

# FISHERY STATISTICS OF THE UNITED STATES

1948

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*STATISTICAL DIGEST NO. 22*

FISH AND WILDLIFE SERVICE

United States Department of the Interior



DANIEL M. COHEN

UNITED STATES DEPARTMENT OF THE INTERIOR, OSCAR L. CHAPMAN, *Secretary*

FISH AND WILDLIFE SERVICE, ALBERT M. DAY, *Director*

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Statistical Digest 22

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FISHERY STATISTICS  
OF THE UNITED STATES  
1948

BY

A. W. ANDERSON and E. A. POWER



UNITED STATES GOVERNMENT PRINTING OFFICE, WASHINGTON : 1951

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

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

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

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

The following is a listing of the various Statistical Digests issued since 1939:

- No. 1 Fishery Statistics of the United States, 1939
- 2 Alaska Fishery and Fur Seal Industry, 1940
- 3 Propagation and Distribution of Food Fishes, Fiscal year, 1941
- 4 Fishery Statistics of the United States, 1940
- 5 Alaska Fishery and Fur Seal Industry, 1941
- 6 Propagation and Distribution of Food Fishes, 1941
- 7 Fishery Statistics of the United States, 1941
- 8 Alaska Fishery and Fur Seal Industry, 1942
- 9 Propagation and Distribution of Food Fishes, 1942
- 10 Alaska Fishery and Fur Seal Industry, 1943
- 11 Fishery Statistics of the United States, 1942
- 12 Propagation and Distribution of Food Fishes, 1943
- 13 Alaska Fishery and Fur Seal Industry, 1944
- 14 Fishery Statistics of the United States, 1943
- 15 Alaska Fishery and Fur Seal Industry, 1945
- 16 Fishery Statistics of the United States, 1944
- 17 Alaska Fishery and Fur Seal Industry, 1946
- 18 Fishery Statistics of the United States, 1945
- 19 Fishery Statistics of the United States, 1946
- 20 Alaska Fishery and Fur Seal Industry, 1947
- 21 Fishery Statistics of the United States, 1947
- 22 Fishery Statistics of the United States, 1948
- 23 Alaska Fishery and Fur Seal Industry, 1948

# FISHERY STATISTICS OF THE UNITED STATES: 1948

By **A. W. ANDERSON**, *Chief Branch of Commercial Fisheries*

and: **E. A. POWER**, *Chief, Statistical Section*

Fish and Wildlife Service

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## INTRODUCTION

This report contains a review of the fishery statistics for the year 1948, collected by the Branch of Commercial Fisheries during 1949. They include data on the volume of the catch of fishery products and their value, employment in the fisheries, quantity of gear operated, the number of fishing craft employed in the capture of fishery products, and certain information on the volume and value of the production of manufactured fishery products and byproducts.

Statistical surveys for the 1948 data were conducted in all sections except the South Atlantic and Mississippi River States. Statistics on the various fisheries were collected by the following field agents: R. Cordon, B.E. Finley, F. Freeland, H. Haberland, C. H. Lyles, D. A. McKown, R. H. Marchant, C. B. Tendick, J. P. Wharton, R. H. Wilson and F. M. Wood. The surveys in Washington and Oregon were supervised by F. C. Hinsdale. Data for the Great Lakes were assembled by the staff of Dr. John Van Oosten of the Branch of Fishery Biology; and those for the fisheries of Alaska were collected by the Alaska Branch of the Service.

Information on landings at Massachusetts ports was collected in cooperation with the Market News Section and the Branch of Fishery Biology. Statistics on the fisheries of Alaska were collected and compiled by the Branch of Alaska Fisheries. Data on the Hawaiian Fisheries were furnished by the Division of Fish and Game, Board of Commissioners of Agriculture and Forestry of the Territory of Hawaii.

The statistical surveys conducted during 1949, for 1948 data, were under the general direction of F. A. Power, Chief, Statistical Section, assisted by C. E. Peterson, Statistician. The work of assembling and preparing the data for publication was under the direction of B. E. Finley, Fishery Marketing Specialist. He was assisted by Elsie English, Evelyn Hecht, Delia Ridge, Melissa Tinkey, Marion Davis and S. E. Feldman. Operation of the tabulating unit was directed by Mabel Swart, assisted by Marie Voigt and Adele Marshall. G. I. Sundstrom prepared many of the illustrations contained in the report.

In assembling the data on the fisheries, all appropriate records collected by the various State fishery agencies were used. In the Great Lakes and the Pacific Coast States, these records were such that it was necessary for the Service personnel to conduct only partial surveys. Statistics on the imports and exports of fishery products were furnished by the Bureau of the Census.

Grateful acknowledgment is extended to the State and Federal agencies and to the various individuals who cooperated in furnishing portions of the data contained in this volume.

## SECTION 1.- GENERAL REVIEW

Surveys covering the catch of fish and shellfish for the year 1948 were made in all areas of the United States and Alaska with the exception of the South Atlantic States, including the West Coast of Florida, and the Mississippi River and its tributaries. The South Atlantic States were last canvassed in 1945, and detailed data published in 'Fishery Statistics of the United States, 1945' (Statistical Digest No. 18). The most recent data available for the Mississippi River and its tributaries are for 1931. In the following tables, the most recent employment, operating unit, and catch statistics are shown for each section of the country.

It is estimated that the 1948 catch of fishery products in all sections of the United States and Alaska totaled 4,575 million pounds, valued at 367 million dollars to the fishermen. This was an increase of 5 percent in poundage compared with the previous year. The 1948 catch was the most valuable in history, and showed a gain of 18 percent above the former high year of 1946. Outstanding developments during the year were the record landings of tuna and rosefish (ocean perch); the continued high production of menhaden; the noticeable gain of the Pacific Coast pilchard fishery, and the declines in the catches of salmon and Atlantic and Pacific mackerel. The catch of menhaden off the Atlantic Coast and Gulf States during 1948 broke all previous records with landings of over 1 billion pounds valued at 11.7 million dollars. This represented an increase of 4 percent in quantity but a decrease of 4 percent in value compared with 1947. The production of tuna and tunalike fishes on the Pacific Coast set a new record during 1948 with landings totaling over 325 million pounds. This catch exceeded by over 57 million pounds the previous high year of 1947. This was the second consecutive year that the value of the catch of these fish exceeded that of salmon which is normally the most valuable species taken. The Atlantic Coast catch of rosefish (ocean perch) during 1948 totaled over 238 million pounds -- an increase of almost 60 million pounds above the former peak year of 1946. The Pacific Coast pilchard catch during 1948 amounted to over 373 million pounds -- a gain of slightly over 100 million pounds compared with the low-level of the previous year. The United States and Alaska catch of salmon totaled 403.7 million pounds in 1948 -- a decline of 94 million pounds compared with 1947. The Atlantic and Pacific mackerel fisheries each registered a drop in production of approximately 7 million pounds compared with the previous year.

The per capita consumption of fishery products in the United States in 1948 totaled 11 pounds, edible weight basis. Fresh and frozen fish contributed 6.3 pounds; canned fish, 3.8 pounds, and cured fish .9 pounds. This was considerably above the wartime level of 9 pounds when a large portion of the canned pack was allocated to the armed forces and to lend-lease distribution.

The total catch of fishery products in the United States, as based on the most recent surveys for each section through 1948, amounted to 4,564 million pounds, valued at 347.2 million dollars to the fishermen. The difference between these figures and the estimated totals listed above are due to the inclusion of estimates on the 1948 landings for the South Atlantic area, including the West Coast of Florida and for the Mississippi River and its tributaries. The following table, which contains recorded production for the areas in which surveys were made for the years shown and estimates for other regions, indicates the trend of the yield and value of the domestic catch during recent years.

<u>Year</u>	<u>Pounds</u>	<u>Value to the fishermen</u>	<u>Average price per pound</u>
1939	4,443,328,000	\$96,532,000	2.17¢
1940	4,059,524,000	98,957,000	2.44
1941	1/ 4,900,000,000	1/129,000,000	2.63
1942	3,876,524,000	170,338,000	4.39
1943	4,202,000,000	204,000,000	4.85
1944	4,500,000,000	213,000,000	4.73
1945	4,575,500,000	269,900,000	5.82
1946	4,456,000,000	310,000,000	6.96
1947	4,344,000,000	307,600,000	7.08
1948	4,575,000,000	367,000,000	8.02

1/ Revised.

There were 1,184 vessels of 5 net tons and over documented as fishing craft in 1948. This was about 9 percent less than the number entering the fleet the previous year, but between three and four times the number documented annually prior to 1940. In the four years ending with 1948, a total of 4,310 vessels had been documented as fishing craft.

In 1940, the entire fleet in the United States and Alaska totaled only 5,562 vessels. Despite the large increase in the size of the fleet, the annual catch has remained almost identical with the prewar production. This has been due largely to the low yields of salmon in Alaska and pilchards in California.

Vessels obtaining their first documents as fishing craft, 1936 - 1948:

<u>Year</u>	<u>Number</u>	<u>Year</u>	<u>Number</u>
1936	1/ 435	1943	358
1937	335	1944	635
1938	1/ 376	1945	741
1939	357	1946	1,085
1940	320	1947	1,300
1941	354	1948	1,184
1942	358		

1/ Data are partly estimated.

San Pedro, California, maintained its position as the leading fishing center in the United States during 1948 with landings totaling almost 481 million pounds. These landings were valued at nearly 31 million dollars. Gloucester, Massachusetts was in second place with landings of over 251 million pounds, valued at 11.2 million dollars, while San Diego, California occupied third place with landings of 213 million pounds valued at 37.4 million dollars.

It is estimated that the 1948 catch was marketed as follows: 1,663 million pounds (round weight basis) as fresh and frozen products; 1,488 million pounds were used for canning; 1,324 million pounds for bait and byproducts, and 100 million pounds for cured products.

The 1948 production of canned fishery products in the United States and Alaska amounted to 782.2 million pounds, valued at 336.2 million dollars at the processors' level. The output of fishery byproducts was valued at 79.9 million dollars. The value of canned fishery products was the highest in history while that of byproducts was only slightly smaller than the high year of 1947.

A record total of almost 292 million pounds of fishery products was frozen during 1948. This was over 45 million pounds above the 1947 production. Cold storage holdings of fish and shellfish on the first of each month averaged 1.6 million pounds above the figures of the previous year.

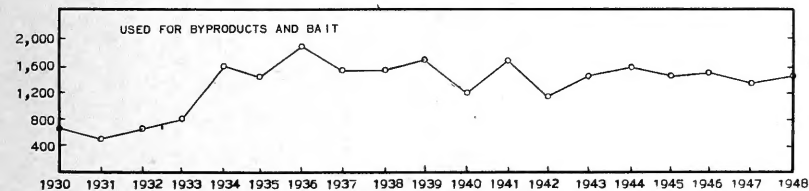
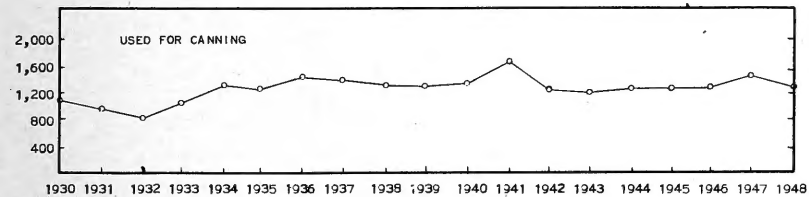
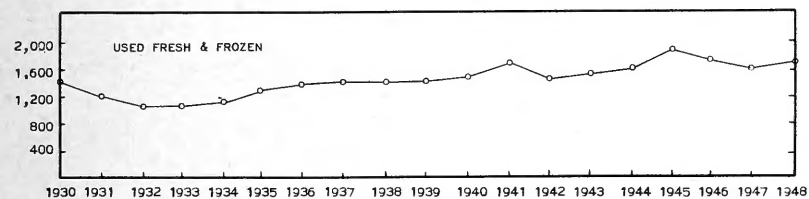
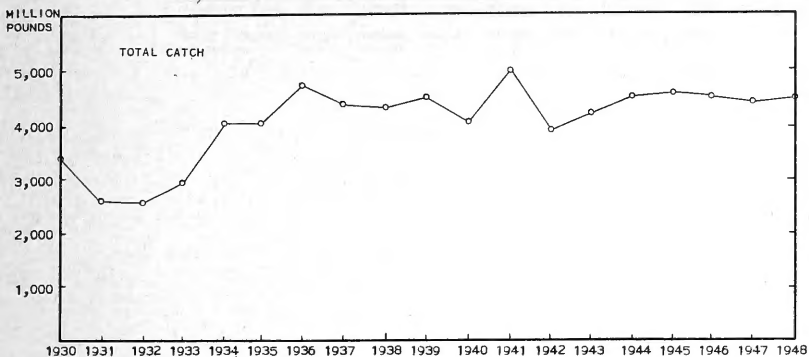
The value of foreign trade in fishery products (imports and exports combined) by the United States during 1948 amounted to over 181 million dollars. Of this amount, 157 million dollars represented the value of products entered for consumption and 24 million dollars the value of exports of domestic fishery products. The value of imports for consumption was 42 percent above the previous year, while the value of exports decreased 54 percent. Imports increased in most categories, but the largest increases occurred in imports of fresh and frozen groundfish fillets and shrimp; vitamin oils, and fish scrap and meal. Exports of canned salmon and sardines were far less than in the previous year.

A review of the fisheries of each geographical area will be found at the beginning of each section in this volume. Summaries of the more important specific fisheries will be found in Section 12. Summarized data of the operating units and catch for all areas have been previously published in Current Fishery Statistics No. 604.





## DISPOSITION OF CATCH, 1930-1948



## UNITED STATES AND ALASKA SUMMARIES

SUMMARY OF CATCH  
(EXPRESSED IN THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

PRODUCT	NEW ENGLAND, 1948 AREA XXII		MIDDLE ATLANTIC, 1948 AREA XXIII		CHESAPEAKE, 1948 AREA XXIII		SOUTH ATLANTIC, 1945 AREA XXIV		GULF, 1948 AND 1945 AREA XXV	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
FISH . . . . .	939,334	46,344	456,118	12,147	259,672	10,261	339,577	9,514	260,566	11,625
SHELLFISH, ETC.	59,046	21,644	44,874	16,495	104,664	17,343	65,369	5,618	166,449	35,096
TOTAL . . . . .	998,380	67,988	500,992	28,642	364,336	27,604	404,946	15,132	427,015	46,721

PRODUCT	PACIFIC, 1948		LAKES, 1948		MISSISSIPPI RIVER AND TRIBUTARIES, 1931		ALASKA, 1948		TOTAL, VARIOUS YEARS *	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
FISH . . . . .	1,056,987	105,532	83,952	12,688	44,062	2,257	559,464	30,979	3,999,732	241,347
SHELLFISH, ETC.	76,984	8,337	-	-	38,321	640	7,436	516	563,150	105,691
WHALE PRODUCTS.	1,178	149	-	-	-	-	-	-	1,178	149
TOTAL . . . . .	1,135,149	114,018	83,959	12,690	82,383	2,897	566,900	31,495	4,564,060	347,187

NOTE: THE ROMAN NUMERALS APPEARING UNDER THE NAMES OF THE SECTIONS ARE THE NUMBERS GIVEN THE AREAS BY THE NORTH AMERICAN COUNCIL ON FISHERY INVESTIGATIONS. IT SHOULD BE EXPLAINED THAT THERE ARE INCLUDED IN THE OPERATING UNIT TABLES FOR THE AREAS, CRAFT WHOSE PRINCIPAL PORTS ARE IN THE RESPECTIVE AREAS BUT WHICH MAY AT TIMES FISH ELSEWHERE. DATA CONCERNING THE CATCH OF THE GULF STATES ARE FOR 1948 EXCEPT FOR THE WEST COAST OF FLORIDA WHICH ARE FOR 1945.

## SUMMARY OF OPERATING UNITS

ITEM	NEW ENGLAND, 1948	MIDDLE ATLANTIC, 1948	CHESAPEAKE, 1948	SOUTH ATLANTIC, 1945 AND 1940	GULF, 1948 AND 1940
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS . . . . .	6,384	4,016	2,093	2,455	5,746
ON BOATS AND SHORE . . . .	18,490	11,646	17,897	10,414	15,379
TOTAL . . . . .	24,874	15,662	19,990	12,869	21,125
VESSELS:					
STEAM . . . . .	3	1	3	-	-
NET TONNAGE . . . . .	117	46	175	-	-
MOTOR . . . . .	937	628	364	614	1,837
NET TONNAGE . . . . .	31,163	13,382	4,744	6,960	28,975
SAIL . . . . .	-	-	99	45	4
NET TONNAGE . . . . .	-	-	1,095	595	49
TOTAL VESSELS . . . . .	940	629	466	659	1,841
TOTAL NET TONNAGE . . . . .	31,280	13,428	6,014	7,555	28,924
BOATS:					
MOTOR . . . . .	8,035	5,558	8,713	3,096	6,556
OTHER . . . . .	5,141	1,547	4,974	2,860	3,710
ACCESSORY BOATS . . . . .	251	182	72	236	151
APPARATUS:					
HAUL SEINES . . . . .	72	171	611	514	198
PURSE SEINES AND LAMPARA NETS . . . . .	111	119	18	45	34
STOP SEINES . . . . .	145	-	-	-	-
OTTER TRAWLS . . . . .	1,070	305	58	1,119	5,476
BEAM TRAWLS . . . . .	-	21	-	-	-
GILL NETS . . . . .	1,556	1,512	2,079	3,940	1,925
TRAMMEL AND BAR NETS . . .	-	-	-	8	847
POUND NETS, TRAP NETS AND WEIRS . . . . .	292	325	2,107	2,520	-
FLOATING TRAPS . . . . .	72	-	-	-	-
STOP NETS . . . . .	7	5	3	-	-
FYKE NETS . . . . .	36	868	1,921	353	146
BAG NETS . . . . .	44	-	-	-	-

SEE FOOTNOTES AT END OF TABLE

(CONTINUED ON NEXT PAGE)

GENERAL REVIEW

SUMMARY OF OPERATING UNITS - Continued

ITEM	NEW ENGLAND, 1948	MIDDLE ATLANTIC, 1948	CHESAPEAKE, 1948	SOUTH ATLANTIC, 1945 AND 1940	GULF, 1948 AND 1940
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
<b>APPARATUS-CONTINUED:</b>					
OTHER NETS 2/ . . . . .	400	74	1,211	309	5,612
HOOKS, BAITS OR SNOODS . . . . .	1,313,687	391,363	1,127,731	866,620	730,874
EEL POTS AND TRAPS . . . . .	1,843	3,194	27,492	535	20
BRUSH TRAPS . . . . .	-	-	-	-	93,500
LOBSTER, NORTHERN AND SPINY, POTS AND TRAPS . . . . .	598,425	18,913	-	5,900	3,000
CRAB, CRAYFISH AND TURTLE, POTS AND TRAPS . . . . .	762	480	67,146	7,330	3,288
CLAM DREDGES . . . . .	40	93	-	-	6
CRAB DREDGES . . . . .	-	71	348	-	-
OYSTER DREDGES . . . . .	56	392	746	349	391
SCALLOP DREDGES . . . . .	4,427	84	-	-	72
OTHER DREDGES . . . . .	-	-	9	-	-
SCRAPES . . . . .	-	-	514	-	-
TONGS, RAKES, SHOVELS, HOES, FORKS, PICKS AND GRABS . . . . .	6,364	10,996	8,453	647	2,230
DIVING OUTFITS . . . . .	-	-	-	-	67
OTHER APPARATUS 4/ . . . . .	314	23,169	3,563	10,906	771
<hr/>					
ITEM	PACIFIC 1948 AND 1947	LAKES, 1940	MISSISSIPPI RIVER AND TRIBUTARIES, 1931	ALASKA, 1948	TOTAL, VARIOUS YEARS
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
<b>FISHERMEN:</b>					
ON VESSELS . . . . .	14,242	1,694	-	1/12,371	49,001
ON BOATS AND SHORE . . . . .	15,842	3,448	15,884	-	109,000
TOTAL . . . . .	30,084	5,142	15,884	12,371	158,001
<hr/>					
<b>VESSELS:</b>					
STEAM . . . . .	-	30	-	-	37
NET TONNAGE . . . . .	-	646	-	-	984
MOTOR . . . . .	2,858	469	-	1,740	9,447
NET TONNAGE . . . . .	73,181	5,427	-	23,232	186,964
SAIL . . . . .	-	-	-	-	148
NET TONNAGE . . . . .	-	-	-	-	1,739
TOTAL VESSELS . . . . .	2,858	499	-	1,740	9,632
TOTAL NET TONNAGE . . . . .	73,181	6,073	-	23,232	189,687
<hr/>					
<b>BOATS:</b>					
MOTOR . . . . .	7,081	1,186	4,426	2,439	47,090
OTHER . . . . .	753	599	10,120	2,003	31,707
ACCESSORY BOATS . . . . .	1,076	-	-	-	1,968
<b>APPARATUS:</b>					
HAUL SEINES . . . . .	188	169	1,013	148	3,084
PURSE SEINES AND LAMPARA NETS . . . . .	910	-	-	742	1,979
STOP SEINES . . . . .	-	-	-	-	145
OTTER TRAWLS . . . . .	380	-	-	11	8,419
BEAM TRAWLS . . . . .	28	-	-	11	60
GILL NETS . . . . .	8,195	106,031	101	5,080	130,419
TRAMMEL AND BAR NETS . . . . .	89	75	518	-	1,537
POUND NETS, TRAP NETS AND WEIRS . . . . .	55	8,336	374	399	14,408
FLOATING TRAPS . . . . .	-	-	-	-	72
STOP NETS . . . . .	-	-	-	-	15
FYKE NETS . . . . .	2,419	1,787	32,541	-	40,071
BAG NETS . . . . .	2	-	-	-	46
OTHER NETS 2/ . . . . .	2,797	-	191	-	10,594
HOOKS, BAITS OR SNOODS . . . . .	1,182,554	615,839	2,459,179	(3)	8,687,847
EEL POTS AND TRAPS . . . . .	-	-	-	-	33,084
BRUSH TRAPS . . . . .	-	-	-	-	93,500
LOBSTER, NORTHERN AND SPINY, POTS AND TRAPS . . . . .	7,918	-	-	-	634,156

SEE FOOTNOTES AT END OF TABLE

(CONTINUED ON NEXT PAGE)

# GENERAL REVIEW

8

## SUMMARY OF OPERATING UNITS - Continued

ITEM	PACIFIC 1948 AND 1947	LAKES, 1940	MISSISSIPPI RIVER AND TRIBUTARIES, 1931	ALASKA, 1948	TOTAL, VARIOUS YEARS
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
APPARATUS - CONTINUED:					
CRAB, CRAWFISH AND TURTLE POTS AND TRAPS	89,026	700	456	2,097	171,285
CLAM DREDGES . . . . .	-	-	-	-	139
CRAB DREDGES . . . . .	-	-	-	-	419
MUSSEL DREDGES . . . . .	-	-	440	-	440
OYSTER DREDGES . . . . .	55	-	-	-	1,989
SCALLOP DREDGES . . . . .	-	-	-	-	4,583
OTHER DREDGES . . . . .	-	-	-	-	9
SCRAPES . . . . .	-	-	-	-	514
TONGS, RAKES, SHOVELS, HOES, FORKS, PICKS AND GRABS . . . . .	3,989	13	3,994	-	36,686
DIVING OUTFITS . . . . .	58	-	-	-	125
CROWFOOT BARS . . . . .	-	22	4,480	-	4,502
OTHER APPARATUS 4/ . . . .	762	-	3,781	2	43,268

1/ INCLUDES PERSONS IN BOAT AND SHORE FISHERIES.

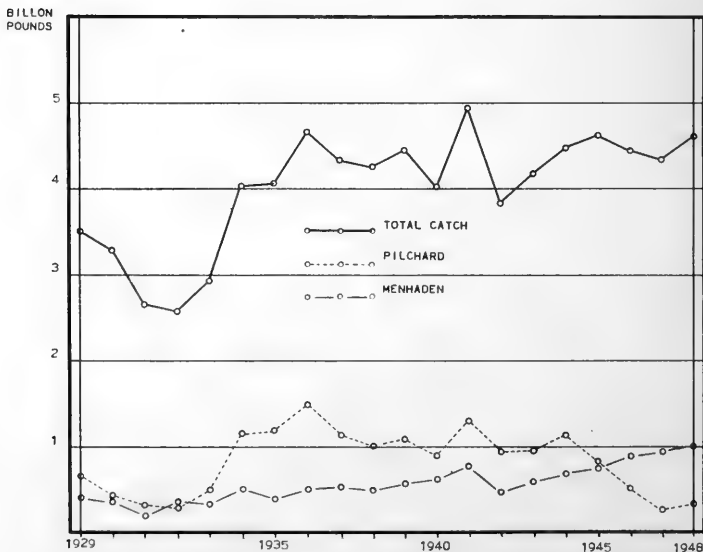
2/ INCLUDES CAST, DIP, REEF AND BRAIL OR SCOOP NETS.

