1/8 - 3-7/8 INCH MESH		4 - 7 INCH MESH		7-1/8 - 14 INCH MESH	
POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	
BULLHEADS . . . . .	1,100	\$319	-	-	-	-
CARP . . . . .	(1)	2	-	-	-	-
CATFISH . . . . .	-	-	1,500	\$302	-	-
EEL, COMMON . . . . .	9,200	2,406	-	-	-	-
LAKE HERRING . . . . .	-	-	2,100	648	-	-
ROCK BASS . . . . .	200	11	-	-	-	-
SMELT . . . . .	100	21	-	-	-	-
STURGEON, COMMON . . . . .	-	-	-	-	300	\$310
SUCKERS . . . . .	600	36	-	-	-	-
WHITE BASS . . . . .	100	17	-	-	-	-
WHITEFISH, COMMON . . . . .	-	-	1,700	1,044	-	-
WHITE PERCH . . . . .	500	128	140,900	35,214	-	-
YELLOW PERCH . . . . .	-	-	2,600	255	-	-
YELLOW PIKE . . . . .	100	46	100	38	-	-
TOTAL . . . . .	11,900	2,986	149,100	37,701	300	310

SPECIES	LAKE ONTARIO - CONTINUED		LAKE ERIE					
	NEW YORK - CONTINUED		NEW YORK					
	TOTAL		GILL NETS				TOTAL	
	POUNDS	VALUE	2-1/8 - 3-7/8 INCH MESH		4 - 7 INCH MESH		POUNDS	VALUE
BLUE PIKE . . . . .	(1)	\$10	-	-	(1)	\$6	(1)	\$6
BOWFIN . . . . .	300	20	-	-	-	-	-	-
BULLHEADS . . . . .	27,100	8,136	(1)	\$3	(1)	4	(1)	7
BURBOT . . . . .	-	-	-	-	-	-	-	-
CARP . . . . .	21,800	1,069	(1)	(1)	1,600	38	1,600	38
CATFISH . . . . .	3,000	590	(1)	1	1,100	237	1,100	238
CRAPPIE . . . . .	2,200	474	-	-	100	13	100	13
EEL, COMMON . . . . .	34,300	8,930	-	-	(1)	(1)	(1)	(1)
LAKE HERRING . . . . .	2,400	956	-	-	(1)	(1)	(1)	(1)
PIKE OR PICKEREL . . . . .	-	-	-	-	-	-	-	-
ROCK BASS . . . . .	8,400	591	100	5	300	15	400	20
SAUGER . . . . .	(1)	2	-	-	-	-	-	-
SHEEPSHEAD . . . . .	100	13	1,100	111	7,800	781	8,900	892
SMELT . . . . .	100	21	(1)	1	100	5	100	6

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

# GREAT LAKES FISHERIES

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## LANDINGS BY LAKE, STATE, AND CATCH BY GEAR, 1967 - Continued

SPECIES	LAKE ONTARIO - CONTINUED		LAKE ERIE					
	NEW YORK - CONTINUED		NEW YORK					
	TOTAL		GILL NETS				TOTAL	
			2-1/8 - 3-7/8 INCH MESH		4 - 7 INCH MESH			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
STURGEON, COMMON . . . . .	300	\$310	-	-	-	-	-	-
SUCKERS . . . . .	8,500	512	700	\$42	11,300	\$679	12,000	\$721
SUNFISH . . . . .	13,600	2,314	-	-	-	-	-	-
WHITE BASS . . . . .	500	84	700	82	1,600	196	2,300	276
WHITEFISH, COMMON . . . . .	1,700	1,044	-	-	-	-	-	-
WHITE PERCH . . . . .	146,200	36,536	100	14	(1)	3	100	17
YELLOW PERCH . . . . .	12,200	1,096	105,500	13,720	300	36	105,800	13,756
YELLOW PIKE . . . . .	1,200	450	4,900	1,964	116,500	46,600	121,400	46,564
<b>TOTAL . . . . .</b>	<b>284,000</b>	<b>63,164</b>	<b>113,100</b>	<b>15,943</b>	<b>140,700</b>	<b>46,615</b>	<b>253,600</b>	<b>64,556</b>

SPECIES	LAKE ERIE - CONTINUED									
	PENNSYLVANIA									
	GILL NETS						TOTAL		HAUL SEINES	
	2-1/8 - 3-7/8 INCH MESH		4 - 7 INCH MESH		TOTAL		TOTAL		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUE PIKE . . . . .	(1)	\$6	-	-	(1)	\$6	100	\$20	-	-
BUFFALOFISH . . . . .	-	-	-	-	-	-	27,500	3,413	-	-
BULLHEADS . . . . .	-	-	-	-	-	-	19,800	3,067	-	-
BURBOT . . . . .	(1)	1	-	-	(1)	1	-	-	-	-
CARP . . . . .	(1)	(1)	(1)	(1)	(1)	(1)	2,346,100	129,036	-	-
CATFISH . . . . .	300	50	100	\$27	400	77	372,100	111,629	-	-
GIZZARD SHAD . . . . .	-	-	-	-	-	-	6,700	256	-	-
GOLDFISH . . . . .	-	-	-	-	-	-	94,000	2,621	-	-
LAKE HERRING . . . . .	(1)	12	-	-	(1)	12	-	-	-	-
MOONEYE . . . . .	-	-	-	-	-	-	200	7	-	-
SHEEPSHEAD . . . . .	1,600	40	1,100	27	2,700	67	1,622,000	64,661	-	-
SMELT . . . . .	2,700	267	-	-	2,700	267	-	-	-	-
STURGEON, COMMON . . . . .	-	-	-	-	-	-	(1)	42	-	-
SUCKERS . . . . .	300	17	800	49	1,100	66	13,100	393	-	-
WHITE BASS . . . . .	600	74	100	6	700	80	363,900	90,966	-	-
WHITEFISH, COMMON . . . . .	300	144	(1)	13	300	157	300	184	-	-
YELLOW PERCH . . . . .	461,700	59,561	(1)	2	461,700	59,563	26,000	2,596	-	-
YELLOW PIKE . . . . .	6,700	2,705	1,500	563	8,200	3,268	26,700	13,769	-	-
<b>TOTAL . . . . .</b>	<b>474,200</b>	<b>62,677</b>	<b>3,600</b>	<b>707</b>	<b>477,800</b>	<b>63,564</b>	<b>4,920,500</b>	<b>423,062</b>	-	-

SPECIES	LAKE ERIE - CONTINUED							
	OHIO - CONTINUED							
	TRAP NETS		FYKE AND HOOP NETS		GILL NETS			
	TOTAL		TOTAL		2-1/8 - 3-7/8 INCH MESH		4 - 7 INCH MESH	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH . . . . .	7,400	\$913	300	\$34	(1)	\$1	300	\$34
BULLHEADS . . . . .	5,500	866	-	-	100	14	(1)	(1)
BURBOT . . . . .	300	14	-	-	(1)	(1)	5,500	277
CARP . . . . .	136,700	7,515	200	11	1,900	103	40,100	2,207
CATFISH . . . . .	139,000	41,711	1,700	512	1,300	395	6,100	1,614
GIZZARD SHAD . . . . .	22,600	867	-	-	200	6	100	3
LAKE HERRING . . . . .	-	-	-	-	(1)	-	-	-
LAKE TROUT . . . . .	(1)	1	-	-	-	-	-	-
MOONEYE OR GOLDEYE . . . . .	-	-	-	-	100	5	-	-
QUILLBACK . . . . .	100	4	-	-	-	-	-	-
SHEEPSHEAD . . . . .	812,500	32,501	300	10	3,200	127	12,200	466
SMELT . . . . .	-	-	-	-	400	44	100	8
STURGEON, COMMON . . . . .	100	45	-	-	-	-	-	-
SUCKERS . . . . .	92,900	2,789	400	12	1,500	43	4,700	140
WHITE BASS . . . . .	600,800	150,202	21,200	5,267	7,400	1,856	40,000	10,013
WHITEFISH, COMMON . . . . .	1,900	1,167	-	-	(1)	-	100	27
YELLOW PERCH . . . . .	1,397,400	139,691	2,300	239	1,238,300	125,969	500	56
YELLOW PIKE . . . . .	101,100	48,533	700	340	600	300	41,000	19,674
<b>TOTAL . . . . .</b>	<b>3,316,500</b>	<b>427,019</b>	<b>27,100</b>	<b>6,445</b>	<b>1,275,000</b>	<b>126,690</b>	<b>150,700</b>	<b>34,741</b>

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

## GREAT LAKES FISHERIES

## LANDINGS BY LAKE, STATE, AND CATCH BY GEAR, 1967 - Continued

SPECIES	LAKE ERIE - CONTINUED					
	OHIO - CONTINUED					
	GILL NETS - CONTINUED		LINES, LONG OR SET WITH HOOKS		TOTAL	
	7-1/8 - 14 INCH MESH					
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUE PIKE	-	-	(1)	\$6	100	\$26
BUFFALOFISH	200	\$26	(1)	(1)	35,700	4,421
BULLHEADS	-	-	1,700	254	27,100	4,201
BURBOT	-	-	-	-	5,800	291
CARP	29,000	1,597	1,700	93	2,555,700	140,562
CATFISH	-	-	102,400	30,713	622,500	166,774
GIZZARD SHAD	-	-	(1)	(1)	29,800	1,132
GOLDFISH	-	-	(1)	(1)	94,000	2,821
LAKE HERRING	-	-	-	-	(1)	3
LAKE TROUT	-	-	-	-	(1)	1
MOONEYE OR GOLDEYE	-	-	-	-	300	12
QUILLBACK	-	-	-	-	100	4
SAUGER	-	-	(1)	10	(1)	10
SHEEPSHEAD	-	-	1,500	60	2,451,700	98,067
SMELT	-	-	-	-	500	67
STURGEON, COMMON	-	-	-	-	100	52
SUCKERS	-	-	-	-	112,500	3,377
WHITE BASS	1,800	450	(1)	2	1,035,100	258,776
WHITEFISH, COMMON	-	-	(1)	(1)	2,300	1,402
YELLOW PERCH	-	-	500	62	2,685,100	266,815
YELLOW PIKE	500	228	(1)	1	172,600	82,845
TOTAL	31,500	2,301	107,900	31,201	9,831,200	1,053,679

SPECIES	LAKE ERIE - CONTINUED							
	MICHIGAN							
	HAUL SEINES		POUND NETS		TRAP NETS		FYKE AND HOOP NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	-	-	-	-	(1)	\$2	-	-
BUFFALOFISH	100	\$16	-	-	5,500	930	500	\$98
BULLHEADS	500	93	-	-	300	49	200	31
CARP	337,400	9,109	2,500	\$68	139,300	3,762	4,900	132
CATFISH	11,000	3,420	(1)	9	17,600	5,502	1,100	339
SHEEPSHEAD	400	14	600	25	91,900	2,942	2,200	70
SUCKERS	-	-	400	7	50,900	1,070	200	3
WHITE BASS	500	97	-	-	59,200	12,066	900	182
WHITEFISH, COMMON	-	-	(1)	22	(1)	6	-	-
YELLOW PERCH	(1)	5	1,600	194	108,500	11,932	1,100	117
YELLOW PIKE	300	141	700	303	205,000	69,539	1,300	581
TOTAL	350,200	12,695	6,200	628	678,300	127,800	12,400	1,553

SPECIES	LAKE ERIE - CONTINUED							
	MICHIGAN - CONTINUED							
	GILL NETS				LINES, LONG OR SET WITH HOOKS		TOTAL	
	2-1/8 - 3-7/8 INCH MESH		4 - 7 INCH MESH					
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	-	-	-	-	-	-	(1)	\$2
BUFFALOFISH	-	-	-	-	-	-	6,200	1,044
BULLHEADS	100	\$11	-	-	-	-	1,100	164
CARP	600	16	400	\$10	-	-	485,100	13,097
CATFISH	200	56	-	-	800	\$247	30,700	9,573
SHEEPSHEAD	-	-	200	5	-	-	95,500	3,056
SUCKERS	-	-	100	3	-	-	51,600	1,083
WHITE BASS	-	-	500	110	-	-	61,100	12,455
WHITEFISH, COMMON	-	-	-	-	-	-	(1)	28
YELLOW PERCH	800	92	-	-	-	-	112,200	12,340
YELLOW PIKE	200	71	1,100	481	-	-	208,600	91,116
TOTAL	1,900	246	2,300	609	800	247	1,052,100	143,978

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

# GREAT LAKES FISHERIES

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## LANDINGS BY LAKE, STATE, AND CATCH BY GEAR, 1967 - Continued

SPECIES	LAKE HURON							
	MICHIGAN							
	HAUL SEINES		POUND NETS		TRAP NETS			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE		
BOWFIN . . . . .	-	-	-	-	200	\$9		
BUFFALOFISH . . . . .	-	-	-	-	(1)	2		
BULLHEADS . . . . .	700	\$100	(1)	(1)	1,500	217		
BURBOT . . . . .	-	-	-	-	(1)	(1)		
CARP . . . . .	223,700	10,739	1,700	\$80	178,100	8,548		
CATFISH . . . . .	6,100	1,818	600	188	57,700	17,126		
CRAPPIE . . . . .	-	-	(1)	5	1,100	259		
GIZZARD SHAD . . . . .	-	-	-	-	700	28		
LAKE HERRING . . . . .	-	-	-	-	300	69		
QUILLBACK . . . . .	-	-	-	-	6,700	254		
ROCK BASS . . . . .	200	36	(1)	1	900	149		
SAUGER . . . . .	-	-	-	-	(1)	(1)		
SHEEPSHEAD . . . . .	100	3	(1)	1	8,800	333		
SMELT . . . . .	-	-	52,000	2,026	-	-		
STURGEON, COMMON . . . . .	-	-	-	-	400	398		
SUCKERS . . . . .	20,100	763	600	23	183,100	6,957		
WHITE BASS . . . . .	-	-	-	-	500	90		
WHITFISH, COMMON . . . . .	-	-	10,500	6,094	96,700	55,668		
YELLOW PERCH . . . . .	6,800	884	1,600	212	619,600	81,163		
YELLOW PIKE . . . . .	-	-	100	42	16,400	7,852		
TOTAL . . . . .	257,700	14,343	67,400	8,672	1,174,700	179,122		
LAKE HURON - CONTINUED								
MICHIGAN - CONTINUED								
SPECIES	FYKE AND HOOP NETS		GILL NETS					
			1-1/4 - 2 INCH MESH		2-1/8 - 3-7/8 INCH MESH			
			POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN . . . . .	(1)	\$79	-	-	-	-		
BULLHEADS . . . . .	600	35	-	-	-	-		
CARP . . . . .	700	19	-	-	600	\$30		
CATFISH . . . . .	100	-	-	-	400	125		
CHUBS . . . . .	-	-	-	-	355,700	65,089		
CRAPPIE . . . . .	(1)	4	-	-	(1)	1		
LAKE HERRING . . . . .	-	-	(1)	(1)	10,700	2,195		
LAKE TROUT . . . . .	-	-	-	-	(1)	3		
ROCK BASS . . . . .	200	24	-	-	(1)	(1)		
SHEEPSHEAD . . . . .	-	-	-	-	(1)	(1)		
SMELT . . . . .	-	-	-	-	(1)	(1)		
SUCKERS . . . . .	25,900	984	-	-	1,700	64		
WHITFISH, MENOMINEE . . . . .	-	-	-	-	1,500	322		
YELLOW PERCH . . . . .	3,200	414	-	-	502,600	65,845		
YELLOW PIKE . . . . .	(1)	2	-	-	100	48		
TOTAL . . . . .	30,700	1,561	(1)	(1)	873,300	133,722		
LAKE HURON - CONTINUED								
MICHIGAN - CONTINUED								
SPECIES	GILL NETS - CONTINUED				LINES, LONG OR SET WITH HOOKS		TOTAL	
	4 - 7 INCH MESH		7-1/8 - 14 INCH MESH					
	POUNDS	VALUE	POUNDS	VALUE				
BOWFIN . . . . .	-	-	(1)	(1)	-	-	200	\$9
BUFFALOFISH . . . . .	-	-	-	-	-	-	(1)	2
BULLHEADS . . . . .	-	-	-	-	-	-	2,600	396
BURBOT . . . . .	100	\$4	-	-	-	-	100	4
CARP . . . . .	26,000	1,249	541,400	\$25,984	(1)	\$2	972,200	46,667
CATFISH . . . . .	1,700	515	1,600	533	60,800	18,053	129,200	38,377
CHUBS . . . . .	(1)	8	-	-	-	-	355,700	65,097
CRAPPIE . . . . .	-	-	-	-	-	-	1,100	269
GARFISH . . . . .	-	-	-	-	-	-	(1)	(1)
GIZZARD SHAD . . . . .	-	-	100	4	(1)	(1)	800	32
LAKE HERRING . . . . .	200	43	-	-	-	-	11,200	2,307
LAKE TROUT . . . . .	(1)	1	-	-	-	-	(1)	4
QUILLBACK . . . . .	-	-	-	-	-	-	6,700	254
ROCK BASS . . . . .	(1)	2	-	-	-	-	1,300	212
SAUGER . . . . .	-	-	-	-	-	-	(1)	(1)

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

## GREAT LAKES FISHERIES

## LANDINGS BY LAKE, STATE, AND CATCH BY GEAR, 1967 - Continued

SPECIES	LAKE HURON - CONTINUED							
	MICHIGAN - CONTINUED							
	GILL NETS				LINES, LONG OR SET WITH HOOKS		TOTAL	
	4 - 7 INCH MESH		7-1/8 - 14 INCH MESH		POUNDS	VALUE	POUNDS	VALUE
POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	
SHEEPSHEAD . . . . .	200	\$8	-	-	(1)	(1)	9,100	\$345
SMELT . . . . .	(1)	(1)	-	-	-	-	52,000	2,026
STURGEON, COMMON . . . . .	(1)	12	100	\$119	-	-	500	529
SUCKERS . . . . .	11,300	430	(1)	(1)	-	-	242,700	9,221
WHITE BASS . . . . .	100	18	-	-	-	-	600	108
WHITEFISH, COMMON . . . . .	153,100	86,343	-	-	-	-	262,600	148,105
MENOMINEE . . . . .	300	55	-	-	-	-	1,800	377
YELLOW PERCH . . . . .	(1)	(1)	(1)	-	(1)	-\$1	1,133,800	148,520
YELLOW PIKE . . . . .	10,100	4,850	300	180	-	-	27,000	12,974
TOTAL . . . . .	203,100	93,538	543,700	26,821	60,800	18,056	3,211,400	475,835
SPECIES	LAKE MICHIGAN							
	MICHIGAN							
	OTTER TRAWLS		WEIRS		POUND NETS		TRAP NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES . . . . .	3,513,200	\$42,158	-	-	9,856,400	\$118,277	-	-
CARP . . . . .	100	3	-	-	600	31	(1)	\$2
CHUBS . . . . .	45,200	3,337	-	-	-	-	-	-
LAKE HERRING . . . . .	-	-	-	-	100	10	-	-
SALMON, SILVER OR COHO . . . . .	-	-	1,407,900	\$124,138	-	-	-	-
SMELT . . . . .	102,200	2,816	-	-	942,000	29,408	-	-
STURGEON, COMMON . . . . .	-	-	-	-	100	229	-	-
SUCKERS . . . . .	200	7	-	-	1,400	54	1,700	67
WHITEFISH, COMMON . . . . .	500	279	-	-	106,500	59,967	252,200	141,993
MENOMINEE . . . . .	-	-	-	-	300	59	2,100	431
YELLOW PERCH . . . . .	1,100	162	-	-	300	52	4,500	654
YELLOW PIKE . . . . .	-	-	-	-	300	123	1,100	533
TOTAL . . . . .	3,662,500	48,762	1,407,900	124,138	10,908,000	208,210	261,600	143,680
SPECIES	LAKE MICHIGAN - CONTINUED							
	MICHIGAN - CONTINUED							
	FYKE AND HOOP NETS		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	POUNDS	VALUE	
ALEWIVES . . . . .	-	-	200	\$2	100	\$2	(1)	(1)
BURBOT . . . . .	-	-	-	-	(1)	(1)	1,500	\$34
CARP . . . . .	-	-	-	-	(1)	1	200	12
CATFISH . . . . .	-	-	-	-	600	174	-	-
CHUBS . . . . .	-	-	-	-	3,684,800	666,932	-	-
LAKE HERRING . . . . .	-	-	(1)	1	22,700	4,150	1,500	280
LAKE TROUT . . . . .	-	-	-	-	(1)	6	200	102
PIKE OR PICKEREL . . . . .	-	-	-	-	(1)	6	100	20
ROCK BASS . . . . .	-	-	-	-	(1)	2	200	26
SMELT . . . . .	-	-	15,200	503	41,000	1,352	100	3
STURGEON, COMMON . . . . .	-	-	-	-	-	-	100	70
SUCKERS . . . . .	-	-	100	3	11,100	434	19,000	741
WHITEFISH, COMMON . . . . .	-	-	-	-	600	342	412,700	232,372
MENOMINEE . . . . .	-	-	(1)	5	55,300	11,506	2,000	417
YELLOW PERCH . . . . .	1,300	\$196	(1)	4	440,100	64,690	8,400	1,239
YELLOW PIKE . . . . .	-	-	-	-	(1)	3	7,000	3,369
TOTAL . . . . .	1,300	196	15,500	518	4,256,300	749,604	453,000	238,685

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

# GREAT LAKES FISHERIES

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## LANDINGS BY LAKE, STATE, AND CATCH BY GEAR, 1967 - Continued

SPECIES	LAKE MICHIGAN - CONTINUED								
	MICHIGAN - CONTINUED								
	GILL NETS - CONTINUED		LINES, LONG OR SET WITH HOOKS		TOTAL		TOTAL		
	7-1/8 - 14 INCH MESH								
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	
ALEWIVES . . . . .	-	-	-	-	13,369	900	\$160,439		
BURBOT . . . . .	-	-	-	-	1	500	34		
CARP . . . . .	-	-	-	-	-	900	49		
CATFISH . . . . .	-	-	-	-	-	600	174		
CHUBS . . . . .	-	-	-	-	3,730	000	670,269		
LAKE HERRING . . . . .	-	-	-	-	24	300	4,441		
LAKE TROUT . . . . .	-	-	-	-	-	200	106		
PIKE OR PICKEREL . . . . .	-	-	-	-	-	100	30		
ROCK BASS . . . . .	-	-	-	-	-	200	26		
SALMON, SILVER OR COHO . . . . .	-	-	-	-	1,407	900	124,136		
SMELT . . . . .	-	-	-	-	1,100	500	34,062		
STURGEON, COMMON . . . . .	100	\$106	100	\$67	-	-	-		
SUCKERS . . . . .	-	-	-	-	-	33,500	1,306		
WHITEFISH . . . . .	-	-	-	-	-	772,500	434,953		
COMMON . . . . .	-	-	-	-	-	59,700	12,418		
MENOMINEE . . . . .	-	-	-	-	-	455,700	66,997		
YELLOW PERCH . . . . .	-	-	-	-	-	6,400	4,026		
YELLOW PIKE . . . . .	-	-	-	-	-	-	-		
TOTAL . . . . .	100	106	100	67	20,966	300	1,513,966		

SPECIES	LAKE MICHIGAN - CONTINUED							
	INDIANA							
	OTTER TRAWLS		GILL NETS				TOTAL	
			2-1/8 - 3-7/8 INCH MESH		4 - 7 INCH MESH			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES . . . . .	693,700	\$6,326	400	\$4	-	-	694,100	\$6,330
CARP . . . . .	-	-	-	-	10,000	\$500	10,000	900
CHUBS . . . . .	-	-	6,000	660	-	-	6,000	660
LAKE HERRING . . . . .	-	-	(1)	4	-	-	(1)	4
LAKE TROUT . . . . .	(1)	1	(1)	9	-	-	(1)	10
SALMON, SILVER OR COHO . . . . .	(1)	15	(1)	6	76,000	36,459	76,000	36,480
SUCKERS . . . . .	-	-	200	10	10,000	1,000	10,200	1,010
WHITEFISH, COMMON . . . . .	-	-	-	-	6,000	3,600	6,000	3,600
YELLOW PERCH . . . . .	-	-	72,400	11,126	-	-	72,400	11,126
TOTAL . . . . .	693,700	6,342	79,000	11,821	102,000	41,559	674,700	61,722

SPECIES	LAKE MICHIGAN - CONTINUED							
	ILLINOIS						WISCONSIN	
	GILL NETS				TOTAL		HAUL SEINES	
	1-1/4 - 2 INCH MESH		2-1/8 - 3-7/8 INCH MESH					
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES . . . . .	-	-	300	\$3	300	\$3	-	-
BULLHEADS . . . . .	-	-	(1)	(1)	(1)	(1)	-	-
CARP . . . . .	-	-	100	3	100	3	1,934,600	\$96,730
CATFISH . . . . .	-	-	-	-	-	-	600	174
CHUBS . . . . .	-	-	163,100	36,519	163,100	36,519	-	-
LAKE HERRING . . . . .	-	-	100	24	100	24	-	-
LAKE TROUT . . . . .	-	-	(1)	19	(1)	19	-	-
PIKE OR PICKEREL . . . . .	-	-	(1)	1	(1)	1	(1)	14
SMELT . . . . .	-	-	(1)	(1)	(1)	(1)	-	-
SUCKERS . . . . .	-	-	(1)	(1)	(1)	(1)	1,000	38
WHITEFISH, COMMON . . . . .	-	-	-	-	-	-	200	114
YELLOW PERCH . . . . .	500	\$64	5,600	1,000	6,100	1,064	-	-
YELLOW PIKE . . . . .	-	-	-	-	-	-	100	20
TOTAL . . . . .	500	64	169,200	37,569	169,700	37,653	1,936,500	97,090

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

## GREAT LAKES FISHERIES

## LANDINGS BY LAKE, STATE, AND CATCH BY GEAR, 1967 - Continued

SPECIES	LAKE MICHIGAN - CONTINUED								
	WISCONSIN - CONTINUED								
	OTTER TRAWLS		POUND NETS		FYKE AND HOOP NETS		GILL NETS		
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	1-1/4 - 2 INCH MESH	POUNDS	VALUE
ALEWIVES . . . . .	15,328,100	\$153,281	12,481,400	\$124,814	12,400	\$124	-	-	-
BULLHEADS . . . . .	-	-	-	-	9,200	1,317	-	-	-
SURBOT . . . . .	-	-	7,200	165	15,700	362	-	-	-
CARP . . . . .	38,200	1,910	100	4	96,400	4,822	-	-	-
CATFISH . . . . .	-	-	-	-	(1)	10	-	-	-
CHUS . . . . .	124,900	6,779	-	-	-	-	-	-	-
LAKE HERRING . . . . .	300	49	900	132	700	98	-	-	-
PIKE OR PICKEREL . . . . .	-	-	2,500	497	21,500	4,306	-	-	-
SMELT . . . . .	21,900	1,095	69,000	3,451	900	42	26,900	\$1,344	-
SUCKERS . . . . .	21,100	823	8,700	341	227,400	8,867	-	-	-
WHITEFISH, COMMON . . . . .	-	-	46,300	27,764	-	-	-	-	-
YELLOW PERCH . . . . .	-	-	3,100	559	289,400	52,094	-	-	-
YELLOW PIKE . . . . .	-	-	100	27	1,200	576	-	-	-
TOTAL . . . . .	15,534,500	163,937	12,619,300	157,754	674,800	72,618	26,900	1,344	-

SPECIES	LAKE MICHIGAN - CONTINUED							
	WISCONSIN - 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
ALEWIVES . . . . .	9,600	\$90	200	\$2	-	-	27,831,100	\$278,311
SOWIN . . . . .	(1)	(1)	-	-	-	-	(1)	(1)
BULLHEADS . . . . .	400	52	-	-	-	-	9,600	1,369
SURBOT . . . . .	5,100	118	1,500	33	-	-	29,500	678
CARP . . . . .	300	15	6,500	324	455,100	\$22,756	2,531,200	126,561
CATFISH . . . . .	-	-	-	-	-	-	600	184
CHUS . . . . .	5,054,500	713,421	(1)	2	-	-	5,189,400	720,202
LAKE HERRING . . . . .	1,800	265	2,000	305	-	-	5,700	849
LAKE TROUT . . . . .	100	58	800	461	-	-	900	519
PIKE OR PICKEREL . . . . .	700	133	10,400	2,074	-	-	35,100	7,024
SMELT . . . . .	1,700	87	3,500	178	-	-	123,900	6,197
SUCKERS . . . . .	41,400	1,616	47,700	1,862	-	-	347,300	13,547
WHITEFISH, COMMON . . . . .	100	75	50,700	30,430	-	-	97,300	58,383
MEMONINEE . . . . .	300	53	-	-	-	-	300	53
YELLOW PERCH . . . . .	436,900	78,641	1,700	314	-	-	731,100	131,608
YELLOW PIKE . . . . .	300	166	6,000	2,907	-	-	7,700	3,696
TOTAL . . . . .	5,562,600	794,790	131,000	38,892	455,100	22,756	36,940,700	1,349,181

SPECIES	LAKE SUPERIOR							
	MICHIGAN							
	HAUL SEINES		OTTER TRAWLS		POUND NETS		TRAP NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES . . . . .	-	-	(1)	\$1	-	-	-	-
BURBOT . . . . .	-	-	300	18	-	-	-	-
CHUS . . . . .	-	-	58,000	1,176	-	-	-	-
LAKE HERRING . . . . .	-	-	600	73	-	-	-	-
SMELT . . . . .	-	-	9,400	1,217	6,000	\$768	-	-
SUCKERS . . . . .	-	-	100	5	-	-	-	-
WHITEFISH, COMMON . . . . .	-	-	(1)	10	-	-	106,700	\$64,207
MEMONINEE . . . . .	200	\$39	(1)	2	-	-	-	-
TOTAL . . . . .	200	39	68,400	2,502	6,000	768	106,700	64,207

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

# GREAT LAKES FISHERIES

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## LANDINGS BY LAKE, STATE, AND CATCH BY GEAR, 1967 - Continued

SPECIES	LAKE SUPERIOR - CONTINUED					
	MICHIGAN - CONTINUED					
	FYKE AND HOOP NETS		GILL NETS			
			1-1/4 - 2 INCH MESH		2-1/8 - 3-7/8 INCH MESH	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES . . . . .					(1)	(1)
BURBOT . . . . .	(1)	\$1	-	-	100	\$10
CHUBS . . . . .	-	-	-	-	648,500	86,636
LAKE HERRING . . . . .	-	-	500	\$61	2,707,400	310,124
LAKE TROUT . . . . .	-	-	-	-	(1)	5
PIKE OR PICKEREL . . . . .	-	-	-	-	(1)	1
SAUGER . . . . .	-	-	-	-	(1)	12
SMELT . . . . .	-	-	19,500	2,510	700	92
SUCKERS . . . . .	400	26	(1)	1	2,900	176
WHITEFISH:						
COMMON . . . . .	-	-	-	-	100	54
MENOMINEE . . . . .	-	-	(1)	1	9,100	1,491
YELLOW PERCH . . . . .	-	-	-	-	1,400	267
YELLOW PIKE . . . . .	-	-	-	-	(1)	4
TOTAL . . . . .	400	27	20,000	2,573	3,370,200	398,692

SPECIES	LAKE SUPERIOR - CONTINUED					
	MICHIGAN - CONTINUED					
	GILL NETS - CONTINUED				TOTAL	
	4 - 7 INCH MESH		7-1/8 - 14 INCH MESH			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES . . . . .	(1)	(1)	-	-	(1)	\$1
BURBOT . . . . .	600	\$46	-	-	1,000	75
CHUBS . . . . .	700	93	-	-	707,200	87,905
LAKE HERRING . . . . .	1,700	194	-	-	2,710,200	310,452
LAKE TROUT . . . . .	139,300	84,844	3,700	\$2,225	143,000	87,074
PIKE OR PICKEREL . . . . .	(1)	1	-	-	(1)	2
SAUGER . . . . .	100	20	-	-	100	32
SMELT . . . . .	(1)	4	-	-	35,600	4,591
SUCKERS . . . . .	15,200	929	-	-	18,600	1,137
WHITEFISH:						
COMMON . . . . .	256,400	154,335	300	201	363,500	218,607
MENOMINEE . . . . .	400	65	-	-	9,700	1,598
YELLOW PERCH . . . . .	100	8	-	-	1,500	295
YELLOW PIKE . . . . .	500	250	-	-	500	254
TOTAL . . . . .	415,000	240,789	4,000	2,426	3,990,900	712,223

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)	-	-	1,400	\$32
CATFISH . . . . .	(1)	(1)	-	-	-	-
CHUBS . . . . .	-	-	-	-	910,000	132,038
LAKE HERRING . . . . .	(1)	\$3	-	-	492,200	49,216
LAKE TROUT . . . . .	-	-	-	-	100	55
PIKE OR PICKEREL . . . . .	500	120	-	-	-	-
SMELT . . . . .	438,500	21,924	25,400	\$1,271	100	4
SUCKERS . . . . .	11,700	456	-	-	2,700	104
WHITEFISH:						
COMMON . . . . .	46,700	28,048	-	-	(1)	5
MENOMINEE . . . . .	-	-	-	-	16,000	2,397
YELLOW PERCH . . . . .	300	51	-	-	-	-
YELLOW PIKE . . . . .	300	114	-	-	-	-
TOTAL . . . . .	498,000	50,716	25,400	1,271	1,422,500	183,651

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

## GREAT LAKES FISHERIES

## LANDINGS BY LAKE, STATE, AND CATCH BY GEAR, 1967 - Continued

SPECIES	LAKE SUPERIOR - CONTINUED					
	WISCONSIN - CONTINUED					
	GILL NETS - CONTINUED				TOTAL	
	4 - 7 INCH MESH					
	POUNDS	VALUE		POUNDS	VALUE	
BURBOT . . . . .	1,600	\$37		3,000	\$69	
CARP . . . . .	(1)	- 1		(1)	1	
CATFISH . . . . .				(1)	(1)	
CHUBS . . . . .	400	53		910,400	132,091	
LAKE HERRING . . . . .	1,300	132		493,500	49,351	
LAKE TROUT . . . . .	52,700	34,245		52,800	34,300	
PIKE OR PICKEREL . . . . .	-	-		500	120	
SMELT . . . . .	500	28		464,500	23,227	
SUCKERS . . . . .	5,600	220		20,000	780	
WHITEFISH:						
COMMON . . . . .	41,700	24,996		88,400	53,049	
MENOMINEE . . . . .	200	28		16,200	2,425	
YELLOW PERCH . . . . .	-	-		300	51	
YELLOW PIKE . . . . .	-	-		300	114	
TOTAL . . . . .	104,000	59,740		2,049,900	295,578	

SPECIES	LAKE SUPERIOR - CONTINUED					
	MINNESOTA					
	OTTER TRAWLS		POUND NETS		GILL NETS	
					2-1/8 - 3-7/8 INCH MESH	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BURBOT . . . . .	100	\$3	-	-	10,100	\$315
CHUBS . . . . .	7,200	857	-	-	244,000	29,243
LAKE HERRING . . . . .	1,400	154	-	-	582,300	64,046
SMELT . . . . .	107,800	2,695	888,000	\$22,205	-	-
SUCKERS . . . . .	300	9	-	-	-	400
WHITEFISH, MENOMINEE . . . . .	-	-	-	-	2,600	-
TOTAL . . . . .	116,800	3,718	888,000	22,205	839,000	94,004

SPECIES	LAKE SUPERIOR - CONTINUED				LAKE OF THE WOODS	
	MINNESOTA - CONTINUED					
	GILL NETS - CONTINUED		TOTAL		POUND NETS	
	4 - 7 INCH MESH					
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BULLHEADS . . . . .	-	-	-	-	(1)	(1)
BURBOT . . . . .	-	-	10,200	\$318	-	-
CHUBS . . . . .	-	-	251,200	30,100	-	-
LAKE HERRING . . . . .	-	-	583,700	64,200	-	-
LAKE TROUT . . . . .	5,000	\$2,800	5,000	2,800	-	-
PIKE OR PICKEREL . . . . .	-	-	-	-	500	\$28
SAUGER . . . . .	-	-	-	-	100	6
SMELT . . . . .	-	-	995,800	24,900	-	-
SUCKERS . . . . .	-	-	300	9	200	5
TULLIBEE . . . . .	-	-	-	-	200	6
WHITEFISH:						
COMMON . . . . .	5,600	2,900	5,600	2,900	(1)	1
MENOMINEE . . . . .	-	-	2,600	400	-	-
YELLOW PERCH . . . . .	-	-	-	-	(1)	(1)
YELLOW PIKE . . . . .	-	-	-	-	200	46
TOTAL . . . . .	10,600	5,700	1,854,400	125,627	1,200	92

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

# GREAT LAKES FISHERIES

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## LANDINGS BY LAKE, STATE, AND CATCH BY GEAR, 1967 - Continued

SPECIES	LAKE OF THE WOODS - CONTINUED			
	MINNESOTA - CONTINUED			
	TRAP NETS		FYKE AND HOOP NETS	
	POUNDS	VALUE	POUNDS	VALUE
BULLHEADS . . . . .	200	\$16	1,800	\$159
BURBOT . . . . .	132,800	4,668	34,300	1,208
PIKE OR PICKEREL . . . . .	6,400	362	1,600	95
SAUGER . . . . .	7,900	803	1,100	119
SUCKERS . . . . .	3,600	70	2,500	49
TULLIBEE . . . . .	162,600	4,882	500	15
WHITEFISH, COMMON . . . . .	(1)	2	-	-
YELLOW PERCH . . . . .	3,700	290	2,100	162
YELLOW PIKE . . . . .	21,600	4,978	4,000	907
TOTAL . . . . .	338,800	16,091	47,900	2,714

SPECIES	LAKE OF THE WOODS - CONTINUED			
	MINNESOTA - CONTINUED			
	GILL NETS		TOTAL	
	4 - 7 INCH MESH			
POUNDS	VALUE	POUNDS	VALUE	
BULLHEADS . . . . .	300	\$25	2,300	\$200
BURBOT . . . . .	63,300	2,224	230,400	8,100
PIKE OR PICKEREL . . . . .	25,300	1,495	33,800	2,000
SAUGER . . . . .	16,500	1,672	25,600	2,600
SUCKERS . . . . .	179,500	3,576	185,800	3,700
TULLIBEE . . . . .	699,500	20,997	862,500	25,900
WHITEFISH, COMMON . . . . .	(1)	5	(1)	8
YELLOW PERCH . . . . .	22,300	1,748	28,100	2,200
YELLOW PIKE . . . . .	112,400	25,869	138,200	31,800
TOTAL . . . . .	1,119,100	57,611	1,507,000	76,508

SPECIES	NAMAKAN LAKE		RAINY LAKE	
	MINNESOTA		MINNESOTA	
	GILL NETS		GILL NETS	
	4 - 7 INCH MESH		4 - 7 INCH MESH	
POUNDS	VALUE	POUNDS	VALUE	
BURBOT . . . . .	2,000	\$80	7,000	\$200
PIKE OR PICKEREL . . . . .	-	-	4,400	350
SAUGER . . . . .	-	-	(1)	(1)
SUCKERS . . . . .	3,500	140	20,500	800
TULLIBEE . . . . .	12,200	730	10,300	300
WHITEFISH, COMMON . . . . .	16,400	4,420	17,200	4,100
YELLOW PERCH . . . . .	-	-	100	(1)
YELLOW PIKE . . . . .	-	-	7,600	2,100
TOTAL . . . . .	34,100	5,370	67,100	7,650

1/ LESS THAN 50 POUNDS OR 50 CENTES.

# SECTION 9 - MISSISSIPPI RIVER FISHERIES

Commercial landings of fish and shellfish from the waters of the Mississippi River and its tributaries were 80.6 million pounds worth \$8.4 million--31.3 million pounds (28 percent) and \$2.1 million (20 percent) less than in the previous year. The decline was caused chiefly by smaller landings of mussel shells--13.6 million pounds in 1967 compared with 46.4 million in 1966.

Five items--buffalofish, carp, catfish and bullheads, mussel shells, and sheephead accounted for 89 percent of the volume and 86 percent of the value. The catch was made by 12,248 fishermen using one vessel, 9,629 motorboats, and 178 other boats--a decrease of 3,139 fishermen, 1,477 motor boats, and 50 other boats compared with a year earlier.

Wisconsin led in volume of landings with 12.3 million pounds followed by Minnesota and Tennessee with 8.9 million each, Illinois (7.1 million), Louisiana (6.9 million), and Arkansas (6.4 million pounds).

The value of processed products was \$13.6 million--\$860,000 less than in 1966. The value declined in all States except Illinois, Iowa, Louisiana, Minnesota, and Wisconsin. Missouri accounted for 44 percent of the total value; North Dakota, Oklahoma, Tennessee, and Texas together, 22 percent; and Wisconsin, 17 percent.

Beginning with the 1964 report, the Mississippi River section has included some data from river systems not connected with or draining into the Mississippi River as its tributaries. For example, salmon are reported in the section. These were taken from waters draining into the Pacific Ocean. Catches are also reported from river systems draining north into Hudson Bay and south into the Gulf of Mexico.

Condensed summary data on the operating units and landings by States of the Mississippi River Fisheries appearing on the following pages have been previously published in Current Fishery Statistics No. 5090.

The following organizations assisted in collecting data appearing in this section: Alabama Department of Conservation, Division of Game and Fish; Arizona Game and Fish Department; Arkansas Game and Fish Commission, Division of Fisheries; Colorado Game, Fish and Parks Department; Idaho Fish and Game Department; Illinois Department of Conservation, Division of Fisheries; Indiana Department of Conservation, Division of Fish and Game, Section of Fish Management; Iowa State Conservation Commission, Division of Fish and Game; Kansas Forestry, Fish and Game Commission, Fisheries Division; Kentucky Department of Fish and Wildlife Resources; Louisiana Wild Life and Fisheries Commission; Minnesota Department of Conservation, Division of Game and Fish, Section of Fisheries; Mississippi Game and Fish Commission; Missouri Conservation Commission; Montana Department of Fish and Game, Fisheries Management; Nebraska Game, Forestation and Parks Commission, Fishery Division; New Mexico Department of Game and Fish; North Dakota Game and Fish Department, Fisheries Division; Oklahoma Department of Wildlife Conservation, Division of Fisheries; South Dakota Department of Game, Fish and Parks; Tennessee Game and Fish Commission, Fish Management Division; Texas Game and Fish Commission, Inland Fisheries; Utah State Fish and Game Department; Wisconsin Conservation Department, Fish Management Division; Wyoming Game and Fish Commission; and the Tennessee Valley Authority, Fish and Game Branch.



CATFISH

# MISSISSIPPI RIVER FISHERIES

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## SECTIONAL SUMMARIES

### SUMMARY OF LANDINGS, 1967

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

STATE	FISH		SHELLFISH, ETC.		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
ALABAMA . . . . .	2,813	388	2,824	155	5,637	543
ARIZONA . . . . .	21	4	-	-	21	4
ARKANSAS . . . . .	4,832	726	1,559	174	6,391	900
IDAHO . . . . .	3,071	106	-	-	3,071	106
ILLINOIS . . . . .	5,534	607	1,567	132	7,101	739
INDIANA . . . . .	83	14	2,422	313	2,505	327
IOWA . . . . .	3,326	309	(1)	(1)	3,325	309
KANSAS . . . . .	26	8	24	1	50	9
KENTUCKY . . . . .	2,575	528	744	55	3,319	583
LOUISIANA . . . . .	3,953	519	2,945	543	6,898	1,062
MINNESOTA . . . . .	8,827	713	67	3	8,894	716
MISSISSIPPI . . . . .	2,510	451	-	-	2,510	451
MISSOURI . . . . .	2,576	91	50	2	626	93
MONTANA . . . . .	521	63	-	-	521	63
NEBRASKA . . . . .	349	43	-	-	349	43
NEW MEXICO . . . . .	41	9	-	-	41	9
NORTH DAKOTA . . . . .	685	44	-	-	585	44
OHIO . . . . .	-	-	78	7	78	7
OKLAHOMA . . . . .	937	122	76	5	1,013	127
SOUTH DAKOTA . . . . .	4,268	319	-	-	4,268	319
TENNESSEE . . . . .	4,669	557	4,210	394	8,879	951
TEXAS . . . . .	1,443	225	1	(1)	1,444	225
UTAH . . . . .	514	15	114	57	728	72
WISCONSIN . . . . .	12,310	677	6	1	12,316	678
TOTAL . . . . .	63,864	6,538	16,667	1,842	80,571	8,380

1/ LESS THAN 500 POUNDS OR \$500.

### SUMMARY OF OPERATING UNITS, 1967

ITEM	ALABAMA	ARIZONA	ARKANSAS	IDAHO	ILLINOIS
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:					
REGULAR . . . . .	160	-	395	9	175
CASUAL . . . . .	333	3	1,866	182	773
TOTAL . . . . .	493	3	2,261	191	948
BOATS:					
MOTOR . . . . .	493	2	1,674	191	619
OTHER . . . . .	-	-	10	9	1
GEAR:					
HAUL SEINES, COMMON . . . . .	-	-	18	9	24
LENGTH, YARDS . . . . .	-	-	5,100	600	8,516
FYKE AND HOOP NETS, FISH . . . . .	-	-	4,934	-	4,765
POTS AND TRAPS, WIRE . . . . .	-	-	-	-	-
BASKETS . . . . .	145	-	-	-	1,646
GILL NETS, ANCHOR, SET OR STAKE . . . . .	487	30	558	-	68
SQUARE YARDS . . . . .	129,500	9,000	111,600	-	6,520
TRAMMEL NETS . . . . .	68	-	649	-	463
SQUARE YARDS . . . . .	18,000	-	172,634	-	89,588
LINES:					
HAND . . . . .	-	-	-	182	-
HOOKS . . . . .	-	-	-	182	-
LONG OR SET WITH HOOKS . . . . .	2,646	-	2,000	-	544
HOOKS . . . . .	264,600	-	99,900	-	54,228
SNAG . . . . .	780	-	1,315	-	-
HOOKS . . . . .	390,000	-	394,500	-	-
DIP NETS, COMMON . . . . .	7	-	32	-	-
DREDGES, MUSSEL . . . . .	-	-	680	-	-
YARDS AT MOUTH . . . . .	-	-	680	-	-
TONGS . . . . .	-	-	50	-	-
RAKES . . . . .	-	-	25	-	-
CROWFOOT BARS . . . . .	408	-	1,190	-	520
OVING OUTFITS . . . . .	-	-	150	-	-

(CONTINUED ON NEXT PAGE)

## MISSISSIPPI RIVER FISHERIES

## SUMMARY OF OPERATING UNITS, 1967 - Continued

ITEM	INDIANA	IOWA	KANSAS	KENTUCKY	LOUISIANA
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:					
REGULAR . . . . .	33	174	-	157	286
CASUAL . . . . .	899	537	13	657	1,181
TOTAL . . . . .	932	711	13	814	1,467
BOATS:					
MOTOR . . . . .	200	685	13	774	1,459
OTHER . . . . .	-	31	-	-	8
GEAR:					
HAUL SEINES, COMMON . . . . .	-	32	-	-	6
LENGTH, YARDS . . . . .	-	7,866	-	-	3,100
WEIRS . . . . .	-	13	-	-	-
FYKE AND HOOP NETS, FISH.	211	3,293	46	3,376	28,875
POTS AND TRAPS:					
CRAWFISH . . . . .	-	-	-	-	62,158
FISH . . . . .	-	4,182	-	-	195
SHRIMP . . . . .	-	-	-	-	-
GILL NETS, ANCHOR, SET OR STAKE . . . . .	-	393	-	100	1,805
SQUARE YARDS . . . . .	-	27,534	-	18,500	582,716
TRAMMEL NETS . . . . .	-	314	11	260	905
SQUARE YARDS . . . . .	-	62,800	1,390	52,000	199,372
LINES:					
HAND . . . . .	-	-	-	-	199
HOOKS . . . . .	-	-	-	-	199
LONG OR SET WITH HOOKS.	86	1,961	32	2,329	2,337
HOOKS . . . . .	4,820	196,100	250	202,623	318,276
SNAG . . . . .	-	-	-	740	-
HOOKS . . . . .	-	-	-	284,900	-
ELECTRICAL DEVICES . . . . .	-	3	-	-	-
DIP NETS, COMMON . . . . .	-	-	-	15	237
CROWFOOT BARS . . . . .	105	-	-	114	-
GRABS, FROG . . . . .	-	-	-	-	-
ITEM	MINNESOTA	MISSISSIPPI	MISSOURI	MONTANA	NEBRASKA
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:					
REGULAR . . . . .	343	166	29	10	23
CASUAL . . . . .	257	495	258	3	136
TOTAL . . . . .	600	661	287	13	159
BOATS:					
MOTOR . . . . .	306	614	285	10	141
OTHER . . . . .	37	13	-	2	6
GEAR:					
HAUL SEINES, COMMON . . . . .	30	22	3	1	12
LENGTH, YARDS . . . . .	20,123	7,600	216	1,700	1,552
WEIRS . . . . .	40	-	-	-	-
POUND NETS . . . . .	4	-	-	-	-
TRAP NETS . . . . .	120	-	-	9	-
FYKE AND HOOP NETS, FISH.	1,991	3,300	1,006	-	286
POTS AND TRAPS, WIRE BASKETS . . . . .	-	-	-	-	138
GILL NETS, ANCHOR, SET OR STAKE . . . . .	236	877	-	19	-
SQUARE YARDS . . . . .	336,573	335,500	-	5,000	-
TRAMMEL NETS . . . . .	-	124	169	30	142
SQUARE YARDS . . . . .	-	43,950	29,638	6,000	18,602
LINES:					
LONG OR SET WITH HOOKS.	53	1,475	201	-	-
HOOKS . . . . .	13,250	369,300	19,550	-	-
SNAG . . . . .	-	495	-	-	-
HOOKS . . . . .	-	618,700	-	-	-
CROWFOOT BARS . . . . .	12	-	14	-	-

(CONTINUED ON NEXT PAGE)

# MISSISSIPPI RIVER FISHERIES

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## SUMMARY OF OPERATING UNITS, 1967 - Continued

ITEM	NEW MEXICO	NORTH DAKOTA	OHIO	OKLAHOMA	SOUTH DAKOTA
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:					
REGULAR . . . . .	1	4	-	50	13
CASUAL . . . . .	1	18	18	165	63
TOTAL . . . . .	2	22	18	215	76
BOATS:					
MOTOR . . . . .	1	9	18	107	19
OTHER . . . . .	-	1	-	-	8
GEAR:					
HAUL SEINES, COMMON . . . . .	-	2	-	-	6
LENGTH, YARDS . . . . .	-	2,834	-	-	9,600
FYKE AND HOOP NETS, FISH, GILL NETS, ANCHOR, SET OR STAKE . . . . .	105	360	-	-	450
SQUARE YARDS . . . . .	19,740	-	-	344	60
TRAMMEL NETS . . . . .	-	-	-	137,400	24,000
SQUARE YARDS . . . . .	-	-	-	15,370	-
DIP NETS, COMMON . . . . .	-	-	-	6	-
CROWFOOT BARS . . . . .	-	-	36	-	-
ITEM	TENNESSEE	TEXAS	UTAH	WISCONSIN	TOTAL
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS . . . . .	-	-	-	3	3
ON BOATS AND SHORE:					
REGULAR . . . . .	427	90	4	100	2,649
CASUAL . . . . .	732	204	7	775	9,576
TOTAL . . . . .	1,159	294	11	878	12,228
VESSELS, MOTOR . . . . .	-	-	-	1	1
GROSS TONNAGE . . . . .	-	-	-	10	10
BOATS:					
MOTOR . . . . .	1,141	261	3	604	9,629
OTHER . . . . .	-	-	1	51	178
GEAR:					
HAUL SEINES, COMMON . . . . .	-	-	1	47	215
LENGTH, YARDS . . . . .	-	-	400	52,000	121,207
OTTER TRAWLS, FISH, YARDS AT MOUTH . . . . .	-	-	-	2	2
WEIRS . . . . .	-	-	-	30	30
POUND NETS . . . . .	-	-	-	3	56
TRAP NETS . . . . .	-	-	-	-	4
FYKE AND HOOP NETS:				106	235
FISH . . . . .	3,338	286	-	939	57,456
TURTLE . . . . .	100	-	-	-	100
POTS AND TRAPS:					
CRAWFISH . . . . .	-	-	-	-	62,158
FISH . . . . .	-	-	-	-	4,182
SHRIMP . . . . .	-	-	-	-	195
WIRE BASKETS . . . . .	-	-	-	-	1,929
SLAT TRAPS . . . . .	-	-	-	1,410	1,410
GILL NETS, ANCHOR, SET OR STAKE . . . . .	104	639	-	103	5,926
SQUARE YARDS . . . . .	24,095	136,700	-	105,150	2,009,528
TRAMMEL NETS . . . . .	-	766	-	9	4,031
SQUARE YARDS . . . . .	200,600	12,600	-	2,280	925,004
LINES:					
HAND . . . . .	-	-	-	-	381
HOOKS . . . . .	-	-	-	-	381
LONG OR SET WITH HOOKS . . . . .	4,220	594	-	433	19,911
HOOKS . . . . .	384,250	45,425	-	119,791	2,092,362
SNAG . . . . .	721	-	-	-	4,051
HOOKS . . . . .	342,800	-	-	-	2,030,900
ELECTRICAL DEVICES . . . . .	-	-	-	-	3
DIP NETS, COMMON . . . . .	29	-	-	-	326
DREDGES, MUSSEL . . . . .	-	-	-	-	660
YARDS AT MOUTH . . . . .	-	-	-	-	680
TONGS . . . . .	-	-	-	-	50
RAKES . . . . .	-	-	-	-	25
CROWFOOT BARS . . . . .	586	-	-	-	2,985
GRABS, FROG . . . . .	-	-	-	-	137
DIVING OUTFITS . . . . .	-	-	-	-	150

## MISSISSIPPI RIVER FISHERIES

## LANDINGS BY STATES, 1967

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	ALABAMA		ARIZONA		ARKANSAS	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
FISH						
BOWFIN . . . . .	-	-	-	-	11	1
BUFFALOFISH . . . . .	1,271	121	12	2	2,599	390
CARP . . . . .	367	18	9	2	865	43
CATFISH AND BULLHEADS . . . . .	766	230	-	-	864	259
GARFISH . . . . .	-	-	-	-	255	12
GIZZARD SHAD . . . . .	152	6	-	-	-	-
PADDFLEFISH . . . . .	83	7	-	-	18	3
QUILLBACK . . . . .	7	(1)	-	-	66	3
SHEEPSHEAD . . . . .	159	6	-	-	92	11
STURGEON, SHOVELNOSE . . . . .	-	-	-	-	4	1
SUCKERS . . . . .	8	(1)	-	-	58	3
TOTAL FISH . . . . .	2,813	386	21	4	4,832	726
SHELLFISH, ETC.						
MUSSEL SHELLS . . . . .	2,824	155	-	-	1,516	152
PEARLS AND SLUGS . . . . .	-	(1)	-	-	-	-
TURTLES:						
BABY . . . . .	-	-	-	-	4	20
SLIDER . . . . .	-	-	-	-	20	1
SNAPPER . . . . .	-	-	-	-	17	1
SOFT-SHELL . . . . .	-	-	-	-	2	(1)
TOTAL SHELLFISH, ETC.	2,824	155	-	-	1,559	174
GRAND TOTAL . . . . .	5,637	543	21	4	6,391	900
SPECIES	IDAHO		ILLINOIS		INDIANA	
FISH	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
BOWFIN . . . . .	-	-	3	-	-	-
BUFFALOFISH . . . . .	-	-	(1)	215	40	6
CARP . . . . .	1,899	38	2,156	93	5	1
CATFISH AND BULLHEADS . . . . .	-	-	1,903	238	16	5
CHUBS . . . . .	212	4	811	-	-	-
CRAPPIE . . . . .	-	-	(1)	(1)	-	-
EEL, COMMON . . . . .	-	-	1	(1)	-	-
GARFISH . . . . .	-	-	7	(1)	-	-
MOONEYE . . . . .	-	-	2	(1)	-	-
PADDFLEFISH . . . . .	-	-	101	14	(1)	(1)
QUILLBACK . . . . .	-	-	62	4	4	(1)
SALMON, RED OR SOCKEYEE . . . . .	85	47	-	-	-	-
SHEEPSHEAD . . . . .	-	-	473	41	2	(1)
STURGEON, SHOVELNOSE . . . . .	-	-	9	2	6	1
SUCKERS . . . . .	875	17	3	(1)	10	1
YELLOW PERCH . . . . .	-	-	1	(1)	-	-
TOTAL FISH . . . . .	3,071	106	5,534	607	83	14
SHELLFISH, ETC.						
MUSSEL SHELLS . . . . .	-	-	1,560	130	2,422	313
TURTLES, SNAPPER . . . . .	-	-	7	2	-	-
TOTAL SHELLFISH, ETC.	-	-	1,567	132	2,422	313
GRAND TOTAL . . . . .	3,071	106	7,101	739	2,505	327
SPECIES	IOWA		KANSAS		KENTUCKY	
FISH	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
BOWFIN . . . . .	3	(1)	-	-	-	-
BUFFALOFISH . . . . .	1,033	104	6	2	391	51
CARP . . . . .	1,354	36	16	4	241	14
CATFISH AND BULLHEADS . . . . .	461	135	4	2	436	438
EEL, COMMON . . . . .	(1)	(1)	-	-	(1)	(1)
GARFISH . . . . .	-	-	-	-	-	-
GIZZARD SHAD . . . . .	-	-	-	-	366	14
PADDFLEFISH . . . . .	12	2	-	-	40	6
QUILLBACK . . . . .	-	-	(1)	(1)	4	(1)
SHEEPSHEAD . . . . .	404	28	-	-	48	3
STURGEON, SHOVELNOSE . . . . .	13	3	-	-	8	1
SUCKERS . . . . .	46	1	-	-	21	1
TOTAL FISH . . . . .	3,326	309	26	8	2,575	528
SHELLFISH, ETC.						
MUSSEL SHELLS . . . . .	(1)	(1)	24	1	744	55
TURTLES, SNAPPER . . . . .	-	-	-	-	-	-
TOTAL SHELLFISH, ETC.	(1)	(1)	24	1	744	55
GRAND TOTAL . . . . .	3,326	309	50	9	3,319	583

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

# MISSISSIPPI RIVER FISHERIES

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## LANDINGS BY STATES, 1967 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	LOUISIANA		MINNESOTA		MISSISSIPPI	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
FISH						
BOWFIN . . . . .	39	2	34	1	5	(1)
BUFFALOFISH . . . . .	1,493	195	1,322	145	1,359	201
BURBOT . . . . .	-	-	18	(1)	-	-
CARP . . . . .	98	6	3,949	116	365	20
CATFISH AND BULLHEADS . . . . .	947	236	2,371	199	675	222
GARFISH . . . . .	227	17	10	(1)	-	2
GIZZARD SHAD . . . . .	898	19	(1)	-	-	-
HERRING . . . . .	-	-	13	2	-	-
MODNEYE . . . . .	-	-	2	(1)	-	-
PADDLEFISH . . . . .	12	1	-	2	17	2
PIKE OR PICKEREL . . . . .	-	-	18	2	-	-
QUILLBACK . . . . .	-	-	2	(1)	2	(1)
SHEEPSHEAD . . . . .	339	43	145	7	48	4
STURGEON, SHOVELNOSE . . . . .	-	-	-	-	(1)	(1)
SUCKERS . . . . .	-	-	51	1	1	(1)
TULLIBEE . . . . .	-	-	-	(1)	-	-
WHITEFISH, COMMON . . . . .	-	-	5	-	-	-
YELLOW PERCH . . . . .	-	-	243	61	-	-
YELLOW PIKE . . . . .	-	-	643	177	-	-
UNCLASSIFIED, INDUSTRIAL . . . . .	-	-	(1)	(1)	-	-
TOTAL FISH . . . . .	3,933	519	8,827	713	2,510	451
SHELLFISH, ETC.						
CRAWFISH . . . . .	2,902	505	-	-	-	-
SHRIMP . . . . .	4	1	-	-	-	-
MUSSEL SHELLS . . . . .	-	-	64	3	-	-
TURTLES:						
BABY . . . . .	2	23	-	-	-	-
SNAPPER . . . . .	14	3	3	(1)	-	-
FRGGS . . . . .	23	11	-	-	-	-
TOTAL SHELLFISH, ETC.	2,945	543	67	3	-	-
GRAND TOTAL . . . . .	6,898	1,062	8,894	716	2,510	451

SPECIES	MISSOURI		MONTANA		NEBRASKA	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
FISH						
BOWFIN . . . . .	1	(1)	-	-	-	9
BUFFALOFISH . . . . .	147	25	312	45	35	23
CARP . . . . .	208	17	108	3	236	10
CATFISH AND BULLHEADS . . . . .	99	35	7	2	25	-
EEL, COMMON . . . . .	1	(1)	-	-	-	-
GARFISH . . . . .	20	2	-	-	-	-
GIZZARD SHAD . . . . .	-	-	-	-	19	(1)
GOLDFISH . . . . .	-	-	-	-	6	-
MOONEYE . . . . .	-	-	62	12	-	-
PADDLEFISH . . . . .	14	2	-	-	-	-
QUILLBACK . . . . .	20	1	28	1	14	(1)
SHEEPSHEAD . . . . .	59	7	3	(1)	-	-
STURGEON, SHOVELNOSE . . . . .	3	1	-	-	12	(1)
SUCKERS . . . . .	4	1	1	(1)	-	-
TOTAL FISH . . . . .	576	91	521	63	349	43
SHELLFISH, ETC.						
MUSSEL SHELLS . . . . .	50	2	-	-	-	-
TOTAL SHELLFISH, ETC.	50	2	-	-	-	-
GRAND TOTAL . . . . .	626	93	521	63	349	43

SPECIES	NEW MEXICO		NORTH DAKOTA		OHIO	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
FISH						
BUFFALOFISH . . . . .	41	9	252	23	-	-
CARP . . . . .	-	-	109	3	-	-
CATFISH AND BULLHEADS . . . . .	-	-	193	17	-	-
PADDLEFISH . . . . .	-	-	4	(1)	-	-
SHEEPSHEAD . . . . .	-	-	1	(1)	-	-
SUCKERS . . . . .	-	-	1	(1)	-	-
YELLOW PERCH . . . . .	-	-	25	1	-	-
TOTAL FISH . . . . .	41	9	585	44	-	-
SHELLFISH, ETC.						
MUSSEL SHELLS . . . . .	-	-	-	-	78	7
TOTAL SHELLFISH, ETC.	-	-	-	-	78	7
GRAND TOTAL . . . . .	41	9	585	44	78	7

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

## MISSISSIPPI RIVER FISHERIES

## LANDINGS BY STATES, 1967 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	OKLAHOMA		SOUTH DAKOTA		TENNESSEE	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
FISH						
BUFFALOFISH . . . . .	436	61	1,433	143	1,610	153
CARP . . . . .	151	5	1,464	44	1,167	39
CATFISH AND BULLHEADS . . . . .	5	30	1,271	116	1,198	315
CRAPPIE . . . . .	-	-	-	-	44	13
GARFISH . . . . .	-	(1)	-	-	-	-
GIZZARD SHAD . . . . .	100	9	-	-	-	-
MOONEYE OR GOLDEYE . . . . .	9	-	56	14	-	-
PADDLEFISH . . . . .	-	2	-	-	114	15
QUILLBACK . . . . .	126	11	-	-	101	4
SHEEPSHEAD . . . . .	20	3	5	(1)	386	16
SUCKERS . . . . .	-	-	39	2	-	-
WHITE BASS . . . . .	4	1	-	-	29	2
YELLOW BASS . . . . .	-	-	-	-	-	-
TOTAL FISH . . . . .	937	122	4,268	319	4,669	557
SHELLFISH, ETC.						
MUSSEL SHELLS . . . . .	76	5	-	-	4,195	371
PEARLS AND SLUGS . . . . .	-	-	-	-	-	8
TURTLES:						
BABY . . . . .	-	-	-	-	2	13
SNAPPER . . . . .	-	-	-	-	13	2
TOTAL SHELLFISH, ETC.	76	5	-	-	4,210	394
GRAND TOTAL . . . . .	1,013	127	4,268	319	8,879	951
SPECIES	TEXAS				UTAH	
FISH	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
BOWFIN . . . . .	2	(1)	-	-	-	-
BUFFALOFISH . . . . .	972	139	-	-	-	-
CARP . . . . .	93	5	-	614	-	15
CATFISH AND BULLHEADS . . . . .	201	68	-	-	-	-
GARFISH . . . . .	104	7	-	-	-	-
QUILLBACK . . . . .	31	1	-	-	-	-
SHEEPSHEAD . . . . .	33	4	-	-	-	-
SUCKERS . . . . .	7	1	-	-	-	-
TOTAL FISH . . . . .	1,443	225	614	15		
SHELLFISH, ETC.						
ARTEMIA (BRINE SHRIMP) EGGS	-	-	114	57		
TURTLES, SNAPPER . . . . .	1	(1)	-	-		
TOTAL SHELLFISH, ETC.	1	(1)	114	57		
GRAND TOTAL . . . . .	1,444	225	728	72		
SPECIES	WISCONSIN				TOTAL	
FISH	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
BOWFIN . . . . .	9	(1)	107	4		
BUFFALOFISH . . . . .	1,052	126	17,974	2,165		
BURBOT . . . . .	36	4	54	4		
CARP . . . . .	8,288	248	23,501	793		
CATFISH AND BULLHEADS . . . . .	598	153	11,930	2,710		
CHUBS . . . . .	-	-	212	4		
CRAPPIE . . . . .	-	-	44	13		
EEL, COMMON . . . . .	(1)	(1)	2	(1)		
GARFISH . . . . .	6	(1)	671	40		
GIZZARD SHAD . . . . .	11	1	1,566	50		
GOLDFISH . . . . .	-	-	6	(1)		
LAKE HERRING . . . . .	-	-	13	2		
MOONEYE OR GOLDEYE . . . . .	7	(1)	129	26		
PADDLEFISH . . . . .	-	-	424	54		
PIKE OR PICKEREL . . . . .	-	-	18	2		
QUILLBACK . . . . .	21	(1)	488	25		
SALMON, RED OR SOCKEYE . . . . .	-	-	85	47		
SHEEPSHEAD . . . . .	2,174	141	4,391	314		
STURGEON, SHOVELNOSE . . . . .	2	1	45	10		
SUCKERS . . . . .	136	3	1,273	31		
TULLIBEE . . . . .	-	-	1	(1)		

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

# MISSISSIPPI RIVER FISHERIES

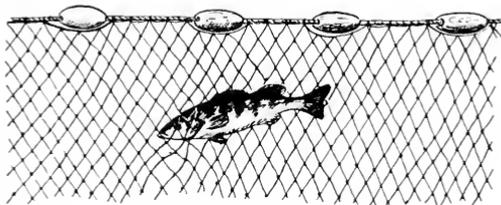
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## LANDINGS BY STATES, 1967 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	WISCONSIN		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE
FISH - CONTINUED				
WHITE BASS . . . . .	-	-	4	1
WHITEFISH, COMMON . . . . .	-	-	5	2
YELLOW BASS . . . . .	-	-	29	2
YELLOW PERCH . . . . .	-	-	269	62
YELLOW PIKE . . . . .	-	-	643	177
UNCLASSIFIED:				
FDR FOOD . . . . .	(1)	(1)	(1)	(1)
FDR INDUSTRIAL USE . . . . .	-	-	(1)	(1)
TOTAL FISH . . . . .	12,310	677	63,884	6,538
SHELLFISH, ETC.				
ARTEMIA (BRINE SHRIMP) EGGS . . . . .	-	-	114	57
CRANFISH . . . . .	-	-	2,902	505
SHRIMP . . . . .	-	-	4	1
MUSSEL SHELLS . . . . .	-	-	13,553	1,194
PEARLS AND SLUGS . . . . .	-	-	-	8
TURTLES:				
BABY . . . . .	-	-	8	56
SLIDER . . . . .	-	-	20	1
SNAPPER . . . . .	6	1	61	9
SOFT-SHELL . . . . .	-	-	2	(1)
FROGS . . . . .	-	-	23	11
TOTAL SHELLFISH, ETC. . . . .	6	1	16,687	1,842
GRAND TOTAL . . . . .	12,316	678	80,571	8,380

1/ LESS THAN 500 POUNDS OR \$500.



GILL NET

## MISSISSIPPI RIVER FISHERIES

SUMMARY OF LANDINGS FROM MAJOR WATERS OF  
CERTAIN INLAND DRAINAGE AREAS, 1967

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	MISSISSIPPI RIVER DRAINAGE AREA					
	MISSISSIPPI RIVER PROPER		ATCHAFALAYA RIVER DRAINAGE AREA		RED RIVER DRAINAGE AREA	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
BOWFIN . . . . .	15	1	5	(1)	10	1
BUFFALOFISH . . . . .	2,770	294	496	65	162	21
CARP . . . . .	5,677	197	23	2	12	1
CATFISH AND BULLHEADS . . . . .	1,753	498	468	130	103	29
CRAPPIE . . . . .	(1)	(1)	-	-	-	-
EEL, COMMON . . . . .	2	(1)	-	-	-	-
GARFISH . . . . .	20	1	74	6	60	4
GIZZARD SHAD . . . . .	-	-	191	4	-	-
MOONEYE . . . . .	7	(1)	-	-	-	-
PADDLEFISH . . . . .	26	(1)	4	(1)	-	(1)
QUILLBACK . . . . .	23	(1)	-	-	1	-
SHEEPSHEAD . . . . .	1,681	121	164	21	11	1
STURGEON, SHOVELNOSE . . . . .	29	7	-	-	-	-
SUCKERS . . . . .	80	2	-	-	-	-
YELLOW PERCH . . . . .	1	(1)	-	-	-	-
UNCLASSIFIED, FOR FOOD . . . . .	(1)	(1)	-	-	-	-
CRAWFISH . . . . .	3	(1)	2,768	482	-	-
SHRIMP . . . . .	2	1	2	(1)	-	-
MUSSEL SHELLS . . . . .	263	12	-	-	-	-
TURTLES:						
BABY . . . . .	-	-	(1)	3	(1)	1
SNAPPER . . . . .	6	1	4	1	(1)	(1)
FROGS . . . . .	(1)	(1)	17	8	1	1
TOTAL . . . . .	12,358	1,138	4,216	722	360	59

SPECIES	MISSISSIPPI RIVER DRAINAGE AREA - CONTINUED					
	RED RIVER DRAINAGE AREA - CONTINUED		ARKANSAS RIVER DRAINAGE AREA		MISSOURI RIVER DRAINAGE AREA	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
BOWFIN . . . . .	26	1	5	(1)	-	-
BUFFALOFISH . . . . .	2,067	292	1,633	244	2,111	229
CARP . . . . .	418	19	549	27	1,795	71
CATFISH AND BULLHEADS . . . . .	531	167	641	196	1,133	121
EEL, COMMON . . . . .	-	-	-	-	(1)	(1)
GARFISH . . . . .	223	13	85	4	5	(1)
GIZZARD SHAD . . . . .	532	11	100	9	19	1
GOLDFISH . . . . .	-	-	-	-	-	(1)
MOONEYE . . . . .	-	-	-	-	118	26
PADDLEFISH . . . . .	9	1	20	4	11	1
QUILLBACK . . . . .	152	12	54	3	53	1
SHEEPSHEAD . . . . .	183	22	56	8	23	1
STURGEON, SHOVELNOSE . . . . .	(1)	(1)	3	1	(1)	(1)
SUCKERS . . . . .	31	2	31	2	53	2
WHITE BASS . . . . .	(1)	(1)	4	1	-	-
CRAWFISH . . . . .	125	22	-	-	-	-
MUSSEL SHELLS . . . . .	-	-	1,220	118	-	-
TURTLES:						
BABY . . . . .	2	18	-	-	-	-
SNAPPER . . . . .	14	2	-	-	-	-
SOFT-SHELL . . . . .	2	(1)	-	-	-	-
FROGS . . . . .	5	2	-	-	-	-
TOTAL . . . . .	4,320	584	4,401	617	5,287	453

SPECIES	MISSISSIPPI RIVER DRAINAGE AREA - CONTINUED					
	OHIO RIVER PROPER		TENNESSEE RIVER DRAINAGE AREA		CUMBERLAND RIVER DRAINAGE AREA	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
BOWFIN . . . . .	(1)	(1)	-	-	-	-
BUFFALOFISH . . . . .	248	30	2,575	242	177	20
CARP . . . . .	24	2	1,209	43	189	7
CATFISH AND BULLHEADS . . . . .	319	93	2,854	820	124	37
EEL, COMMON . . . . .	(1)	(1)	-	-	-	-
GARFISH . . . . .	(1)	(1)	-	-	-	-
GIZZARD SHAD . . . . .	-	-	386	14	-	-
PADDLEFISH . . . . .	-	-	148	19	42	5
QUILLBACK . . . . .	-	-	92	4	1	(1)
SHEEPSHEAD . . . . .	36	2	253	12	20	1
STURGEON, SHOVELNOSE . . . . .	5	1	-	-	(1)	(1)
SUCKERS . . . . .	7	1	8	(1)	2	(1)
YELLOW BASS . . . . .	-	-	(1)	(1)	-	-
MUSSEL SHELLS . . . . .	611	43	4,721	428	40	2
PEARLS AND SLUGS . . . . .	-	-	-	8	-	-
TOTAL . . . . .	1,250	172	12,246	1,590	595	72

(CONTINUED ON NEXT PAGE)

# MISSISSIPPI RIVER FISHERIES

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## SUMMARY OF LANDINGS FROM MAJOR WATERS OF CERTAIN INLAND DRAINAGE AREAS, 1967 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	MISSISSIPPI RIVER DRAINAGE AREA - CONTINUED					
	OHIO RIVER DRAINAGE AREA - CONTINUED				ILLINOIS RIVER DRAINAGE AREA	
	WABASH RIVER DRAINAGE AREA		UNCLASSIFIED			
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
BOWFIN . . . . .	-	-	-	-	1	(1)
BUFFALOFISH . . . . .	44	6	67	9	943	99
CARP . . . . .	13	1	89	6	783	38
CATFISH AND BULLHEADS . . . . .	19	5	66	20	100	26
EEL, COMMON . . . . .	(1)	(1)	-	6	-	-
GIZZARD SHAD . . . . .	-	-	152	3	-	-
PADOLEFISH . . . . .	1	(1)	33	3	3	1
QUILLBACK . . . . .	21	2	3	(1)	2	(1)
SHEEPSHEAD . . . . .	3	(1)	9	1	37	3
STURGEON, SHOVELNOSE . . . . .	6	1	1	(1)	-	-
SUCKERS . . . . .	11	1	12	-	-	-
MUSSEL SHELLS . . . . .	3,065	398	211	19	777	39
TURTLES, SNAPPER . . . . .	-	-	-	-	3	1
<b>TOTAL . . . . .</b>	<b>3,174</b>	<b>414</b>	<b>643</b>	<b>65</b>	<b>2,649</b>	<b>207</b>

SPECIES	MISSISSIPPI RIVER DRAINAGE AREA - CONTINUED				NORTHERN DRAINAGE AREA	
	ST. CROIX RIVER DRAINAGE AREA		UNCLASSIFIED		RED RIVER OF THE NORTH DRAINAGE AREA	
					RED LAKE	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
BOWFIN . . . . .	-	-	35	1	-	-
BUFFALOFISH . . . . .	6	1	4,051	525	-	-
BURBOT . . . . .	-	-	12	(1)	-	-
CARP . . . . .	269	8	6,945	225	-	-
CATFISH AND BULLHEADS . . . . .	(1)	(1)	2,572	458	1	1
CRAPPIE . . . . .	-	-	44	13	-	-
GARFISH . . . . .	1	(1)	133	8	-	-
GIZZARD SHAD . . . . .	2	(1)	175	4	-	-
MODONEY . . . . .	-	-	2	(1)	2	(1)
PADOLEFISH . . . . .	-	-	126	17	-	-
PIKE OR PICKEREL . . . . .	-	-	-	-	18	2
QUILLBACK . . . . .	1	(1)	80	3	-	-
SHEEPSHEAD . . . . .	19	1	495	30	56	2
STURGEON, SHOVELNOSE . . . . .	-	-	1	(1)	-	-
SUCKERS . . . . .	1	(1)	64	1	-	-
TULLIBEE . . . . .	-	-	1	(1)	-	-
WHITEFISH, COMMON . . . . .	-	-	-	-	2	1
YELLOW BASS . . . . .	-	-	29	2	-	-
YELLOW PERCH . . . . .	-	-	33	3	204	57
YELLOW PIKE . . . . .	-	-	-	-	643	177
UNCLASSIFIED, INDUSTRIAL . . . . .	-	-	(1)	(1)	-	-
CRAWFISH . . . . .	-	-	6	1	-	-
MUSSEL SHELLS . . . . .	-	-	396	40	-	-
TURTLES:						
BABY . . . . .	-	-	6	34	-	-
SLIDER . . . . .	-	-	20	1	-	-
SNAPPER . . . . .	-	-	33	4	-	-
FROGS . . . . .	-	-	(1)	(1)	-	-
<b>TOTAL . . . . .</b>	<b>299</b>	<b>10</b>	<b>15,371</b>	<b>1,371</b>	<b>926</b>	<b>240</b>

NORTHERN DRAINAGE AREA - CONTINUED

SPECIES	RED RIVER OF THE NORTH DRAINAGE AREA - CONTINUED		UNCLASSIFIED	
	QUANTITY	VALUE	QUANTITY	VALUE
BOWFIN . . . . .	8	(1)	1	(1)
BUFFALOFISH . . . . .	28	3	96	12
BURBOT . . . . .	5	(1)	36	4
CARP . . . . .	878	26	2,099	63
CATFISH AND BULLHEADS . . . . .	1,111	102	4	1
GARFISH . . . . .	-	-	1	(1)
GIZZARD SHAD . . . . .	-	-	9	1
LAKE HERRING . . . . .	-	-	13	2
MODONEY . . . . .	-	-	(1)	(1)
SHEEPSHEAD . . . . .	21	1	1,315	85
SUCKERS . . . . .	1	(1)	95	2
WHITEFISH, COMMON . . . . .	-	-	3	1
YELLOW PERCH . . . . .	31	2	-	-
TURTLES, SNAPPER . . . . .	1	(1)	(1)	(1)
<b>TOTAL . . . . .</b>	<b>2,084</b>	<b>134</b>	<b>3,672</b>	<b>172</b>

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

## MISSISSIPPI RIVER FISHERIES

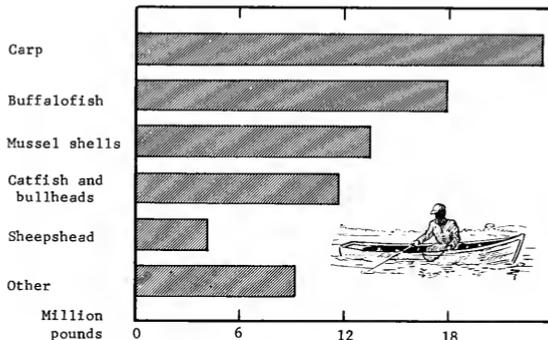
## SUMMARY OF LANDINGS FROM MAJOR WATERS OF CERTAIN INLAND DRAINAGE AREAS, 1967 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	GULF OF MEXICO DRAINAGE AREA		PACIFIC OCEAN DRAINAGE AREA	
	QUANTITY	VALUE	QUANTITY	VALUE
BOWFIN. . . . .	1	(1)	-	-
BUFFALOFISH . . . . .	478	70	12	2
BURBOT. . . . .	1	(1)	-	-
CARP. . . . .	45	2	2,523	55
CATFISH AND BULLHEADS . . . . .	31	6	-	-
CHUBS . . . . .	-	-	212	4
GARFISH . . . . .	69	4	-	-
QUILLBACK . . . . .	6	(1)	-	-
SALMON, RED OR SOCKEYE. . . . .	-	-	85	47
SHEEPSHEAD. . . . .	8	1	-	-
SUCKERS . . . . .	2	(1)	875	17
ARTEMIA (BRINE SHRIMP) EGGS . . . . .	-	-	114	57
MUSSEL SHELLS . . . . .	2,258	95	-	-
TURTLES, SNAPPER. . . . .	(1)	(1)	-	-
TOTAL . . . . .	2,899	178	3,821	182

1/ LESS THAN 500 POUNDS OR \$500.

## MISSISSIPPI RIVER LANDINGS, 1967



# MISSISSIPPI RIVER FISHERIES

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## PROCESSED FISHERY PRODUCTS, 1967

ITEM	STATE	QUANTITY	VALUE
BUFFALO FISH, SMOKED . . . . .	IOWA	POUNDS (1)	(1)
CARP:			
FILLETS, FRESH AND FROZEN . . . . .	IOWA, WISCONSIN	DO (1)	(1)
SMOKED:			
FISH . . . . .	ILLINOIS, IOWA, NORTH DAKOTA, WISCONSIN	DO 167,750	\$60,108
SPECIALTIES (FRANKFURTERS) . . . . .	IOWA	DO (1)	(1)
MEAL AND SCRAP . . . . .	IOWA	TONS (1)	(1)
OIL . . . . .	IOWA	1,000 POUNDS (1)	(1)
CATFISH:			
FILLETS, FRESH AND FROZEN . . . . .	ILLINOIS	POUNDS (1)	(1)
SMOKED . . . . .	IOWA	DO (1)	(1)
CHUBS, SMOKED . . . . .	IOWA	DO 13,955	10,475
COD:			
SMOKED . . . . .	NORTH DAKOTA	DO (1)	(1)
LUTEFISH . . . . .	MINNESOTA	DO (1)	(1)
FLOUNDER SPECIALTIES, FROZEN (BREADED RAW AND STUFFED) . . . . .	TEXAS	DO (1)	(1)
GARFISH, SMOKED . . . . .	LOUISIANA	DO (1)	(1)
HALIBUT, SMOKED . . . . .	NORTH DAKOTA	DO (1)	(1)
HERRING:			
LAKE:			
SALTED . . . . .	IOWA, MINNESOTA	DO (1)	(1)
SMOKED . . . . .	MINNESOTA	DO (1)	(1)
SEA, SALTED . . . . .	MINNESOTA	DO (1)	(1)
LAKE TROUT:			
FILLETS, FRESH . . . . .	ILLINOIS	DO (1)	(1)
SMOKED . . . . .	IOWA, MINNESOTA	DO (1)	(1)
MOONEYE, SMOKED . . . . .	WISCONSIN	DO (1)	(1)
PADDFISH, SMOKED . . . . .	ILLINOIS, IOWA	DO (1)	(1)
PIKE OR PICKEREL:			
FILLETS, FRESH AND FROZEN . . . . .	MINNESOTA	DO (1)	(1)
SALMON, SMOKED . . . . .	IOWA, MINNESOTA, NORTH DAKOTA	DO (1)	(1)
SAUGER FILLETS, FRESH . . . . .	ILLINOIS	DO 13,325	9,801
SHEEPSHEAD, SMOKED . . . . .	IOWA	DO (1)	(1)
STURGEON, SMOKED . . . . .	ILLINOIS, IOWA	DO (1)	(1)
WHITEFISH:			
FILLETS, FRESH . . . . .	ILLINOIS	DO 13,010	10,952
SMOKED . . . . .	IOWA, MINNESOTA, NORTH DAKOTA	DO (1)	(1)
WHITING, SMOKED . . . . .	IOWA, NEBRASKA	DO 75,920	24,672
YELLOW PERCH:			
FILLETS, FRESH . . . . .	ILLINOIS	DO 53,000	24,330
SMOKED . . . . .	IOWA, MINNESOTA	DO (1)	(1)
YELLOW PIKE:			
FILLETS, FRESH AND FROZEN . . . . .	ILLINOIS, MINNESOTA	DO 53,740	42,054
SMOKED . . . . .	MINNESOTA	DO (1)	(1)
CRAB SPECIALTIES, FROZEN (PORTIONS, BREADED RAW) . . . . .	TEXAS	DO (1)	(1)
CRAWFISH:			
WHOLE, BOILED . . . . .	LOUISIANA	DO (1)	(1)
COOKED MEAT, FRESH . . . . .	LOUISIANA	DO 153,600	269,550
SPECIALTIES, FROZEN (PATTIES AND FLAVORING) . . . . .	LOUISIANA	DO (1)	(1)
SHRIMP, FROZEN:			
RAW, HEADLESS . . . . .	LOUISIANA	DO (1)	(1)
PEELED (INCLUDING DEVEINED):			
RAW . . . . .	TENNESSEE	DO (1)	(1)
COOKED . . . . .	TENNESSEE	DO (1)	(1)
BREADED, RAW . . . . .	OKLAHOMA, TENNESSEE, TEXAS, WISCONSIN	DO (1)	(1)
SPECIALTIES (STEAKS, STUFFED, PATTIES, PORTIONS, ETC.) . . . . .	LOUISIANA, MINNESOTA, TEXAS	DO 4,050,871	2,639,091
MUSSEL SHELL, LIME, DUST AND CHIPS . . . . .	IOWA	DO 163,627	119,005
OYSTERS, BREADED RAW, FROZEN . . . . .	TENNESSEE	TONS (1)	(1)
SCALLOPS, SEA, BREADED RAW, FROZEN . . . . .	TENNESSEE, WISCONSIN	POUNDS (1)	(1)
TURTLE MEAT, RAW, FROZEN . . . . .	ILLINOIS, LOUISIANA, WISCONSIN	DO (1)	(1)
UNCLASSIFIED:			
FRESH AND FROZEN PACKAGED FISH:			
STICKS . . . . .	KENTUCKY, MISSOURI, TENNESSEE, WISCONSIN	DO 4,327,238	1,501,114
PORTIONS . . . . .	KENTUCKY, MISSOURI, TENNESSEE, TEXAS, WISCONSIN	DO 17,508,194	5,298,513
FISH AND SHELLFISH . . . . .	IOWA, ILLINOIS, LOUISIANA, MINNESOTA, TENNESSEE, TEXAS, WISCONSIN	DO 2,006,962	845,673
CURED . . . . .	IOWA, ILLINOIS, LOUISIANA, MINNESOTA, NORTH DAKOTA, WISCONSIN	DO 2,408,593	814,389
CANNED . . . . .	KANSAS, NEBRASKA, WISCONSIN	DO STANDARD CASES 268,434	1,887,162
INDUSTRIAL . . . . .	IOWA	-	(2)
TOTAL . . . . .		-	13,577,489

1/ INCLUDED WITH UNCLASSIFIED.

2/ INCLUDED WITH UNCLASSIFIED FISH AND SHELLFISH.

NOTE:--SOME PRODUCTS MAY HAVE BEEN PROCESSED FROM RAW PRODUCTS IMPORTED FROM ANOTHER STATE OR FOREIGN COUNTRY; THEREFORE, THEY CANNOT BE CORRELATED DIRECTLY WITH THE LANDINGS WITHIN THE STATE. CERTAIN ITEMS ARE SHOWN IN AN INTERMEDIATE AND ALSO A MORE ADVANCED STAGE OF PROCESSING.

## MISSISSIPPI RIVER FISHERIES

## SUMMARY OF PROCESSED PRODUCTS, 1967

(THOUSANDS OF DOLLARS)

ITEM	VALUE
PACKAGED:	
FRESH . . . . .	648
FROZEN . . . . .	10,030
CANNED AND INDUSTRIAL . . . . .	1,944
CURED . . . . .	955
TOTAL . . . . .	13,577

## VALUE OF PROCESSED PRODUCTS, BY STATES, 1967

(THOUSANDS OF DOLLARS)

STATE	VALUE
ILLINOIS . . . . .	229
IOWA . . . . .	294
KANSAS, KENTUCKY, NEBRASKA . . . . .	654
LOUISIANA . . . . .	351
MINNESOTA . . . . .	893
MISSOURI . . . . .	5,927
NORTH DAKOTA, OKLAHOMA, TENNESSEE, TEXAS . . . . .	2,928
WISCONSIN . . . . .	2,291
TOTAL . . . . .	13,577

## WHOLESALE AND PROCESSING, 1967

ITEM	ALABAMA	ARKANSAS	ILLINOIS	INDIANA	IOWA	KANSAS	KENTUCKY
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
WHOLESALE AND PROCESSING:							
ESTABLISHMENTS . . . . .	15	32	45	12	29	9	15
PERSONS ENGAGED:							
AVERAGE FOR SEASON . . . . .	104	55	138	103	258	124	136
AVERAGE FOR YEAR . . . . .	88	54	132	96	155	120	124
ITEM	LOUISIANA	MINNESOTA	MISSISSIPPI	MISSOURI	NEBRASKA	NORTH DAKOTA	OHIO
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
WHOLESALE AND PROCESSING:							
ESTABLISHMENTS . . . . .	42	19	18	37	8	5	6
PERSONS ENGAGED:							
AVERAGE FOR SEASON . . . . .	231	151	41	336	41	26	6
AVERAGE FOR YEAR . . . . .	160	113	28	328	39	15	6
ITEM	OKLAHOMA	SOUTH OAKOTA	TENNESSEE	TEXAS	WISCONSIN	TOTAL	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	
WHOLESALE AND PROCESSING:							
ESTABLISHMENTS . . . . .	13	4	38	27	31	405	
PERSONS ENGAGED:							
AVERAGE FOR SEASON . . . . .	59	12	138	526	260	2,745	
AVERAGE FOR YEAR . . . . .	59	11	125	443	238	2,334	

# MISSISSIPPI RIVER FISHERIES

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## ALABAMA

### OPERATING UNITS BY GEAR, 1967

ITEM	POTS AND TRAPS, WIRE BASKETS	GILL NETS, ANCHOR, SET OR STAKE	TRAMMEL NETS	LINES	
				LONG OR SET WITH HOOKS	SNAG
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:					
REGULAR . . . . .	19	45	19	120	75
CASUAL . . . . .	20	38	14	132	82
TOTAL . . . . .	39	83	33	252	157
BOATS, MOTOR, . . . . .	39	83	33	252	157
GEAR:					
NUMBER . . . . .	145	487	68	2,646	780
SQUARE YARDS . . . . .	-	129,500	18,080	-	-
HOOKS . . . . .	-	-	-	264,600	390,000

ITEM	DIP NETS, COMMON		CROWFOOT BARS	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER		
FISHERMEN, ON BOATS AND SHORE:				
REGULAR . . . . .	3		20	160
CASUAL . . . . .	4		184	333
TOTAL . . . . .	7		204	493
BOATS, MOTOR, . . . . .	7		204	493
GEAR, NUMBER, . . . . .	7		408	-

### ALABAMA - LANDINGS OF CATCH BY GEAR, 1967

SPECIES	POTS AND TRAPS, WIRE BASKETS		GILL NETS, ANCHOR, SET OR STAKE		TRAMMEL NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH . . . . .	-	-	998,700	\$95,071	253,000	\$24,084
CARP . . . . .	-	-	257,000	12,220	96,800	4,603
CATFISH AND BULLHEADS . . . . .	21,100	\$6,330	16,700	5,010	6,000	1,800
PADDLEFISH . . . . .	-	-	17,500	1,400	12,000	960
QUILLBACK . . . . .	-	-	6,900	276	-	-
SHEEPSHEAD . . . . .	-	-	95,100	3,814	48,400	1,941
SUCKERS . . . . .	-	-	5,000	230	3,200	148
TOTAL . . . . .	21,100	6,330	1,396,900	118,021	419,400	33,536

SPECIES	LINES			
	LONG OR SET WITH HOOKS		SNAG	
	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH . . . . .	12,000	\$1,142	7,500	\$714
CARP . . . . .	7,000	333	6,500	309
CATFISH AND BULLHEADS . . . . .	574,200	172,260	148,000	44,400
PADDLEFISH . . . . .	500	40	52,800	4,224
SHEEPSHEAD . . . . .	10,200	409	5,000	200
TOTAL . . . . .	603,900	174,184	219,800	49,847

SPECIES	DIP NETS, COMMON		CROWFOOT BARS	
	POUNDS	VALUE	POUNDS	VALUE
GIZZARD SHAD . . . . .	151,600	\$6,062	-	-
MUSSEL SHELLS . . . . .	-	-	2,824,200	\$155,343
PEARLS AND SLUGS . . . . .	-	-	-	33
TOTAL . . . . .	151,600	6,062	2,824,200	155,376

## MISSISSIPPI RIVER FISHERIES

## ALABAMA - LANDINGS BY WATERS, 1967

SPECIES	TENNESSEE RIVER DRAINAGE AREA		OHIO RIVER OR ANIGNE AREA, UNCLASSIFIED		GULF OF MEXICO DRAINAGE AREA	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH . . . . .	1,271,200	\$121,011	-	-	-	-
CARP . . . . .	367,300	17,465	-	-	-	-
CATFISH AND BULLHEADS . . . . .	766,000	229,800	-	-	-	-
GIZZARD SHAD . . . . .	-	-	151,600	\$6,062	-	-
PACDLEFISH . . . . .	52,800	4,224	30,000	2,400	-	-
QUILLBACK . . . . .	6,900	276	-	-	-	-
SHEEPSHEAD . . . . .	158,700	6,364	-	-	-	-
SUCKERS . . . . .	8,200	376	-	-	-	-
MUSSEL SHELLS . . . . .	566,200	60,418	-	-	2,258,000	\$94,925
PEARLS AND SLUGS . . . . .	-	33	-	-	-	-
TOTAL . . . . .	3,197,300	439,969	181,600	8,462	2,258,000	94,925

## ARIZONA

THE COMMERCIAL FISHERIES OF ARIZONA WERE CONFINED TO THE PACIFIC OCEAN DRAINAGE AREA. LANDINGS WERE 12,100 POUNDS OF BUFFALOFISH, VALUED AT \$2,452 AND 9,200 POUNDS OF CARP, VALUED AT \$1,849. THREE CASUAL FISHERMEN EMPLOYING 2 MOTOR BOATS, FISHED 30 GILL NETS (ANCHOR, SET OR STAKE) WITH A TOTAL OF 9,000 SQUARE YARDS.

## ARKANSAS

## OPERATING UNITS BY GEAR, 1967

ITEM	HAUL SEINES, COMMON	FYKE AND HOOP NETS, FISH	GILL NETS, ANCHOR, SET OR STAKE	TRAMMEL NETS	LINES		DIP NETS, COMMON
					LONG OR SET WITH HOOKS	SNAG	
FISHERMEN, ON BOATS AND SHORE:	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
REGULAR . . . . .	20	259	73	77	124	92	12
CASUAL . . . . .	19	327	46	33	115	84	20
TOTAL . . . . .	39	586	119	110	239	176	32
BOATS:							
MOTOR . . . . .	29	586	116	109	236	176	24
OTHER . . . . .	7	2	-	-	-	-	3
GEAR:							
NUMBER . . . . .	18	4,934	558	649	2,000	1,315	32
LENGTH, YARDS . . . . .	5,100	-	-	-	-	-	-
SQUARE YARDS . . . . .	-	-	111,600	172,634	-	-	-
HOOKS . . . . .	-	-	-	-	99,900	394,500	-
ITEM	DREDGES, MUSSEL	TONGS	RAKES	CROWFOOT BARS	DIVING OUTFITS	BY HAND	TOTAL, EX- CLUSIVE OF DUPLI- CATION
FISHERMEN, ON BOATS AND SHORE:	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
REGULAR . . . . .	-	-	-	-	-	-	395
CASUAL . . . . .	680	50	25	1,190	300	680	1,866
TOTAL . . . . .	680	50	25	1,190	300	680	2,261
BOATS:							
MOTOR . . . . .	680	50	25	1,190	150	75	1,674
OTHER . . . . .	-	-	-	-	-	-	10
GEAR:							
NUMBER . . . . .	680	50	25	1,190	150	-	-
YARDS AT MOUTH . . . . .	680	-	-	-	-	-	-

# MISSISSIPPI RIVER FISHERIES

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## ARKANSAS - LANDINGS OF CATCH BY GEAR, 1967

SPECIES	HAUL SEINES, COMMON		FYKE AND HOOP NETS, FISH		GILL NETS, ANCHOR, SET OR STAKE	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN . . . . .	6,200	\$300	3,500	\$200	1,000	\$50
BUFFALOFISH . . . . .	349,000	52,350	1,366,000	204,900	260,000	42,000
CARP . . . . .	60,200	3,000	354,000	17,700	192,000	9,600
CATFISH AND BULLHEADS . . . . .	55,200	16,560	363,500	109,000	100,200	30,060
GARFISH . . . . .	52,000	2,600	54,000	2,700	45,200	2,250
PADDLEFISH . . . . .	500	100	10,700	1,600	3,700	650
QUILLBACK . . . . .	6,500	300	57,700	2,850	-	-
SHEEPSHEAD . . . . .	9,200	1,400	47,700	4,350	13,500	2,000
STURGEON, SHOVELNOSE . . . . .	1,000	200	3,300	660	-	-
SUCKERS . . . . .	-	-	52,700	2,650	5,000	150
TURTLES:						
SLIDER . . . . .	2,000	100	13,500	675	-	-
SNAPPER . . . . .	500	25	6,400	300	1,000	50
<b>TOTAL . . . . .</b>	<b>42,300</b>	<b>76,935</b>	<b>2,333,000</b>	<b>347,635</b>	<b>641,600</b>	<b>86,810</b>

SPECIES	TRAMMEL NETS		LINES			
	POUNDS	VALUE	LONG OR SET WITH HOOKS		SNAG	
			POUNDS	VALUE	POUNDS	VALUE
BOWFIN . . . . .	-	-	500	\$50	-	-
BUFFALOFISH . . . . .	414,500	\$62,200	20,600	3,100	168,300	\$25,250
CARP . . . . .	202,200	10,100	16,300	810	39,900	2,000
CATFISH AND BULLHEADS . . . . .	120,000	36,000	165,700	49,710	59,300	17,810
GARFISH . . . . .	56,100	2,800	11,200	555	36,300	1,800
PADDLEFISH . . . . .	1,000	200	-	-	2,500	400
QUILLBACK . . . . .	1,500	50	-	-	-	-
SHEEPSHEAD . . . . .	16,400	2,460	2,500	350	2,700	250
STURGEON, SHOVELNOSE . . . . .	-	-	-	-	100	20
TURTLES:						
SLIDER . . . . .	1,400	50	-	-	3,300	150
SNAPPER . . . . .	1,300	50	1,500	100	6,500	325
SOFT-SHELL . . . . .	-	-	-	-	1,500	150
<b>TOTAL . . . . .</b>	<b>814,400</b>	<b>113,910</b>	<b>218,300</b>	<b>54,675</b>	<b>320,400</b>	<b>48,155</b>

SPECIES	DIP NETS, COMMON		DREDGES, MUSSEL		TONGS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
MUSSEL SHELLS . . . . .	-	-	450,000	\$45,000	100,000	\$10,000
TURTLES, BABY . . . . .	4,000	\$20,000	-	-	-	-
<b>TOTAL . . . . .</b>	<b>4,000</b>	<b>20,000</b>	<b>450,000</b>	<b>45,000</b>	<b>100,000</b>	<b>10,000</b>

SPECIES	RAKES		CROWFOOT BARS	
	POUNDS	VALUE	POUNDS	VALUE
MUSSEL SHELLS . . . . .	16,500	\$1,650	550,000	\$55,000
<b>TOTAL . . . . .</b>	<b>16,500</b>	<b>1,650</b>	<b>550,000</b>	<b>55,000</b>

SPECIES	DIVING OUTFITS		BY HAND	
	POUNDS	VALUE	POUNDS	VALUE
MUSSEL SHELLS . . . . .	300,000	\$30,000	100,000	\$10,000
<b>TOTAL . . . . .</b>	<b>300,000</b>	<b>30,000</b>	<b>100,000</b>	<b>10,000</b>

## MISSISSIPPI RIVER FISHERIES

## ARKANSAS - LANDINGS BY WATERS, 1967

SPECIES	RED RIVER DRAINAGE AREA, UNCLASSIFIED		ARKANSAS RIVER DRAINAGE AREA		MISSISSIPPI RIVER DRAINAGE AREA, UNCLASSIFIED	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN . . . . .	5,000	\$300	5,000	\$250	1,200	\$50
BUFFALO FISH . . . . .	576,100	86,400	1,512,300	226,900	510,000	76,500
CARP . . . . .	239,500	11,950	495,000	24,750	130,100	6,510
CATFISH AND BULLHEADS . . . . .	141,200	42,350	566,000	169,830	156,700	47,010
GARFISH . . . . .	121,000	6,050	85,100	4,255	48,700	2,400
PADDLEFISH . . . . .	3,700	600	10,700	1,700	4,000	650
QUILLBACK . . . . .	9,700	450	45,500	2,250	10,500	500
SHEEPSHEAD . . . . .	35,300	3,150	44,000	5,900	12,700	1,760
STURGEON, SHOVELNOSE . . . . .	300	60	3,100	620	1,000	200
SUCKERS . . . . .	25,500	1,200	31,000	1,550	1,200	50
MUSSEL SHELLS . . . . .	-	-	1,120,000	112,000	396,500	39,650
TURTLES:						
BABY . . . . .	-	-	-	-	4,000	20,000
SLIDER . . . . .	-	-	-	-	20,200	975
SNAPPER . . . . .	6,500	325	-	-	10,700	525
SOFT-SHELL . . . . .	1,500	150	-	-	-	-
TOTAL . . . . .	1,165,300	152,985	3,917,700	550,005	1,307,500	196,780

## IDAHO

## OPERATING UNITS BY GEAR, 1967

ITEM	HAUL SEINES, COMMON	LINES, HAND	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER
FISHERMEN ON BOATS AND SHORE:			
REGULAR . . . . .	9	-	9
CASUAL . . . . .	-	182	182
TOTAL . . . . .	9	182	191
BOATS:			
MOTOR . . . . .	9	182	191
OTHER . . . . .	-	-	9
GEAR:			
NUMBER . . . . .	9	182	-
LENGTH, YARDS . . . . .	600	-	-
HOOKS . . . . .	-	182	-

## IDAHO - LANDINGS OF CATCH BY GEAR, 1967

SPECIES	HAUL SEINES, COMMON		LINES, HAND	
	POUNDS	VALUE	POUNDS	VALUE
CARP . . . . .	1,899,500	\$37,990	-	-
CHUBS . . . . .	212,000	4,240	-	-
SALMON, RED OR SOCKEYE . . . . .	-	-	84,600	\$46,544
SUCKERS . . . . .	675,000	17,498	-	-
TOTAL . . . . .	2,986,500	59,728	84,600	46,544

NOTE:--THE COMMERCIAL FISHERIES WERE CONFINED TO THE PACIFIC OCEAN DRAINAGE AREA.

# MISSISSIPPI RIVER FISHERIES

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## ILLINOIS

### OPERATING UNITS BY GEAR, 1967

ITEM	HAUL SEINES, COMMON	FYKE AND HOOP NETS, FISH	POTS AND TRAPS, WIRE BASKETS	GILL NETS, ANCHOR, SET OR STAKE	TRAMMEL NETS
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
<b>FISHERMEN, ON BOATS AND SHORE:</b>					
REGULAR . . . . .	30	107	61	16	89
CASUAL . . . . .	24	215	83	18	142
TOTAL . . . . .	54	322	144	34	231
<b>BOATS:</b>					
MOTOR . . . . .	35	281	126	30	197
OTHER . . . . .	1	-	-	-	-
<b>GEAR:</b>					
NUMBER . . . . .	24	4,765	1,646	68	463
LENGTH, YARDS . . . . .	8,516	-	-	6,520	89,688
SQUARE YARDS . . . . .	-	-	-	-	-

ITEM	LINES, LONG OR SET WITH HOOKS	CROWFOOT BARS	BY HAND	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER
<b>FISHERMEN, ON BOATS AND SHORE:</b>				
REGULAR . . . . .	31	40	15	175
CASUAL . . . . .	117	220	290	773
TOTAL . . . . .	148	260	305	948
<b>BOATS:</b>				
MOTOR . . . . .	136	260	-	619
OTHER . . . . .	-	-	-	1
<b>GEAR:</b>				
NUMBER, HOOKS . . . . .	544	520	-	-
HOOKS . . . . .	54,228	-	-	-

### ILLINOIS - LANDINGS OF CATCH BY GEAR, 1967

SPECIES	HAUL SEINES, COMMON		FYKE AND HOOP NETS, FISH		POTS AND TRAPS, WIRE BASKETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN . . . . .	-	-	700	\$42	-	-
BUFFALOFISH . . . . .	120,400	\$10,817	732,100	71,026	-	-
CARP . . . . .	387,000	16,400	695,000	36,661	17,700	\$662
CATFISH AND BULLHEADS . . . . .	4,200	1,250	381,800	111,873	250,300	73,424
CRAPPIE . . . . .	-	-	200	38	-	-
EEL, COMMON . . . . .	-	-	200	36	100	11
GARFISH . . . . .	1,000	31	3,000	93	-	-
MOONEYE . . . . .	-	-	2,300	115	-	-
PADDLEFISH . . . . .	39,800	5,405	6,100	838	-	-
QUILLBACK . . . . .	2,000	87	51,500	3,487	-	-
SHEEPSHEAD . . . . .	55,300	4,736	332,700	28,793	8,900	759
STURGEON, SHOVELNOSE . . . . .	-	-	3,300	725	200	45
SUCKERS . . . . .	-	-	1,100	75	-	-
YELLOW PERCH . . . . .	-	-	-	-	500	75
TURTLES, SNAPPER . . . . .	2,100	463	1,400	308	-	-
TOTAL . . . . .	611,800	39,189	2,211,400	254,110	277,700	75,176

SPECIES	GILL NETS, ANCHOR, SET OR STAKE		TRAMMEL NETS		LINES, LONG OR SET WITH HOOKS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN . . . . .	-	-	2,100	\$96	300	\$15
BUFFALOFISH . . . . .	15,700	\$1,488	1,288,900	131,447	1,200	133
CARP . . . . .	15,900	756	777,900	38,244	8,900	442
CATFISH AND BULLHEADS . . . . .	100	30	37,200	11,108	137,600	40,226
EEL, COMMON . . . . .	-	-	-	-	700	85
GARFISH . . . . .	300	9	2,700	105	-	-
PADDLEFISH . . . . .	15,900	2,159	38,800	5,333	100	14
QUILLBACK . . . . .	1,300	33	7,500	353	-	-
SHEEPSHEAD . . . . .	100	9	68,600	5,914	6,700	582
STURGEON, SHOVELNOSE . . . . .	800	178	4,900	1,091	-	-
SUCKERS . . . . .	-	-	2,200	92	-	-
TURTLES, SNAPPER . . . . .	-	-	-	-	3,300	727
TOTAL . . . . .	50,100	4,662	2,231,000	193,783	158,600	42,224

(CONTINUED ON NEXT PAGE)

## MISSISSIPPI RIVER FISHERIES

## ILLINOIS - LANDINGS OF CATCH BY GEAR, 1967 - Continued

SPECIES	CROWFOOT BARS		BY HAND	
	POUNDS	VALUE	POUNDS	VALUE
MUSSEL SHELLS . . . . .	1,084,400	\$66,710	475,800	\$63,519
TOTAL . . . . .	1,084,400	66,710	475,800	63,519

## ILLINOIS - LANDINGS BY WATERS, 1967

SPECIES	MISSISSIPPI RIVER PROPER		OHIO RIVER DRAINAGE AREA			
			OHIO RIVER PROPER		WABASH RIVER DRAINAGE AREA	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN . . . . .	200	\$12	300	\$15	-	-
BUFFALOFISH . . . . .	949,800	84,676	76,500	9,601	11,100	\$1,431
CARP . . . . .	955,400	46,194	21,800	1,299	10,700	1,070
CATFISH AND BULLHEADS . . . . .	555,900	167,048	121,400	36,517	10,000	2,600
CRAPPIE . . . . .	200	38	-	-	-	-
EEL, COMMON . . . . .	700	77	200	30	100	25
GARFISH . . . . .	4,600	143	200	10	-	-
PADDOLEFISH . . . . .	2,000	300	-	-	100	18
QUILLBACK . . . . .	1,000	50	-	-	16,700	1,837
SHEEPSHEAD . . . . .	424,400	36,593	7,100	611	1,800	234
STURGEON, SHOVELNOSE . . . . .	8,800	1,960	200	27	200	52
SUCKERS . . . . .	500	27	600	46	100	12
YELLOW PERCH . . . . .	500	75	-	-	-	-
MUSSEL SHELLS . . . . .	148,800	6,667	-	-	634,400	84,692
TOTAL . . . . .	3,052,800	343,680	228,300	48,156	685,200	91,971

SPECIES	ILLINOIS RIVER DRAINAGE AREA		MISSISSIPPI RIVER DRAINAGE AREA, UNCLASSIFIED	
	POUNDS	VALUE	POUNDS	VALUE
BOWFIN . . . . .	700	\$42	1,900	\$84
BUFFALOFISH . . . . .	943,000	99,218	177,900	19,985
CARP . . . . .	783,600	38,061	130,900	6,721
CATFISH AND BULLHEADS . . . . .	99,700	25,929	24,200	5,617
GARFISH . . . . .	-	-	2,200	85
MOONEYE . . . . .	-	-	2,300	115
PADDOLEFISH . . . . .	3,400	476	95,200	12,955
QUILLBACK . . . . .	2,000	204	42,600	1,669
SHEEPSHEAD . . . . .	36,900	3,017	2,300	336
SUCKERS . . . . .	-	-	2,100	62
MUSSEL SHELLS . . . . .	777,000	38,850	-	-
TURTLES, SNAPPER . . . . .	3,300	699	3,500	799
TOTAL . . . . .	2,649,600	206,516	485,100	48,650



SUCKER

# MISSISSIPPI RIVER FISHERIES

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## INDIANA OPERATING UNITS BY GEAR, 1967

ITEM	FYKE AND HOOP NETS, FISH	LINES, LONG OR SET WITH HOOKS	CROWFOOT BARS	BY HAND	TOTAL, EX-CLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:					
REGULAR . . . . .	3	2	30	30	33
CASUAL . . . . .	33	30	75	857	899
TOTAL . . . . .	36	32	105	887	932
BOATS, MOTOR . . . . .	36	32	105	50	200
GEAR:					
NUMBER . . . . .	211	86	105	-	-
HOOKS . . . . .	-	4,820	-	-	-

## INDIANA - LANDINGS OF CATCH BY GEAR, 1967

SPECIES	FYKE AND HOOP NETS, FISH		LINES, LONG OR SET WITH HOOKS	
	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH . . . . .	39,600	\$5,445	400	\$55
CARP . . . . .	4,800	390	300	20
CATFISH AND BULLHEADS . . . . .	7,500	2,400	8,300	2,790
PADDELFISH . . . . .	500	62	-	-
QUILLBACK . . . . .	3,600	345	-	-
SHEEPSHEAD . . . . .	1,300	142	800	88
STURGEON, SHOVELNOSE . . . . .	4,100	735	2,000	360
SUCKERS . . . . .	9,100	1,135	1,000	125
TOTAL . . . . .	70,500	10,654	12,800	3,438
SPECIES	CROWFOOT BARS		BY HAND	
	POUNDS	VALUE	POUNDS	VALUE
MUSSEL SHELLS . . . . .	605,800	\$78,352	1,816,000	\$234,873
TOTAL . . . . .	605,800	78,352	1,816,000	234,873

## INDIANA - LANDINGS BY WATERS, 1967

SPECIES	OHIO RIVER PROPER		WABASH RIVER DRAINAGE AREA	
	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH . . . . .	7,500	\$1,125	32,500	\$4,375
CARP . . . . .	2,200	220	2,900	190
CATFISH AND BULLHEADS . . . . .	7,000	2,450	8,800	2,740
PADDELFISH . . . . .	-	-	500	62
QUILLBACK . . . . .	-	-	3,600	345
SHEEPSHEAD . . . . .	900	90	1,200	140
STURGEON, SHOVELNOSE . . . . .	-	-	6,100	1,095
SUCKERS . . . . .	-	-	10,100	1,260
MUSSEL SHELLS . . . . .	-	-	2,421,800	313,225
TOTAL . . . . .	17,600	3,885	2,487,500	323,432

## MISSISSIPPI RIVER FISHERIES

## IOWA

## OPERATING UNITS BY GEAR, 1967

ITEM	HAUL SEINES, COMMON	WEIRS	FYKE AND HOOP NETS, FISH	POTS AND TRAPS, FISH	GILL NETS, ANCHOR, SET OR STAKE
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:					
REGULAR . . . . .	28	7	81	116	44
CASUAL . . . . .	62	4	263	351	116
TOTAL . . . . .	90	11	344	467	160
BOATS:					
MOTOR . . . . .	34	5	344	467	154
OTHER . . . . .	31	-	-	-	-
GEAR:					
NUMBER . . . . .	32	13	3,293	4,182	393
LENGTH, YARDS . . . . .	7,866	-	-	-	-
SQUARE YARDS . . . . .	-	-	-	-	27,534

ITEM	TRAMMEL NETS	LINES, LONG OR SET WITH HOOKS	ELECTRICAL DEVICES	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:				
REGULAR . . . . .	49	97	3	174
CASUAL . . . . .	169	299	3	537
TOTAL . . . . .	218	396	6	711
BOATS:				
MOTOR . . . . .	218	396	3	665
OTHER . . . . .	-	-	-	31
GEAR:				
NUMBER . . . . .	314	1,961	3	-
SQUARE YARDS . . . . .	62,800	-	-	-
HOOKS . . . . .	-	196,100	-	-

## IOWA - LANDINGS OF CATCH BY GEAR, 1967

SPECIES	HAUL SEINES, COMMON		WEIRS		FYKE AND HOOP NETS, FISH	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWF IN. . . . .	-	-	-	-	800	\$20
BUFFALOFISH . . . . .	150,100	\$11,703	2,300	\$67	176,100	18,500
CARP . . . . .	250,300	5,204	104,700	1,000	238,700	7,160
CATFISH AND BULLHEADS . . . . .	4,400	1,313	-	-	154,400	45,197
PADDFLEFISH . . . . .	1,000	111	-	-	2,000	227
SHEEPSHEAD . . . . .	116,800	7,741	-	-	97,900	6,850
STURGEON, SHOVELNOSE . . . . .	-	-	-	-	1,200	302
SUCKERS . . . . .	600	15	-	-	16,200	406
TOTAL . . . . .	523,200	26,087	107,000	1,067	687,300	78,662

SPECIES	POTS AND TRAPS, FISH		GILL NETS, ANCHOR, SET OR STAKE		TRAMMEL NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWF IN. . . . .	1,000	\$26	300	\$8	200	\$5
BUFFALOFISH . . . . .	222,800	23,393	268,000	28,070	210,200	22,081
CARP . . . . .	274,600	8,238	250,100	7,406	207,300	6,218
CATFISH AND BULLHEADS . . . . .	193,000	56,667	5,600	1,647	8,300	2,269
GARFISH . . . . .	100	3	100	2	-	-
PADDFLEFISH . . . . .	1,500	173	3,600	391	3,800	428
SHEEPSHEAD . . . . .	124,500	8,717	25,000	1,747	19,600	1,373
STURGEON, SHOVELNOSE . . . . .	1,600	385	5,800	1,457	4,600	1,145
SUCKERS . . . . .	20,700	516	4,600	117	3,700	91
TURTLES, SNAPPER . . . . .	100	23	-	-	-	-
TOTAL . . . . .	839,900	98,141	563,100	40,845	457,700	33,610

SPECIES	LINES, LONG OR SET WITH HOOKS		ELECTRICAL DEVICES	
	POUNDS	VALUE	POUNDS	VALUE
BOWF IN. . . . .	600	\$14	-	-
BUFFALOFISH . . . . .	1,700	181	1,600	\$46
CARP . . . . .	25,500	766	3,000	29
CATFISH AND BULLHEADS . . . . .	95,000	27,554	-	-
PADDFLEFISH . . . . .	400	48	-	-
SHEEPSHEAD . . . . .	19,900	1,391	-	-
STURGEON, SHOVELNOSE . . . . .	200	45	-	-
TOTAL . . . . .	143,300	29,999	4,600	75

# MISSISSIPPI RIVER FISHERIES

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## IOWA - LANDINGS BY WATERS, 1967

SPECIES	MISSISSIPPI RIVER PROPER		MISSOURI RIVER DRAINAGE AREA		MISSISSIPPI RIVER DRAINAGE AREA, UNCLASSIFIED	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN . . . . .	2,900	\$73	-	-	-	-
BUFFALOFISH . . . . .	963,700	101,188	56,800	\$2,604	12,300	\$249
CARP . . . . .	1,008,200	30,245	313,300	5,449	32,700	327
CATFISH AND BULLHEADS . . . . .	451,100	132,247	9,600	2,400	-	-
GARFISH . . . . .	200	5	-	-	-	-
PADDLEFISH . . . . .	9,500	1,053	2,800	325	-	-
SHEEPSHEAD . . . . .	396,400	27,741	7,300	78	-	-
STURGEON, SHOVELNOSE . . . . .	13,400	3,334	-	-	-	-
SUCKERS . . . . .	45,800	1,145	-	-	-	-
TURTLES, SNAPPER . . . . .	100	23	-	-	-	-
<b>TOTAL . . . . .</b>	<b>2,891,300</b>	<b>297,054</b>	<b>389,800</b>	<b>10,856</b>	<b>45,000</b>	<b>576</b>

## KANSAS

### OPERATING UNITS BY GEAR, 1967

ITEM	FYKE AND HOOP NETS, FISH	TRAMMEL NETS	LINES, LONG OR SET WITH HOOKS	BY HAND	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE, CASUAL . . . . .	8	11	3	89	102
BOATS, MOTOR . . . . .	8	11	3	-	13
GEAR:					
NUMBER . . . . .	46	11	32	-	-
SQUARE YARDS . . . . .	-	1,390	-	-	-
HOOKS . . . . .	-	-	250	-	-

### KANSAS - LANDINGS OF CATCH BY GEAR, 1967

SPECIES	FYKE AND HOOP NETS, FISH		TRAMMEL NETS	
	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH . . . . .	3,900	\$1,170	1,600	\$480
CARP . . . . .	11,100	2,775	5,100	1,275
CATFISH AND BULLHEADS . . . . .	2,900	1,450	700	350
QUILLBACK . . . . .	100	30	100	30
<b>TOTAL . . . . .</b>	<b>18,000</b>	<b>5,425</b>	<b>7,500</b>	<b>2,135</b>
SPECIES	LINES, LONG OR SET WITH HOOKS		BY HAND	
	POUNDS	VALUE	POUNDS	VALUE
CARP . . . . .	200	\$50	-	-
CATFISH AND BULLHEADS . . . . .	200	100	-	-
MUSSEL SHELLS . . . . .	-	-	24,000	\$1,500
<b>TOTAL . . . . .</b>	<b>400</b>	<b>150</b>	<b>24,000</b>	<b>1,500</b>

### KANSAS - LANDINGS BY WATERS, 1967

SPECIES	ARKANSAS RIVER DRAINAGE AREA		MISSOURI RIVER DRAINAGE AREA	
	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH . . . . .	-	-	5,500	\$1,650
CARP . . . . .	-	-	16,400	4,100
CATFISH AND BULLHEADS . . . . .	-	-	3,800	1,900
QUILLBACK . . . . .	-	-	200	60
MUSSEL SHELLS . . . . .	24,000	\$1,500	-	-
<b>TOTAL . . . . .</b>	<b>24,000</b>	<b>1,500</b>	<b>25,900</b>	<b>7,710</b>

## MISSISSIPPI RIVER FISHERIES

## KENTUCKY

## OPERATING UNITS BY GEAR, 1967

ITEM	FYKE AND HOOP NETS, FISH	GILL NETS, ANCHOR, SET OR STAKE	TRAMMEL NETS	LINES	
				LONG OR SET WITH HOOKS	
	NUMBER	NUMBER	NUMBER	NUMBER	
FISHERMEN, ON BOATS AND SHORE:					
REGULAR . . . . .	75	15	25		70
CASUAL . . . . .	425	20	60		350
TOTAL . . . . .	500	35	85		420
BOATS, MOTOR. . . . .	480	33	81		407
GEAR:					
NUMBER . . . . .	3,376	100	260		2,329
SQUARE YARDS . . . . .	-	18,500	52,000		-
HOOKS . . . . .	-	-	-		202,623
ITEM	LINES - CONTINUED		DIP NETS, COMMON	CROWFOOT BARS	TOTAL, EX- CLUSIVE OF DUPLICATION
	NUMBER	SNAG			
FISHERMEN, ON BOATS AND SHORE:					
REGULAR . . . . .	45		10	20	157
CASUAL . . . . .	160		5	37	657
TOTAL . . . . .	205		15	57	814
BOATS, MOTOR. . . . .	195		-	57	774
GEAR:					
NUMBER . . . . .	740		15	114	-
HOOKS . . . . .	284,900		-	-	-

## KENTUCKY - LANDINGS OF CATCH BY GEAR, 1967

SPECIES	FYKE AND HOOP NETS, FISH		GILL NETS, ANCHOR, SET OR STAKE		TRAMMEL NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALO FISH . . . . .	180,600	\$23,466	33,400	\$4,672	155,400	\$19,768
CARP . . . . .	126,300	7,380	42,800	2,292	54,100	2,681
CATFISH AND BULLHEADS . . . .	376,600	112,660	49,200	15,492	25,400	7,505
PADDLE FISH . . . . .	5,900	825	3,200	468	6,200	880
QUILLBACK . . . . .	3,400	325	-	-	200	10
SHEEPSHEAD . . . . .	29,200	1,623	1,400	74	1,800	101
STURGEON, SHOVELNOSE . . . . .	3,100	640	100	15	1,500	225
SUCKERS . . . . .	16,200	964	-	-	1,300	104
TOTAL . . . . .	741,300	147,683	130,100	23,013	245,900	31,494
SPECIES	LINES					
	LONG OR SET WITH HOOKS		SNAG			
	POUNDS	VALUE	POUNDS	VALUE		
BUFFALO FISH . . . . .	16,400	\$2,238	5,200	\$703		
CARP . . . . .	13,300	770	4,600	258		
CATFISH AND BULLHEADS . . . .	669,600	205,151	315,100	97,074		
EEL, COMMON . . . . .	200	20	-	-		
PADDLE FISH . . . . .	1,600	276	22,900	3,630		
SHEEPSHEAD . . . . .	15,900	672	200	11		
STURGEON, SHOVELNOSE . . . . .	2,900	435	-	-		
SUCKERS . . . . .	2,000	128	1,000	50		
TOTAL . . . . .	721,900	209,690	349,000	101,926		
SPECIES	DIP NETS, COMMON		CROWFOOT BARS			
	POUNDS	VALUE	POUNDS	VALUE		
GIZZARD SHAD . . . . .	386,500	\$13,424	-	-		
MUSSEL SHELLS . . . . .	-	-	744,000	\$55,167		
TOTAL . . . . .	386,500	13,424	744,000	55,167		

# MISSISSIPPI RIVER FISHERIES

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## KENTUCKY - LANDINGS BY WATERS, 1967

SPECIES	MISSISSIPPI RIVER PROPER		OHIO RIVER DRAINAGE AREA			
			OHIO RIVER PROPER		TENNESSEE RIVER DRAINAGE AREA	
			POUNDS	VALUE	POUNDS	VALUE
BUFFALO FISH . . . . .	43,200	\$3,478	164,000	\$19,614	78,700	\$10,861
CARP . . . . .	92,100	4,652	-	-	48,700	2,971
CATFISH AND BULLHEADS . . . . .	18,500	5,950	190,500	54,102	1,124,800	347,000
EEL, COMMON . . . . .	200	20	-	-	-	-
GIZZARD SHAD . . . . .	-	-	-	-	386,500	13,424
PADDFLE FISH . . . . .	13,900	1,634	-	-	18,300	3,211
QUILLBACK . . . . .	500	25	-	-	-	-
SHEEPSHEAD . . . . .	5,000	260	28,200	1,636	4,600	230
STURGEON, SHOVELNOSE . . . . .	1,300	195	4,800	720	-	-
SUCKERS . . . . .	1,000	50	6,300	536	-	-
MUSSEL SHELLS . . . . .	-	-	611,600	42,812	-	-
TOTAL . . . . .	175,700	17,884	1,005,400	119,420	1,661,600	377,697

SPECIES	OHIO RIVER DRAINAGE AREA - CONTINUED			
	CUMBERLAND RIVER DRAINAGE AREA		UNCLASSIFIED	
	POUNDS	VALUE	POUNDS	VALUE
BUFFALO FISH . . . . .	38,500	\$3,390	66,600	\$9,524
CARP . . . . .	10,900	545	89,400	5,413
CATFISH AND BULLHEADS . . . . .	36,200	10,860	65,900	20,370
PADDFLE FISH . . . . .	4,300	774	3,300	660
QUILLBACK . . . . .	-	-	3,100	310
SHEEPSHEAD . . . . .	1,500	75	9,200	460
STURGEON, SHOVELNOSE . . . . .	100	30	1,400	370
SUCKERS . . . . .	1,600	80	11,600	580
MUSSEL SHELLS . . . . .	-	-	132,400	12,355
TOTAL . . . . .	93,100	17,754	382,900	50,042

## LOUISIANA

### OPERATING UNITS BY GEAR, 1967

ITEM	HAUL SEINES, COMMON	FYKE AND HOOP NETS, FISH	POTS AND TRAPS		GILL NETS, ANCHOR, SET OR STAKE
			CRAWFISH	SHRIMP	
			NUMBER	NUMBER	
FISHERMEN, ON BOATS AND SHORE:					
REGULAR . . . . .	16	272	191	16	174
CASUAL . . . . .	-	833	694	13	523
TOTAL . . . . .	16	1,105	-	29	697
BOATS, MOTOR . . . . .	6	1,105	885	29	697
GEAR:					
NUMBER . . . . .	6	28,875	62,158	195	1,805
LENGTH, YARDS . . . . .	3,100	-	-	-	580
SQUARE YARDS . . . . .	-	-	-	-	562,716