3/ NUMBER NOT DETERMINED.

4/ INCLUDES FISH, PERIWINKLE AND COCKLE, AND CONCH POTS; HARPOONS, SPEARS, BOX TRAPS, SLAT TRAPS, SHRIMP AND OCTOPUS TRAPS, TANGLE NETS, LOBSTER HOOKS, SPONGE HOOKS AND COQUINA SCOOPS.

NOTE: STATISTICS ON THE OPERATING UNITS OF THE SOUTH ATLANTIC STATES ARE FOR 1945, EXCEPT FOR THE EAST COAST OF FLORIDA WHICH ARE FOR 1940; THOSE FOR THE GULF STATES ARE FOR 1948, EXCEPT FOR THE WEST COAST OF FLORIDA WHICH ARE FOR 1940; AND THOSE FOR THE PACIFIC COAST STATES ARE FOR 1948, EXCEPT FOR CALIFORNIA WHICH ARE FOR 1947.

## UNITED STATES AND ALASKA CATCH, 1929 - 1948



GENERAL REVIEW

UNITED STATES AND ALASKA: CATCH BY REGION

(EXPRESSED IN THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	NEW ENGLAND, 1948		MIDDLE ATLANTIC, 1948		CHESAPEAKE, 1948		SOUTH ATLANTIC, 1945		GULF, 1948 AND 1945	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
FISH										
ALEWIVES	3,408	32	309	(1) 9	23,085	474	8,450	185	-	-
AMBERJACK	-	-	3	(1)	-	-	108	-	-	268
ANGLERFISH	52	1	12	1	2	(1)	-	3	-	-
BARRACUDA	-	-	-	-	-	-	40	2	5	1
BLUEFISH	40	12	857	246	403	52	1,912	304	564	80
BLUE PIKE	-	-	-	-	(1)	(1)	-	-	-	-
BLUE RUNNER OR HARDTAIL	-	-	-	-	-	-	91	6	1,960	116
BOWFIN	-	-	-	-	-	(1)	-	-	-	76
BUFFALO FISH	-	-	-	-	-	-	-	-	-	6
BUTTERFISH	2,908	293	2,195	277	1,563	91	57	4	-	-
CABIO OR CRAB EATER	-	-	-	-	-	-	33	2	90	11
CARP	24	2	199	14	1,366	69	882	27	1	(1)
CATFISH AND BULLHEADS	2	(1)	73	7	2,122	147	10,890	1,141	128	33
CIGARFISH	-	-	-	-	-	-	-	-	55	3
COD	68,251	4,303	3,028	436	68	3	-	-	-	-
CRAPPIE	-	-	-	-	8	(1)	933	205	-	-
CREVALLE	-	-	-	-	8	-	122	6	420	34
CROAKER	-	-	371	54	25,369	2,927	4,472	366	250	17
CUNNER	14	(1)	-	-	-	-	-	-	-	-
CUSK	3,213	145	-	-	-	-	-	-	-	-
DOLPHIN	-	-	(1)	(1)	-	-	80	8	3	(1)
DRUM:										
BLACK	-	-	26	1	166	10	679	49	1,322	107
RED OR REDFISH	-	-	-	-	35	3	1,043	117	2,379	388
EELS:										
COMMON	108	18	341	54	1,282	161	181	8	-	-
CONGER	43	2	33	1	25	1	-	1	-	-
FLOUNDER	71,834	7,391	9,983	1,447	2,354	291	2,086	243	879	149
FRIGATE MACKEREL	12	1	75	3	-	-	-	-	-	-
GARFISH	-	-	-	-	-	-	-	-	11	(1)
GIZZARD SHAD	-	-	21	1	150	3	558	11	-	-
GRAYFISH	55	1	3	(1)	-	-	-	-	-	-
GROUPERS	-	-	-	-	-	-	1,417	138	7,574	905
GRUNTS	-	-	-	-	-	-	76	5	112	7
HADDOCK	154,607	12,236	1,768	212	(1)	(1)	-	-	-	-
HAKE:										
RED	5,969	83	979	24	3	(1)	-	-	-	-
WHITE	15,618	656	175	14	99	4	4	(1)	-	-
HALIBUT	477	111	4	1	(1)	(1)	-	-	-	-
HARVESTFISH OR STARFISH	-	-	-	-	674	38	812	49	17	1
HERRING, SEA	192,091	3,741	1,700	51	298	6	-	-	-	-
HICKORY SHAD	1	(1)	4	(1)	100	5	968	76	1	(1)
HOGCHOKER	-	-	-	-	6	(1)	-	-	-	-
HOGFISH	-	-	-	-	(1)	(1)	15	1	-	-
JEW FISH	-	-	-	-	-	-	217	30	219	12
KING MACKEREL	-	-	19	1	-	-	2,780	396	1,119	180
KING WHITING OR KINGFISH	7	1	79	7	475	37	3,287	144	743	62
LADYFISH	-	-	-	-	(1)	(1)	-	-	-	-
LAUNCE	75	3	-	-	-	-	-	-	-	-
MACKEREL	40,783	2,734	7,797	743	2,480	217	-	-	-	-
MARLIN	(1)	(1)	-	-	-	-	-	-	-	-
MENHADEN	1,216	14	389,188	4,823	151,932	1,577	256,279	1,714	192,097	2,510
MINNOWS	179	6	-	-	-	-	-	-	183	11
MOJARRA	-	-	-	-	-	-	-	-	28,482	3,330
MULLET	-	-	67	2	61	5	11,958	963	5	1
MUTTONFISH	-	-	-	-	-	-	208	37	-	-
OCEAN POUT	6	(1)	-	-	-	-	-	-	-	-
PADDOLEFISH OR SPONDBILL CAT	-	-	-	-	-	-	-	-	6	1
PERMIT	-	-	-	-	-	-	1	(1)	-	-
PIGFISH	-	-	-	-	39	2	523	37	115	7
PIKE OR PICKEREL	-	-	-	-	23	5	-	-	-	-
PINFISH	-	-	-	-	-	-	13	(1)	130	8
POLLOCK	37,757	1,375	101	8	-	-	-	-	-	-
POMPANO	-	-	-	-	3	1	356	136	436	205
ROSEFISH (OCEAN PERCH)	238,095	9,647	-	-	(1)	(1)	-	-	-	-
RUDDERFISH	-	-	-	-	(1)	(1)	-	-	-	-

SEE FOOTNOTES AT END OF TABLE

(CONTINUED ON NEXT PAGE)

## GENERAL REVIEW

## UNITED STATES AND ALASKA: CATCH BY REGION - Continued

(EXPRESSED IN THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	NEW ENGLAND, 1948		MIDDLE ATLANTIC, 1948		CHESAPEAKE, 1948		SOUTH ATLANTIC, 1945		GULF, 1948 AND 1945	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
FISH - CONTINUED										
SALMON, ATLANTIC . . . . .	(1)	(1)	-	-	-	-	-	-	-	-
SAHD PERCH . . . . .	-	-	-	-	65	2	-	-	-	-
SCUP OR PORGY . . . . .	7,554	377	14,579	785	8,724	611	113	9	-	-
SEA BASS, BLACK (ATLANTIC) . . . . .	388	60	7,144	1,044	7,530	683	455	67	-	-
SEA CATFISH . . . . .	158	4	13	(1)	30	1	11	-	878	67
SEA ROBIN . . . . .	-	-	-	-	-	-	-	-	-	-
SEA TROUT OR WEAKFISH:										
GRAY . . . . .	256	32	4,948	648	12,963	886	4,770	529	-	-
SPOTTED . . . . .	-	-	-	-	89	13	1,580	307	4,687	969
WHITE . . . . .	-	-	-	-	-	-	-	-	821	73
SHAD . . . . .	661	91	3,299	584	4,210	683	2,065	423	-	-
SHARKS . . . . .	155	6	59	2	404	16	2,029	32	1	(1)
SHEEPSHEAD:										
FRESH-WATER . . . . .	-	-	-	-	-	-	162	13	3	(1)
SALT-WATER . . . . .	-	-	-	-	1	(1)	13	1	790	59
SILVERSIDES . . . . .	3	(1)	253	15	-	-	-	-	-	-
SKATES . . . . .	163	5	39	1	5	(1)	-	-	-	-
SMELT . . . . .	549	139	(1)	(1)	-	-	-	-	-	-
SNAPPER:										
MANGROVE . . . . .	-	-	-	-	(1)	(1)	113	15	102	12
RED . . . . .	-	-	-	-	-	-	251	55	6,216	1,352
SNOOK OR SERGEANTFISH . . . . .	-	-	-	-	-	-	205	27	307	37
SPANISH MACKEREL . . . . .	-	-	-	-	33	5	5,979	720	6,064	778
SPOT . . . . .	2	(1)	72	10	4,070	239	7,510	399	316	20
STRIPED BASS . . . . .	151	27	758	205	5,102	821	609	121	-	-
TURGEON, COMMON . . . . .	22	3	27	7	42	10	42	15	9	2
SUCKERS . . . . .	25	2	35	1	12	1	7	(1)	-	-
SUNFISH . . . . .	-	-	2	(1)	2	(1)	1,255	239	-	-
SWELLFISH . . . . .	90	2	1,137	56	104	4	(1)	(1)	-	-
SWORDFISH . . . . .	941	376	45	25	-	-	-	-	-	-
TAUTOG . . . . .	239	19	53	2	22	2	-	-	-	-
TENPOUNDER . . . . .	-	-	-	-	-	-	-	-	625	34
TILEFISH . . . . .	397	31	616	62	12	1	-	-	-	-
TOMCOD . . . . .	-	-	(1)	(1)	3	(1)	-	-	-	-
TRIPLETAIL . . . . .	-	-	-	-	-	-	41	3	33	4
TUNA AND TUNALIKE FISHES:										
BLUEFIN . . . . .	2,878	195	119	19	-	-	-	-	-	-
BONITO . . . . .	4	1	38	6	33	3	60	5	-	-
LITTLE . . . . .	-	-	586	59	16	1	-	-	-	-
TOTAL TUNA . . . . .	2,882	196	743	84	49	4	60	5	-	-
WHITEBAIT . . . . .	-	-	11	3	-	-	-	-	-	-
WHITE PERCH . . . . .	5	1	126	11	1,635	117	500	61	-	-
WHITING . . . . .	80,468	1,817	1,655	100	41	1	-	-	-	-
WOLFFISH . . . . .	2,177	144	193	12	-	-	-	-	-	-
YELLOW PERCH . . . . .	-	-	23	1	220	29	10	2	-	-
YELLOW PIKE . . . . .	-	-	-	-	(1)	(1)	-	-	-	-
YELLOWTAIL, ATLANTIC . . . . .	-	-	-	-	-	-	266	57	64	17
UNCLASSIFIED . . . . .	5,203	204	878	52	111	3	-	-	-	-
TOTAL	939,334	46,344	456,118	12,147	259,672	10,261	339,577	9,514	260,566	11,625
SHELLFISH, ETC.										
CRABS:										
BLUE:										
HARD . . . . .	3	1	2,134	254	63,314	3,665	17,018	588	30,603	1,090
SOFT AND PEELERS . . . . .	1	(1)	11	4	4,633	930	186	56	881	440
ROCK . . . . .	1,242	84	-	-	-	-	-	-	-	-
STONE . . . . .	-	-	-	-	-	-	80	21	81	29
HORSESHOE CRAB . . . . .	-	-	940	4	-	-	-	-	-	-
LOBSTERS:										
NORTHERN . . . . .	20,226	8,396	759	331	2	1	-	-	-	-
SPINY . . . . .	-	-	-	-	-	-	573	116	205	41
SHRIMP . . . . .	27	3	100	50	-	-	43,581	3,984	119,590	25,101

SEE FOOTNOTES AT END OF TABLE

(CONTINUED ON NEXT PAGE)

GENERAL REVIEW

UNITED STATES AND ALASKA: CATCH BY REGION - Continued

(EXPRESSED IN THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	NEW ENGLAND, 1948		MIDDLE ATLANTIC, 1948		CHESAPEAKE, 1948		SOUTH ATLANTIC, 1945		GULF, 1948 AND 1945	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
SHELLFISH, ETC. CONTINUED										
CLAMS:										
COQUINA . . . . .	-	-	-	-	-	-	-	-	54	13
HARD . . . . .	5,316	1,662	11,435	4,090	1,767	884	506	153	688	172
OCEAN QUAHOG . . . . .	239	15	-	-	-	-	-	-	-	-
RAZOR . . . . .	44	6	-	-	-	-	-	-	-	-
SOFT . . . . .	10,161	2,206	3,473	639	-	-	-	-	-	-
SURF . . . . .	13	4	3,698	389	-	-	-	-	-	-
TOTAL CLAMS . . . . .	15,773	3,893	18,606	5,118	1,767	884	506	153	742	185
CONCHS . . . . .	136	15	234	51	90	8	4	1	15	4
MUSSELS, SEA . . . . .	156	18	267	63	-	-	43	5	-	-
OYSTERS, MARKET:										
EASTERN, PUBLIC . . . . .	88	37	1,638	645	18,188	6,205	1,822	423	9,374	3,239
EASTERN, PRIVATE . . . . .	1,564	845	14,152	7,549	16,215	5,580	1,000	221	4,557	1,900
TOTAL OYSTERS . . . . .	1,652	882	15,790	8,194	34,403	11,785	2,822	644	13,931	5,139
PERIWINKLES AND COCKLES SCALLOPS:										
BAY . . . . .	1,804	1,243	44	52	-	-	22	8	108	60
SEA . . . . .	12,483	6,519	4,153	2,201	(1)	(1)	-	-	-	-
SQUID . . . . .	2,576	167	1,835	173	144	10	2	(1)	3	(1)
SEA URCHINS . . . . .	180	4	-	-	-	-	-	-	-	-
TERRAPIN, DIAMOND-BACK	-	-	-	-	164	41	16	8	-	-
TURTLES . . . . .	-	-	1	(1)	147	19	256	21	23	3
IRISH MOSS . . . . .	2,084	39	-	-	-	-	-	-	-	-
ROCKWEED . . . . .	-	-	-	-	-	-	260	13	-	-
SPONGES . . . . .	-	-	-	-	-	-	-	-	267	3,004
BLOODWORMS . . . . .	568	305	-	-	-	-	-	-	-	-
SANDWORMS . . . . .	85	64	-	-	-	-	-	-	-	-
TOTAL . . . . .	59,046	21,644	44,874	16,495	104,664	17,343	65,369	5,618	166,449	35,096
GRAND TOTAL . . . . .	998,380	67,988	500,992	28,642	364,336	27,604	404,946	15,132	427,015	46,721

SPECIES	PACIFIC, 1948		LAKES, 1948		MISSISSIPPI RIVER & TRIBUTARIES, 1931		ALASKA, 1948		TOTAL, VARIOUS YEARS	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
FISH										
ALEWIVES . . . . .	-	-	-	-	-	-	-	-	35,252	700
AMBERJACK . . . . .	-	-	-	-	-	-	-	-	379	19
ANCHOVIES . . . . .	11,011	356	-	-	-	-	-	-	11,011	356
ANGLERFISH . . . . .	-	-	-	-	-	-	-	-	66	2
BARRACUDA . . . . .	2,126	329	-	-	-	-	-	-	2,171	332
BLACK BASS . . . . .	-	-	-	-	14	2	-	-	14	2
BLUEFISH . . . . .	-	-	-	-	-	-	-	-	3,776	694
BLUE PIKE . . . . .	-	-	9,122	1,218	-	-	-	-	9,122	1,218
BLUE RUNNER OR HARDTAIL . . . . .	-	-	-	-	-	-	-	-	2,051	122
BOWFIN . . . . .	-	-	18	1	429	9	-	-	448	10
BUFFALOFISH . . . . .	-	-	5	1	15,772	687	-	-	15,853	684
BURBOT . . . . .	-	-	675	17	-	-	-	-	675	17
BUTTERFISH . . . . .	-	-	-	-	-	-	-	-	6,723	665
CABEZONE . . . . .	8	1	-	-	-	-	-	-	8	1
CABIO OR CRAB EATER . . . . .	-	-	-	-	-	-	-	-	123	13
CABRILLA . . . . .	231	34	-	-	-	-	-	-	231	34
CARP . . . . .	421	22	4,177	189	11,892	455	-	-	18,962	778
CATFISH AND BULLHEADS . . . . .	275	50	1,262	244	10,267	878	-	-	25,039	2,500
CHUB . . . . .	-	-	6,298	1,257	-	-	-	-	6,298	1,257
CIGARFISH . . . . .	-	-	-	-	-	-	-	-	55	3
CISCO . . . . .	-	-	263	76	-	-	-	-	263	76
COD . . . . .	6,323	259	-	-	-	-	2,338	74	80,008	5,075
CRAPPIE . . . . .	-	-	-	-	41	3	-	-	982	208
CREVALLE . . . . .	-	-	-	-	-	-	-	-	542	40
CROAKER . . . . .	-	-	-	-	-	-	-	-	30,462	3,364
CUNNER . . . . .	-	-	-	-	-	-	-	-	14	(1)

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## GENERAL REVIEW

## UNITED STATES AND ALASKA: CATCH BY REGION - Continued

(EXPRESSED IN THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	PACIFIC, 1948		LAKES, 1948		MISSISSIPPI RIVER & TRIBUTARIES, 1931		ALASKA, 1948		TOTAL, VARIOUS YEARS	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
FISH - CONTINUED										
CUSK . . . . .	-	-	-	-	-	-	-	-	3,213	145
DOLLY VARDEN TROUT . . . . .	-	-	-	-	-	-	-	-	42	6
DOLPHIN . . . . .	-	-	-	-	-	-	42	6	83	8
DRUM:										
BLACK . . . . .	-	-	-	-	-	-	-	-	2,193	167
RED OR REDFISH . . . . .	-	-	-	-	-	-	-	-	3,457	508
EELS:										
COMMON . . . . .	-	-	17	2	7	1	-	-	1,936	244
CONGER . . . . .	-	-	-	-	-	-	-	-	101	4
FLOUNDERS . . . . .	51,540	2,970	-	-	-	-	248	7	138,924	12,498
FLYING FISH . . . . .	71	5	-	-	-	-	-	-	71	5
FRIGATE MACKEREL . . . . .	-	-	-	-	-	-	-	-	87	4
GARFISH . . . . .	-	-	-	-	72	1	-	-	83	1
GIZZARD SHAD . . . . .	-	-	-	-	-	-	-	-	757	16
GOLDFISH . . . . .	-	-	120	1	6	-	-	-	120	6
GRAYFISH . . . . .	17,163	1,154	-	-	-	-	-	-	17,221	1,155
GROUPEFS . . . . .	355	60	-	-	-	-	-	-	9,346	1,103
GRUNTS . . . . .	-	-	-	-	-	-	-	-	168	12
HADDOCK . . . . .	-	-	-	-	-	-	-	-	156,375	12,448
HAKE:										
RED . . . . .	-	-	-	-	-	-	-	-	6,951	167
WHITE . . . . .	-	-	-	-	-	-	-	-	15,896	674
PACIFIC . . . . .	245	4	-	-	-	-	-	-	245	4
HALIBUT . . . . .	14,007	2,697	-	-	-	-	34,961	5,095	49,449	7,904
HARDHEADS . . . . .	24	7	-	-	-	-	-	-	24	7
HARVESTFISH OR STARFISH . . . . .	-	-	-	-	-	-	-	-	1,503	88
HERRING:										
LAKE . . . . .	-	-	24,371	1,176	-	-	-	-	24,371	1,176
SEA . . . . .	8,594	161	-	-	-	-	174,450	1,853	377,133	5,832
HICKORY SHAD . . . . .	-	-	-	-	-	-	-	-	1,074	81
HOGCHOKER . . . . .	-	-	-	-	-	-	-	-	6	(1)
HOGFISH . . . . .	-	-	-	-	-	-	-	-	15	1
JACK MACKEREL . . . . .	72,898	2,136	-	-	-	-	-	-	72,898	2,136
JEWFISH . . . . .	-	-	-	-	-	-	-	-	436	42
KINGFISH (CALIFORNIA) . . . . .	643	38	-	-	-	-	-	-	643	38
KING MACKEREL . . . . .	-	-	-	-	-	-	-	-	3,918	577
KING WHITING OR "KINGFISH . . . . .	-	-	-	-	-	-	-	-	4,591	251
LADYFISH . . . . .	-	-	-	-	-	-	-	-	(1)	(1)
LAKE TROUT . . . . .	-	-	4,155	1,753	-	-	-	-	4,155	1,753
LAMPREY . . . . .	232	6	-	-	-	-	-	-	232	6
LAUNCE . . . . .	-	-	-	-	-	-	-	-	75	3
LINGCOD . . . . .	10,669	1,352	-	-	-	-	80	8	10,758	1,360
MACKEREL . . . . .	39,387	1,381	-	-	-	-	-	-	90,447	5,075
MARLIN . . . . .	-	-	-	-	-	-	-	-	(1)	(1)
MENHADEN . . . . .	-	-	-	-	-	-	-	-	990,712	10,638
MINNOWS . . . . .	-	-	-	-	-	-	-	-	180	6
MOJARRA . . . . .	-	-	-	-	-	-	-	-	183	11
MOONEYE . . . . .	-	-	7	(1)	3	(1)	-	-	10	(1)
MULLET . . . . .	45	4	-	-	-	-	-	-	40,613	4,304
MUTTONFISH . . . . .	-	-	-	-	-	-	-	-	213	38
OCEAN POUT . . . . .	-	-	-	-	-	-	-	-	6	(1)
PADDLEFISH OR SPOON- BILL CAT . . . . .	-	-	-	-	951	43	-	-	957	44
PERCH . . . . .	443	62	-	-	-	-	-	-	443	62
PERMIT . . . . .	-	-	-	-	-	-	-	-	1	(1)
PIGFISH . . . . .	-	-	-	-	-	-	-	-	677	46
PIKE OR PICKEREL . . . . .	-	-	176	19	5	1	-	-	204	25
PILCHARD . . . . .	373,159	11,010	-	-	-	-	-	-	373,159	11,010
PINFISH . . . . .	-	-	-	-	-	-	-	-	143	8
POLLOCK . . . . .	-	-	-	-	-	-	-	-	37,858	1,383
POMPANO . . . . .	161	43	-	-	-	-	-	-	956	385
QUILLBACK . . . . .	-	-	-	-	266	11	-	-	268	11
RATFISH . . . . .	1,271	12	-	-	-	-	-	-	1,271	12
ROCK BASS . . . . .	164	23	47	5	-	-	-	-	211	28
ROCKFISHES . . . . .	22,093	1,075	-	-	-	-	71	2	22,164	1,077
ROSEFISH (OCEAN PERCH) . . . . .	-	-	-	-	-	-	-	-	238,096	9,647
RUDDERFISH . . . . .	-	-	-	-	-	-	-	-	(1)	(1)
SADLEFISH . . . . .	5,650	768	-	-	-	-	6,512	708	12,162	1,476
SALMONS:										
ATLANTIC . . . . .	-	-	-	-	-	-	-	-	46	(1)
CHINOOK OR KING . . . . .	32,499	7,734	-	-	-	-	13,559	2,119	46,058	9,853
CHUM OR KETA . . . . .	12,209	2,037	-	-	-	-	66,626	3,551	78,835	5,588

SEE FOOTNOTES AT END OF TABLE

(CONTINUED ON NEXT PAGE)



GENERAL REVIEW

UNITED STATES AND ALASKA: CATCH BY REGION - Continued

(EXPRESSED IN THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	PACIFIC, 1948		LAKES, 1948		MISSISSIPPI RIVER & TRIBUTARIES, 1951		ALASKA, 1948		TOTAL, VARIOUS YEARS	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
FISH - CONTINUED										
SALMON, CONTINUED:										
PINK . . . . .	1	(1)	-	-	-	-	113,408	7,115	113,409	7,115
RED OR SOCKEYE . . . . .	6,562	1,990	-	-	-	-	117,924	7,533	124,486	9,523
SILVER OR COHO . . . . .	14,109	3,324	-	-	-	-	26,853	2,826	40,962	6,150
TOTAL SALMON . . . . .	65,380	15,085	-	-	-	-	338,370	23,144	403,750	38,229
SAND PERCH . . . . .	-	-	-	-	-	-	-	-	65	2
SAUGER . . . . .	-	-	326	54	3	(1)	-	-	329	54
SCULPIN . . . . .	155	27	-	-	-	-	-	-	155	27
SCUP OR PORGY . . . . .	-	-	-	-	-	-	-	-	30,970	1,762
SEA BASS:										
BLACK (ATLANTIC) . . . . .	-	-	-	-	-	-	-	-	15,517	1,854
BLACK (PACIFIC) . . . . .	188	31	-	-	-	-	-	-	188	31
WHITE . . . . .	1,114	268	-	-	-	-	-	-	1,114	266
SEA CATFISH . . . . .	-	-	-	-	-	-	-	-	889	68
SEA ROBIN . . . . .	-	-	-	-	-	-	-	-	201	5
SEA TROUT OR WEAKFISH:										
GRAY . . . . .	-	-	-	-	-	-	-	-	22,937	2,095
SPOTTED . . . . .	-	-	-	-	-	-	-	-	6,356	1,289
WHITE . . . . .	-	-	-	-	-	-	-	-	821	73
SHAD . . . . .	1,614	103	-	-	-	-	-	-	11,849	1,884
SHARKS . . . . .	2/3,845	2/1,954	-	-	-	-	1,985	36	8,478	2,046
SHEEPSHEAD:										
FRESH-WATER . . . . .	-	-	3,737	187	3,905	143	-	-	7,807	343
SALT-WATER . . . . .	100	8	-	-	-	-	-	-	904	68
SILVERSIDES . . . . .	-	4	-	-	-	-	-	-	256	15
SKATES . . . . .	688	-	-	-	-	-	266	1	1,161	11
SMELT . . . . .	5,345	329	1,133	178	-	-	-	-	7,027	646
SNAPPER:										
HANGROVE . . . . .	-	-	-	-	-	-	-	-	215	27
RED . . . . .	-	-	-	-	-	-	-	-	6,467	1,407
SNOOK OR SERGEANTFISH . . . . .	-	-	-	-	-	-	-	-	512	64
SPANISH MACKEREL . . . . .	24	-	-	-	-	-	-	-	12,100	1,505
SPLITTAIL . . . . .	1	(1)	-	-	-	-	-	-	1	(1)
SPOT . . . . .	-	-	-	-	-	-	-	-	11,970	668
STEELHEAD TROUT . . . . .	1,541	265	-	-	-	-	(1)	(1)	1,541	265
STRIPED BASS . . . . .	117	12	-	-	-	-	-	-	6,737	1,186
STURGEON:										
COMMON . . . . .	625	124	24	25	-	-	-	-	791	186
SHOVELNOSE . . . . .	-	-	-	-	87	8	-	-	87	8
SUCKERS . . . . .	3	(1)	3,776	207	315	13	-	-	4,173	224
SUNFISH . . . . .	-	-	13	1	22	1	-	-	1,294	241
SWELLFISH . . . . .	-	-	-	-	-	-	-	-	1,331	62
SWORDFISH . . . . .	-	-	-	-	-	-	-	-	2,100	755
TAUTOG . . . . .	1,114	354	-	-	-	-	-	-	314	23
TENPOUNDER . . . . .	-	-	-	-	-	-	-	-	625	34
TILEFISH . . . . .	-	-	-	-	-	-	-	-	1,025	94
TOMCOD . . . . .	-	-	-	-	-	-	-	-	3	(1)
TRIPLETAIL . . . . .	-	-	-	-	-	-	-	-	74	7
TULLIBEE . . . . .	-	-	1,106	104	-	-	-	-	1,106	104
TUNA AND TUNALIKE										
FISHES:										
ALBACORE . . . . .	49,361	14,627	-	-	-	-	132	32	49,493	14,659
BLUEFIN . . . . .	6,529	1,096	-	-	-	-	-	-	9,526	1,310
BONITO . . . . .	9,135	1,062	-	-	-	-	-	-	9,270	1,077
LITTLE . . . . .	-	-	-	-	-	-	-	-	602	60
SKIPJACK . . . . .	60,554	9,534	-	-	-	-	-	-	60,554	9,534
YELLOWFIN . . . . .	199,427	33,406	-	-	-	-	-	-	199,427	33,406
TOTAL TUNA . . . . .	325,066	59,725	-	-	-	-	132	32	328,872	60,046
WHITEBAIT . . . . .	222	24	-	-	-	-	-	-	233	27
WHITE BASS . . . . .	-	-	499	86	3	(1)	-	-	502	86
WHITEFISH:										
COMMON . . . . .	-	-	12,250	3,784	-	-	-	-	12,250	3,784
MEMONINEE . . . . .	-	-	160	25	-	-	-	-	160	25
OCEAN . . . . .	42	5	-	-	-	-	-	-	42	5
WHITE PERCH . . . . .	-	-	-	-	-	-	-	-	2,266	190
WHITING . . . . .	-	-	-	-	-	-	-	-	82,164	1,918
WOLFFISH . . . . .	-	-	-	-	-	-	-	-	2,370	156

SEE FOOTNOTES AT END OF TABLE

(CONTINUED ON NEXT PAGE)

## GENERAL REVIEW

## UNITED STATES AND ALASKA: CATCH BY REGION - Continued

(EXPRESSED IN THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	PACIFIC, 1948		LAKES, 1948		MISSISSIPPI RIVER & TRIBUTARIES, 1951		ALASKA, 1948		TOTAL, VARIOUS YEARS	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
FISH - CONTINUED										
YELLOW PERCH . . . . .	-	-	4,919	795	-	-	-	-	5,172	787
YELLOW PIKE . . . . .	-	-	5,248	1,317	5	1	-	-	5,253	1,318
YELLOWTAIL:										
ATLANTIC . . . . .	-	-	-	-	-	-	-	-	330	74
PACIFIC . . . . .	10,446	1,163	-	-	-	-	-	-	10,446	1,163
UNCLASSIFIED . . . . .	208	10	-	-	-	-	-	13	6,400	282
TOTAL . . . . .	1,056,987	105,532	83,952	12,688	44,062	2,257	559,464	30,979	3,999,732	241,347
SHELLFISH, ETC.										
CRABS:										
BLUE:										
HARD . . . . .	-	-	-	-	-	-	-	-	113,072	5,598
SOFT AND PEELERS . . . . .	-	-	-	-	-	-	-	-	5,712	1,430
DUNGENESS . . . . .	44,600	4,702	-	-	-	-	1,223	63	45,823	4,765
KING . . . . .	-	-	-	-	-	-	2,133	96	2,133	96
ROCK . . . . .	21	2	-	-	-	-	-	-	1,263	86
STONE . . . . .	-	-	-	-	-	-	-	-	161	50
CRAWFISH . . . . .	33	7	7	2	29	(1)	-	-	69	9
HORSESHOE CRAB . . . . .	-	-	-	-	-	-	-	-	940	4
LOBSTERS:										
NORTHERN . . . . .	-	-	-	-	-	-	-	-	20,987	8,728
SPINY . . . . .	563	229	-	-	-	-	-	-	1,341	386
SHRIMP . . . . .	973	69	-	-	49	4	2,835	227	167,155	29,438
ABALONE . . . . .	646	371	-	-	-	-	-	-	646	371
CLAMS:										
COQUINA . . . . .	-	-	-	-	-	-	-	-	54	13
HARD . . . . .	274	88	-	-	-	-	16	1	20,002	7,050
OCEAN QUAHOG . . . . .	-	-	-	-	-	-	-	-	239	15
RAZOR . . . . .	618	344	-	-	-	-	1,222	128	1,884	478
SOFT . . . . .	1	(1)	-	-	-	-	-	-	13,635	2,845
SURF . . . . .	-	-	-	-	-	-	-	-	3,711	393
MIXED . . . . .	30	8	-	-	-	-	-	-	30	8
TOTAL CLAMS . . . . .	923	440	-	-	-	-	1,238	129	39,555	10,802
CONCHS . . . . .	-	-	-	-	-	-	-	-	479	79
MUSSELS, SEA . . . . .	1	(1)	-	-	-	-	-	-	467	86
MUSSEL SHELLS . . . . .	-	-	-	-	37,255	422	-	-	37,255	422
OCTOPUS . . . . .	184	12	-	-	-	-	-	-	184	12
OYSTERS, MARKET:										
EASTERN, PUBLIC . . . . .	-	-	-	-	-	-	-	-	31,110	10,549
EASTERN, PRIVATE . . . . .	46	52	-	-	-	-	-	-	37,534	16,147
PACIFIC . . . . .	9,564	1,710	-	-	-	-	7	1	9,571	1,711
WESTERN . . . . .	154	212	-	-	-	-	-	-	154	212
TOTAL OYSTERS . . . . .	9,764	1,974	-	-	-	-	7	1	78,369	28,619
PERIWINKLES AND COCKLES	-	-	-	-	-	-	-	-	50	11
SCALLOPS:										
BAY . . . . .	17	13	-	-	-	-	-	-	1,995	1,376
SEA . . . . .	-	-	-	-	-	-	-	-	16,636	8,720
SQUID . . . . .	19,259	518	-	-	-	-	-	-	23,819	868
SEA URCHINS . . . . .	-	-	-	-	-	-	-	-	180	4
TERRAPIN, DIAMOND-BACK	-	-	-	-	19	(1)	-	-	199	49
TURTLES . . . . .	-	-	-	-	94	3	-	-	521	46
FROGS . . . . .	-	-	-	-	875	131	-	-	875	131
IRISH MOSS . . . . .	-	-	-	-	-	-	-	-	2,084	39
ROCKWEED . . . . .	-	-	-	-	-	-	-	-	260	13
SPONGES . . . . .	-	-	-	-	-	-	-	-	267	3,004
PEARLS AND SLUGS . . . . .	-	-	-	-	-	80	-	-	-	80
BLOODWORMS . . . . .	-	-	-	-	-	-	-	-	568	305
SANDWORMS . . . . .	-	-	-	-	-	-	-	-	85	64
TOTAL . . . . .	76,984	8,337	7	2	38,321	640	7,436	516	563,150	105,691

SEE FOOTNOTES AT END OF TABLE

(CONTINUED ON NEXT PAGE)

# GENERAL REVIEW

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## UNITED STATES AND ALASKA: CATCH BY REGION - Continued

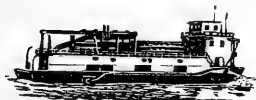
(EXPRESSED IN THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	PACIFIC, 1948		LAKES, 1948		MISSISSIPPI RIVER & TRIBUTARIES, 1931		ALASKA 1948		TOTAL, VARIOUS YEARS	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
<b>WHALE PRODUCTS:</b>										
MEAL . . . . .	238	8	-	-	-	-	-	-	238	8
OIL . . . . .	881	128	-	-	-	-	-	-	881	128
OTHER . . . . .	59	13	-	-	-	-	-	-	59	13
<b>TOTAL . . . . .</b>	<b>1,178</b>	<b>149</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,178</b>	<b>149</b>
<b>GRAND TOTAL . . . . .</b>	<b>1,135,149</b>	<b>114,018</b>	<b>83,959</b>	<b>12,690</b>	<b>82,383</b>	<b>2,897</b>	<b>566,900</b>	<b>31,495</b>	<b>4,564,060</b>	<b>347,187</b>

- 1/ LESS THAN 500 POUNDS OR 500 DOLLARS.  
 2/ THE CATCH OF GRAYFISH IN CALIFORNIA IS INCLUDED WITH SHARKS.

### SEED OYSTER FISHERY, 1948

ITEM	NEW ENGLAND		MIDDLE ATLANTIC		CHESAPEAKE		TOTAL	
	NUMBER	VALUE	NUMBER	VALUE	NUMBER	VALUE	NUMBER	VALUE
<b>OPERATING UNITS</b>								
<b>FISHERMEN:</b>								
ON VESSELS . . . . .	194		1,264		255		1,713	
ON BOATS AND SHORE:								
REGULAR . . . . .	-		115		1,377		1,492	
CASUAL . . . . .	-		80		30		110	
<b>TOTAL . . . . .</b>	<b>194</b>		<b>1,459</b>		<b>1,662</b>		<b>3,315</b>	
<b>VESSELS:</b>								
STEAM . . . . .	3		-		-		3	
NET TONNAGE . . . . .	437		-		-		437	
MOTOR . . . . .	25		167		34		226	
NET TONNAGE . . . . .	938		3,306		193		4,437	
SAIL . . . . .	-		-		33		33	
NET TONNAGE . . . . .	-		-		546		546	
<b>TOTAL VESSELS . . . . .</b>	<b>28</b>		<b>167</b>		<b>67</b>		<b>262</b>	
<b>TOTAL NET TONNAGE . . . . .</b>	<b>1,375</b>		<b>3,306</b>		<b>739</b>		<b>5,420</b>	
<b>BOATS:</b>								
MOTOR . . . . .	-		113		622		735	
OTHER . . . . .	-		20		341		361	
<b>APPARATUS:</b>								
DREDGES . . . . .	57		334		66		457	
YARDS AT MOUTH . . . . .	87		462		76		625	
TONGS . . . . .	-		-		85		85	
<b>CATCH</b>	<b>BUSHEL</b>	<b>VALUE</b>	<b>BUSHEL</b>	<b>VALUE</b>	<b>BUSHEL</b>	<b>VALUE</b>	<b>BUSHEL</b>	<b>VALUE</b>
<b>OYSTERS, SEED:</b>								
PUBLIC, SPRING . . . . .	-		1,743,000	\$1,743,000	2,145,426	\$861,130	3,888,426	\$2,604,130
PUBLIC, FALL . . . . .	-		-	-	1,083,375	386,645	1,083,375	386,645
PRIVATE, SPRING . . . . .	233,244	\$583,577	147,990	153,975	111,341	35,865	492,575	773,417
PRIVATE, FALL . . . . .	116,858	177,243	3,990	9,975	134,252	43,245	255,100	230,463
<b>TOTAL . . . . .</b>	<b>350,102</b>	<b>760,820</b>	<b>1,894,980</b>	<b>1,906,950</b>	<b>3,474,394</b>	<b>1,326,885</b>	<b>5,719,476</b>	<b>3,994,655</b>



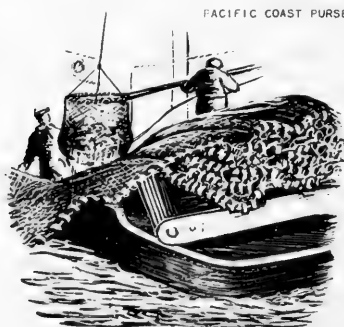
HYDRAULIC OYSTER DREDGE

## GENERAL REVIEW

## UNITED STATES AND ALASKA: CATCH BY STATES.

STATES	MARINE WATERS & COASTAL RIVERS, 1948 & 1945		MISSISSIPPI RIVER AND TRIBUTARIES, 1931		LAKES, 1948 AND 1945		TOTAL, VARIOUS YEARS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALABAMA . . .	12,556,100	\$2,157,271	1,822,153	\$32,754	-	-	14,378,253	\$2,190,025
ARKANSAS . . .	-	-	15,732,507	411,451	-	-	15,732,507	411,451
CALIFORNIA . . .	895,492,500	79,983,472	-	-	-	-	895,492,500	79,983,472
CONNECTICUT . . .	18,204,800	1,749,821	-	-	-	-	18,204,800	1,749,821
DELAWARE . . .	154,482,200	3,547,933	-	-	-	-	154,482,200	3,547,933
FLORIDA . . .	239,747,000	18,309,542	-	-	4,098,800	\$526,628	243,845,800	18,836,170
GEORGIA . . .	21,397,700	1,349,536	-	-	-	-	21,397,700	1,349,536
ILLINOIS . . .	-	-	14,262,630	367,238	1,619,700	375,527	15,882,330	742,765
INDIANA . . .	-	-	7,717,596	157,222	24,300	2,424	7,741,896	159,646
IOWA . . .	-	-	7,777,967	302,395	-	-	7,777,967	302,395
KANSAS . . .	-	-	455,421	16,673	-	-	455,421	16,673
KENTUCKY . . .	-	-	1,621,751	60,882	-	-	1,621,751	60,882
LOUISIANA . . .	209,107,900	24,381,968	19,213,368	994,374	-	-	228,321,268	25,376,342
MAINE . . .	303,504,300	16,076,969	-	-	-	-	303,504,300	16,076,969
MARYLAND . . .	54,213,400	8,220,040	-	-	-	-	54,213,400	8,220,040
MASSACHUSETTS . . .	549,675,900	46,665,387	-	-	-	-	549,675,900	46,665,387
MICHIGAN . . .	-	-	-	-	30,136,700	5,175,143	30,136,700	5,175,143
MINNESOTA . . .	-	-	3,498,280	137,656	6,168,000	548,946	9,666,280	686,602
MISSISSIPPI . . .	80,449,500	2,589,636	2,649,723	122,961	-	-	83,099,223	2,711,597
MISSOURI . . .	-	-	927,636	76,981	-	-	927,636	76,981
NEBRASKA . . .	-	-	145,310	16,253	-	-	145,310	16,253
NEW HAMPSHIRE . . .	529,700	256,156	-	-	-	-	529,700	256,156
NEW JERSEY . . .	216,803,000	10,871,685	-	-	-	-	216,803,000	10,871,685
NEW YORK . . .	129,707,000	14,222,363	-	-	1,308,900	148,131	131,015,900	14,370,494
NORTH CAROLINA . . .	198,168,800	5,495,252	-	-	-	-	198,168,800	5,495,252
OHIO . . .	-	-	185,481	7,072	21,796,100	3,339,831	21,981,581	3,346,903
OKLAHOMA . . .	-	-	39,640	4,145	-	-	39,640	4,145
OREGON . . .	87,962,300	11,461,810	-	-	-	-	87,962,300	11,461,810
PENNSYLVANIA . . .	-	-	-	-	2,533,800	522,290	2,533,800	522,290
RHODE ISLAND . . .	26,445,500	3,239,530	-	-	-	-	26,445,500	3,239,530
SOUTH CAROLINA . . .	10,855,600	899,389	-	-	-	-	10,855,600	899,389
SOUTH DAKOTA . . .	-	-	114,361	10,576	-	-	114,361	10,576
TENNESSEE . . .	-	-	3,435,069	103,915	-	-	3,435,069	103,915
TEXAS . . .	55,579,900	6,144,998	138,500	6,368	-	-	55,718,400	6,151,366
VIRGINIA . . .	310,123,000	19,384,182	-	-	-	-	310,123,000	19,384,182
WASHINGTON . . .	151,693,700	22,572,869	-	-	-	-	151,693,700	22,572,869
WISCONSIN . . .	-	-	2,645,130	68,441	20,371,500	2,577,290	23,016,630	2,645,731
ALASKA . . .	566,899,963	31,494,805	-	-	-	-	566,899,963	31,494,805
TOTAL . . .	4,343,519,763	331,073,614	82,382,523	2,897,357	88,057,800	13,216,210	4,554,060,086	347,187,181

1/ INCLUDES THE CATCH OF THE GREAT LAKES, RAINY LAKE, NAMAKAN LAKE, LAKE OF THE WOODS AND LAKE OKEECHOBEE.



BRAILING



DRYING AND MENDING

GENERAL REVIEW

UNITED STATES AND ALASKA: CATCH BY GEAR

GEAR	NEW ENGLAND, 1948		MIDDLE ATLANTIC, 1948		CHESAPEAKE, 1948	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
PURSE SEINES . . . . .	81,721,600	\$2,577,236	375,704,700	\$4,782,326	140,325,800	\$1,489,182
HAUL SEINES . . . . .	1,963,300	97,130	2,349,000	342,440	24,143,800	2,233,285
STOP SEINES . . . . .	75,769,400	1,515,626	-	-	-	-
GILL NETS . . . . .	13,776,300	715,203	5,243,200	696,854	6,732,500	793,605
LINES . . . . .	24,856,300	1,547,638	7,107,600	843,939	26,171,800	1,539,239
POUND NETS . . . . .	18,764,400	1,306,055	27,084,500	1,326,127	58,046,900	3,135,931
FLOATING TRAPS . . . . .	7,820,800	359,398	-	-	-	-
OTHER TRAPS . . . . .	18,100	3,144	-	-	52,500	1,080
WEIRS . . . . .	50,122,600	972,013	967,000	6,775	-	-
STOP NETS . . . . .	-	-	29,000	2,520	22,600	904
FYKE NETS . . . . .	34,000	3,038	490,700	39,275	3,432,500	393,775
DIP NETS . . . . .	2,567,100	57,315	34,100	6,937	292,900	59,814
BAG, DRAG AND PUSH NETS . . . . .	114,600	35,474	-	-	-	-
OTTER TRAWLS . . . . .	660,439,100	36,979,145	39,032,800	4,183,733	26,061,600	2,245,288
BEAM TRAWLS . . . . .	-	-	100,000	50,000	-	-
POTS . . . . .	21,548,200	8,489,255	2,767,200	575,869	35,384,200	2,021,737
HARPOONS . . . . .	1,282,300	400,228	44,700	24,650	-	-
SPEARS . . . . .	10,300	2,359	-	-	-	-
SCRAPES . . . . .	-	-	-	-	2,366,100	460,195
DREDGES . . . . .	16,697,300	8,632,474	24,384,300	10,773,217	21,187,800	6,190,755
TONGS . . . . .	2,815,800	961,666	9,768,700	3,385,763	17,735,300	6,136,002
RAKES . . . . .	3,737,700	654,574	2,312,800	904,036	1,035,300	475,090
FORKS . . . . .	29,200	18,000	-	-	-	-
HOES . . . . .	11,271,500	2,654,658	1,250,000	218,750	-	-
BY HAND . . . . .	20,100	6,234	2,321,900	478,760	1,344,800	428,340
TOTAL . . . . .	998,380,200	67,987,863	500,992,200	28,641,981	364,336,400	27,604,222

GEAR	SOUTH ATLANTIC AND GULF, 1948 AND 1945		PACIFIC, 1948		LAKES, 1948	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
PURSE SEINES . . . . .	447,178,300	\$4,231,121	1/575,552,700	1/\$27,966,021	-	-
HAUL SEINES . . . . .	37,836,000	3,715,063	3,942,700	644,754	5,219,000	\$367,304
GILL NETS . . . . .	56,643,000	6,503,623	2/36,655,500	2/7,883,877	40,041,500	6,044,816
TRAWL NETS . . . . .	6,891,300	932,725	(2)	(2)	3/11,700	3/3,544
LINES . . . . .	69,157,300	5,549,864	319,439,900	60,866,076	631,100	245,486
POUND NETS . . . . .	13,254,800	841,883	1,215,300	229,374	9,779,300	1,556,522
TRAP NETS . . . . .	-	-	-	-	26,332,100	4,251,112
OTHER TRAPS . . . . .	295,100	147,550	44,099,200	4,807,445	-	-
WEIRS . . . . .	-	-	396,200	16,639	-	-
STOP NETS . . . . .	3,500	210	-	-	-	-
FYKE NETS . . . . .	1,056,200	109,690	380,100	55,802	1,944,000	220,678
DIP NETS . . . . .	1,239,900	316,770	6,568,800	767,663	-	-
CAST NETS . . . . .	177,000	19,221	-	-	-	-
BAG, DRAG AND PUSH NETS . . . . .	-	-	128,400	7,781	-	-
REEF NETS . . . . .	-	-	873,400	223,125	-	-
OTTER TRAWLS . . . . .	170,079,500	29,514,985	102,725,000	6,207,496	-	-
BEAM TRAWLS . . . . .	-	-	844,700	68,991	-	-
POTS . . . . .	8,711,000	651,190	-	-	-	-
HARPOONS . . . . .	-	-	3,092,200	512,615	-	-
SPEARS . . . . .	706,500	103,547	-	-	300	120
DREDGES . . . . .	7,743,900	2,168,618	4/9,764,800	4/1,973,987	-	-
TONGS . . . . .	8,578,200	3,551,346	(4)	(4)	-	-
RAKES . . . . .	820,800	179,602	(4)	(4)	-	-
SHOVELS . . . . .	-	-	922,500	440,356	-	-
FORKS . . . . .	45,000	11,250	-	-	-	-
GRABS . . . . .	680,100	124,121	-	-	-	-
HOOKS . . . . .	77,800	290,403	-	-	-	-
BRAIL OR SCOOP NETS . . . . .	54,000	13,500	27,901,400	975,349	-	-
DIVING OUTFITS, ABALONE AND SPONGES . . . . .	203,400	2,716,414	645,700	370,900	-	-
BY HAND . . . . .	528,700	160,524	(4)	(4)	-	-
TOTAL . . . . .	831,961,300	61,853,220	1,135,148,500	114,018,151	83,959,000	12,689,582

SEE FOOTNOTES AT END OF TABLE

(CONTINUED ON NEXT PAGE)