ITEM	TRAMMEL NETS	LINES		DIP NETS, COMMON	FROG GRABS	TOTAL, EX- CLUSIVE OF DUPLICATION
		HAND	LONG OR SET WITH HOOKS			
		NUMBER	NUMBER			
FISHERMEN, ON BOATS AND SHORE:						
REGULAR . . . . .	106	20	206	88	78	286
CASUAL . . . . .	345	48	722	149	109	1,181
TOTAL . . . . .	451	68	928	237	187	1,467
BOATS:						
MOTOR . . . . .	451	68	928	223	187	1,459
OTHER . . . . .	-	-	-	8	-	8
GEAR:						
NUMBER . . . . .	905	199	2,337	237	187	-
SQUARE YARDS . . . . .	199,372	-	-	-	-	-
HOOKS . . . . .	-	199	318,275	-	-	-

## MISSISSIPPI RIVER FISHERIES

## LOUISIANA - LANDINGS OF CATCH BY GEAR, 1967

SPECIES	HAUL SEINES, COMMON		FYKE AND HOOP NETS, FISH		POTS AND TRAPS	
	POUNDS	VALUE	POUNDS	VALUE	CRAWFISH	
					POUNDS	VALUE
BOWFIN . . . . .	3,200	\$166	14,900	\$774	-	-
BUFFALOFISH . . . . .	51,900	6,790	617,300	80,745	-	-
CARP . . . . .	6,300	499	33,100	2,012	-	-
CATFISH AND BULLHEADS . . . . .	16,500	4,600	277,700	77,426	-	-
GARFISH . . . . .	9,500	718	51,300	3,880	-	-
GIZZARD SHAD . . . . .	-	-	14,000	292	-	-
PADDLEFISH . . . . .	500	47	4,900	454	-	-
SHEEPSHEAD . . . . .	14,800	1,855	146,000	18,308	2,901,800	\$505,493
CRAWFISH . . . . .	500	116	2,200	510	-	-
TURTLES, SNAPPER . . . . .	-	-	-	-	-	-
TOTAL . . . . .	105,200	14,791	1,161,400	184,403	2,901,800	505,493
SPECIES	POTS AND TRAPS - CONTINUED		GILL NETS, ANCHOR, SET OR STAKE		TRAMMEL NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN . . . . .	-	-	11,900	\$517	9,000	\$467
BUFFALOFISH . . . . .	-	-	481,700	63,003	341,900	44,719
CARP . . . . .	-	-	38,000	2,279	18,900	1,137
CATFISH AND BULLHEADS . . . . .	-	-	160,700	44,808	132,400	36,913
GARFISH . . . . .	-	-	79,200	5,991	69,800	5,279
GIZZARD SHAD . . . . .	-	-	4,000	83	4,000	85
PADDLEFISH . . . . .	-	-	2,900	269	2,400	223
SHEEPSHEAD . . . . .	-	-	104,200	13,071	73,200	9,184
SHRIMP . . . . .	3,600	\$946	-	-	-	-
TURTLES, SNAPPER . . . . .	-	-	2,900	674	1,700	394
TOTAL . . . . .	3,600	946	885,500	130,795	653,300	98,399
SPECIES	LINES					
	HAND		LONG OR SET WITH HOOKS			
	POUNDS	VALUE	POUNDS	VALUE		
CATFISH AND BULLHEADS . . . . .	-	-	259,600	\$72,378		
GARFISH . . . . .	-	-	17,100	1,298		
PADDLEFISH . . . . .	-	-	1,400	129		
SHEEPSHEAD . . . . .	-	-	200	26		
TURTLES, SNAPPER . . . . .	5,400	\$1,258	1,700	394		
TOTAL . . . . .	5,400	1,258	280,000	74,225		
SPECIES	DIP NETS, COMMON		FROG GRABS			
	POUNDS	VALUE	POUNDS	VALUE		
	GIZZARD SHAD . . . . .	876,100	\$18,222	-	-	
TURTLES, BABY . . . . .	1,800	22,500	-	-		
FROGS . . . . .	11,500	5,354	12,200	\$5,404		
TOTAL . . . . .	889,400	45,076	12,200	5,404		

## LOUISIANA - LANDINGS BY WATERS, 1967

SPECIES	MISSISSIPPI RIVER PROPER		ATCHAFALAYA RIVER DRAINAGE AREA	
	POUNDS	VALUE	POUNDS	VALUE
BOWFIN . . . . .	1,600	\$83	5,600	\$292
BUFFALOFISH . . . . .	44,100	5,768	496,300	64,917
CARP . . . . .	3,400	204	23,100	1,394
CATFISH AND BULLHEADS . . . . .	25,900	7,220	468,000	130,479
GARFISH . . . . .	6,400	635	74,000	5,594
GIZZARD SHAD . . . . .	-	-	190,600	3,964
PADDLEFISH . . . . .	500	46	3,600	334
SHEEPSHEAD . . . . .	8,900	1,116	163,600	20,515
CRAWFISH . . . . .	2,600	488	2,768,000	482,185
SHRIMP . . . . .	2,100	552	1,500	394
TURTLES:				
BABY . . . . .	-	-	200	2,500
SNAPPER . . . . .	400	92	4,200	978
FROGS . . . . .	600	275	16,600	7,542
TOTAL . . . . .	98,700	16,483	4,215,500	721,088

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# MISSISSIPPI RIVER FISHERIES

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## LOUISIANA - LANDINGS BY WATERS, 1967 - Continued

SPECIES	RED RIVER DRAINAGE AREA				MISSISSIPPI RIVER DRAINAGE AREA, UNCLASSIFIED	
	OUACHITA RIVER DRAINAGE AREA		UNCLASSIFIED		POUNDS	VALUE
	POUNDS	VALUE	POUNDS	VALUE		
BOWFIN . . . . .	19,700	\$503	19,800	\$1,028	2,300	\$118
BUFFALO FISH . . . . .	102,400	21,242	639,900	83,698	150,100	19,632
CARP . . . . .	12,200	724	33,800	2,051	25,800	1,554
CATFISH AND BULLHEADS . . . . .	102,700	28,636	208,600	58,165	41,700	11,627
GARFISH . . . . .	19,800	4,526	60,700	4,592	24,000	1,819
GIZZARD SHAD . . . . .	-	-	532,000	11,066	175,500	3,650
PADOLEFISH . . . . .	1,200	111	5,700	529	1,100	102
SHEEPSHEAD . . . . .	10,900	1,369	114,400	14,352	40,600	5,092
CRAWFISH . . . . .	-	-	125,000	21,775	6,000	1,045
TURTLES:						
BABY . . . . .	100	1,250	1,400	17,500	100	1,250
SNAPPER . . . . .	200	46	7,700	1,789	1,900	441
FROGS . . . . .	1,000	466	4,900	2,284	400	187
TOTAL . . . . .	360,200	58,873	1,753,900	218,829	469,500	46,517

## MINNESOTA OPERATING UNITS BY GEAR, 1967

ITEM	HAUL SEINES, COMMON	WEIRS	POUND NETS	TRAP NETS	FYKE AND HOOP NETS, FISH
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:					
REGULAR . . . . .	145	18	1	66	120
CASUAL . . . . .	36	-	1	20	30
TOTAL . . . . .	181	18	2	86	150
BOATS:					
MOTOR . . . . .	46	-	1	51	73
OTHER . . . . .	31	-	1	-	6
GEAR:					
NUMBER . . . . .	30	40	-	120	1,991
LENGTH, YARDS . . . . .	20,123	-	4	-	-

ITEM	GILL NETS, COMMON	LINES, LONG OR SET WITH HOOKS	CROWFOOT BARS	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:				
REGULAR . . . . .	118	8	6	343
CASUAL . . . . .	137	45	-	257
TOTAL . . . . .	255	53	6	600
BOATS:				
MOTOR . . . . .	126	53	6	306
OTHER . . . . .	-	-	-	37
GEAR:				
NUMBER . . . . .	236	53	12	-
SQUARE YARDS . . . . .	336,573	-	-	-
HOOKS . . . . .	-	13,250	-	-

## MINNESOTA - LANDINGS OF CATCH BY GEAR, 1967

SPECIES	HAUL SEINES, COMMON		WEIRS		POUND NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN . . . . .	4,400	\$65	-	-	200	\$4
BUFFALO FISH . . . . .	928,300	101,804	22,400	\$2,143	18,300	2,009
BURBOT . . . . .	100	2	-	-	400	9
CARP . . . . .	2,711,800	80,311	257,500	7,072	-	-
CATFISH AND BULLHEADS . . . . .	413,700	35,144	23,000	1,000	-	-
GARFISH . . . . .	8,900	122	-	-	-	-
GIZZARD SHAD . . . . .	100	3	-	-	-	-
QUILLBACK . . . . .	1,000	20	-	-	-	-
SHEEPSHEAD . . . . .	73,000	3,663	-	-	-	-
SUCKERS . . . . .	11,000	212	19,800	358	-	-
TULLIBEE . . . . .	1,000	19	-	-	-	-
YELLOW PERCH . . . . .	3,700	183	1,000	20	-	-
UNCLASSIFIED, INDUSTRIAL . . . . .	400	4	-	-	-	-
TURTLES, SNAPPER . . . . .	400	53	-	-	-	-
TOTAL . . . . .	4,157,800	221,605	323,700	10,593	18,900	2,022

(CONTINUED ON NEXT PAGE)

## MISSISSIPPI RIVER FISHERIES

## MINNESOTA - LANDINGS OF CATCH BY GEAR, 1967 - Continued

SPECIES	TRAP NETS		FYKE AND HOOP NETS, FISH		GILL NETS, ANCHOR, SET OR STAKE	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN . . . . .	10,000	\$166	18,900	\$367	-	-
BUFFALOFISH . . . . .	5,500	1,404	277,000	30,095	70,500	\$7,749
BURBOT . . . . .	-	-	16,700	335	300	6
CARP . . . . .	103,000	2,829	754,400	21,976	116,500	3,495
CATFISH AND BULLHEADS . . . . .	114,900	4,996	1,781,700	147,526	3,500	1,232
GARFISH . . . . .	-	-	-	-	400	4
HERRING, LAKE . . . . .	-	-	-	-	13,104	1,704
MOONEYE . . . . .	-	-	-	-	1,500	83
PIKE OR PICKEREL . . . . .	-	-	-	-	18,000	2,054
QUILLBACK . . . . .	-	-	-	-	800	17
SHEEPSHEAD . . . . .	2,100	122	5,700	309	59,400	2,548
SUCKERS . . . . .	5,000	90	14,800	269	300	9
WHITEFISH, COMMON . . . . .	-	-	-	-	4,700	2,123
YELLOW PERCH . . . . .	6,100	122	28,300	3,458	204,300	57,003
YELLOW PIKE . . . . .	-	-	-	-	642,600	176,860
TURTLES, SNAPPER . . . . .	-	-	2,800	335	-	-
TOTAL . . . . .	246,700	9,731	2,900,300	204,670	1,136,900	254,887

SPECIES	LINES, LONG OR SET WITH HOOKS		CROWFOOT BARS	
	POUNDS	VALUE	POUNDS	VALUE
BOWFIN . . . . .	500	\$5	-	-
BUFFALOFISH . . . . .	400	41	-	-
CARP . . . . .	6,300	190	-	-
CATFISH AND BULLHEADS . . . . .	34,200	9,055	-	-
GARFISH . . . . .	400	4	-	-
SHEEPSHEAD . . . . .	5,200	257	-	-
SUCKERS . . . . .	200	6	-	-
MUSSEL SHELLS . . . . .	-	-	63,800	\$3,350
TOTAL . . . . .	47,200	9,558	63,800	3,350

## MINNESOTA - LANDINGS BY WATERS, 1967

SPECIES	MISSISSIPPI RIVER DRAINAGE AREA					
	MISSISSIPPI RIVER PROPER		ST. CROIX RIVER DRAINAGE AREA		UNCLASSIFIED	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN . . . . .	2,800	\$28	-	-	23,000	\$415
BUFFALOFISH . . . . .	99,600	10,952	5,900	\$646	1,206,300	132,475
BURBOT . . . . .	-	-	-	-	12,400	250
CARP . . . . .	268,600	8,059	268,900	8,067	2,824,100	82,111
CATFISH AND BULLHEADS . . . . .	36,600	9,701	100	19	1,437,200	107,974
GARFISH . . . . .	1,900	19	1,300	13	6,500	98
GIZZARD SHAD . . . . .	-	-	-	-	100	3
QUILLBACK . . . . .	1,000	21	800	16	-	-
SHEEPSHEAD . . . . .	16,700	834	18,600	928	32,800	1,695
SUCKERS . . . . .	400	13	1,100	33	49,500	896
TULLIBEE . . . . .	-	-	-	-	1,000	19
YELLOW PERCH . . . . .	-	-	-	-	33,000	2,681
UNCLASSIFIED, INDUSTRIAL . . . . .	-	-	-	-	400	4
MUSSEL SHELLS . . . . .	63,800	3,350	-	-	-	-
TURTLES, SNAPPER . . . . .	-	-	-	-	2,800	336
TOTAL . . . . .	491,400	32,977	296,700	9,722	5,629,100	328,957

SPECIES	NORTHERN DRAINAGE AREA					
	RED RIVER OF THE NORTH		UNCLASSIFIED		UNCLASSIFIED	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN . . . . .	-	-	8,200	\$164	-	-
BUFFALOFISH . . . . .	-	-	10,600	1,172	-	-
BURBOT . . . . .	-	-	4,900	98	300	\$6
CARP . . . . .	-	-	587,900	17,636	-	-
CATFISH AND BULLHEADS . . . . .	1,300	\$634	895,800	80,625	-	-
HERRING, LAKE . . . . .	-	-	-	-	13,100	1,704
MOONEYE . . . . .	1,500	83	-	-	-	-
PIKE OR PICKEREL . . . . .	18,000	2,054	-	-	-	-
SHEEPSHEAD . . . . .	56,200	2,387	21,100	1,055	-	-
SUCKERS . . . . .	1,800	685	-	-	100	2
WHITEFISH, COMMON . . . . .	204,300	57,003	6,100	1,102	2,900	1,438
YELLOW PERCH . . . . .	642,600	176,860	-	-	-	-
TURTLES, SNAPPER . . . . .	-	-	400	52	-	-
TOTAL . . . . .	925,700	239,706	1,535,000	101,904	16,400	3,150

# MISSISSIPPI RIVER FISHERIES

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## MISSISSIPPI

### OPERATING UNITS BY GEAR, 1967

ITEM	HAUL SEINES, COMMON		FYKE AND HOOP NETS, FISH		GILL NETS, ANCHOR, SET OR STAKE		TRAMMEL NETS	
	NUMBER		NUMBER		NUMBER		NUMBER	
FISHERMEN, ON BOATS AND SHORE:								
REGULAR . . . . .	39		101		153		42	
CASUAL . . . . .	16		260		191		25	
TOTAL . . . . .	55		361		344		67	
BOATS:								
MOTOR . . . . .	29		343		330		66	
OTHER . . . . .	13		-		-		-	
GEAR:								
NUMBER . . . . .	22		3,300		877		124	
LENGTH, YARDS . . . . .	7,600		-		-		-	
SQUARE YARDS . . . . .	-		-		335,500		43,950	

ITEM	LINES				TOTAL, EX-CLUSIVE OF DUPLICATION
	LONG OR SET WITH HOOKS		SNAG		
	NUMBER		NUMBER		
FISHERMEN, ON BOATS AND SHORE:					
REGULAR . . . . .	147		66		166
CASUAL . . . . .	295		87		495
TOTAL . . . . .	442		153		661
BOATS:					
MOTOR . . . . .	410		141		614
OTHER . . . . .	-		-		13
GEAR:					
NUMBER . . . . .	1,475		495		-
HOOKS . . . . .	369,300		618,700		-

### MISSISSIPPI - LANDINGS OF CATCH BY GEAR, 1967

SPECIES	HAUL SEINES, COMMON		FYKE AND HOOP NETS, FISH		GILL NETS, ANCHOR, SET OR STAKE	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN . . . . .	-	-	1,500	\$84	-	-
BUFFALOFISH . . . . .	130,500	\$18,792	430,900	64,510	662,300	\$97,338
CARP . . . . .	18,000	900	138,000	7,560	148,800	7,973
CATFISH AND BULLHEADS . . . . .	500	160	78,600	25,901	60,600	19,855
GARFISH . . . . .	3,500	210	2,000	120	15,000	900
PADDLEFISH . . . . .	-	-	-	-	3,600	372
QUILLBACK . . . . .	500	25	1,800	90	-	-
SHEEPSHEAD . . . . .	1,000	80	12,100	1,061	13,600	1,040
SUCKERS . . . . .	-	-	600	30	-	-
TOTAL . . . . .	154,000	20,167	665,500	99,356	904,100	127,478

SPECIES	LINES							
	TRAMMEL NETS				LONG OR SET WITH HOOKS		SNAG	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE		
BOWFIN . . . . .	-	-	4,000	\$224	-	-	-	
BUFFALOFISH . . . . .	115,800	\$17,720	8,400	1,266	10,100	\$1,533		
CARP . . . . .	49,700	2,709	5,700	315	5,100	276		
CATFISH AND BULLHEADS . . . . .	21,400	7,220	429,400	141,894	85,100	27,353		
GARFISH . . . . .	5,000	300	6,500	390	5,000	300		
PADDLEFISH . . . . .	1,000	100	-	-	11,900	1,175		
SHEEPSHEAD . . . . .	4,900	398	12,400	837	4,300	205		
STURGEON, SHOVELNOSE . . . . .	-	-	100	10	-	-		
TOTAL . . . . .	198,800	28,447	466,500	144,936	121,500	30,842		

## MISSISSIPPI RIVER FISHERIES

## MISSISSIPPI - LANDINGS BY WATERS, 1967

SPECIES	TENNESSEE RIVER DRAINAGE AREA		MISSISSIPPI RIVER DRAINAGE AREA, UNCLASSIFIED	
	POUNDS	VALUE	POUNDS	VALUE
BOWF IN. . . . .	-	-	5,500	\$308
BUFFALOFISH . . . . .	10,200	\$948	1,348,800	200,211
CARP. . . . .	7,200	346	358,100	19,387
CATFISH AND BULLHEADS . . . . .	43,100	12,930	632,500	209,453
GARFISH . . . . .	-	-	37,000	2,220
PADDLEFISH . . . . .	7,500	727	9,200	920
QUILLBACK . . . . .	-	-	2,300	115
SHEEPSHEAD . . . . .	9,300	353	39,000	3,268
STURGEON, SHOVELNOSE . . . . .	-	-	100	10
SUCKERS . . . . .	-	-	600	30
TOTAL . . . . .	77,300	15,304	2,433,100	435,922

MISSOURI  
OPERATING UNITS BY GEAR, 1967

ITEM	HAUL SEINES, COMMON	FYKE AND HOOP NETS, FISH	TRAMMEL NETS	LINES, LONG OR SET WITH HOOKS	CROWFOOT BARS	TOTAL, EX- CLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:						
REGULAR . . . . .	2	22	24	11	-	29
CASUAL . . . . .	1	117	127	91	7	258
TOTAL . . . . .	3	139	151	102	7	287
BOATS, MOTOR . . . . .	3	137	150	102	7	285
GEAR:						
NUMBER . . . . .	3	1,006	169	201	14	-
LENGTH, YARDS . . . . .	216	-	-	-	-	-
SQUARE YARDS . . . . .	-	-	29,638	-	-	-
HOOKS . . . . .	-	-	-	19,550	-	-

## MISSOURI - LANDINGS OF CATCH BY GEAR, 1967

SPECIES	HAUL SEINES, COMMON		FYKE AND HOOP NETS, FISH		TRAMMEL NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWF IN. . . . .	-	-	200	\$14	200	\$14
BUFFALOFISH . . . . .	500	\$85	72,500	12,325	72,600	12,342
CARP. . . . .	900	72	115,700	9,336	86,100	6,888
CATFISH AND BULLHEADS . . . . .	100	35	42,600	15,023	22,200	7,861
EEL, COMMON . . . . .	-	-	-	-	200	40
GARFISH . . . . .	-	-	800	72	15,600	1,494
PADDLEFISH . . . . .	200	24	3,900	468	9,300	1,116
QUILLBACK . . . . .	200	14	13,100	917	6,700	469
SHEEPSHEAD . . . . .	100	12	35,900	4,306	19,500	2,340
STURGEON, SHOVELNOSE . . . . .	-	-	200	46	2,200	506
SUCKERS . . . . .	-	-	2,500	450	1,100	198
TOTAL . . . . .	2,000	242	289,400	42,959	236,700	33,268
SPECIES	LINES, LONG OR SET WITH HOOKS		CROWFOOT BARS			
	POUNDS	VALUE	POUNDS	VALUE		
BOWF IN. . . . .	100	\$7	-	-		
BUFFALOFISH . . . . .	1,200	204	-	-		
CARP. . . . .	4,000	320	-	-		
CATFISH AND BULLHEADS . . . . .	34,600	12,218	-	-		
EEL, COMMON . . . . .	1,000	200	-	-		
GARFISH . . . . .	2,500	225	-	-		
PADDLEFISH . . . . .	300	36	-	-		
SHEEPSHEAD . . . . .	4,100	492	-	-		
STURGEON, SHOVELNOSE . . . . .	1,000	230	-	-		
MUSSEL SHELLS . . . . .	-	-	50,000	\$2,125		
TOTAL . . . . .	48,800	13,932	50,000	2,125		

# MISSISSIPPI RIVER FISHERIES

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## MISSOURI - LANDINGS BY WATERS, 1967

SPECIES	MISSISSIPPI RIVER PROPER		MISSOURI RIVER DRAINAGE AREA		MISSISSIPPI RIVER DRAINAGE AREA, UNCLASSIFIED	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN . . . . .	200	\$14	-	-	300	\$21
BUFFALOFISH . . . . .	102,100	17,357	41,900	\$7,123	2,800	476
CARP . . . . .	136,500	10,920	68,500	5,480	2,700	216
CATFISH AND BULLHEADS . . . . .	71,300	25,083	27,800	9,918	400	136
EEL, COMMON . . . . .	900	180	300	60	-	-
GARFISH . . . . .	-	-	5,200	468	14,700	1,323
PADOLEFISH . . . . .	-	-	4,000	480	9,700	1,164
QUILLBACK . . . . .	-	-	10,900	763	9,100	637
SHEEPSHEAD . . . . .	-	-	6,600	792	53,000	6,360
STURGEON, SHOVELNOSE . . . . .	3,100	713	300	69	-	-
SUCKERS . . . . .	2,200	396	1,200	216	200	36
MUSSEL SHELLS . . . . .	50,000	2,125	-	-	-	-
TOTAL . . . . .	366,300	\$6,788	166,700	25,369	92,900	10,369

## MONTANA OPERATING UNITS BY GEAR, 1967

ITEM	HAUL SEINES, COMMON	TRAP NETS	GILL NETS, ANCHOR, SET OR STAKE	TRAMMEL NETS	TOTAL, EX- CLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:					
REGULAR . . . . .	4	6	8	6	10
CASUAL . . . . .	3	-	-	-	3
TOTAL . . . . .	7	6	8	6	13
BOATS:					
MOTOR . . . . .	4	6	8	6	10
OTHER . . . . .	2	-	-	-	2
GEAR:					
NUMBER . . . . .	1	9	19	30	-
LENGTH, YARDS . . . . .	1,700	-	-	6,000	-
SQUARE YARDS . . . . .	-	-	5,000	-	-

## MONTANA - LANDINGS OF CATCH BY GEAR, 1967

SPECIES	HAUL SEINES, COMMON		TRAP NETS	
	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH . . . . .	4,500	\$226	30,000	\$6,000
CARP . . . . .	108,300	2,435	-	-
MOONEYE . . . . .	100	19	-	-
QUILLBACK . . . . .	2,600	58	-	-
SUCKERS . . . . .	900	22	-	-
TOTAL . . . . .	116,400	2,760	30,000	6,000
SPECIES	GILL NETS, ANCHOR, SET OR STAKE		TRAMMEL NETS	
	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH . . . . .	-	-	277,900	\$39,462
CATFISH AND BULLHEADS . . . . .	-	-	6,500	1,963
MOONEYE . . . . .	61,900	\$11,702	-	-
QUILLBACK . . . . .	-	-	25,300	506
SHEEPSHEAD . . . . .	-	-	3,200	64
TOTAL . . . . .	61,900	11,702	312,900	41,995

NOTE:--THE COMMERCIAL FISHERIES WERE CONFINED TO THE MISSOURI RIVER DRAINAGE AREA.

## MISSISSIPPI RIVER FISHERIES

## NEBRASKA

## OPERATING UNITS BY GEAR, 1967

ITEM	HAUL SEINES, COMMON	FYKE AND HOOP NETS, FISH	POTS AND TRAPS, WIRE BASKETS	TRAMMEL NETS	TOTAL, EX-CLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:					
REGULAR . . . . .	14	28	20	16	23
CASUAL . . . . .	16	69	26	9B	136
TOTAL . . . . .	30	97	46	114	159
BOATS:					
MOTOR . . . . .	14	84	3B	10B	141
OTHER . . . . .	6	-	-	-	6
GEAR:					
NUMBER . . . . .	12	2B6	138	142	-
LENGTH, YARDS . . . . .	1,552	-	-	-	-
SQUARE YARDS . . . . .	-	-	-	18,602	-

## NEBRASKA - LANDINGS OF CATCH BY GEAR, 1967

SPECIES	HAUL SEINES, COMMON		FYKE AND HOOP NETS, FISH	
	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH . . . . .	12,300	\$1,613	6,700	\$2,018
CARP . . . . .	135,500	4,771	44,600	8,039
CATFISH AND BULLHEADS . . . . .	100	56	11,800	4,711
GIZZARD SHAD . . . . .	19,200	480	-	-
GOLDFISH . . . . .	5,600	141	-	-
QUILLBACK . . . . .	7,700	192	1,300	35
SUCKERS . . . . .	11,500	289	-	-
TOTAL . . . . .	191,900	7,541	64,400	14,803
SPECIES	POTS AND TRAPS, WIRE BASKETS		TRAMMEL NETS	
	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH . . . . .	1,100	\$321	15,400	\$4,639
CARP . . . . .	12,100	2,185	45,900	8,267
CATFISH AND BULLHEADS . . . . .	5,700	2,295	7,200	2,905
QUILLBACK . . . . .	-	-	5,200	139
SUCKERS . . . . .	-	-	100	2
TOTAL . . . . .	19,900	4,791	73,800	15,952

NOTE:--THE COMMERCIAL FISHERIES WERE CONFINED TO THE MISSOURI RIVER DRAINAGE AREA.

## NEW MEXICO

THE COMMERCIAL FISHERIES WERE CONFINED TO THE ELEPHANT BUTTE LAKES OF THE RIO GRANDE RIVER DRAINAGE AREA. THE CATCH CONSISTED OF BUFFALOFISH, 40,900 POUNDS, WORTH \$9,417. ONE REGULAR AND ONE CASUAL FISHERMAN EMPLOYING ONE MOTOR BOAT FISHED 105 GILL NETS (ANCHOR, SET OR STAKE) WITH A TOTAL OF 19,740 SQUARE YARDS.

## NORTH DAKOTA

## OPERATING UNITS BY GEAR, 1967

ITEM	HAUL SEINES, COMMON	FYKE AND HOOP NETS, FISH	TOTAL, EX-CLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:			
REGULAR . . . . .	-	4	4
CASUAL . . . . .	10	10	18
TOTAL . . . . .	10	14	22
BOATS:			
MOTOR . . . . .	3	7	9
OTHER . . . . .	1	-	1
GEAR:			
NUMBER . . . . .	2	360	-
LENGTH, YARDS . . . . .	2,834	-	-

# MISSISSIPPI RIVER FISHERIES

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## NORTH DAKOTA - LANDINGS OF CATCH BY GEAR, 1967

SPECIES	HAUL SEINES, COMMON		FYKE AND HOOP NETS, FISH	
	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH . . . . .	72,500	\$5,983	180,200	\$16,564
CARP . . . . .	63,500	1,721	45,700	1,426
CATFISH AND BULLHEADS . . . . .	-	-	193,000	16,607
PADDLEFISH . . . . .	-	-	4,400	451
SHEEPSHEAD . . . . .	-	-	500	26
SUCKERS . . . . .	-	-	700	23
YELLOW PERCH . . . . .	-	-	24,900	1,248
TOTAL . . . . .	135,000	7,704	449,400	36,345

## NORTH DAKOTA - LANDINGS BY WATERS, 1967

SPECIES	MISSOURI RIVER DRAINAGE AREA		RED RIVER OF THE NORTH DRAINAGE AREA, UNCLASSIFIED	
	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH . . . . .	235,700	\$20,937	17,000	\$1,610
CARP . . . . .	36,500	1,165	72,700	1,982
CATFISH AND BULLHEADS . . . . .	79,400	4,751	113,600	11,656
PADDLEFISH . . . . .	4,400	451	-	-
SHEEPSHEAD . . . . .	500	26	-	-
SUCKERS . . . . .	-	-	700	23
YELLOW PERCH . . . . .	-	-	24,900	1,248
TOTAL . . . . .	356,500	27,330	228,900	16,719

## OHIO

THE COMMERCIAL FISHERIES WERE CONFINED TO THE OHIO RIVER DRAINAGE AREA (UNCLASSIFIED). THE CATCH CONSISTED OF 78,400 POUNDS OF MUSSEL SHELLS VALUED AT \$6,664. EIGHTEEN CASUAL FISHERMEN EMPLOYING 18 MOTOR BOATS FISHED 36 CROWFOOT BARS.

## OKLAHOMA OPERATING UNITS BY GEAR, 1967

ITEM	GILL NETS, ANCHOR, SET OR STAKE	TRAMMEL NETS	DIP NETS, COMMON	BY HAND	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:					
REGULAR . . . . .	50	23	3	-	50
CASUAL . . . . .	32	-	3	133	165
TOTAL . . . . .	82	23	6	133	215
BOATS, MOTOR, GEAR:					
NUMBER . . . . .	344	58	6	25	107
SQUARE YARDS . . . . .	137,400	15,370	-	-	-

## OKLAHOMA - LANDINGS OF CATCH BY GEAR, 1967

SPECIES	GILL NETS, ANCHOR, SET OR STAKE		TRAMMEL NETS	
	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH . . . . .	375,600	\$52,584	60,200	\$8,426
CARP . . . . .	130,900	4,224	20,300	623
CATFISH AND BULLHEADS . . . . .	74,700	26,145	11,400	3,990
CARPISH . . . . .	4,500	225	600	40
PADDLEFISH . . . . .	8,000	1,520	600	152
QUILLBACK . . . . .	107,300	9,805	18,600	1,701
SHEEPSHEAD . . . . .	17,200	2,403	2,400	335
WHITE BASS . . . . .	3,900	624	500	60
TOTAL . . . . .	722,100	97,535	115,000	15,350

(CONTINUED ON NEXT PAGE)

## MISSISSIPPI RIVER FISHERIES

## OKLAHOMA - LANDINGS OF CATCH BY GEAR, 1967 - Continued

SPECIES	OIP NETS, COMMON		BY HAND	
	POUNDS	VALUE	POUNDS	VALUE
GIZZARD SHAD. . . . .	100,000	\$8,750	-	-
MUSSEL SHELLS . . . . .	-	-	75,800	\$4,736
TOTAL . . . . .	100,000	8,750	75,800	4,736

## OKLAHOMA - LANDINGS BY WATERS, 1967

SPECIES	REO RIVER AREA		ARKANSAS RIVER AREA	
	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH . . . . .	315,000	\$44,100	120,800	\$16,912
CARP. . . . .	96,600	2,414	54,600	2,433
CATFISH AND BULLHEADS . . . . .	11,700	4,095	74,400	26,040
GARFISH . . . . .	5,300	265	-	-
GIZZARD SHAD. . . . .	-	-	100,000	8,750
PADDLEFISH. . . . .	-	-	8,800	1,672
QUILLBACK . . . . .	117,800	10,755	8,100	751
SHEEPSHEAD . . . . .	8,200	1,148	11,400	1,596
WHITE BASS. . . . .	500	60	3,900	624
MUSSEL SHELLS . . . . .	-	-	75,800	4,736
TOTAL . . . . .	555,100	62,857	457,800	63,516

## SOUTH DAKOTA

## OPERATING UNITS BY GEAR, 1967

ITEM	HAUL SEINES, COMMON	FYKE AND HOOP NETS, FISH	GILL NETS, ANCHOR, SET OR STAKE	TOTAL, EX- CLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:				
REGULAR . . . . .	4	9	9	13
CASUAL . . . . .	56	16	5	63
TOTAL . . . . .	60	25	14	76
BOATS:				
MOTOR . . . . .	8	10	10	19
OTHER . . . . .	8	-	-	8
GEAR:				
NUMBER. . . . .	8	450	60	-
LENGTH, YARDS . . . . .	9,500	-	-	-
SQUARE YARDS. . . . .	-	-	24,000	-

## SOUTH DAKOTA - LANDINGS OF CATCH BY GEAR, 1967

SPECIES	HAUL SEINES, COMMON		FYKE AND HOOP NETS, FISH		GILL NETS, ANCHOR, SET OR STAKE	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH . . . . .	713,600	\$71,360	229,200	\$22,920	469,500	\$48,950
CARP. . . . .	1,300,200	39,006	118,200	3,546	45,700	1,371
CATFISH AND BULLHEADS . . . . .	471,100	42,399	785,500	71,159	14,100	2,357
MOONEYE . . . . .	-	-	16,900	4,225	39,500	9,875
SHEEPSHEAD . . . . .	-	-	1,500	90	3,500	210
SUCKERS . . . . .	1,200	48	11,300	452	26,500	1,060
TOTAL . . . . .	2,486,100	152,813	1,162,600	102,392	618,800	63,823

# MISSISSIPPI RIVER FISHERIES

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## SOUTH DAKOTA - LANDINGS BY WATERS, 1967

SPECIES	MISSOURI RIVER DRAINAGE AREA		MISSISSIPPI RIVER DRAINAGE AREA, UNCLASSIFIED		RED RIVER OF THE NORTH DRAINAGE AREA, UNCLASSIFIED	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH . . . . .	1,423,300	\$142,330	9,000	\$900	-	-
CARP . . . . .	973,900	29,217	272,400	8,172	217,800	\$6,534
CATFISH AND BULLHEADS . . . . .	980,800	89,824	188,200	16,938	101,700	9,153
MOONEYE . . . . .	56,400	14,100	-	-	-	-
SHEEPSHEAD . . . . .	5,000	300	-	-	-	-
SUCKERS . . . . .	39,000	1,560	-	-	-	-
<b>TOTAL . . . . .</b>	<b>3,478,400</b>	<b>277,331</b>	<b>469,600</b>	<b>26,010</b>	<b>319,500</b>	<b>15,687</b>

## TENNESSEE

### OPERATING UNITS BY GEAR, 1967

ITEM	FYKE AND HOOP NETS		GILL NETS, ANCHOR, SET OR STAKE	TRAMMEL NETS
	FISH	TURTLE		
	NUMBER	NUMBER	NUMBER	NUMBER
<b>FISHERMEN, ON BOATS AND SHORE:</b>				
REGULAR . . . . .	140	4	31	148
CASUAL . . . . .	218	10	45	101
<b>TOTAL . . . . .</b>	<b>358</b>	<b>14</b>	<b>76</b>	<b>249</b>
<b>BOATS, MOTOR.</b>	<b>358</b>	<b>14</b>	<b>76</b>	<b>249</b>
<b>GEAR:</b>				
NUMBER . . . . .	3,338	100	104	766
SQUARE YARDS . . . . .	-	-	24,095	200,600

ITEM	LINES		DIP NETS, COMMON	CROWFOOT BARS	TOTAL, EX-CLUSIVE OF DUPLICATION
	LONG OR SET WITH HOOKS	SNAG			
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
<b>FISHERMEN, ON BOATS AND SHORE:</b>					
REGULAR . . . . .	175	84	4	160	427
CASUAL . . . . .	396	119	25	133	732
<b>TOTAL . . . . .</b>	<b>571</b>	<b>203</b>	<b>29</b>	<b>293</b>	<b>1,159</b>
<b>BOATS, MOTOR.</b>	<b>568</b>	<b>203</b>	<b>14</b>	<b>293</b>	<b>1,141</b>
<b>GEAR:</b>					
NUMBER . . . . .	4,220	721	29	586	-
HOOKS . . . . .	364,250	342,800	-	-	-

## TENNESSEE - LANDINGS OF CATCH BY GEAR, 1967

SPECIES	FYKE AND HOOP NETS				GILL NETS, ANCHOR, SET OR STAKE	
	FISH		TURTLE		POUNDS	VALUE
	POUNDS	VALUE	POUNDS	VALUE		
BUFFALOFISH . . . . .	124,200	\$13,012	-	-	120,500	\$11,287
CARP . . . . .	121,700	4,857	-	-	130,800	3,915
CATFISH AND BULLHEADS . . . . .	49,800	13,801	-	-	12,500	3,332
CRAPPIE . . . . .	26,600	7,980	-	-	13,400	4,020
PADOLEFISH . . . . .	100	10	-	-	7,700	1,057
QUILLBACK . . . . .	23,600	1,308	-	-	-	-
SHEEPSHEAD . . . . .	40,600	1,672	-	-	20,200	835
YELLOW BASS . . . . .	18,100	1,530	-	-	-	-
TURTLES, SNAPPER . . . . .	-	-	12,500	\$1,500	-	-
<b>TOTAL . . . . .</b>	<b>403,700</b>	<b>44,170</b>	<b>12,500</b>	<b>1,500</b>	<b>305,100</b>	<b>24,446</b>

SPECIES	TRAMMEL NETS		LINES			
	POUNDS	VALUE	LONG OR SET WITH HOOKS		SNAG	
			POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH . . . . .	1,337,000	\$126,259	14,100	\$1,376	14,500	\$1,502
CARP . . . . .	896,500	28,865	18,600	609	19,300	650
CATFISH AND BULLHEADS . . . . .	135,500	36,894	876,200	227,577	124,700	33,200
CRAPPIE . . . . .	4,400	1,320	-	-	-	-
PADOLEFISH . . . . .	61,700	7,741	1,500	225	42,700	5,884
QUILLBACK . . . . .	71,200	2,903	6,300	286	-	-
SHEEPSHEAD . . . . .	284,300	11,572	35,000	1,592	6,200	240
YELLOW BASS . . . . .	9,300	790	1,700	144	-	-
<b>TOTAL . . . . .</b>	<b>2,799,900</b>	<b>216,344</b>	<b>953,400</b>	<b>231,809</b>	<b>207,400</b>	<b>41,476</b>

(CONTINUED ON NEXT PAGE)

## MISSISSIPPI RIVER FISHERIES

## TENNESSEE - LANDINGS OF CATCH BY GEAR, 1967 - Continued

SPECIES	DIP NETS, COMMON		CROWFOOT BARS	
	POUNDS	VALUE	POUNDS	VALUE
MUSSEL SHELLS . . . . .	-	-	4,195,200	\$370,644
PEARLS AND SLUGS. . . . .	-	-	-	8,339
TURTLES, BABY. . . . .	1,600	\$12,525	-	-
TOTAL . . . . .	1,600	12,525	4,195,200	378,983

## TENNESSEE - LANDINGS BY WATERS, 1967

SPECIES	OHIO RIVER DRAINAGE AREA				MISSISSIPPI RIVER DRAINAGE AREA, UNCLASSIFIED	
	TENNESSEE RIVER DRAINAGE AREA		CUMBERLAND RIVER DRAINAGE AREA		POUNDS	VALUE
	POUNDS	VALUE	POUNDS	VALUE		
BUFFALOFISH . . . . .	1,214,700	\$109,332	139,000	\$14,596	256,600	\$29,508
CARP. . . . .	785,800	21,515	178,300	6,241	222,800	11,140
CATFISH AND BULLHEADS . . . . .	919,400	229,850	87,900	25,930	190,400	59,024
CRAPPIE . . . . .	-	-	-	-	44,400	13,320
PADOLEFISH . . . . .	69,200	10,380	38,100	3,897	6,400	640
QUILLBACK . . . . .	85,000	3,711	1,300	46	14,800	740
SHEEPSHEAD. . . . .	80,700	5,045	18,900	832	286,700	10,034
YELLOW BASS . . . . .	200	8	-	-	28,900	2,456
MUSSEL SHELLS . . . . .	4,155,200	368,144	40,000	2,500	-	-
PEARLS AND SLUGS. . . . .	-	8,339	-	-	-	-
TURTLES: . . . . .	-	-	-	-	-	-
BABY. . . . .	-	-	-	-	1,600	12,525
SNAPPER . . . . .	-	-	-	-	12,500	1,500
TOTAL . . . . .	7,310,200	756,324	503,500	54,042	1,065,100	140,887

TEXAS  
OPERATING UNITS BY GEAR, 1967

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 . . . . .	24	88	15	54	90
CASUAL. . . . .	35	143	17	159	204
TOTAL . . . . .	59	231	32	213	294
BOATS, MOTOR. . . . .	54	212	32	191	261
GEAR:					
NUMBER. . . . .	286	639	63	594	-
SQUARE YARDS. . . . .	-	136,700	12,600	-	-
HOOKS . . . . .	-	-	-	45,425	-

## TEXAS - LANDINGS OF CATCH BY GEAR, 1967

SPECIES	FYKE AND HOOP NETS, FISH		GILL NETS, ANCHOR, SET OR STAKE	
	POUNDS	VALUE	POUNDS	VALUE
BOWFIN. . . . .	2,000	\$100	100	\$5
BUFFALOFISH . . . . .	57,000	8,035	808,500	115,108
CARP. . . . .	3,500	188	76,500	3,856
CATFISH AND BULLHEADS . . . . .	40,100	9,640	28,500	10,080
GARFISH . . . . .	1,000	70	96,100	6,145
QUILLBACK . . . . .	200	10	30,300	1,515
SHEEPSHEAD. . . . .	4,200	542	20,400	2,267
SUCKERS . . . . .	100	10	5,000	445
TURTLES, SNAPPER. . . . .	300	30	200	20
TOTAL . . . . .	108,400	18,625	1,065,600	139,441

(CONTINUED ON NEXT PAGE)

# MISSISSIPPI RIVER FISHERIES

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## TEXAS - LANDINGS OF CATCH BY GEAR, 1967 - Continued

SPECIES	TRAMMEL NETS		LINES, LONG OR SET WITH HOOKS	
	POUNDS	VALUE	POUNDS	VALUE
BUFFALO FISH . . . . .	103,700	\$15,243	3,200	\$480
CARP . . . . .	12,800	640	530	25
CAT FISH AND BULLHEADS . . . . .	20,000	7,015	112,200	41,616
GARFISH . . . . .	5,500	330	1,500	90
SHEEPSHEAD . . . . .	3,600	358	4,900	587
SUCKERS . . . . .	1,700	170	-	-
<b>TOTAL . . . . .</b>	<b>147,300</b>	<b>23,756</b>	<b>122,300</b>	<b>42,798</b>

## TEXAS - LANDINGS BY WATERS, 1967

SPECIES	RED RIVER DRAINAGE AREA, UNCLASSIFIED		GULF OF MEXICO DRAINAGE AREA	
	POUNDS	VALUE	POUNDS	VALUE
BOWFIN . . . . .	1,000	850	1,100	\$55
BUFFALO FISH . . . . .	535,700	78,230	435,700	60,636
CARP . . . . .	48,300	2,415	45,000	2,294
CAT FISH AND BULLHEADS . . . . .	169,700	62,131	31,100	6,220
GARFISH . . . . .	35,600	2,136	68,500	4,499
QUILLBACK . . . . .	24,500	1,225	6,000	300
SHEEPSHEAD . . . . .	24,800	2,841	6,300	913
SUCKERS . . . . .	5,100	510	1,700	115
TURTLES, SNAPPER . . . . .	100	10	400	40
<b>TOTAL . . . . .</b>	<b>844,800</b>	<b>149,548</b>	<b>598,800</b>	<b>75,072</b>

## UTAH OPERATING UNITS BY GEAR, 1967

ITEM	HAUL SEINES, COMMON	BY HAND	TOTAL, EX- CLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:			
REGULAR . . . . .	2	2	4
CASUAL . . . . .	4	3	7
<b>TOTAL . . . . .</b>	<b>6</b>	<b>5</b>	<b>11</b>
BOATS:			
MOTOR . . . . .	3	-	3
OTHER . . . . .	1	-	1
GEAR:			
NUMBER . . . . .	1	-	-
LENGTH, YARDS . . . . .	400	-	-

## UTAH - LANDINGS OF CATCH BY GEAR, 1967

SPECIES	HAUL SEINES, COMMON		BY HAND	
	POUNDS	VALUE	POUNDS	VALUE
CARP . . . . .	614,200	\$15,356	-	-
ARTEMIA (BRINE SHRIMP) . . . . .	-	-	114,200	\$57,120
<b>TOTAL . . . . .</b>	<b>614,200</b>	<b>15,356</b>	<b>114,200</b>	<b>57,120</b>

NOTE: --THE COMMERCIAL FISHERIES WERE CONFINED TO THE PACIFIC OCEAN DRAINAGE AREA.

## MISSISSIPPI RIVER FISHERIES

## WISCONSIN

## OPERATING UNITS BY GEAR, 1967

ITEM	HAUL SEINES, COMMON	OTTER TRAWLS, FISH	WEIRS	TRAP NETS	FYKE AND HOOP NETS, FISH
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS . . . . .	-	3	-	3	-
ON BOATS AND SHORE:					
REGULAR . . . . .	57	3	6	16	15
CASUAL . . . . .	111	-	2	3	29
TOTAL . . . . .	168	6	8	22	44
VESSELS, MOTOR, GROSS TONNAGE . . . . .	-	10	-	10	-
BOATS:					
MOTOR . . . . .	71	1	5	1	32
OTHER . . . . .	51	-	-	1	-
GEAR:					
NUMBER . . . . .	47	20	3	106	939
LENGTH, YARDS . . . . .	52,000	30	-	-	-
ITEM	SLAT TRAPS	GILL NETS, ANCHOR, SET OR STAKE	TRAMMEL NETS	LINES, LONG OR SET WITH HOOKS	TOTAL, EX-CLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS . . . . .	-	-	-	-	3
ON BOATS AND SHORE:					
REGULAR . . . . .	9	27	2	18	100
CASUAL . . . . .	50	122	11	541	775
TOTAL . . . . .	59	149	13	559	878
VESSELS, MOTOR, GROSS TONNAGE . . . . .	-	-	-	-	10
BOATS:					
MOTOR . . . . .	44	95	9	433	604
OTHER . . . . .	-	-	-	-	51
GEAR:					
NUMBER . . . . .	1,410	103	9	433	-
SQUARE YARDS . . . . .	-	105,150	2,280	-	-
HOOKS . . . . .	-	-	-	119,791	-

## WISCONSIN - LANDINGS OF CATCH BY GEAR, 1967

SPECIES	HAUL SEINES, COMMON		OTTER TRAWLS, FISH		WEIRS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN . . . . .	2,500	\$50	-	-	-	-
BUFFALO FISH . . . . .	614,900	73,788	1,100	\$132	37,500	\$4,500
BURBOT . . . . .	29,900	3,588	400	48	-	-
CARP . . . . .	6,313,800	189,414	34,200	1,026	513,400	15,402
CATFISH AND BULLHEADS . . . . .	21,300	5,699	-	-	-	-
GARFISH . . . . .	3,200	64	-	-	-	-
GIZZARD SHAD . . . . .	6,700	402	-	-	3,400	204
MOONEYE . . . . .	6,800	68	-	-	-	-
QUILLBACK . . . . .	10,000	200	-	-	-	-
SHEEPSHEAD . . . . .	895,600	58,214	930,100	60,456	20,200	1,313
SUCKERS . . . . .	36,300	766	-	-	2,300	46
TURTLES, SNAPPER . . . . .	2,200	266	-	-	-	-
TOTAL . . . . .	7,945,200	332,539	965,800	61,662	576,800	21,465
SPECIES	TRAP NETS		FYKE AND HOOP NETS, FISH		SLAT TRAPS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN . . . . .	1,400	\$28	800	\$16	-	-
BUFFALO FISH . . . . .	3,500	420	131,000	15,720	100	\$12
BURBOT . . . . .	5,800	696	-	-	-	-
CARP . . . . .	406,600	12,258	82,800	2,484	2,600	78
CATFISH AND BULLHEADS . . . . .	3,800	950	122,700	30,818	141,800	36,850
EEL, COMMON . . . . .	-	-	100	18	-	-
GARFISH . . . . .	-	-	700	70	-	-
GIZZARD SHAD . . . . .	600	36	-	-	-	-
MOONEYE . . . . .	-	-	100	1	-	-
QUILLBACK . . . . .	-	-	6,500	130	-	-
SHEEPSHEAD . . . . .	234,900	15,268	35,400	2,301	3,300	214
STURGEON, SHOVELNOSE . . . . .	-	-	100	235	-	-
SUCKERS . . . . .	79,100	1,582	12,500	250	400	8
TURTLES, SNAPPER . . . . .	-	-	1,200	156	100	13
TOTAL . . . . .	737,700	31,238	394,900	52,143	148,300	37,175

(CONTINUED ON NEXT PAGE)

# MISSISSIPPI RIVER FISHERIES

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## WISCONSIN - LANDINGS OF CATCH BY GEAR, 1967 - Continued

SPECIES	GILL NETS, ANCHOR, SET OR STAKE		TRAMMEL NETS		LINES, LONG OR SET WITH HOOKS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN . . . . .	400	\$8	-	-	4,300	\$86
BUFFALOFISH . . . . .	252,700	30,324	7,700	\$924	3,500	420
CARP . . . . .	854,900	25,647	2,700	81	45,100	1,353
CATFISH AND BULLHEADS . . . . .	6,200	1,574	1,000	270	300,800	76,395
EEL, COMMON . . . . .	-	-	-	-	200	35
GARFISH . . . . .	700	14	100	2	1,300	26
MOONEYE . . . . .	-	-	-	-	200	2
QUILLBACK . . . . .	4,000	80	100	2	100	2
SHEEPSHEAD . . . . .	19,300	1,254	1,200	78	33,700	2,190
STURGEON, SHOVELNOSE . . . . .	-	-	-	-	1,100	235
SUCKERS . . . . .	1,500	30	400	8	1,100	22
UNCLASSIFIED, FOR FOOD . . . . .	100	8	-	-	-	-
TURTLES, SNAPPER . . . . .	700	91	-	-	2,100	273
TOTAL . . . . .	1,140,500	59,130	13,200	1,365	393,500	81,039

## WISCONSIN - LANDINGS BY WATERS, 1967

SPECIES	MISSISSIPPI RIVER DRAINAGE AREA				NORTHERN DRAINAGE AREA, UNCLASSIFIED	
	MISSISSIPPI RIVER PROPER		UNCLASSIFIED		POUNDS	VALUE
	POUNDS	VALUE	POUNDS	VALUE		
BOWFIN . . . . .	7,000	\$140	900	\$18	1,500	\$30
BUFFALOFISH . . . . .	567,800	68,136	387,700	46,524	96,500	11,580
CARP . . . . .	3,212,500	96,375	2,940,500	88,395	36,100	4,352
CATFISH AND BULLHEADS . . . . .	593,700	151,681	500	125	2,099,100	62,973
EEL, COMMON . . . . .	300	53	-	-	3,400	850
GARFISH . . . . .	5,200	104	300	6	-	10
GIZZARD SHAD . . . . .	-	-	1,700	102	9,000	540
MOONEYE . . . . .	7,000	70	-	-	100	1
QUILLBACK . . . . .	20,700	414	-	-	-	1
SHEEPSHEAD . . . . .	829,500	53,916	29,000	1,885	1,315,200	85,487
STURGEON, SHOVELNOSE . . . . .	2,200	470	-	-	-	-
SUCKERS . . . . .	30,300	606	10,300	206	95,000	1,900
UNCLASSIFIED, FOR FOOD . . . . .	100	8	-	-	-	-
TURTLES, SNAPPER . . . . .	5,100	663	1,000	130	200	26
TOTAL . . . . .	5,281,400	372,636	3,377,900	137,391	3,656,600	167,729



CARP

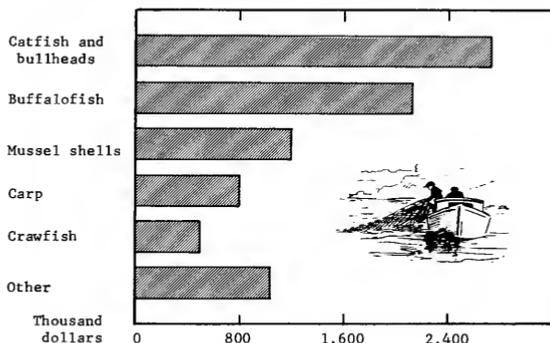
## MISSISSIPPI RIVER FISHERIES

## GREAT LAKES AND MISSISSIPPI RIVER LANDINGS - BY STATES, 1967

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

STATE	GREAT LAKES		MISSISSIPPI RIVER AND TRIBUTARIES		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
ALABAMA . . . . .	-	-	5,637	543	5,637	543
ARIZONA . . . . .	-	-	21	4	21	4
ARKANSAS . . . . .	-	-	6,391	900	6,391	900
IDAHO . . . . .	-	-	3,071	106	3,071	106
ILL. INDS. . . . .	170	37	7,101	739	7,271	776
INDIANA . . . . .	675	62	2,505	327	3,380	389
IOWA . . . . .	-	-	3,326	309	3,326	309
KANSAS . . . . .	-	-	50	9	50	9
KENTUCKY . . . . .	-	-	3,319	583	3,319	583
LOUISIANA . . . . .	-	-	6,898	1,062	6,898	1,062
MICHIGAN . . . . .	29,221	2,846	-	-	29,221	2,846
MINNESOTA . . . . .	3,462	215	8,894	716	12,356	931
MISSISSIPPI . . . . .	-	-	2,510	451	2,510	451
MISSOURI . . . . .	-	-	626	93	626	93
MONTANA . . . . .	-	-	521	63	521	63
NEBRASKA . . . . .	-	-	349	43	349	43
NEW MEXICO . . . . .	-	-	41	9	41	9
NEW YORK . . . . .	538	128	-	-	538	128
NORTH DAKOTA . . . . .	-	-	585	44	585	44
OHIO . . . . .	9,831	1,054	78	7	9,909	1,061
OKLAHOMA . . . . .	-	-	1,013	127	1,013	127
PENNSYLVANIA . . . . .	478	63	-	-	478	63
SOUTH DAKOTA . . . . .	-	-	4,268	319	4,268	319
TENNESSEE . . . . .	-	-	8,679	951	8,679	951
TEXAS . . . . .	-	-	1,444	225	1,444	225
UTAH . . . . .	-	-	72	72	72	72
WISCONSIN . . . . .	38,990	1,645	12,316	678	51,306	2,323
TOTAL . . . . .	83,565	6,050	80,571	8,360	164,136	14,430

## VALUE OF MISSISSIPPI RIVER LANDINGS, 1967



# MISSISSIPPI RIVER FISHERIES

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## GREAT LAKES AND MISSISSIPPI RIVER LANDINGS - BY SPECIES, 1967

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	GREAT LAKES		MISSISSIPPI RIVER AND TRIBUTARIES		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
ALEWIVES . . . . .	41,896	447	-	-	41,896	447
BLUE PIKE . . . . .	(1)	(1)	-	-	(1)	(1)
BOWFIN . . . . .	(1)	(1)	107	4	107	4
BUFFALOFISH . . . . .	42	5	17,974	2,165	18,016	2,170
BURBOT . . . . .	291	10	54	4	345	14
CARP . . . . .	6,579	329	23,501	793	30,080	1,122
CATFISH AND BULLHEADS . . . . .	858	250	11,930	2,710	12,788	2,960
CHUBS . . . . .	11,313	1,743	212	4	11,525	1,747
CRAPPIE . . . . .	3	1	44	13	47	14
EEL, COMMON . . . . .	34	9	-	(1)	36	9
GARFISH . . . . .	(1)	(1)	671	40	671	40
GIZZARD SHAD . . . . .	31	1	1,566	50	1,597	51
GOLDFISH . . . . .	94	3	6	(1)	100	3
LAKE HERRING . . . . .	3,831	433	13	2	3,844	435
LAKE TROUT . . . . .	202	125	-	-	202	125
MOONEYE OR GOLDEYE . . . . .	(1)	(1)	129	26	129	26
PADOLEFISH . . . . .	-	-	424	54	424	54
PIKE OR PICKEREL . . . . .	74	10	18	2	92	12
QUILLBACK . . . . .	7	(1)	488	25	495	25
ROCK BASS . . . . .	10	1	-	-	10	1
SALMON:						
RED OR SOCKEYE . . . . .	-	-	2/ 65	2/ 47	2/ 65	2/ 47
SILVER OR COHO . . . . .	1,484	161	-	-	1,484	161
SAUGER . . . . .	26	3	-	-	26	3
SHEEPSHEAD . . . . .	2,568	102	4,391	314	6,959	416
SMELT . . . . .	2,776	95	-	-	2,776	95
STURGEON:						
COMMON . . . . .	1	1	-	-	1	1
SHOVELNOSE . . . . .	-	-	45	10	45	10
SUCKERS . . . . .	1,068	37	1,273	31	2,341	68
SUNFISH . . . . .	14	2	-	-	14	2
TULLIBEE . . . . .	685	27	1	(1)	686	27
WHITE BASS . . . . .	1,100	272	4	1	1,104	273
WHITEFISH:						
COMMON . . . . .	1,634	931	5	2	1,639	933
MENOMINEE . . . . .	90	17	-	-	90	17
WHITE PERCH . . . . .	146	37	-	-	146	37
YELLOW BASS . . . . .	-	-	29	2	29	2
YELLOW PERCH . . . . .	5,806	717	269	62	6,075	779
YELLOW PIKE . . . . .	702	281	643	177	1,345	458
UNCLASSIFIED, FOR FOOD . . . . .	-	-	(1)	(1)	(1)	(1)
ARTEMIA (BRINE SHRIMP) EGGS . . . . .	-	-	114	57	114	57
CRAWFISH . . . . .	-	-	2,902	505	2,902	505
SHRIMP . . . . .	-	-	4	1	4	1
MUSSEL SHELLS . . . . .	-	-	13,553	1,194	13,553	1,194
PEARLS AND SLUGS . . . . .	-	-	-	8	-	8
TURTLES:						
BABY . . . . .	-	-	8	56	8	56
SLIDER . . . . .	-	-	20	1	20	1
SNAPPER . . . . .	-	-	61	9	61	9
SOFT-SHELL . . . . .	-	-	2	(1)	2	(1)
FROGS . . . . .	-	-	23	11	23	11
<b>TOTAL . . . . .</b>	<b>83,565</b>	<b>6,050</b>	<b>80,571</b>	<b>8,380</b>	<b>164,136</b>	<b>14,430</b>

1/ LESS THAN 500 POUNDS OR \$500.

2/ TAKEN FROM IDAHO WATERS.

# SECTION 10 - HAWAII FISHERIES

Landings of commercially caught fish and shellfish at ports in the State of Hawaii were 11.8 million pounds worth \$3.1 million-- a decline of 1.2 million pounds (9 percent) and \$50,700 (2 percent) compared with 1966. The smaller volume resulted from a marked decrease in tuna landings--principally skipjack. The 8.0-million pound production of skipjack tuna was the smallest harvest since 1963. The decline in skipjack landings fulfilled a prediction (based on a study of certain environmental factors) made early in the year by the Bureau's Biological Laboratory in Honolulu. The total tuna catch of 9.3 million pounds worth \$2.0 million was 78 percent of the volume and 64 percent of the value of the Hawaii landings.

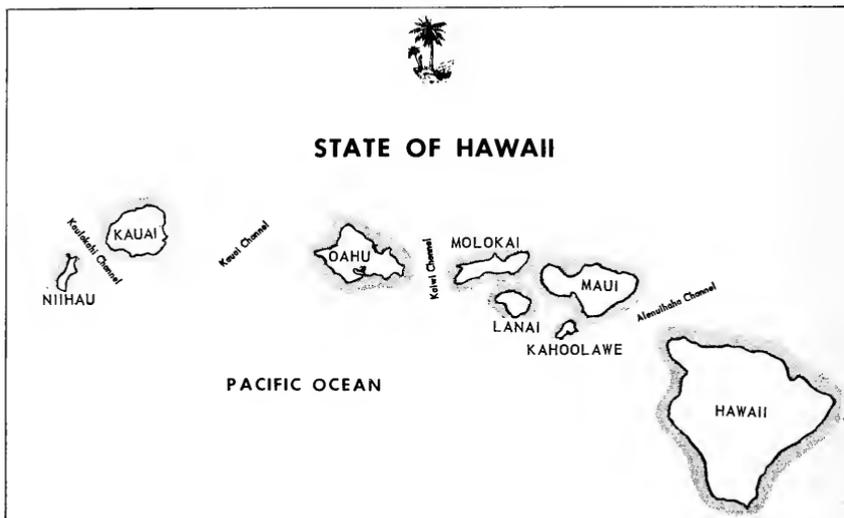
Among other leading species, landings of big-eyed scad (853,300 pounds) and striped marlin (397,980 pounds) increased 37 and 25 percent, respectively, compared with the previous year.

Fishery products were landed at six of the eight principal islands that form the

State of Hawaii. Oahu led the islands with a production of 9.4 million pounds--79 percent of the total. The island of Hawaii was next with 1.4 million pounds, followed by Maui with 796,348 pounds. The remainder of the landings were made at Kauai, Molokai, and Lanai. In 1967, the catch was taken by 677 fishermen who operated 61 vessels of 5 nettons or more, 305 motor boats, and 17 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 1967 operating units and landings by islands of the State of Hawaii. Condensed summary data on the operating units and landings of Hawaii, appearing in the following pages, have been published previously in Current Fishery Statistics No. 4857.



# HAWAII FISHERIES

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## SECTIONAL SUMMARIES SUMMARY OF LANDINGS, 1967 (THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

ISLAND	FISH		SHELLFISH, ETC.		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
HAWAII . . . . .	1,419	309	10	14	1,429	323
MOLOKAI . . . . .	15	8	2	2	17	10
KAHOOLAWE . . . . .	9,344	2,483	33	26	9,377	2,509
KAUAI . . . . .	210	71	4	3	214	74
MAUI . . . . .	786	148	10	9	796	157
LANAI . . . . .	9	4	(1)	(1)	9	4
TOTAL . . . . .	11,783	3,023	59	54	11,842	3,077

1/ LESS THAN 500 POUNDS OR \$500.

## SUMMARY OF OPERATING UNITS, 1967

ITEM	TOTAL
	<u>NUMBER</u>
FISHERMEN:	
ON VESSELS . . . . .	237
ON BOATS AND SHORE . . . . .	440
TOTAL . . . . .	677
VESSELS, MOTOR . . . . .	61
GROSS TONNAGE . . . . .	1,811
BOATS:	
MOTOR . . . . .	305
OTHER . . . . .	17

NOTE: --DATA ARE NOT AVAILABLE ON THE NUMBER AND SIZE OF GEAR USED IN THE HAWAII FISHERIES. THERE WERE 29 FISHERY WHOLESALE AND PROCESSING ESTABLISHMENTS IN THE STATE OF HAWAII IN 1967. PEAK EMPLOYMENT IN THESE PLANTS TOTALED 410 PERSONS.