## GENERAL REVIEW

## UNITED STATES AND ALASKA: CATCH BY GEAR - Continued

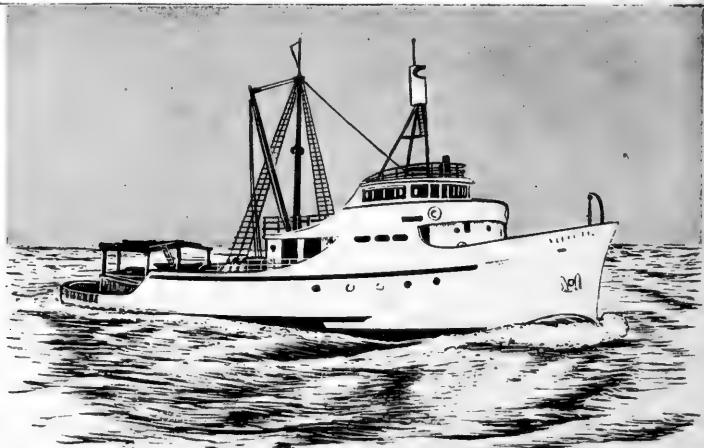
GEAR	MISSISSIPPI RIVER AND TRIBUTARIES, 1931		ALASKA, 1948		TOTAL, VARIOUS YEARS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
PURSE SEINES . . . . .	-	-	273,184,561	\$7,593,074	1,893,667,661	\$48,638,960
HAUL SEINES . . . . .	13,739,657	\$574,541	-	-	89,193,657	7,974,517
STOP SEINES . . . . .	-	-	-	-	78,769,400	1,515,626
GILL NETS . . . . .	166,598	6,547	118,122,754	6,902,105	277,381,352	29,546,640
TRAMMEL NETS . . . . .	1,134,206	75,615	-	-	8,037,206	1,011,884
LINES . . . . .	10,140,037	772,245	68,370,936	9,165,338	525,874,373	80,529,825
POUND NETS . . . . .	224,275	9,541	99,785,607	7,318,236	228,155,062	15,723,669
TRAP NETS . . . . .	-	-	-	-	26,332,100	4,251,112
FLOATING TRAPS . . . . .	-	-	-	-	7,820,800	359,398
OTHER TRAPS . . . . .	-	-	-	-	44,464,900	4,959,219
WEIRS . . . . .	-	-	-	-	51,485,800	995,427
STOP NETS . . . . .	-	-	-	-	55,100	3,634
FYKE NETS . . . . .	18,507,204	797,130	-	-	25,844,704	1,619,388
DIP NETS . . . . .	30,045	3,307	-	-	10,732,845	1,211,806
CAST NETS . . . . .	-	-	-	-	177,000	19,221
BAG, DRAG AND PUSH NETS . . . . .	-	-	-	-	243,000	43,255
REF NETS . . . . .	-	-	-	-	873,400	223,125
OTTER TRAWLS . . . . .	-	-	2,133,354	96,001	1,000,471,354	79,226,648
BEAM TRAWLS . . . . .	-	-	2,834,803	226,784	3,779,503	345,675
POTS . . . . .	310,455	26,277	1,222,326	63,217	69,943,381	11,827,545
HARPOONS . . . . .	-	-	-	-	4,419,200	937,493
SPEARS . . . . .	2,250	270	-	-	719,350	106,296
SCRAPES . . . . .	-	-	-	-	2,366,100	460,195
DREDGES . . . . .	3,699,100	40,958	-	-	83,477,200	29,780,009
CROWFOOT BARS . . . . .	20,893,550	265,443	-	-	20,893,550	265,443
TONGS . . . . .	1,601,876	21,091	-	-	40,499,876	14,055,868
RAKES . . . . .	370,130	4,029	-	-	8,276,730	2,217,331
SHOWELS . . . . .	-	-	1,238,293	129,317	2,160,793	569,673
FORKS . . . . .	4,812,737	76,214	-	-	4,886,937	105,464
HOES . . . . .	-	-	-	-	12,521,500	2,673,408
GRABS . . . . .	873,099	130,621	-	-	1,553,199	254,742
HOOKS . . . . .	-	-	-	-	77,800	290,403
BRAIL OR SCOOP NETS . . . . .	-	-	-	-	27,955,400	988,849
DIVING OUTFITS, ABALONE AND SPONGES . . . . .	-	-	-	-	849,100	3,087,314
BY HAND . . . . .	5,877,304	93,528	7,329	733	10,100,133	1,168,119
TOTAL . . . . .	82,382,523	2,897,357	566,899,963	31,494,805	4,564,050,086	347,187,181

1/ THE CATCH OF HAUL SEINES AND LAMPARA NETS IN CALIFORNIA HAS BEEN INCLUDED WITH PURSE SEINES.

2/ THE CALIFORNIA CATCH IN TRAMMEL NETS HAS BEEN INCLUDED WITH GILL NETS.

3/ INCLUDES CATCH BY BAR NETS.

4/ THE CATCH BY RAKES, TONGS, AND BY HAND HAS BEEN INCLUDED WITH DREDGES.



REFRIGERATED TUNA CLIPPER

## MANUFACTURED FISHERY PRODUCTS

The output of manufactured products (canned, cured, packaged, and byproducts) in the United States and Alaska during 1948 had an estimated value of almost 612 million dollars, making it the most valuable in history. Canned products are estimated to have accounted for 55 percent of the total; packaged shellfish, 17 percent; byproducts, 13 percent; packaged fish, 8 percent; and cured fish, 7 percent.

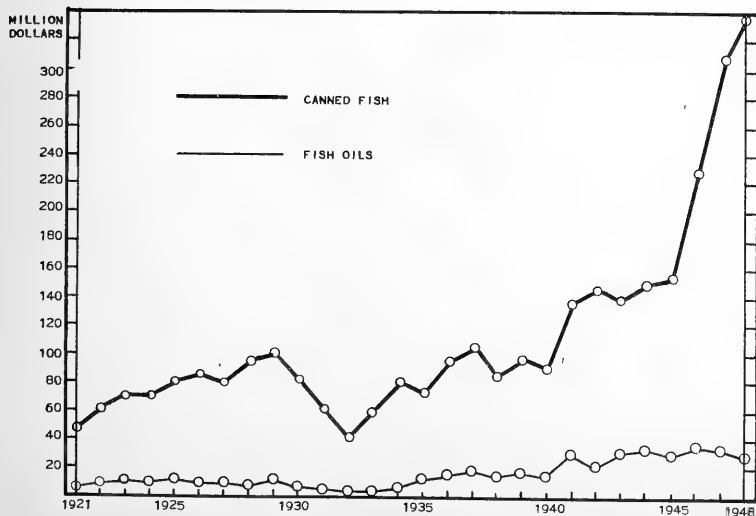
Since it was not possible to conduct a survey for data on the 1948 production of cured fishery products (salted, smoked, dried, etc.), packaged shellfish, and manufactured items produced by fishermen, the following compilation of manufactured products consists of composite data, based on the most recent statistics available. Data on the production of canned fishery products, packaged fish, and byproducts are for 1948. Statistics on the output of cured products and packaged shellfish are for 1948 in Alaska and for 1940 in all other sections, except the Mississippi River and its tributaries, which are for 1931; while data on the yield of fishermen's prepared products are for 1940 in all areas, except the Mississippi River and its tributaries, which are for 1931.

The pack of canned fishery products in 1948 totaled 782,208,321 pounds, valued at \$336,181,479 at the processors' level. This represented an increase of over 28 million pounds and 25.5 million dollars, compared with the previous year. Record packs of tuna and crab meat were canned during the year. The 1948 pack of salmon was 14 percent less than 1947, and one of the smallest in the past 35 years. The Maine pack of sardines was the second largest in history, and the California sardine pack was up 1 million cases over the previous year. The California sardine production was still far below the record packs of the pre-war days.

The quantity of meal and scrap processed (399,088,000 pounds, valued at \$23,088,734) was 7 percent greater than in 1947, while the value was 3 percent greater. The yield of fish and marine-animal oils (130,431,676 pounds, valued at \$30,982,807) was 2 percent above that of the previous year, while the value dropped 2 percent. A record production of menhaden scrap and meal occurred, while oil production from this species was the second highest on record.

Data on the production of the various products are for the years indicated.

VALUE OF CANNED FISH AND FISH OILS, 1921 - 1948



## MANUFACTURED FISHERY PRODUCTS - VARIOUS YEARS 1/

ITEM	YEAR	UNIT	BY MANUFACTURING ESTABLISHMENTS		BY FISHERMEN		
			QUANTITY	VALUE	QUANTITY	VALUE	
<b>ALEMIVES:</b>							
CANNED, NATURAL AND KIPPERED . . . . .	1948	STANDARD CASES	124,102	\$655,944	-	-	
ROE, CANNED . . . . .	1948	DO	22,658	401,416	-	-	
<b>SALTED:</b>							
ROUND . . . . .	1940	POUNDS	899,400	15,939	-	-	
CORNED . . . . .	1940	DO	5,429,450	123,287	442,100	\$8,979	
PICKLED 2/ . . . . .	1940	DO	4,851,500	176,819	80,000	2,400	
SPICED . . . . .	1940	DO	3,778,499	379,110	-	-	
TIGHT-PACK, CUT . . . . .	1940	DO	280,100	12,698	-	-	
WITH ROE . . . . .	1940	DO	62,700	3,874	-	-	
ROE . . . . .	1940	DO	-	-	1,200	204	
SMOKED, WHOLE AND FILLETS . . . . .	1940	DO	23,800	1,052	122,125	6,493	
AMBERJACK, SMOKED . . . . .	1940	DO	-	-	500	65	
<b>ANCHOVIES:</b>							
CANNED . . . . .	1948	STANDARD CASES	66,994	755,458	-	-	
MEAL . . . . .	1948	TONS	163	21,517	-	-	
OIL . . . . .	1948	GALLONS	15,407	15,320	-	-	
<b>BARRACUDA:</b>							
SALTED, DRY . . . . .	1940	POUNDS	19,465	2,433	-	-	
SMOKED . . . . .	1940	DO	1,000	200	-	-	
BLUEFISH, SMOKED . . . . .	1940	DO	-	-	300	45	
BLUE MARLIN, SMOKED . . . . .	1940	DO	-	-	300	66	
<b>BLUE PIKE:</b>							
FRESH FILLETS . . . . .	1948	DO	1,790,198	751,005	-	-	
FRESH FILLETS . . . . .	1940	DO	-	-	9,000	2,250	
FROZEN FILLETS . . . . .	1948	DO	302,115	138,159	-	-	
BLUE RUNNERS, SALTED . . . . .	1940	DO	250,000	10,000	-	-	
<b>BUFFALOFISH:</b>							
SMOKED . . . . .	1940	DO	325,000	71,200	-	-	
SMOKED . . . . .	1931	DO	25,700	3,245	-	-	
<b>BUTTERFISH:</b>							
SMOKED . . . . .	1940	DO	478,300	111,750	-	-	
SMOKED . . . . .	1931	DO	2,400	600	-	-	
<b>CARP:</b>							
SMOKED . . . . .	1940	DO	168,550	49,575	3,000	300	
SMOKED . . . . .	1931	DO	700	245	667	67	
CATFISH AND BULLHEADS, SMOKED . . . . .	1940	DO	-	-	7,800	1,560	
<b>CHUB, CISCO, AND TULLIBEE:</b>							
SMOKED . . . . .	1940	DO	5,008,672	1,549,519	103,000	30,900	
SMOKED . . . . .	1931	DO	215,200	48,010	-	-	
<b>COD:</b>							
FRESH FILLETS . . . . .	1948	DO	7,214,691	1,950,457	-	-	
FROZEN FILLETS . . . . .	1948	DO	6,664,934	1,539,505	-	-	
LIVER OIL . . . . .	1948	GALLONS	214,127	583,426	-	-	
<b>SALTED:</b>							
GREEN 2/ . . . . .	1940	POUNDS	374,802	15,685	3,202,700	136,115	
DRY (ALASKA) . . . . .	1948	DO	697,818	76,860	-	-	
DRY (UNITED STATES) . . . . .	1940	DO	2,644,732	225,800	-	-	
PICKLED . . . . .	1948	DO	5,426	421	-	-	
<b>BONELESS AND ABSOLUTELY BONELESS:</b>							
BONELESS . . . . .	1940	DO	8,574,007	1,387,954	-	-	
TONGUES (ALASKA) . . . . .	1948	DO	800	160	-	-	
TONGUES (UNITED STATES) . . . . .	1940	DO	-	-	44,395	4,763	
SMOKED, WHOLE, FILLETS AND BONELESS . . . . .	1940	DO	639,680	74,416	-	-	
<b>CROAKER, FRESH AND FROZEN SPLIT BUTTERFLY:</b>							
SMOKED . . . . .	1948	DO	26,200	9,480	-	-	
<b>CUSK:</b>							
FRESH FILLETS . . . . .	1948	DO	653,000	141,634	-	-	
FROZEN FILLETS . . . . .	1948	DO	122,672	25,435	-	-	
SALTED . . . . .	1940	DO	32,215	4,355	-	-	
SMOKED WHOLE AND FILLETS . . . . .	1940	DO	403,099	32,157	-	-	
<b>EELS, COMMON:</b>							
SALTED . . . . .	1940	DO	-	-	122,620	10,551	
SMOKED . . . . .	1940	DO	179,055	48,901	15,000	4,500	
SMOKED . . . . .	1931	DO	31,300	8,138	-	-	
<b>FLOUNDERS:</b>							
FRESH FILLETS . . . . .	1948	DO	12,600,740	4,619,803	-	-	
FROZEN FILLETS . . . . .	1948	DO	10,900,644	3,489,964	-	-	
SMOKED . . . . .	1940	DO	1,800	290	-	-	
<b>GROUPE:</b>							
FRESH AND FROZEN FILLETS . . . . .	1948	DO	235,600	87,558	-	-	
FRESH AND FROZENS STEAKS . . . . .	1948	DO	179,659	68,892	-	-	

SEE FOOTNOTES AT END OF TABLE

(CONTINUED ON NEXT PAGE)



GENERAL REVIEW

MANUFACTURED FISHRY PRODUCTS - VARIOUS YEARS 1/ - Continued

ITEM	YEAR	UNIT	BY MANUFACTURING ESTABLISHMENTS		BY FISHERMEN	
			QUANTITY	VALUE	QUANTITY	VALUE
<b>HADDOCK:</b>						
FRESH FILLETS . . . . .	1948	POUNDS	19,705,975	\$5,772,737	-	-
FROZEN FILLETS . . . . .	1948	DO	22,513,047	6,080,299	-	-
FINNAN HADDIE AND CHOWDER . . . . .	1948	STANDARD CASES	723	9,894	-	-
CANNED . . . . .	1948	POUNDS	76,115	7,143	-	-
SALTED . . . . .	1940	DO	29,200	5,808	-	-
SMOKED . . . . .	1940	DO	293,165	48,968	-	-
WHOLE . . . . .	1940	DO	577,611	66,837	-	-
FILLETS . . . . .	1940	DO			-	-
FINNAN HADDIE . . . . .	1940	DO			-	-
<b>HAKE:</b>						
FRESH FILLETS . . . . .	1948	POUNDS	1,120,264	211,916	-	-
FROZEN FILLETS . . . . .	1948	DO	867,162	127,600	-	-
<b>SALTED:</b>						
GREEN 2/ . . . . .	1940	DO	902,015	30,271	-	-
OTHER . . . . .	1940	DO	1,464,010	96,150	-	-
SMOKED FILLETS . . . . .	1940	DO	39,400	1,227	-	-
<b>HALIBUT:</b>						
FRESH FILLETS AND STEAKS . . . . .	1948	DO	29,406	10,388	-	-
FROZEN FILLETS AND STEAKS . . . . .	1948	DO	3,358,836	1,352,648	-	-
FROZEN CHEEKS . . . . .	1948	DO	5,852	1,848	-	-
SMOKED (ALASKA) . . . . .	1948	DO	101	22	-	-
SMOKED (UNITED STATES) . . . . .	1940	DO	1,500	468	-	-
<b>HERRING, LAKE:</b>						
FRESH FILLETS . . . . .	1948	DO	83,203	18,795	-	-
FROZEN FILLETS . . . . .	1948	DO	93,084	16,476	-	-
SALTED . . . . .	1940	DO	2,998,574	94,588	2,038,000	\$64,400
SMOKED . . . . .	1940	DO	1,078,397	134,462	4,000	800
<b>HERRING, SEA:</b>						
<b>CANNED:</b>						
HERRING . . . . .	1948	STANDARD CASES	326,448	2,823,994	-	-
SARDINES . . . . .	1948	DO	3,060,842	26,921,926	-	-
<b>SPECIALTY ITEMS, (SMOKED, KIPPERED AND SPREAD)</b>						
ROE . . . . .	1948	DO	8,059	133,576	-	-
MEAL . . . . .	1948	TONS	3,478	35,883	-	-
OIL . . . . .	1948	GALLONS	17,686	2,065,042	-	-
SALTED . . . . .	1948	GALLONS	3,643,537	4,004,250	-	-
<b>BRINE SALTED</b>						
PICKLED IN VINEGAR . . . . .	1940	POUNDS	421,700	15,424	-	-
SCOTCH CURED 2/ . . . . .	1940	DO	1,895,425	90,799	-	-
SPICED . . . . .	1940	DO	550,150	61,285	-	-
SMOKED . . . . .	1940	DO	1,637,869	173,251	37,000	3,700
<b>BLOATERS:</b>						
HARD . . . . .	1940	DO	623,642	78,582	-	-
SOFT . . . . .	1940	DO	8,066	403	-	-
UNCLASSIFIED . . . . .	1940	DO	70,406	6,019	-	-
BONELESS . . . . .	1940	DO	2,018,330	210,540	-	-
LENGTHWISE . . . . .	1940	DO	68,517	3,862	-	-
MEDIUM SCALE . . . . .	1940	DO	171,320	9,909	-	-
KIPPERED . . . . .	1940	DO	489,500	52,113	-	-
UNCLASSIFIED . . . . .	1940	DO	138,900	22,645	-	-
HOGCHOKER, SALTED . . . . .	1940	DO	-	-	3,000	140
WENFISH . . . . .	1940	DO	8,857	1,107	-	-
KING MACKEREL, SMOKED . . . . .	1940	DO	3,500	525	5,500	1,650
<b>LAKE TROUT:</b>						
FRESH FILLETS . . . . .	1948	DO	123,400	57,455	-	-
FROZEN FILLETS . . . . .	1948	DO	8,800	4,575	-	-
SMOKED (U.S. EXCEPT MISS. RIVER) . . . . .	1940	DO	789,771	243,842	95,400	29,120
SMOKED (MISS. RIVER) . . . . .	1931	DO	2,100	315	-	-
SALTED . . . . .	1940	DO	-	-	27,000	2,100
<b>LINGCOD:</b>						
FRESH FILLETS AND STEAKS . . . . .	1948	DO	565,121	110,541	-	-
FROZEN FILLETS . . . . .	1948	DO	719,177	155,312	-	-
FROZEN STEAKS . . . . .	1948	DO	466,773	77,003	-	-
SMOKED . . . . .	1940	DO	800	100	-	-
<b>MACKEREL:</b>						
FRESH FILLETS . . . . .	1948	DO	678,742	141,658	-	-
FROZEN FILLETS . . . . .	1948	DO	1,932,938	390,158	-	-
CANNED . . . . .	1948	STANDARD CASES	1,281,192	9,850,834	-	-
ROE, CANNED . . . . .	1948	DO	945	12,197	-	-
<b>SALTED:</b>						
SPLIT AND BRINE-SALTED . . . . .	1940	POUNDS	1,904,900	160,370	-	-
DRY, WHOLE AND FILLETS . . . . .	1940	DO	1,668,548	108,898	-	-
SMOKED, WHOLE AND FILLETS . . . . .	1940	DO	90,300	17,010	-	-

SEE FOOTNOTES AT END OF TABLE

(CONTINUED ON NEXT PAGE)

## GENERAL REVIEW

## MANUFACTURED FISHERY PRODUCTS - VARIOUS YEARS 1/ - Continued

ITEM	YEAR	UNIT	BY MANUFACTURING ESTABLISHMENTS		BY FISHERMEN	
			QUANTITY	VALUE	QUANTITY	VALUE
MOONEYE, SMOKED . . . . .	1940	POUNDS	5,000	\$600	-	-
MENHADEN:						
ROE, SALTED . . . . .	1940	DO	1,000	250	-	-
MEAL AND DRY AND ACID SCRAP . . . . .	1948	TONS	104,658	11,560,914	-	-
OIL . . . . .	1948	GALLONS	8,763,939	10,132,179	-	-
MULLET:						
SALTED . . . . .	1940	POUNDS	1,254,300	81,200	495,200	\$34,965
ROE, SALTED . . . . .	1940	DO	14,825	-	21,300	3,575
SMOKED . . . . .	1940	DO	-	-	33,100	6,765
PADDOLEFISH OR SPOONBILL CAT:						
SMOKED (U.S. EXCEPT MISS. RIVER)	1940	DO	127,500	55,850	-	-
SMOKED (MISS. RIVER) . . . . .	1931	DO	20,000	5,000	-	-
SALTED ROE . . . . .	1931	DO	-	-	1,595	812
PIKE OR PICKEREL:						
FRESH FILLETS . . . . .	1948	DO	19,499	7,060	-	-
FROZEN FILLETS . . . . .	1948	DO	7,876	2,663	-	-
PILCHARD:						
CANNED . . . . .	1948	STANDARD CASES	2,654,149	21,892,893	-	-
DRY SALTED . . . . .	1940	POUNDS	9,683	968	-	-
MEAL . . . . .	1948	TONS	19,076	2,614,616	-	-
OIL . . . . .	1948	GALLONS	2,328,572	2,457,858	-	-
POLLOCK:						
FRESH FILLETS . . . . .	1948	POUNDS	2,247,688	323,695	-	-
FROZEN FILLETS . . . . .	1948	DO	8,953,380	1,319,390	-	-
SALTED:						
GREEN 2/ . . . . .	1940	DO	184,772	5,665	4,100	110
DRY WHOLE . . . . .	1940	DO	262,335	12,059	-	-
SMOKED . . . . .	1940	DO	40,000	960	-	-
ROCKFISHES:						
FRESH FILLETS . . . . .	1948	DO	2,387,947	428,909	-	-
FROZEN FILLETS . . . . .	1948	DO	2,512,105	465,725	-	-
ROSEFISH (OCEAN PERCH):						
FRESH FILLETS . . . . .	1948	DO	686,890	153,676	-	-
FROZEN FILLETS . . . . .	1948	DO	67,008,875	14,254,219	-	-
SABLEFISH:						
FRESH FILLETS . . . . .	1948	DO	3,994	625	-	-
FROZEN FILLETS AND STEAKS . . . . .	1948	DO	67,992	14,173	-	-
SALTED (ALASKA) . . . . .	1948	DO	108,859	14,477	-	-
SALTED (UNITED STATES) . . . . .	1940	DO	59,090	3,281	122,200	6,721
KIPPERED OR SMOKED (ALASKA) . . . . .	1948	DO	822	411	-	-
KIPPERED OR SMOKED (U.S. EX. MISS. R.)	1940	DO	1,145,864	265,885	-	-
KIPPERED OR SMOKED (MISS. RIVER)	1931	DO	30,000	10,500	-	-
SALFISH, SMOKED . . . . .	1940	DO	-	-	10,200	2,142
SALMON:						
FRESH FILLETS AND STEAKS . . . . .	1948	DO	240,482	79,173	-	-
FROZEN FILLETS . . . . .	1948	DO	106,820	53,316	-	-
FROZEN STEAKS . . . . .	1948	DO	1,569,091	709,240	-	-
CANNED:						
CHINOOK OR KING . . . . .	1948	STANDARD CASES	339,225	11,757,827	-	-
CHUM OR KETA . . . . .	1948	DO	1,058,046	21,215,721	-	-
PINK . . . . .	1948	DO	1,308,960	29,658,633	-	-
RED OR SOCKEYE . . . . .	1948	DO	1,737,809	47,616,589	-	-
SILVER OR COHO . . . . .	1948	DO	359,960	9,603,043	-	-
STEELHEAD . . . . .	1948	DO	20,956	680,383	-	-
TOTAL CANNED SALMON . . . . .		DO	4,824,966	120,537,196	-	-
SMOKED . . . . .	1948	DO	172	8,454	-	-
EGGS FOR BAIT . . . . .	1948	DO	7,539	160,756	-	-
SPECIALTY PACKS (CAVIAR):						
SPREAD, AND WITH CHEESE . . . . .	1948	DO	1,665	55,836	-	-
MEAL . . . . .	1948	TONS	1,152	112,223	-	-
OIL:						
EDIBLE . . . . .	1948	GALLONS	22,065	77,228	-	-
INDUSTRIAL . . . . .	1948	DO	94,331	92,450	-	-
SALTED:						
HARD (ALASKA) . . . . .	1948	POUNDS	54,100	17,290	-	-
HARD (UNITED STATES) . . . . .	1940	DO	28,000	4,200	-	-
MILD-CURED (ALASKA) . . . . .	1948	DO	4,277,212	1,787,900	-	-
MILD-CURED (UNITED STATES) . . . . .	1940	DO	4,290,510	886,341	-	-
EGGS FOR CAVIAR . . . . .	1940	DO	291,518	26,856	-	-
BELLIES . . . . .	1940	DO	7,600	520	-	-
SMOKED:						
WHOLE AND FILLETS (ALASKA) . . . . .	1948	DO	2,464	1,602	-	-
WHOLE (U.S. EXCEPT MISS. RIVER)	1940	DO	8,113,086	2,770,962	-	-
WHOLE (MISS. RIVER) . . . . .	1931	DO	312,400	71,730	-	-
KIPPERED . . . . .	1940	DO	2,543,104	721,048	-	-

SEE FOOTNOTES AT END OF TABLE

(CONTINUED ON NEXT PAGE)

MANUFACTURED FISHERY PRODUCTS - VARIOUS YEARS 1/ - Continued

ITEM		BY MANUFACTURING ESTABLISHMENTS		BY FISHERMEN	
YEAR	UNIT	QUANTITY	VALUE	QUANTITY	VALUE
SAUGER:					
FRESH FILLETS . . . . .	1948	POUNDS	694,929	\$308,024	-
FROZEN FILLETS . . . . .	1948	DO	91,997	44,979	-
SEA BASS:					
FRESH AND FROZEN FILLETS AND STEAKS . . . . .	1948	DO	84,000	28,780	-
DRY, SALTED . . . . .	1940	DO	11,531	1,441	-
SEA CATFISH, FRESH PAN DRESSED . . . . .	1940	DO	-	-	20,000
SEA TROUT, GRAY:					
FRESH FILLETS . . . . .	1948	DO	204,400	62,636	-
FROZEN FILLETS . . . . .	1948	DO	166,164	48,818	-
SALTED . . . . .	1940	DO	3,000	649	-
SHAD:					
CANNED . . . . .	1948	STANDARD CASES	14,773	136,851	-
ROE, CANNED . . . . .	1948	DO	3,075	208,079	-
SMOKED . . . . .	1940	POUNDS	127,400	25,344	-
SHARK:					
MEAL . . . . .	1948	TONS	106	11,178	-
OIL, LIVER . . . . .	1948	GALLONS	434,010	6,315,232	50
SHEEPSHEAD, SMOKED (U.S. EX. MISS. R.) . . . . .	1940	POUNDS	8,000	1,000	15,600
SHEEPSHEAD, SMOKED (MISS. RIVER). . . . .	1931	DO	-	-	617
SMELT, FRESH AND FROZEN FILLETS . . . . .	1948	DO	19,792	2,828	-
SNAPPER, RED, FRESH AND FROZEN STEAKS . . . . .	1948	DO	86,248	43,877	-
SPANISH MACKEREL:					
FRESH FILLETS . . . . .	1948	DO	61,200	28,018	-
FROZEN FILLETS . . . . .	1948	DO	125,745	36,667	-
SPOT, SALTED . . . . .	1940	DO	159,400	9,580	226,000
STURGEON:					
CANNED, SMOKED AND KIPPERED . . . . .	1948	STANDARD CASES	788	56,393	-
SMOKED AND KIPPERED (U.S. EX. MISS. R.) . . . . .	1940	POUNDS	530,588	410,599	-
SMOKED AND KIPPERED (MISS. RIVER) . . . . .	1931	DO	183,300	46,595	1,393
ROE, SALTED . . . . .	1940	DO	-	120	28
ROE, SALTED . . . . .	1931	DO	-	-	35
SUCKERS, SMOKED . . . . .	1940	DO	-	-	2,000
WORDFISH, FROZEN STEAKS . . . . .	1948	DO	25,433	18,432	150
THIMBLE-EYED MACKEREL, SMOKED . . . . .	1940	DO	100	20	-
TUNA AND TUNALIKE FISHES:					
CANNED:					
ALBACORE . . . . .	1948	STANDARD CASES	1,299,243	24,559,318	-
YELLOWFIN . . . . .	1948	DO	4,017,953	62,352,835	-
BLUEFIN . . . . .	1948	DO	148,778	2,378,079	-
SKIPJACK . . . . .	1948	DO	1,050,438	16,295,504	-
BONITO . . . . .	1948	DO	185,363	2,392,346	-
YELLOWTAIL . . . . .	1948	DO	188,776	2,238,982	-
MIXED SPECIES . . . . .	1948	DO	58,040	852,724	-
TONNO . . . . .	1948	DO	89,167	1,542,508	-
TOTAL TUNA AND TUNALIKE FISHES . . . . .		DO	7,037,758	112,612,296	-
FRESH AND FROZEN FILLETS AND STEAKS . . . . .	1948	POUNDS	353,150	52,960	-
OIL, LIVER . . . . .	1948	GALLONS	25,459	1,094,241	-
SALTED, DRY . . . . .	1940	POUNDS	140,828	17,513	-
SMOKED OR KIPPERED . . . . .	1940	DO	1,518	339	-
AHOO, SMOKED . . . . .	1940	DO	-	-	300
HALE:					
MEAT . . . . .	1948	TONS	69	5,420	-
BONE . . . . .	1948	DO	60	3,000	-
OIL:					
SPERM . . . . .	1948	GALLONS	62,332	66,071	-
OTHER . . . . .	1948	DO	57,757	64,146	-
WHITE BASS, FRESH AND FROZEN FILLETS . . . . .	1948	POUNDS	3,778	1,830	-
WHITEFISH, COMMON:					
FRESH FILLETS . . . . .	1948	DO	220,470	109,012	-
FROZEN FILLETS . . . . .	1948	DO	4,300	2,050	-
CANNED CAVIAR . . . . .	1948	STANDARD CASES	2,389	107,710	-
SMOKED (U.S. EXCEPT MISS. RIVER) . . . . .	1940	POUNDS	2,347,669	817,368	18,400
SMOKED (MISS. RIVER) . . . . .	1931	DO	275,000	52,200	-
WHITEFISH, MENOMINEE, SMOKED . . . . .	1940	DO	10,000	2,500	6,000

SEE FOOTNOTES AT END OF TABLE

(CONTINUED ON NEXT PAGE)

## MANUFACTURED FISHERY PRODUCTS - VARIOUS YEARS 1/ - Continued

ITEM	YEAR	UNIT	BY MANUFACTURING ESTABLISHMENTS		BY FISHERMEN		
			QUANTITY	VALUE	QUANTITY	VALUE	
WHITING:							
FRESH FILLETS . . . . .	1948	POUNDS	85,250	\$10,278	-	-	
FROZEN FILLETS . . . . .	1948	DO	1,010,893	152,795	-	-	
FRESH SPLIT BUTTERFLY . . . . .	1948	DO	29,800	4,430	-	-	
FROZEN SPLIT BUTTERFLY . . . . .	1948	DO	3,996,420	616,251	-	-	
TOTAL PACKAGED WHITING . . . . .	1948	DO	5,122,363	783,754	-	-	
SMOKED . . . . .							
1940	DO	131,500	19,725	-	-		
WOLFFISH:							
FRESH FILLETS . . . . .	1948	DO	66,480	18,598	-	-	
FROZEN FILLETS . . . . .	1948	DO	148,474	46,402	-	-	
YELLOW PERCH:							
FRESH FILLETS . . . . .	1948	DO	424,978	231,207	-	-	
FROZEN FILLETS . . . . .	1948	DO	37,396	20,101	-	-	
FRESH FILLETS . . . . .	1940	DO	-	-	9,000	\$2,250	
SMOKED . . . . .	1940	DO	-	-	600	150	
YELLOW PIKE:							
FRESH FILLETS . . . . .	1948	DO	619,501	318,825	-	-	
FROZEN FILLETS . . . . .	1948	DO	32,690	17,512	-	-	
FRESH FILLETS . . . . .	1940	DO	-	-	21,000	5,250	
SMOKED . . . . .	1940	DO	-	-	600	150	
ABALONE STEAKS . . . . .	1940	DO	333,991	126,716	-	-	
CLAMS:							
HARD:							
CANNED:							
WHOLE . . . . .	1948	STANDARD CASES	9,204	97,774	-	-	
MINCED . . . . .	1948	DO	19,881	177,133	-	-	
CHOWDER . . . . .	1948	DO	831,887	5,322,225	-	-	
JUICE, BROTH AND NECTAR . . . . .	1948	DO	8,172	32,726	-	-	
FRESH-SHUCKED [UNITED STATES] . . . . .	1940	GALLONS	138,691	170,226	35,611	34,129	
FROZEN-SHUCKED (ALASKA) . . . . .	1948	POUNDS	6,111	1,588	-	-	
RAZOR:							
CANNED:							
WHOLE . . . . .	1948	STANDARD CASES	494	8,063	-	-	
MINCED . . . . .	1948	DO	36,438	647,651	-	-	
FRESH SHUCKED, (UNITED STATES) . . . . .	1940	GALLONS	-	-	29,450	11,952	
FROZEN SHUCKED (ALASKA) . . . . .	1948	POUNDS	15,466	4,007	-	-	
SOFT:							
CANNED:							
WHOLE AND MINCED . . . . .	1948	STANDARD CASES	107,177	1,098,863	-	-	
CHOWDER, JUICE, BROTH AND NECTAR . . . . .	1948	DO	166,521	945,204	-	-	
FRESH-SHUCKED . . . . .	1940	GALLONS	402,742	611,114	6,777	9,166	
STEAMED-MEATS . . . . .	1940	POUNDS	-	-	117,074	11,603	
SOUSED, PICKLED . . . . .	1940	GALLONS	-	-	-	75	
SURF, FRESH-SHUCKED . . . . .	1940	DO	9,080	11,132	468,400	181,744	
MIXED, FRESH-SHUCKED . . . . .	1940	DO	-	-	1,193	1,551	
CRABS:							
BLUE, HARD:							
CANNED . . . . .	1948	STANDARD CASES	33,382	581,872	-	-	
MEAL AND SCRAP . . . . .	1948	TONS	5,151	266,761	-	-	
FRESH-COOKED MEAT . . . . .	1940	POUNDS	7,197,691	2,456,818	3,900	1,117	
DUNGENESS:							
CANNED . . . . .	1948	STANDARD CASES	169,798	3,820,622	-	-	
FRESH-COOKED MEAT (ALASKA) . . . . .	1948	POUNDS	119,863	99,313	-	-	
FRESH-COOKED MEAT (UNITED STATES) . . . . .	1940	DO	1,380,318	412,437	5,176	1,553	
FRESH-COOKED MEAT, FROZEN (ALASKA) . . . . .	1948	DO	5,615	5,815	-	-	
KING:							
CANNED . . . . .	1948	STANDARD CASES	17,622	444,000	-	-	
FRESH-COOKED MEAT . . . . .	1948	POUNDS	46,980	48,000	-	-	
FROZEN COOKED MEAT . . . . .	1948	DO	118,499	145,011	-	-	
ROCK, FRESH-COOKED MEAT . . . . .	1940	DO	295,694	107,881	3,000	1,000	
MORSESHOE CRAB, MEAL . . . . .	1940	TONS	-	-	63	2,474	
LOBSTERS:							
NORTHERN, FRESH-COOKED MEAT . . . . .	1940	POUNDS	277,500	315,182	2,250	2,512	
SPINY . . . . .	1940	DO	49,000	16,400	-	-	
MUSSELS, STEAMED, SHUCKED . . . . .	1940	DO	901,978	187,354	-	-	
MUSSEL-SHELL PRODUCTS:							
BUTTONS . . . . .	1948	GROSS	6,810,135	5,396,511	-	-	
POULTRY FEED . . . . .	1948	TONS	-	8,522	-	-	
LIME . . . . .	1948	DO	1,368	3,678	-	-	
CHIPS, SHELLS AND NOVELTIES . . . . .	1948	-	-	38,410	-	-	

SEE FOOTNOTES AT END OF TABLE

(CONTINUED ON NEXT PAGE)

## MANUFACTURED FISHERY PRODUCTS - VARIOUS YEARS 1/ - Continued

ITEM			BY MANUFACTURING ESTABLISHMENTS		BY FISHERMEN	
	YEAR	UNIT	QUANTITY	VALUE	QUANTITY	VALUE
OYSTERS:						
EASTERN:						
CANNED:						
NATURAL . . . . .	1948	STANDARD CASES	273,591	\$3,482,616	-	-
SOUP, STEW AND SMOKED . . . . .	1948	DO	813	21,372	-	-
FRESH-SHUCKED . . . . .	1940	GALLONS	6,506,292	8,722,971	24,031	\$30,610
SHELL PRODUCTS:						
POULTRY FEED:						
LIME, BURNED AND UNBURNED . . . . .	1948	DO	44,099	304,006	-	-
PACIFIC:						
CANNED:						
NATURAL . . . . .	1948	STANDARD CASES	83,489	1,294,915	-	-
SMOKED, STEWED, COCKTAILS . . . . .	1948	DO	2,976	118,984	-	-
FRESH-SHUCKED (ALASKA) . . . . .	1948	GALLONS	117	684	-	-
FRESH-SHUCKED (UNITED STATES) . . . . .	1940	DO	478,402	599,661	-	-
SHELL PRODUCTS (INCLUDES SMALL AMOUNTS OF CLAM SHELL)						
POULTRY FEED . . . . .	1948	TONS	21,586	207,971	-	-
LIME, UNBURNED . . . . .	1948	DO	4,406	29,781	-	-
WESTERN OR NATIVE, SHUCKED . . . . .	1940	GALLONS	28,167	215,786	-	-
SCALLOPS:						
BAY, FRESH-SHUCKED . . . . .	1940	DO	23,088	65,369	131,042	428,205
SEA, FRESH-SHUCKED . . . . .	1940	DO	-	-	926,174	1,181,019
SHRIMP:						
CANNED:						
REGULAR WET PACK . . . . .	1948	STANDARD CASES	558,870	7,791,313	-	-
SPECIALTIES . . . . .	1948	DO	2,594	95,538	-	-
PACKAGED, FRESH OR FROZEN (ALASKA) . . . . .	1948	POUNDS	493,271	523,750	-	-
PACKAGED, FRESH OR FROZEN (U.S.) . . . . .	1940	DO	15,620,399	2,302,921	-	-
SUN DRIED . . . . .	1940	DO	1,930,400	326,416	138,722	34,680
SMOKED . . . . .	1940	DO	-	-	500	250
MEAL OR BRAN . . . . .	1948	TONS	724	49,016	-	-
BRAN . . . . .	1940	DO	-	-	131	2,620
SQUID, CANNED . . . . .	1948	STANDARD CASES	349,799	1,373,810	-	-
TERRAPIN AND TURTLES:						
CANNED:						
MEAT . . . . .	1948	DO	940	30,899	-	-
SOUP AND STEW . . . . .	1948	DO	11,820	138,754	-	-
MISCELLANEOUS:						
CANNED:						
ANIMAL FOOD . . . . .	1948	DO	1,323,808	6,971,003	-	-
FISH CAKES . . . . .	1948	DO	192,357	2,425,550	-	-
FISH SPECIALTIES 3/ . . . . .	1948	DO	43,417	1,024,604	-	-
FISH FLAKES, GROUND FISH . . . . .	1948	DO	35,014	548,113	-	-
SHELL FISH SPECIALTIES 4/ . . . . .	1948	DO	11,458	310,289	-	-
PACKAGED FISH, FRESH OR FROZEN 5/ . . . . .						
FROZEN 5/ . . . . .	1948	POUNDS	2,131,483	320,207	-	-
PICKLED TONGUES AND SOUNDS . . . . .	1940	DO	17,900	1,613	-	-
ALLIGATOR HIDES . . . . .	1931	DO	-	-	88,356	7,363
BUTTONS, MARINE-SHELL . . . . .	1948	GROSS	4,974,073	8,587,011	-	-
FISH SOLUBLES . . . . .	1948	POUNDS	32,117,494	1,471,723	-	-
GLUE, LIQUID . . . . .	1948	GALLONS	215,400	502,001	-	-
MEAL:						
FUR SEAL . . . . .	1948	TONS	341	36,996	-	-
GROUND FISH (WHITE FISH) INCLUDING ROSEFISH . . . . .						
TUNA AND MACKEREL . . . . .	1948	DO	21,780	2,872,544	-	-
MISCELLANEOUS MEAL AND SCRAP 6/ . . . . .	1948	DO	21,305	2,757,778	-	-
OIL:						
BODY:						
FUR SEAL . . . . .	1948	GALLONS	47,711	42,484	-	-
TUNA AND MACKEREL . . . . .	1948	DO	660,515	622,110	-	-
MISCELLANEOUS 7/ . . . . .	1948	DO	647,308	901,059	-	-
LIVER AND VISCERA 8/ . . . . .	1948	DO	66,541	4,514,753	-	-
OTHER BYPRODUCTS 9/ . . . . .	1948	-	-	7,311,694	-	-
TOTAL . . . . .			-	495,577,108	-	2,343,798

(CONTINUED ON NEXT PAGE)

SEE FOOTNOTES AT END OF TABLE

## GENERAL REVIEW

MANUFACTURED FISHERY PRODUCTS - VARIOUS YEARS <sup>1/</sup> - Continued

ITEM	YEAR	UNIT	BY MANUFACTURING ESTABLISHMENTS		BY FISHERMEN	
			QUANTITY	VALUE	QUANTITY	VALUE
SUMMARY 1948						
CANNED PRODUCTS . . . . .	1948	POUNDS	782,208,321	\$336,181,479	-	-
PACKAGED PRODUCTS:						
FISH, FRESH OR FROZEN (FILLETS, STEAKS, ETC.) . . . . .	1948	DO	189,499,843	47,708,883	-	-
SHELLFISH (ALASKA PRODUCTION) . . . . .	1948	DO	806,831	828,167	-	-
CURED PRODUCTS:						
SALTED, DRIED, OR PICKLED (ALASKA PRODUCTION) . . . . .	1948	DO	5,694,364	1,958,393	-	-
SMOKED (ALASKA PRODUCTION) . . . . .	1948	DO	3,387	2,035	-	-
BYPRODUCTS:						
MEAL AND SCRAP . . . . .	1948	DO	399,088,000	23,088,734	-	-
OIL . . . . .	1948	DO	130,453,725	30,982,807	-	-
SHELL PRODUCTS:						
LIME AND POULTRY FEED . . . . .	1948	DO	694,590,000	2,486,692	-	-
BUTTONS AND MISCELLANEOUS SHELL PRODUCTS . . . . .	1948	-	-	14,021,932	-	-
FISH SOLUBLES . . . . .	1948	POUNDS	32,117,494	1,471,723	-	-
OTHER . . . . .	1948	-	-	7,813,735	-	-
TOTAL . . . . .	1948		-	466,544,580	-	-
SUMMARY 1940						
PACKAGED PRODUCTS:						
FISH, FRESH OR FROZEN . . . . .	1940	POUNDS	-	-	59,000	\$11,150
SHELLFISH, FRESH OR FROZEN . . . . .	1940	DO	94,349,263	16,648,384	14,330,989	1,896,561
CURED PRODUCTS:						
SALTED, DRIED AND PICKLED . . . . .	1940	DO	46,955,410	4,203,046	6,968,565	324,041
SMOKED AND KIPPERED . . . . .	1940	DO	28,868,886	7,934,520	480,725	98,181
MEAL AND SCRAP . . . . .	1940	DO	-	-	388,000	5,094
OIL . . . . .	1940	DO	-	-	387	20
TOTAL . . . . .	1940		-	28,785,950	-	2,335,047
SUMMARY 1931						
CURED PRODUCTS:						
SALTED . . . . .	1931	POUNDS	-	-	1,630	844
SMOKED . . . . .	1931	DO	1,098,100	246,578	2,617	544
ALLIGATOR HIDES . . . . .	1931	DO	-	-	88,356	7,363
TOTAL . . . . .	1931		-	246,578	-	8,751
GRAND TOTAL . . . . .			-	495,577,108	-	2,343,798

1/ DATA ON THE PRODUCTION OF THE VARIOUS PRODUCTS ARE FOR THE YEARS INDICATED.

2/ THIS IS USUALLY AN INTERMEDIATE PRODUCT AND ALTHOUGH SHOWN IN THE TOTAL MAY ALSO BE SHOWN IN ITS FINAL STAGE OF PROCESSING ELSEWHERE IN THE TABLE.

3/ FISH SPECIALTIES INCLUDE SMOKED CARP FLAKES, JELLIED EELS, MULLET, RED DRUM, KIPPERED SABLEFISH FILLETS, SMOKED SHAD, SPANISH MACKEREL, TUNAFISH FRANKFURTERS, WHITING; ROE OF CARP, MENHADEN, POLLOCK, YELLOWTAIL, STURGEON, TROUT, AND UNCLASSIFIED FISH; FISH CHOWDER AND FISH PASTE.

4/ SHELLFISH SPECIALTIES INCLUDE CLAM CAKES AND LOAF, CONCHOS, CRAB BISQUE AND GUMBO, DEVILED CRAB AND CRAB COCKTAILS, SOFT SHELL CRABS, FROG LEGS, LOBSTER SOUPS AND STEWS, AND MISCELLANEOUS SOUPS AND STEWS.

5/ PACKAGED FISH, FRESH OR FROZEN, INCLUDES FILLETS OR STEAKS OF CARP, HERRING, KINGFISH, OCEAN POUT, PERCH, RED DRUM, SUCKERS, SHARK, SHEEPSHEAD, STRIPED BASS, STURGEON, TAUTOG, TILEFISH, WHITEBAIT, AND UNCLASSIFIED.

6/ MISCELLANEOUS MEAL AND SCRAP INCLUDES ALEWIFE, COD LIVER PRESS CAKE, FISH POMACE, HORSESHOE AND DUNGENESS CRAB, LOBSTER AND UNCLASSIFIED.

7/ MISCELLANEOUS BODY OILS INCLUDE ALEWIFE, BLACKFISH, ROSEFISH, AND UNCLASSIFIED.

8/ MISCELLANEOUS LIVER AND VISCERA OILS INCLUDE BURBOT, HALIBUT, LINGCOD, ROCKFISH, SABLEFISH, SWORDFISH AND UNCLASSIFIED.

9/ OTHER BYPRODUCTS INCLUDE THE PRODUCTION OF AGAR-AGAR, IRISH MOSS, ISINGLASS, KELP PRODUCTS, PEARL ESSENCE, FISH CHUM FOR BAIT, HOMOGENIZED CONDENSED FISH, AND CRAB SHELLS FOR TABLE USE.

NOTE--SOME OF THE ABOVE PRODUCTS MAY HAVE BEEN MANUFACTURED FROM RAW PRODUCTS IMPORTED FROM ANOTHER COUNTRY; THEREFORE THEY CANNOT BE CORRELATED DIRECTLY WITH THE CATCH WITHIN THE UNITED STATES AND ALASKA. THE LIME AND POULTRY FEED MANUFACTURED FROM SHELL PRODUCTS WAS PRODUCED FROM OYSTER AND CLAM SHELLS WHICH ARE NOT INCLUDED IN THE CATCH STATISTICS FOR THESE SHELLFISH.



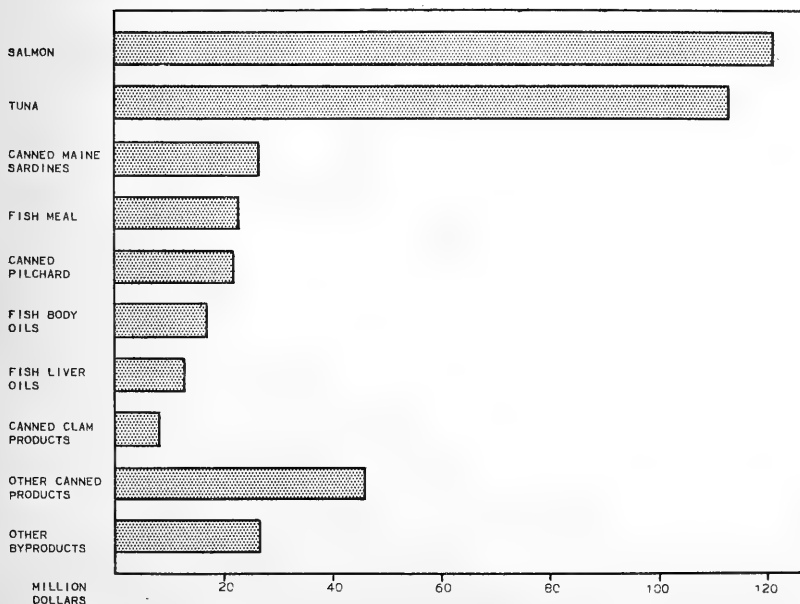
## CANNED FISHERY PRODUCTS AND BYPRODUCTS

Canned fishery products and byproducts, valued at \$416,047,102, were produced in Alaska and the United States during 1948. This was an increase of 6 percent compared with the previous year, and 235 percent above the average yearly value for the period from 1935 to 1939 inclusive. Canned products accounted for \$336,181,479 of the total value, and byproducts, \$79,865,623. The gain in value resulted from increased production of canned fish, as the value of byproducts was \$726,704 less than in 1947. The total poundage of canned fish and shellfish produced during the year amounted to 782,208,321 pounds. This was an increase of over 28 million pounds compared with the previous year. Canned fishery products were packed in 489 plants during 1948, while byproducts were produced in 298 plants. The total number of plants producing these products, exclusive of duplication, was 711.