## HAWAII - LANDINGS BY SPECIES, 1967

SPECIES		TOTAL	
ENGLISH	HAWAIIAN	POUNDS	VALUE
<u>OCEAN CATCH:</u>	<u>FISH</u>		
AMBERJACK . . . . .	KAHALA . . . . .	69,494	\$21,519
ANCHOVY . . . . .	NEHU . . . . .	427	318
BARRACUDA . . . . .	KAKU . . . . .	3,364	643
BARRACUDA, JAPANESE . . . . .	KAWALEA . . . . .	4,304	1,741
BIG EYE SCAD . . . . .	AKU . . . . .	853,303	327,997
BONEFISH . . . . .	OIO . . . . .	27,064	6,545
CREVALLE:			
BLUE . . . . .	ULUA OMILU . . . . .	2,849	1,696
JACK . . . . .	ULUA . . . . .	77,227	43,115
DAMSEL FISH . . . . .	KUPIPI . . . . .	1,591	685
DOLPHIN . . . . .	MAHIMAH . . . . .	72,038	42,071
EEL:			
CONGER . . . . .	PUHI . . . . .	1,666	227
MORAY . . . . .	PUHI . . . . .	2,714	156
GOATFISHES:			
	KUMU . . . . .	8,835	9,504
	MALU . . . . .	1,251	769
	MOANO . . . . .	11,918	7,264
	MOELUA . . . . .	5,866	3,322
	WEKE . . . . .	36,291	13,368
	WEKE-ULA . . . . .	14,874	8,976
MACKEREL, JACK . . . . .	OPELU . . . . .	211,449	85,507

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

## HAWAII FISHERIES

## HAWAII - LANDINGS BY SPECIES, 1967 - Continued

SPECIES		TOTAL	
ENGLISH	HAWAIIAN	POUNDS	VALUE
<u>OCEAN CATCH</u> <u>CONTINUED:</u>	<u>FISH -</u> <u>CONTINUED</u>		
MARLIN:			
BLACK . . . . .	A'U . . . . .	144,626	\$40,693
SAILFISH . . . . .	A'U LEPE . . . . .	19,405	3,352
SILVER . . . . .	A'U . . . . .	4,896	1,830
STRIPED . . . . .	A'U . . . . .	377,980	148,713
UNCLASSIFIED . . . . .	A'U . . . . .	24	1
MILKFISH . . . . .	AWA . . . . .	9,869	3,000
MOUNTAIN BASS . . . . .	AHOLEHOLE . . . . .	2,385	1,511
MULLET . . . . .	AWA . . . . .	21,468	20,490
PARROT FISH . . . . .	UHU . . . . .	5,909	1,776
RED BIGEYE . . . . .	AWOEWOE . . . . .	5,254	1,694
RUCCERFISH . . . . .	NENUJE . . . . .	10,849	3,266
RUNNER . . . . .	LAI . . . . .	800	157
SARDINE . . . . .	MAKIJANA . . . . .	268	50
SEA BASS, BLACK . . . . .	HAPUUPUU . . . . .	23,396	11,237
SNAPPER:			
GRAY . . . . .	UKU . . . . .	58,645	26,550
PINK . . . . .	KALIKALI . . . . .	7,034	4,009
PINK . . . . .	OPAKAPAKA . . . . .	109,378	58,009
RED . . . . .	ULAU . . . . .	16,046	13,677
RED . . . . .	ULAU LA KOAE . . . . .	58,114	61,952
SPOT . . . . .	A'WA . . . . .	1,005	112
SQUIREL FISH . . . . .	UU . . . . .	12,888	8,030
SURGEON FISH:			
	KALA . . . . .	35,618	3,794
	MAIKO . . . . .	469	1,709
	PALANI . . . . .	15,369	2,489
	PUALU . . . . .	20,768	2,562
	A'U . . . . .	12,420	2,420
SWORDFISH . . . . .			
TANG:			
CONVICT . . . . .	MANINI . . . . .	8,389	4,253
ORANGE SPOT . . . . .	NAENAE . . . . .	138	13
TENPOUNDER . . . . .	AWA . . . . .	4,157	1,173
THREADFISH . . . . .	MOI . . . . .	14,610	10,928
TRIGGERFISH . . . . .	HUMUHUMU . . . . .	1,744	510
TUNA:			
ALBACORE . . . . .	AHIPALAHA . . . . .	26,457	8,938
BIGEYE AND BLUE-			
FIN . . . . .	AHI . . . . .	647,081	475,506
LITTLE . . . . .	KAWAKAWA . . . . .	49,089	5,381
SKIPJACK . . . . .	AKU . . . . .	8,043,825	1,264,094
YELLOWFIN . . . . .	AHI . . . . .	501,748	230,341
TOTAL TUNA . . . . .		9,269,200	1,984,260
WAHOO . . . . .	ONO . . . . .	33,233	8,595
UNCLASSIFIED . . . . .		33,889	9,366
TOTAL FISH . . . . .		11,771,768	3,015,805
SHELLFISH, ETC.			
CRAB:			
	KONA . . . . .	19,425	18,086
	KUAHONU . . . . .	3,658	3,005
	MOALA . . . . .	2,344	1,024
	PAPA I . . . . .	3,286	1,398
	SAMOAN . . . . .	681	333
	OFIHI . . . . .	4,845	16,164
LIMPET . . . . .			
LOBSTERS:			
SLIPPER . . . . .	ULAPAPAPA . . . . .	33	25
SPINY . . . . .	ULA . . . . .	4,145	3,676
OCTOPUS . . . . .	HEE . . . . .	7,744	4,708
SEAWEE . . . . .	LIMU . . . . .	2,421	543
SHRIMP . . . . .	OPAE . . . . .	896	1,372
SQUID . . . . .	MUHEE . . . . .	2,671	1,490
TREPANG (SEA CUCUM-			
BER) . . . . .		56	50
TURTLE . . . . .	HONU . . . . .	5,021	1,173
UNCLASSIFIED . . . . .		709	287
TOTAL SHELLFISH, ETC. . . . .		57,935	53,334
TOTAL OCEAN CATCH . . . . .		11,829,703	3,069,139

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

## HAWAII - LANDINGS BY SPECIES, 1967 - Continued

SPECIES		TOTAL	
ENGLISH	HAWAIIAN	POUNDS	VALUE
<u>POND CATCH: 1/</u>	<u>FISH</u>		
BARRACUDA . . . . .	KAKU . . . . .	280	\$206
BONEFISH . . . . .	OIO . . . . .	1,898	776
CREVALLE:			
BLUE . . . . .	ULUA OMILU . . . . .	143	98
JACK . . . . .	ULUA . . . . .	609	544
EEL, CONGER . . . . .	PUHI . . . . .	3	1
GOATFISHES:			
	KUMU . . . . .	1	1
	MOJANO . . . . .	14	6
	WEKE . . . . .	34	9
MILKFISH . . . . .	AWA . . . . .	4,513	2,354
MOUNTAIN BASS . . . . .	AHOLEHOLE . . . . .	49	17
MULLET . . . . .	AMAAMA . . . . .	2,558	2,314
RUNNER . . . . .	LAI . . . . .	147	38
SURGEON FISH . . . . .	FUALU . . . . .	94	25
TENPOUNDER . . . . .	AWAAWA . . . . .	479	169
THREADFIN . . . . .	MOI . . . . .	138	138
UNCLASSIFIED . . . . .		20	12
TOTAL FISH . . . . .		10,980	6,906
	SHELLFISH		
CRABS:			
	KUAHONU . . . . .	156	118
	SAMOAN . . . . .	608	503
SHRIMP . . . . .	OPAE . . . . .	16	122
TOTAL SHELLFISH . . . . .		870	743
TOTAL POND CATCH . . . . .		11,850	7,651
GRAND TOTAL . . . . .		11,841,553	3,076,790

1/ SALT-WATER.

NOTE:--LANDINGS STATISTICS OF FISH, CRUSTACEANS, AND SUCH MOLLUSKS AS SQUID AND OCTOPUS ARE SHOWN IN ROUND (LIVE) WEIGHT. THOSE FOR UNIVALVE AND BIVALVE MOLLUSKS (LIMPETS) REPRESENT THE WEIGHT OF MEATS EXCLUDING THE SHELL. THE WEIGHT OF MEAT FOR LIMPETS IS BASED ON A YIELD OF 20 PERCENT.

## HAWAII - OPERATING UNITS BY ISLAND AND GEAR, 1967

ITEM	HAWAII					
	POIS AND TRAPS	GILL NETS	LINES			
			HAND	POLE AND LINE	TROLL	LONG OR SET WITH HOOKS
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS . . . . .	2	-	2	18	1	-
ON BOATS AND SHORE . . . . .	7	7	54	7	13	7
TOTAL . . . . .	9	7	56	25	14	7
VESSELS, MOTOR . . . . .	1	-	1	2	1	-
GROSS TONNAGE . . . . .	42	-	42	90	15	-
BOATS:						
MOTOR . . . . .	4	2	37	2	11	3
OTHER . . . . .	-	-	1	-	1	-

(CONTINUED ON NEXT PAGE)

## HAWAII FISHERIES

HAWAII - OPERATING UNITS BY ISLAND  
AND GEAR, 1967 - Continued

ITEM	HAWAII - CONTINUED					TOTAL, EX- CLUSIVE OF DUPLI- CATION
	LIFT NETS	CAST NETS	BY HAND	SPEAR	POND 1/	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	
FISHERMEN: ON VESSELS. . . . .	-	-	-	-	-	21
ON BOATS AND SHORE. . . . .	7	13	15	1	1	98
TOTAL . . . . .	7	13	15	1	1	119
VESSLS, MOTOR. . . . .	-	-	-	-	-	4
GROSS TONNAGE . . . . .	-	-	-	-	-	147
BOATS: MOTOR . . . . .	6	3	1	-	-	52
OTHER . . . . .	-	-	-	-	-	1

ITEM	MOLOKAI					POND 1/
	GILL NETS	LINES		BY HAND	SPEAR	
		HAND	TROLL			
NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	
FISHERMEN, ON BOATS AND SHORE. . . . .	24	4	2	1	1	1
BOATS, MOTOR. . . . .	10	4	2	-	-	-

ITEM	MOLOKAI - CONTINUED			OAHU		
	MISCEL- LANEOUS GEAR	TOTAL, EX- CLUSIVE OF DUPLI- CATION	BAG NETS	POTS AND TRAPS	GILL NETS	LINES
						HAND
NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	
FISHERMEN: ON VESSELS. . . . .	-	-	22	1	23	11
ON BOATS AND SHORE. . . . .	2	33	11	21	41	107
TOTAL . . . . .	2	33	33	22	64	118
VESSLS, MOTOR. . . . .	-	-	4	1	5	11
GROSS TONNAGE . . . . .	-	-	117	18	133	211
BOATS: MOTOR . . . . .	-	15	5	16	34	86
OTHER . . . . .	-	-	3	-	2	4

ITEM	OAHU - CONTINUED					SPEAR
	LINES - CONTINUED			LIFT NETS	CAST NETS	
	POLE AND LINE	TROLL	LONG OR SET WITH HOOKS			
NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	
FISHERMEN: ON VESSELS. . . . .	117	9	60	-	-	-
ON BOATS AND SHORE. . . . .	-	12	13	6	2	3
TOTAL . . . . .	117	21	73	6	2	3
VESSLS, MOTOR. . . . .	13	9	20	-	-	-
GROSS TONNAGE . . . . .	607	205	459	-	-	-
BOATS, MOTOR. . . . .	10	9	6	5	2	2

ITEM	OAHU - CONTINUED			KAUAI		
	POND 1/	MISCEL- LANEOUS GEAR	TOTAL, EX- CLUSIVE OF DUPLI- CATION	HAUL SEINES	BAG NETS	POTS AND TRAPS
FISHERMEN: ON VESSELS. . . . .	-	-	215	-	7	-
ON BOATS AND SHORE. . . . .	2	1	176	2	1	2
TOTAL . . . . .	2	1	391	2	8	2

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

# HAWAII FISHERIES

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## HAWAII - OPERATING UNITS BY ISLAND AND GEAR, 1967 - Continued

ITEM	OAHU - CONTINUED			KAUAI		
	POND 1/	MISCEL- LANEOUS GEAR	TOTAL, EX- CLUSIVE OF DUPLI- CATION	HAUL SEINES	BAG NETS	POTS AND TRAPS
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
VESSELS, MOTOR . . . . .	-	-	53	-	1	-
GROSS TONNAGE . . . . .	-	-	1,519	-	31	-
BOATS:						
MOTOR . . . . .	1	-	140	1	-	1
OTHER . . . . .	1	-	8	1	1	-

ITEM	KAUAI - CONTINUED					
	GILL NETS	LINES			LIFT NETS	CAST NETS
		HAND	TROLL	LONG OR SET WITH HOOKS		
NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	
FISHERMEN:						
ON VESSELS . . . . .	-	2	2	2	-	-
ON BOATS AND SHORE . . . . .	18	26	23	2	3	2
TOTAL . . . . .	18	28	25	4	3	2
VESSELS, MOTOR . . . . .	-	1	1	1	-	-
GROSS TONNAGE . . . . .	-	9	9	9	-	-
BOATS:						
MOTOR . . . . .	5	23	18	2	1	1
OTHER . . . . .	8	-	1	-	1	1

ITEM	KAUAI - CONTINUED		MAUI			
	MISCEL- LANEOUS GEAR	TOTAL, EX- CLUSIVE OF DUPLI- CATION	HAUL SEINES	BAG NETS	GILL NETS	LINES HAND
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS . . . . .	-	9	-	-	-	-
ON BOATS AND SHORE . . . . .	1	46	7	3	13	42
TOTAL . . . . .	1	55	7	3	13	42
VESSELS, MOTOR . . . . .	-	2	-	-	-	-
GROSS TONNAGE . . . . .	-	40	-	-	-	-
BOATS:						
MOTOR . . . . .	-	29	5	3	9	42
OTHER . . . . .	-	8	-	-	-	-

ITEM	MAUI - CONTINUED					
	LINES - CONTINUED		LIFT NETS	CAST NETS	BY HAND	SPEAR
	POLE AND LINE	TROLL				
NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	
FISHERMEN:						
ON VESSELS . . . . .	14	-	-	-	-	-
ON BOATS AND SHORE . . . . .	1	7	6	2	6	4
TOTAL . . . . .	15	7	6	2	6	4
VESSELS, MOTOR . . . . .	2	-	-	-	-	-
GROSS TONNAGE . . . . .	105	-	-	-	-	-
BOATS, MOTOR . . . . .	3	7	5	1	-	1

ITEM	MAUI - CONTINUED	LANAI					
	TOTAL, EX- CLUSIVE OF DUPLI- CATION	GILL NETS	LINES		LIFT NETS	CAST NETS	TOTAL EX- CLUSIVE OF DUPLI- CATION
	NUMBER		HAND	TROLL			
NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	
FISHERMEN:							
ON VESSELS . . . . .	14	-	-	-	1	-	-
ON BOATS AND SHORE . . . . .	76	3	7	8	-	3	11
TOTAL . . . . .	90	3	7	8	1	3	11
VESSELS, MOTOR . . . . .	2	-	-	-	-	-	-
GROSS TONNAGE . . . . .	105	-	-	-	-	-	-
BOATS, MOTOR . . . . .	62	-	6	7	1	1	7

1/ SEINES, MISCELLANEOUS NETS, AND BY HAND. NOTE:--NUMBER AND QUANTITY OF GEAR NOT AVAILABLE. DATA ON OPERATING UNITS ARE NOT COMPLETE.

## HAWAII FISHERIES

## HAWAII - LANDINGS BY ISLANDS, 1967

SPECIES		HAWAII		MOLOKAI		OAHU	
ENGLISH	HAWAIIAN	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
OCEAN CATCH:							
AMBERJACK . . . . .	KAHALA . . . . .	12,644	\$2,869	226	\$65	37,782	\$12,641
ANCHOVY . . . . .	NEHU . . . . .	-	-	-	-	427	318
BARRACUDA . . . . .	KAKU . . . . .	542	104	143	62	2,090	389
BARRACUDA, JAPAN- ESE . . . . .	KAMELEA . . . . .	3,138	1,306	205	55	708	297
BIGEYE SCAO . . . . .	AKULE . . . . .	23,299	13,804	1,864	1,220	681,610	265,022
BONEFISH . . . . .	OIO . . . . .	3,915	932	225	66	21,406	5,193
CREVALLE:							
BLUE . . . . .	ULUA OMILU . . . . .	5	2	-	-	2,188	1,268
JACK . . . . .	ULUA . . . . .	7,617	2,536	1,716	1,227	53,457	33,513
DAMSEL FISH . . . . .	KUPIFI . . . . .	35	18	-	-	1,555	667
DOLPHIN . . . . .	MAHIMAH . . . . .	13,924	5,077	-	-	54,131	35,904
EELS:							
CONGER . . . . .	PUHI . . . . .	92	30	-	-	1,574	197
MORAY . . . . .	PUHI . . . . .	8	1	-	-	2,706	155
GOATFISHES:							
	KUMU . . . . .	140	159	135	37	7,130	8,043
	MALU . . . . .	70	10	-	-	1,149	742
	MORANO . . . . .	411	248	-	-	11,339	6,937
	WEKE . . . . .	1,392	750	2,489	623	26,279	9,871
	WEKE-ULA . . . . .	1,438	780	48	8	11,481	7,356
MACKEREL, JACK . .	OPELU . . . . .	99,639	37,736	-	-	65,326	32,190
MARLIN:							
BLACK . . . . .	A'U . . . . .	58,580	10,487	-	-	85,290	30,160
SAILFISH . . . . .	A'U LEPE . . . . .	1,305	281	-	-	18,100	3,071
SILVER . . . . .	A'U . . . . .	3,977	1,407	-	-	919	423
STRIPED . . . . .	A'U . . . . .	34,588	12,544	-	-	363,221	136,130
UNCLASSIFIED . . . .	A'U . . . . .	-	-	-	-	24	1
MILKFISH . . . . .	AWA . . . . .	429	83	265	76	4,683	1,472
MOUNTAIN BASS . . . .	AHOLEHOLE . . . . .	134	87	119	29	901	586
MULLET . . . . .	AMAMA . . . . .	1,739	1,478	1,106	805	16,156	16,243
PARROT FISH . . . . .	UHU . . . . .	8	2	-	-	4,727	1,478
RED BIGEYE . . . . .	AWEOWEO . . . . .	1,971	720	23	7	1,589	468
RUOQERFISH . . . . .	NAEJE . . . . .	716	239	-	-	8,598	2,312
RUNNER . . . . .	LAE . . . . .	3	1	51	2	245	48
SARDINE . . . . .	MIKIAWA . . . . .	-	-	-	-	1	(1)
SEA BASS, BLACK	HA'PUU'PUU . . . . .	1,096	406	33	23	20,682	10,331
SNAPPER:							
GRAY . . . . .	UKU . . . . .	2,386	929	-	-	47,018	21,752
PINK . . . . .	KALIKALI . . . . .	655	343	-	-	6,347	3,655
PINK . . . . .	OPAKAPAKA . . . . .	5,975	2,658	1,637	905	56,101	34,519
RED . . . . .	ULAULA . . . . .	2,635	1,784	6	5	12,776	11,635
RED . . . . .	ULAULA KOAE . . . . .	4,080	2,518	-	-	53,097	58,696
SPOT . . . . .	A'WA . . . . .	400	43	-	-	512	45
SQUIRREL FISH . . . . .	UU . . . . .	6,322	3,486	312	87	4,573	3,347
SURGEON FISH:							
	KALA . . . . .	54	7	625	142	34,699	3,590
	MAIKO . . . . .	347	154	-	-	96	5
	PALANI . . . . .	149	19	69	4	14,501	2,331
	PUALU . . . . .	17	2	32	3	20,356	2,518
SWORDFISH, BROAD- BILL . . . . .							
	A'U . . . . .	947	143	-	-	11,473	2,277
TANG:							
CONVICT . . . . .	MANINI . . . . .	1,833	917	305	93	3,387	1,721
ORANGE SPOT . . . . .	NAENAE . . . . .	-	-	7	2	138	13
TENPOUNDER . . . . .	AWAAWA . . . . .	-	-	-	-	4,130	1,171
THROAT FISH . . . . .	KOI . . . . .	847	671	1,221	874	6,826	5,268
TRIGGERFISH . . . . .	HUMUHUMU . . . . .	843	181	-	-	987	327
TUNA:							
ALBACORE . . . . .	AHIPALAHA . . . . .	1,517	476	-	-	24,940	8,462
BIGEYE AND BLUEFIN . . . . .	AHI . . . . .	64,671	47,424	-	-	582,410	428,082
LITTLE . . . . .	KAWAKAWA . . . . .	1,430	272	229	65	35,823	3,200
SKIPJACK . . . . .	AKU . . . . .	871,112	87,505	146	45	6,543,726	1,086,673
YELLOWFIN . . . . .	AHI . . . . .	157,962	60,186	-	-	324,107	164,621
TOTAL TUNA . . . . .		1,096,692	195,863	375	110	7,511,006	1,693,038
WAHOO							
UNCLASSIFIED . . . . .	ONO . . . . .	13,263	2,807	21	8	18,097	4,039
		8,575	2,916	127	64	18,855	3,545
TOTAL FISH . . . . .		1,418,865	309,538	13,390	6,602	9,334,569	2,476,917

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

# HAWAII FISHERIES

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## HAWAII - LANDINGS BY ISLANDS, 1967 - Continued

SPECIES			HAWAII		MOLOKAI		OAHU	
ENGLISH	HAWAIIAN		POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
SHELLFISH, ETC.								
OCEAN CATCH - CONTINUED:								
CRABS:	KONA . . . . .		1,248	\$819	-	-	15,708	\$15,962
	KUAHONU . . . . .		155	56	-	-	3,503	2,949
	MOALA . . . . .		-	-	-	-	2,344	1,024
	PAPA I . . . . .		3,026	1,303	-	-	260	95
	SAMOA . . . . .		612	273	-	-	69	60
	OPHI . . . . .		2,770	9,880	306	\$956	-	-
LIMPET 2/ . . . . .			-	-	-	-	-	-
LOBSTER:								
SLIPPER . . . . .	ULAPA PAPA . . . . .		-	24	-	-	33	25
SPINY . . . . .	ULA . . . . .		41	46	115	115	3,623	3,317
OCTOPUS . . . . .	HEE . . . . .		52	45	1,103	573	1,678	1,081
SQUID . . . . .	MUHEE . . . . .		2,278	1,220	-	-	-	-
TREPANG (SEA CUCUMBER) . . . . .			56	50	-	-	-	-
TURTLE . . . . .	HONU . . . . .		-	-	-	-	2,300	870
SEAWED . . . . .	LIMI . . . . .		127	73	-	-	2,289	462
SHRIMP . . . . .	OPAE . . . . .		14	14	66	236	-	-
TOTAL SHELLFISH . . . . .			10,379	13,758	1,590	1,940	31,807	25,845
TOTAL OCEAN CATCH FISH . . . . .			1,429,244	323,296	14,980	6,542	9,366,376	2,502,762
POND CATCH: 3/								
BARRACUDA . . . . .	KAKU . . . . .		-	-	111	55	169	151
BONEFISH . . . . .	OIO . . . . .		-	-	441	118	1,457	658
CREVALLE:								
BLUE . . . . .	ULUA OMI LU . . . . .		-	-	143	98	-	-
JACK . . . . .	ULUA . . . . .		-	-	55	40	554	504
EEL, CONGER . . . . .	FUHI . . . . .		-	-	-	-	3	1
GOATFISHES:								
	KUMU . . . . .		-	-	-	-	1	1
	MOANO . . . . .		-	-	-	-	14	6
	WEKE . . . . .		-	-	-	-	34	9
MILKFISH . . . . .	AWA . . . . .		-	-	12	3	4,501	2,951
MOUNTAIN BASS . . . . .	ANOLEHOLE . . . . .		-	-	-	-	49	17
MULLET . . . . .	AMAAMA . . . . .		-	-	859	623	1,619	1,691
RUNNER . . . . .	LAE . . . . .		-	-	16	3	131	35
SURGEON FISH . . . . .	PUALU . . . . .		-	-	-	-	94	25
TENPOUNDER . . . . .	AWAAWA . . . . .		-	-	-	-	479	169
THREADFIN . . . . .	MOI . . . . .		-	-	2	2	136	136
UNCLASSIFIED:			-	-	-	-	20	12
TOTAL FISH . . . . .			-	-	1,639	942	9,341	5,966
SHELLFISH, ETC.								
CRABS:	KUAHONU . . . . .		-	-	-	-	156	118
	SAMOA . . . . .		-	-	-	-	698	503
SHRIMP . . . . .	OPAE . . . . .		-	-	10	80	6	42
TOTAL SHELLFISH . . . . .			-	-	10	80	860	663
TOTAL POND CATCH . . . . .			-	-	1,649	1,022	10,201	6,629
GRAND TOTAL . . . . .			1,429,244	323,296	16,629	9,564	9,376,577	2,509,391

SPECIES			KAUAI		MAUI		LANAI	
ENGLISH	HAWAIIAN		POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
OCEAN CATCH:								
AMBERJACK . . . . .	KAHALA . . . . .		15,694	\$5,221	3,148	\$723	-	-
BARRACUDA . . . . .	KAKU . . . . .		319	82	270	7	-	-
BARRACUDA, JAP-ANESE . . . . .	KAWELEA . . . . .		100	40	153	43	-	-
BIGEYE SCAD . . . . .	AKULE . . . . .		122,853	40,193	21,870	6,704	1,807	\$1,054
BONEFISH . . . . .	OIO . . . . .		461	106	1,057	248	-	-
CREVALLE:								
BLUE . . . . .	ULUA OMI LU . . . . .		650	424	6	2	-	-
JACK . . . . .	ULUA . . . . .		5,269	1,432	9,113	4,380	55	27
DAMSELFISH . . . . .	KUPIPI . . . . .		-	-	1	(1)	-	-
DOLPHIN . . . . .	MAHIMAHU . . . . .		1,019	324	2,944	759	20	7
GOATFISHES:								
	KUMU . . . . .		964	966	466	299	-	-

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

## HAWAII FISHERIES

## HAWAII - LANDINGS BY ISLANDS, 1967 - Continued

SPECIES		KAUAI		MAUI		LANAI	
ENGLISH	HAWAIIAN	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FISH - CONTINUED							
OCEAN CATCH - CONTINUED:							
GOATFISHES - CONTINUED:							
	MALU . . . . .	-	-	32	\$17	-	-
	MOANO . . . . .	6	\$4	162	75	-	-
	MOELUA . . . . .	-	-	5,709	3,228	157	\$94
	WEKE . . . . .	5,222	1,817	919	307	-	-
	WEKE-ULA . . . . .	1,907	832	-	-	-	-
	OPELU . . . . .	2,164	597	43,533	14,661	787	303
MACKEREL, JACK . . . . .							
MARLIN:							
BLACK . . . . .	A'U . . . . .	756	46	-	-	-	-
STRIPED . . . . .	A'U . . . . .	171	39	-	-	-	-
MILKFISH . . . . .	AWA . . . . .	44	36	4,448	1,333	-	-
MOUNTAIN BASS . . . . .	AHOLEHOLE . . . . .	409	249	822	560	-	-
MULLET . . . . .	AMAAMA . . . . .	2,252	1,824	215	140	-	-
PARROT FISH . . . . .	UHU . . . . .	929	212	245	84	-	-
RED BIGEYE . . . . .	AWEDWO . . . . .	1,352	376	311	121	3	2
RUDDERFISH . . . . .	NEHEU . . . . .	963	453	572	262	-	-
RUNNER . . . . .	LAE . . . . .	-	-	501	106	-	-
SARDINE . . . . .	MIKIAWA . . . . .	-	-	267	50	-	-
SEA BASS, BLACK . . . . .	HAPIUPUU . . . . .	547	173	1,036	304	-	-
SNAPPER:							
GRAY . . . . .	UKU . . . . .	6,855	2,652	2,066	1,097	320	120
PINK . . . . .	KALIKALI . . . . .	7	4	25	7	-	-
PINK . . . . .	OPAKAPAKA . . . . .	238	46	43,427	19,861	-	-
RED . . . . .	ULAULA . . . . .	386	138	243	115	-	-
RED . . . . .	ULAULA KOAE . . . . .	49	4	888	474	-	-
SPOT . . . . .	A'WA . . . . .	-	-	83	23	10	1
SQUIRREL FISH . . . . .	UU . . . . .	1,263	849	304	169	114	92
SURGEON FISH:							
	KALA . . . . .	191	48	49	7	-	-
	MAIKO . . . . .	-	-	26	11	-	-
	PALANI . . . . .	269	37	361	93	20	5
	PUALU . . . . .	60	8	103	31	-	-
	MANINI . . . . .	2,001	1,000	618	398	245	124
	MOI . . . . .	4,308	3,206	1,408	909	-	-
	HUMUHUMU . . . . .	-	-	14	2	-	-
TANG, CONVICT . . . . .							
THROATFISH . . . . .							
TRIGGERFISH . . . . .							
TUNA:							
LITTLE . . . . .	KAWAKAWA . . . . .	3,374	573	5,358	367	2,675	684
SKIPJACK . . . . .	AKU . . . . .	3,664	716	622,840	86,509	2,317	646
YELLOWFIN . . . . .	AHI . . . . .	17,859	5,307	1,763	207	57	20
TOTAL TUNA . . . . .		24,917	6,596	629,961	87,103	5,249	1,550
WAHOO . . . . .	ONO . . . . .	4,719	1,097	2,902	555	231	89
UNCLASSIFIED . . . . .		679	224	5,543	2,585	110	32
TOTAL FISH . . . . .		210,013	71,355	765,803	147,893	9,128	3,500
SHELLFISH, ETC.							
CRABS . . . . .	KONA . . . . .	1,220	720	1,249	585	-	-
LIMPET 2/ . . . . .	OPIHI . . . . .	22	110	1,747	5,218	-	-
LOBSTER, SPINY . . . . .	ULA . . . . .	324	212	42	8	-	-
OCTOPUS . . . . .	HEE . . . . .	1,564	1,194	3,257	1,789	70	35
SQUID . . . . .	MUKEE . . . . .	369	269	4	-	-	-
TURTLE . . . . .	HONU . . . . .	-	-	2,721	303	-	-
SEAWEED . . . . .	LIMU . . . . .	5	8	-	-	-	-
SHRIMP . . . . .	OPAE . . . . .	-	-	816	1,062	-	-
UNCLASSIFIED . . . . .		-	-	709	267	-	-
TOTAL SHELLFISH . . . . .		3,544	2,503	10,545	9,253	70	35
TOTAL OCEAN CATCH . . . . .		213,557	73,858	796,348	157,146	9,198	3,535
GRAND TOTAL . . . . .		213,557	73,858	796,348	157,146	9,198	3,535

1/ LESS THAN 50 CENTS.

2/ THE WEIGHT OF MEAT FOR LIMPETS IS BASED ON A YIELD OF 20 PERCENT.

3/ SALT-WATER.

# HAWAII FISHERIES

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## HAWAII - LANDINGS OF CATCH BY GEAR, 1967

SPECIES		HAUL SEINES		GAG NETS	
ENGLISH	HAWAIIAN	POUNDS	VALUE	POUNDS	VALUE
ANCHOVY	NEHU	-	-	427	\$316
BIG EYE SCAD	AKULE	5,661	\$2,407	661,937	229,185
BONEFISH	OIO	5,342	1,310	12,357	2,768
CREVALLE, JACK	ULUA	12,798	9,600	7,535	6,691
DAMSELFISH	KUPPI	501	230	45	21
GOATFISHES:					
	KUMU	268	322	38	69
	WEKE	3,080	1,259	375	117
MACKEREL, JACK	OPELU	195	63	-	-
MILKFISH	AWA	498	216	-	-
MOUNTAIN BASS	AHOLEHOLE	257	206	-	-
MULLET	AMAAMA	201	206	-	-
PARROT FISH	UHU	2,920	922	292	77
RED BIG EYE	AWEOWEO	199	45	-	-
RUDDERFISH	NEHUE	7,406	1,876	688	303
RUNNER	LAE	316	60	-	-
SARDINE	MAKIAWA	190	37	-	-
SNAPPER, GRAY	UKU	9	4	-	-
SPOT	A'WA	12	3	-	-
SQUIRRELFISH	UU	44	30	-	-
SURGEON FISH:					
	KALA	21,749	2,648	2,156	204
	MAIKO	96	5	-	-
	PALANI	7,164	1,132	461	79
	PUALU	15,856	1,748	420	81
TANG, CONVICT	MANINI	1,704	932	190	103
THREADFIN	MOI	-	-	4,129	3,270
UNCLASSIFIED		495	197	2	1
TURTLE	HONU	100	12	-	-
TOTAL		87,071	25,470	691,252	243,487

SPECIES		POTS AND TRAPS		GILL NETS, ANCHOR, SET OR STAKE		LINES	
ENGLISH	HAWAIIAN	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
AMBER JACK	KAHALA	456	\$133	-	-	66,936	\$21,359
BARRACUDA	KAKU	17	3	160	\$74	1,077	239
BARRACUDA, JAPANESE	KAWALEA	-	-	111	44	4,186	1,695
BIG EYE SCAD	AKULE	-	-	19,812	5,685	165,676	90,712
BONEFISH	OIO	31	16	766	220	5,953	1,608
CREVALLE:							
BLUE	ULUA OMI LU	660	334	565	396	1,579	952
JACK	KULIA	4,862	2,453	6,422	3,487	41,823	18,470
DAMSELFISH	KUPPI	364	119	318	159	107	50
DOLPHIN	MAHIMAHI	-	-	-	-	33,066	16,331
EELS:							
CONGER	PUHI	1,577	203	-	-	89	24
MORAY	PUHI	2,714	156	-	-	-	-
GOATFISHES:							
	KUMU	5,573	6,313	1,348	1,203	431	344
	MALU	1,149	742	10	4	22	13
	MOANO	11,035	6,759	12	7	857	498
	MOELIA	-	-	-	-	5,636	3,236
	WEKE	8,809	2,746	13,355	4,675	1,119	655
	WEKE-ULUA	5,394	2,822	348	108	9,132	6,046
MACKEREL, JACK	OPELU	-	-	-	-	119,097	50,718
MARLIN:							
BLACK	A'U	-	-	-	-	2,076	717
SAILFISH	A'U LEPE	-	-	-	-	42	10
SILVER	A'U	-	-	-	-	332	132
STRIPED	A'U	-	-	-	-	904	374
UNCLASSIFIED	A'U	-	-	-	-	24	1
MILKFISH	AWA	47	19	8,474	2,553	596	121
MOUNTAIN BASS	AHOLEHOLE	-	-	1,960	1,212	137	86
MULLET	AMAAMA	1	1	19,662	18,628	985	969
PARROT FISH	UHU	511	214	906	203	181	68
RED BIG EYE	AWEOWEO	241	74	1,644	495	2,346	846
RUDDERFISH	NEHUE	-	-	367	479	541	161
RUNNER	LAE	-	-	407	76	73	20
SARDINE	MAKIAWA	-	-	-	-	78	13
SEA BASS, BLACK	HAPUUPUU	6	7	-	-	23,390	11,230
SNAPPER:							
GRAY	UKU	260	107	-	-	58,285	26,405
PINK	KALIKALI	-	-	25	7	7,009	4,002
PINK	OPAKAPAKA	91	45	-	-	109,064	57,865
RED	ULAU LA	-	-	-	-	16,046	13,677
RED	ULAU LA KOAE	-	-	-	-	58,114	61,692

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

## HAWAII FISHERIES

## HAWAII - LANDINGS OF CATCH BY GEAR, 1967 - Continued

SPECIES		POTS AND TRAPS		GILL NETS, ANCHOR, SET OR STAKE		LINES	
						HAND	
ENGLISH	HAWAIIAN	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
SPOT . . . . .	A'WA . . . . .	37	\$10	34	\$12	922	\$87
SQUIRREL FISH . . . . .	UU . . . . .	548	433	880	439	11,153	6,940
SURGEON FISH:							
	KALA . . . . .	4,550	143	1,668	256	56	0
	MAIKO . . . . .	-	-	37	15	-	-
	PALANI . . . . .	3,274	624	2,210	285	222	31
	PUALU . . . . .	596	100	195	40	436	72
SWORDFISH . . . . .	A'U . . . . .	-	-	-	-	111	14
TANG:							
CONVICT . . . . .	MANINI . . . . .	1,170	515	651	327	19	5
ORANGE SPOT . . . . .	NAENAE . . . . .	138	13	1	-	-	-
TENPOUNDER . . . . .	AWAANA . . . . .	3	1	205	51	3,949	1,121
THREADFIN . . . . .	MOI . . . . .	16	10	7,627	5,722	230	267
TRIGGERFISH . . . . .	HUMUHUMU . . . . .	880	324	-	-	864	186
TUNA:							
BIGEYE . . . . .	AHI . . . . .	-	-	-	-	777	235
LITTLE . . . . .	KAWAKAWA . . . . .	-	-	-	-	40,557	3,872
SKIPJACK . . . . .	AKU . . . . .	-	-	-	-	8,036,492	1,262,717
YELLOWFIN . . . . .	AHI . . . . .	-	-	-	-	163,014	36,343
WAHOO . . . . .	ONO . . . . .	-	-	-	-	14,484	3,611
UNCLASSIFIED . . . . .		1,920	759	939	357	17,300	6,108
CRABS:							
	KUAHONU . . . . .	2,905	2,500	38	39	-	-
	MOALA . . . . .	1,966	870	5	2	-	-
	PAPAI . . . . .	2,315	1,043	-	-	-	-
	SAMOAN . . . . .	586	264	-	-	-	-
LOBSTER:							
SLIPPER . . . . .	ULAPAPAPA . . . . .	33	25	-	-	-	-
SPINY . . . . .	ULA . . . . .	2,031	1,770	1,916	1,746	101	67
OCTOPUS . . . . .	HEE . . . . .	630	391	38	25	2,155	1,115
SQUID . . . . .	MUHEE . . . . .	-	-	-	-	-	-
TURTLE . . . . .	HONU . . . . .	-	-	2,336	893	-	-
TOTAL . . . . .		67,396	33,061	96,091	50,124	9,032,107	1,714,216

## LINES - CONTINUED

SPECIES		TROLL		LONG OR SET WITH HOOKS		LIFT NETS	
		POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ENGLISH	HAWAIIAN						
AMBERJACK . . . . .	KAHALA . . . . .	102	\$27	-	-	-	-
BARRACUDA . . . . .	KAKU . . . . .	453	26	1,657	\$241	-	-
BARRACUDA, JAPANESE . . . . .	KAWELEA . . . . .	5	2	-	-	-	-
CREVALLE, JACK . . . . .	ULUA . . . . .	1,822	322	-	-	2	\$1
DOLPHIN . . . . .	MAHIMAH . . . . .	7,680	3,184	31,290	22,556	-	-
GOATFISHES:							
	MALU . . . . .	-	-	70	10	-	-
	MOALUA . . . . .	-	-	-	-	230	86
MACKEREL, JACK . . . . .	OPELU . . . . .	-	-	-	-	92,157	34,726
MARLIN:							
BLACK . . . . .	A'U . . . . .	53,260	8,467	89,290	31,509	-	-
SAILFISH . . . . .	A'U LEPE . . . . .	91	14	19,272	3,328	-	-
SILVER . . . . .	A'U . . . . .	123	30	4,441	1,666	-	-
STRIPED . . . . .	A'U . . . . .	3,742	870	393,334	147,469	-	-
SNAPPER:							
GRAY . . . . .	UKU . . . . .	79	29	-	-	4	2
PINK . . . . .	OPAKAPAKA . . . . .	223	99	-	-	-	-
SWORDFISH . . . . .	A'U . . . . .	-	-	12,309	2,406	-	-
THREADFIN . . . . .	MOI . . . . .	-	-	-	-	4	4
TUNA:							
ALBACORE . . . . .	AHIPALAHA . . . . .	-	-	26,457	8,938	-	-
BIGEYE AND BLUEFIN . . . . .	AHI . . . . .	-	-	646,304	475,271	-	-
LITTLE . . . . .	KAWAKAWA . . . . .	8,532	1,509	-	-	-	-
SKIPJACK . . . . .	AKU . . . . .	7,086	1,281	247	96	-	-
YELLOWFIN . . . . .	AHI . . . . .	27,799	7,476	310,935	186,522	-	-
WAHOO . . . . .	ONO . . . . .	9,611	1,782	15,138	3,202	-	-
UNCLASSIFIED . . . . .		68	2	12,102	1,593	24	20
CRABS:							
	KONA . . . . .	-	-	-	-	19,425	18,086
	KUAHONU . . . . .	-	-	-	-	715	466
	MOALA . . . . .	-	-	-	-	373	152
	PAPAI . . . . .	-	-	-	-	971	395
	SAMOAN . . . . .	-	-	-	-	95	69
TOTAL . . . . .		120,676	25,120	1,562,846	884,769	114,000	53,967

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

# HAWAII FISHERIES

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## HAWAII - LANDINGS OF CATCH BY GEAR, 1967 - Continued

SPECIES		CAST NETS		SPEARS		BY HAND	
ENGLISH	HAWAIIAN	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BIGEYE SCAD . . . . .	AKULE . . . . .	17	\$8	-	-	-	-
BONEFISH . . . . .	OIO . . . . .	1	(1)	-	-	-	-
GOATFISHES:							
	KUMU . . . . .	3	2	-	-	-	-
	MOANO . . . . .	4	(1)	-	-	-	-
	WEKE . . . . .	26	11	-	-	-	-
MOUNTAIN BASS . . . . .	AHOLEHOLE . . . . .	11	7	-	-	-	-
MULLET . . . . .	AMAMA . . . . .	68	46	-	-	-	-
PARROT FISH . . . . .	UHU . . . . .	5	-	-	-	-	-
RED BIGEYE . . . . .	AWEOEWO . . . . .	8	3	-	-	-	-
RUDDERFISH . . . . .	NENU . . . . .	469	295	-	-	-	-
SQUIRRELFISH . . . . .	UU . . . . .	4	2	-	-	-	-
SURGEON FISH:							
	KALA . . . . .	33	5	-	-	-	-
	MAIKO . . . . .	336	150	-	-	-	-
	PALANI . . . . .	60	16	-	-	-	-
	PUALU . . . . .	10	2	-	-	-	-
TANG, CONVICT . . . . .	MANINI . . . . .	4,490	2,279	-	-	-	-
THREDFIN . . . . .	MOI . . . . .	625	568	-	-	-	-
UNCLASSIFIED . . . . .	OPI . . . . .	463	218	-	-	-	-
LIMPET . . . . .	LOPHI . . . . .	-	-	10	\$60	4,835	\$16,104
LOBSTER, SPINY . . . . .	ULA . . . . .	11	9	-	-	65	66
OCTOPUS . . . . .	HEE . . . . .	23	20	6,936	4,196	-	-
UNCLASSIFIED SHELLFISH . . . . .		-	-	-	-	422	166
TOTAL . . . . .		6,910	3,566	6,946	4,256	5,322	16,338

SPECIES		NETS, UNCLASSIFIED		OTHER GEAR		VARIOUS GEAR, FISH POND	
ENGLISH	HAWAIIAN	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BARRACUDA . . . . .	KAKU . . . . .	-	-	-	-	260	\$206
BONEFISH . . . . .	OIO . . . . .	2,614	\$623	-	-	1,696	776
CREVALLE:							
BLUE . . . . .	ULUA OMI LU . . . . .	45	14	-	-	143	96
JACK . . . . .	ULUA . . . . .	1,963	1,891	-	-	609	544
DAMSELFISH . . . . .	KUPIPI . . . . .	256	106	-	-	-	-
EEL, CONGER . . . . .	PUHI . . . . .	-	-	-	-	3	1
GOATFISHES:							
	KUMU . . . . .	1,174	1,251	-	-	1	1
	MOANO . . . . .	-	-	-	-	14	6
	WEKE . . . . .	9,525	3,705	-	-	34	9
MILKFISH . . . . .	AWA . . . . .	252	91	-	-	4,513	2,554
MOUNTAIN BASS . . . . .	AHOLEHOLE . . . . .	-	-	-	-	49	17
MULLET . . . . .	AMAMA . . . . .	531	638	-	-	2,556	2,314
PARROT FISH . . . . .	UHU . . . . .	1,002	283	92	\$6	-	-
RED BIGEYE . . . . .	AWEOEWO . . . . .	816	231	-	-	-	-
RUDDERFISH . . . . .	NENU . . . . .	536	192	-	-	-	-
RUNNER . . . . .	LAE . . . . .	4	1	-	-	147	38
SNAPPER, GRAY . . . . .	UKU . . . . .	8	3	-	-	-	-
SQUIRRELFISH . . . . .	UU . . . . .	259	166	-	-	-	-
SURGEON FISH:							
	KALA . . . . .	5,406	532	-	-	-	-
	PALANI . . . . .	1,976	322	-	-	-	-
	PUALU . . . . .	3,225	519	-	-	94	25
TANG, CONVICT . . . . .	MANINI . . . . .	165	92	-	-	-	-
TENPOUNDER . . . . .	AWAAMA . . . . .	-	-	-	-	479	169
THREDFIN . . . . .	MOI . . . . .	1,756	1,067	-	-	138	138
UNCLASSIFIED . . . . .		474	114	-	-	20	12
SEAWEED . . . . .	LEHU . . . . .	-	-	2,421	543	-	-
SHRIMP . . . . .	OPAE . . . . .	896	1,372	-	-	16	122
CRABS:							
	KUAHONU . . . . .	-	-	-	-	156	118
	SAMOAN . . . . .	-	-	-	-	696	503
LOBSTER, SPINY . . . . .	ULA . . . . .	122	85	-	-	-	-
OCTOPUS . . . . .	HEE . . . . .	16	9	-	-	-	-
SQUID . . . . .	MUHEE . . . . .	-	-	516	375	-	-
TREPANG (SEA CUCUMBER)		-	-	56	50	-	-
TURTLE . . . . .	HONU . . . . .	-	-	2,595	268	-	-
UNCLASSIFIED SHELLFISH . . . . .		-	-	267	119	-	-
TOTAL . . . . .		33,027	13,347	6,059	1,398	11,850	7,651

1/ LESS THAN 50 CENTS.

NOTE.--THE WEIGHT OF MEAT FOR LIMPETS IS BASED ON A YIELD OF 20 PERCENT.

## SECTION 11 - PUERTO RICO FISHERIES

The production of fish and shellfish in Puerto Rico is not included in the U.S. landings tables in the General Review Section.

Landings in Puerto Rico of 109,1 million pounds worth \$13,4 million to the fishermen were 33,4 million pounds and \$975,000 greater than in the previous year. The gain resulted from record tuna landings of 97.9 million pounds valued at \$9,9 million--90 percent of the volume and 74 percent of the value of the Puerto Rico catch.

Tuna landed by U.S. fishermen in Puerto Rico were caught only in the Pacific Ocean until 1962, when 9 percent of the catch was taken in the Atlantic Ocean. Tuna landings

from the Atlantic reached a peak of 10,8 million pounds in 1964, but dwindled to only 248,000 pounds in 1966. In 1967, however, the Atlantic Ocean production was 3.4 million pounds; nearly one-half of these landings consisted of yellowfin tuna. It was the first reported production of yellowfin taken in the Atlantic Ocean and landed commercially in Puerto Rico.

The catch by local fishermen, consisting principally of marine fish, was 11.2 million pounds--slightly more than in the previous year. Fishermen used various gear--chiefly gill nets, haul seines, hooks (hand troll, and long or set lines), cast nets, fish pots, and weirs.



## PUERTO RICO LANDINGS, 1953-67

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

YEAR	TUNA							
	BLUEFIN		SKIPJACK		YELLOWFIN		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
1953.	(1)	(1)	(1)	(1)	(1)	(1)	2,704	(1)
1954.	(1)	(1)	(1)	(1)	(1)	(1)	6,388	(1)
1955.	(1)	(1)	(1)	(1)	(1)	(1)	9,549	(1)
1956.	(1)	(1)	(1)	(1)	(1)	(1)	12,000	(1)
1957.	(1)	(1)	(1)	(1)	(1)	(1)	18,393	(1)
1958.	(1)	(1)	(1)	(1)	(1)	(1)	16,652	(1)
1959.	(1)	(1)	(1)	(1)	(1)	(1)	22,090	(1)
1960.	(1)	(1)	(1)	(1)	(1)	(1)	20,910	(1)
1961.	(1)	(1)	5,692	(1)	15,218	(1)	31,050	(1)
1962.	1,676	(1)	10,392	(1)	20,658	(1)	28,790	(1)
1963 3/4.	2,494	254	20,086	(1)	7,028	(1)	37,026	3,720
1964.	4,324	476	30,454	2,966	4,078	500	48,393	4,961
1965.	2,346	287	42,064	4,417	13,622	1,669	54,576	6,102
1966.	1,266	176	37,962	4,881	25,450	4,337	64,698	9,394
1967.	1,360	150	77,702	7,343	18,620	2,456	97,862	9,949

YEAR	OTHER							
	FRESH-WATER FISH		UNCLASSIFIED FISH		CRUSTACEANS		MOLLUSKS	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
1953.	441	(1)	4,409	(1)	441	(1)	(2)	(1)
1954.	441	(1)	4,630	(1)	441	(1)	(2)	(1)
1955.	441	(1)	4,630	(1)	661	(1)	(2)	(1)
1956.	441	(1)	4,850	(1)	661	(1)	(2)	(1)
1957.	441	(1)	4,850	(1)	661	(1)	(2)	(1)
1958.	441	(1)	5,071	(1)	661	(1)	(2)	(1)
1959.	441	(1)	5,291	(1)	661	(1)	(2)	(1)
1960.	441	(1)	5,512	(1)	661	(1)	(2)	(1)
1961.	441	(1)	5,952	(1)	661	(1)	(2)	(1)
1962.	441	(1)	6,614	(1)	661	(1)	(2)	(1)
1963 3/4.	441	88	7,496	1,357	1,102	431	(2)	(1)
1964.	441	97	8,378	1,843	1,102	551	(2)	(1)
1965.	441	110	9,039	2,079	1,323	727	(2)	(1)
1966.	441	110	9,039	2,079	1,323	760	(2)	(1)
1967.	441	132	8,598	1,934	1,984	1,900	(2)	(1)

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

# PUERTO RICO FISHERIES

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## PUERTO RICO LANDINGS, 1953-67 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

YEAR	OTHER - CONTINUED				GRAND TOTAL	
	MISCELLANEOUS SHELLFISH, ETC.		TOTAL			
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
1953. . . . .	(2)	(1)	5,291	(1)	7,995	(1)
1954. . . . .	(2)	(1)	5,512	(1)	11,900	(1)
1955. . . . .	(2)	(1)	5,732	(1)	15,281	(1)
1956. . . . .	(2)	(1)	5,952	(1)	17,952	(1)
1957. . . . .	(2)	(1)	6,173	(1)	24,345	(1)
1958. . . . .	(2)	(1)	6,393	(1)	22,825	(1)
1959. . . . .	220	(1)	6,834	(1)	28,483	(1)
1960. . . . .	220	(1)	7,274	(1)	27,744	(1)
1961. . . . .	(2)	(1)	7,716	(1)	38,324	(1)
1962. . . . .	66	66	9,259	1,942	36,506	5,662
1963 3/ . . . . .	220	66	10,141	2,557	58,534	7,518
1964. . . . .	220	77	11,023	2,993	65,599	9,095
1965. . . . .	220	77	11,023	3,026	75,721	12,420
1966. . . . .	220	80	11,243	3,446	109,125	13,395
1967. . . . .	220	80	11,243	3,446	109,125	13,395

1/ NOT AVAILABLE.

2/ NEGLIGIBLE.

3/ THERE WAS AN ADDITIONAL CATCH OF BLUEFIN (640,000 POUNDS) AND SKIPJACK (596,000 POUNDS) TUNA LANDED AT U.S. ATLANTIC COAST PORTS AND TRANSHIPPED TO PUERTO RICO.

NOTE:--DATA ON THE PUERTO RICO LANDINGS BY LOCAL FISHERMEN ARE FROM THE YEARBOOK OF FISHERY STATISTICS (VARIOUS YEARS), FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS. METRIC TONS HAVE BEEN CONVERTED TO POUNDS BY MULTIPLYING BY 2,204.6. DATA ON TUNA LANDINGS IN PUERTO RICO BY U.S. FISHERMEN WERE OBTAINED BY THE BUREAU.



## PUERTO RICO TUNA LANDINGS ATLANTIC AND PACIFIC OCEANS, 1953-67

(THOUSANDS OF POUNDS)

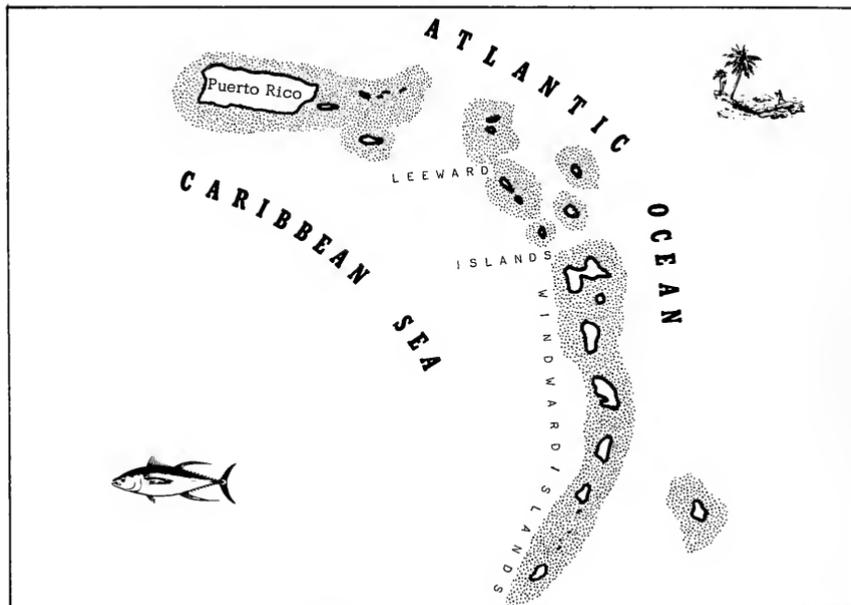
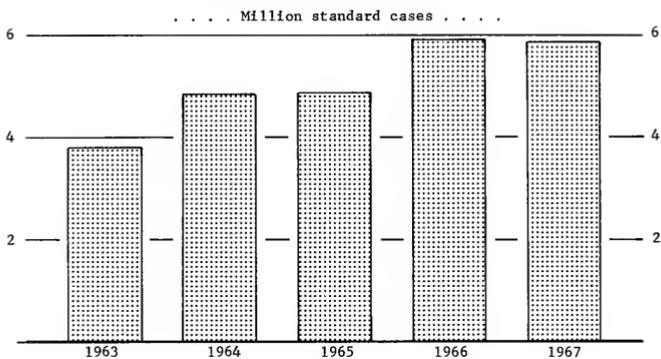
YEAR	BLUEFIN		SKIPJACK		YELLOWFIN		TOTAL		GRAND TOTAL
	ATLANTIC	PACIFIC	ATLANTIC	PACIFIC	ATLANTIC	PACIFIC	ATLANTIC	PACIFIC	
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
1953. . . . .	-	(1)	-	(1)	-	(1)	-	2,704	2,704
1954. . . . .	-	(1)	-	(1)	-	(1)	-	6,388	6,388
1955. . . . .	-	(1)	-	(1)	-	(1)	-	9,549	9,549
1956. . . . .	-	(1)	-	(1)	-	(1)	-	12,000	12,000
1957. . . . .	-	(1)	-	(1)	-	(1)	-	18,393	18,393
1958. . . . .	-	(1)	-	(1)	-	(1)	-	16,652	16,652
1959. . . . .	-	(1)	-	(1)	-	(1)	-	22,090	22,090
1960. . . . .	-	(1)	-	(1)	-	(1)	-	20,910	20,910
1961. . . . .	-	(1)	-	(1)	-	(1)	-	31,050	31,050
1962. . . . .	1,676	-	936	19,150	-	7,028	2,612	26,178	28,790
1963 2/ . . . . .	2,494	-	2,326	28,128	-	4,078	4,820	32,206	37,025
1964. . . . .	4,324	-	6,508	23,939	-	13,622	10,832	37,561	48,393
1965. . . . .	2,346	-	128	41,936	-	10,166	2,474	52,102	54,576
1966. . . . .	248	1,098	-	37,962	-	25,450	248	64,450	64,698
1967. . . . .	838	522	914	76,788	1,620	17,200	3,372	94,510	97,882

1/ NOT AVAILABLE.

2/ THERE WAS AN ADDITIONAL CATCH OF BLUEFIN (640,000 POUNDS) AND SKIPJACK (596,000 POUNDS) TUNA LANDED AT U.S. ATLANTIC COAST PORTS AND TRANSHIPPED TO PUERTO RICO.

## PUERTO RICO FISHERIES

## PUERTO RICO PACK OF CANNED TUNA, 1963-67



# SECTION 12

## HISTORICAL FISHERY STATISTICS

Statistics on 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.

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, follows:

	Published in Statistical Digest	Revised and updated in Statistical Digest
	<u>Number</u>	<u>Number</u>
Menhaden Fishery . . . . .	30	59
Oyster Fishery . . . . .	34	59
Pacific Sardine Fishery . . . . .	36	59
Atlantic Ocean Perch Fishery . . . . .	39	59
Pacific Herring Fishery . . . . .	41	59
United States Haddock Fishery . . . . .	43	59
United States Tuna Fishery . . . . .	44	59
United States Atlantic Cod Fishery . . . . .	49	-
Fur Seal Industry of the Pribilof Islands . . . . .	51	-
Eastern Pacific Halibut Fishery . . . . .	53	-
California Mackerel Fisheries . . . . .	54	-
Atlantic Mackerel Fishery . . . . .	56	-
Commercial Fisheries of the Great Lakes . . . . .	57	60
Potomac River Alewife Fishery; Hudson River and Potomac River Shad Fishery . . . . .	58	59
United States Shrimp Fishery . . . . .	59	-
United States Lobster Fishery . . . . .	59	-
Atlantic Ocean Herring Fishery . . . . .	59	-
Alaska Salmon Fishery . . . . .	60	-
United States Clam Fishery . . . . .	60	-
Vessels Documented as Fishing Craft . . . . .	60	-
Frozen Fishery Trade . . . . .	61	-

The following pages include historical data on the frozen fishery trade.

# HISTORICAL FISHERY STATISTICS

## FROZEN FISHERY TRADE

By

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Bureau of Commercial Fisheries  
U.S. Fish and Wildlife Service  
Washington, D.C.

The United States fishing industry and Government need statistical data on the frozen fishery trade. The statistics provide a measure of the economic condition of the industry, insure orderly production and marketing of frozen seafood commodities, and supply government with information to determine conditions within the trade necessary in protecting and developing industry. Few industries depend more fully on refrigeration than the domestic fish industry.

For many years, the only Federal data available on United States freezings and cold storage holdings of fish and shellfish were those collected by the Department of Agriculture. That Agency began assembling and publishing cold storage holdings of fishery products in 1917. The former Bureau of Fisheries began publication of the data in 1922 but the Department of Agriculture continued to collect and tabulate the information until 1946. In that year, the Department of Interior and the Department of Agriculture entered into a cooperative agreement on the collection and publication of fishery cold storage information and the Bureau of the Budget agreed to the transfer of responsibility for collecting and publishing fishery cold storage data to the Department of the Interior.

Periodic surveys of the adequacy of cold storage statistics are necessary to insure that data accurately indicate changes in the number of reporting warehouses and description of seafood products being processed or held in storage. Revisions in the collection and publication of cold storage information have been made on numerous occasions since publication of the data was first undertaken by the Federal Government in 1917.