Record packs of tuna and crab meat were canned during the year. The pack of tuna, which amounted to 7,037,758 cases, exceeded the 1947 production by over 1,100,000 cases. This was the fourth successive year in which record tuna packs were canned. The 1948 pack of canned crab meat, which totaled 220,802 standard cases, exceeded the previous record established in 1946 by 21,724 cases. Eighty-five percent of the 1948 crab pack consisted of Dungeness and king crab meat canned in the Pacific Coast States and Alaska.

The production of fish meal amounted to 199,544 tons, and that of fish oil, excluding fish liver oils, amounted to 16,343,474 gallons. These yields were far below the record 243,778 tons of meal and 39,550,418 gallons of oil produced in 1936. The yield of menhaden scrap and meal, which totaled 104,058 tons in 1948 was the largest in the history of the fishery. The reduced production of meal and oil resulted from the continued failure of the Pacific pilchard fishery. The catch of these fish, which are used for both canning and reduction, amounted to 373,000,000 pounds, over 100,000,000 pounds above the low 1947 yield, but only 30 percent of the average catch during the period of peak production from 1935 to 1939 inclusive.

VALUE OF THE PRODUCTION OF CANNED FISHERY PRODUCTS AND BYPRODUCTS, 1948



## SUMMARY OF PRODUCTION, 1948

PRODUCT	NUMBER OF PLANTS	STANDARD CASES	POUNDS PER CASE	POUNDS	VALUE
<b>CANNED PRODUCTS:</b>					
<b>SALMON:</b>					
UNITED STATES . . . . .	53	810,075	48	38,883,600	\$24,008,466
ALASKA . . . . .	123	4,014,891	48	192,714,768	96,528,730
TOTAL SALMON . . . . .	176	4,824,966		231,598,368	120,537,196
<b>SARDINES:</b>					
MAINE . . . . .	47	3,060,842	20.3	62,135,093	26,921,926
CALIFORNIA . . . . .	54	2,654,149	45	119,436,705	21,892,899
<b>TUNA AND TUNALIKE FISHES:</b>					
SOLID MEAT . . . . .	63	4,334,103	21	91,016,163	73,276,727
FLAKES AND GRATED . . . . .	55	2,703,655	18	48,665,790	39,335,569
TOTAL TUNA . . . . .	65	7,037,758		139,681,953	112,612,296
<b>ALBINO:</b>					
ALEWIVES . . . . .	19	123,134	45	5,541,030	639,356
ANCHOVIES . . . . .	23	66,994	48	3,215,712	755,458
HERRING, SEA . . . . .	35	326,448	45	14,690,160	2,823,994
MACKEREL (INCLUDING JACK MACKEREL) . . . . .	68	1,281,192	45	57,653,640	9,850,834
SALMON, SMOKED . . . . .	5	172	48	8,256	8,454
SHAD . . . . .	20	14,773	45	664,785	136,851
FISH ANIMAL FOOD . . . . .	16	1,323,808	48	63,542,784	6,971,093
FISH CAKES . . . . .	10	192,357	48	9,233,136	2,425,550
FISH FLAKES, GROUND FISH . . . . .	8	35,014	42	1,470,588	548,113
FISH SPREAD AND PASTE . . . . .	4	895	48	42,960	16,878
FISH, SMOKED OR KIPPERED . . . . .	11	9,759	48	468,432	208,717
FISH, MISCELLANEOUS . . . . .	9	34,421	48	1,652,208	524,017
<b>ROE AND CAVIAR:</b>					
ALEWIFE . . . . .	30	22,658	48	1,087,584	401,416
DEEP-SEA ROE . . . . .	3	5,629	48	270,192	84,173
HERRING ROE . . . . .	3	3,478	48	166,944	35,883
MACKEREL ROE . . . . .	4	945	48	45,360	12,197
SHAD ROE . . . . .	13	3,075	48	147,600	208,079
SALMON EGGS (FOR BAIT) . . . . .	6	7,539	48	361,872	160,756
MISCELLANEOUS ROE . . . . .	3	2,606	48	125,088	45,466
WHITEFISH CAVIAR . . . . .	5	2,389	48	114,672	107,710
MISCELLANEOUS CAVIAR . . . . .	3	2,310	48	110,880	417,640
TOTAL ROE AND CAVIAR . . . . .	59	50,629		2,430,192	1,473,320
<b>TOTAL FISH PRODUCTS . . . . .</b>					
		21,037,311		713,466,002	308,346,956
<b>CLAM PRODUCTS:</b>					
WHOLE AND MINCED . . . . .	36	173,194	15	2,597,910	2,029,484
CHOWDER, JUICE, BROTH AND NECTAR . . . . .	20	1,006,580	30	30,197,400	6,300,155
CRABS, NATURAL . . . . .	53	220,802	19.5	4,305,639	4,846,494
CRABS, MISCELLANEOUS PREPARATIONS . . . . .	6	3,352	48	160,896	102,372
LOBSTER BISQUE, NEWBERG, SOUP, AND STEW . . . . .	3	5,284	48	253,632	146,873
<b>OYSTERS:</b>					
NATURAL . . . . .	48	357,080	14	4,999,120	4,777,531
SMOKED . . . . .	4	1,036	48	49,728	82,452
MISCELLANEOUS PREPARATIONS . . . . .	8	2,753	48	132,144	57,904
SHRIMP, WET PACK . . . . .	57	558,870	15	8,383,050	7,791,313
SHRIMP, MISCELLANEOUS PREPARATIONS . . . . .	9	2,594	48	124,512	95,538
SQUID . . . . .	20	349,799	48	16,790,352	1,373,810
<b>TERRAPIN AND TURTLE:</b>					
MEAT . . . . .	4	940	48	45,120	30,899
SOUP AND STEW . . . . .	7	11,820	48	567,360	138,754
SHELLFISH, MISCELLANEOUS . . . . .	7	2,822	48	135,456	61,044
TOTAL SHELLFISH . . . . .		2,696,926		69,742,319	27,834,623
<b>TOTAL CANNED . . . . .</b>					
	489	23,734,237		782,208,321	336,181,479
<b>BYPRODUCTS:</b>					
MARINE-ANIMAL SCRAP AND MEAL . . . . .	194		UNIT	QUANTITY	VALUE
MARINE-ANIMAL OILS:			TONS	199,544	23,088,734
WHOLE FISH AND WASTE . . . . .	134		GALLONS	16,343,474	18,475,155
LIVER . . . . .	27		DO	740,137	12,507,652
OYSTER AND MARINE CLAM-SHELL PRODUCTS . . . . .	25		TONS	345,075	2,474,492
FRESH WATER MUSSEL-SHELL PRODUCTS . . . . .	18		--	--	5,447,121
MARINE PEARL-SHELL BUTTONS . . . . .	24		GROSS	4,974,073	8,587,011
LIQUID GLUE . . . . .	5		GALLONS	215,400	502,041
FISH SOLUBLES . . . . .	12		POUNDS	32,117,494	1,471,723
MISCELLANEOUS BYPRODUCTS . . . . .	17		--	--	7,311,694
TOTAL BYPRODUCTS . . . . .	278		--	--	79,865,623
<b>GRAND TOTAL . . . . .</b>					
	3/ 711	--	--	--	416,047,102

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

2/ DRAINED WEIGHT.

3/ EXCLUSIVE OF DUPLICATION.

NOTE:--LISTS OF CANNERS AND MANUFACTURERS OF FISHERY PRODUCTS BY INDIVIDUAL COMMODITIES CAN BE OBTAINED FROM THE FISH AND WILDLIFE SERVICE, WASHINGTON 25, D. C.



## VALUE OF THE PRODUCTION OF CANNED FISHERY PRODUCTS AND BYPRODUCTS: BY STATES, 1948

STATE	CANNED	BYPRODUCTS	TOTAL
MAINE	\$33,379,034	\$2,633,310	\$36,012,344
MASSACHUSETTS	6,098,812	6,173,336	12,272,148
CONNECTICUT	-	1,914,499	1,914,499
RHODE ISLAND, NEW HAMPSHIRE, AND OHIO	423,786	-	423,786
NEW YORK	912,681	5,098,060	6,010,741
NEW JERSEY	4,205,768	5,910,273	10,122,041
PENNSYLVANIA	1/ 1,275,693	(1)	1,275,693
DELAWARE AND ILLINOIS	-	3,803,435	3,803,435
MARYLAND	1,376,724	2,180,529	3,557,253
VIRGINIA	523,249	3,333,406	3,856,655
NORTH CAROLINA	315,863	4,012,556	4,328,419
SOUTH CAROLINA	819,807	83,743	903,550
GEORGIA	1/ 338,066	(1)	338,066
FLORIDA	(1)	1/ 1,852,592	1,852,592
ALABAMA	1/ 463,318	(1)	463,318
MISSISSIPPI	2,265,708	1,720,441	3,986,149
LOUISIANA	7,908,125	3,373,708	11,281,833
TEXAS	-	912,899	912,899
MINNESOTA, MISSOURI, WISCONSIN, AND MICHIGAN	409,632	93,795	503,427
IOWA	-	4,359,463	4,359,463
WASHINGTON	18,497,700	6,456,418	24,954,118
OREGON	21,926,969	700,806	22,627,776
CALIFORNIA	137,876,592	18,608,104	156,484,696
ALASKA	97,657,187	6,144,995	103,802,182
ACTUAL VALUE OF CANNED PRODUCTS AND BYPRODUCTS	336,181,479	79,655,623	416,047,102

1/ CANNED AND BYPRODUCTS COMBINED WHEN LESS THAN THREE FIRMS IN A STATE REPORTED IN EITHER CATEGORY.

## FACTORS USED TO CONVERT STANDARD CASES TO POUNDS

PRODUCT	PRIOR TO 1938	1939 AND 1940	1941	1942	1943	1944 TO 1947	1948
	POUNDS PER CASE	POUNDS PER CASE	POUNDS PER CASE	POUNDS PER CASE	POUNDS PER CASE	POUNDS PER CASE	POUNDS PER CASE
SARDINES:							
MAINE AND MASSACHUSETTS	25	25	25	20.3	20.3	20.3	20.3
CALIFORNIA AND OREGON	48	48	48	45	45	45	45
TUNA AND TUNALIKE FISHES:							
SOLID	24	24	21	22.5	22.5	21	21
FLAKES	24	24	21	18	18	18	18
MACKEREL	48	48	48	45	45	45	45
ALEWIVES	48	48	48	45	45	45	45
HERRING, SEA	48	48	48	45	45	45	45
SHAD	48	48	48	48	48	45	45
FISH FLAKES	48	48	48	48	48	42	42
OYSTERS	15	15	15	15	22.5	22.5	14
SHRIMP, WET PACK	17.25	17.25	17.25	21	21	21	15
CLAM PRODUCTS:							
WHOLE AND MINCED	15	15	15	15	15	15	15
JUICE, CHOWDER, BROTH, ETC.	30	30	30	30	30	30	30
CRABS	48	39	39	39	39	39	19.5
ALL OTHER	48	48	48	48	48	48	48

NOTE:--THE FACTORS LISTED ABOVE WERE USED IN CONVERTING THE STANDARD CASES REPORTED IN THE STATISTICAL REPORTS FOR THE YEARS INDICATED. THE FIGURES SHOWN FOR 1948 WERE USED FOR ALL ITEMS SHOWN IN THIS REPORT INCLUDING THE HISTORICAL FIGURES ON PAGE 42.

## PLANTS ENGAGED IN THE PRODUCTION OF CANNED FISHERY PRODUCTS AND BYPRODUCTS, 1948

STATE	CANNED PRODUCTS	BYPRODUCTS	TOTAL PLANTS, EXCLUSIVE OF DUPLICATION	STATE	CANNED PRODUCTS	BYPRODUCTS	TOTAL PLANTS, EXCLUSIVE OF DUPLICATION
NEW ENGLAND:				S. ATLANTIC AND GULF - CONT'D:			
MAINE	56	17	70	ALABAMA	3	1	3
MASSACHUSETTS	17	14	29	MISSISSIPPI	18	4	22
CONNECTICUT	-	3	3	LOUISIANA	39	35	74
RHODE ISLAND	1	-	1	TEXAS	-	3	3
NEW HAMPSHIRE	1	-	1	TOTAL	60	71	147
TOTAL	75	34	104	GREAT LAKES AND MISS. RIVER:			
MIDDLE ATLANTIC:				MINNESOTA	1	2	2
NEW YORK	12	8	20	MISSOURI	-	1	1
NEW JERSEY	2	21	23	WISCONSIN	1	-	1
PENNSYLVANIA	1	7	8	IOWA	-	12	12
DELAWARE	-	2	2	MICHIGAN	-	-	1
TOTAL	15	38	53	OHIO	1	-	1
CHESAPEAKE BAY:				ILLINOIS	-	1	1
MARYLAND	12	7	18	TOTAL	4	16	19
VIRGINIA	14	13	25	PACIFIC COAST:			
TOTAL	26	20	43	WASHINGTON	68	12	79
S. ATLANTIC & GULF:				OREGON	23	10	27
N. CAROLINA	12	14	24	CALIFORNIA	67	74	92
S. CAROLINA	4	3	6	TOTAL	158	96	198
GEORGIA	2	1	3	ALASKA	131	23	147
FLORIDA	2	10	12	GRAND TOTAL	489	298	711

## PACK OF CANNED SALMON: STANDARD CASFS, 1948

SPECIES AND CAN SIZE	ALASKA						WESTERN			TOTAL		
	SOUTHEASTERN			CENTRAL			CASES	VALUE	CASES	VALUE	CASES	VALUE
	CASES	VALUE		CASES	VALUE							
CHUMNOCK OR KING:												
1-POUND TALL . . . . .	2,086	\$50,365	23,172	\$79,659	2,254	2,254	\$54,401	27,512	\$684,425			
1-POUND FLAT . . . . .	3,599	110,620	10,510	322,891	9,691	9,691	386,108	23,800	76,630			
1/2-POUND FLAT . . . . .	5,685	160,985	34,388	920,950	13,886	13,886	478,739	53,959	799,619			
TOTAL . . . . .									1,580,674			
MON OR KETA:												
1-POUND TALL . . . . .	392,526	7,923,137	266,006	5,310,360	81,197	81,197	1,660,208	739,729	14,893,705			
1-POUND FLAT . . . . .	14,867	326,452	22,196	93,272	444	444	11,096	37,507	93,272			
1/2-POUND FLAT . . . . .	407,393	8,249,589	292,854	5,975,351	81,641	81,641	1,671,304	781,888	15,896,244			
TOTAL . . . . .												
PINK:												
1-POUND TALL . . . . .	645,817	14,710,148	601,167	13,303,774	3,249	3,249	72,686	1,250,233	28,086,608			
1-POUND FLAT . . . . .	38,625	1,032,332	15,616	422,934	-	-	-	54,241	1,455,266			
1/2-POUND FLAT . . . . .	684,442	15,742,480	616,789	13,726,816	3,249	3,249	72,686	1,304,480	29,541,982			
TOTAL . . . . .												
RED OR SOCKEYE:												
1-POUND TALL . . . . .	19,131	500,126	218,037	5,547,741	1,206,673	1,206,673	30,843,368	1,443,841	36,891,235			
1-POUND FLAT . . . . .	20,576	754,646	94,736	3,363,116	30,991	30,991	817,298	40,219	1,072,195			
1/2-POUND FLAT . . . . .	39,707	1,254,772	322,001	9,165,754	1,278,194	1,278,194	33,113,378	1,639,902	5,570,474			
TOTAL . . . . .									43,533,904			
SILVER OR COHO:												
1-POUND TALL . . . . .	105,478	2,567,372	56,180	1,302,114	5,309	5,309	123,305	166,967	3,992,791			
1-POUND FLAT . . . . .	53,746	1,626,355	11,700	322,242	51	51	1,498	63,497	44,900			
1/2-POUND FLAT . . . . .	159,224	4,193,727	69,729	1,669,256	5,360	5,360	124,603	234,313	1,950,095			
TOTAL . . . . .									5,987,786			
STEELHEAD:												
1-POUND TALL . . . . .	319	7,337	9	180	-	-	-	328	7,517			
1/2-POUND FLAT . . . . .	21	623	-	-	-	-	-	21	623			
TOTAL . . . . .	340	7,960	9	180	-	-	-	349	8,140			
GRAND TOTAL . . . . .	1,296,791	29,609,513	1,335,770	31,458,307	1,382,330	1,382,330	35,460,910	4,014,891	96,528,730			

1/ INCLUDES A SMALL PACK OF TIPS AND TAILS.

CONTINUED ON NEXT PAGE

PACK OF CANNED SALMON: STANDARD CASES, 1948 - Continued

SPECIES AND CAN SIZE	UNITED STATES						GRAND TOTAL, UNITED STATES AND ALASKA		
	WASHINGTON		OREGON		CALIFORNIA			TOTAL	
	CASES	VALUE	CASES	VALUE	CASES	VALUE		CASES	VALUE
CHINOOK OR KING:									
1-POUND TALL . . . . .	11,411	\$262,383	20,056	\$459,133	-	-	31,467	\$721,516	
1-POUND FLAT . . . . .	32,807	1,060,194	13,327	361,006	-	-	46,134	1,421,500	
1/2-POUND FLAT . . . . .	547	16,442	186,822	7,327,031	10,811	\$353,676	230,374	8,547,650	
1/4-POUND FLAT . . . . .	8	173	304	11,362	606	12,419	9,374	34,659	
OTHER . . . . .	-	-	-	-	-	-	9,918	23,974	
TOTAL . . . . .	44,771	1,341,157	229,078	8,489,901	11,417	366,095	285,266	10,197,153	
CHUM OR KETA:									
1-POUND TALL . . . . .	232,422	4,378,066	17,971	343,134	-	-	250,393	4,721,200	
1-POUND FLAT . . . . .	19,734	445,808	4,834	100,450	-	-	24,568	546,258	
1/2-POUND FLAT . . . . .	2,197	52,019	-	-	-	-	2,197	52,019	
OTHER . . . . .	-	-	-	-	-	-	-	-	
TOTAL . . . . .	253,353	4,875,893	22,805	443,584	-	-	276,158	5,319,477	
PINK:									
1-POUND TALL . . . . .	1,540	33,650	-	-	-	-	1,540	33,650	
1-POUND FLAT . . . . .	2,928	82,626	-	-	-	-	2,928	82,626	
1/2-POUND FLAT . . . . .	12	375	-	-	-	-	12	375	
OTHER . . . . .	-	-	-	-	-	-	-	-	
TOTAL . . . . .	4,480	116,651	-	-	-	-	4,480	116,651	
RED OR SOCKEYE:									
1-POUND TALL . . . . .	641	16,173	-	-	-	-	641	16,173	
1-POUND FLAT . . . . .	92,086	3,827,952	796	34,088	-	-	92,882	3,862,040	
1/2-POUND FLAT . . . . .	3,932	182,713	453	21,959	-	-	4,385	204,672	
OTHER . . . . .	-	-	-	-	-	-	-	-	
TOTAL . . . . .	96,659	4,026,738	1,249	55,947	-	-	97,907	4,082,685	
SILVER OR COHO:									
1-POUND TALL . . . . .	21,976	514,648	7,426	180,784	-	-	29,402	695,432	
1-POUND FLAT . . . . .	56,913	1,635,241	16,859	612,068	-	-	73,772	2,247,309	
1/2-POUND FLAT . . . . .	5,285	169,316	14,323	501,966	-	-	19,608	671,222	
OTHER . . . . .	-	-	-	-	-	-	265	7,394	
TOTAL . . . . .	84,842	2,325,419	40,807	1,294,838	-	-	125,647	3,620,257	
STEELHEAD:									
1-POUND TALL . . . . .	-	-	4,588	98,945	-	-	4,588	98,945	
1-POUND FLAT . . . . .	-	-	15,441	546,804	-	-	15,441	546,804	
1/2-POUND FLAT . . . . .	-	-	588	26,894	-	-	588	26,894	
OTHER . . . . .	-	-	-	-	-	-	-	-	
TOTAL . . . . .	-	-	20,617	672,243	-	-	20,617	672,243	
GRAND TOTAL . . . . .	484,102	12,685,858	314,556	10,956,513	11,417	366,095	810,075	24,008,466	

NOTE:---"STANDARD CASES" REPRESENT THE VARIOUS SIZED CASES CONVERTED TO THE EQUIVALENT OF FORTY-EIGHT 1-POUND CANS, EACH CONTAINING 16 OUNCES. SALMON WERE CANNED AT 35 PLANTS IN WASHINGTON, 14 IN OREGON, 4 IN CALIFORNIA, AND 123 IN ALASKA.

## GENERAL REVIEW

SUPPLEMENTARY REVIEW OF THE PACIFIC COAST STATES SALMON PACK, 1948  
BY DISTRICTS - STANDARD CASES

SPECIES	PUGET SOUND		COLUMBIA RIVER		COASTAL		TOTAL	
	CASES	VALUE	CASES	VALUE	CASES	VALUE	CASES	VALUE
CHINOOK OR KING . . . . .	30,102	\$797,931	234,165	\$8,730,172	20,999	\$669,050	285,266	\$10,197,153
CHUM OR KETA . . . . .	238,690	4,608,128	28,486	548,003	8,982	163,346	276,158	5,319,477
PINK . . . . .	4,480	116,651	-	-	-	-	4,480	116,651
RED OR SOCKEYE . . . . .	90,531	3,789,441	3,357	140,242	4,019	153,002	97,907	4,082,685
SILVER OR COHO . . . . .	68,210	1,908,789	38,245	1,185,354	19,192	526,114	125,647	3,620,257
STEELHEAD . . . . .	-	-	20,617	672,243	-	-	20,617	672,243
TOTAL . . . . .	432,013	11,220,940	324,870	11,276,014	53,192	1,511,512	810,075	24,008,466

## PACK OF MAINE SARDINES (SEA HERRING), 1948

STYLE OF PACK	STANDARD CASES	VALUE	CAN AND CASE SIZES	ACTUAL CASES	VALUE
IN SOYBEAN OR OTHER VEGETABLE OIL (REGULAR PACK) . . . . .	2,733,367	\$23,898,248	3-1/4 OUNCES NET (100 CANS) . . . . .	2,885,909	\$25,915,294
IN SOYBEAN OR OTHER VEGETABLE OIL (FILLETS) . . . . .	21,302	199,020	10 OUNCES NET (48 CANS) . . . . .	86,308	721,718
IN MUSTARD SAUCE . . . . .	231,572	2,444,298	OTHER SIZES CONVERTED TO 3-1/4 OUNCES NET (100 CANS) . . . . .	47,463	284,914
IN TOMATO SAUCE . . . . .	18,045	104,015			
IN SOYBEAN OIL, SMOKED OR KIPPERED . . . . .	51,985	236,445			
OTHER 1/ . . . . .	4,571	39,900	TOTAL . . . . .	3,019,680	26,921,926
TOTAL . . . . .	3,060,842	26,921,926			

1/ INCLUDES SPECIAL PACKS OF SARDINES (SEA HERRING) IN OLIVE OIL, SPICED OIL, PEANUT OIL, AND SOYBEAN OIL.  
NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZED CASES CONVERTED TO THE UNIFORM BASIS OF ONE HUNDRED 1/4 OIL CANS (3-1/4 OUNCES NET) TO THE CASE. SARDINES (SEA HERRING) WERE CANNED IN 44 PLANTS IN MAINE, AND ONE PLANT EACH IN MASSACHUSETTS, NEW HAMPSHIRE, AND MARYLAND.