The Division of Statistics and Market News, Bureau of Commercial Fisheries, currently publishes monthly and annual frozen fishery products bulletins. They contain summaries of freezings and holdings of fishery products by species and geographical sections, with comparisons for previous periods. A preliminary monthly report is available within two weeks after the end of the period being reported and the final monthly report within 30 days. It includes Canadian cold storage data, data on imports of fresh and frozen fishery products, and other information related to the frozen fish trade. The annual report gives historical summaries of freezings and holdings of fishery products and a directory of cold storage plants engaged in handling fishery products. To be placed on the mailing list to receive monthly and annual frozen fishery products bulletins, a request should be mailed to:

U.S. Department of the Interior  
Bureau of Commercial Fisheries  
Division of Statistics and Market News  
1801 North Moore Street  
Arlington, Virginia 22209

# HISTORICAL FISHERY STATISTICS

## SUMMARY OF COLD STORAGE HOLDINGS, BY MONTHS, 1920-67

(THOUSANDS OF POUNDS)

YEAR AND ITEM	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
1920 . . . . .	51,489	47,063	59,380	50,570	27,731	35,793	47,073	55,602	64,438	67,828	65,387	65,387
1921 . . . . .	53,851	45,111	52,561	40,264	27,951	35,820	47,351	54,469	55,999	61,226	59,126	59,126
1922 . . . . .	48,320	37,742	25,475	17,485	17,076	20,821	25,820	35,197	52,747	63,452	48,320	48,320
1923 . . . . .	40,264	26,519	16,894	11,925	17,679	17,679	35,037	51,197	62,744	63,452	63,452	63,452
1924 . . . . .	32,667	40,451	21,489	21,840	27,115	30,036	49,026	56,607	67,025	70,406	68,325	68,325
1925 . . . . .	35,308	44,034	59,665	22,442	33,749	31,980	40,438	47,474	58,358	61,849	68,048	68,048
1926 . . . . .	38,655	48,654	54,889	34,752	31,343	43,006	57,627	64,557	70,310	75,034	69,584	69,584
1927 . . . . .	39,921	48,654	54,889	34,752	31,343	43,006	57,627	64,557	70,310	75,034	69,584	69,584
1928 . . . . .	53,951	44,877	34,538	26,573	26,573	40,946	55,140	66,170	71,353	75,034	74,768	74,768
1929 . . . . .	62,375	48,364	37,744	31,667	30,174	40,148	51,664	64,910	72,674	75,664	75,664	75,664
1930 . . . . .	55,581	49,012	35,581	25,357	34,139	47,632	64,793	85,338	88,603	91,872	85,338	85,338
1931 . . . . .	71,817	59,501	50,601	38,557	38,557	51,919	67,993	95,303	95,303	73,144	74,725	74,725
1932 . . . . .	64,476	50,601	35,504	25,916	34,311	41,366	51,919	67,993	85,338	91,872	85,338	85,338
1933 . . . . .	45,476	25,855	19,645	15,839	19,645	25,711	44,682	51,475	59,326	59,326	59,326	59,326
1934 . . . . .	44,660	32,363	18,513	15,839	19,645	25,711	44,682	51,475	59,326	59,326	59,326	59,326
1935 . . . . .	31,339	51,195	31,339	22,083	21,774	35,937	50,777	65,601	73,637	77,151	77,151	77,151
1936 . . . . .	44,136	55,195	44,136	35,937	35,937	48,147	59,326	66,540	76,503	76,503	75,034	75,034
1937 . . . . .	87,576	69,629	51,588	42,932	46,330	62,351	76,076	84,068	86,145	92,702	76,503	76,503
1938 . . . . .	73,128	62,184	45,694	37,367	45,931	55,039	66,716	75,882	84,351	90,102	89,991	89,991
1939 . . . . .	68,423	54,329	34,491	24,752	29,901	38,065	51,032	64,703	75,166	76,032	76,658	89,478
1940 . . . . .	8,665	7,924	5,932	5,032	3,584	5,900	5,908	5,082	7,217	7,244	7,913	8,933
TOTAL . . . . .	77,088	62,233	40,423	29,756	35,293	46,960	59,940	72,765	79,383	83,266	84,571	92,431
1940 . . . . .	71,349	56,650	41,591	30,650	30,011	39,439	56,383	71,159	80,369	86,032	87,923	86,862
FISH (SALT- AND FRESH-WATER) . . . . .	7,214	5,972	4,001	3,985	3,745	6,034	5,679	5,321	5,932	7,574	8,126	11,220
SHELLFISH . . . . .	78,563	62,622	45,592	34,635	33,756	45,473	62,062	76,479	86,321	94,006	97,331	100,068
TOTAL . . . . .	85,777	68,594	49,593	38,615	37,501	51,513	67,742	81,802	92,263	101,512	105,454	111,288
1941 . . . . .	65,151	51,933	33,778	24,508	30,759	42,200	58,400	76,676	86,705	93,941	93,390	98,791
FISH: . . . . .	10,879	10,191	9,397	6,618	5,445	5,932	6,469	6,717	7,371	8,323	8,323	8,323
SALT-WATER . . . . .	1,625	1,379	1,537	1,726	2,296	2,277	3,498	2,634	3,328	2,666	2,666	2,666
FRESH-WATER . . . . .	9,254	8,812	7,860	4,892	3,149	3,655	3,271	3,767	4,383	5,700	5,659	5,659
GAIT & ANIMAL FOOD . . . . .	9,225	7,955	5,093	2,905	2,746	5,195	5,582	5,106	5,361	7,566	11,174	13,679
SHELLFISH . . . . .	86,880	71,458	49,805	35,797	41,878	55,117	73,432	90,885	102,191	107,574	115,432	117,905
TOTAL . . . . .	152,031	123,391	83,583	60,325	62,605	97,317	131,832	177,561	208,882	215,148	228,822	236,710
1942: . . . . .	73,867	57,115	40,645	31,297	37,494	47,043	65,190	84,736	94,973	98,126	95,025	81,736
FISH: . . . . .	12,397	9,254	9,254	9,254	9,254	9,254	9,254	9,254	9,254	9,254	9,254	9,254
SALT-WATER . . . . .	1,625	1,379	1,537	1,726	2,296	2,277	3,498	2,634	3,328	2,666	2,666	2,666
FRESH-WATER . . . . .	10,772	7,875	7,717	7,528	7,000	6,977	5,756	6,756	5,926	6,588	6,588	6,588
GAIT & ANIMAL FOOD . . . . .	12,231	11,829	9,402	6,881	6,467	6,325	6,012	4,478	4,669	7,371	7,371	7,371
SHELLFISH . . . . .	99,972	82,677	62,160	49,079	55,036	63,303	81,486	100,088	109,428	115,128	114,936	104,075
TOTAL . . . . .	196,967	157,536	112,252	86,453	97,003	119,653	156,942	194,362	214,081	213,282	217,935	216,736
1943: . . . . .	76,455	57,724	39,478	20,443	14,065	24,848	46,612	62,479	78,599	82,323	81,034	79,190
FISH: . . . . .	12,397	9,254	9,254	9,254	9,254	9,254	9,254	9,254	9,254	9,254	9,254	9,254
SALT-WATER . . . . .	1,625	1,379	1,537	1,726	2,296	2,277	3,498	2,634	3,328	2,666	2,666	2,666
FRESH-WATER . . . . .	10,772	7,875	7,717	7,528	7,000	6,977	5,756	6,756	5,926	6,588	6,588	6,588
GAIT & ANIMAL FOOD . . . . .	5,000	1,720	1,026	1,034	1,642	2,449	2,850	2,867	2,844	2,329	2,222	3,093
SHELLFISH . . . . .	7,268	5,932	4,726	2,930	1,647	3,125	4,810	4,651	5,574	7,319	9,038	10,759
TOTAL . . . . .	98,260	74,949	52,902	29,782	21,371	34,755	59,126	75,438	93,121	98,225	99,486	104,650

(CONTINUED ON NEXT PAGE)

SEE NOTE AT END OF TABLE.

# HISTORICAL FISHERY STATISTICS

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## SUMMARY OF COLD STORAGE HOLDINGS, BY MONTHS, 1920-67 - Continued

(THOUSANDS OF POUNDS)

YEAR AND ITEM	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
1944:												
FISH:												
T-WATER	71,570	58,869	45,318	33,259	34,725	51,017	69,659	90,645	104,484	110,438	106,989	101,428
FRESH-WATER	13,782	13,176	12,888	11,245	10,451	11,982	12,430	12,214	11,272	10,515	10,944	10,333
BAIT & ANIMAL FOOD	2,826	2,789	2,553	2,189	1,788	2,478	2,318	2,704	2,638	2,789	2,564	2,497
SHELLFISH	11,236	10,256	9,998	6,277	4,581	4,465	4,278	4,278	4,561	7,822	11,427	13,622
TOTAL	99,354	85,060	69,857	52,969	51,545	69,672	88,842	109,841	123,251	131,584	130,914	128,223
1945:												
FISH:												
SALT-WATER	84,537	59,131	37,686	26,470	20,567	30,016	49,057	70,239	94,935	106,510	110,581	112,178
FRESH-WATER	9,570	6,783	4,998	4,399	3,020	4,730	7,400	10,257	17,000	17,700	17,388	17,178
BAIT & ANIMAL FOOD	3,686	11,481	5,582	5,609	4,141	4,701	2,672	2,567	2,199	2,065	2,253	3,684
SHELLFISH	12,566	11,480	10,594	7,567	5,793	6,268	5,092	5,486	6,249	13,152	18,502	21,515
TOTAL	109,829	78,971	52,965	39,850	32,509	40,516	59,458	80,383	108,999	127,055	138,434	148,286
1946:												
FISH:												
SALT-WATER	105,295	84,912	70,442	57,807	51,639	61,765	76,584	103,484	127,804	122,826	121,445	125,070
FRESH-WATER	9,119	6,656	4,658	3,686	2,549	3,749	5,749	6,470	9,997	9,367	8,361	8,575
BAIT & ANIMAL FOOD	3,677	2,959	4,054	5,438	6,039	4,930	3,781	3,583	3,583	2,150	2,161	2,875
SHELLFISH	20,517	18,126	15,594	11,981	10,331	11,457	12,030	13,137	13,021	13,712	17,582	20,691
TOTAL	140,208	115,298	93,051	84,265	75,316	84,725	97,606	126,837	152,403	147,085	149,549	158,486
1947:												
FISH:												
SALT-WATER	116,330	99,424	75,638	59,594	51,716	59,975	70,410	92,675	114,687	114,494	111,145	108,223
FRESH-WATER	10,017	8,985	7,369	6,014	4,603	4,220	3,971	4,368	4,921	5,240	6,269	7,417
BAIT & ANIMAL FOOD	4,371	3,416	3,416	4,658	5,277	6,749	5,470	4,142	2,999	2,370	2,976	2,819
SHELLFISH	20,085	13,853	11,516	8,976	7,668	9,789	10,507	9,220	10,323	13,766	20,780	23,968
TOTAL	152,803	127,381	97,939	76,242	70,202	79,733	91,130	110,611	132,930	135,870	140,070	142,102
1948:												
FISH:												
SALT-WATER	95,946	70,393	60,774	49,404	43,938	62,291	76,881	106,255	114,510	116,610	117,901	121,630
FRESH-WATER	8,735	7,247	6,254	4,930	3,759	3,860	4,416	5,008	5,614	6,393	8,476	9,092
BAIT & ANIMAL FOOD	4,410	4,194	4,607	5,868	6,054	4,995	4,743	3,688	2,254	2,358	2,147	2,353
SHELLFISH	24,753	22,212	18,856	16,343	14,337	14,353	14,497	12,540	13,230	14,971	18,293	23,444
TOTAL	133,844	112,046	90,491	76,743	68,268	85,601	100,337	127,474	135,928	140,161	146,949	158,008
1949:												
FISH:												
SALT-WATER	112,533	94,067	75,791	57,513	50,866	66,063	86,132	100,466	120,291	122,351	123,150	118,486
FRESH-WATER	10,179	8,359	7,266	5,657	5,086	5,149	5,035	5,443	6,035	6,324	7,126	7,430
BAIT & ANIMAL FOOD	4,712	20,711	16,881	13,263	11,799	14,507	16,249	15,084	4,436	3,479	2,789	2,819
SHELLFISH	23,772	20,711	15,811	13,263	11,799	14,507	16,249	15,084	15,023	16,893	21,173	28,006
TOTAL	150,974	127,603	104,138	85,722	74,940	91,433	114,031	127,217	146,344	150,608	156,077	158,719
1950:												
FISH:												
SALT-WATER	108,134	90,351	73,587	59,619	53,086	66,328	81,650	101,460	118,566	120,602	123,290	118,555
FRESH-WATER	3,772	3,395	2,895	4,874	5,656	5,928	6,373	4,836	3,597	3,175	2,803	3,282
BAIT & ANIMAL FOOD	25,519	23,146	22,143	18,661	16,584	21,108	22,984	23,440	23,168	25,287	30,380	32,988
SHELLFISH	146,813	125,516	105,818	87,133	79,027	97,773	116,897	137,307	153,623	158,473	166,105	165,394

(CONTINUED ON NEXT PAGE)

SEE NOTE AT END OF TABLE.



## HISTORICAL FISHERY STATISTICS

SUMMARY OF COLD STORAGE HOLDINGS, BY MONTHS, 1920-67 - Continued  
(THOUSANDS OF POUNDS)

YEAR AND ITEM	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
1958:												
FISH:												
FRESH-WATER . . . . .	97,846	69,732	61,426	56,102	66,364	85,768	116,323	136,056	144,741	147,239	146,099	142,358
FRESH-WATER . . . . .	8,975	6,075	4,663	4,547	5,446	5,247	5,247	5,932	6,546	7,032	8,156	9,110
SALT-WATER . . . . .	8,975	7,454	5,456	8,187	11,126	13,244	10,533	8,932	7,993	7,032	8,795	8,610
SALT-WATER . . . . .	41,936	36,377	34,999	31,856	30,760	30,667	33,765	34,815	36,424	45,284	53,362	53,868
TOTAL . . . . .	156,695	121,201	110,574	101,999	113,827	134,576	167,720	187,678	199,656	210,331	217,556	214,516
1959:												
FISH:												
FRESH-WATER . . . . .	117,718	89,180	79,945	82,575	101,182	114,220	135,226	162,028	173,378	167,823	166,499	155,815
FRESH-WATER . . . . .	9,225	7,430	6,730	5,934	5,474	5,743	6,209	6,949	7,882	8,117	8,290	7,966
SALT-WATER . . . . .	6,668	10,471	9,918	11,982	14,146	16,821	15,983	14,227	10,850	7,116	7,847	8,096
SALT-WATER . . . . .	51,155	46,697	44,434	42,473	40,450	39,810	43,489	46,848	48,238	54,470	59,517	60,112
TOTAL . . . . .	187,786	133,778	141,027	142,584	161,234	176,594	200,907	230,032	230,032	237,556	242,137	232,009
1960:												
FISH:												
FRESH-WATER . . . . .	138,544	115,207	86,899	79,029	89,576	106,579	130,591	145,492	157,107	152,611	159,129	146,279
FRESH-WATER . . . . .	7,413	5,692	4,863	4,070	5,386	4,663	4,369	5,395	6,099	7,416	7,235	8,256
SALT-WATER . . . . .	55,967	51,143	41,972	39,793	36,567	36,621	40,220	45,463	49,591	56,327	64,573	66,491
TOTAL . . . . .	209,468	180,452	142,880	133,765	146,579	165,822	193,461	210,519	223,396	223,188	237,163	230,463
1961:												
FISH:												
FRESH-WATER . . . . .	122,983	84,414	85,925	81,341	87,192	102,687	125,723	139,616	146,566	145,593	141,399	133,456
FRESH-WATER . . . . .	9,137	6,283	5,272	4,977	5,332	5,997	6,562	7,163	8,133	7,693	8,504	9,946
SALT-WATER . . . . .	63,691	61,618	54,984	51,220	46,459	41,332	37,379	34,596	34,371	42,328	44,462	42,613
TOTAL . . . . .	203,610	172,280	157,281	150,157	157,734	170,225	189,475	198,793	203,672	206,860	207,069	196,733
1962:												
FISH:												
FRESH-WATER . . . . .	117,330	95,968	72,604	70,494	81,024	98,015	124,019	146,614	162,350	155,371	157,629	154,771
FRESH-WATER . . . . .	8,124	7,116	5,484	5,467	5,505	6,400	7,528	7,968	7,893	9,134	9,803	8,687
SALT-WATER . . . . .	10,384	8,900	8,982	13,323	17,906	19,629	17,888	15,224	11,073	9,089	8,597	8,450
SALT-WATER . . . . .	48,097	41,619	36,354	35,356	32,446	32,313	33,627	35,906	36,026	43,282	52,133	54,489
TOTAL . . . . .	176,935	153,603	123,454	124,640	136,861	156,959	185,022	205,714	218,118	218,812	227,864	230,327
1963:												
FISH:												
FRESH-WATER . . . . .	132,952	106,330	83,771	90,136	97,163	109,137	136,681	156,575	159,289	157,659	158,934	151,954
FRESH-WATER . . . . .	10,948	10,611	12,144	13,021	17,956	20,954	21,480	19,184	12,287	7,430	5,922	6,708
SALT-WATER . . . . .	51,416	51,757	51,830	50,269	50,385	49,929	53,976	54,628	56,901	68,022	74,603	76,922
TOTAL . . . . .	201,679	174,946	139,511	136,897	170,705	186,306	218,515	229,599	233,926	243,452	248,654	244,070
1964:												
FISH:												
FRESH-WATER . . . . .	131,143	101,057	89,045	85,886	90,281	100,904	128,100	147,765	159,161	145,026	142,911	132,840
FRESH-WATER . . . . .	8,102	6,649	6,122	5,827	6,287	6,687	6,389	6,734	7,509	7,664	7,483	7,532
SALT-WATER . . . . .	6,668	7,106	7,835	8,654	13,418	17,296	16,197	14,147	11,285	6,545	6,989	7,060
SALT-WATER . . . . .	74,006	62,023	59,130	55,031	51,715	51,712	48,850	46,807	46,687	53,382	60,724	67,154
TOTAL . . . . .	219,919	177,543	162,679	153,693	162,301	176,649	199,532	215,724	219,642	212,637	216,107	214,606

(CONTINUED ON NEXT PAGE)

SEE NOTE AT END OF TABLE.

# HISTORICAL FISHERY STATISTICS

## SUMMARY OF COLD STORAGE HOLDINGS, BY MONTHS, 1920-67 - Continued

(THOUSANDS OF POUNDS)

YEAR AND ITEM	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
1965:												
FISH . . . . .	117,868	94,380	72,417	67,891	81,986	95,623	118,559	141,678	162,666	180,514	154,960	151,424
SALT-WATER . . . . .	7,165	6,274	5,118	4,789	5,045	4,681	5,099	5,829	7,401	8,786	9,369	9,479
FRESH-WATER . . . . .	6,765	6,404	8,536	12,194	18,454	22,567	21,613	17,559	10,771	9,226	8,231	9,432
BAIT & ANIMAL FOOD . . . . .	62,996	61,638	57,362	54,571	50,342	48,038	51,001	50,357	52,478	59,066	65,047	69,889
SHELLFISH . . . . .	194,794	168,786	143,433	139,445	155,827	170,909	196,272	215,423	233,336	235,592	237,607	235,924
TOTAL . . . . .												
1966:												
FISH . . . . .	135,014	107,591	91,962	86,906	89,763	106,609	137,704	178,478	189,308	187,592	187,827	182,854
SALT-WATER . . . . .	9,047	9,182	10,788	14,308	18,228	18,342	16,571	13,986	10,781	8,076	6,121	7,912
FRESH-WATER . . . . .	62,596	55,450	55,015	54,364	51,410	48,374	51,621	48,910	51,298	56,631	64,284	68,038
BAIT & ANIMAL FOOD . . . . .	215,263	180,316	164,779	164,431	165,474	179,634	212,439	248,008	258,908	262,470	271,828	271,027
TOTAL . . . . .												
1967:												
FISH . . . . .	169,112	143,524	124,254	110,485	105,098	105,426	138,246	155,108	165,426	153,410	156,730	157,668
SALT-WATER . . . . .	7,522	4,628	4,829	4,628	4,817	4,742	5,046	6,104	7,053	6,796	7,420	8,479
FRESH-WATER . . . . .	10,046	11,415	12,884	15,290	17,598	17,531	18,424	12,375	8,337	7,949	8,253	10,565
BAIT & ANIMAL FOOD . . . . .	66,052	62,595	62,205	59,550	55,457	56,280	64,719	66,466	66,629	70,103	75,355	78,060
SHELLFISH . . . . .	252,732	223,930	204,172	189,953	182,970	183,979	226,435	240,073	247,465	238,256	247,738	252,772
TOTAL . . . . .												

NOTE:--PRIOR TO 1943, DATA WERE REPORTED ON THE 15TH OF EACH MONTH; 1943-53 ON THE FIRST OF EACH MONTH; AND SINCE 1953, ON THE LAST DAY OF THE MONTH.



## HISTORICAL FISHERY STATISTICS

**NUMBER OF COLD STORAGE WAREHOUSES  
FREEZING AND STORING FISHERY PRODUCTS, BY AREA, 1945-67**

YEAR	NEW ENGLAND	MIDDLE ATLANTIC	SOUTH ATLANTIC	NORTH CENTRAL, EAST	NORTH CENTRAL, WEST	SOUTH CENTRAL	PACIFIC	ALASKA	TOTAL
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
1945	25	51	24	38	11	22	34	8	213
1946	27	44	26	36	11	28	34	9	215
1947	25	42	26	37	9	32	38	11	220
1948	29	45	30	46	19	46	36	11	262
1949	28	37	29	41	19	48	41	17	260
1950	32	38	29	38	19	47	43	14	260
1951	39	41	25	39	19	47	42	10	262
1952	41	42	27	39	21	48	48	12	278
1953	43	43	26	37	21	49	47	11	277
1954	43	44	26	36	25	47	46	11	277
1955	40	40	40	36	25	60	53	12	506
1956	38	41	35	37	26	62	45	12	296
1957	40	43	35	36	24	59	51	11	299
1958	42	45	33	35	25	55	47	10	282
1959	39	42	30	37	22	52	59	12	293
1960	43	37	29	35	22	49	56	11	282
1961	42	39	31	36	23	51	45	13	280
1962	42	39	31	36	25	50	45	13	281
1963	40	40	40	36	24	51	45	15	312
1964	40	40	46	43	24	51	48	15	312
1965	42	37	42	42	24	51	49	15	306
1966	43	39	46	42	24	49	49	14	311
1967	43	40	41	41	25	52	48	17	305

NOTE:--DATA NOT AVAILABLE PRIOR TO 1945. THE AREAS 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, SOUTH CAROLINA, GEORGIA, AND FLORIDA.  
 NORTH ATLANTIC -- OHIO, INDIANA, ILLINOIS, MICHIGAN, AND WISCONSIN.  
 NORTH CENTRAL, EAST -- OHIO, INDIANA, ILLINOIS, MICHIGAN, AND WISCONSIN.  
 NORTH CENTRAL, WEST -- MINNESOTA, IOWA, MISSOURI, NEBRASKA, NEBRASKA, AND KANSAS.  
 SOUTH CENTRAL -- KENTUCKY, TENNESSEE, ALABAMA, MISSISSIPPI, LOUISIANA, TEXAS, OKLAHOMA, AND ARKANSAS.  
 PACIFIC -- WASHINGTON, OREGON, CALIFORNIA, COLORADO, UTAH, ARIZONA, AND IDAHO.  
 ALASKA.

# HISTORICAL FISHERY STATISTICS

## HOLDINGS OF BLOCKS, BY MONTHS, 1954-67

(THOUSANDS OF POUNDS)

YEAR	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
1954	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	9,378	12,516	11,701
1955	11,705	11,827	13,123	11,424	11,507	10,432	12,033	14,106	15,397	16,244	16,008	13,110
1956	11,770	10,106	9,069	9,824	8,932	10,495	11,533	13,711	15,081	14,955	11,819	10,883
1957	8,576	5,659	3,637	3,626	2,769	3,776	7,912	9,554	9,850	7,456	8,615	8,857
1958	6,932	4,766	4,456	2,900	4,540	6,738	11,040	14,192	18,583	17,327	15,349	15,428
1959	11,580	9,032	7,632	9,679	9,996	9,662	16,305	26,004	26,022	23,397	23,236	23,413
1960	25,707	21,817	16,647	13,843	14,433	13,041	18,287	21,937	25,332	24,068	23,284	24,835
1961	21,773	17,979	14,037	14,242	13,686	17,679	24,166	23,517	24,061	21,156	20,025	17,677
1962	14,130	12,637	8,338	7,549	9,982	12,780	21,506	27,248	29,393	25,188	24,836	24,388
1963	20,723	15,177	9,409	10,336	11,701	15,588	21,733	27,351	29,266	26,080	25,016	23,010
1964	24,754	17,178	10,876	9,530	15,028	19,670	26,164	29,984	30,989	27,284	36,230	37,367
1965	35,832	29,380	23,444	24,438	23,017	27,343	36,158	43,482	44,327	40,980	37,344	35,327
1966	35,850	29,605	23,327	24,950	20,070	19,732	28,139	30,280	34,001	35,210	29,078	35,345
1967	34,816	29,605	23,327	24,950	20,070	19,732	28,139	30,280	34,001	35,210	29,078	35,345

1/ PRIOR TO OCTOBER 1954, HOLDINGS OF SALT-WATER BLOCKS WERE INCLUDED WITH UNCLASSIFIED FILLETS.

## HISTORICAL FISHERY STATISTICS

### HOLDINGS OF COD FILLETS AND STEAKS, BY MONTHS, 1936-67

(THOUSANDS OF POUNDS)

YEAR	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
1936	(1)	(1)	(1)	(1)	(1)	(1)	1,194	1,790	1,585	1,562	1,379	1,582
1937	1,761	1,543	1,416	1,434	1,582	1,034	2,767	2,995	2,955	2,620	2,409	2,518
1938	2,452	2,353	1,864	2,107	2,856	2,955	3,504	2,987	2,326	1,624	1,641	1,876
1939	1,466	1,080	686	686	1,416	1,376	2,347	2,775	2,277	1,913	1,993	2,996
1940	2,261	1,416	724	466	532	686	1,104	1,595	1,721	1,815	2,681	3,001
1941	2,621	2,020	1,340	1,201	1,742	2,157	2,620	2,616	2,421	2,312	3,223	3,233
1942	2,134	1,634	1,390	1,390	2,357	2,761	2,812	3,532	3,848	3,498	3,197	2,653
1943	2,214	2,010	1,736	2,096	2,465	2,465	2,871	2,965	2,659	2,509	2,351	2,628
1944	3,431	3,431	1,931	2,029	1,807	1,807	2,403	2,979	2,745	2,574	2,574	2,574
1945	5,035	3,431	1,566	1,931	1,607	1,607	2,403	2,979	4,389	5,154	6,146	6,411
1946	8,718	7,642	6,683	8,009	7,820	6,984	5,413	8,923	10,507	9,436	9,895	10,592
1947	11,578	11,390	8,065	7,003	5,729	5,967	5,649	5,079	4,872	4,811	5,321	5,644
1948	8,656	7,607	6,390	6,390	7,592	7,592	4,597	7,382	6,304	9,341	7,805	8,496
1949	8,656	7,607	6,390	6,390	7,592	7,592	5,363	7,683	6,059	7,036	6,036	6,836
1950	6,351	5,164	4,615	5,464	6,227	6,524	7,532	8,489	9,550	10,064	10,416	10,086
1951	9,219	7,533	5,470	5,654	4,939	5,653	5,269	4,848	5,167	6,047	4,535	4,536
1952	15,432	10,595	12,304	10,595	9,354	10,972	12,905	14,856	13,312	16,347	15,493	15,493
1953	15,432	10,595	12,304	10,595	9,354	10,972	12,905	14,856	13,312	16,347	15,493	15,493
1954	7,635	7,613	6,172	6,172	5,031	5,616	12,263	15,356	15,630	10,478	10,445	7,601
1955	9,000	8,413	6,264	7,907	7,293	7,504	7,865	8,050	7,610	7,794	7,653	6,951
1956	7,594	6,171	7,025	7,441	7,230	7,316	7,939	8,437	10,374	10,578	10,884	10,261
1957	4,976	3,954	4,267	4,441	4,386	4,109	7,998	9,468	9,499	7,800	7,760	6,638
1958	4,976	3,954	4,267	4,441	4,386	4,109	7,998	9,468	9,499	7,800	7,760	6,638
1959	5,406	3,935	4,351	4,960	11,579	11,585	12,656	13,145	14,316	13,730	13,418	14,447
1960	12,550	11,453	9,390	8,141	7,507	9,080	9,781	9,941	7,572	8,184	8,394	7,803
1961	5,922	4,969	5,254	5,468	7,114	7,918	8,510	8,941	7,572	8,905	9,179	7,055
1962	5,922	4,969	5,254	5,468	7,114	7,918	8,510	8,941	7,572	8,905	9,179	7,055
1963	6,562	6,562	6,562	6,562	7,166	7,679	7,715	8,934	8,736	8,736	10,278	8,917
1964	7,727	7,018	6,182	7,599	6,733	6,469	6,469	6,878	7,024	6,683	6,381	6,220
1965	5,653	3,966	4,620	4,585	5,073	5,073	4,864	6,912	5,682	5,653	6,012	5,692
1966	4,776	4,671	6,274	7,707	9,112	9,508	9,247	10,958	11,603	12,794	11,792	12,687
1967	13,686	11,679	9,595	7,675	6,531	5,482	8,119	6,318	6,066	6,344	6,690	6,367

✓ PRIOR TO JULY 1936, THIS ITEM WAS INCLUDED WITH "COD, HADDOCK, HAKE, AND POLLOCK."

# HISTORICAL FISHERY STATISTICS

419

## HOLDINGS OF FLOUNDER FILLETS, BY MONTHS, 1945-67 (THOUSANDS OF POUNDS)

YEAR	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER	
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY																
1945	535	432	236	190	206	456	532	767	781	2,258	2,913	3,323	3,860	4,340	4,839	5,266	5,699	6,100	6,500	6,948	7,465	7,954	8,464	
1946	2,239	1,776	1,278	1,241	1,881	1,661	1,595	2,246	1,982	3,969	4,326	4,744	5,161	5,578	5,995	6,412	6,829	7,246	7,663	8,080	8,497	8,914	9,331	
1947	1,947	1,630	1,066	1,275	1,462	1,156	1,341	1,750	1,381	2,213	2,570	2,927	3,284	3,641	3,998	4,355	4,712	5,069	5,426	5,783	6,140	6,497	6,854	
1948	1,521	831	367	675	574	1,196	2,363	1,850	1,361	1,480	1,599	1,718	1,837	1,956	2,075	2,194	2,313	2,432	2,551	2,670	2,789	2,908	3,027	
1949	4,699	4,082	3,130	2,368	2,240	1,635	1,636	2,004	2,735	3,047	3,359	3,671	3,983	4,295	4,607	4,919	5,231	5,543	5,855	6,167	6,479	6,791	7,103	
1950	2,866	2,233	1,524	673	604	1,062	1,956	3,000	3,069	2,913	2,800	2,687	2,574	2,461	2,348	2,235	2,122	2,009	1,896	1,783	1,670	1,557	1,444	
1951	3,596	2,900	1,748	931	845	1,981	1,337	1,982	3,252	3,522	3,792	4,062	4,332	4,602	4,872	5,142	5,412	5,682	5,952	6,222	6,492	6,762	7,032	
1952	5,627	5,208	4,063	2,691	3,169	2,944	4,172	4,230	4,690	4,839	4,988	5,137	5,286	5,435	5,584	5,733	5,882	6,031	6,180	6,329	6,478	6,627	6,776	
1953	6,624	5,031	4,959	3,077	2,857	3,425	3,356	3,287	3,218	3,149	3,080	2,911	2,842	2,773	2,704	2,635	2,566	2,497	2,428	2,359	2,290	2,221	2,152	
1954	4,591	3,860	1,779	1,686	2,499	3,126	4,174	5,056	5,183	5,259	5,335	5,411	5,487	5,563	5,639	5,715	5,791	5,867	5,943	6,019	6,095	6,171	6,247	
1955	5,930	5,164	3,879	3,527	3,441	4,141	4,328	4,716	5,088	5,458	5,828	6,198	6,568	6,938	7,308	7,678	8,048	8,418	8,788	9,158	9,528	9,898	10,268	
1956	4,390	4,157	2,210	3,650	3,347	3,465	4,273	4,749	5,225	5,701	6,177	6,653	7,129	7,605	8,081	8,557	9,033	9,509	9,985	10,461	10,937	11,413	11,889	
1957	5,374	2,662	1,711	1,234	1,856	3,915	4,549	5,183	5,817	6,451	7,085	7,719	8,353	8,987	9,621	10,255	10,889	11,523	12,157	12,791	13,425	14,059	14,693	
1958	4,083	3,374	2,460	1,234	1,095	3,115	3,659	4,203	4,747	5,291	5,835	6,379	6,923	7,467	8,011	8,555	9,099	9,643	10,187	10,731	11,275	11,819	12,363	
1959																								
1960																								
1961	6,515	4,463	3,607	2,218	3,354	4,933	6,436	7,939	9,442	10,945	12,448	13,951	15,454	16,957	18,460	19,963	21,466	22,969	24,472	25,975	27,478	28,981	30,484	
1962	5,508	4,383	2,938	3,242	3,429	4,164	4,778	5,289	5,800	6,311	6,822	7,333	7,844	8,355	8,866	9,377	9,888	10,399	10,910	11,421	11,932	12,443	12,954	
1963	5,352	3,411	2,326	2,132	2,591	3,367	4,350	5,701	6,475	7,132	7,889	8,646	9,403	10,160	10,917	11,674	12,431	13,188	13,945	14,702	15,459	16,216	16,973	
1964	7,459	6,033	4,169	3,575	3,115	3,746	4,173	4,339	4,505	4,671	4,837	5,003	5,169	5,335	5,501	5,667	5,833	5,999	6,165	6,331	6,497	6,663	6,829	
1965	6,126	4,512	3,465	2,688	3,073	4,162	5,466	6,785	8,104	9,423	10,742	12,061	13,380	14,699	16,018	17,337	18,656	19,975	21,294	22,613	23,932	25,251	26,570	
1966	10,069	8,136	6,782	6,194	5,355	5,839	7,750	9,895	12,040	14,185	16,330	18,475	20,620	22,765	24,910	27,055	29,200	31,345	33,490	35,635	37,780	39,925	42,070	
1967																								

NOTE:--DATA NOT AVAILABLE PRIOR TO JANUARY 1945.

## HISTORICAL FISHERY STATISTICS

## HOLDINGS OF HADDOCK FILLETS, BY MONTHS, 1930-67

[THOUSANDS OF POUNDS]

YEAR	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER	
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
1930	3,738	3,070	2,538	4,240	3,104	3,853	5,123	7,153	9,045	9,803	9,803	9,803	8,107	8,107	8,107	8,107	8,107	8,107	8,107	8,107	8,107	8,107	8,107	8,107
1931	5,619	3,510	3,659	4,740	3,104	3,853	5,123	7,153	9,045	9,803	9,803	9,803	8,107	8,107	8,107	8,107	8,107	8,107	8,107	8,107	8,107	8,107	8,107	8,107
1932	5,619	3,510	3,659	4,740	3,104	3,853	5,123	7,153	9,045	9,803	9,803	9,803	8,107	8,107	8,107	8,107	8,107	8,107	8,107	8,107	8,107	8,107	8,107	8,107
1933	2,120	2,468	1,441	2,881	3,258	3,149	3,495	4,000	4,781	4,781	4,781	4,781	4,781	4,781	4,781	4,781	4,781	4,781	4,781	4,781	4,781	4,781	4,781	4,781
1934	3,970	2,468	843	1,466	2,346	4,003	3,598	5,723	7,361	7,361	7,361	7,361	7,361	7,361	7,361	7,361	7,361	7,361	7,361	7,361	7,361	7,361	7,361	7,361
1935	5,245	5,234	4,365	4,353	4,353	5,325	6,151	7,489	6,330	6,330	6,330	6,330	6,330	6,330	6,330	6,330	6,330	6,330	6,330	6,330	6,330	6,330	6,330	6,330
1936	6,452	5,305	4,203	4,732	4,013	4,178	5,653	6,784	7,323	7,323	7,323	7,323	7,323	7,323	7,323	7,323	7,323	7,323	7,323	7,323	7,323	7,323	7,323	7,323
1938	5,194	4,313	3,008	4,642	5,893	5,429	5,737	6,672	8,761	8,761	8,761	8,761	8,761	8,761	8,761	8,761	8,761	8,761	8,761	8,761	8,761	8,761	8,761	8,761
1939	4,602	3,027	1,568	1,404	2,086	2,776	4,108	5,967	7,591	7,591	7,591	7,591	7,591	7,591	7,591	7,591	7,591	7,591	7,591	7,591	7,591	7,591	7,591	7,591
1940	4,727	3,303	1,728	1,071	1,724	2,073	3,693	6,269	7,934	7,934	7,934	7,934	7,934	7,934	7,934	7,934	7,934	7,934	7,934	7,934	7,934	7,934	7,934	7,934
1941	5,056	4,134	2,701	2,270	3,216	4,537	6,150	8,630	11,184	11,184	11,184	11,184	11,184	11,184	11,184	11,184	11,184	11,184	11,184	11,184	11,184	11,184	11,184	11,184
1942	7,271	4,690	3,364	4,114	5,703	6,555	7,456	8,914	9,648	9,648	9,648	9,648	9,648	9,648	9,648	9,648	9,648	9,648	9,648	9,648	9,648	9,648	9,648	9,648
1943	4,599	3,585	2,391	1,285	1,877	712	1,182	1,485	2,374	2,374	2,374	2,374	2,374	2,374	2,374	2,374	2,374	2,374	2,374	2,374	2,374	2,374	2,374	2,374
1944	2,599	2,439	1,975	1,578	2,441	3,063	4,001	4,965	6,882	6,882	6,882	6,882	6,882	6,882	6,882	6,882	6,882	6,882	6,882	6,882	6,882	6,882	6,882	6,882
1945	3,256	2,425	1,754	1,359	2,154	2,354	2,591	3,643	5,130	5,130	5,130	5,130	5,130	5,130	5,130	5,130	5,130	5,130	5,130	5,130	5,130	5,130	5,130	5,130
1946	3,256	2,425	1,754	1,359	2,154	2,354	2,591	3,643	5,130	5,130	5,130	5,130	5,130	5,130	5,130	5,130	5,130	5,130	5,130	5,130	5,130	5,130	5,130	5,130
1947	4,874	3,948	2,761	3,444	6,043	6,769	8,668	10,715	13,501	13,501	13,501	13,501	13,501	13,501	13,501	13,501	13,501	13,501	13,501	13,501	13,501	13,501	13,501	13,501
1948	6,073	4,077	3,305	3,404	3,883	3,474	4,747	7,210	7,007	7,007	7,007	7,007	7,007	7,007	7,007	7,007	7,007	7,007	7,007	7,007	7,007	7,007	7,007	7,007
1949	7,157	5,050	5,030	4,071	6,133	6,970	7,615	7,773	7,773	7,773	7,773	7,773	7,773	7,773	7,773	7,773	7,773	7,773	7,773	7,773	7,773	7,773	7,773	7,773
1950	3,695	2,997	2,261	3,274	4,181	4,756	6,195	8,000	10,502	10,502	10,502	10,502	10,502	10,502	10,502	10,502	10,502	10,502	10,502	10,502	10,502	10,502	10,502	10,502
1951	3,243	9,077	7,316	6,279	8,156	9,121	9,438	10,232	10,638	10,638	10,638	10,638	10,638	10,638	10,638	10,638	10,638	10,638	10,638	10,638	10,638	10,638	10,638	10,638
1952	5,782	3,402	3,598	6,865	9,513	9,488	10,232	12,118	12,759	12,759	12,759	12,759	12,759	12,759	12,759	12,759	12,759	12,759	12,759	12,759	12,759	12,759	12,759	12,759
1953	11,143	10,077	9,609	10,571	11,702	11,340	11,282	12,035	12,201	12,201	12,201	12,201	12,201	12,201	12,201	12,201	12,201	12,201	12,201	12,201	12,201	12,201	12,201	12,201
1954	6,838	7,337	7,488	8,737	10,330	13,617	16,199	15,811	15,791	15,791	15,791	15,791	15,791	15,791	15,791	15,791	15,791	15,791	15,791	15,791	15,791	15,791	15,791	15,791
1955	6,327	7,197	8,712	11,832	12,130	12,702	12,149	11,230	11,230	11,230	11,230	11,230	11,230	11,230	11,230	11,230	11,230	11,230	11,230	11,230	11,230	11,230	11,230	11,230
1956	6,327	7,197	8,712	11,832	12,130	12,702	12,149	11,230	11,230	11,230	11,230	11,230	11,230	11,230	11,230	11,230	11,230	11,230	11,230	11,230	11,230	11,230	11,230	11,230
1957	6,304	6,256	7,916	8,488	8,991	8,991	8,482	8,482	8,482	8,482	8,482	8,482	8,482	8,482	8,482	8,482	8,482	8,482	8,482	8,482	8,482	8,482	8,482	8,482
1958	4,370	2,748	5,078	7,114	7,179	5,800	6,306	6,306	6,306	6,306	6,306	6,306	6,306	6,306	6,306	6,306	6,306	6,306	6,306	6,306	6,306	6,306	6,306	6,306
1959	4,500	4,233	5,926	8,637	11,337	11,337	11,540	11,540	11,540	11,540	11,540	11,540	11,540	11,540	11,540	11,540	11,540	11,540	11,540	11,540	11,540	11,540	11,540	11,540
1960	8,408	7,905	7,268	10,415	7,568	7,568	8,920	8,920	8,920	8,920	8,920	8,920	8,920	8,920	8,920	8,920	8,920	8,920	8,920	8,920	8,920	8,920	8,920	8,920
1961	7,272	7,035	6,363	10,418	10,897	10,576	10,804	10,908	11,724	11,724	11,724	11,724	11,724	11,724	11,724	11,724	11,724	11,724	11,724	11,724	11,724	11,724	11,724	11,724
1962	8,096	7,428	6,405	6,642	6,405	6,642	6,642	6,642	6,642	6,642	6,642	6,642	6,642	6,642	6,642	6,642	6,642	6,642	6,642	6,642	6,642	6,642	6,642	6,642
1963	5,046	3,887	4,405	6,186	6,274	7,033	6,479	7,149	7,149	7,149	7,149	7,149	7,149	7,149	7,149	7,149	7,149	7,149	7,149	7,149	7,149	7,149	7,149	7,149
1964	3,573	3,265	3,265	4,213	4,213	4,213	4,213	4,213	4,213	4,213	4,213	4,213	4,213	4,213	4,213	4,213	4,213	4,213	4,213	4,213	4,213	4,213	4,213	4,213
1965	5,821	4,570	5,412	5,710	6,700	6,909	6,909	6,909	6,909	6,909	6,909	6,909	6,909	6,909	6,909	6,909	6,909	6,909	6,909	6,909	6,909	6,909	6,909	6,909
1966	7,025	6,022	5,812	6,440	6,256	6,508	7,257	7,257	7,257	7,257	7,257	7,257	7,257	7,257	7,257	7,257	7,257	7,257	7,257	7,257	7,257	7,257	7,257	7,257
1967	7,025	6,022	5,812	6,440	6,256	6,508	7,257	7,257	7,257	7,257	7,257	7,257	7,257	7,257	7,257	7,257	7,257	7,257	7,257	7,257	7,257	7,257	7,257	7,257

NOTE: --DATA NOT AVAILABLE. PRIOR TO JANUARY 1930.

# HISTORICAL FISHERY STATISTICS

## HOLDINGS OF HALIBUT FILLETS AND STEAKS, BY MONTHS, 1955-67

(THOUSANDS OF POUNDS)

YEAR	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
1955	1,266	1,482	1,712	1,514	1,893	2,161	2,690	2,432	2,825	2,372	2,463	2,066
1956	2,201	1,878	1,368	1,672	1,257	1,688	1,925	2,514	2,708	2,991	3,064	3,182
1957	3,074	2,705	2,170	2,060	2,096	2,299	2,807	3,197	2,862	3,189	2,947	2,705
1958	2,572	2,197	2,037	1,895	1,516	2,076	2,349	2,860	2,995	3,655	3,952	3,624
1959	2,401	2,379	2,098	2,066	1,777	1,928	2,114	2,864	3,310	2,599	3,125	2,684
1960	2,529	2,293	2,650	2,247	2,120	2,096	2,971	1,907	2,714	2,154	1,999	1,940
1961	2,372	2,429	2,199	1,741	1,533	2,019	1,965	2,146	2,634	3,878	2,795	2,066
1962	2,964	1,426	1,202	1,168	1,202	1,124	1,667	2,002	2,480	3,000	3,675	2,953
1963	2,667	2,266	2,385	2,350	1,940	2,156	2,473	3,107	3,801	4,056	3,691	2,803
1964	2,359	2,155	1,741	1,353	1,219	1,741	2,827	3,032	3,075	3,075	3,593	2,326
1965	2,371	1,922	1,364	1,132	1,185	1,360	2,403	2,497	2,497	2,688	2,407	2,249
1966	2,372	2,837	2,187	1,501	1,564	2,085	2,691	3,035	3,119	2,544	3,271	3,490

NOTE: --DATA NOT AVAILABLE PRIOR TO JANUARY 1955.

## HISTORICAL FISHERY STATISTICS

## HOLDINGS OF OCEAN PERCH FILLETS, BY MONTHS, 1937-67

(THOUSANDS OF POUNDS)

YEAR	MONTHS											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1937	4,063	4,012	2,571	1,096	406	1,433	1,929	2,387	2,244	1,277	1,924	2,502
1938	3,729	3,244	2,549	1,623	1,704	2,705	2,663	3,211	3,280	2,735	2,363	1,782
1939	1,224	1,086	591	553	433	2,369	3,033	3,715	3,206	3,218	3,381	3,303
1940	3,237	3,029	2,394	1,450	516	1,594	1,987	2,597	2,079	1,655	1,465	1,370
1941	1,460	867	552	1,215	2,591	4,173	4,610	4,631	4,911	4,781	5,243	4,707
1942	3,218	2,541	3,138	2,656	3,306	2,990	3,560	4,687	5,358	4,787	3,466	2,153
1943	1,215	1,417	1,280	686	332	1,461	1,892	2,221	3,151	3,990	3,642	3,159
1944	2,759	1,970	1,361	1,066	757	1,763	2,838	3,960	4,176	4,176	4,176	4,176
1945	2,491	3,302	2,585	1,793	1,392	2,849	4,894	9,564	11,875	12,039	14,140	15,535
1946	15,260	12,481	9,347	6,203	5,057	4,838	5,277	5,448	7,929	8,986	10,020	10,015
1947	10,273	8,062	6,560	6,150	5,786	6,860	6,379	10,562	11,197	11,473	13,055	14,217
1948	12,683	9,628	7,031	3,677	3,378	6,090	6,626	11,516	14,026	14,073	13,654	14,476
1950	14,142	11,627	9,659	6,796	7,248	7,443	9,270	9,429	10,201	9,607	10,143	10,396
1951	9,720	6,732	6,182	8,093	9,996	12,283	13,702	14,720	16,864	17,843	18,396	19,719
1952	20,628	17,483	13,548	10,185	9,504	9,607	12,024	14,723	17,020	17,639	17,577	19,632
1953	18,796	15,680	12,251	9,300	8,318	8,948	14,108	16,549	17,932	16,595	15,668	14,348
1954	11,436	9,161	7,523	7,941	6,633	8,185	10,437	12,421	13,345	13,345	13,345	13,345
1955	12,972	9,537	8,511	8,795	8,909	11,761	14,744	17,918	21,703	23,301	23,534	23,475
1957	17,566	13,840	10,862	9,488	9,134	9,893	10,940	14,940	14,482	15,004	15,175	15,111
1958	10,302	6,218	4,764	4,033	4,847	7,427	9,942	14,109	16,493	16,902	16,793	15,820
1959	13,256	9,659	8,030	6,791	6,352	8,615	11,497	14,907	16,073	16,901	15,452	14,923
1960	12,142	9,162	5,216	4,731	7,104	9,975	12,676	14,379	14,466	13,893	14,674	13,742
1961	10,107	7,012	5,549	4,639	5,178	7,338	8,353	10,636	11,910	13,213	12,981	12,981
1962	9,681	7,075	4,732	4,254	6,214	8,221	9,806	11,243	13,645	13,375	13,155	13,556
1963	10,106	7,500	5,141	5,504	7,146	9,032	10,564	13,063	13,944	14,804	15,919	16,339
1964	13,123	10,068	6,940	6,864	8,683	10,583	12,421	14,816	16,739	18,085	18,877	19,810
1965	9,885	6,860	4,783	4,685	6,599	8,596	10,273	12,723	14,816	15,877	16,879	17,813
1966	9,982	6,654	4,760	4,770	6,561	8,401	6,468	10,465	12,448	13,349	15,259	17,013
1967	13,212	12,217	9,786	7,598	5,755	5,401	6,401	9,003	11,692	12,809	16,519	18,036

NOTE: --DATA NOT AVAILABLE PRIOR TO JANUARY 1937.

# HISTORICAL FISHERY STATISTICS

## HOLDINGS OF POLLOCK FILLETS, BY MONTHS, 1936-67 (THOUSANDS OF POUNDS)

YEAR	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
1936	6,314	1,210	4,414	1,822	1,763	1,344	444	757	964	1,617	4,139	5,962
1937	4,062	3,731	2,390	1,655	2,040	1,919	1,243	1,447	1,399	1,881	1,171	3,515
1938	4,280	2,890	1,368	1,332	648	635	1,892	1,076	669	575	2,183	4,738
1939							375	236	178	271	1,099	4,622
1940	5,374	4,459	2,010	1,794	673	667	441	343	235	415	2,131	5,211
1941	4,079	2,677	1,594	1,926	1,403	709	574	372	345	297	2,208	5,146
1942	3,542	2,117	1,680	1,136	1,046	788	594	451	422	692	1,860	3,519
1943	694	1,336	187	97	457	686	385	328	270	207	308	897
1944	1,446	1,034	1,034	1,599	1,277	1,589	542	432	417	426	352	1,615
1945	5,720	5,151	4,263	3,907	2,827	1,889	2,055	2,119	2,232	1,446	1,335	3,612
1946	2,535	2,398	1,966	1,794	1,859	2,177	1,789	1,461	1,280	1,461	1,865	1,305
1947	3,973	3,999	3,380	2,528	2,615	1,531	1,469	1,438	1,244	1,022	929	2,644
1949						2,447	1,980	1,663	1,523	1,213	1,155	1,484
1950	2,095	1,678	1,132	697	1,014	751	757	957	725	880	650	954
1951	1,681	1,610	1,063	530	1,343	925	578	638	560	640	596	927
1952	1,781	1,621	1,732	1,630	1,843	1,944	2,322	2,606	2,543	2,366	2,263	2,618
1953	2,806	2,736	2,200	1,922	1,714	1,602	1,654	1,517	1,320	1,248	1,243	1,602
1954	2,327	2,263	1,518	1,100	1,033	850	1,012	1,194	1,133	1,235	1,449	1,937
1955	944	1,944	1,046	347	620	729	805	805	980	1,235	1,676	2,164
1956	1,851	1,745	1,534	1,450	1,150	963	776	693	680	617	1,011	1,282
1957						300	392	762	774	737	1,112	1,693
1958	1,136	1,594	669	285	300	392	595	1,025	1,297	1,089	1,075	1,660
1959	1,496	1,170	993	1,021	1,057	998	1,093					
1960	1,453	1,085	678	1,234	924	782	487	379	375	506	1,041	1,298
1961	1,143	533	533	1,344	468	564	484	612	566	602	1,009	1,373
1962	1,357	1,211	1,013	1,037	839	773	948	861	936	814	979	1,039
1963	982	691	642	342	471	443	454	394	311	514	816	986
1964	1,006	625	681	705	685	580	580	343	343	479	771	1,000
1965	1,015	1,269	1,015	1,080	1,035	795	761	888	908	721	929	1,046
1966	1,671	674	1,684	1,643	459	356	417	530	567	654	995	2,046
1967											664	867

✓ PRIOR TO JULY, 1936 THIS ITEM WAS INCLUDED WITH "COD, HADDOCK, HAKE, AND POLLOCK."

## HISTORICAL FISHERY STATISTICS

### HOLDINGS OF SALMON FILLETS AND STEAKS, BY MONTHS, 1955-67

[THOUSANDS OF POUNDS]

YEAR	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
1955	152	322	240	409	290	341	374	307	347	393	489	478
1956	450	355	315	231	206	767	279	283	480	623	626	669
1957	572	433	417	280	220	285	334	370	611	618	630	635
1958	572	437	442	280	220	285	334	397	611	618	630	695
1959	590	499	514	432	365	322	290	317	269	264	293	323
1960	222	184	188	193	136	97	129	107	162	152	185	168
1961	167	148	205	212	113	148	108	104	117	145	242	149
1962	186	148	198	212	113	148	108	104	117	145	242	149
1963	596	261	249	154	115	105	116	224	122	433	645	741
1964	403	373	204	192	172	139	138	136	125	778	1,247	190
1965	151	289	251	168	183	139	152	209	238	270	390	227
1966	297	244	252	221	215	186	171	222	262	368	408	292
1967	435	354	375	254	286	307	258	327	418	441	496	471

NOTE:--DATA NOT AVAILABLE PRIOR TO JANUARY 1955.

# HISTORICAL FISHERY STATISTICS

## HOLDINGS OF WHITING FILLETS, BY MONTHS, 1945-67 (THOUSANDS OF POUNDS)

YEAR	MONTHS											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
1945	3,135	1,957	1,097	1,030	262	523	1,937	3,452	5,120	6,647	6,607	5,618
1946	5,926	5,457	4,068	2,893	2,513	1,711	2,470	4,097	1,135	3,524	2,416	2,416
1947	2,400	1,637	1,413	1,587	1,096	452	2,086	1,183	3,395	3,076	2,031	2,031
1948	2,405	1,724	1,192	1,581	396	452	2,086	3,183	3,076	3,076	1,836	1,836
1949	1,811	1,724	1,192	884	688	596	598	2,265	3,096	4,022	3,967	3,748
1950	3,573	2,966	2,516	1,708	1,452	1,196	1,725	2,223	3,415	2,468	1,260	1,958
1951	1,060	655	512	398	343	1,531	1,753	1,256	2,701	2,568	2,453	1,938
1952	2,010	2,323	1,430	1,430	1,135	1,326	1,620	1,551	1,732	2,779	2,672	3,176
1953	1,336	1,159	745	1,430	1,135	1,326	1,620	1,744	1,732	2,044	1,748	1,556
1954	1,336	1,159	745	622	571	901	1,157	1,479	1,399	1,556	1,471	1,249
1955	1,978	1,090	615	444	439	853	1,248	1,697	3,251	2,358	1,731	1,911
1956	1,094	1,017	796	747	740	1,106	1,258	1,201	2,009	3,232	3,249	2,877
1957	1,195	1,931	664	547	540	1,643	1,559	3,002	2,647	2,378	2,476	2,501
1958	1,195	1,931	664	547	540	1,643	1,559	3,002	2,647	2,378	2,476	2,501
1959	2,151	1,410	1,218	998	1,193	1,562	1,999	2,703	3,663	3,533	3,634	3,414
1960	2,959	1,872	1,223	923	869	949	1,299	2,169	2,169	2,227	2,341	2,247
1961	1,682	1,200	879	924	869	949	1,299	1,650	2,226	2,226	2,261	2,126
1962	2,825	1,644	1,109	924	497	635	1,146	1,991	2,049	3,013	2,957	2,985
1963	1,845	1,644	1,109	924	497	635	1,146	1,991	2,049	3,013	2,957	2,985
1964	1,374	1,012	804	379	777	1,052	1,851	1,851	2,029	2,050	2,012	1,755
1965	1,183	792	565	379	307	572	1,027	1,287	1,465	1,435	1,388	1,376
1966	1,111	698	444	331	293	432	703	996	1,371	1,483	1,402	1,322
1967	1,241	1,278	1,293	1,200	1,254	928	1,006	1,530	1,546	1,313	1,229	1,529

NOTE:--DATA NOT AVAILABLE PRIOR TO JANUARY 1945.

## HISTORICAL FISHERY STATISTICS

**HOLDINGS OF UNCLASSIFIED FILETS AND STEAKS, BY MONTHS, 1945-67**  
 (THOUSANDS OF POUNDS)

YEAR	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
1945	513	1,035	1,483	1,239	462	1,057	1,062	1,482	1,741	1,434	2,415	1,968
1946	2,518	1,274	1,971	1,971	2,138	1,488	1,889	2,887	2,789	1,845	1,845	1,845
1947	1,643	2,791	2,363	1,972	1,68	1,68	889	2,887	2,789	1,845	1,845	1,845
1948	918	1,390	713	1,552	843	1,893	962	917	907	1,095	1,372	1,455
1949			1,126	820	817	1,295	1,500	1,985	1,999	2,615	2,579	2,716
1950	2,372	1,455	1,272	1,577	966	2,089	3,400	2,849	3,588	3,641	3,747	3,677
1951	3,566	2,588	2,473	1,342	1,774	1,959	3,517	2,849	2,153	2,678	3,747	3,677
1952	2,609	2,688	1,892	3,769	2,745	3,031	3,958	4,142	4,962	5,930	5,937	6,359
1953	6,388	5,946	5,238	5,595	4,541	4,541	7,734	8,527	8,170	8,170	5,225	6,098
1954	7,591	7,008	6,687	6,389	4,902	4,014	4,204	6,663	6,444	5,555	5,598	5,957
1955	4,045	3,163	3,368	3,958	3,700	3,692	3,910	3,781	4,059	3,361	4,064	3,908
1956	3,065	2,314	3,082	3,958	3,700	3,692	3,910	3,781	4,059	3,361	4,064	3,908
1957	4,887	4,314	3,767	3,498	4,394	4,394	4,685	4,351	4,284	6,716	7,424	7,047
1958	5,276	4,859	4,323	4,369	5,963	6,435	6,350	6,703	6,141	5,904	7,629	7,865
1959	6,347	6,347	4,375	5,075	6,709	6,322	5,955	7,673	7,859	5,186	8,379	8,387
1960	8,180	6,726	5,660	4,072	5,106	6,052	6,102	6,026	6,385	6,246	7,314	7,693
1961	5,145	4,844	4,265	4,265	4,076	5,537	6,316	5,222	6,019	6,019	7,081	7,373
1962	6,366	5,832	3,759	3,904	4,476	5,149	4,900	5,885	5,885	6,316	6,316	6,550
1963	5,577	4,956	4,643	4,847	4,909	5,014	5,794	6,141	5,834	5,951	6,166	6,497
1964	5,612	4,710	4,807	4,972	5,378	5,292	6,582	6,930	6,154	6,283	6,789	6,965
1965	5,612	4,710	4,807	4,972	5,378	5,292	6,582	6,930	6,154	6,283	6,789	6,965
1966	5,750	4,750	3,530	4,545	4,394	4,393	4,718	5,235	5,265	5,438	5,000	4,921
1967	8,790	7,084	8,521	6,858	6,413	6,413	7,131	7,593	7,593	5,261	7,775	7,550

NOTE:--DATA NOT AVAILABLE PRIOR TO JANUARY 1945.

# HISTORICAL FISHERY STATISTICS

## HOLDINGS OF HALIBUT (OTHER THAN FILETS), BY MONTHS, 1920-67 (THOUSANDS OF POUNDS)

YEAR	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
1920	7,769	5,375	3,991	3,092	4,195	5,726	6,610	6,630	10,662	10,662	9,791	6,694
1921	9,961	4,117	2,526	1,965	2,773	4,375	6,213	7,693	9,349	8,486	6,869	6,869
1922	6,306	4,605	3,792	2,582	2,679	4,381	4,580	4,635	6,887	6,885	7,905	6,670
1923	3,779	3,754	3,822	3,342	4,074	6,376	5,789	7,192	14,107	14,609	6,870	4,534
1924	5,533	3,754	2,710	3,342	3,647	5,647	11,726	14,107	14,609	13,663	13,663	1,459
1925	4,908	3,754	3,342	3,342	3,647	5,647	11,726	14,107	14,609	13,663	13,663	1,459
1926	6,265	4,221	3,504	1,474	3,047	5,619	8,019	10,769	12,912	12,079	11,432	9,359
1927	6,265	4,221	3,504	3,096	5,109	7,567	9,019	12,233	13,900	14,114	13,031	13,031
1928	9,584	6,193	5,657	4,741	5,657	7,296	8,630	11,284	12,364	11,561	10,456	8,960
1929	4,747	2,868	2,172	2,351	4,124	5,933	7,653	9,449	11,261	12,288	10,457	10,457
1930	6,870	4,586	2,623	2,927	4,317	6,100	7,679	9,989	12,057	11,377	11,425	9,772
1931	7,223	4,666	2,422	2,927	4,168	6,111	10,666	11,617	11,974	11,617	10,157	7,994
1932	5,956	2,875	2,476	2,516	4,082	5,614	6,500	6,938	7,975	7,723	7,131	4,985
1933	2,817	1,785	1,532	1,439	1,677	3,334	5,675	8,372	9,507	9,768	9,243	7,782
1934	1,476	1,059	730	1,632	2,459	2,068	11,115	13,253	13,521	12,500	11,584	9,770
1935	6,136	3,436	2,537	2,193	4,318	6,574	9,130	11,941	12,199	10,945	10,378	8,687
1936	3,925	1,956	1,937	2,193	4,318	6,574	9,130	11,941	12,199	10,945	10,378	8,687
1937	7,162	3,925	1,728	2,193	4,318	6,574	9,130	11,941	12,199	10,945	10,378	8,687
1938	6,245	4,317	2,589	1,450	2,589	6,008	10,789	13,130	13,188	11,608	10,144	8,330
1939	7,234	4,742	1,791	1,450	2,589	6,817	9,738	13,099	13,577	13,326	12,043	9,645
1940	5,177	6,658	3,583	1,102	3,583	7,154	11,678	13,967	14,451	15,661	12,409	10,794
1941	7,607	5,698	3,547	2,430	4,945	6,399	12,599	14,536	16,054	15,449	13,278	11,155
1942	8,909	7,319	5,217	2,436	3,275	8,096	11,375	13,529	14,141	13,935	11,324	8,264
1943	7,277	5,646	4,121	1,510	1,144	4,615	9,973	11,124	13,018	12,762	10,954	8,666
1944	10,428	5,401	3,981	1,612	1,766	6,766	13,624	17,786	17,786	16,970	14,309	10,840
1945	8,959	5,971	4,270	2,396	506	6,766	13,624	17,786	17,786	16,970	14,309	10,840
1946	8,959	5,971	4,270	2,396	506	6,766	13,624	17,786	17,786	16,970	14,309	10,840
1947	13,677	10,243	6,394	3,367	1,542	8,350	11,157	18,346	25,421	22,666	16,687	17,825
1948	14,034	8,470	4,690	3,367	3,297	15,919	20,118	17,285	24,712	22,151	19,231	16,789
1949	13,516	6,295	3,192	1,554	1,554	12,380	22,366	25,088	24,526	19,199	16,764	13,331
1950	10,231	7,232	5,299	2,618	1,345	13,062	20,789	25,402	23,334	22,834	21,640	16,230
1951	16,128	11,645	8,904	6,353	6,353	16,342	23,460	24,206	23,128	20,809	18,414	15,921
1952	12,924	9,503	6,540	5,082	3,794	12,032	23,460	24,206	23,128	20,809	18,414	15,921
1953	10,699	4,471	1,759	1,956	1,680	10,495	21,555	26,677	26,607	25,239	22,724	18,406
1954	10,699	4,471	1,759	1,956	1,680	10,495	21,555	26,677	26,607	25,239	22,724	18,406
1955	14,557	10,950	6,612	4,968	9,871	16,574	19,973	24,650	23,012	20,914	20,036	16,767
1956	9,215	5,746	3,417	1,646	4,061	11,442	15,567	19,111	18,862	19,125	15,247	12,857
1957	10,900	8,782	7,080	4,301	9,233	15,949	20,254	23,436	23,436	20,087	17,277	14,723
1958	7,790	4,249	2,295	1,515	1,070	14,078	20,254	20,254	17,341	17,341	14,845	10,687
1959	9,430	6,074	4,207	3,684	7,070	14,078	19,773	20,342	19,664	19,242	14,645	13,959
1960	11,723	8,766	4,174	3,694	10,518	16,210	19,979	24,263	24,130	21,781	18,065	15,606
1961	9,040	5,800	4,174	3,694	11,663	19,260	23,774	22,102	20,993	12,249	15,938	11,727
1962	6,165	4,951	1,682	2,685	6,468	13,950	19,486	20,585	18,165	14,667	12,709	10,678
1963	11,723	8,766	4,174	3,694	10,518	15,572	20,099	22,582	23,428	19,913	18,679	16,406
1964	17,738	13,710	8,682	6,068	11,611	13,942	19,926	21,641	18,236	15,669	13,330	11,896
1965	10,354	8,007	3,372	6,878	11,079	15,056	17,093	17,093	17,274	14,674	14,143	14,143
1966	11,073	9,111	6,086	4,062	6,249	12,920	19,607	23,608	23,251	21,216	19,349	17,532
1967	14,064	11,451	9,414	7,457	9,587	13,258	14,903	16,347	19,518	17,389	16,405	14,427

NOTE: --DATA NOT AVAILABLE PRIOR TO JANUARY 1920.

## HISTORICAL FISHERY STATISTICS

**HOLDINGS OF MACKEREL (EXCEPT SPANISH), BY MONTHS, 1920-67**  
 (THOUSANDS OF POUNDS)

YEAR	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
1920	2,339	2,103	1,209	736	1,032	1,798	3,065	3,015	2,678	2,620	2,789	2,405
1921	1,601	1,374	1,024	582	825	1,124	1,824	1,824	1,824	1,824	1,824	1,824
1922	1,681	1,333	938	382	671	1,293	2,425	2,887	2,993	2,620	2,789	2,405
1923	4,632	3,440	2,696	1,706	1,475	1,722	2,696	2,935	3,322	6,756	6,254	5,505
1924	4,355	3,266	2,063	1,226	918	1,014	2,526	3,894	4,922	4,895	6,151	4,050
1925	3,242	2,484	1,354	854	712	2,457	2,880	4,397	6,867	7,643	6,910	5,343
1926	4,312	3,159	3,639	1,962	3,468	3,468	4,136	5,910	11,510	11,323	10,384	9,064
1927	2,654	1,777	1,038	1,783	3,018	4,700	8,266	9,070	8,558	6,552	8,672	8,732
1928	7,456	5,685	3,993	2,435	1,574	2,886	6,075	9,723	8,176	10,397	9,583	8,091
1929												
1930	6,321	4,325	2,719	766	1,304	3,199	7,438	9,309	9,073	8,935	7,563	6,300
1931	10,329	6,528	4,624	1,824	1,475	2,880	5,650	8,238	11,137	14,131	13,901	12,315
1932	10,329	6,528	4,624	1,824	1,475	2,880	5,650	8,238	11,137	14,131	13,901	12,315
1933	10,329	6,528	4,624	1,824	1,475	2,880	5,650	8,238	11,137	14,131	13,901	12,315
1934	10,329	6,528	4,624	1,824	1,475	2,880	5,650	8,238	11,137	14,131	13,901	12,315
1935	5,109	3,105	1,641	392	725	2,551	4,373	5,769	10,398	10,612	9,083	7,521
1936	5,993	4,214	2,340	538	549	4,042	6,999	9,246	10,379	10,085	9,328	7,665
1937	4,194	2,785	1,662	763	1,441	1,729	1,928	2,343	1,954	2,082	2,319	3,436
1938	2,957	2,380	1,640	1,048	3,125	4,217	5,570	6,121	5,899	4,716	5,027	4,801
1939	4,390	3,357	1,899	656	985	1,556	1,853	3,504	6,273	7,012	6,434	6,459
1940	5,270	4,278	2,276	1,833	1,445	2,212	6,784	7,918	8,939	9,032	8,981	7,880
1941	5,948	4,006	1,966	1,044	1,904	2,032	6,078	8,234	8,931	10,970	12,335	10,359
1942	5,948	4,006	1,966	1,044	1,904	2,032	6,078	8,234	8,931	10,970	12,335	10,359
1943	9,813	6,473	4,259	2,014	1,633	3,835	6,846	8,646	7,871	7,982	7,410	6,793
1944	5,667	4,281	3,003	1,567	1,547	6,091	8,414	11,051	11,682	11,851	12,528	10,372
1945	9,280	5,010	2,224	1,188	1,418	1,305	3,496	4,589	5,880	6,083	6,044	8,934
1946	2,152	1,230	4,639	2,423	1,001	2,495	5,036	6,978	6,785	7,035	7,569	6,904
1947	8,448	6,874	4,756	2,440	1,467	1,046	1,602	3,218	4,386	3,236	3,719	3,719
1948	4,017	3,330	2,447	1,262	1,744	659	1,160	1,399	1,121	1,169	1,064	1,980
1949												
1950	2,110	1,629	1,310	942	861	781	1,093	1,566	1,488	1,803	2,588	2,480
1951	2,975	2,420	1,862	1,042	997	739	1,033	1,425	1,525	1,708	1,619	1,273
1952	1,219	1,091	866	395	427	416	1,651	2,117	2,271	2,717	2,705	2,611
1953	2,867	2,545	2,110	1,639	1,028	1,010	1,403	1,710	1,710	1,419	1,481	1,454
1954	933	734	482	491	473	838	1,111	1,639	1,707	1,633	1,593	1,593
1955	1,332	1,259	995	609	577	1,072	1,263	1,502	1,502	1,657	1,577	1,577
1956	1,308	1,242	961	585	565	1,001	1,184	1,467	1,309	1,460	1,447	1,266
1957	1,308	1,242	961	585	565	1,001	1,184	1,467	1,309	1,460	1,447	1,266
1958	999	681	453	350	327	904	1,124	1,040	983	1,070	1,401	1,266
1959	1,198	916	695	517	432	584	596	940	1,071	1,166	1,572	2,078
1960												
1961	2,044	1,654	1,327	985	891	969	940	1,036	1,076	776	1,042	1,482
1962	893	605	423	353	353	273	363	428	394	532	801	754
1963	719	464	422	369	269	492	568	677	695	867	838	860
1964	859	867	837	622	562	507	601	1,119	1,024	1,044	1,002	871
1965	859	667	559	509	383	456	601	567	756	756	756	996
1966	805	690	573	340	335	352	712	1,003	1,003	1,003	1,003	1,003
1967	491	446	404	318	458	688	561	558	463	510	463	431

NOTE.--DATA NOT AVAILABLE PRIOR TO JANUARY 1920.

# HISTORICAL FISHERY STATISTICS

## HOLDINGS OF SABLEFISH, BY MONTHS, 1921-67 (THOUSANDS OF POUNDS)

YEAR	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
1921	743	389	290	250	208	270	456	600	677	607	1,024	1,466
1922	1,233	1,070	924	707	651	580	564	527	610	1,038	1,038	1,038
1923	1,253	1,053	934	707	651	580	564	527	610	1,038	1,038	1,038
1924	1,915	1,553	1,091	864	791	729	664	600	536	472	2,234	2,123
1925	1,038	678	467	322	209	137	83	1,439	1,160	1,601	1,700	1,359
1926	1,821	1,145	967	632	467	378	243	832	1,003	1,601	2,146	2,154
1927	1,359	957	672	467	322	209	137	83	1,003	1,601	2,146	1,782
1928	2,250	1,857	1,501	1,179	868	668	503	368	1,315	2,032	2,591	2,071
1929	1,859	1,313	935	1,044	1,044	1,033	1,074	1,303	1,633	2,200	2,396	2,323
1930	1,474	881	537	440	460	683	585	803	1,114	1,114	1,603	1,795
1931	1,659	1,465	1,078	851	640	517	692	1,481	2,093	2,093	2,224	2,007
1932	1,123	801	636	423	396	614	616	636	1,096	1,096	1,355	1,355
1933	1,456	1,078	756	526	421	335	257	1,935	1,935	1,935	1,935	1,935
1934	599	458	338	298	246	246	264	316	392	392	787	744
1935	926	579	324	143	153	124	137	130	247	898	1,335	1,173
1936	1,823	1,298	965	696	524	432	335	257	874	1,623	2,321	2,179
1937	1,431	886	588	432	335	257	189	1,181	1,623	2,179	1,644	1,844
1938	2,261	1,733	1,469	1,139	854	724	780	1,529	2,333	2,333	2,659	2,659
1939	2,005	1,427	890	697	537	459	397	1,010	1,529	2,333	2,659	2,659
1940	2,191	1,826	1,553	1,304	1,145	928	810	664	1,399	2,299	3,089	2,965
1941	2,441	2,137	1,803	1,503	1,304	1,145	928	810	1,399	2,299	3,089	2,965
1942	1,698	1,426	1,272	1,053	818	652	522	423	2,423	3,240	3,712	3,959
1943	2,387	1,957	1,593	1,272	1,053	818	652	522	2,423	3,240	3,712	3,959
1944	2,387	1,957	1,593	1,272	1,053	818	652	522	2,423	3,240	3,712	3,959
1945	3,926	2,337	1,857	1,331	1,095	1,597	1,427	1,053	2,049	2,823	2,847	2,847
1946	4,123	2,336	1,639	1,207	1,095	1,597	1,427	1,053	2,049	2,823	2,847	2,847
1947	6,712	3,439	2,074	1,164	2,326	2,163	2,636	4,201	2,463	4,109	4,475	4,590
1948	2,667	5,082	4,821	4,821	4,192	3,569	3,538	3,249	2,966	3,962	4,422	4,219
1949	4,675	5,540	4,668	3,347	2,990	2,666	2,482	2,335	3,249	3,128	3,128	3,128
1950	5,016	4,403	3,900	3,000	2,669	2,325	2,482	3,021	4,986	5,933	6,021	5,271
1951	2,470	1,905	1,473	1,116	1,232	3,029	3,016	2,871	2,871	2,655	2,655	2,736
1952	3,712	3,275	2,742	2,599	2,056	1,898	1,879	1,705	3,529	3,529	3,446	3,369
1953	2,086	1,707	1,447	1,367	1,077	1,077	1,062	1,252	1,382	1,559	1,559	1,559
1954	2,855	2,421	1,820	1,340	1,197	983	1,916	1,921	3,461	3,911	4,001	3,449
1955	3,130	2,380	1,820	1,316	1,074	929	1,146	3,331	3,775	3,775	3,775	3,543
1956	2,797	2,326	2,020	1,313	1,093	1,922	2,186	3,694	4,506	5,859	5,766	5,461
1957	3,847	3,408	2,977	2,577	2,231	1,822	3,023	2,866	2,657	2,972	2,972	2,972
1958	1,660	1,358	1,147	993	823	616	519	423	1,689	2,474	2,150	1,991
1959	2,072	1,624	1,234	956	827	518	466	320	2,377	3,137	2,759	2,480
1960	2,811	2,361	1,898	1,598	1,411	1,149	993	823	2,377	3,137	2,759	2,480
1961	2,811	2,361	1,898	1,598	1,411	1,149	993	823	2,377	3,137	2,759	2,480
1962	2,078	1,624	1,234	956	827	518	466	320	2,377	3,137	2,759	2,480
1963	2,078	1,624	1,234	956	827	518	466	320	2,377	3,137	2,759	2,480
1964	2,028	1,781	1,420	1,168	911	779	652	481	1,392	2,603	2,125	1,964
1965	2,151	1,712	1,274	1,000	827	652	522	423	2,047	2,337	2,727	2,369
1966	2,171	1,919	1,593	1,274	1,000	827	652	522	1,985	2,465	2,236	1,932
1967	1,774	1,726	1,649	1,493	1,375	1,254	1,146	1,032	1,489	2,288	2,236	1,859
1968	1,774	1,726	1,649	1,493	1,375	1,254	1,146	1,032	1,489	2,288	2,236	1,859
1969	1,774	1,726	1,649	1,493	1,375	1,254	1,146	1,032	1,489	2,288	2,236	1,859
1970	1,774	1,726	1,649	1,493	1,375	1,254	1,146	1,032	1,489	2,288	2,236	1,859
1971	1,774	1,726	1,649	1,493	1,375	1,254	1,146	1,032	1,489	2,288	2,236	1,859
1972	1,774	1,726	1,649	1,493	1,375	1,254	1,146	1,032	1,489	2,288	2,236	1,859
1973	1,774	1,726	1,649	1,493	1,375	1,254	1,146	1,032	1,489	2,288	2,236	1,859
1974	1,774	1,726	1,649	1,493	1,375	1,254	1,146	1,032	1,489	2,288	2,236	1,859
1975	1,774	1,726	1,649	1,493	1,375	1,254	1,146	1,032	1,489	2,288	2,236	1,859
1976	1,774	1,726	1,649	1,493	1,375	1,254	1,146	1,032	1,489	2,288	2,236	1,859
1977	1,774	1,726	1,649	1,493	1,375	1,254	1,146	1,032	1,489	2,288	2,236	1,859
1978	1,774	1,726	1,649	1,493	1,375	1,254	1,146	1,032	1,489	2,288	2,236	1,859
1979	1,774	1,726	1,649	1,493	1,375	1,254	1,146	1,032	1,489	2,288	2,236	1,859
1980	1,774	1,726	1,649	1,493	1,375	1,254	1,146	1,032	1,489	2,288	2,236	1,859
1981	1,774	1,726	1,649	1,493	1,375	1,254	1,146	1,032	1,489	2,288	2,236	1,859
1982	1,774	1,726	1,649	1,493	1,375	1,254	1,146	1,032	1,489	2,288	2,236	1,859
1983	1,774	1,726	1,649	1,493	1,375	1,254	1,146	1,032	1,489	2,288	2,236	1,859
1984	1,774	1,726	1,649	1,493	1,375	1,254	1,146	1,032	1,489	2,288	2,236	1,859
1985	1,774	1,726	1,649	1,493	1,375	1,254	1,146	1,032	1,489	2,288	2,236	1,859
1986	1,774	1,726	1,649	1,493	1,375	1,254	1,146	1,032	1,489	2,288	2,236	1,859
1987	1,774	1,726	1,649	1,493	1,375	1,254	1,146	1,032	1,489	2,288	2,236	1,859
1988	1,774	1,726	1,649	1,493	1,375	1,254	1,146	1,032	1,489	2,288	2,236	1,859
1989	1,774	1,726	1,649	1,493	1,375	1,254	1,146	1,032	1,489	2,288	2,236	1,859
1990	1,774	1,726	1,649	1,493	1,375	1,254	1,146	1,032	1,489	2,288	2,236	1,859
1991	1,774	1,726	1,649	1,493	1,375	1,254	1,146	1,032	1,489	2,288	2,236	1,859
1992	1,774	1,726	1,649	1,493	1,375	1,254	1,146	1,032	1,489	2,288	2,236	1,859
1993	1,774	1,726	1,649	1,493	1,375	1,254	1,146	1,032	1,489	2,288	2,236	1,859
1994	1,774	1,726	1,649	1,493	1,375	1,254	1,146	1,032	1,489	2,288	2,236	1,859
1995	1,774	1,726	1,649	1,493	1,375	1,254	1,146	1,032	1,489	2,288	2,236	1,859
1996	1,774	1,726	1,649	1,493	1,375	1,254	1,146	1,032	1,489	2,288	2,236	1,859
1997	1,774	1,726	1,649	1,493	1,375	1,254	1,146	1,032	1,489	2,288	2,236	1,859
1998	1,774	1,726	1,649	1,493	1,375	1,254	1,146	1,032	1,489	2,288	2,236	1,859
1999	1,774	1,726	1,649	1,493	1,375	1,254	1,146	1,032	1,489	2,288	2,236	1,859
2000	1,774	1,726	1,649	1,493	1,375	1,254	1,146	1,032	1,489	2,288	2,236	1,859
2001	1,774	1,726	1,649	1,493	1,375	1,254	1,146	1,032	1,489	2,288	2,236	1,859
2002	1,774	1,726	1,649	1,493	1,375	1,254	1,146	1,032	1,489	2,288	2,236	1,859
2003	1,774	1,726	1,649	1,493	1,375	1,254	1,146	1,032	1,489	2,288	2,236	1,859
2004	1,774	1,726	1,649	1,493	1,375	1,254	1,146	1,032	1,489	2,288	2,236	1,859
2005	1,774	1,726	1,649	1,493	1,375	1,254	1,146	1,032	1,489	2,288	2,236	1,859
2006	1,774	1,726	1,649	1,493	1,375	1,254	1,146	1,032	1,489	2,288	2,236	1,859
2007	1,774	1,726	1,649	1,493	1,375	1,254	1,146	1,032	1,489	2,288	2,236	1,859
2008	1,774	1,726	1,649	1,493	1,375	1,254	1,146	1,032	1,489	2,288	2,236	1,859
2009	1,774	1,726	1,649	1,493	1,375	1,254	1,146	1,032	1,489	2,288	2,236	1,859
2010	1,774	1,726	1,649	1,493	1,375	1,254	1,146	1,032	1,489	2,288	2,236	1,859
2011	1,774	1,726	1,649	1,493	1,375	1,254	1,146	1,032	1,489	2,288	2,236	1,859
2012	1,774	1,726	1,649	1,493	1,375	1,254	1,146					

## HISTORICAL FISHERY STATISTICS

## HOLDINGS OF SALMON (OTHER THAN FILLETS), BY MONTHS, 1920-67

(THOUSANDS OF POUNDS)

YEAR	JANUARY				FEBRUARY				TOTAL	
	CHINOOK OR KING	SILVER OR COHO	CHUM OR KETA	OTHER	TOTAL	CHINOOK OR KING	SILVER OR COHO	CHUM OR KETA		OTHER
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY		QUANTITY
1920	.....	-	-	5,701	5,701	-	-	-	4,516	
1921	.....	-	-	5,607	5,607	-	-	-	4,319	
1922	.....	2,923	-	3,989	6,775	-	1,532	-	4,313	
1923	.....	2,598	-	3,989	6,587	-	2,963	-	4,646	
1924	.....	4,127	-	3,682	6,280	-	1,635	-	4,372	
1925	.....	4,127	-	5,198	9,325	-	3,477	-	7,693	
1926	.....	2,732	-	2,644	5,376	-	1,666	-	4,216	
1927	.....	999	-	2,667	3,666	666	1,866	757	5,958	
1928	.....	1,922	-	2,667	6,936	982	2,170	713	5,243	
1929	.....	1,926	4,009	1,572	8,009	661	2,706	706	5,290	
1930	.....	1,081	2,745	1,759	7,116	947	1,921	1,237	5,364	
1931	.....	1,444	3,481	1,708	6,356	1,393	1,765	1,585	5,162	
1932	.....	1,635	3,640	1,914	7,242	1,392	2,350	2,081	5,277	
1933	.....	1,286	2,792	1,413	6,433	824	2,050	1,974	414	
1934	.....	1,286	4,349	1,942	9,011	1,799	3,412	1,327	489	
1935	.....	2,304	5,959	1,780	12,349	2,533	3,994	1,557	6,725	
1936	.....	3,366	3,045	3,193	9,778	2,072	1,842	3,065	7,219	
1937	.....	3,856	3,045	3,193	9,778	2,421	2,799	3,065	7,947	
1938	.....	2,738	4,268	3,436	10,860	2,421	2,799	2,436	291	
1939	.....	1,589	2,029	1,919	5,922	1,210	1,189	1,524	378	
1940	.....	2,184	2,957	2,663	8,846	1,570	2,532	2,373	7,340	
1941	.....	2,967	3,639	2,967	11,573	1,759	2,532	2,677	8,981	
1942	.....	1,573	2,639	2,756	6,331	1,159	650	2,677	1,065	
1943	.....	1,573	2,639	2,756	6,331	1,159	650	2,677	1,065	
1944	.....	2,771	3,079	4,207	8,503	1,000	2,126	3,543	7,288	
1945	.....	2,996	3,079	4,388	11,369	2,592	2,460	3,543	669	
1946	.....	3,915	6,698	2,702	17,090	3,448	5,372	4,824	7,847	
1947	.....	4,150	3,276	2,018	13,191	3,448	3,940	2,059	16,571	
1948	.....	4,150	3,276	2,018	13,191	3,448	3,940	2,059	16,571	
1949	.....	4,167	3,744	1,900	11,552	3,206	3,739	1,672	11,209	
1950	.....	3,643	3,519	1,844	10,394	3,476	3,102	1,956	9,111	
1951	.....	3,619	4,274	1,937	10,478	2,774	3,936	1,751	10,223	
1952	.....	3,619	4,274	1,937	10,478	2,774	3,936	1,751	10,223	
1953	.....	5,481	4,632	1,857	13,142	4,699	3,651	1,739	11,001	
1954	.....	3,961	3,170	1,927	10,248	3,088	2,404	1,563	8,123	
1955	.....	4,117	3,343	1,229	9,495	3,399	2,693	494	1,196	
1956	.....	2,566	2,154	841	10,395	3,701	3,054	703	7,882	
1957	.....	3,061	2,154	354	10,395	3,701	3,054	703	8,500	
1958	.....	3,061	2,154	354	10,395	3,701	3,054	703	8,500	
1959	.....	4,036	4,600	1,627	16,707	2,234	3,431	613	4,895	
1960	.....	3,112	1,819	511	11,258	3,377	3,431	933	8,912	
1961	.....	3,316	1,956	763	6,205	2,579	1,442	981	5,033	
1962	.....	3,316	1,956	763	6,205	2,579	1,442	981	5,033	
1963	.....	3,418	4,218	985	8,145	2,121	1,637	637	6,863	
1964	.....	3,777	4,218	985	9,630	2,964	3,095	1,062	8,004	
1965	.....	5,039	4,214	1,210	9,148	3,038	2,140	1,034	7,079	
1966	.....	4,316	4,214	1,181	12,603	4,272	3,676	2,009	10,765	
1967	.....	4,316	4,214	1,181	12,603	4,272	3,676	2,009	10,765	
1968	.....	3,953	2,644	2,032	14,925	3,374	1,693	1,273	7,167	

SEE NOTE AT END OF TABLE. (CONTINUED ON NEXT PAGE)

# HISTORICAL FISHERY STATISTICS

## HOLDINGS OF SALMON (OTHER THAN FILLETS), BY MONTHS, 1920-67 - Continued

YEAR	MARCH				APRIL				TOTAL QUANTITY	
	CHINOOK OR KING	SILVER OR COHO	CHUM OR KETA	OTHER	TOTAL QUANTITY	CHINOOK OR KING	SILVER OR COHO	CHUM OR KETA		OTHER
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY		QUANTITY
1920	-	-	-	2,922	2,922	-	-	-	1,997	1,997
1921	-	-	-	2,777	2,777	-	-	-	1,900	1,900
1922	-	1,129	-	2,029	3,157	-	336	-	1,136	1,672
1923	-	1,672	-	2,931	4,603	-	939	-	1,263	2,340
1924	-	1,355	-	2,270	4,211	-	1,077	-	3,011	4,108
1925	-	1,941	-	1,461	2,492	-	332	-	974	1,306
1926	-	1,031	442	1,798	4,126	113	1,187	268	1,363	2,871
1927	397	1,489	513	1,613	3,057	209	690	289	383	1,350
1928	538	1,373	706	966	3,329	440	837	310	698	1,580
1929	369	1,688	-	-	-	-	-	-	-	-
1930	681	1,010	830	660	3,181	519	569	594	416	2,098
1931	659	1,029	697	890	3,275	422	1,029	697	734	2,882
1932	219	1,933	630	1,750	3,522	198	658	550	1,593	2,669
1933	951	1,151	468	3,348	6,324	632	430	430	280	2,448
1934	1,201	2,232	715	340	4,508	945	513	420	126	2,424
1935	2,240	2,629	1,418	198	6,485	1,702	1,756	1,048	126	4,632
1936	1,811	979	903	411	4,104	1,248	323	682	363	2,556
1937	1,413	1,000	2,377	184	4,974	1,941	600	1,868	143	3,532
1938	1,769	1,426	1,394	249	4,858	1,112	932	869	179	3,032
1939	731	764	1,136	344	2,975	488	529	898	341	2,256
1940	1,099	1,181	1,688	472	4,440	795	712	1,432	457	3,416
1941	1,127	1,780	2,012	439	5,357	922	1,188	1,564	593	3,967
1942	1,933	1,250	2,438	457	4,467	1,377	548	1,454	354	2,727
1943	1,896	1,091	2,920	466	4,383	1,456	573	374	374	2,779
1944	2,096	3,742	1,738	2,623	10,201	1,515	2,356	1,232	1,214	4,021
1945	2,971	3,727	3,968	1,710	12,376	2,665	2,334	2,736	1,327	9,062
1946	2,678	3,466	1,663	1,505	9,332	1,638	1,337	1,597	1,327	5,882
1947	2,531	2,506	1,363	1,482	1,901	1,901	1,866	1,073	1,133	5,542
1948	2,938	2,793	1,272	884	7,847	2,780	1,866	1,098	707	6,451
1949	2,725	3,433	1,119	617	7,894	2,013	2,748	1,038	794	6,593
1950	2,152	3,193	1,625	922	7,892	3,566	2,676	1,462	462	6,159
1951	2,159	2,201	1,816	696	6,872	1,666	1,925	880	518	4,059
1952	2,546	1,580	1,333	947	5,406	1,726	1,326	389	846	4,267
1953	1,391	1,056	205	565	3,217	673	612	141	467	1,893
1954	2,959	2,203	652	836	6,620	2,401	1,547	462	915	5,223
1955	2,577	2,088	543	367	5,443	1,616	1,016	645	683	4,031
1956	2,624	2,624	840	587	7,134	2,384	2,319	645	683	4,031
1957	1,665	1,011	177	513	3,366	1,298	763	140	338	2,469
1958	2,273	1,821	619	621	5,340	1,760	1,405	430	386	3,981
1959	1,328	1,395	548	703	3,967	1,908	1,054	735	473	2,932
1960	1,839	1,839	800	642	5,120	1,447	1,047	727	546	5,048
1961	3,617	2,856	866	601	7,940	2,149	2,149	548	672	6,268
1962	2,889	1,047	212	774	4,921	2,477	624	136	571	3,808
1963	2,595	1,105	1,107	593	5,400	2,467	423	629	351	4,050

(CONTINUED ON NEXT PAGE)

SEE NOTE AT END OF TABLE.

## HISTORICAL FISHERY STATISTICS

**HOLDINGS OF SALMON (OTHER THAN FILLETS), BY MONTHS, 1920-67 - Continued**  
 (THOUSANDS OF POUNDS)

YEAR	MAY				JUNE				TOTAL	
	CHINOOK OR KING	SILVER OR COHO	CHUM OR RETA	OTHER	TOTAL	CHINOOK OR KING	SILVER OR COHO	CHUM OR RETA		OTHER
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
1920	-	-	-	1,739	1,739	-	-	-	1,674	1,674
1921	-	-	-	1,909	1,909	-	-	-	1,621	1,621
1922	-	406	-	1,315	1,315	-	-	-	1,656	1,656
1923	-	311	-	1,170	1,170	-	-	-	365	365
1924	-	726	-	1,637	1,637	-	-	-	1,241	1,241
1925	-	847	-	3,561	3,561	-	-	-	3,012	3,012
1926	-	1,043	-	2,261	2,261	-	-	-	1,184	1,184
1927	81	1,048	176	956	2,061	-	-	-	1,968	1,968
1928	84	441	478	366	1,127	155	-	141	1,446	1,446
1929	369	478	386	633	1,866	458	-	259	1,219	1,219
1930	275	360	444	360	1,439	421	-	411	758	758
1931	441	556	528	737	2,266	462	-	455	1,094	1,094
1932	96	417	437	1,249	2,199	443	-	397	1,522	1,522
1933	263	608	399	294	1,217	190	-	218	257	257
1934	559	668	244	241	1,652	746	-	199	229	229
1935	283	290	290	119	3,072	690	-	710	1,521	1,521
1936	1	1,176	402	200	1,717	1,999	-	107	3,241	3,241
1937	939	429	1,537	134	2,644	546	-	328	1,693	1,693
1938	544	429	584	151	2,013	765	-	460	2,242	2,242
1939	763	515	584	151	2,013	765	-	460	1,688	1,688
1940	345	393	695	330	1,749	696	-	591	336	336
1941	605	300	1,090	387	2,382	747	-	957	1,949	1,949
1942	635	631	1,118	329	2,733	734	-	415	1,931	1,931
1943	110	147	192	417	866	172	-	129	2,377	2,377
1944	200	249	868	264	1,541	243	-	75	296	296
1945	958	1,016	1,016	1,614	4,610	963	-	280	276	276
1946	701	1,672	900	1,614	4,910	963	-	280	1,369	1,369
1947	2,297	1,610	1,674	1,945	5,526	2,025	-	1,100	3,603	3,603
1948	1,430	1,608	1,128	1,157	5,323	1,251	-	1,001	7,749	7,749
1949	1,530	924	1,024	669	4,147	1,769	-	818	5,006	5,006
1950	1,714	1,300	963	505	4,481	1,517	-	1,003	4,097	4,097
1951	1,662	2,400	965	787	5,794	1,663	-	1,075	406	406
1952	1,561	2,160	1,169	427	5,377	1,366	-	1,799	368	368
1953	2,576	1,037	1,033	563	5,209	2,237	-	742	518	518
1954	1,956	682	443	482	3,175	2,427	-	616	493	493
1955	1,445	2,297	2,297	692	6,735	2,427	-	320	4,232	4,232
1956	1,140	445	292	2,359	4,226	1,923	-	57	553	553
1957	2,060	1,118	360	668	4,214	2,414	-	945	274	274
1958	896	370	306	306	1,837	1,803	-	542	935	935
1959	2,191	1,828	488	746	5,232	3,032	-	1,242	441	441
1960	1,114	97	388	388	2,390	1,985	-	565	652	652
1961	1,532	1,074	361	426	3,413	1,779	-	981	811	811
1962	945	2,16	216	316	2,582	1,558	-	134	3,636	3,636
1963	2,008	1,017	643	643	4,284	2,135	-	859	3,637	3,637
1964	1,336	792	982	655	4,763	3,127	-	1,135	4,605	4,605
1965	2,222	319	392	438	3,369	3,028	-	895	5,843	5,843
1966	2,222	332	449	611	3,071	3,028	-	709	4,770	4,770
1967	2,126	332	449	611	3,518	2,498	-	271	5,544	5,544
									584	584

SEE NOTE AT END OF TABLE. (CONTINUED ON NEXT PAGE)

# HISTORICAL FISHERY STATISTICS

## HOLDINGS OF SALMON (OTHER THAN FILLETS), BY MONTHS, 1920-67 - Continued

(THOUSANDS OF POUNDS)

YEAR	JULY			AUGUST			TOTAL	CHINOOK OR KING	SILVER OR COHO	CHUM OR KETA	OTHER	TOTAL
	CHINOOK OR KING	SILVER OR COHO	CHUM OR KETA	CHINOOK OR KING	SILVER OR COHO	CHUM OR KETA							OTHER
1920	-	-	-	2,563	-	-	2,563	-	-	-	3,468	3,468
1921	-	-	-	3,087	-	-	3,087	-	-	-	4,809	4,809
1922	-	601	-	1,402	969	-	2,003	-	969	-	2,877	3,256
1923	-	713	-	2,429	3,142	-	5,571	-	982	-	3,917	4,899
1924	-	1,000	-	3,142	5,461	-	8,603	-	1,156	-	5,119	7,722
1925	-	1,559	-	3,902	5,461	-	9,363	-	2,143	-	2,398	5,309
1926	790	378	71	1,619	3,058	176	5,124	1,398	1,337	176	2,346	5,778
1927	1,193	1,110	165	1,897	4,355	346	7,508	1,645	1,678	346	2,109	5,778
1928	487	766	347	965	2,595	2,280	5,647	775	2,280	1,233	1,301	5,609
1929	817	754	236	1,374	3,163	1,071	6,648	1,071	2,024	546	1,842	5,609
1930	802	983	404	1,992	4,131	1,446	7,573	1,117	2,286	665	3,449	7,846
1931	804	367	464	1,619	3,274	1,117	6,274	1,117	2,235	813	2,658	7,846
1932	1,385	364	409	1,020	3,178	1,947	6,578	1,947	2,020	530	1,149	5,646
1933	305	251	322	353	1,041	1,889	3,556	1,889	1,077	1,456	1,456	4,745
1934	1,451	535	291	2,246	2,428	1,934	6,609	1,934	2,483	1,765	438	3,940
1935	1,190	1,099	151	2,446	2,428	1,934	6,609	1,934	2,366	202	438	3,940
1936	1,325	417	246	1,819	4,189	2,774	8,987	2,774	2,329	816	565	6,484
1937	1,325	417	246	1,819	4,189	2,774	8,987	2,774	2,329	816	565	6,484
1938	835	345	1,100	205	2,485	1,082	4,747	1,082	2,232	1,208	369	4,921
1939	1,142	555	378	219	2,284	1,477	5,268	1,477	1,113	472	327	3,589
1940	1,196	750	631	312	2,889	1,674	6,072	1,674	2,165	610	347	4,996
1941	1,193	501	926	373	2,993	1,584	6,297	1,584	1,980	960	393	4,937
1942	1,117	572	939	440	3,068	1,612	6,169	1,612	1,671	834	336	4,655
1943	586	254	371	309	1,933	1,397	4,270	1,397	1,600	1,000	1,487	4,988
1944	1,209	597	58	309	2,235	1,962	4,963	1,962	2,184	1,778	1,582	6,506
1945	1,209	597	58	309	2,235	1,962	4,963	1,962	2,184	1,778	1,582	6,506
1946	1,805	1,372	210	972	4,359	2,216	8,752	2,216	4,146	1,196	1,608	9,166
1947	2,451	1,047	473	1,068	5,039	3,468	9,985	3,468	2,557	414	1,146	7,585
1948	2,431	647	669	968	4,475	2,664	8,143	2,664	1,845	767	897	9,173
1949	2,286	689	736	985	4,916	3,112	8,394	3,112	2,456	692	1,086	7,326
1950	1,725	832	391	598	3,546	2,267	7,368	2,267	1,732	506	709	5,214
1951	1,637	1,454	593	386	4,270	2,435	8,155	2,435	2,360	223	496	6,134
1952	2,093	1,700	865	592	5,250	2,925	8,175	2,925	2,925	674	877	5,081
1953	2,786	2,078	250	1,082	7,199	5,089	12,287	5,089	2,785	460	1,323	11,627
1954	2,600	1,170	516	431	4,613	3,543	8,156	3,543	2,880	212	961	7,516
1955	3,228	3,237	128	1,260	7,813	5,629	13,441	5,629	4,931	224	1,883	12,687
1956	3,225	1,507	336	977	6,137	4,353	11,415	4,353	4,063	416	1,304	10,136
1957	3,225	1,507	336	977	6,137	4,353	11,415	4,353	4,063	416	1,304	10,136
1958	3,473	3,375	375	1,860	9,614	3,772	14,862	3,772	3,772	369	1,498	10,409
1959	3,523	3,523	351	1,860	7,606	5,051	12,980	5,051	2,335	317	1,359	9,466
1960	3,408	1,131	128	869	5,336	4,179	9,515	4,179	2,933	222	1,362	8,696
1961	2,929	1,377	343	2,181	6,830	3,976	11,186	3,976	2,323	375	1,131	9,005
1962	2,357	2,123	228	1,924	6,232	3,764	10,313	3,764	3,764	542	1,923	9,211
1963	3,173	1,717	113	1,947	6,848	4,212	12,970	4,212	3,764	1,303	1,448	10,673
1964	5,177	3,013	814	1,068	9,688	5,673	16,369	5,673	4,822	1,303	2,448	14,246
1965	4,556	3,013	614	1,068	9,688	5,673	16,369	5,673	4,822	1,303	2,448	14,246
1966	2,630	3,225	320	1,837	9,452	4,701	14,034	4,701	3,887	1,077	3,882	13,467
1967	3,658	3,220	457	2,117	9,452	4,701	14,034	4,701	3,887	1,077	3,882	13,467

(CONTINUED ON NEXT PAGE)

SEE NOTE AT END OF TABLE.

## HISTORICAL FISHERY STATISTICS

## HOLDINGS OF SALMON (OTHER THAN FILLETS), BY MONTHS, 1920-67 - Continued

YEAR	SEPTEMBER					OCTOBER					TOTAL
	CHUM OR KING	SILVER OR COHO	CHUM OR KETA	OTHER	TOTAL	CHUM OR KING	SILVER OR COHO	CHUM OR KETA	OTHER	TOTAL	
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	
1920	..	..	..	4,676	4,676	..	..	..	6,772	6,772	
1921	..	..	..	7,033	7,033	..	..	..	8,716	8,716	
1922	..	2,000	..	5,010	7,010	..	3,391	..	6,648	10,039	
1923	..	1,828	..	5,271	7,359	..	3,506	..	7,799	11,303	
1924	..	2,309	..	5,763	8,992	..	3,210	..	6,202	9,412	
1925	..	..	..	3,015	6,910	..	3,539	961	3,155	9,597	
1926	1,665	2,008	..	2,470	7,034	2,049	3,542	..	1,374	8,951	
1927	..	2,314	..	2,203	6,531	1,395	5,105	1,704	1,374	9,578	
1928	..	3,890	..	2,232	6,827	1,293	3,618	1,248	2,360	8,359	
1929	..	2,694	..	..	..	..	..	..	..	..	
1930	1,882	3,102	720	3,575	9,270	1,936	3,686	..	3,623	10,381	
1931	..	2,689	904	3,077	7,670	1,129	3,965	736	3,256	9,086	
1932	2,311	3,475	594	1,223	7,663	2,325	4,485	820	1,269	9,899	
1933	1,631	2,808	321	707	5,467	1,886	4,476	795	576	7,644	
1934	2,395	3,319	253	6,591	13,921	3,985	5,119	448	657	11,227	
1935	..	3,482	858	592	6,936	4,066	3,791	1,589	651	10,209	
1936	3,075	3,482	..	652	10,067	3,423	4,604	595	422	10,097	
1937	..	2,506	561	443	6,936	3,267	6,288	1,547	559	9,444	
1938	..	5,079	1,244	495	6,746	2,205	6,288	946	559	11,653	
1939	..	671	538	723	4,457	..	..	..	..	..	
1940	..	2,493	..	372	8,796	3,396	5,762	1,330	553	11,041	
1941	..	4,308	1,222	412	8,254	3,088	5,281	1,456	396	10,221	
1942	..	2,252	1,059	1,282	9,171	2,534	5,272	1,777	1,297	10,960	
1943	..	1,139	1,910	634	7,857	1,111	3,962	3,082	1,080	11,232	
1944	2,632	4,755	1,969	3,013	12,625	4,379	7,282	2,004	1,555	18,818	
1945	..	5,704	2,844	1,825	14,579	5,126	6,401	3,872	2,096	19,495	
1946	..	6,206	2,844	2,117	11,112	3,967	5,155	723	3,937	13,202	
1947	4,126	4,161	708	1,863	10,665	5,668	4,317	1,805	2,126	13,511	
1948	..	3,968	1,283	3,223	14,130	5,266	4,317	1,805	2,126	13,511	
1949	..	5,950	..	..	..	..	..	..	..	..	
1950	3,985	3,467	548	1,136	9,316	4,484	4,892	774	1,246	11,654	
1951	..	3,266	789	1,036	9,457	3,985	4,892	4,892	806	10,477	
1952	..	4,541	818	1,677	10,464	5,064	5,233	673	1,010	10,960	
1953	..	5,488	3,158	1,976	12,625	6,133	6,722	931	1,341	13,300	
1954	..	4,106	262	3,205	15,223	6,133	6,722	931	1,341	15,147	
1955	..	4,136	262	1,204	9,711	3,633	3,433	496	1,105	8,897	
1956	..	6,423	1,361	1,440	14,707	6,444	5,693	994	1,384	14,475	
1957	..	4,705	1,361	1,622	11,845	4,361	3,714	934	1,631	10,680	
1958	..	4,673	666	1,352	12,362	4,361	3,714	934	1,631	10,680	
1959	..	5,162	498	1,291	10,317	4,999	2,671	656	1,281	13,285	
1960	..	4,923	487	1,272	10,805	4,464	3,406	873	1,205	9,968	
1961	..	4,038	936	1,748	10,547	2,812	4,096	1,075	1,603	9,586	
1962	..	5,777	1,368	1,658	13,466	4,363	5,076	1,211	1,864	12,514	
1963	..	4,262	1,776	2,427	17,341	5,440	5,418	2,232	1,763	14,873	
1964	..	5,620	1,776	2,070	15,286	6,205	5,557	802	1,868	14,632	
1965	..	5,608	3,046	3,085	19,840	6,361	6,361	3,348	2,007	17,937	
1966	..	6,360	3,046	2,190	13,536	3,673	4,895	1,705	1,691	12,164	
1967	..	5,231	1,485	..	..	..	..	..	..	..	

(CONTINUED ON NEXT PAGE)

SEE NOTE AT END OF TABLE.

# HISTORICAL FISHERY STATISTICS

## HOLDINGS OF SALMON (OTHER THAN FILETS), BY MONTHS, 1920-67 - Continued

YEAR	NOVEMBER				DECEMBER				TOTAL
	CHINOOK OR KING	SILVER OR CONO	CHUM OR RETA	OTHER	CHINOOK OR KING	SILVER OR CONO	CHUM OR RETA	OTHER	
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
1920	..	..	..	8,095	8,095	..	..	7,128	7,128
1921	..	..	..	9,149	9,149	..	..	7,526	7,526
1922	..	..	..	6,073	10,338	..	..	4,885	8,300
1923	..	4,265	..	5,071	9,503	..	..	4,667	7,919
1924	..	6,219	..	6,982	13,201	..	..	6,363	11,588
1925	..	3,421	..	3,007	6,428	..	..	3,027	9,407
1926	..	1,702	1,405	3,003	6,920	1,281	..	3,027	9,407
1927	..	1,722	1,177	2,593	8,950	1,361	..	2,428	8,168
1928	..	1,443	2,447	1,933	11,441	1,230	2,057	2,069	10,369
1929	..	1,296	3,341	2,156	9,748	1,239	2,152	1,840	6,724
1930	..	4,922	2,548	3,317	12,808	1,644	2,128	3,290	11,445
1931	..	1,025	1,729	3,182	10,294	670	1,449	2,754	8,638
1932	..	2,140	4,673	1,148	9,469	1,959	1,106	1,065	8,426
1933	..	1,938	5,303	581	9,015	1,887	3,509	637	8,160
1934	..	3,063	6,327	847	12,660	2,639	2,353	735	10,583
1935	..	3,825	2,695	1,625	11,238	3,830	2,959	677	10,895
1936	..	4,063	3,825	655	11,238	3,830	2,959	677	10,895
1937	..	3,627	4,903	381	13,150	3,897	4,216	346	12,019
1938	..	3,597	6,234	4,451	14,671	3,188	5,405	441	13,191
1939	..	2,132	3,063	553	7,770	1,892	2,845	505	7,495
1940	..	3,564	5,281	2,495	11,789	3,137	2,691	409	11,074
1941	..	2,959	4,643	4,386	12,455	2,774	4,096	477	11,553
1942	..	2,448	4,948	3,265	11,999	1,872	3,077	1,229	9,451
1943	..	1,754	4,127	3,165	674	1,344	4,466	699	6,937
1944	..	3,573	4,700	959	13,232	3,742	4,308	4,894	13,658
1945	..	5,048	6,442	4,959	21,966	4,597	7,527	2,560	21,971
1946	..	5,048	6,442	4,959	21,966	4,597	7,527	2,560	21,971
1947	..	3,604	4,917	1,463	2,607	4,673	5,274	2,185	14,745
1948	..	4,543	4,105	1,500	11,864	5,128	2,211	2,146	13,763
1949	..	5,344	5,447	1,950	13,601	4,941	1,702	1,450	12,167
1950	..	4,787	5,425	1,388	13,452	4,137	5,223	1,299	12,426
1951	..	3,443	5,255	1,664	11,650	3,626	5,279	1,073	12,523
1952	..	5,679	5,973	1,410	888	14,150	6,347	2,125	15,023
1953	..	5,713	1,911	1,803	14,350	5,385	4,781	1,016	14,355
1954	..	3,880	905	1,839	6,277	5,117	2,079	1,534	11,710
1955	..	5,624	1,143	1,304	12,960	5,163	1,195	1,304	12,217
1956	..	3,888	3,007	1,545	9,436	3,702	2,556	1,276	8,534
1957	..	5,032	4,967	1,560	12,840	4,949	5,045	1,482	12,630
1958	..	4,384	2,652	1,178	9,163	3,657	2,234	589	9,51
1959	..	4,186	3,577	1,406	10,377	3,877	3,169	1,079	9,423
1960	..	3,664	3,011	1,218	9,671	3,298	3,537	1,192	8,968
1961	..	4,669	5,934	1,476	13,511	4,292	5,180	1,361	11,906
1962	..	5,173	4,036	1,644	12,725	4,362	3,565	1,350	10,128
1963	..	5,120	5,120	1,722	13,250	4,732	2,683	1,073	11,483
1964	..	5,102	3,290	1,722	13,250	4,732	2,683	1,073	11,483
1965	..	5,102	3,290	1,722	13,250	4,732	2,683	1,073	11,483
1966	..	5,618	5,032	1,955	15,874	4,728	3,645	1,664	12,331
1967	..	4,301	3,280	1,540	10,607	3,749	3,312	1,407	9,941

NOTE:---PRIOR TO 1922, DATA WAS NOT GROUPED BY SPECIES, FROM 1922-26, SALMON WAS GROUPED AS SILVER OR CONO AND OTHER, DATA NOT AVAILABLE PRIOR TO JANUARY 1920.

## HISTORICAL FISHERY STATISTICS

HOLDINGS OF SMELT, BY MONTHS, 1920-67  
(THOUSANDS OF POUNDS)

YEAR	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
1920	611	990	915	503	143	110	89	101	116	163	162	182
1921	384	672	672	304	293	248	268	272	335	334	317	380
1922	384	982	1,152	408	351	351	334	332	336	327	299	204
1923	237	1,670	1,263	92	86	74	69	76	79	110	146	244
1924	443	790	1,267	537	273	226	109	546	584	578	583	650
1925	322	503	1,246	655	557	532	1,036	1,416	1,330	655	557	532
1926	1,056	1,506	1,383	745	509	509	485	474	439	434	336	232
1927	398	1,022	1,353	711	447	426	403	368	392	416	454	472
1928	648	1,049	1,342	882	660	672	718	692	690	679	645	552
1929												
1930	393	644	969	468	468	468	451	444	467	514	400	541
1931	603	972	1,208	488	419	400	409	398	398	416	403	672
1932	665	1,181	1,672	266	224	212	197	187	192	180	240	299
1933	344	797	1,001	571	570	515	501	517	519	527	719	1,111
1934	197	196	1,278	716	660	728	514	545	559	548	607	743
1935	648	1,121	1,596	623	601	513	513	545	556	548	615	690
1936	1,407	1,821	1,590	1,743	2,151	2,087	2,066	2,022	2,046	1,885	1,916	1,635
1937	1,497	1,457	1,641	1,126	1,084	1,016	944	939	961	889	821	743
1938	591	1,474	1,337	852	814	829	799	819	921	837	711	676
1939	526	1,319	1,077	608	1,078	977	1,019	1,016	977	942	739	636
1940	532	609	1,087	1,233	1,567	1,778	1,753	1,732	1,676	1,517	1,475	1,232
1941	1,409	1,974	2,161	1,746	2,046	1,942	1,800	1,675	1,788	1,630	1,449	1,254
1942	1,409	1,818	2,170	1,456	1,482	1,252	1,292	1,242	1,174	1,043	866	627
1943	498	508	731	1,116	697	505	556	527	507	487	421	404
1944	516	1,139	1,693	1,653	1,394	1,260	1,612	1,574	1,497	1,490	1,755	1,703
1945	1,598	1,800	1,800	1,800	1,690	1,690	1,612	1,574	1,497	1,490	1,755	1,703
1946	1,922	1,448	1,435	2,055	1,609	1,471	1,366	1,362	1,409	1,265	1,183	1,157
1947	922	1,148	1,000	932	802	917	872	818	820	832	681	743
1948	724	1,461	1,493	2,438	2,207	2,033	1,929	1,929	1,958	1,968	1,692	1,577
1949	1,431	1,353	1,957	2,216	1,830	1,474	1,374	1,337	1,326	1,342	1,078	856
1950	756	867	1,245	1,268	949	1,074	1,280	1,139	1,085	989	1,002	1,043
1951	603	1,169	1,486	2,015	1,991	1,868	1,812	1,713	1,695	1,454	1,242	1,000
1952	609	542	569	718	881	956	1,208	1,272	1,102	1,154	1,176	1,201
1953	996	1,072	1,476	1,614	1,801	1,755	1,618	1,504	1,498	1,383	1,013	1,036
1954	524	1,109	1,145	1,144	1,081	1,023	1,032	1,032	1,032	1,032	1,032	1,032
1955	905	672	655	850	998	1,116	1,279	1,189	1,156	1,591	1,424	887
1956	846	751	669	715	1,074	1,268	1,342	1,193	1,192	1,192	1,162	952
1957	791	846	846	1,007	1,138	1,375	1,491	1,572	1,528	1,528	1,468	1,468
1958												
1959	1,069	912	783	1,012	1,330	1,330	1,362	1,434	1,329	1,329	1,268	1,459
1960	1,294	1,166	903	699	679	683	685	751	916	1,260	1,535	1,484
1961	1,433	1,211	980	814	818	808	845	941	1,146	1,146	1,333	1,278
1962	1,276	1,095	822	809	1,135	1,257	1,454	1,628	2,044	2,930	3,135	3,112
1963	2,374	1,752	1,350	1,350	1,322	1,278	1,282	1,444	1,472	1,436	1,436	1,436
1964	1,015	1,015	1,015	1,015	1,015	1,015	1,015	1,015	1,015	1,015	1,015	1,015
1965	1,925	1,925	1,925	1,925	1,925	1,925	1,925	1,925	1,925	1,925	1,925	1,925
1966	1,959	1,144	941	1,024	1,145	855	938	901	785	933	881	830
1967	1,081	1,772	715	1,041	1,017	804	984	445	470	351	422	488

NOTE: --DATA NOT AVAILABLE PRIOR TO JANUARY 1920.

# HISTORICAL FISHERY STATISTICS

437

## HOLDINGS OF SWORDFISH, BY MONTHS, 1939-67 (THOUSANDS OF POUNDS)

YEAR	HOLDINGS OF SWORDFISH, BY MONTHS, 1939-67 (THOUSANDS OF POUNDS)											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
1939	826	821	834	979	914	733	344	519	985	608	493	287
1940	422	567	481	284	337	240	346	694	1,077	966	583	561
1941	432	468	255	106	254	250	262	794	1,075	1,075	875	710
1942	587	359	386	348	272	199	201	527	787	787	592	414
1943	406	317	228	132	80	68	68	170	739	719	699	516
1944	401	307	183	312	85	62	35	345	1,021	1,021	2,317	2,093
1945	378	312	312	312	85	62	35	345	1,021	1,021	2,317	2,093
1946	1,761	1,426	1,181	867	577	326	205	537	1,092	1,143	1,041	913
1947	1,077	1,845	1,871	323	234	214	324	432	1,041	1,041	1,041	913
1948	1,798	742	803	719	845	709	578	468	1,271	1,323	1,650	1,562
1949	1,691	1,697	1,807	1,355	1,025	607	1,006	1,036	1,093	1,164	1,124	1,377
1950	1,264	1,436	1,274	1,288	1,300	1,799	1,602	1,404	1,641	1,912	2,837	2,272
1951	2,672	2,808	1,624	1,467	808	300	1,224	265	1,162	1,957	2,045	3,991
1952	5,291	5,475	5,079	3,966	3,703	3,189	2,681	2,902	3,063	3,026	2,721	3,156
1953	3,225	2,943	2,199	1,662	1,319	1,023	2,018	2,309	1,964	1,701	1,532	1,500
1954	4,659	1,525	1,920	1,930	2,233	2,140	2,113	2,164	2,113	1,623	1,465	1,481
1955	1,525	1,525	1,920	1,930	2,233	2,140	2,113	2,164	2,113	1,623	1,465	1,481
1956	1,421	1,131	1,340	1,378	1,390	1,191	1,042	1,786	1,786	1,389	1,731	2,061
1957	2,051	1,831	1,957	1,871	1,820	1,360	1,371	1,593	1,661	1,602	1,439	1,683
1958	1,589	1,480	1,820	1,960	1,852	1,552	1,624	2,469	2,510	2,505	2,665	2,568
1959	2,711	2,126	1,603	1,628	1,977	1,559	1,453	1,889	3,199	2,229	2,748	2,568
1960	1,926	1,525	1,223	1,108	1,017	913	1,085	973	1,398	1,409	1,332	1,562
1961	1,749	2,248	2,140	2,035	1,924	1,694	1,659	1,764	2,130	2,036	2,154	2,350
1962	2,186	1,973	1,815	1,731	1,689	1,748	1,633	1,917	2,052	2,022	2,355	2,483
1963	1,820	1,991	1,919	1,865	1,809	1,607	1,524	1,635	1,822	1,812	1,922	2,450
1964	2,032	1,820	1,666	1,607	1,524	1,325	1,325	1,587	1,587	1,587	1,587	2,325
1965	2,032	1,516	1,166	1,214	1,211	1,111	1,010	1,703	2,031	2,159	2,159	2,325
1966	2,329	1,762	1,684	1,614	1,556	1,111	1,010	1,730	2,198	2,198	2,710	2,647
1967	2,452	1,917	1,785	1,752	1,391	1,232	1,226	1,103	976	1,112	1,527	1,523

NOTE:--DATA NOT AVAILABLE PRIOR TO JANUARY 1939.

## HISTORICAL FISHERY STATISTICS

**HOLDINGS OF WHITING (HEADED AND GUTTED), BY MONTHS, 1920-67**  
(THOUSANDS OF POUNDS)

YEAR	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER	
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY																
1920	9,330	6,664	3,470	2,287	1,533	2,375	4,594	6,450	6,640	5,096	9,536	9,412	7,931	9,412	7,931	9,412	7,931	9,412	7,931	9,412	7,931	9,412	7,931	9,412
1921	5,685	3,754	2,654	2,066	1,533	2,375	4,594	6,450	6,640	5,096	9,536	9,412	7,931	9,412	7,931	9,412	7,931	9,412	7,931	9,412	7,931	9,412	7,931	9,412
1922	3,440	1,972	939	602	662	1,445	3,048	3,774	4,010	4,445	3,048	3,774	4,010	4,445	3,048	3,774	4,010	4,445	3,048	3,774	4,010	4,445	3,048	3,774
1923	2,395	1,144	381	165	159	1,159	1,344	1,068	1,068	1,068	1,068	1,068	1,068	1,068	1,068	1,068	1,068	1,068	1,068	1,068	1,068	1,068	1,068	1,068
1924	2,780	2,507	1,357	1,027	932	1,007	1,327	1,007	1,007	1,007	1,007	1,007	1,007	1,007	1,007	1,007	1,007	1,007	1,007	1,007	1,007	1,007	1,007	1,007
1925	4,901	5,604	1,827	1,216	1,005	2,321	6,697	7,733	8,007	7,432	7,432	7,432	7,432	7,432	7,432	7,432	7,432	7,432	7,432	7,432	7,432	7,432	7,432	7,432
1926	5,449	3,452	1,690	1,429	1,417	2,221	6,445	4,445	4,445	4,445	4,445	4,445	4,445	4,445	4,445	4,445	4,445	4,445	4,445	4,445	4,445	4,445	4,445	4,445
1927	2,940	1,928	1,211	2,076	1,469	2,752	6,850	11,284	12,364	11,284	11,284	11,284	11,284	11,284	11,284	11,284	11,284	11,284	11,284	11,284	11,284	11,284	11,284	
1928	5,611	4,051	3,043	2,076	1,503	2,486	4,433	6,010	6,010	6,010	6,010	6,010	6,010	6,010	6,010	6,010	6,010	6,010	6,010	6,010	6,010	6,010	6,010	
1929	5,178	3,636	2,398	1,400	1,013	4,954	8,399	8,402	8,402	8,402	8,402	8,402	8,402	8,402	8,402	8,402	8,402	8,402	8,402	8,402	8,402	8,402	8,402	
1930	6,018	4,586	3,743	2,777	2,371	4,685	6,364	6,364	6,364	6,364	6,364	6,364	6,364	6,364	6,364	6,364	6,364	6,364	6,364	6,364	6,364	6,364	6,364	
1931	2,919	1,988	2,503	1,967	1,621	3,969	5,246	5,246	5,246	5,246	5,246	5,246	5,246	5,246	5,246	5,246	5,246	5,246	5,246	5,246	5,246	5,246	5,246	
1932	4,919	3,584	2,503	1,967	1,621	3,969	5,246	5,246	5,246	5,246	5,246	5,246	5,246	5,246	5,246	5,246	5,246	5,246	5,246	5,246	5,246	5,246	5,246	
1933	4,292	3,584	2,503	1,967	1,621	3,969	5,246	5,246	5,246	5,246	5,246	5,246	5,246	5,246	5,246	5,246	5,246	5,246	5,246	5,246	5,246	5,246	5,246	
1934	4,427	2,683	1,408	1,817	1,533	6,045	7,432	7,432	7,432	7,432	7,432	7,432	7,432	7,432	7,432	7,432	7,432	7,432	7,432	7,432	7,432	7,432	7,432	
1935	4,427	2,683	1,408	1,817	1,533	6,045	7,432	7,432	7,432	7,432	7,432	7,432	7,432	7,432	7,432	7,432	7,432	7,432	7,432	7,432	7,432	7,432	7,432	
1936	4,427	2,683	1,408	1,817	1,533	6,045	7,432	7,432	7,432	7,432	7,432	7,432	7,432	7,432	7,432	7,432	7,432	7,432	7,432	7,432	7,432	7,432	7,432	
1937	15,744	13,617	11,127	9,046	6,985	6,128	12,117	16,474	18,590	17,092	16,474	16,474	16,474	16,474	16,474	16,474	16,474	16,474	16,474	16,474	16,474	16,474	16,474	
1938	5,622	4,392	2,281	1,127	799	2,451	7,898	8,610	8,610	8,610	8,610	8,610	8,610	8,610	8,610	8,610	8,610	8,610	8,610	8,610	8,610	8,610	8,610	
1939	7,457	5,646	3,751	2,342	1,679	4,476	5,660	9,259	9,259	9,259	9,259	9,259	9,259	9,259	9,259	9,259	9,259	9,259	9,259	9,259	9,259	9,259	9,259	
1940	7,526	5,714	3,798	2,536	1,430	2,660	6,600	9,469	9,469	9,469	9,469	9,469	9,469	9,469	9,469	9,469	9,469	9,469	9,469	9,469	9,469	9,469	9,469	
1941	6,663	6,274	3,199	1,208	1,206	2,416	7,122	13,534	14,442	13,534	13,534	13,534	13,534	13,534	13,534	13,534	13,534	13,534	13,534	13,534	13,534	13,534	13,534	
1942	7,647	4,866	2,631	1,920	1,534	3,654	6,957	14,213	15,026	15,026	15,026	15,026	15,026	15,026	15,026	15,026	15,026	15,026	15,026	15,026	15,026	15,026	15,026	
1943	13,404	6,718	4,205	2,672	1,104	1,741	5,317	8,949	10,922	10,922	10,922	10,922	10,922	10,922	10,922	10,922	10,922	10,922	10,922	10,922	10,922	10,922	10,922	
1944	5,295	3,963	2,470	1,585	1,225	2,170	3,566	6,054	6,054	6,054	6,054	6,054	6,054	6,054	6,054	6,054	6,054	6,054	6,054	6,054	6,054	6,054	6,054	
1945	5,295	3,963	2,470	1,585	1,225	2,170	3,566	6,054	6,054	6,054	6,054	6,054	6,054	6,054	6,054	6,054	6,054	6,054	6,054	6,054	6,054	6,054	6,054	
1946	6,208	4,694	3,053	2,053	1,532	2,532	3,796	7,620	10,457	10,457	10,457	10,457	10,457	10,457	10,457	10,457	10,457	10,457	10,457	10,457	10,457	10,457	10,457	
1947	7,251	5,016	3,287	1,817	1,110	1,348	5,707	10,695	14,727	14,727	14,727	14,727	14,727	14,727	14,727	14,727	14,727	14,727	14,727	14,727	14,727	14,727	14,727	
1948	10,630	9,174	6,505	4,778	3,156	4,025	6,069	13,932	15,006	15,006	15,006	15,006	15,006	15,006	15,006	15,006	15,006	15,006	15,006	15,006	15,006	15,006	15,006	
1949	13,671	11,345	7,961	5,298	3,110	3,854	6,875	11,195	13,932	13,932	13,932	13,932	13,932	13,932	13,932	13,932	13,932	13,932	13,932	13,932	13,932	13,932	13,932	
1950	19,748	17,235	12,875	8,669	6,563	4,400	4,633	9,563	20,460	26,426	26,426	26,426	26,426	26,426	26,426	26,426	26,426	26,426	26,426	26,426	26,426	26,426	26,426	
1951	7,672	5,009	3,199	1,698	1,062	3,916	13,659	23,916	23,916	23,916	23,916	23,916	23,916	23,916	23,916	23,916	23,916	23,916	23,916	23,916	23,916	23,916	23,916	
1952	16,047	14,423	11,415	8,932	6,500	6,500	12,757	18,268	19,824	19,824	19,824	19,824	19,824	19,824	19,824	19,824	19,824	19,824	19,824	19,824	19,824	19,824	19,824	
1953	16,423	14,671	12,238	8,566	6,495	4,514	8,295	13,670	16,120	16,120	16,120	16,120	16,120	16,120	16,120	16,120	16,120	16,120	16,120	16,120	16,120	16,120	16,120	
1954	17,207	14,320	12,238	8,566	6,495	4,514	8,295	13,670	16,120	16,120	16,120	16,120	16,120	16,120	16,120	16,120	16,120	16,120	16,120	16,120	16,120	16,120	16,120	
1955	17,207	14,320	12,238	8,566	6,495	4,514	8,295	13,670	16,120	16,120	16,120	16,120	16,120	16,120	16,120	16,120	16,120	16,120	16,120	16,120	16,120	16,120	16,120	
1956	10,531	7,566	6,051	6,074	6,328	7,904	9,546	10,324	10,324	10,324	10,324	10,324	10,324	10,324	10,324	10,324	10,324	10,324	10,324	10,324	10,324	10,324	10,324	
1957	6,433	4,188	2,422	2,422	2,422	6,950	13,339	19,172	20,490	20,490	20,490	20,490	20,490	20,490	20,490	20,490	20,490	20,490	20,490	20,490	20,490	20,490	20,490	
1958	12,718	8,203	5,049	2,914	2,691	4,860	10,076	17,567	16,216	16,216	16,216	16,216	16,216	16,216	16,216	16,216	16,216	16,216	16,216	16,216	16,216	16,216	16,216	
1959	12,363	6,944	5,776	4,234	4,561	6,506	16,164	14,240	15,164	15,164	15,164	15,164	15,164	15,164	15,164	15,164	15,164	15,164	15,164	15,164	15,164	15,164	15,164	
1960	9,363	3,610	6,239	2,239	2,401	3,240	6,240	11,931	14,612	14,612	14,612	14,612	14,612	14,612	14,612	14,612	14,612	14,612	14,612	14,612	14,612	14,612	14,612	
1961	9,690	6,661	3,200	2,181	2,015	2,994	13,301	13,301	13,301	13,301	13,301	13,301	13,301	13,301	13,301	13,301	13,301	13,301	13,301	13,301	13,301	13,301	13,301	
1962	6,916	6,135	3,225	2,261	2,261	4,087	10,008	14,424	16,259	16,259	16,259	16,259	16,259	16,259	16,259	16,259	16,259	16,259	16,259	16,259	16,259	16,259	16,259	
1963	8,625	6,751	4,692	3,122	1,664	4,748	11,663	11,663	11,663	11,663	11,663	11,663	11,663	11,663	11,663	11,663	11,663	11,663	11,663	11,663	11,663	11,663	11,663	
1964	8,955	6,085	5,311	3,122	1,664	4,748	11,663	11,663	11,663	11,663	11,663	11,663	11,663	11,663	11,663	11,663	11,663	11,663	11,663	11,663	11,663	11,663	11,663	
1965	8,955	6,085	5,311	3,122	1,664	4,748	11,663	11,663	11,663	11,663	11,663	11,663	11,663	11,663	11,663	11,663	11,663	11,663	11,663	11,663	11,663	11,663	11,663	
1966	6,083	3,158	1,158	1,514	1,965	2,692	6,238	18,126	19,390	19,3														

# HISTORICAL FISHERY STATISTICS

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## HOLDINGS OF CHUBS, BY MONTHS, 1941-67 (THOUSANDS OF POUNDS)

YEAR	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
1941	460	505	520	177	129	182	266	312	477	590	427	562
1942	460	505	520	177	137	126	196	355	482	546	460	502
1943	480	318	212	121	100	73	102	264	529	650	624	507
1944	499	390	283	167	122	176	195	411	659	772	610	586
1945	625	344	217	121	478	29	86	424	870	1,123	1,027	1,108
1946	1,082	879	409	230	417	111	125	340	496	493	440	496
1947	1,029	733	417	253	191	172	132	318	390	430	351	316
1948	373	315	138	65	60	72	182	383	586	770	966	976
1949	1,029	798	533	403	288	246	341	546	666	774	797	638
1950	671	538	382	176	183	183	268	487	659	1,116	1,095	838
1951	928	618	323	144	186	156	313	544	725	949	1,098	1,021
1952	958	905	655	582	389	307	313	674	674	979	1,260	1,001
1953	737	659	320	149	77	107	137	560	1,022	1,388	1,593	1,593
1954	1,275	1,243	755	366	495	525	662	869	930	1,061	1,083	1,099
1955	1,095	1,142	511	638	989	992	1,179	805	1,687	1,137	1,501	1,522
1956	1,259	899	708	413	844	414	239	460	721	859	834	660
1957	1,277	879	514	175	104	137	239	460	721	859	834	660
1958	730	536	314	279	296	319	642	1,154	1,424	1,536	1,527	1,527
1959	1,568	1,145	875	743	826	808	941	1,219	1,085	1,216	1,424	1,369
1960	1,269	1,028	373	319	507	587	659	810	927	1,123	1,321	751
1961	1,416	904	602	424	687	950	950	1,020	1,150	1,168	1,366	1,533
1962	1,410	952	486	629	861	1,154	1,166	1,080	1,474	1,566	1,479	1,440
1963	1,289	783	527	333	825	805	997	1,137	1,290	1,771	1,590	1,597
1964	1,787	1,462	1,398	1,284	1,384	1,414	1,306	1,426	1,493	967	788	1,011
1965	800	533	189	103	243	618	816	1,055	1,055	1,050	1,050	1,011
1966	1,954	1,573	1,393	1,393	1,544	1,387	1,302	1,446	1,397	1,446	1,446	1,436
1967	1,385	742	488	342	731	807	887	1,001	1,262	1,377	1,389	1,725

NOTE:--DATA NOT AVAILABLE PRIOR TO JANUARY 1941.