## PACK OF ATLANTIC COAST SEA HERRING, 1948

STYLE OF PACK	STANDARD CASES	VALUE	CAN AND CASE SIZES	ACTUAL CASES	VALUE
NATURAL OR IN SOYBEAN OR OTHER VEGETABLE OIL 1/ . . . . .	68,960	\$649,092	15 OUNCES NET (48 CANS) . . . . .	275,645	\$2,392,557
IN MUSTARD SAUCE . . . . .	48,528	485,429	OTHER SIZES CONVERTED TO 15 OUNCES NET (48 CANS) . . . . .	4,743	44,631
IN TOMATO SAUCE . . . . .	142,900	1,302,667			
TOTAL . . . . .	280,388	2,437,188	TOTAL . . . . .	280,388	2,437,188

1/ INCLUDES A SMALL QUANTITY KIPPERED, JELLIED, OR PICKLED.  
NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZED CASES CONVERTED TO THE UNIFORM BASIS OF FORTY-EIGHT NO. 1 TALL CANS, EACH ONE CONTAINING 15 OUNCES NET WEIGHT OF FISH. SEA HERRING WERE CANNED IN 13 PLANTS IN MAINE, 4 IN MASSACHUSETTS, 1 IN NEW HAMPSHIRE, 3 IN MARYLAND, AND 1 IN NEW JERSEY.

## PACK OF CALIFORNIA SARDINES (PILCHARDS) 1/2, 1948

STYLE OF PACK	STANDARD CASES	VALUE	CAN AND CASE SIZES	ACTUAL CASES	VALUE
NATURAL, WITHOUT SAUCE OR OIL . . . . .	1,216,919	\$8,153,851	1-POUND CANS:		
IN TOMATO SAUCE . . . . .	1,296,750	12,256,841	15 OUNCES NET, TALL (48 CANS) . . . . .	1,137,424	\$7,120,710
IN MUSTARD SAUCE . . . . .	93,300	844,127	15 OUNCES NET, OVAL (48 CANS) . . . . .	967,130	8,170,637
OTHER 2/ . . . . .	47,180	638,074	1/2-POUND CANS:		
TOTAL . . . . .	2,654,149	21,892,893	8 OUNCES NET, TALL (48 CANS) . . . . .	61,150	315,618
			8 OUNCES NET, OBLONG (48 CANS) . . . . .	698,946	4,353,342
			8 OUNCES NET (96 CANS) . . . . .	81,214	886,505
			5 OUNCES NET (100 CANS) . . . . .	127,200	1,046,081
			TOTAL . . . . .	3,073,064	21,892,893

1/ INCLUDES THE PACK CANNED IN OREGON.

2/ INCLUDES SPECIAL PACKS OF SARDINES (PILCHARDS) IN SOYBEAN OIL; IN OLIVE OIL AND TOMATO SAUCE; FILLETS, NATURAL, IN SOYBEAN OIL, IN OLIVE OIL, AND IN TOMATO SAUCE.

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZED CASES CONVERTED TO THE UNIFORM BASIS OF FORTY-EIGHT NO. 1 TALL CANS (15 OUNCES NET). SARDINES (PILCHARDS) WERE CANNED IN 51 PLANTS IN CALIFORNIA, AND 3 PLANTS IN OREGON.

## PACK OF PACIFIC COAST SEA HERRING, 1948

STYLE OF PACK	STANDARD CASES		VALUE		CAN AND CASE SIZES		ACTUAL CASES		VALUE	
NATURAL 1/2 IN TOMATO SAUCE	12,092	33,968	\$98,772	298,034	15 OUNCES NET (48 CANS)	30,699	\$226,696			
					OTHER SIZES CONVERTED TO 15 OUNCES NET (48 CANS)	15,361	160,110			
TOTAL	46,060	386,806			TOTAL	46,060	386,806			

1/2 INCLUDES A SMALL PACK IN SOYBEAN OIL.

NOTE:-- "STANDARD CASES" REPRESENT THE VARIOUS SIZED CASES CONVERTED TO THE UNIFORM BASIS OF FORTY-EIGHT NO. 1 TALL CANS, EACH CAN CONTAINING 15 OUNCES NET WEIGHT OF FISH. SEA HERRING WERE CANNED IN 13 PLANTS IN CALIFORNIA.

## PACK OF CANNED TUNA AND TUNA-LIKE FISHES: STANDARD CASES, 1948

SPECIES	CALIFORNIA		WASHINGTON & OREGON		MAINE, MASSACHUSETTS, NEW YORK, AND MARYLAND		TOTAL	
	CASES	VALUE	CASES	VALUE	CASES	VALUE	CASES	VALUE
ALBACORE:								
SOLID	648,780	\$12,965,169	294,764	\$6,425,800	-	-	943,544	\$19,390,969
FLAKES	231,034	3,401,768	124,665	1,766,581	-	-	355,699	5,168,349
TOTAL	879,814	16,366,937	419,429	8,192,381	-	-	1,299,243	24,559,318
YELLOWFIN:								
SOLID	2,200,494	35,526,719	78,563	1,355,212	-	-	2,279,057	36,881,931
FLAKES	1,691,118	24,735,680	47,778	735,224	-	-	1,738,896	25,470,904
TOTAL	3,891,612	60,262,399	126,341	2,090,436	-	-	4,017,953	62,352,835
BLUEFIN:								
SOLID	1/2 87,155	1,462,559	-	-	-	-	1/2 87,155	1,462,559
FLAKES	1/2 61,623	915,520	-	-	-	-	1/2 61,623	915,520
TOTAL	1/2 148,778	2,378,079	-	-	-	-	1/2 148,778	2,378,079
SKIPJACK:								
SOLID	629,955	10,068,682	14,772	251,760	-	-	644,727	10,320,442
FLAKES	396,751	5,836,980	8,960	138,082	-	-	405,711	5,975,062
TOTAL	1,026,706	15,905,662	23,732	389,842	-	-	1,050,438	16,295,504
BONITO:								
SOLID	151,327	1,966,625	-	-	-	-	151,327	1,966,625
FLAKES	34,036	425,721	-	-	-	-	34,036	425,721
TOTAL	185,363	2,392,346	-	-	-	-	185,363	2,392,346
YELLOWTAIL:								
SOLID	112,254	1,349,405	-	-	-	-	112,254	1,349,405
FLAKES	76,522	899,577	-	-	-	-	76,522	899,577
TOTAL	188,776	2,238,982	-	-	-	-	188,776	2,238,982
MIXED SPECIES:								
SOLID	-	-	-	-	2/ 26,872	2/ \$362,288	26,872	362,288
FLAKES	27,780	437,075	3,388	53,361	(2)	(2)	31,168	490,436
TOTAL	27,780	437,075	3,388	53,361	26,872	362,288	58,040	852,724
TONNO, SOLID	89,167	1,542,508	-	-	-	-	89,167	1,542,508
TOTAL, SOLID	3,919,132	64,881,667	388,099	8,032,772	2/ 26,872	2/ 362,288	4,334,103	73,276,727
TOTAL, FLAKES	2,518,864	36,642,321	184,791	2,693,248	(2)	(2)	2,703,655	39,335,569
GRAND TOTAL	6,437,996	101,523,988	572,890	10,726,020	26,872	362,288	7,037,758	112,612,296

1/2 INCLUDES A FEW CASES OF ATLANTIC COAST LITTLE TUNA, PACKED IN CALIFORNIA.

2/ A FEW CASES OF FLAKES CONVERTED TO SOLID PACK WEIGHT HAVE BEEN INCLUDED WITH THE PRODUCTION OF SOLID PACK.

NOTE:-- "STANDARD CASES" REPRESENT THE VARIOUS SIZED CASES CONVERTED TO THE EQUIVALENT OF FORTY-EIGHT NO. 1 TUNA CANS TO THE CASE, EACH CONTAINING 7 OUNCES NET WEIGHT OF SOLID MEAT OR 6 OUNCES NET WEIGHT OF FLAKES OR GRATED. THE TOTAL PACK IN WASHINGTON AMOUNTED TO 64,432 CASES OF SOLID PACK, VALUED AT \$1,305,765 AND 25,821 CASES OF FLAKES, VALUED AT \$337,932; WHILE THAT IN OREGON TOTALLED 323,667 CASES OF SOLID PACK, VALUED AT \$6,727,007, AND 159,970 CASES OF FLAKES, VALUED AT \$2,355,316. THE ACTUAL CASES PACKED WERE AS FOLLOWS: 6,891,649 CASES WERE PACKED IN THE NO. 1/2 TUNA (48 CANS TO THE CASE); 72,717 CASES WERE PACKED IN THE NO. 1 TUNA (48 CANS TO THE CASE) EACH CAN CONTAINING 13 OUNCES NET WEIGHT OF SOLID MEAT OR 12 OUNCES NET WEIGHT OF FLAKES OR GRATED MEAT; AND 614 CASES OF MISCELLANEOUS SIZED CASES. TUNA AND TUNA-LIKE FISHES WERE CANNED IN 30 PLANTS IN CALIFORNIA, 14 IN WASHINGTON, 13 IN OREGON, 3 IN MASSACHUSETTS, 2 EACH IN MAINE AND MARYLAND, AND 1 IN NEW YORK.

## GENERAL REVIEW

PACK OF CANNED MACKEREL, 1948<sup>1/</sup>

PRODUCT		CASES	VALUE	SIZE	CASES	VALUE
STANDARD CASES				ACTUAL CASES		
CALIFORNIA:						
NATURAL 2/		955,251	\$6,972,306	15 OUNCES NET, TALL (48 CANS)	1,023,660	\$7,447,764
IN TOMATO SAUCE		63,722	569,623	15 OUNCES NET, OVAL (48 CANS)	121,084	1,003,276
TOTAL		1,018,973	7,541,931	15 OUNCES NET (24 CANS)	136,766	570,366
MAINE		13,980	119,099	14 OUNCES NET (24 CANS)	18,863	80,427
MASSACHUSETTS 3/		196,937	1,761,884	8 OUNCES NET (48 CANS)	8,043	50,749
MARYLAND AND VIRGINIA		51,302	427,920	OTHER SIZES (STANDARD CASES)	51,973	698,252
TOTAL		262,219	2,308,903	TOTAL	1,363,389	9,850,834
GRAND TOTAL		1,281,192	9,850,834			

1/ INCLUDES THE PACK OF JACK MACKEREL<sup>1</sup> IN CALIFORNIA.

2/ INCLUDES SMALL QUANTITY OF FILLETS.

3/ INCLUDES SMALL QUANTITY OF TAIL TIPS.

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZED CASES CONVERTED TO THE EQUIVALENT OF FORTY-EIGHT 1-POUND CANS TO THE CASE, EACH CAN CONTAINING 15 OUNCES OF FISH. MACKEREL WERE CANNED IN 48 PLANTS IN CALIFORNIA, 8 PLANTS IN MASSACHUSETTS, 5 PLANTS IN MAINE, 6 PLANTS IN MARYLAND, AND 1 PLANT IN VIRGINIA.

## PACK OF CANNED SHAD, 1948

STATE	STANDARD CASES	VALUE	CAN AND CASE SIZE	STANDARD CASES	VALUE
MARYLAND 1/	1,371	\$14,172	15 OUNCES NET (48 CANS)	11,870	\$104,402
VIRGINIA, NORTH CAROLINA, & FLORIDA	1,494	12,483	OTHER SIZES CONVERTED TO 15		
OREGON	8,923	84,480	OUNCES NET (48 CANS)	2,903	32,449
WASHINGTON AND CALIFORNIA	2,985	25,716	TOTAL	14,773	136,851
TOTAL	14,773	136,851			

1/ PRINCIPALLY FILLETS.

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZED CASES CONVERTED TO THE UNIFORM BASIS OF FORTY-EIGHT NO. 1 TALL CANS TO THE CASE, EACH CAN CONTAINING 15 OUNCES OF FISH. SHAD WERE CANNED IN 4 PLANTS IN MARYLAND; 1 PLANT EACH IN VIRGINIA, NORTH CAROLINA, AND FLORIDA; 8 PLANTS IN OREGON; 2 IN WASHINGTON; AND 3 IN CALIFORNIA.

## PACK OF CANNED ALEWIVES: STANDARD CASES, 1948

STATE	CASES	VALUE
MARYLAND	76,340	\$410,447
VIRGINIA	46,794	228,909
TOTAL	123,134	639,356

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZED CASES CONVERTED TO THE EQUIVALENT OF FORTY-EIGHT CANS OF 15 OUNCES EACH. PRACTICALLY THE ENTIRE PACK WAS CANNED IN 15-OUNCE CANS. ALEWIVES WERE CANNED IN 7 PLANTS IN MARYLAND AND 12 PLANTS IN VIRGINIA. A SMALL PACK OF KIPPERED ALEWIVES PRODUCED IN MASSACHUSETTS IS INCLUDED WITH MISCELLANEOUS SMOKED FISH.

## PACK OF CANNED ANCHOVIES, 1948

STANDARD CASES		ACTUAL CASES			
STATE AND STYLE OF PACK	CASES	VALUE	CAN AND CASE SIZES	CASES	VALUE
CALIFORNIA:					
NATURAL	44,808	\$529,683	8 OUNCES NET (48 CANS)	59,897	\$317,224
IN TOMATO SAUCE	22,186	225,775	8 OUNCES NET (96 CANS)	19,965	272,641
TOTAL STANDARD CASES	66,994	755,458	16 OUNCES NET (48 CANS)	1/ 17,081	1/ 165,593
			TOTAL ACTUAL CASES	96,943	755,458

1/ INCLUDES A SMALL PACK OF CANS CONTAINING 4 OUNCES EACH, PACKED 48 CANS TO THE CASE.

NOTE:--"STANDARD CASES" REPRESENT THE PACK OF 48 CANS, EACH CONTAINING 16 OUNCES. ANCHOVIES WERE CANNED IN 23 PLANTS IN CALIFORNIA.

PACK OF CANNED GPOUNDFISH FLAKES: STANDARD CASFS, 1948

STATE	CASES	VALUE
MAINE . . . . .	8,616	\$137,423
MASSACHUSETTS . . . . .	26,398	410,690
TOTAL . . . . .	35,014	548,113

NOTE :--"STANDARD CASES" REPRESENT THE VARIOUS SIZED CASES CONVERTED TO THE EQUIVALENT OF FORTY-EIGHT CANS TO THE CASE, EACH CAN CONTAINING 14 OUNCES. GROUND FISH FLAKES WERE CANNED IN 4 PLANTS IN MAINE AND 4 IN MASSACHUSETTS.

PACK OF CANNED ANIMAL FOOD FROM FISHERY PRODUCTS, 1948

STANDARD CASES			ACTUAL CASES		
STATE	CASES	VALUE	CAN AND CASE SIZES	CASES	VALUE
MAINE AND NEW YORK . . . . .	292,391	\$1,728,401	8 OUNCES NET (48 CANS) . . . . .	1,510,769	\$4,417,523
MASSACHUSETTS . . . . .	259,964	1,130,035	15 1/2 OUNCES NET (48 CANS) . . . . .	63,887	218,105
VIRGINIA AND WASHINGTON . . . . .	9,903	30,700	16 OUNCES NET (48 CANS) . . . . .	345,656	1,666,303
CALIFORNIA . . . . .	761,560	4,081,867	OTHER SIZES (STANDARD CASES) . . . . .	160,876	669,072
TOTAL . . . . .	1,323,808	6,971,003	TOTAL . . . . .	2,081,188	6,971,003

NOTE :--"STANDARD CASES" REPRESENT THE VARIOUS SIZED CASES CONVERTED TO THE EQUIVALENT OF FORTY-EIGHT CANS, EACH CONTAINING 16 OUNCES. ANIMAL FOOD WAS CANNED IN 6 PLANTS IN MASSACHUSETTS, 2 PLANTS EACH IN MAINE AND WASHINGTON, 1 PLANT EACH IN NEW YORK AND VIRGINIA, AND 4 PLANTS IN CALIFORNIA.

PACK OF CANNED FISH ROE AND CAVIAR, 1948

PRODUCT	STANDARD CASES	VALUE	STATES IN WHICH PRODUCED AND NUMBER OF PLANTS
ROE:			
ALEWIFE . . . . .	22,658	\$401,416	MARYLAND 7, VIRGINIA 14, NORTH CAROLINA 9
DEP--SEA . . . . .	5,629	84,173	MASSACHUSETTS 3
HERRING . . . . .	3,478	35,883	MAINE 2, MASSACHUSETTS 1
MACKEREL . . . . .	945	12,197	MASSACHUSETTS 1, MARYLAND 3
SHAD . . . . .	3,075	208,079	MARYLAND 1, VIRGINIA 1, FLORIDA 1, WASHINGTON 1, OREGON 7, CALIFORNIA 2
MISCELLANEOUS, INCLUDING TROUT, POLLOCK, YELLOWTAIL, AND MENHADEN . . . . .	2,605	45,466	MASSACHUSETTS 1, VIRGINIA 1, NORTH CAROLINA 1
CAVIAR:			
WHITE FISH . . . . .	2,389	107,710	NEW YORK 4, WISCONSIN 1
MISCELLANEOUS, INCLUDING SALMON, STURGEON, AND CARP . . . . .	2,310	417,640	NEW YORK 2, VIRGINIA 1
TOTAL EDIBLE ROE AND CAVIAR . . . . .	43,090	1,312,564	
SALMON EGGS (FOR BAIT) . . . . .	7,539	160,756	WASHINGTON 5, OREGON 1
GRAND TOTAL . . . . .	50,629	1,473,320	

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

SUPPLEMENTARY REVIEW OF PACK OF CANNED FISH ROE AND CAVIAR: BY STATES, 1948

STATE	NUMBER OF PLANTS (EXCLUSIVE OF DUPLICATION)	STANDARD CASES	VALUE	STATE - CONT'D	NUMBER OF PLANTS (EXCLUSIVE OF DUPLICATION)	STANDARD CASES	VALUE
MAINE . . . . .	2	} 11,430	} \$159,772	FLORIDA . . . . .	1	} 1,367	} \$72,553
MASSACHUSETTS . . . . .	5			WISCONSIN . . . . .	1		
NEW YORK . . . . .	4			CALIFORNIA . . . . .	2		
MARYLAND . . . . .	7			WASHINGTON . . . . .	6		
VIRGINIA . . . . .	14			OREGON . . . . .	8	7,501	159,166
NORTH CAROLINA . . . . .	9	2,555	46,633	TOTAL . . . . .	59	50,629	1,473,320

## GENERAL REVIEW

## PACK OF MISCELLANEOUS-CANNED FISHERY PRODUCTS, 1948

PRODUCT	STANDARD CASES	VALUE	LOCATION AND NUMBER OF PLANTS
<b>FISH:</b>			
SALMON, SMOKED . . . . .	172	\$8,454	MASSACHUSETTS 1, OREGON 2, WASHINGTON 1, ALASKA 1
FISH CAKES 1/ . . . . .	192,357	2,425,550	MAINE 4, MASSACHUSETTS 1, NEW YORK 1, VIRGINIA 1, CALIFORNIA 3
FISH SPREAD AND PASTE 2/ . . . . .	895	16,878	MASSACHUSETTS 1, NEW YORK 1, CALIFORNIA 2
FISH, SMOKED OR KIPPERED 3/ . . . . .	9,759	208,717	MASSACHUSETTS 3, MINNESOTA 1, WASHINGTON 2, OREGON 4, CALIFORNIA 1
FISH, MISCELLANEOUS 4/ . . . . .	34,421	524,017	MASSACHUSETTS 2, NEW JERSEY 1, MARYLAND 2, NORTH CAROLINA 1, MICHIGAN 1, MINNESOTA 1, CALIFORNIA 1
<b>SHELLFISH:</b>			
CRAB, MISCELLANEOUS 5/ . . . . .	3,352	102,372	NEW YORK 1, NORTH CAROLINA 1, SOUTH CAROLINA 1, ALABAMA 1, LOUISIANA 1, WASHINGTON 1
LOBSTER BISQUE, ETC. 6/ . . . . .	5,284	146,873	MAINE 1, NEW YORK 1, LOUISIANA 1
OYSTERS, SMOKED . . . . .	1,036	82,452	LOUISIANA 1, WASHINGTON 3
OYSTERS, MISCELLANEOUS 7/ . . . . .	2,753	57,904	NEW YORK 1, ALABAMA 1, LOUISIANA 2, WASHINGTON 4
SHRIMP, MISCELLANEOUS 8/ . . . . .	2,594	95,538	NEW YORK 1, SOUTH CAROLINA 1, ALABAMA 1, MISSISSIPPI 1, LOUISIANA 4, WASHINGTON 1
SQUID . . . . .	349,799	1,373,810	CALIFORNIA 20
TERRAPIN AND TURTLE MEAT . . . . .	940	30,599	NEW YORK 2, GEORGIA 1, FLORIDA 1
TERRAPIN & TURTLE SOUP & STEW . . . . .	11,820	138,754	NEW YORK 2, OHIO 1, GEORGIA 1, FLORIDA 1, LOUISIANA 2
SHELLFISH, MISCELLANEOUS 9/ . . . . .	2,822	61,044	MAINE 1, MASSACHUSETTS 1, NEW YORK 2, LOUISIANA 3
TOTAL . . . . .	618,004	5,273,262	

1/ INCLUDES COD, HADDOCK, ALEWIFE AND MENHADEN, ROCKFISH, ALBACORE AND LINGCOD, BARRACUDA AND MEXICAN SEA BASS.

2/ INCLUDES HERRING, SALMON, AND TUNA SPREAD; AND SARDINE, FINNAN HADDIE, SMOKED HALIBUT, HERRING AND SALMON PASTE.

3/ INCLUDES SMOKED CARP FLAKES, FINNAN HADDIE, HERRING, SHAD AND STURGEON; AND KIPPERED ALEWIFES, HERRING, SABLEFISH AND STURGEON.

4/ INCLUDES CARP FLAKES, EELS IN JELLY, FISH CHOWDER, MULLET, RED DRUM, WHITING, SALMON IN CHEESE SAUCE, SPANISH MACKEREL, AND TUNA-FISH FRANKFURTERS.

5/ INCLUDES DEVILED CRABS, SOFT SHELL CRABS, AND CRAB GUMBO, BISQUE AND COCKTAILS.

6/ CONSISTS OF LOBSTER BISQUE, NEWBERG, SOUP AND STEW

7/ INCLUDES OYSTER COCKTAILS, CREOLE, STEW; AND SMOKED OYSTER PASTE AND SPREAD.

8/ INCLUDES SHRIMP BISQUE, BALLS, COCKTAILS, CREOLE, CURRY, DEVILED, GUMBO, PASTE, AND SMOKED SHRIMP.

9/ INCLUDES BOUILLABAISE, CLAM CAKES AND LOAF, CREOLE GUMBO, CONCHS, CRAYFISH BISQUE, FROG LEG NEWBERG; AND SEAFOOD NEWBERG.

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZED CASES CONVERTED TO THE EQUIVALENT OF 48 CANS, EACH CONTAINING 16 OUNCES NET WEIGHT.

## PACK OF CANNED CRABS, 1948

STANDARD CASES			ACTUAL CASES		
STATE AND SPECIES	CASES	VALUE	CAN AND CASE SIZES	CASES	VALUE
MARYLAND, NORTH AND SOUTH CAROLINA, GEORGIA, ALABAMA, AND MISSISSIPPI (BLUE) . . . . .	18,862	\$361,200	6 1/2 OUNCES (48 CANS) . . . . .	188,429	\$4,243,071
LOUISIANA (BLUE) . . . . .	14,520	220,672	6 1/2 OUNCES (24 CANS) . . . . .	1/ 61,234	1/ 556,072
WASHINGTON (DUNGENESS) . . . . .	104,362	2,295,905	13 OUNCES (24 CANS) . . . . .	1,079	25,896
OREGON AND CALIFORNIA (DUNGENESS) . . . . .	56,982	1,338,349	3 1/4 OUNCES (48 CANS) . . . . .	1,355	21,455
<b>ALASKA:</b>					
DUNGENESS . . . . .	8,454	186,368			
KING . . . . .	17,622	444,000	TOTAL . . . . .	252,097	4,846,494
TOTAL . . . . .	220,802	4,846,494			

1/ INCLUDES A SMALL PACK OF 5 OUNCE CANS, PACKED 24 TO THE CASE.

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZED CASES CONVERTED TO THE EQUIVALENT OF FORTY-EIGHT CANS TO THE CASE, EACH CAN CONTAINING 6 1/2 OUNCES OF CRAB MEAT. CRABS WERE CANNED IN 6 PLANTS IN LOUISIANA, 21 IN WASHINGTON, 9 IN OREGON, 10 IN ALASKA, AND 1 PLANT EACH IN MARYLAND, NORTH CAROLINA, SOUTH CAROLINA, GEORGIA, ALABAMA, MISSISSIPPI, AND CALIFORNIA.