## HISTORICAL FISHERY STATISTICS

HOLDINGS OF FRESH-WATER TROUT, BY MONTHS, 1920-67  
(THOUSANDS OF POUNDS)

YEAR	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1920	1,230	821	315	91	252	412	463	554	555	954	1,675	2,108
1921	1,594	1,566	1,114	1,096	896	944	1,032	991	1,053	1,213	2,004	2,489
1922	1,866	1,256	700	262	400	498	565	497	426	426	1,617	1,654
1923	1,441	897	285	196	43	376	281	376	383	1,191	1,191	1,612
1924	1,105	1,115	302	202	196	202	196	196	196	1,191	1,191	1,612
1925	1,610	1,236	410	410	410	410	410	410	410	410	410	410
1926	2,093	1,704	687	227	215	673	755	755	755	1,095	2,079	2,019
1927	1,564	1,245	896	614	554	606	606	614	1,292	1,975	2,079	2,019
1928	1,565	1,348	666	410	370	470	564	884	921	1,086	1,750	2,326
1929	1,679	1,463	800	563	450	460	460	625	752	1,079	2,013	1,855
1930	1,591	1,236	668	577	610	620	673	767	815	1,017	1,814	1,810
1931	1,649	1,358	920	694	647	631	630	630	630	697	1,261	1,810
1932	1,129	937	600	308	315	318	369	349	349	440	864	778
1933	1,520	1,115	522	69	69	350	432	432	432	702	1,507	1,507
1934	1,520	1,115	522	69	69	350	432	432	432	702	1,507	1,507
1935	925	689	415	184	215	235	356	357	272	343	1,726	1,706
1936	516	284	144	53	60	133	211	242	302	302	605	631
1937	664	473	250	194	341	208	228	243	257	345	1,119	1,119
1938	659	459	309	194	269	269	269	359	440	571	1,119	1,119
1939	983	730	463	274	261	268	273	299	289	469	1,091	1,091
1940	1,546	1,161	790	550	363	362	332	371	321	541	969	1,216
1941	1,070	829	578	332	322	287	358	398	473	621	1,268	1,268
1942	1,507	995	744	300	344	344	359	351	276	416	615	615
1943	1,507	995	744	300	344	344	359	351	276	416	615	615
1944	468	423	242	171	242	242	242	242	242	242	625	625
1945	713	455	342	96	853	875	919	1,045	822	721	825	895
1946	570	497	479	638	788	710	611	457	491	506	618	780
1947	491	421	313	374	300	300	324	324	410	512	599	696
1948	525	425	342	342	342	342	342	342	300	467	967	967
1949	532	453	413	344	309	269	317	349	311	616	795	714
1950	646	626	545	479	410	456	469	576	692	902	1,133	1,075
1951	899	730	638	518	369	426	487	394	424	594	720	695
1952	1,206	1,026	756	616	568	568	713	756	835	957	1,058	1,057
1953	1,171	991	764	616	568	568	713	756	835	957	1,058	1,057
1954	925	658	669	658	581	729	613	930	1,392	1,661	2,022	1,663
1955	1,102	978	1,035	1,035	963	1,046	958	1,453	1,207	1,359	1,311	1,171
1956	1,254	977	972	927	856	804	900	980	1,229	1,166	1,166	1,189
1957	1,551	1,400	1,014	886	639	689	718	718	1,371	1,364	1,285	1,464
1958	1,351	1,362	1,251	1,327	1,359	1,359	1,211	1,310	1,326	1,632	1,613	1,535
1959	1,420	1,291	1,351	1,327	1,417	1,336	1,211	1,310	1,326	1,632	1,613	1,535
1960	1,426	1,326	946	621	734	699	769	853	912	912	931	848
1961	761	705	677	772	721	711	728	685	1,081	1,180	1,185	1,134
1962	1,064	1,064	1,056	1,047	1,151	1,151	1,131	1,103	1,170	1,221	1,302	1,302
1963	1,064	1,064	1,056	1,047	1,151	1,151	1,131	1,103	1,170	1,221	1,302	1,302
1964	1,197	1,023	1,044	1,075	1,049	1,027	917	923	923	1,424	1,424	1,503
1965	1,420	1,452	1,314	1,019	962	896	1,007	1,172	1,102	1,206	1,412	1,375
1966	1,340	1,263	860	792	1,031	1,012	1,001	960	1,098	1,155	1,301	1,317
1967	1,324	760	804	822	962	1,074	1,003	1,116	1,306	1,417	1,650	1,584

NOTE:--DATA NOT AVAILABLE PRIOR TO JANUARY 1920.

# HISTORICAL FISHERY STATISTICS

## HOLDINGS OF WHITEFISH, BY MONTHS, 1920-67 (THOUSANDS OF POUNDS)

YEAR	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
1920	2,220	1,965	1,371	823	382	287	331	624	1,015	1,101	1,090	1,985
1921	1,598	1,417	1,084	1,400	1,067	1,997	1,276	1,957	1,792	2,022	2,360	2,614
1922	2,201	1,991	1,414	1,633	1,489	1,427	1,500	1,569	1,677	1,833	1,725	1,669
1923	1,562	1,223	1,062	1,446	1,074	1,026	1,149	1,306	1,351	1,410	1,622	2,316
1924	1,952	1,746	1,283	1,224	1,133	1,283	1,283	1,374	1,393	1,328	1,907	2,316
1925	2,309	2,201	1,954	611	433	511	970	986	986	1,334	1,297	1,797
1926	1,279	1,493	1,228	837	607	702	740	888	1,284	1,284	1,284	1,284
1927	1,126	1,398	1,101	577	577	1,212	1,377	1,596	1,616	1,536	1,699	1,864
1928	1,234	1,359	1,124	1,276	1,214	1,276	1,377	1,596	1,616	1,536	1,699	1,864
1929												
1930	1,918	1,966	1,758	1,292	1,212	1,236	1,336	1,368	1,387	1,323	1,458	1,483
1931	1,360	1,320	1,850	754	608	816	816	1,061	1,369	1,369	1,369	1,606
1932	1,232	1,068	1,646	368	368	316	1,230	1,181	2,125	2,503	2,511	2,759
1933	1,332	1,151	1,151	511	511	1,230	1,230	2,181	2,181	2,181	2,181	2,181
1934	2,312	1,939	1,782	1,320	857	669	705	1,086	1,086	1,127	1,118	1,969
1935	639	1,043	1,043	820	636	529	502	615	630	630	682	682
1936	775	907	892	595	318	212	303	296	425	513	511	510
1937	769	939	1,134	1,077	877	820	928	1,248	1,560	1,560	1,560	1,801
1938	1,224	1,676	1,895	1,610	1,325	1,445	1,330	1,746	1,746	1,596	1,679	1,801
1939	1,725	1,644	1,644	1,644	1,325	1,445	1,330	1,371	1,380	1,474	1,607	1,865
1940	1,566	1,798	1,902	1,701	1,523	1,238	1,256	1,700	1,779	2,226	2,373	2,305
1941	2,033	2,048	1,894	1,440	1,189	673	973	1,257	1,415	1,477	1,872	2,090
1942	1,501	1,588	1,465	1,439	1,253	954	633	794	1,066	1,066	1,066	1,014
1943	899	1,151	1,151	1,151	1,151	1,151	1,151	1,151	1,151	1,151	1,151	1,151
1944	1,343	1,096	1,096	1,126	2,114	1,970	1,958	2,039	2,054	2,015	1,854	1,650
1945	1,222	1,004	1,064	1,064	1,401	1,442	1,315	676	920	1,246	1,256	1,281
1946	1,174	1,106	1,492	1,693	1,500	1,077	1,050	1,322	1,700	1,667	1,747	1,599
1947	1,520	1,603	1,492	1,596	1,177	1,095	888	915	1,143	1,172	1,520	1,520
1948	2,079	1,648	1,634	1,598	943	570	572	837	1,143	1,573	1,772	1,520
1949	1,677	1,372	1,346	1,092	747	570	572	837	1,327	2,026	2,505	2,172
1950	1,707	1,662	1,649	1,332	863	576	566	1,272	1,816	2,276	2,143	2,057
1951	1,882	1,949	2,037	1,868	862	679	655	1,066	1,101	2,276	2,232	2,232
1952	1,067	1,429	1,496	1,429	1,496	1,429	1,429	1,429	1,429	1,429	1,429	1,429
1953	2,185	2,185	2,185	2,185	2,185	2,185	2,185	2,185	2,185	2,185	2,185	2,185
1954	1,484	1,655	1,655	1,173	1,886	1,851	1,812	2,006	2,224	2,246	2,104	1,998
1955	1,897	1,897	1,842	1,671	1,236	1,345	1,357	1,665	1,802	1,848	1,868	1,708
1956	1,618	1,618	1,324	1,031	1,031	1,345	1,296	1,577	1,802	1,570	1,508	1,356
1957	1,629	1,629	1,324	1,031	1,031	1,345	1,296	1,673	1,644	1,704	1,794	1,949
1958	1,604	1,604	1,673	1,319	1,242	1,168	1,168	2,000	1,750	2,000	1,750	1,612
1959	1,434	1,434	1,434	1,043	830	659	1,032	1,559	1,777	1,777	1,576	1,612
1960	1,518	1,440	1,380	1,043	830	659	1,032	1,240	1,559	1,639	1,704	1,664
1961	1,656	1,616	1,466	1,066	873	869	1,254	1,416	1,634	1,842	1,777	1,616
1962	1,343	1,403	1,319	1,224	973	1,037	1,351	1,416	1,634	1,842	1,777	1,616
1963	1,594	1,594	1,324	1,034	765	956	1,033	1,033	2,075	2,218	2,075	1,826
1964	1,466	1,466	1,144	859	609	804	965	1,053	1,267	1,438	1,438	1,220
1965	1,455	1,392	1,144	859	609	804	965	1,053	1,267	1,438	1,438	1,220
1966	1,555	1,492	1,182	694	694	322	322	580	866	1,596	1,326	1,467
1967	1,427	1,381	1,273	928	1,069	946	1,479	1,107	1,142	1,596	1,510	1,462
1968	1,522	1,408	1,216	928	1,069	946	1,479	1,107	1,142	1,596	1,510	1,462

NOTE:--DATA NOT AVAILABLE PRIOR TO JANUARY 1920.

## HISTORICAL FISHERY STATISTICS

**HOLDINGS OF BAIT AND ANIMAL FOOD, BY MONTHS, 1941-67**  
 (THOUSANDS OF POUNDS)

YEAR	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
1941	1,625	1,379	1,537	1,726	2,296	2,277	3,498	2,634	3,328	2,696	2,635	3,276
1942	2,652	2,579	2,257	2,290	2,471	2,727	2,783	2,691	2,681	2,371	2,254	2,662
1943	2,079	1,720	1,026	1,034	2,449	2,560	2,560	2,560	2,560	2,560	2,554	2,693
1944	3,656	2,689	1,759	3,352	4,781	3,799	2,872	2,927	2,858	2,597	2,554	2,630
1945	3,677	2,959	1,759	5,438	6,039	3,799	2,872	2,927	2,858	2,597	2,554	2,630
1946	3,677	3,119	4,054	4,054	3,463	3,761	3,463	3,761	3,583	2,065	2,161	2,875
1947	4,371	3,119	3,416	4,658	6,277	6,470	5,470	4,142	2,999	2,370	1,676	2,534
1948	4,410	4,194	4,607	5,866	6,024	4,995	4,743	3,668	2,354	2,167	2,468	2,534
1949	4,550	4,518	4,200	6,289	7,249	5,644	5,623	5,351	4,436	3,479	2,468	2,619
1950	3,772	3,385	2,895	4,874	5,656	5,828	6,373	4,836	3,587	3,175	2,803	3,282
1951	3,905	4,857	4,260	4,018	4,246	4,217	3,766	2,958	3,559	3,402	3,173	3,377
1952	4,778	5,365	5,418	5,608	7,115	7,000	4,982	4,968	3,278	2,863	2,344	3,635
1953	5,724	6,794	5,900	6,902	8,037	8,018	7,056	5,884	4,246	4,246	3,430	4,346
1954	6,036	6,681	6,647	9,174	9,406	7,452	6,253	5,963	5,174	4,969	5,310	6,992
1955	6,036	6,681	6,647	9,174	9,406	7,452	6,253	5,963	5,174	4,969	5,310	6,992
1956	6,456	6,054	6,454	9,569	11,942	14,993	14,082	11,104	7,579	5,608	7,245	8,728
1957	8,451	8,092	9,895	12,061	13,619	16,685	15,167	14,864	14,249	11,772	10,566	9,901
1958	8,078	7,654	7,656	11,266	11,126	12,617	15,383	14,227	10,855	7,186	6,225	8,096
1959	9,668	10,471	9,918	11,854	14,146	16,821	15,363	14,227	10,855	7,186	7,947	8,096
1960	7,565	7,410	9,146	10,573	15,880	17,959	17,257	13,995	8,809	6,318	6,536	9,546
1961	9,137	9,765	11,120	12,619	20,209	19,791	17,418	14,602	14,602	12,328	12,404	11,726
1962	10,384	8,900	8,962	13,323	17,906	19,659	17,860	13,944	12,328	7,430	5,822	7,486
1963	10,648	9,011	7,835	14,441	20,148	19,659	17,860	13,944	12,328	7,430	5,822	7,486
1964	8,765	8,494	8,536	12,194	18,454	17,296	16,197	14,417	11,285	6,545	6,989	7,060
1965	8,765	9,193	8,536	12,194	22,567	21,613	17,559	10,771	10,771	9,226	8,231	9,432
1966	8,606	8,606	10,788	14,308	18,228	18,342	16,571	13,996	10,781	9,969	11,596	12,623
1967	10,046	11,415	12,894	15,290	17,598	17,531	18,424	12,375	8,337	7,949	8,233	10,563

NOTE:---DATA NOT AVAILABLE PRIOR TO JANUARY 1941.

# HISTORICAL FISHERY STATISTICS

## HOLDINGS OF CRABS (INCLUDING CRAB MEAT), BY MONTHS, 1945-67 (THOUSANDS OF POUNDS)

YEAR	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
1945	71	71	74	59	76	83	104	95	167	189	247	216
1946	201	180	202	149	189	598	599	669	741	780	814	681
1947	600	478	394	323	305	718	770	604	628	683	676	622
1948	543	503	395	280	269	505	755	505	591	819	593	819
1949	563	473	435	358	340	600	594	706	778	807	809	815
1950	803	665	537	402	332	495	571	509	662	663	736	649
1951	668	472	396	327	364	535	641	667	717	770	829	733
1952	695	634	624	496	601	782	728	669	592	743	474	675
1953	478	405	357	327	307	637	676	676	697	880	829	823
1954	723	681	670	625	624	743	706	721	857	957	1,663	1,471
1955	1,461	1,571	1,403	2,088	2,307	2,520	2,144	2,349	2,050	1,920	2,075	2,025
1956	2,289	2,389	2,674	2,846	3,915	3,516	3,361	2,398	2,181	2,147	2,110	2,160
1957	2,184	2,460	3,009	3,323	3,435	2,948	2,959	2,022	1,656	1,567	1,640	1,642
1958	2,157	2,159	2,677	2,684	2,429	2,055	1,127	935	1,018	1,368	945	1,042
1959	1,595	1,640	1,949	2,094	2,043	2,083	1,661	1,680	1,740	1,878	1,591	1,561
1960	2,014	2,228	2,553	2,833	2,711	2,542	2,440	2,517	1,972	2,461	2,192	2,085
1961	1,827	2,026	2,026	2,368	1,852	1,921	1,659	2,346	2,963	2,405	2,895	2,872
1962	1,630	2,016	2,500	2,590	2,439	2,205	2,021	2,325	2,035	2,695	2,695	2,695
1963	1,630	2,016	2,500	2,590	2,439	2,205	2,021	2,325	2,035	2,695	2,695	2,695
1964	7,702	8,424	8,453	8,171	6,319	5,813	5,817	4,454	4,818	6,556	7,144	8,607
1965	8,787	9,399	10,629	11,254	8,310	7,577	6,026	5,111	4,945	4,812	4,284	5,181
1966	5,661	6,155	5,741	5,641	4,362	3,274	2,888	2,813	3,205	3,070	3,046	2,927
1967												

NOTE:--DATA NOT AVAILABLE PRIOR TO JANUARY 1945.

## HISTORICAL FISHERY STATISTICS

**HOLDINGS OF SPINY LOBSTER (TAILS), BY MONTHS, 1938-67**  
(THOUSANDS OF POUNDS)

YEAR	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
1938	(1)	(1)	(1)	(1)	(1)	(1)	543	468	470	457	409	261
1939	359	279	197	304	441	501	411	353	269	191	194	225
1940	335	372	324	317	365	362	238	122	193	127	127	285
1941	464	359	242	363	232	167	189	441	534	590	543	763
1942	866	1,049	728	365	542	344	143	143	112	107	79	113
1943	117	116	152	193	171	176	230	230	230	230	230	154
1944	169	149	160	141	93	62	58	35	43	46	96	154
1945	308	417	367	425	432	64	58	64	82	97	198	204
1946	308	417	367	425	432	64	58	64	82	97	198	204
1947	819	1,133	956	717	657	242	442	361	316	408	541	802
1948	932	791	1,089	933	953	630	603	414	342	360	467	517
1949	761	724	614	735	329	861	675	890	945	1,067	981	1,289
1950	1,676	1,260	1,949	1,788	1,662	1,406	1,725	1,591	1,253	1,710	1,433	1,826
1951	2,795	2,208	1,621	2,249	1,374	1,774	1,621	1,861	1,462	1,789	1,651	2,088
1952	2,560	2,425	2,094	1,875	1,860	1,467	1,813	1,262	1,171	2,285	2,063	2,232
1953	2,472	2,259	1,852	2,068	1,501	1,514	2,264	2,484	2,177	2,076	2,029	2,232
1954	2,824	2,591	1,901	2,501	1,501	1,501	2,264	2,484	2,177	2,076	2,029	2,232
1955	3,089	2,891	2,501	2,773	3,390	3,175	3,175	3,084	2,691	2,691	3,366	2,710
1956	3,214	3,538	3,972	3,690	4,085	3,598	3,987	3,984	3,911	3,507	4,500	4,846
1957	4,423	5,281	4,945	4,414	4,975	4,598	5,999	5,610	5,610	3,579	4,500	4,846
1958	5,396	4,052	5,994	4,994	4,347	4,526	5,999	5,610	5,610	3,579	4,500	4,846
1959	5,745	3,668	5,758	4,666	4,347	4,761	5,428	4,497	3,770	3,658	3,726	3,733
1960	3,765	4,205	4,023	4,283	6,024	4,517	4,576	3,952	3,801	3,852	4,060	4,241
1961	4,333	5,820	6,118	5,504	6,204	5,593	6,113	5,618	5,138	5,373	5,384	5,423
1962	6,014	6,195	6,069	6,787	6,004	6,126	6,113	5,618	5,138	5,373	5,384	5,423
1963	5,305	4,701	5,305	4,143	5,305	5,305	5,305	5,305	5,305	5,305	5,305	5,305
1964	5,305	4,701	5,305	4,143	5,305	5,305	5,305	5,305	5,305	5,305	5,305	5,305
1965	2,957	3,345	3,610	3,061	3,765	3,498	3,335	3,106	2,614	2,163	2,784	2,711
1966	5,449	5,718	6,888	7,916	8,398	8,962	8,269	8,089	8,032	7,341	7,993	5,648
1967	6,523	6,587	6,994	6,668	6,065	5,521	5,865	5,048	4,336	4,098	3,635	3,760

1/ PRIOR TO JULY 1938, SPINY LOBSTER TAILS WERE INCLUDED WITH "OTHER SHELLFISH."  
NOTE:---INCLUDES SMALL QUANTITIES OF NORTHERN LOBSTER PRODUCTS, WHOLE SPINY LOBSTERS, AND SPINY LOBSTER PRODUCTS.

# HISTORICAL FISHERY STATISTICS

## HOLDINGS OF OYSTER MEATS, BY MONTHS, 1945-67 (THOUSANDS OF POUNDS)

YEAR	MONTHS											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
1945	17	68	54	71	133	147	153	87	66	88	183	191
1946	245	456	456	415	363	336	364	294	264	238	319	276
1947	184	166	166	223	206	335	358	283	269	137	163	201
1948	169	152	105	223	204	277	302	288	222	192	254	284
1949	270	246	232	294	294	370	354	314	291	352	255	347
1950	305	297	313	391	309	325	309	272	207	200	245	258
1951	209	260	176	187	265	265	277	223	173	158	168	154
1952	303	342	362	301	398	440	474	474	347	350	361	404
1953	534	625	645	680	664	633	656	709	549	965	669	653
1954	562	552	524	582	702	600	532	477	503	459	521	520
1955	537	467	599	593	631	626	622	562	480	552	613	613
1956	745	817	825	1,062	1,028	1,107	1,003	791	601	715	736	780
1957	991	1,296	1,010	1,200	1,248	1,201	1,141	992	893	965	916	774
1958	991	1,296	1,010	1,200	1,248	1,201	1,141	992	893	965	916	774
1959	547	684	1,071	1,071	1,226	1,122	1,057	916	751	546	602	626
1960	915	847	920	1,023	1,070	1,355	1,232	1,201	1,033	945	986	936
1961	1,015	950	1,107	1,072	1,165	1,049	978	802	859	852	863	826
1962	1,403	1,403	1,670	1,812	1,567	1,391	1,441	1,363	1,021	894	900	712
1963	910	927	1,327	1,992	1,585	1,391	1,498	1,444	1,273	1,105	1,016	1,051
1964	1,295	1,785	1,828	2,035	1,933	2,216	1,729	1,622	1,622	1,922	1,813	1,633
1965	1,250	1,404	1,785	2,055	1,933	2,216	1,729	1,622	1,622	1,922	1,813	1,633
1966	1,384	1,222	1,384	1,384	1,430	1,406	1,598	1,174	924	991	1,048	2,060
1967	2,321	2,321	2,545	2,165	2,150	1,597	2,124	2,491	1,953	1,231	1,694	1,416

NOTE:--DATA NOT AVAILABLE PRIOR TO JANUARY 1945.

## HISTORICAL FISHERY STATISTICS

**HOLDINGS OF SCALLOP MEATS, BY MONTHS, 1938-67**  
(THOUSANDS OF POUNDS)

YEAR	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
1938	(1)	(1)	(1)	(1)	(1)	(1)	1,232	1,360	1,863	1,733	1,695	1,644
1939	1,414	1,042	589	386	344	535	808	1,013	1,254	1,479	1,437	1,437
1940	1,230	793	367	373	447	618	1,164	1,579	1,635	1,876	1,948	1,745
1941	1,520	1,141	652	356	461	652	904	1,279	1,502	1,571	1,483	1,444
1942	1,078	867	507	285	444	518	659	861	972	1,088	945	706
1943	857	445	233	157	113	31	345	529	566	615	577	415
1944	1,074	655	433	305	357	529	345	529	649	728	649	415
1945	855	507	326	205	227	326	366	667	849	1,132	1,077	1,490
1946	1,040	778	584	399	326	558	708	1,345	1,963	1,904	1,884	2,348
1947	1,235	1,634	1,125	829	782	1,072	1,337	1,367	1,758	1,637	2,069	2,111
1948	2,141	1,608	1,168	765	684	776	1,343	1,676	2,239	2,649	2,928	3,118
1949	3,059	2,643	2,410	1,465	1,313	1,342	1,475	1,764	2,133	2,649	2,159	2,513
1950	2,315	1,671	1,137	572	328	568	1,032	1,718	1,850	2,364	2,842	3,392
1951	3,400	3,245	2,998	2,072	1,790	1,650	1,965	2,363	2,449	2,770	2,959	2,123
1952	2,196	2,232	1,820	901	844	1,020	1,169	1,727	2,056	2,440	2,754	2,823
1953	2,704	2,353	2,036	1,468	1,085	1,207	1,302	1,951	1,542	1,904	1,956	1,853
1954	2,704	2,353	2,036	1,468	1,085	1,207	1,302	1,951	1,542	1,904	1,956	1,853
1955	1,365	1,199	818	608	445	1,322	1,985	2,534	2,478	3,004	2,805	2,680
1956	2,198	2,163	1,669	1,502	1,045	1,772	1,903	2,046	2,483	2,934	3,093	2,796
1957	2,398	2,332	1,968	1,502	1,045	1,772	2,864	3,233	3,352	3,870	4,078	3,446
1958	2,853	2,684	1,827	1,221	1,211	1,399	1,686	2,041	2,059	2,629	2,820	2,020
1959	1,862	1,069	968	907	1,104	1,750	2,288	3,146	3,042	3,072	3,350	3,507
1960	3,075	2,915	2,139	2,171	2,446	3,041	3,198	3,106	2,885	2,986	3,041	3,100
1961	2,612	1,952	1,373	1,365	1,541	1,823	1,979	2,398	2,727	3,170	3,207	2,959
1962	2,375	1,775	1,175	1,280	1,594	2,260	2,392	2,798	2,723	3,011	2,952	2,749
1963	2,730	2,311	1,504	1,310	1,516	2,081	2,073	2,741	3,145	3,530	3,185	3,078
1964	2,617	1,774	1,174	1,280	1,594	2,081	2,073	2,741	3,145	3,530	3,185	3,078
1965	2,617	2,365	1,969	1,966	1,962	2,409	2,969	3,786	5,148	4,758	5,276	5,856
1966	5,178	4,489	3,806	3,942	4,319	4,037	4,196	3,924	3,952	3,691	3,509	3,400
1967	3,329	2,588	2,043	1,869	1,586	1,628	1,520	1,483	1,420	1,367	1,356	1,247

1/ PRIOR TO JULY 1938, SCALLOP MEATS WERE INCLUDED WITH "OTHER SHELLFISH."

# HISTORICAL FISHERY STATISTICS

## HOLDINGS OF SHRIMP, BY MONTHS, 1938-67

(THOUSANDS OF POUNDS)

YEAR	JANUARY			FEBRUARY			MARCH			APRIL		
	RAW	OTHER	TOTAL	RAW	OTHER	TOTAL	RAW	OTHER	TOTAL	RAW	OTHER	TOTAL
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
1938	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1939	(2)	(2)	5,443	(2)	(2)	5,324	(2)	(2)	4,108	(2)	(2)	3,542
1940	(2)	(2)	3,537	(2)	(2)	3,051	(2)	(2)	1,924	(2)	(2)	2,125
1941	(2)	(2)	5,153	(2)	(2)	5,157	(2)	(2)	3,182	(2)	(2)	1,479
1942	(2)	(2)	8,756	(2)	(2)	8,458	(2)	(2)	6,859	(2)	(2)	5,108
1943	(2)	(2)	5,563	(2)	(2)	4,417	(2)	(2)	3,480	(2)	(2)	1,938
1944	(2)	(2)	8,418	(2)	(2)	7,304	(2)	(2)	6,449	(2)	(2)	3,940
1945	(2)	(2)	15,911	(2)	(2)	9,011	(2)	(2)	9,683	(2)	(2)	6,753
1946	(2)	(2)	13,872	(2)	(2)	10,424	(2)	(2)	7,283	(2)	(2)	5,563
1947	(2)	(2)	17,876	(2)	(2)	16,192	(2)	(2)	13,422	(2)	(2)	12,408
1948	(2)	(2)	16,726	(2)	(2)	14,417	(2)	(2)	11,464	(2)	(2)	8,691
1949	(2)	(2)	16,469	(2)	(2)	15,703	(2)	(2)	15,044	(2)	(2)	13,154
1950	(2)	(2)	25,452	(2)	(2)	24,111	(2)	(2)	22,129	(2)	(2)	19,156
1951	(2)	(2)	27,532	(2)	(2)	26,668	(2)	(2)	23,021	(2)	(2)	19,482
1952	(2)	(2)	15,390	(2)	(2)	13,163	(2)	(2)	10,355	(2)	(2)	7,560
1953	(2)	(2)	25,753	(2)	(2)	24,986	(2)	(2)	22,309	(2)	(2)	19,055
1954	23,184	(2)	25,790	4,433	(2)	24,597	11,146	(2)	23,217	11,018	(2)	16,037
1955	23,184	(2)	25,790	4,433	(2)	24,597	11,146	(2)	23,217	11,018	(2)	16,037
1956	15,074	(2)	20,645	5,292	(2)	19,121	10,034	(2)	15,313	9,023	(2)	13,923
1957	17,963	(2)	26,526	5,889	(2)	22,248	14,500	(2)	20,545	12,211	(2)	18,327
1958	30,858	(2)	40,205	8,966	(2)	36,521	24,693	(2)	33,646	23,331	(2)	31,082
1959	34,332	(2)	44,485	29,063	(2)	39,334	23,232	(2)	31,359	20,502	(2)	29,701
1960	37,842	(2)	51,713	37,612	(2)	49,025	31,345	(2)	42,103	27,492	(2)	38,637
1961	21,326	(2)	30,322	19,012	(2)	28,176	16,607	(2)	22,838	15,637	(2)	21,449
1962	28,487	(2)	38,344	28,039	(2)	38,657	27,970	(2)	38,540	24,954	(2)	36,159
1963	43,752	(2)	56,927	35,303	(2)	46,368	31,458	(2)	39,322	29,354	(2)	37,469
1964	21,006	(2)	30,105	11,605	(2)	17,576	12,800	(2)	15,924	12,743	(2)	15,486
1965	28,534	(2)	34,354	25,665	(2)	32,105	24,422	(2)	30,165	21,816	(2)	28,410
1966	15,580	(2)	20,500	15,714	(2)	19,379	15,653	(2)	21,105	17,211	(2)	23,027
1967	28,534	(2)	34,354	25,665	(2)	32,105	24,422	(2)	30,165	21,816	(2)	28,410

(CONTINUED ON NEXT PAGE)

SEE FOOTNOTES AT END OF TABLE.

## HISTORICAL FISHERY STATISTICS

## HOLDINGS OF SHRIMP, BY MONTHS, 1938-67 - Continued

(THOUSANDS OF POUNDS)

YEAR	MAY			JUNE			JULY			AUGUST		
	RAW QUANTITY	OTHER QUANTITY	TOTAL QUANTITY	RAW QUANTITY	OTHER QUANTITY	TOTAL QUANTITY	RAW QUANTITY	OTHER QUANTITY	TOTAL QUANTITY	RAW QUANTITY	OTHER QUANTITY	TOTAL QUANTITY
1938	(1)	(2)	(1)	(1)	(2)	4,472	(2)	(2)	2,203	(2)	(2)	1,490
1939	(2)	(2)	3,429	(2)	(2)	3,692	(2)	(2)	4,098	(2)	(2)	3,275
1940	(2)	(2)	2,091	(2)	(2)	2,395	(2)	(2)	2,776	(2)	(2)	1,810
1941	(2)	(2)	1,395	(2)	(2)	1,565	(2)	(2)	5,925	(2)	(2)	1,500
1942	(2)	(2)	1,253	(2)	(2)	1,466	(2)	(2)	2,222	(2)	(2)	2,618
1943	(2)	(2)	1,233	(2)	(2)	1,412	(2)	(2)	1,878	(2)	(2)	1,938
1944	(2)	(2)	2,448	(2)	(2)	1,912	(2)	(2)	1,878	(2)	(2)	1,568
1945	(2)	(2)	2,671	(2)	(2)	2,828	(2)	(2)	2,457	(2)	(2)	2,080
1946	(2)	(2)	7,030	(2)	(2)	6,974	(2)	(2)	4,560	(2)	(2)	3,846
1947	(2)	(2)	4,505	(2)	(2)	9,765	(2)	(2)	8,504	(2)	(2)	6,297
1948	(2)	(2)	10,945	(2)	(2)	7,251	(2)	(2)	7,810	(2)	(2)	6,795
1949	(2)	(2)	7,445	(2)	(2)	15,956	(2)	(2)	16,617	(2)	(2)	16,389
1950	(2)	(2)	12,379	(2)	(2)	17,310	(2)	(2)	15,602	(2)	(2)	14,324
1951	(2)	(2)	17,310	(2)	(2)	15,465	(2)	(2)	15,836	(2)	(2)	14,103
1952	(2)	(2)	15,465	(2)	(2)	17,488	(2)	(2)	9,391	(2)	(2)	11,993
1953	(2)	(2)	5,960	(2)	(2)	17,488	(2)	(2)	17,217	(2)	(2)	20,632
1954	(2)	(2)	16,772	(2)	(2)	12,513	(2)	(2)	16,084	(2)	(2)	17,178
1955	9,307	3,242	12,549	9,004	3,509	12,513	12,069	3,995	16,064	13,333	4,364	17,697
1956	9,518	4,526	13,044	7,090	4,489	11,579	8,255	5,207	12,672	10,657	6,311	17,781
1957	17,650	3,457	21,107	16,220	5,956	22,176	12,351	8,223	20,574	15,274	5,564	20,638
1958	17,650	3,457	21,107	16,220	5,956	22,176	12,351	8,223	20,574	15,274	5,564	20,638
1959	21,137	7,577	28,714	19,283	7,450	26,733	22,352	7,477	29,829	23,780	9,907	33,687
1960	17,540	7,387	24,927	15,338	7,571	22,909	17,397	9,135	26,532	20,171	12,271	32,442
1961	24,696	8,685	33,381	19,416	4,526	23,942	18,672	5,207	23,879	17,728	7,652	25,380
1962	24,696	8,685	33,381	19,416	4,526	23,942	18,672	5,207	23,879	17,728	7,652	25,380
1963	24,034	10,897	34,931	24,047	9,676	33,723	25,450	11,321	36,771	15,754	5,646	21,400
1964	28,082	9,637	37,719	25,546	9,972	35,518	24,315	9,124	33,439	24,603	13,194	37,997
1965	23,115	11,661	34,776	21,268	11,268	32,537	22,957	10,760	33,697	21,441	11,256	32,697
1966	16,184	10,169	26,353	13,965	9,749	23,714	16,517	10,732	27,249	17,266	11,256	28,505
1967	20,025	16,917	36,942	21,534	17,747	39,281	29,584	18,731	47,315	38,172	19,511	66,888

(CONTINUED ON NEXT PAGE)

SEE FOOTNOTES AT END OF TABLE.

# HISTORICAL FISHERY STATISTICS

## HOLDINGS OF SHRIMP, BY MONTHS, 1938-67 - Continued

(THOUSANDS OF POUNDS)

YEAR	SEPTEMBER			OCTOBER			NOVEMBER			DECEMBER		
	RAW QUANTITY	OTHER QUANTITY	TOTAL QUANTITY	RAW QUANTITY	OTHER QUANTITY	TOTAL QUANTITY	RAW QUANTITY	OTHER QUANTITY	TOTAL QUANTITY	RAW QUANTITY	OTHER QUANTITY	TOTAL QUANTITY
1939	(2)	(2)	1,064	(2)	(2)	2,125	(2)	(2)	4,388	(2)	(2)	5,548
1939	(2)	(2)	2,474	(2)	(2)	2,604	(2)	(2)	3,467	(2)	(2)	4,797
1940	(2)	(2)	2,085	(2)	(2)	3,635	(2)	(2)	5,601	(2)	(2)	7,422
1941	(2)	(2)	1,800	(2)	(2)	3,854	(2)	(2)	7,278	(2)	(2)	9,722
1942	(2)	(2)	2,494	(2)	(2)	4,437	(2)	(2)	5,573	(2)	(2)	5,483
1943	(2)	(2)	2,063	(2)	(2)	4,193	(2)	(2)	8,450	(2)	(2)	7,759
1944	(2)	(2)	2,063	(2)	(2)	4,193	(2)	(2)	8,450	(2)	(2)	7,759
1945	(2)	(2)	4,010	(2)	(2)	6,470	(2)	(2)	13,932	(2)	(2)	16,003
1946	(2)	(2)	6,488	(2)	(2)	7,466	(2)	(2)	11,199	(2)	(2)	13,760
1947	(2)	(2)	4,653	(2)	(2)	7,705	(2)	(2)	14,111	(2)	(2)	16,716
1948	(2)	(2)	6,474	(2)	(2)	7,978	(2)	(2)	12,147	(2)	(2)	16,060
1949	(2)	(2)	6,474	(2)	(2)	6,743	(2)	(2)	12,129	(2)	(2)	16,771
1950	(2)	(2)	16,558	(2)	(2)	17,802	(2)	(2)	22,756	(2)	(2)	24,385
1951	(2)	(2)	15,149	(2)	(2)	16,568	(2)	(2)	22,582	(2)	(2)	26,459
1952	(2)	(2)	15,860	(2)	(2)	12,437	(2)	(2)	14,395	(2)	(2)	16,384
1953	(2)	(2)	15,860	(2)	(2)	12,437	(2)	(2)	14,395	(2)	(2)	16,384
1954	(2)	(2)	25,117	(2)	(2)	26,435	(2)	(2)	30,786	(2)	(2)	35,134
1955	14,220	4,324	18,544	16,509	5,914	22,423	16,291	4,738	23,029	17,569	5,296	22,665
1956	11,905	4,597	16,502	15,562	4,915	20,477	16,713	5,847	22,560	17,199	6,190	23,389
1957	16,896	9,099	22,995	20,362	8,334	28,696	22,386	9,957	32,283	21,719	9,506	31,225
1958	17,977	10,058	28,035	24,320	10,111	34,431	30,251	10,017	40,268	32,844	8,560	41,824
1959	26,119	10,058	36,177	35,057	10,131	45,188	37,534	16,719	64,353	37,860	16,572	80,922
1960	24,492	15,407	36,899	31,209	12,450	43,659	37,264	14,695	51,959	40,913	13,441	54,354
1961	13,361	7,380	20,741	17,811	9,482	26,993	20,668	9,191	29,659	19,755	8,540	28,295
1962	27,356	12,995	40,351	37,315	13,972	51,287	47,500	7,371	54,871	41,567	13,704	68,275
1963	22,909	9,562	32,471	26,974	10,390	37,364	31,268	10,439	41,707	30,641	11,075	48,316
1964	21,419	12,077	33,496	25,566	29,083	54,649	42,426	29,380	71,806	41,461	29,945	101,751
1965	18,050	11,101	29,151	26,938	13,063	40,001	36,521	15,135	51,646	30,238	16,447	68,085
1966	30,646	19,730	50,376	36,029	19,531	55,560	40,519	21,766	62,285	41,405	21,653	83,938
1967	30,646	19,730	50,376	36,029	19,531	55,560	40,519	21,766	62,285	41,405	21,653	83,938

1/ DATA NOT AVAILABLE PRIOR TO JULY 1938.

2/ DATA FOR RAW HEADLESS AND OTHER SHRIMP WERE NOT PUBLISHED SEPARATELY.  
NOTE: --RAW IS HEADLESS SHRIMP WITH SHELL ON; OTHER SHRIMP INCLUDES BREADED.

## HISTORICAL FISHERY STATISTICS

## HOLDINGS OF SQUID, BY MONTHS, 1920-67

(THOUSANDS OF POUNDS)

YEAR	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1920	1,422	282	183	96	94	518	700	866	2,103	2,500	2,686	2,226
1921	1,879	1,436	1,009	1,243	1,243	3,050	3,030	3,107	3,077	1,650	2,381	2,182
1922	1,679	1,036	1,009	514	1,036	1,036	1,036	1,036	1,036	1,036	1,036	1,036
1923	99	99	84	233	38	932	1,343	1,404	1,600	1,600	926	774
1924	580	327	180	38	167	1,660	2,117	2,231	2,231	2,538	2,430	1,850
1925	1,333	1,239	840	200	574	1,764	2,028	2,085	2,085	2,080	1,871	1,597
1926	1,925	1,310	895	395	1,310	1,615	1,615	1,389	1,573	2,080	2,259	2,045
1927	1,790	1,572	1,340	395	1,340	1,572	1,572	1,572	1,572	1,572	1,572	1,572
1928	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400
1929	3,425	2,819	2,045	1,402	1,901	3,358	5,187	5,026	5,352	5,759	4,652	3,989
1930	1,206	907	430	111	1,773	3,171	3,418	3,470	3,370	2,996	2,707	2,454
1931	2,840	1,650	1,453	1,253	1,650	2,325	2,559	2,559	2,559	1,966	1,966	1,037
1932	1,840	1,690	1,322	1,177	1,322	2,322	2,322	2,322	2,322	2,322	2,322	1,364
1933	1,359	1,359	1,359	1,359	1,359	1,359	1,359	1,359	1,359	1,359	1,359	1,359
1934	3,504	1,359	950	19	1,482	7,732	8,928	7,732	6,533	5,37	2,900	3,964
1935	732	691	316	19	540	1,059	1,157	996	1,012	1,012	891	898
1936	1,935	1,681	1,284	284	2,602	2,602	2,759	2,786	2,588	2,402	2,142	1,939
1937	1,500	1,352	1,155	360	1,352	1,352	1,352	1,352	1,352	1,352	1,352	1,352
1938	1,500	1,352	1,155	360	1,352	1,352	1,352	1,352	1,352	1,352	1,352	1,352
1939	1,736	1,511	1,081	601	1,081	1,446	1,647	1,595	1,395	1,131	1,130	1,079
1940	1,550	1,269	954	339	1,269	2,859	2,957	2,949	2,654	2,454	2,212	1,954
1941	1,574	1,302	956	331	1,302	1,544	1,985	1,655	1,474	1,326	1,079	914
1942	1,574	1,302	956	331	1,302	1,544	1,985	1,655	1,474	1,326	1,079	914
1943	1,659	1,352	1,081	601	1,081	1,206	1,206	1,206	1,206	1,206	1,206	1,206
1944	1,337	1,263	1,083	770	1,083	1,309	1,309	1,325	1,255	1,156	1,421	1,442
1945	1,643	1,602	1,519	602	1,602	1,602	1,602	1,577	1,636	801	2,004	2,741
1946	1,643	1,602	1,519	602	1,602	1,602	1,602	1,577	1,636	2,082	2,004	2,205
1947	1,060	1,659	1,431	300	1,431	1,659	1,659	1,659	1,659	1,659	1,659	1,659
1948	1,796	1,645	1,292	883	1,645	1,209	1,677	1,706	1,663	1,537	1,392	1,495
1949	1,150	898	769	625	898	1,053	3,912	3,819	3,710	3,041	3,535	3,403
1950	2,863	2,541	2,069	1,482	2,069	1,346	1,695	1,405	1,264	1,166	989	904
1951	2,693	2,327	1,937	1,426	1,937	1,346	1,695	1,405	1,264	1,166	989	904
1952	1,596	1,175	946	646	1,175	1,512	1,428	1,016	1,173	1,395	1,737	1,398
1953	1,432	1,141	881	662	1,141	1,512	1,428	1,016	1,173	1,395	1,737	1,398
1954	1,432	1,141	881	662	1,141	1,512	1,428	1,016	1,173	1,395	1,737	1,398
1955	880	880	879	746	1,372	2,820	2,820	2,820	2,660	2,449	2,304	2,154
1956	1,955	1,432	1,081	662	1,432	1,813	1,811	1,582	1,315	1,430	1,405	1,007
1957	1,955	1,432	1,081	662	1,432	1,813	1,811	1,582	1,315	1,430	1,405	1,007
1958	1,214	1,002	812	630	1,002	1,391	1,391	1,366	1,237	1,366	1,237	1,116
1959	1,078	815	623	401	1,078	1,391	1,391	1,366	1,237	1,366	1,237	1,116
1960	1,214	1,002	812	630	1,002	1,391	1,391	1,366	1,237	1,366	1,237	1,116
1961	1,078	815	623	401	1,078	1,391	1,391	1,366	1,237	1,366	1,237	1,116
1962	1,214	1,002	812	630	1,002	1,391	1,391	1,366	1,237	1,366	1,237	1,116
1963	1,078	815	623	401	1,078	1,391	1,391	1,366	1,237	1,366	1,237	1,116
1964	1,078	815	623	401	1,078	1,391	1,391	1,366	1,237	1,366	1,237	1,116
1965	1,078	815	623	401	1,078	1,391	1,391	1,366	1,237	1,366	1,237	1,116
1966	1,078	815	623	401	1,078	1,391	1,391	1,366	1,237	1,366	1,237	1,116
1967	2,341	2,102	1,995	2,042	2,388	3,053	3,583	3,053	2,166	2,097	2,710	2,359
1968	2,341	2,102	1,995	2,042	2,388	3,053	3,583	3,053	2,166	2,097	2,710	2,359
1969	2,341	2,102	1,995	2,042	2,388	3,053	3,583	3,053	2,166	2,097	2,710	2,359
1970	2,341	2,102	1,995	2,042	2,388	3,053	3,583	3,053	2,166	2,097	2,710	2,359
1971	2,341	2,102	1,995	2,042	2,388	3,053	3,583	3,053	2,166	2,097	2,710	2,359
1972	2,341	2,102	1,995	2,042	2,388	3,053	3,583	3,053	2,166	2,097	2,710	2,359
1973	2,341	2,102	1,995	2,042	2,388	3,053	3,583	3,053	2,166	2,097	2,710	2,359
1974	2,341	2,102	1,995	2,042	2,388	3,053	3,583	3,053	2,166	2,097	2,710	2,359
1975	2,341	2,102	1,995	2,042	2,388	3,053	3,583	3,053	2,166	2,097	2,710	2,359
1976	2,341	2,102	1,995	2,042	2,388	3,053	3,583	3,053	2,166	2,097	2,710	2,359
1977	2,341	2,102	1,995	2,042	2,388	3,053	3,583	3,053	2,166	2,097	2,710	2,359
1978	2,341	2,102	1,995	2,042	2,388	3,053	3,583	3,053	2,166	2,097	2,710	2,359
1979	2,341	2,102	1,995	2,042	2,388	3,053	3,583	3,053	2,166	2,097	2,710	2,359
1980	2,341	2,102	1,995	2,042	2,388	3,053	3,583	3,053	2,166	2,097	2,710	2,359
1981	2,341	2,102	1,995	2,042	2,388	3,053	3,583	3,053	2,166	2,097	2,710	2,359
1982	2,341	2,102	1,995	2,042	2,388	3,053	3,583	3,053	2,166	2,097	2,710	2,359
1983	2,341	2,102	1,995	2,042	2,388	3,053	3,583	3,053	2,166	2,097	2,710	2,359
1984	2,341	2,102	1,995	2,042	2,388	3,053	3,583	3,053	2,166	2,097	2,710	2,359
1985	2,341	2,102	1,995	2,042	2,388	3,053	3,583	3,053	2,166	2,097	2,710	2,359
1986	2,341	2,102	1,995	2,042	2,388	3,053	3,583	3,053	2,166	2,097	2,710	2,359
1987	2,341	2,102	1,995	2,042	2,388	3,053	3,583	3,053	2,166	2,097	2,710	2,359
1988	2,341	2,102	1,995	2,042	2,388	3,053	3,583	3,053	2,166	2,097	2,710	2,359
1989	2,341	2,102	1,995	2,042	2,388	3,053	3,583	3,053	2,166	2,097	2,710	2,359
1990	2,341	2,102	1,995	2,042	2,388	3,053	3,583	3,053	2,166	2,097	2,710	2,359
1991	2,341	2,102	1,995	2,042	2,388	3,053	3,583	3,053	2,166	2,097	2,710	2,359
1992	2,341	2,102	1,995	2,042	2,388	3,053	3,583	3,053	2,166	2,097	2,710	2,359
1993	2,341	2,102	1,995	2,042	2,388	3,053	3,583	3,053	2,166	2,097	2,710	2,359
1994	2,341	2,102	1,995	2,042	2,388	3,053	3,583	3,053	2,166	2,097	2,710	2,359
1995	2,341	2,102	1,995	2,042	2,388	3,053	3,583	3,053	2,166	2,097	2,710	2,359
1996	2,341	2,102	1,995	2,042	2,388	3,053	3,583	3,053	2,166	2,097	2,710	2,359
1997	2,341	2,102	1,995	2,042	2,388	3,053	3,583	3,053	2,166	2,097	2,710	2,359
1998	2,341	2,102	1,995	2,042	2,388	3,053	3,583	3,053	2,166	2,097	2,710	2,359
1999	2,341	2,102	1,995	2,042	2,388	3,053	3,583	3,053	2,166	2,097	2,710	2,359
2000	2,341	2,102	1,995	2,042	2,388	3,053	3,583	3,053	2,166	2,097	2,710	2,359
2001	2,341	2,102	1,995	2,042	2,388	3,053	3,583	3,053	2,166	2,097	2,710	2,359
2002	2,341	2,102	1,995	2,042	2,388	3,053	3,583	3,053	2,166	2,097	2,710	2,359
2003	2,341	2,102	1,995	2,042	2,388	3,053	3,583	3,053	2,166	2,097	2,710	2,359
2004	2,341	2,102	1,995	2,042	2,388	3,053	3,583	3,053	2,166	2,097	2,710	2,359
2005	2,341	2,102	1,995	2,042	2,388	3,053	3,583	3,053	2,166	2,097	2,710	2,359
2006	2,341	2,102	1,995	2,042	2,388	3,053	3,583	3,053	2,166	2,097	2,710	2,359
2007	2,341	2,102	1,995	2,042	2,388	3,053	3,583	3,053	2,166	2,097	2,710	2,359
2008	2,341	2,102	1,995	2,042	2,388	3,053	3,583	3,053	2,166	2,097	2,710	2,359
2009	2,341	2,102	1,995	2,042	2,388	3,053	3,583	3,053	2,166	2,097	2,710	2,359
2010	2,341	2,102	1,995	2,042	2,388	3,053	3,583	3,053	2,166	2,097	2,710	2,359
2011	2,341	2,102	1,995	2,042	2,388	3,053	3,583	3,05				

# 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.

**History**--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 453 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 1967 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

# STATISTICAL SURVEY PROCEDURE

## 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	■																						
MIDDLE ATLANTIC	■																						
CHESAPEAKE	■																						
SOUTH ATLANTIC	■																						
GULF	■																						
ALASKA																							
WASH., ORE., CALIF.	■																						
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						■																	
CHESAPEAKE						■																	
SOUTH ATLANTIC						■																	
GULF						■																	
ALASKA						■																	
WASH., ORE., CALIF.						■																	
GREAT LAKES						■																	
MISSISSIPPI RIVER						■																	

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	■																						
CHESAPEAKE	■																						
SOUTH ATLANTIC	■																						
GULF	■																						
ALASKA	■																						
WASH., ORE., CALIF.	■																						
GREAT LAKES	■																						
MISSISSIPPI RIVER	■																						
HAWAII																							

AREA:	1949	'50	'51	'52	'53	'54	'55	'56	'57	'58	'59	'60	'61	'62	'63	'64	'65	'66	'67				
NEW ENGLAND	■																						
MIDDLE ATLANTIC	■																						
CHESAPEAKE	■																						
SOUTH ATLANTIC	■																						
GULF	■																						
ALASKA	■																						
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 Terminal Island, Cal. 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 and 1966.

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

# STATISTICAL SURVEY PROCEDURE

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-- For the years 1942-66, 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, salmon, tuna, oysters, clams, crabs, and shrimp. Data on operating units in the following fisheries have likewise been consolidated in this section: halibut, salmon purse seine and troll line, Atlantic and Pacific Coast tuna, menhaden purse seine, fish and shrimp otter trawl. Tabulations for 1967 will be shown in the 1968 Digest.

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 YIELD OF OYSTERS

STATE	CAPACITY OF STATE BUSHEL		VARIATION FROM U.S. STANDARD BUSHEL		YIELD OF MARKET OYSTERS, 1967	
	CUBIC INCHES	CUBIC INCHES	PERCENT	STATE BUSHEL	U.S. STANDARD BUSHEL	
				POUNDS OF MEATS	POUNDS OF MEATS	
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	6.62	6.50	
DELAWARE . . . . .	2,257.3	+ 106.9	+ 5.0	7.31	6.96	
MARYLAND . . . . .	2,800.7	+ 650.3	+ 30.2	6.39	4.91	
VIRGINIA . . . . .	3,003.9	+ 853.5	+ 39.7	6.47	4.63	
NORTH CAROLINA . . . . .	2,801.9	+ 651.5	+ 30.3	6.88	5.28	
SOUTH CAROLINA . . . . .	4,071.5	+ 1,921.1	+ 89.3	4.37	2.31	
GEORGIA . . . . .	5,343.9	+ 3,193.5	+ 148.5	7.58	3.05	
FLORIDA, EAST COAST . . . . .	3,214.1	+ 1,063.7	+ 49.5	5.98	4.00	
FLORIDA, WEST COAST . . . . .	3,214.1	+ 1,063.7	+ 49.5	5.65	3.78	
ALABAMA . . . . .	2,826.2	+ 675.8	+ 31.4	5.52	4.20	
MISSISSIPPI . . . . .	2,826.2	+ 675.8	+ 31.4	5.37	4.09	
LOUISIANA . . . . .	2,148.4	- 2.0	- 0.1	4.58	4.58	
TEXAS . . . . .	2,700.0	+ 549.6	+ 25.6	5.58	4.44	

## AVERAGE YIELD OF CERTAIN MOLLUSKS, 1967

STATE	CLAMS						
	HARD		OCEAN QUAHOG	RANGIA	RAZOR	SOFT	SUNRAY VENUS
	PUBLIC	PRIVATE					
MAINE . . . . .	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
MASSACHUSETTS . . . . .	11.00	11.00	-	-	-	15.00	-
RHODE ISLAND . . . . .	12.00	-	10.00	-	16.00	13.00	-
CONNECTICUT . . . . .	12.00	12.00	-	-	-	13.00	-
NEW YORK . . . . .	12.00	12.00	-	-	16.00	16.00	-
NEW JERSEY . . . . .	10.00	10.00	-	-	-	12.00	-
DELAWARE . . . . .	8.00	8.00	-	-	-	-	-
MARYLAND . . . . .	8.00	8.00	-	-	-	12.00	-
VIRGINIA . . . . .	8.00	8.00	-	-	-	12.00	-
NORTH CAROLINA . . . . .	8.75	-	-	8.10	-	-	-
SOUTH CAROLINA . . . . .	8.75	-	-	-	-	-	-
FLORIDA, EAST COAST . . . . .	8.00	-	-	-	-	-	-
FLORIDA, WEST COAST . . . . .	-	-	-	-	-	-	10.20

STATE	CLAMS - CONTINUED		MUSSELS, SEA	PERI - WINKLES AND COCKLES	SCALLOPS		
	SURF	CONCHS			BAY	CALICO	SEA
	NUMBER	NUMBER	NUMBER	NUMBER			
MAINE . . . . .	-	-	15.00	18.00	-	-	6.00
MASSACHUSETTS . . . . .	11.00	15.00	10.00	-	6.00	-	6.00
RHODE ISLAND . . . . .	-	15.00	-	-	-	-	6.00
CONNECTICUT . . . . .	-	15.00	-	-	-	-	-
NEW YORK . . . . .	17.00	15.00	10.00	-	6.00	-	6.00
NEW JERSEY . . . . .	17.00	20.00	-	-	6.50	-	6.00
MARYLAND . . . . .	17.00	20.00	-	-	-	-	-
VIRGINIA . . . . .	-	20.00	-	-	-	-	6.00
NORTH CAROLINA . . . . .	-	-	-	-	4.00	3.94	-
SOUTH CAROLINA . . . . .	-	-	-	-	-	2.70	-
FLORIDA, EAST COAST . . . . .	-	-	-	-	-	-	-
FLORIDA, WEST COAST . . . . .	-	14.03	-	-	4.30	-	-

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## AVERAGE NUMBER OF CRABS PER POUND, 1967

STATE	BLUE		GREEN	ROCK	STONE
	HARD	SOFT AND PEELER			
	NUMBER	NUMBER			
MAINE . . . . .	-	-	-	3,00	-
NEW HAMPSHIRE . . . . .	-	-	14,29	3,00	-
MASSACHUSETTS . . . . .	-	-	14,29	3,00	-
RHODE ISLAND . . . . .	-	-	13,79	3,00	-
NEW JERSEY . . . . .	2,40	3,43	-	3,00	-
DELAWARE . . . . .	2,40	4,00	-	-	-
MARYLAND . . . . .	2,40	4,00	-	-	-
VIRGINIA . . . . .	2,99	5,33	-	-	-
NORTH CAROLINA . . . . .	3,00	4,00	-	-	-
SOUTH CAROLINA . . . . .	4,00	-	-	-	-
GEORGIA . . . . .	3,50	-	-	-	-
FLORIDA, EAST COAST . . . . .	2,00	4,00	-	-	1,00
FLORIDA, WEST COAST . . . . .	2,06	4,00	-	-	1,00
ALABAMA . . . . .	2,00	-	-	-	-
MISSISSIPPI . . . . .	2,18	3,00	-	-	-
LOUISIANA . . . . .	2,00	3,00	-	-	-
TEXAS . . . . .	1,72	-	-	-	-



## 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	-	-
ORIED 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.

# STATISTICAL SURVEY PROCEDURE

## RECOVERY OF PROCESSED SHRIMP PRODUCTS AND FACTORS FOR CONVERTING THEM TO WEIGHT OF RAW BASIC PRODUCT, SOUTH ATLANTIC AND GULF STATES

BASIC PRODUCT, RAW	PROCESSED PRODUCT			
	HEADLESS RAW	PEELED FANTAIL RAW	PEELED RAW	PEELED COOKED
HEADS-ON (ROUND) . . . . .	62.9%	50.0%	49.0%	31.9%
FACTOR . . . . .	1.59	2.00	2.04	3.13
HEADLESS . . . . .	100.0%	79.6%	77.9%	50.7%
FACTOR . . . . .	1.00	1.26	1.28	1.97
PEELED . . . . .	-	-	100.0%	65.1%
FACTOR . . . . .	-	-	1.00	1.54

BASIC PRODUCT, RAW	PROCESSED PRODUCT - CONTINUED		
	BREADED RAW	CANNED	DRIED
HEADS-ON (ROUND) . . . . .	100.0%	31.2%	13.0%
FACTOR . . . . .	1.00	3.21	7.69
HEADLESS . . . . .	159.0%	49.6%	20.7%
FACTOR . . . . .	0.63	2.02	4.83
PEELED . . . . .	204.1%	63.7%	26.5%
FACTOR . . . . .	0.49	1.57	3.77

SEE NOTE BELOW FOLLOWING TABLE.

## RECOVERY OF PROCESSED SHRIMP PRODUCTS AND FACTORS FOR CONVERTING THEM TO WEIGHT OF RAW PRODUCT, PACIFIC AND NORTH ATLANTIC STATES

BASIC PRODUCT, RAW	PROCESSED PRODUCT		
	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 PRODUCT MULTIPLIED BY THE FACTOR LISTED YIELDS THE WEIGHT OF BASIC PRODUCT REQUIRED TO PRODUCE THE PROCESSED PRODUCT.

## OTHER CONVERSION FACTORS

ITEM	WHEN REPORTED AS	TO CONVERT TO:	MULTIPLY BY
OYSTERS . . . . .	GALLONS OF SHUCKED MEATS	POUNDS OF SHUCKED MEATS	8.75
CLAMS . . . . .	"	"	8.75
SCALLOPS . . . . .	"	"	8.75
OILS, FISH AND WHALE . . . . .	GALLONS	POUNDS	7.75
CRAB MEAT:			
SLUE . . . . .	POUNDS	LIVE WEIGHT	7.14
DUNGNESS . . . . .	"	"	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	
<b>FISH</b>			
Alewives .....	{ Branch herring, big-eyed herring, river herring .....	<i>Alosa pseudoharengus</i>	
Amberjack .....		Blueback, glut herring, shad herring .....	<i>Alosa aestivalis</i>
Anchovies .....	Jack .....	<i>Seriola</i> species	
Angelfish .....	.....	<i>Engroulis mordax</i> (Pacific)	
Anglerfish .....	{ Goosefish, allmouth, headfish, monkfish, bellyfish .....	<i>Pomocanthus</i> species	
Ballyhoo .....		Balao .....	<i>Angelicthys</i> species
Barracuda .....	.....	<i>Lophius americanus</i>	
Bluefish .....	Tailor, skipjack .....	<i>Hemiramphus brasiliensis</i>	
Blue pike .....	{ Pike perch, hard pike, blue pickerel (Canada) .....	<i>Sphyraena</i> species	
Blue runner .....		Runner, hardtail, crevalle .....	<i>Pomatomus saltatrix</i>
Bonito .....	.....	<i>Stizostedion vitreum glaucum</i>	
Bowfin .....	Fresh-water dogfish, grindle .....	<i>Caranx crysos</i>	
Brown trout .....	.....	{ <i>Sarda sarda</i> (Atlantic) <i>Sarda chiliensis</i> (Pacific)	
Buffalofish .....	Winter carp .....		<i>Amia calva</i>
Burbot .....	Lawyer, ling .....	<i>Salmo trutta</i>	
Butterfish .....	.....	<i>Ictiobus</i> species	
Cabezone .....	Marbled sculpin .....	<i>Lota lota</i>	
Cabio .....	Black bonito, cobia, ling, lemonfish .....	<i>Paronotus triacanthus</i>	
Cabrilla .....	Rock bass .....	<i>Scorpaenichthys marmoratus</i>	
Carp .....	German carp, summer carp .....	<i>Rachycentron canadus</i>	
Catfish and bullheads ..	.....	<i>Epinephelus analogus</i> (Pacific)	
Chubs .....	{ Longjaw, bluefin, blackfin (United States), tullibee (Canada) .....	<i>Cyprinus carpio</i>	
Cigarfish .....		Scad .....	{ <i>Ictalurus</i> species <i>Pylodictis olivaris</i>
Cisco .....		Herring (Canada) .....		All Leucichthys except artedi (Great Lakes)
Cod .....	Codfish .....	<i>Decapterus punctatus</i>	
Crappie .....	White crappie, calico bass .....	<i>Leucichthys artedi</i> (Lake Erie only)	
Crevalle .....	Black crappie .....	<i>Gadus morhua</i> (Atlantic)	
Croaker .....	Common jack, jackfish .....	<i>Gadus macrocephalus</i> (Pacific)	
Cunner .....	Crocus, hardhead .....	<i>Pomoxis annularis</i>	
Cutlaasfish .....	Chogset, blue perch, bergall .....	<i>Pomoxis nigromaculatus</i>	
Cusk .....	Silver eel .....	<i>Caranx hippos</i>	
Dolly Varden trout .....	.....	<i>Micropogon undulatus</i>	
Dolphin .....	Salmon trout, bull trout .....	<i>Tautoglabrus adspersus</i>	
Drum:	.....	<i>Trichiurus lepturus</i>	
Black .....	Oyster cracker, oyster drum, sea drum .....	<i>Brosme brosme</i>	
Red .....	Channel bass, redfish, spotted bass .....	<i>Salvelinus malma</i>	
		<i>Corphaena hippurus</i>	
		<i>Pogonias cromis</i>	
		<i>Sciaenops ocellata</i>	

(Continued on next page)

## GLOSSARY

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 .....	(weighing over 3-1/2 pounds each) .....	.....
Yellowtail .....	} Winter flounder (weighing under 3-1/2 pounds each) .....	<i>Pseudopleuronectes americanus</i>
Dab .....	Dab .....	<i>Limanda ferruginea</i>
Dab .....	Sea dab .....	<i>Hippoglossoides platessoides</i>
Fluke .....	Summer flounder, gulf flounder, flounder..	<i>Paralichthys</i> species
Pacific Coast:		
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</i> species
Garfish .....	Gar, sea gar .....	<i>Lepisosteus</i> species
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</i> species
Grunts .....	Margate fish, sailors' choice .....	} <i>Mycteropora</i> species
Haddock .....	.....	} <i>Haemulon</i> species
Hake:		
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)

Common names as shown in Bureau reports	Other common names	Scientific names
FISH - Continued		
Hickory shad .....	Tailor shad, skip, autumnal herring.....	<i>Alosa mediocaris</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 .....	<div style="display: flex; align-items: center;"> <div style="font-size: 2em; margin-right: 5px;">{</div> <div> <i>Scomberomorus cavalla</i>  <i>Scomberomorus regalis</i> </div> </div>
King whiting or "kingfish".	Whiting, sea mink, ground mullet.....	<i>Menticirrhus</i> species
Lake trout.....	.....	<i>Salvelinus namaycush</i>
Lamprey .....	.....	<div style="display: flex; align-items: center;"> <div style="font-size: 2em; margin-right: 5px;">{</div> <div> <i>Petromyzon marinus</i> (Atlantic)  <i>Lampetra tridentata</i> (Pacific) </div> </div>
Launce .....	Sand eel, lant, sand launce .....	<i>Ammodytes americanus</i>
Lingcod.....	Cultus cod, blue cod, buffalo cod, ling .....	<i>Ophiodon elongatus</i>
Boston mackerel.....	.....	<i>Scomber scombrus</i> (Atlantic)
Pacific mackerel.....	.....	<i>Scomber japonicus</i>
Menhaden .....	Mossbunker, pogy, fatback .....	<i>Brevoortia</i> species
Minnows .....	.....	Cyprinidae
Mojarra .....	Sand perch, sand bream .....	Gerridae
Mooneye .....	Goldeye, toothed herring.....	<i>Hiodon</i> species
Mullet .....	Jumping mullet, striped mullet, silver mullet	<i>Mugil</i> species
Muttonfish .....	Mutton snapper.....	<i>Lutjanus analis</i>
Ocean perch:	.....	.....
Atlantic .....	Rosefish, redfish, red perch.....	<i>Sebastes marinus</i>
Pacific .....	.....	<i>Sebastes alutus</i>
Ocean pout .....	Eelpout, sea pout .....	<i>Macrozoarces americanus</i>
Opaleye.....	.....	<i>Girella nigricans</i>
Paddlefish .....	Spoonbill cat.....	<i>Polyodon spathula</i>
Perch.....	Surffish.....	Embiotocidae (Pacific)
Permit .....	.....	<i>Trachinotus goodei</i>
Pigfish .....	Hogfish (N.C.) .....	<i>Orthopristis chrysopterus</i>
Pike or pickarel .....	Great Lakes pike .....	<i>Esox</i> species
Pinfish.....	Bream, salt-water bream .....	<i>Lagodon rhomboides</i>
Pollock .....	Boston bluefish.....	<i>Pollachius virens</i> (Atlantic)
Pompano .....	.....	<div style="display: flex; align-items: center;"> <div style="font-size: 2em; margin-right: 5px;">{</div> <div> <i>Trachinotus</i> species (Atlantic)  <i>Palometa similima</i> (Pacific) </div> </div>
Quillback .....	Spearfish or skimpfish.....	<i>Carpoides</i> species
Ratfish.....	.....	<i>Hydrolagus colliei</i>
Rock bass .....	Redeye, goggle-eye, groupers, sand bass ...	<div style="display: flex; align-items: center;"> <div style="font-size: 2em; margin-right: 5px;">{</div> <div> <i>Ambloplites rupestris</i> (fresh-water)  <i>Paralabrax nebulifer</i> (Pacific) </div> </div>
Rockfishes .....	Rock cod, snapper .....	<i>Sebastes</i> species (Pacific)
Sablefish.....	Black cod.....	<i>Anoplopoma fimbria</i>
Salmot:	.....	.....
Atlantic .....	.....	<i>Salmo salar</i> (Atlantic)
Pacific:	.....	.....
Chinook or king.....	Tyece, spring.....	<i>Oncorhynchus tshawytscha</i>
Chum or keta.....	Fall, dog .....	<i>Oncorhynchus keta</i>
Pink .....	Humpback .....	<i>Oncorhynchus gorbuscha</i>
Red or sockeye.....	Blueback .....	<i>Oncorhynchus nerka</i>
Silver or coho.....	.....	<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 chrysa</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).....	<i>Stereolepis gigas</i>
	Blackfish (Atlantic).....	<i>Centropristes striatus</i>
White .....	.....	<i>Cynoscion nobilis</i> (Pacific)
Sea catfish.....	Gafftopsail .....	<i>Bagre marinus</i>
Sea robin .....	.....	<i>Prionotus</i> species
Sea trout or weakfish:		
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>Sphyrna</i> , <i>Prionace</i> and <i>Lamna</i> species
Sheepshead:		
Fresh-water .....	Fresh-water drum, gaspergou, gou.....	<i>Aplodinotus grunniens</i>
Salt-water.....	California redfish, fathead .....	<i>Archosargus</i> species (Atlantic) <i>Pimelometopon pulcher</i> (Pacific)
Sierra .....	.....	<i>Scomberomorus sierra</i> (Pacific)
Silversides .....	Spearing .....	<i>Menidia</i> species
Skates .....	Ray, rajafish .....	<i>Raja</i> species
Smelt .....	.....	<i>Osmerus mordax</i> (Atlantic and Great Lakes), <i>Atherinidae</i> and <i>Osmeridae</i> (Pacific)
	Eulachon.....	<i>Thaleichthys pacificus</i>
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 fober</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)

Common names as shown in Bureau reports	Other common names	Scientific names
FISH - Continued		
Striped bass.....	Rockfish, rock.....	<i>Roccus saxatilis</i>
Sturgeon:		
Common.....	.....	<i>Acipenser</i> species
Shovelnose.....	.....	<i>Scophithynchus platyrhynchus</i>
Suckers.....	Fresh-water mullet, redbfin, bayfish.....	<i>Catostomus</i> species
Sunfish.....	Bream, perch, bluegill.....	<i>Lepomis</i> species
Swallowfish.....	Puffer, swell toad, globefish, blowfish.....	<i>Sphaeroides maculatus</i>
Swordfish.....	.....	<i>Xiphias gladius</i>
Tautog.....	Blackfish, oysterfish.....	<i>Tautoga onitis</i>
Tenpounder.....	Big-eyed herring, ladyfish.....	<i>Elops saurus</i>
Thimble-eyed mackerel.....	Chub mackerel, bullseye mackerel.....	<i>Pneumatophorus colias</i>
Tilefish.....	.....	<i>Lopholatilus chamaeleonticeps</i>
Tomcod.....	Frost fish.....	<i>Microgadus tomcod</i> (Atlantic)
		<i>Microgadus proximus</i> (Pacific)
Triggerfish.....	.....	<i>Balistes</i> species
Tripletail.....	Sunfish (N.C.), blackfish.....	<i>Labotes 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 alletteratus</i>
Skipjack.....	Striped tuna.....	<i>Katsuwonus pelamis</i>
Yellowfin.....	.....	<i>Thunnus albacares</i>
Turbot.....	.....	<i>Pleuronectidae</i> (Pacific)
Wahoo.....	.....	<i>Acanthocybium solandri</i>
Warsaw.....	Black Jewfish.....	<i>Garrupa nigrita</i>
Whitebait.....	Silversides.....	<i>Menidia beryllina</i> (Atlantic)
		Small fry of several species (Pacific)
White bass.....	White lake bass.....	<i>Roccus chrysopterus</i>
Whitefish:		
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.....	<i>Callinectes sapidus</i>
Soft and peeler.....	Soft-shell crab.....	
Dungeness.....	.....	<i>Cancer magister</i>
King.....	Alaska king crab.....	<i>Paralithodes camtschatica</i>

(Continued on next page)

## GLOSSARY

Common names as shown in Bureau reports	Other common names	Scientific names
<b>CRUSTACEANS - Continued</b>		
Crabs: - Continued		
Rock .....	.....	{ <i>Cancer irroratus</i> (New England) <i>Cancer</i> species (California) <i>Menippe mercenaria</i>
Stone .....	.....	
Crawfish:		
Fresh-water .....	Crayfish.....	{ <i>Cambarus</i> species (Atlantic) <i>Astacus</i> species (Pacific)
Salt-water .....	(See lobsters, spiny) .....	
Horseshoe crab .....	King crab.....	<i>Limulus</i> species
Lobsters:		
Northern .....	.....	<i>Homarus americanus</i> (Atlantic)
Spiny .....	Sea crawfish, rock lobster .....	{ <i>Panulirus argus</i> (Atlantic) <i>Panulirus interruptus</i> (Pacific)
Shrimp .....	Prawn.....		{ Penaeus, Pandalus, and Xiphopenaeus (Atlantic), Pandalus, Pandalopsis, and Crangon species (Pacific)
<b>MOLLUSKS</b>		
Abalone.....	.....	<i>Haliotis</i> species
Clams:		
Cockle.....	.....	{ <i>Cardium corbis</i> (Pacific) <i>Saxidomus nuttalli</i> (Pacific) <i>Protathaca staminea</i> (Pacific)
Hard .....	{ Butter .....	
Little neck .....			Round clam, cherrystone, quahog, little neck ...
Ocean quahog .....	.....	{ <i>Venus mercenaria</i> , <i>Mercenaria mercenaria</i> <i>Arctica islandica</i>
Razor .....	.....	
Soft .....	Soft-shell clam, sand clam, nannynose, maninose	{ <i>Ensis</i> species (Atlantic) <i>Siliqua patula</i> (Pacific)
Surf .....	Skimmer.....	
Conchs .....	.....	{ <i>Mya arenaria</i> <i>Spisula solidissima</i>
Mussels:	.....	
Sea.....	.....	{ <i>Strambus</i> species <i>Busycan</i> species
Fresh-water:	.....	
Mussel shells.....	.....	{ <i>Mytilus californianus</i> (Pacific) <i>Mytilus edulis</i> (Atlantic)
Pearls and slugs....	.....	
Octopus .....	Devilfish.....	Unionidae
Oysters:		
Eastern.....	Cove.....	<i>Paractopus appallyan</i>
Pacific .....	Japanese .....	<i>Crassostrea virginica</i>
Western.....	Olympia, native.....	<i>Crassostrea gigas</i>
Periwinkles or cockles .	.....	<i>Ostrea lurida</i>
Scallops:		
Bay .....	.....	<i>Littorina</i> species
Sea .....	.....	{ <i>Pecten</i> species (Atlantic) <i>Pecten caurinus</i> (Pacific) <i>Placapecten magellanicus</i>

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# GLOSSARY

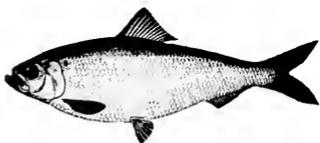
Common names as shown in Bureau reports	Other Common names	Scientific names
<b>MOLLUSKS - Continued</b>		
Squid.....	Inkfish, bone squid, taw tau.....	{ <i>Loligo opalescens</i> (Pacific) <i>Loligo pealii</i> (Atlantic)
<b>OTHER</b>		
Sea urchins.....	Sea eggs.....	<i>Strongylocentrotus drobachiensis</i>
Terrapin.....	Diamond-back terrapin.....	<i>Malaclemys</i> species
<b>Turtles:</b>		
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
<b>Sponges:</b>		
Glove.....	.....	<i>Hippiospongia conaliculata</i>
Grass.....	.....	<i>Spongia graminea</i>
Sheepswool.....	Wool.....	<i>Hippiospongia lachne</i>
Yellow.....	.....	<i>Spongia barbara</i>
<b>Whales:</b>		
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>
<b>Bloodworms.....</b>		
<b>Sandworms.....</b>		
<b>Glyceridae</b>		
<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



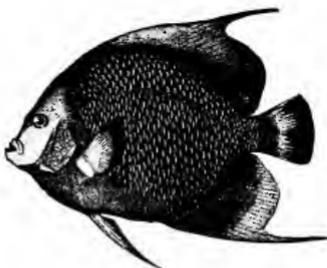
ANGLERFISH  
 RANGE - NEW JERSEY TO MASSACHUSETTS  
 GEAR - OTTER TRAWLS, POUND NETS



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

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**BLUEFISH**  
RANGE - GULF OF MEXICO TO NEW ENGLAND  
GEAR - HAUL SEINES, GILL NETS, POUND NETS,  
TROLL LINES, PURSE SEINES



**BURBOT**  
RANGE - GREAT LAKES  
GEAR - GILL NETS, FYKE NETS, POUND  
NETS, TRAP NETS



**BLUE RUNNER OR HARDTAIL**  
RANGE - GULF OF MEXICO  
GEAR - HAUL SEINES, GILL NETS, POTS



**BUTTERFISH**  
RANGE - FLORIDA TO NEW ENGLAND  
GEAR - POUND NETS, HAUL SEINES, OTTER TRAWLS



**BONITO (ATLANTIC)**  
RANGE - NORTH CAROLINA TO MASSACHUSETTS  
GEAR - POUND NETS, TROLL LINES, GILL NETS



**CABIO**  
RANGE - FLORIDA TO VIRGINIA  
GEAR - HANDLINES, POUND NETS



**BOWFIN**  
RANGE - FRESH-WATER  
GEAR - HAUL SEINES, TRAP NETS, FYKE NETS



**CARP**  
RANGE - FRESH-WATER  
GEAR - HAUL SEINES, GILL NETS, TRAP NETS,  
FYKE NETS, POUND NETS, TROT LINES



**BUFFALO FISH**  
RANGE - FRESH-WATER  
GEAR - HAUL SEINES, FYKE NETS, TRAMMEL  
NETS, TROT LINES



**CAT FISH**  
RANGE - FRESH-WATER  
GEAR - HAUL SEINES, TROT LINES, POUND  
NETS, POTS, FYKE NETS

# PICTORIAL SECTION



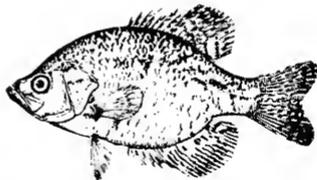
CHUB  
RANGE - GREAT LAKES  
GEAR - GILL NETS



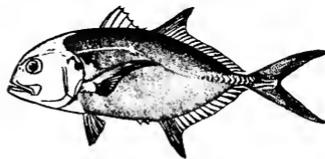
CIGARFISH  
RANGE - FLORIDA  
GEAR - HAUL SEINES



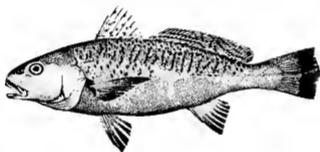
COD  
RANGE - VIRGINIA TO MAINE, WASHINGTON,  
AND ALASKA  
GEAR - OTTER TRAWLS, LONGLINES, GILL NETS



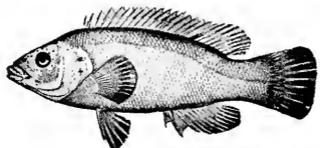
CRAPPIE  
RANGE - FRESH-WATER LAKES  
GEAR - HAUL SEINES, LINES, POTS



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



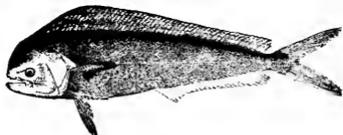
CUNNER  
RANGE - NEW ENGLAND  
GEAR - OTTER TRAWLS, HANDLINES



CUSK  
RANGE - NEW ENGLAND  
GEAR - OTTER TRAWLS, LONGLINES



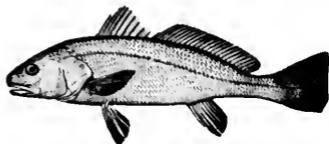
DOLLY VARDEN TROUT  
RANGE - PACIFIC  
GEAR - POUND NETS, GILL NETS, LINES



DOLPHIN  
RANGE - FLORIDA TO NORTH CAROLINA  
GEAR - TROLL LINES



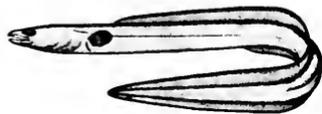
DRUM, BLACK  
 RANGE - TEXAS TO NORTH CAROLINA  
 GEAR - HAUL SEINES, POUND NETS, LINES



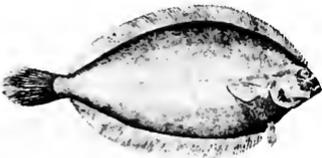
DRUM, RED  
 RANGE - TEXAS - MARYLAND  
 GEAR - POUND NETS, HAUL SEINES, GILL NETS,  
 LINES



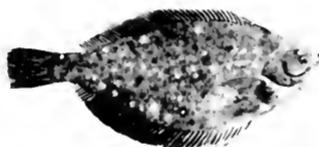
EEL, COMMON  
 RANGE - FLORIDA TO NEW ENGLAND AND IN  
 MISSISSIPPI RIVER, LAKE ONTARIO  
 GEAR - POTS, SPEARS, POUND NETS



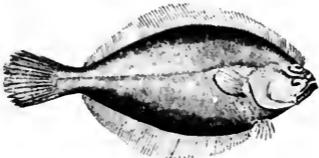
EEL, CONGER  
 RANGE - FLORIDA TO NEW ENGLAND  
 GEAR - OTTER TRAWLS



GRAY SOLE  
 RANGE - MASSACHUSETTS TO MAINE  
 GEAR - OTTER TRAWLS



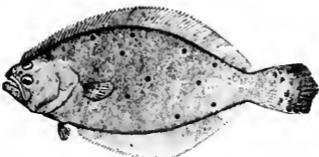
LEMON SOLE  
 RANGE - NEW YORK TO MAINE  
 GEAR - OTTER TRAWLS



DAB  
 RANGE - MASSACHUSETTS TO NOVA SCOTIA  
 GEAR - OTTER TRAWLS, LONGLINES



BLACKBACK OR WINTER FLOUNDER  
 RANGE - NORTH CAROLINA TO MAINE  
 GEAR - OTTER TRAWLS, POUND NETS, FYKE NETS,  
 SPEARS, LINES



FLUKE  
 RANGE - TEXAS TO MASSACHUSETTS  
 GEAR - OTTER TRAWL, SPEARS, LINES



FLYING FISH  
 RANGE - PACIFIC AND ATLANTIC OCEANS  
 GEAR - GILL NETS

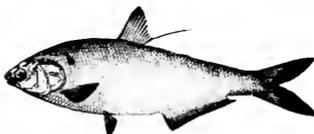
# PICTORIAL SECTION



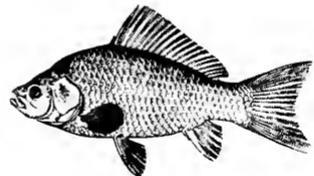
FRIGATE MACKEREL  
RANGE - MIDDLE ATLANTIC  
GEAR - POUND NETS



GARFISH  
RANGE - FRESH-WATER  
GEAR - HAUL SEINES, LINES



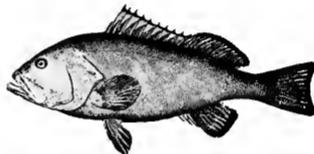
GIZZARD SHAD  
RANGE - NORTH CAROLINA TO MARYLAND,  
GREAT LAKES  
GEAR - HAUL SEINES, POUND NETS, GILL NETS



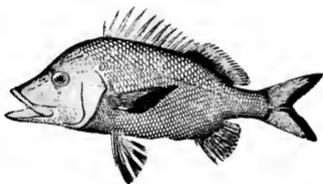
GOLDFISH  
RANGE - LAKES AND RIVERS  
GEAR - HAUL SEINES, TRAP NETS, FYKE NETS



GRAYFISH  
RANGE - PACIFIC  
GEAR - LONGLINES, OTTER TRAWLS, GILL NETS



GROUPE  
RANGE - TEXAS TO SOUTH CAROLINA  
GEAR - HANDLINES, POTS



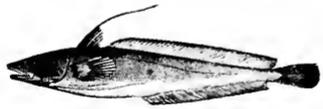
GRUNT  
RANGE - FLORIDA  
GEAR - POTS, GILL NETS, LINES



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



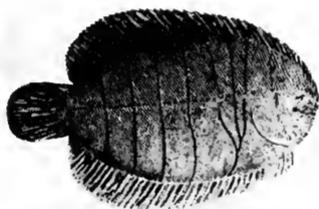
HALIBUT  
RANGE - PACIFIC COAST - NEW ENGLAND  
GEAR - LONGLINES, OTTER TRAWLS

# PICTORIAL SECTION

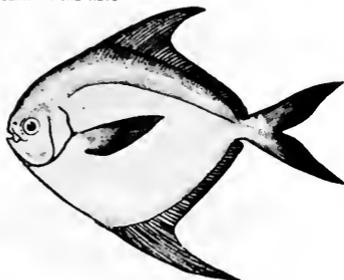
475



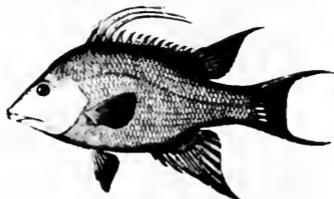
HARDHEAD  
RANGE - CALIFORNIA  
GEAR - FYKE NETS



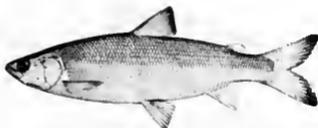
HOGCHOKER  
RANGE - CHESAPEAKE BAY  
GEAR - POUND NETS, HAUL SEINES



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



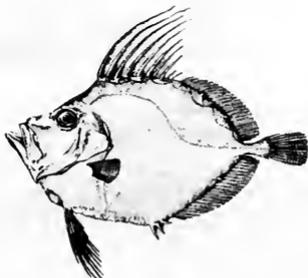
JEWFISH  
RANGE - FLORIDA  
GEAR - HANDLINES



HERRING, SEA  
RANGE - NEW JERSEY TO NEW ENGLAND, PACIFIC  
COAST STATES AND ALASKA  
GEAR - PURSE SEINES, WEIRS, FLOATING TRAPS,  
STOP SEINES



HICKORY SHAD  
RANGE - FLORIDA TO RHODE ISLAND  
GEAR - POUND NETS, HAUL SEINES, GILL NETS  
FLOATING TRAPS

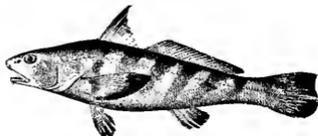


JOHN DORY  
RANGE - MIDDLE ATLANTIC STATES  
GEAR - OTTER TRAWLS

# PICTORIAL SECTION



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



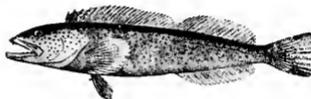
LAKE TROUT  
 RANGE - GREAT LAKES  
 GEAR - GILL NETS, LINES, POUND NETS (TRAP NETS)



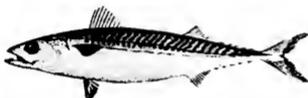
LAMPREY  
 RANGE - FRESH-WATER  
 GEAR - POTS, FYKE NETS



LAINCE  
 RANGE - NEW ENGLAND  
 GEAR - HAUL SEINES



LINGCOD  
 RANGE - CALIFORNIA TO ALASKA  
 GEAR - OTTER TRAWLS, LONG LINES, HANDLINES



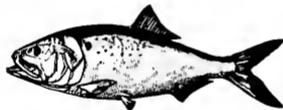
MACKEREL, ATLANTIC  
 RANGE - CHESAPEAKE BAY TO MAINE  
 GEAR - PURSE SEINES, GILL NETS, POUND NETS,  
 FLOATING TRAPS



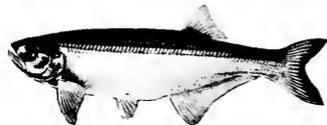
MACKEREL, JACK  
 RANGE - CALIFORNIA  
 GEAR - LINES, SEINES, LAMPARA NETS



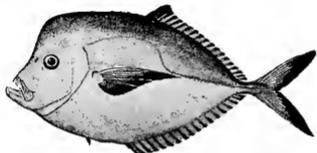
MACKEREL, PACIFIC  
 RANGE - CALIFORNIA  
 GEAR - LINES, SEINES, LAMPARA NETS



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

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MULLET  
RANGE - TEXAS TO NEW JERSEY  
GEAR - GILL NETS, HAUL SEINES, POUND NETS,  
CAST NETS



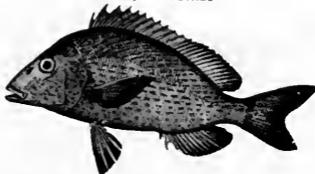
OCEAN POUT  
RANGE - NEW ENGLAND  
GEAR - OTTER TRAWLS



OCEAN PERCH  
RANGE - NEW ENGLAND  
GEAR - OTTER TRAWLS



PADDFISH  
RANGE - GULF OF MEXICO, MISSISSIPPI RIVER  
GEAR - HAUL SEINES, TROT LINES



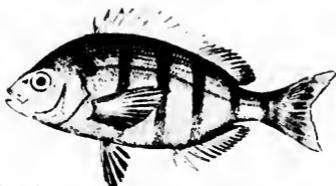
PIGFISH  
RANGE - FLDRIDA  
GEAR - POTS, HANDLINES, GILL NETS



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 - LDNGLINES, FLOATING TRAPS, POUND NETS,  
OTTER TRAWLS, GILL NETS



POMPANO  
RANGE - TEXAS TO NORTH CAROLINA  
GEAR - TRAMMEL NETS, HAUL SEINES, GILL NETS,  
HANDLINES

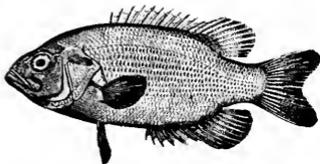


QUILLBACK  
RANGE - FRESH-WATER  
GEAR - HAUL SEINES, TROT LINES, FYKE NETS

# PICTORIAL SECTION



RATFISH  
 RANGE - WASHINGTON TO ALASKA  
 GEAR - BEAM TRAWLS, LONG LINES



ROCK BASS  
 RANGE - GREAT LAKES  
 GEAR - TRAP NETS, FYKE NETS, HAUL SEINES,  
 GILL NETS



ROCKFISH  
 RANGE - CALIFORNIA TO ALASKA  
 GEAR - LINES, OTTER TRAWLS, PARANZELLA NETS,  
 GILL NETS



RUDDERFISH  
 RANGE - CALIFORNIA  
 GEAR - LAMPARA AND RING NETS



SABLEFISH  
 RANGE - PACIFIC COAST STATES AND ALASKA  
 GEAR - LONG LINES, OTTER TRAWLS



SALMON, CHINOOK OR KING  
 RANGE - CALIFORNIA TO ALASKA  
 GEAR - POUND NETS, PURSE SEINES, GILL NETS,  
 HAUL SEINES, TROLL LINES, REEF NETS



SALMON, CHUM OR KETA  
 RANGE - OREGON TO ALASKA  
 GEAR - POUND NETS, PURSE SEINES, GILL NETS,  
 HAUL SEINES, REEF NETS



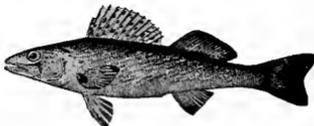
SALMON, PINK  
 RANGE - WASHINGTON TO ALASKA  
 GEAR - PURSE SEINES, POUND NETS, GILL NETS,  
 REEF NETS



SALMON, RED OR SOCKEYE  
 RANGE - OREGON TO ALASKA  
 GEAR - GILL NETS, PURSE SEINES, POUND NETS,  
 REEF NETS



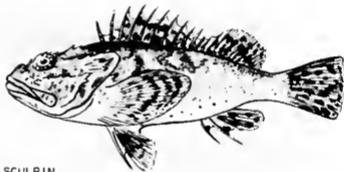
SALMON, SILVER OR COHO  
 RANGE - CALIFORNIA TO ALASKA  
 GEAR - HAUL SEINES, PURSE SEINES, GILL NETS,  
 TROLL LINES, POUND NETS, REEF NETS



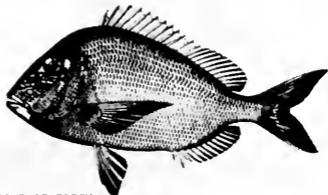
SAUGER  
 RANGE - GREAT LAKES  
 GEAR - GILL NETS, HAUL SEINES, TRAP NETS,  
 FYKE NETS

# PICTORIAL SECTION

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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



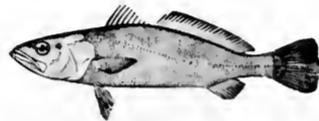
SEA ROBIN  
RANGE - CHESAPEAKE BAY TO NEW ENGLAND  
GEAR - POUND NETS, OTTER TRAWLS



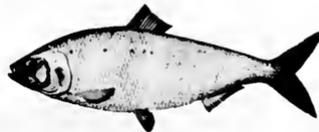
SEA TROUT OR WEAKFISH, GRAY  
RANGE - FLORIDA TO MASSACHUSETTS  
GEAR - OTTER TRAWLS, POUND NETS, PURSE SEINES,  
GILL NETS, HAUL SEINES



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

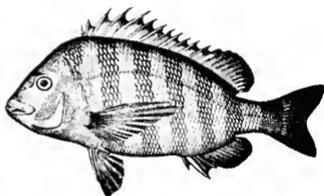


SHAD  
RANGE - FLORIDA TO NEW ENGLAND  
GEAR - GILL NETS, POUND NETS, FYKE NETS,  
HAUL SEINES



SHARK  
RANGE - ATLANTIC COAST, GULF, PACIFIC COAST STATES  
GEAR - LONGLINES, GILL NETS, OTTER TRAWLS

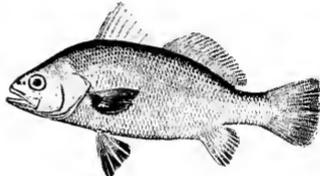
# PICTORIAL SECTION



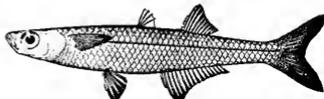
**SHEEPSHEAD**  
 RANGE - TEXAS TO CHESAPEAKE BAY  
 GEAR - HANDLINES, POTS



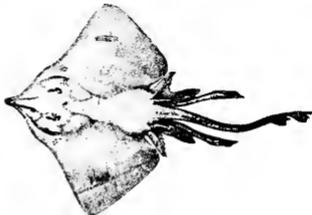
**SHEEPSHEAD, CALIFORNIA**  
 RANGE - CALIFORNIA  
 GEAR - LONGLINES, TRAMMEL NETS



**SAND PERCH**  
 RANGE - TEXAS TO NEW YORK  
 GEAR - HAUL SEINES, GILL NETS, POUND NETS



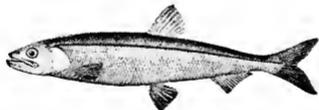
**SILVERSIDES**  
 RANGE - NEW YORK  
 GEAR - HAUL SEINES, OTTER TRAWLS



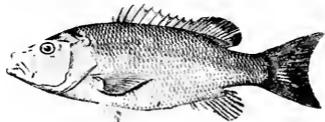
**SKATE**  
 RANGE - PACIFIC COAST, CHESAPEAKE BAY TO NEW ENGLAND  
 GEAR - LINES, OTTER TRAWLS, POUND NETS, HAUL SEINES



**SKIPPER**  
 RANGE - VIRGINIA TO NOVA SCOTIA  
 GEAR - POUND NETS, WEIRS



**SMELT**  
 RANGE - NEW YORK TO MAINE, PACIFIC OCEAN,  
 GREAT LAKES  
 GEAR - POUND NETS, OIP NETS, GILL NETS, HAUL SEINES



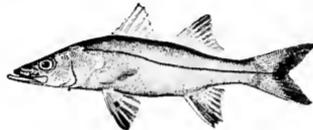
**SNAPPER, MANGROVE**  
 RANGE - FLORIDA  
 GEAR - HANDLINES, GILL NETS



**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



SPADE FISH  
 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



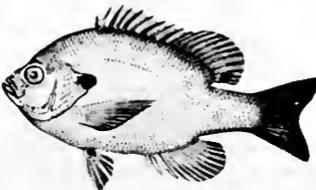
STURGEON  
 RANGE - COASTAL AND RIVER AREAS  
 GEAR - GILL NETS, LINES



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

# PICTORIAL SECTION



SWORDFISH  
 RANGE - NEW ENGLAND AND CALIFORNIA  
 GEAR - HARPOONS



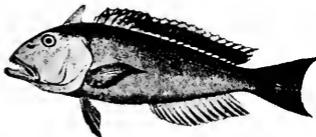
TAUTOG  
 RANGE - CHESAPEAKE BAY TO NEW ENGLAND  
 GEAR - POUND NETS, HANDLINES, POTS



TENPOUNDER  
 RANGE - FLORIDA  
 GEAR - HAUL SEINES



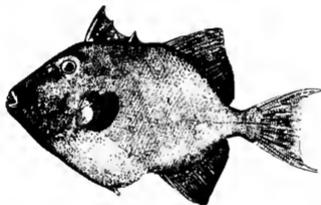
THIMBLE-EYED MACKEREL  
 RANGE - CHESAPEAKE BAY TO NEW ENGLAND  
 GEAR - POUND NETS, PURSE SEINES, OTTER TRAWLS



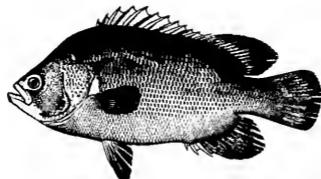
TILEFISH  
 RANGE - MIDDLE ATLANTIC AND NEW ENGLAND STATES  
 GEAR - LONGLINES, REEF NETS, OTTER TRAWLS



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



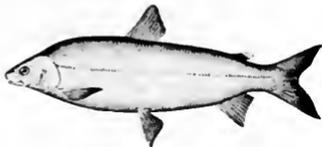
TUNA, SKIPJACK  
 RANGE - CALIFORNIA  
 GEAR - LINES AND PURSE SEINES



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, MENOMINEE  
 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

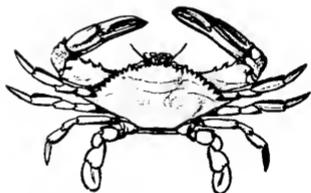


YELLOW PERCH  
 RANGE - GREAT LAKES, OTHER LAKES  
 GEAR - GILL NETS, TRAP NETS, POUND NETS,  
 FYKE NETS

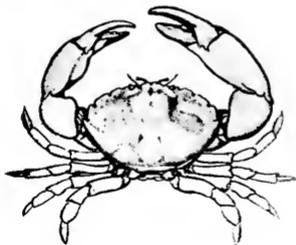


YELLOW PIKE  
 RANGE - GREAT LAKES  
 GEAR - POUND NETS, FYKE NETS, GILL NETS,  
 TRAP NETS

# PICTORIAL SECTION



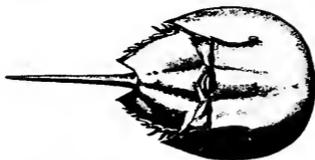
BLUE CRAB  
 RANGE - TEXAS TO RHODE ISLAND  
 GEAR - TROT LINES, PDTS, FYKE NETS, DIP NETS,  
 SCRAPES, OREDGES



STONE CRAB  
 RANGE - FLORIDA  
 GEAR - DIP NETS, CRAB POTS



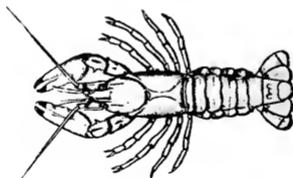
OUNGENESS CRAB  
 RANGE - PACIFIC COAST STATES AND ALASKA  
 GEAR - TRAPS



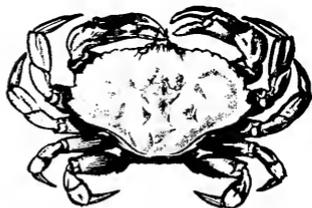
HORSESHOE CRAB  
 RANGE - MARYLAND TO NEW YORK  
 GEAR - POUND NETS, WEIRS, BY HAND



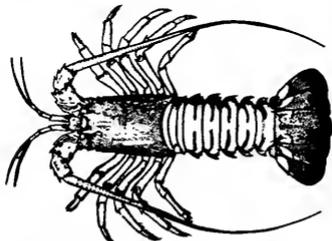
KING CRAB  
 RANGE - ALASKA  
 GEAR - PDTS



FRESH-WATER CRAWFISH  
 RANGE - RIVERS AND LAKES  
 GEAR - PDTS



ROCK CRAB  
 RANGE - NEW ENGLAND  
 GEAR - POTS



SPINY LOBSTER  
 RANGE - CALIFORNIA AND FLORIDA  
 GEAR - DIP NETS, POTS, HOOKS

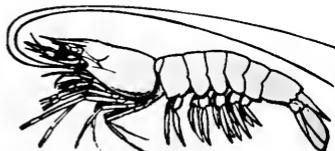
# PICTORIAL SECTION



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

# PICTORIAL SECTION



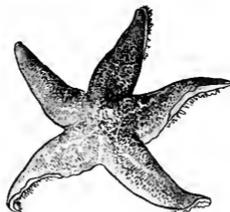
LIMPET  
 RANGE - NEW YORK AND NEW ENGLAND  
 GEAR - DREDGES



SEA SCALLOP  
 RANGE - NEW JERSEY TO MAINE  
 GEAR - DREDGES, OTTER TRAWLS



FRESH-WATER MUSSEL  
 RANGE - FRESH-WATER STREAMS  
 GEAR - CROWFOOT BARS, PICKS, HAND



STARFISH  
 RANGE - ATLANTIC AND PACIFIC COAST  
 GEAR - HOOKS, SCRAPES, "MOPS"



SEA MUSSEL  
 RANGE - NORTH CAROLINA TO MAINE  
 GEAR - DREDGES, TONGS, RAKES, HAND



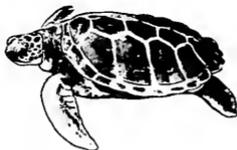
TERRAPIN  
 RANGE - TEXAS TO NEW JERSEY  
 GEAR - HAUL SEINES, BY HAND



OYSTER  
 RANGE - TEXAS TO MASSACHUSETTS, PACIFIC COAST  
 GEAR - TONGS, DREDGES, RAKES, 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



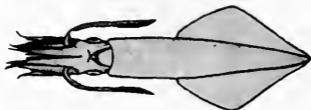
LOGGERHEAD TURTLE  
 RANGE - FLORIDA TO NEW JERSEY  
 GEAR - GILL NETS



FROG  
 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, FYKE NETS, POTS



SPONGE  
 RANGE - FLORIDA  
 GEAR - HOOKS, DIVING OUTFITS



IRISH MOSS  
 RANGE - NEW ENGLAND  
 GEAR - RAKES

# SECTION 16 - STATISTICAL PUBLICATIONS

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THE FOLLOWING LIST OF PUBLICATIONS INCLUDES ALL REPORTS ISSUED IN THE CURRENT FISHERY STATISTICS SERIES DURING 1967.

<u>C.F.S. NO.</u>	<u>TITLE</u>	<u>C.F.S. NO.</u>	<u>TITLE</u>
4281	NEW JERSEY LANDINGS, OCTOBER, 1966	4357	SHRIMP LANDINGS, NOVEMBER, 1966
4282	NORTH CAROLINA LANDINGS, OCTOBER, 1966	4358	GULF COAST SHRIMP DATA, NOVEMBER, 1966
4283	FLORIDA LANDINGS, OCTOBER, 1966	4359	FISH MEAL AND OIL, JANUARY, 1967
4284	MAINE LANDINGS, SEPTEMBER, 1966	4360	FROZEN FISHERY PRODUCTS, FEBRUARY, 1967
4285	FISH MEAL AND OIL, OCTOBER, 1966	4361	LOUISIANA LANDINGS, DECEMBER, 1966
4286	TEXAS LANDINGS, SEPTEMBER, 1966	4362	MASSACHUSETTS LANDINGS, OCTOBER, 1966
4287	WASHINGTON LANDINGS, ANNUAL, 1965	4363	FISH STICKS, FISH PORTIONS, AND BREADED SHRIMP, ANNUAL, 1966
4288	OREGON LANDINGS, ANNUAL, 1965	4364	ALASKA FISHERIES, ANNUAL, 1965
4289	GEOGRIA LANDINGS, OCTOBER, 1966	4365	RHODE ISLAND LANDINGS, NOVEMBER, 1966
4290	CALIFORNIA LANDINGS, SEPTEMBER, 1966	4366	MAINE LANDINGS, DECEMBER, 1966
4291	MASSACHUSETTS LANDINGS, JULY, 1966	4367	FLORIDA LANDINGS, JANUARY, 1967
4292	LOUISIANA LANDINGS, OCTOBER, 1966	4368	SOUTH CAROLINA LANDINGS, JANUARY, 1967
4293	MARYLAND LANDINGS, OCTOBER, 1966	4369	NEW JERSEY LANDINGS, ANNUAL, 1966
4294	VIRGINIA LANDINGS, OCTOBER, 1966	4370	NEW JERSEY LANDINGS, JANUARY, 1967
4295	NEW YORK LANDINGS, SEPTEMBER, 1966	4371	NEW YORK LANDINGS, DECEMBER, 1966
4296	SOUTH CAROLINA LANDINGS, OCTOBER, 1966	4372	MARYLAND LANDINGS, DECEMBER, 1966
4297	SHRIMP LANDINGS, JULY, 1966	4373	SHRIMP LANDINGS, DECEMBER, 1966
4298	GULF COAST SHRIMP DATA, JULY, 1966	4374	GULF COAST SHRIMP DATA, DECEMBER, 1966
4299	MISSISSIPPI LANDINGS, SEPTEMBER, 1966	4375	CALIFORNIA LANDINGS, NOVEMBER, 1966
4300	FROZEN FISHERY PRODUCTS, DECEMBER, 1966	4376	MISSISSIPPI RIVER FISHERIES, ANNUAL, 1965
4301	TEXAS LANDINGS, OCTOBER, 1966	4377	MASSACHUSETTS LANDINGS, NOVEMBER, 1966
4302	MICHIGAN, OHIO, AND WISCONSIN LANDINGS, OCTOBER, 1966	4378	RHODE ISLAND LANDINGS, DECEMBER, 1966
4303	NORTH CAROLINA LANDINGS, NOVEMBER, 1966	4379	MICHIGAN, OHIO, AND WISCONSIN LANDINGS, JANUARY, 1967
4304	RHODE ISLAND LANDINGS, SEPTEMBER, 1966	4380	FROZEN FISHERY PRODUCTS, MARCH, 1967
4305	ALABAMA LANDINGS, OCTOBER, 1966	4381	TEXAS LANDINGS, JANUARY, 1967
4306	GEOGRIA LANDINGS, NOVEMBER, 1966	4382	FISH MEAL AND OIL, FEBRUARY, 1967
4307	SHRIMP LANDINGS, AUGUST, 1966	4383	MASSACHUSETTS LANDINGS, DECEMBER, 1966
4308	GULF COAST SHRIMP DATA, AUGUST, 1966	4384	MAINE LANDINGS, ANNUAL, 1966
4309	NEW YORK LANDINGS, OCTOBER, 1966	4385	LOUISIANA LANDINGS, JANUARY, 1967
4310	FISH MEAL AND OIL, NOVEMBER, 1966	4386	MAINE LANDINGS, JANUARY, 1967
4311	NEW JERSEY LANDINGS, NOVEMBER, 1966	4387	FLORIDA LANDINGS, FEBRUARY, 1967
4312	MASSACHUSETTS LANDINGS, AUGUST, 1966	4388	PROCESSED FISHERY PRODUCTS, ANNUAL, 1965
4313	MICHIGAN, OHIO, AND WISCONSIN LANDINGS, NOVEMBER, 1966	4389	CALIFORNIA LANDINGS, DECEMBER, 1966
4314	MAINE LANDINGS, OCTOBER, 1966	4390	MICHIGAN, OHIO, AND WISCONSIN LANDINGS, FEBRUARY, 1967
4315	SOUTH CAROLINA LANDINGS, NOVEMBER, 1966	4391	GEOGRIA LANDINGS, JANUARY, 1967
4316	FLORIDA LANDINGS, NOVEMBER, 1966	4392	GEOGRIA LANDINGS, FEBRUARY, 1967
4317	TEXAS LANDINGS, NOVEMBER, 1966	4393	ALABAMA LANDINGS, JANUARY, 1967
4318	LOUISIANA LANDINGS, NOVEMBER, 1966	4394	SOUTH CAROLINA LANDINGS, FEBRUARY, 1967
4319	ALABAMA LANDINGS, NOVEMBER, 1966	4395	RHODE ISLAND LANDINGS, ANNUAL, 1966
4320	MISSISSIPPI LANDINGS, OCTOBER, 1966	4396	MICHIGAN, OHIO, AND WISCONSIN LANDINGS, ANNUAL, 1966
4321	MARYLAND LANDINGS, NOVEMBER, 1966	4397	NEW JERSEY LANDINGS, FEBRUARY, 1967
4322	CALIFORNIA LANDINGS, AUGUST, 1966	4398	UNITED STATES FISHERIES, ANNUAL, 1965
4323	SHRIMP LANDINGS, SEPTEMBER, 1966	4399	CALIFORNIA LANDINGS, JANUARY, 1967
4324	GULF COAST SHRIMP DATA, SEPTEMBER, 1966	4400	FISHERIES OF THE UNITED STATES, ANNUAL, 1966
4325	FISH MEAL AND OIL, DECEMBER, 1966	4401	FISH MEAL AND OIL, MARCH, 1967
4326	RHODE ISLAND LANDINGS, OCTOBER, 1966	4402	TEXAS LANDINGS, FEBRUARY, 1967
4327	VIRGINIA LANDINGS, NOVEMBER, 1966	4403	MASSACHUSETTS LANDINGS, JANUARY, 1967
4328	MISSISSIPPI LANDINGS, NOVEMBER, 1966	4404	NEW YORK LANDINGS, ANNUAL, 1966
4329	SOUTH CAROLINA, DECEMBER, 1966	4405	NEW YORK LANDINGS, JANUARY, 1967
4330	NEW ENGLAND FISHERIES, ANNUAL, 1965	4406	NEW YORK LANDINGS, FEBRUARY, 1967
4331	MIDDLE ATLANTIC FISHERIES, ANNUAL, 1965	4407	MAINE LANDINGS, FEBRUARY, 1967
4332	CHESAPEAKE FISHERIES, ANNUAL, 1965	4408	FROZEN FISHERY PRODUCTS, APRIL, 1967
4333	SOUTH ATLANTIC FISHERIES, ANNUAL, 1965	4409	MISSISSIPPI LANDINGS, JANUARY, 1967
4334	GULF FISHERIES, ANNUAL, 1965	4410	MISSISSIPPI LANDINGS, FEBRUARY, 1967
4335	NEW JERSEY LANDINGS, DECEMBER, 1966	4411	GULF COAST SHRIMP DATA, ANNUAL, 1966
4336	NEW YORK LANDINGS, NOVEMBER, 1966	4412	FLORIDA LANDINGS, MARCH, 1967
4337	CALIFORNIA LANDINGS, SEPTEMBER, 1966	4413	FISH STICKS, FISH PORTIONS, AND BREADED SHRIMP, JANUARY-MARCH, 1967
4338	FLORIDA LANDINGS, DECEMBER, 1966	4414	SOUTH CAROLINA LANDINGS, MARCH, 1967
4339	MAINE LANDINGS, NOVEMBER, 1966	4415	SHRIMP LANDINGS, ANNUAL, 1966
4340	FROZEN FISHERY PRODUCTS, JANUARY, 1967	4416	FLORIDA LANDINGS, ANNUAL, 1966
4341	CANNED FISHERY PRODUCTS, ANNUAL, 1966	4417	FLORIDA LANDINGS, ANNUAL, 1966
4342	INDUSTRIAL FISHERY PRODUCTS, ANNUAL, 1966	4418	GEOGRIA LANDINGS, MARCH, 1967
4343	PACKAGED FISHERY PRODUCTS, ANNUAL, 1966	4419	TEXAS LANDINGS, MARCH, 1967
4344	FROZEN FISHERY PRODUCTS, ANNUAL, 1966	4420	NORTH CAROLINA, JANUARY, 1967
4345	MASSACHUSETTS LANDINGS, SEPTEMBER, 1966	4421	RHODE ISLAND, JANUARY, 1967
4346	NORTH CAROLINA LANDINGS, DECEMBER, 1966	4422	ALABAMA LANDINGS, FEBRUARY, 1967
4347	GEOGRIA LANDINGS, DECEMBER, 1966	4423	CALIFORNIA LANDINGS, FEBRUARY, 1967
4348	MICHIGAN, OHIO, AND WISCONSIN LANDINGS, DECEMBER, 1966	4424	MICHIGAN, OHIO, AND WISCONSIN, LANDINGS, MARCH, 1967
4349	SHRIMP LANDINGS, OCTOBER, 1966	4425	LOUISIANA LANDINGS, FEBRUARY, 1967
4350	GULF COAST SHRIMP DATA, OCTOBER, 1966	4426	LOUISIANA LANDINGS, MARCH, 1967
4351	ALABAMA LANDINGS, DECEMBER, 1966		MASSACHUSETTS LANDINGS, BY PORTS, ANNUAL, 1966
4352	TEXAS LANDINGS, DECEMBER, 1966		
4353	VIRGINIA LANDINGS, DECEMBER, 1966		
4354	MISSISSIPPI LANDINGS, DECEMBER, 1966		
4355	CALIFORNIA LANDINGS, OCTOBER, 1966		
4356	PACIFIC COAST FISHERIES, ANNUAL, 1965		

(CONTINUED ON NEXT PAGE)

# STATISTICAL PUBLICATIONS

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C.F.S. NO.	TITLE	C.F.S. NO.	TITLE
4427	SHRIMP LANDINGS, JANUARY, 1967	4511	MASSACHUSETTS LANDINGS, APRIL, 1967
4428	GULF COAST SHRIMP DATA, JANUARY, 1967	4512	MARYLAND LANDINGS, APRIL, 1967
4429	NORTH CAROLINA LANDINGS, FEBRUARY, 1967	4513	NORTH CAROLINA, ANNUAL, 1967
4430	GEORGIA LANDINGS, APRIL, 1967	4514	VIRGINIA LANDINGS, JUNE, 1967
4431	SOUTH CAROLINA LANDINGS, APRIL, 1967	4515	RHODE ISLAND LANDINGS, MAY, 1967
4432	CALIFORNIA LANDINGS, MARCH, 1967	4516	NORTH CAROLINA LANDINGS, JULY, 1967
4433	NEW YORK LANDINGS, MARCH, 1967	4517	MAINE LANDINGS, JUNE, 1967
4434	MICHIGAN, OHIO, AND WISCONSIN LANDINGS, APRIL, 1967	4518	TEXAS LANDINGS, MAY, 1967
4435	FLORIDA LANDINGS, APRIL, 1967	4520	TEXAS LANDINGS, JUNE, 1967
4436	MAINE LANDINGS, MARCH, 1967	4521	TEXAS LANDINGS, JULY, 1967
4437	ALABAMA LANDINGS, MARCH, 1967	4522	MICHIGAN, OHIO, AND WISCONSIN LANDINGS, APRIL, 1967
4438	FISH MEAL AND OIL, APRIL, 1967	4522	MARYLAND LANDINGS, MAY, 1967
4439	NORTH CAROLINA LANDINGS, MARCH, 1967	4523	LOUISIANA LANDINGS, JUNE, 1967
4440	FROZEN FISHERY PRODUCTS, MAY, 1967	4524	MASSACHUSETTS LANDINGS, GEAR AND SUBAREA, ANNUAL, 1966
4441	NEW JERSEY LANDINGS, MARCH, 1967	4525	SHRIMP LANDINGS, MAY, 1967
4442	NEW JERSEY LANDINGS, APRIL, 1967	4526	GULF COAST SHRIMP DATA, MAY, 1967
4443	MISSISSIPPI LANDINGS, MARCH, 1967	4527	RHODE ISLAND LANDINGS, JUNE, 1967
4444	RHODE ISLAND LANDINGS, FEBRUARY, 1967	4528	MISSISSIPPI LANDINGS, JULY, 1967
4445	IMPORTS AND EXPORTS FISHERY PRODUCTS, ANNUAL, 1966	4529	TEXAS LANDINGS, ANNUAL, 1966
4446	GEORGIA LANDINGS, ANNUAL, 1966	4530	FROZEN FISHERY PRODUCTS, SEPTEMBER, 1966
4447	SOUTH CAROLINA LANDINGS, ANNUAL, 1966	4531	FLORIDA LANDINGS, AUGUST, 1967
4448	LOUISIANA LANDINGS, APRIL, 1967	4532	MAINE LANDINGS, JULY, 1967
4449	SOUTH CAROLINA LANDINGS, MAY, 1967	4533	NORTH CAROLINA LANDINGS, AUGUST, 1967
4450	MISSISSIPPI LANDINGS, ANNUAL, 1966	4534	VIRGINIA LANDINGS, JULY, 1967
4451	ALABAMA LANDINGS, ANNUAL, 1966	4535	SOUTH CAROLINA LANDINGS, AUGUST, 1967
4452	ALABAMA LANDINGS, APRIL, 1967	4536	CALIFORNIA LANDINGS, JUNE, 1967
4453	FLORIDA LANDINGS, MAY, 1967	4537	FISH MEAL AND OIL, AUGUST, 1967
4455	FISH MEAL AND OIL, MAY, 1967	4538	GEORGIA LANDINGS, AUGUST, 1967
4456	VIRGINIA LANDINGS, JANUARY, 1967	4539	ALABAMA LANDINGS, JULY, 1967
4457	RHODE ISLAND LANDINGS, MARCH, 1967	4540	NEW JERSEY LANDINGS, JULY, 1967
4458	VIRGINIA LANDINGS, FEBRUARY, 1967	4541	NEW JERSEY LANDINGS, AUGUST, 1967
4459	FISH MEAL AND OIL, ANNUAL, 1966	4542	NEW YORK LANDINGS, JUNE, 1967
4460	FROZEN FISHERY PRODUCTS, JUNE, 1967	4543	VIRGINIA LANDINGS, AUGUST, 1967
4461	NEW JERSEY LANDINGS, MAY, 1967	4544	TEXAS LANDINGS, AUGUST, 1967
4462	VIRGINIA LANDINGS, ANNUAL, 1966	4545	MARYLAND LANDINGS, JUNE, 1967
4463	MARYLAND LANDINGS, JANUARY, 1967	4546	NEW YORK LANDINGS, JULY, 1967
4464	DUTY CHANGES IN FISHERY PRODUCTS	4547	RHODE ISLAND LANDINGS, JULY, 1967
4465	TEXAS LANDINGS, APRIL, 1967	4548	WASHINGTON LANDINGS, ANNUAL, 1966
4466	GULF COAST SHRIMP DATA, FEBRUARY, 1967	4549	OREGON LANDINGS, ANNUAL, 1966
4467	GEORGIA LANDINGS, MAY, 1967	4550	MARYLAND LANDINGS, JULY, 1967
4468	SHRIMP LANDINGS, FEBRUARY, 1967	4551	FISH MEAL AND OIL, SEPTEMBER, 1967
4469	MARYLAND LANDINGS, FEBRUARY, 1967	4552	HAWAII FISHERIES LANDINGS, ANNUAL, 1966
4470	CALIFORNIA LANDINGS, APRIL, 1967	4553	MAINE LANDINGS, AUGUST, 1967
4471	MICHIGAN, OHIO, AND WISCONSIN LANDINGS, MAY, 1967	4554	GEORGIA LANDINGS, SEPTEMBER, 1967
4472	MASSACHUSETTS LANDINGS, FEBRUARY, 1967	4555	FISH STICKS AND FISH PORTIONS AND BREADED SHRIMP, JULY-SEPTEMBER, 1967
4473	MASSACHUSETTS LANDINGS, MARCH, 1967	4556	NEW JERSEY LANDINGS, SEPTEMBER, 1967
4474	VIRGINIA LANDINGS, MARCH, 1967	4557	MARYLAND LANDINGS, AUGUST, 1967
4475	GEORGIA LANDINGS, JUNE, 1967	4558	SOUTH CAROLINA LANDINGS, SEPTEMBER, 1967
4476	SOUTH CAROLINA LANDINGS, JUNE, 1967	4559	FLORIDA LANDINGS, SEPTEMBER, 1967
4477	NEW JERSEY LANDINGS, JUNE, 1967	4560	FROZEN FISHERY PRODUCTS, OCTOBER, 1967
4478	SHRIMP LANDINGS, MARCH, 1967	4561	FROZEN FISHERY TRADE, HISTORICAL
4479	GULF COAST SHRIMP DATA, MARCH, 1967	4562	MICHIGAN, OHIO, AND WISCONSIN LANDINGS, AUGUST, 1967
4480	FROZEN FISHERY PRODUCTS, JULY, 1967	4563	MICHIGAN, OHIO, AND WISCONSIN LANDINGS, SEPTEMBER, 1967
4481	FISH STICKS AND PORTIONS, APRIL-JUNE, 1967	4564	NEW YORK LANDINGS, AUGUST, 1967
4482	FLORIDA LANDINGS, JUNE, 1967	4565	VIRGINIA LANDINGS, SEPTEMBER, 1967
4483	FISH MEAL AND OIL, JUNE, 1967	4566	ALABAMA LANDINGS, AUGUST, 1967
4484	LOUISIANA LANDINGS, MAY, 1967	4567	SHRIMP LANDINGS, JUNE, 1967
4485	LOUISIANA LANDINGS, ANNUAL, 1966	4568	GULF COAST SHRIMP DATA, JUNE, 1967
4486	MARYLAND LANDINGS, MARCH, 1967	4569	RHODE ISLAND LANDINGS, AUGUST, 1967
4487	NEW YORK LANDINGS, APRIL, 1967	4570	MASSACHUSETTS LANDINGS, MAY, 1967
4488	NEW YORK LANDINGS, MAY, 1967	4571	TEXAS LANDINGS, SEPTEMBER, 1967
4489	MISSISSIPPI LANDINGS, APRIL, 1967	4572	LOUISIANA LANDINGS, JULY, 1967
4490	ALABAMA LANDINGS, MAY, 1967	4573	MARYLAND LANDINGS, SEPTEMBER, 1967
4491	MARYLAND LANDINGS, ANNUAL, 1966	4574	NORTH CAROLINA LANDINGS, SEPTEMBER, 1967
4492	VIRGINIA LANDINGS, APRIL, 1967	4575	FISH MEAL AND OIL, OCTOBER, 1967
4493	RHODE ISLAND LANDINGS, APRIL, 1967	4576	NEW YORK LANDINGS, SEPTEMBER, 1967
4494	MICHIGAN, OHIO, AND WISCONSIN LANDINGS, JUNE, 1967	4577	MISSISSIPPI LANDINGS, AUGUST, 1967
4495	VIRGINIA LANDINGS, MAY, 1967	4578	NORTH CAROLINA LANDINGS, OCTOBER, 1967
4496	FISH MEAL AND OIL, JULY, 1967	4579	SOUTH CAROLINA LANDINGS, OCTOBER, 1967
4497	MISSISSIPPI LANDINGS, MAY, 1967	4580	FLORIDA LANDINGS, OCTOBER, 1967
4498	NORTH CAROLINA LANDINGS, APRIL, 1967	4581	NEW JERSEY LANDINGS, OCTOBER, 1967
4499	NORTH CAROLINA LANDINGS, MAY, 1967	4582	MIDDLE ATLANTIC FISHERIES, ANNUAL, 1966
4500	NORTH CAROLINA LANDINGS, JUNE, 1967	4583	GEORGIA LANDINGS, OCTOBER, 1967
4501	MISSISSIPPI LANDINGS, JUNE, 1967	4584	FROZEN FISHERY PRODUCTS, NOVEMBER, 1967
4502	ALABAMA LANDINGS, JUNE, 1967	4585	MAINE LANDINGS, SEPTEMBER, 1967
4503	MAINE LANDINGS, MAY, 1967	4586	CALIFORNIA LANDINGS, JULY, 1967
4504	GEORGIA LANDINGS, JULY, 1967	4587	TEXAS LANDINGS, OCTOBER, 1967
4505	SOUTH CAROLINA LANDINGS, JULY, 1967	4588	ALABAMA LANDINGS, SEPTEMBER, 1967
4506	CALIFORNIA LANDINGS, MAY, 1967	4589	RHODE ISLAND LANDINGS, SEPTEMBER, 1967
4507	SHRIMP LANDINGS, APRIL, 1967	4590	GULF COAST SHRIMP DATA, JULY, 1967
4508	FROZEN FISHERY PRODUCTS, AUGUST, 1967	4591	LOUISIANA LANDINGS, AUGUST, 1967
4509	FLORIDA LANDINGS, JULY, 1967	4592	VIRGINIA LANDINGS, OCTOBER, 1967
4510	GULF COAST SHRIMP DATA, APRIL, 1967		

As the Nation's principal conservation agency, the Department of the Interior has basic responsibilities for water, fish, wildlife, mineral, land, park, and recreational resources. Indian and Territorial affairs are other major concerns of America's "Department of Natural Resources."

The Department works to assure the wisest choice in managing all our resources so each will make its full contribution to a better United States -- now and in the future.









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