## PACK OF CANNED OYSTERS, 1948

STANDARD CASES			ACTUAL CASES		
STATE	CASES	VALUE	CAN AND CASE SIZES	CASES	VALUE
NORTH CAROLINA, SOUTH CAROLINA AND ALABAMA . . . . .	73,196	\$838,699	4 2/3 OUNCES NET (48 CANS) . . . . .	209,912	\$2,822,890
MISSISSIPPI . . . . .	85,673	1,157,740	5 OUNCES NET (48 CANS) . . . . .	70,082	1,162,189
LOUISIANA . . . . .	114,722	1,486,177	6 1/2 OUNCES NET (48 CANS) . . . . .	35,927	511,102
WASHINGTON AND OREGON . . . . .	83,489	1,294,915	8 OUNCES NET (48 CANS) . . . . .	2,395	56,103
			OTHER SIZES (STANDARD CASES) . . . . .	17,934	225,247
TOTAL . . . . .	357,080	4,777,531	TOTAL . . . . .	336,250	4,777,531

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZED CASES CONVERTED TO THE EQUIVALENT OF FORTY-EIGHT CANS TO THE CASE, EACH CAN CONTAINING 4 2/3 OUNCES DRAINED WEIGHT OF OYSTER MEATS. OYSTERS WERE CANNED IN 2 PLANTS IN NORTH CAROLINA, 3 IN SOUTH CAROLINA, 13 IN MISSISSIPPI, 18 IN LOUISIANA, 10 IN WASHINGTON, AND 1 EACH IN ALABAMA AND OREGON.



PACK OF CANNED CLAMS AND CLAM PRODUCTS, 1948

PRODUCT, STATE AND NUMBER OF PLANTS	STANDARD CASES					
	WHOLE AND MINCED		CHOWDER, JUICE, BROTH AND NECTAR		TOTAL	
	CASES	VALUE	CASES	VALUE	CASES	VALUE
SOFT CLAMS:						
MAINE (12) . . . . .	107,177	\$1,098,863	166,521	\$945,204	273,698	\$2,044,067
RAZOR CLAMS:						
WASHINGTON (4) . . . . .	9,393	161,312	-	-	9,393	161,312
ALASKA (11) . . . . .	27,539	494,402	-	-	27,539	494,402
TOTAL RAZOR CLAMS . . . . .	36,932	655,714	-	-	36,932	655,714
HARD CLAMS: 1/						
MASSACHUSETTS (1) RHODE ISLAND (1)						
NEW YORK (6) . . . . .	19,332	164,843	67,072	357,631	86,404	522,474
NEW JERSEY (1) PENNSYLVANIA (1)						
MARYLAND (1) . . . . .	-	-	770,685	4,989,857	770,685	4,989,857
WASHINGTON (4) . . . . .	9,679	108,684	2,100	6,856	11,779	115,540
ALASKA (1) . . . . .	74	1,380	202	607	276	1,987
TOTAL HARD CLAMS . . . . .	29,085	274,907	840,059	5,354,951	869,144	5,629,858
GRAND TOTAL (43) . . . . .	173,194	2,029,484	1,006,580	6,300,155	1,179,774	8,329,639
CAN SIZE AND NUMBER OF CANS TO CASE	ACTUAL CASES					
	WHOLE AND MINCED		CHOWDER, JUICE, BROTH AND NECTAR		TOTAL	
	CASES	VALUE	CASES	VALUE	CASES	VALUE
TIN:						
5 1/2 OUNCES (5 CANS) . . . . .	25,151	\$284,073	-	-	25,151	\$284,073
96 OUNCES (6 CANS) . . . . .	-	-	2,922	\$21,391	2,922	21,391
51 OUNCES (12 CANS) . . . . .	-	-	67,793	534,153	67,793	534,153
5 OUNCES (24 CANS) . . . . .	56,231	339,341	-	-	56,231	339,341
10 OUNCES (24 CANS) . . . . .	14,483	139,175	15,775	63,879	30,258	203,054
12 OUNCES (24 CANS) . . . . .	-	-	10,485	27,363	10,485	27,363
15 OUNCES (24 CANS) . . . . .	-	-	232,531	1,032,023	232,531	1,032,023
20 OUNCES (24 CANS) . . . . .	-	-	11,964	41,674	11,964	41,674
3 1/2 OUNCES (48 CANS) . . . . .	16,335	186,487	-	-	16,335	186,487
4 OUNCES (48 CANS) . . . . .	33,756	486,492	-	-	33,756	486,492
5 OUNCES (48 CANS) . . . . .	29,540	360,175	-	-	29,540	360,175
8 OUNCES (48 CANS) . . . . .	2,393	40,015	-	-	2,393	40,015
15 OUNCES (48 CANS) . . . . .	-	-	135	607	135	607
OTHER SIZES (STANDARD CASES) . . . . .	26,721	193,726	708,338	4,551,292	735,059	4,745,018
TOTAL TIN PACK . . . . .	204,610	2,029,484	1,049,943	6,272,382	1,254,553	8,301,866
GLASS:						
MISCELLANEOUS SIZES (STANDARD CASES) . . . . .	-	-	7,556	27,773	7,556	27,773
GRAND TOTAL . . . . .	204,610	2,029,484	1,057,499	6,300,155	1,262,109	8,329,639

1/ INCLUDES THE PACK OF SURF CLAMS IN NEW YORK.

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZED CASES CONVERTED TO THE EQUIVALENT OF 48 NO. 1 CANS, EACH CAN OF WHOLE AND MINCED CLAMS CONTAINING 5 OUNCES OF MEAT, DRAINED WEIGHT; AND EACH CAN OF CHOWDER, JUICE, BROTH AND NECTAR, 10 OUNCES GROSS CONTENT. THE PRODUCTION OF CANNED WHOLE CLAMS TOTALED 61,850 STANDARD CASES, VALUED AT \$760,126; MINCED CLAMS, 111,344 STANDARD CASES, VALUED AT \$1,269,359; CLAM CHOWDER, 983,584 STANDARD CASES, VALUED AT \$6,219,480; AND CANNED CLAM JUICE, BROTH AND NECTAR, 22,996 STANDARD CASES, VALUED AT \$80,675.

PACK OF CANNED SHRIMP, 1948

STATE	STANDARD CASES		SIZE	ACTUAL CASES	
	CASES	VALUE		CASES	VALUE
MISSISSIPPI . . . . .	76,917	\$1,095,964	5 OUNCES NET (48 CANS) . . . . .	1/ 546,126	\$7,601,078
LOUISIANA . . . . .	444,543	6,104,539	7 OUNCES NET (48 CANS) . . . . .	9,103	190,235
GEORGIA, ALABAMA AND CALIFORNIA . . . . .	37,410	590,810	TOTAL . . . . .	555,229	7,791,313
TOTAL . . . . .	558,870	7,791,313			

1/ INCLUDES A SMALL PACK OF ANOTHER SIZE CONVERTED TO "STANDARD CASES".

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZED CASES CONVERTED TO THE EQUIVALENT OF FORTY-EIGHT CANS OF 5 OUNCES EACH. SHRIMP WERE CANNED IN 16 PLANTS IN MISSISSIPPI, 37 IN LOUISIANA, 2 IN ALABAMA, AND 1 PLANT EACH IN GEORGIA AND CALIFORNIA.

## NUMBER OF PLANTS PRODUCING FISHERY BYPRODUCTS, 1948

PRODUCT	ATLANTIC AND GULF COASTS <sup>1/</sup>	PACIFIC COAST AND ALASKA	TOTAL
OYSTER AND MARINE CLAM-SHELL PRODUCTS:			
CRUSHED SHELL FOR POULTRY FEED . . . . .	16	7	23
SHELL LIME:			
BURNED . . . . .	2	-	2
UNBURNED . . . . .	15	6	21
FRESH-WATER MUSSEL-SHELL PRODUCTS:			
BUTTONS . . . . .	16	-	16
CRUSHED SHELL FOR POULTRY FEED . . . . .	4	-	4
LIME AND DUST . . . . .	4	-	4
MISCELLANEOUS MUSSEL-SHELL PRODUCTS . . . . .	5	-	5
MARINE PEARL-SHELL BUTTONS . . . . .	24	-	24
ACIDULATED SCRAP, MENHADEN . . . . .	2	-	2
DRIED SCRAP AND MEAL:			
ANCHOVY . . . . .	-	6	6
ALEWIFE . . . . .	1	-	1
CRAB:			
BLUE . . . . .	8	-	8
DUNGENESS . . . . .	-	2	2
HORSESHOE . . . . .	1	-	1
FUR SEAL . . . . .	-	1	1
GROUND FISH (INCLUDING ROSEFISH) . . . . .	10	-	10
HERRING . . . . .	8	17	25
LOBSTER . . . . .	1	-	1
MENHADEN . . . . .	31	-	31
PILCHARD . . . . .	-	53	53
SALMON . . . . .	-	8	8
SHARK . . . . .	1	2	3
SHRIMP . . . . .	35	-	35
TUNA AND MACKEREL . . . . .	-	38	38
WHALE:			
MEAT . . . . .	3	1	4
BONE . . . . .	-	1	1
MISCELLANEOUS DRIED SCRAP AND MEAL . . . . .	13	14	27
OIL:			
WHOLE FISH AND FISH WASTE OIL:			
ALEWIFE . . . . .	1	-	1
ANCHOVY . . . . .	-	6	6
BLACKFISH . . . . .	1	-	1
FUR SEAL . . . . .	-	1	1
HERRING . . . . .	7	22	29
MENHADEN . . . . .	30	-	30
PILCHARD . . . . .	-	53	53
ROSEFISH . . . . .	3	-	3
SALMON:			
EDIBLE . . . . .	-	3	3
INDUSTRIAL . . . . .	-	9	9
TUNA AND MACKEREL . . . . .	-	40	40
WHALE:			
BODY . . . . .	3	1	4
SPERM . . . . .	-	1	1
MISCELLANEOUS . . . . .	2	9	11
LIVER AND VISCERA OIL:			
BURBOT . . . . .	1	-	1
COD . . . . .	8	-	8
HALIBUT . . . . .	2	5	7
ROCKFISH . . . . .	1	-	1
SHARK . . . . .	2	16	18
SWORDFISH . . . . .	2	-	2
TUNA . . . . .	3	3	6
MIXED LIVER OILS . . . . .	-	7	7
VISCERA . . . . .	1	2	2
AGAR-AGAR . . . . .	-	2	2
FISH SOLUBLES . . . . .	4	8	12
GLUE . . . . .	4	1	5
PEARL ESSENCE . . . . .	4	-	4
KELP PRODUCTS . . . . .	-	2	2
IRISH MOSS . . . . .	2	-	2
ISINGLASS . . . . .	1	-	1
HOMOGENIZED CONDENSED FISH . . . . .	1	-	1
CRAB SHELLS (FOR TABLE USE) . . . . .	2	-	2
FISH CHJM (FOR BAIT) . . . . .	-	1	1
TOTAL, EXCLUSIVE OF DUPLICATION . . . . .	179	119	298

<sup>1/</sup> INCLUDES FIRMS IN THE GREAT LAKES AND MISSISSIPPI RIVER STATES WHICH ENGAGED IN THE PRODUCTION OF FRESH-WATER MUSSEL-SHELL PRODUCTS, AND BURBOT-LIVER OIL.

NOTE:--LISTS OF PRODUCERS OF FISHERY PRODUCTS CAN BE OBTAINED FROM THE FISH AND WILDLIFE SERVICE, WASHINGTON 25, D. C.

## PRODUCTION OF MARINE-ANIMAL SCRAP AND MEAL, 1948

PRODUCT	ATLANTIC AND GULF COAST		PACIFIC COAST (INCLUDING ALASKA) 1/		TOTAL	
	TONS	VALUE	TONS	VALUE	TONS	VALUE
MEAL AND DRIED SCRAP:						
ANCHOVY . . . . .	-	-	163	\$21,517	163	\$21,517
CRAB, BLUE . . . . .	5,151	\$266,761	-	-	5,151	266,761
FUR SEAL . . . . .	-	-	341	36,996	341	36,996
GROUND FISH ("WHITE FISH")						
INCLUDING ROSEFISH . . . . .	21,780	2,872,544	-	-	21,780	2,872,544
HERRING . . . . .	4,632	431,221	13,054	1,633,821	17,686	2,065,042
MENHADEN . . . . .	2/ 104,058	11,560,914	-	-	104,058	11,560,914
PILCHARD . . . . .	-	-	19,076	2,614,616	19,076	2,614,616
SALMON . . . . .	-	-	1,152	112,223	1,152	112,223
SHARK . . . . .	(3)	(3)	4/ 106	4/ 11,178	106	11,178
SHRIMP . . . . .	724	49,016	-	-	724	49,016
TUNA AND MACKEREL . . . . .	-	-	21,305	2,757,778	21,305	2,757,778
WHALE:						
MEAT . . . . .	10	700	59	4,720	69	5,420
BONE . . . . .	-	-	60	3,000	60	3,000
MISCELLANEOUS . . . . .	5/ 3,124	319,591	6/ 4,749	392,138	7,873	711,729
TOTAL . . . . .	139,479	15,500,747	60,065	7,587,987	199,544	23,088,734

1/ INCLUDES SMALL PRODUCTION OF UNCLASSIFIED MEAL IN MINNESOTA, AND SHARK MEAL IN FLORIDA.

2/ A SMALL PRODUCTION OF ACIDULATED SCRAP HAS BEEN INCLUDED WITH DRY SCRAP AND MEAL.

3/ INCLUDED WITH WEST COAST PRODUCTION.

4/ INCLUDES FLORIDA PRODUCTION.

5/ INCLUDES THE PRODUCTION OF COD-LIVER PRESS CAKE, FISH POMACE, AND ALEWIFE, HORSESHOE CRAB, LOBSTER, AND MISCELLANEOUS FISH SCRAP AND MEAL.

6/ INCLUDES A SMALL PRODUCTION OF UNCLASSIFIED MEAL IN MINNESOTA, AND DUNGENESS CRAB AND MISCELLANEOUS SCRAP AND MEAL ON THE PACIFIC COAST.

## PRODUCTION OF MARINE-ANIMAL OIL, 1948

PRODUCT	ATLANTIC AND GULF COASTS 1/		PACIFIC COAST (INCLUDING ALASKA)		TOTAL	
	GALLONS	VALUE	GALLONS	VALUE	GALLONS	VALUE
FROM BODY AND WASTE:						
ANCHOVY . . . . .	-	-	15,407	\$15,320	15,407	\$15,320
FUR SEAL . . . . .	-	-	47,711	42,484	47,711	42,484
HERRING . . . . .	102,270	\$86,077	3,541,267	3,918,173	3,643,537	4,004,250
MENHADEN . . . . .	8,763,939	10,132,179	-	-	8,763,939	10,132,179
PILCHARD . . . . .	-	-	2,328,572	2,457,858	2,328,572	2,457,858
SALMON:						
EDIBLE . . . . .	-	-	22,065	77,228	22,065	77,228
INDUSTRIAL . . . . .	-	-	94,331	92,450	94,331	92,450
TUNA AND MACKEREL . . . . .	-	-	660,515	622,110	660,515	622,110
WHALE:						
SPERM . . . . .	-	-	62,332	66,071	62,332	66,071
OTHER . . . . .	2,650	2,427	55,107	61,719	57,757	64,146
MISCELLANEOUS 2/ . . . . .	517,493	756,963	129,815	144,096	647,308	901,059
TOTAL . . . . .	9,386,352	10,977,646	6,957,122	7,497,509	16,343,474	18,475,155
FROM LIVERS AND VISCERA:						
COD . . . . .	214,127	583,426	-	-	214,127	583,426
SHARK . . . . .	(3)	(3)	3/ 434,010	3/ 6,315,232	434,010	6,315,232
TUNA . . . . .	(3)	(3)	3/ 25,459	3/ 1,094,241	25,459	1,094,241
MISCELLANEOUS 4/ . . . . .	1,995	111,286	64,546	4,403,467	66,541	4,514,753
TOTAL . . . . .	216,122	694,712	524,015	11,812,940	740,137	12,507,652
GRAND TOTAL . . . . .	9,602,474	11,672,358	7,481,137	19,310,449	17,083,611	30,982,807

1/ INCLUDES A SMALL PRODUCTION OF BURBOT LIVER OIL AND UNCLASSIFIED BODY OILS IN MINNESOTA.

2/ INCLUDES THE PRODUCTION OF ALEWIFE, BLACKFISH, ROSEFISH, AND UNCLASSIFIED BODY OILS ON THE EAST COAST, AND UNCLASSIFIED BODY OILS ON THE WEST COAST.

3/ EAST AND WEST COAST PRODUCTION COMBINED.

4/ INCLUDES THE PRODUCTION OF BURBOT, HALIBUT, ROCKFISH, AND SWORDFISH LIVER OILS ON THE EAST COAST, AND HALIBUT, LINGCOD, SABLEFISH, MIXED LIVER OILS AND VISCERA OILS ON THE WEST COAST.

## GENERAL REVIEW

## SUPPLEMENTARY REVIEW OF THE MENHADEN FISHERY, 1948

STATE	MENHADEN UTILIZED	DRY SCRAP AND MEAL		OIL		TOTAL
	POUNDS	TONS	VALUE	GALLONS	VALUE	VALUE
NEW JERSEY . . . . .	162,046,000	17,119	\$1,810,903	1,694,939	\$1,807,915	\$3,618,818
NEW YORK AND DELAWARE . . . . .	224,843,290	1/ 22,224	1/ 2,265,161	2,518,835	2,970,399	5,235,560
VIRGINIA . . . . .	152,744,590	16,086	1,853,922	812,764	1,131,540	2,985,462
NORTH CAROLINA . . . . .	198,270,420	20,939	2,546,596	1,304,732	1,355,009	3,901,605
FLORIDA . . . . .	80,276,720	1/ 8,410	1/ 988,374	274,859	301,684	1,290,058
MISSISSIPPI . . . . .	68,636,140	6,780	797,413	779,810	983,028	1,689,441
SOUTH CAROLINA, LOUISIANA AND TEXAS	121,071,680	12,500	1,298,545	1,378,000	1,682,604	2,981,149
TOTAL . . . . .	2/ 1,007,888,840	104,058	11,560,914	8,763,939	10,132,179	21,693,093

1/ A SMALL PRODUCTION OF ACIDULATED SCRAP HAS BEEN INCLUDED WITH DRY SCRAP AND MEAL PRODUCTION.

2/ 1,504,311,700 FISH

NOTE:--MENHADEN PRODUCTS WERE MANUFACTURED IN 3 PLANTS IN NEW JERSEY, 6 IN VIRGINIA, 8 IN NORTH CAROLINA, 5 IN FLORIDA, 3 IN MISSISSIPPI, 2 IN DELAWARE, AND IN 1 PLANT EACH IN NEW YORK, SOUTH CAROLINA, LOUISIANA, AND TEXAS.

## PRODUCTION OF OYSTER AND MARINE CLAM-SHELL PRODUCTS, 1948 1/

STATE	CRUSHED SHELL FOR POULTRY FEED		UNBURNED SHELL LIME		TOTAL	
	TONS	VALUE	TONS	VALUE	TONS	VALUE
NEW JERSEY . . . . .	5,344	\$77,546	1,319	\$6,424	6,663	\$83,970
PENNSYLVANIA AND MARYLAND . . . . .	29,766	263,141	17,308	73,518	44,074	336,659
VIRGINIA, FLORIDA, LOUISIANA AND TEXAS . . . . .	242,874	1,592,047	2/ 25,472	224,064	268,346	1,816,111
WASHINGTON, OREGON AND CALIFORNIA . . . . .	21,585	207,971	4,406	-29,781	25,992	237,752
TOTAL . . . . .	296,570	2,140,705	48,505	333,787	345,075	2,474,492

1/ MARINE CLAM-SHELL PRODUCTS WERE PRODUCED IN 1 PLANT IN WASHINGTON.

2/ INCLUDES A SMALL QUANTITY OF BURNED LIME PRODUCED IN VIRGINIA.

NOTE:--CRUSHED SHELL PRODUCTS WERE PREPARED IN 5 PLANTS IN NEW JERSEY, 4 PLANTS EACH IN PENNSYLVANIA AND WASHINGTON, 3 PLANTS IN VIRGINIA, 2 PLANTS EACH IN MARYLAND, TEXAS, AND CALIFORNIA, AND 1 PLANT EACH IN FLORIDA, LOUISIANA, AND OREGON.

## PRODUCTION OF FRESH-WATER MUSSEL-SHELL PRODUCTS, 1948

PRODUCT	UNIT	IOWA AND MISSOURI		NEW YORK, PENNSYLVANIA AND ILLINOIS		TOTAL	
		QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
BUTTONS . . . . .	GROSS TONS	5,688,904	\$4,261,195	1,121,231	\$1,135,316	6,810,135	\$5,396,511
CRUSHED SHELL POULTRY FEED . . . . .	TONS	1/ 852	1/ 8,522	(1)	(1)	852	8,522
LIME . . . . .	TONS	1,368	3,678	-	-	1,368	3,678
CHIPS, SHELLS AND NOVELTIES . . . . .	-	-	38,410	-	-	-	38,410
TOTAL . . . . .	-	-	4,311,805	-	1,135,316	-	5,447,121

1/ A SMALL PRODUCTION IN NEW YORK HAS BEEN INCLUDED WITH THAT IN IOWA AND MISSOURI.

NOTE:--MUSSEL SHELLS PURCHASED DURING THE YEAR AMOUNTED TO 9,657 TONS, VALUED AT \$452,343. SHELLS WERE TAKEN IN 13 STATES IN THE MISSISSIPPI RIVER AND GREAT LAKES REGION. THE PRODUCING STATES IN THE ORDER OF THEIR IMPORTANCE WERE: TENNESSEE WHICH CONTRIBUTED 40 PERCENT OF THE TOTAL QUANTITY; KENTUCKY 23 PERCENT; ALABAMA 19 PERCENT; INDIANA 9 PERCENT; ARKANSAS 5 PERCENT; ILLINOIS 4 PERCENT; AND IOWA, MICHIGAN, MINNESOTA, MISSOURI, OHIO, SOUTH DAKOTA, AND TEXAS 1 PERCENT.

PRODUCTION OF MARINE PEARL-SHELL BUTTONS, 1948 <sup>1/</sup>

STATE	GROSS	VALUE
NEW YORK . . . . .	1,358,712	\$2,248,867
NEW JERSEY . . . . .	1,333,384	2,198,112
CONNECTICUT . . . . .	1,055,467	1,914,499
PENNSYLVANIA, MARYLAND, AND IOWA . . . . .	1,226,510	2,225,513
TOTAL . . . . .	4,974,073	8,587,011

<sup>1/</sup> PRODUCED PRINCIPALLY FROM IMPORTED SHELLS.

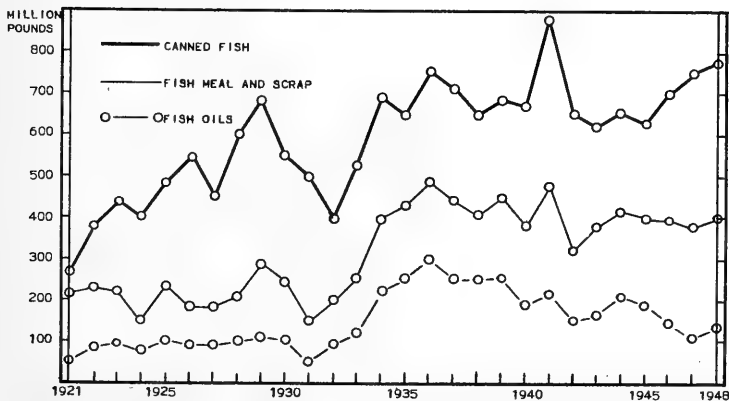
NOTE:--MARINE PEARL-SHELL BUTTONS WERE MANUFACTURED IN 4 PLANTS IN NEW YORK, 12 IN NEW JERSEY, 3 IN CONNECTICUT, 2 IN PENNSYLVANIA, 1 IN MARYLAND, AND 2 IN IOWA.

PRODUCTION OF MISCELLANEOUS BYPRODUCTS, 1948

PRODUCT	UNIT	QUANTITY	VALUE	LOCATION AND NUMBER OF PLANTS
GLUE . . . . .	GALLONS	215,400	\$502,041	MAINE 1, MASSACHUSETTS 3, CALIFORNIA 1
FISH SOLUBLES . . . . .	POUNDS	32,117,494	1,471,723	MASSACHUSETTS 3, MISSISSIPPI 1, OREGON 1, CALIFORNIA 7
MISCELLANEOUS <sup>1/</sup> . . . . .	-	-	7,311,694	MAINE 6, MASSACHUSETTS 3, NORTH CAROLINA 2, SOUTH CAROLINA 1, CALIFORNIA 5
TOTAL . . . . .	-	-	9,285,458	

<sup>1/</sup> INCLUDES THE PRODUCTION OF AGAR-AGAR, KELP PRODUCTS, PEARL ESSENCE, ISINGLASS, IRISH MOSS, FISH CHUM (BAIT), HOMOGENIZED CONDENSED FISH, AND CRAB SHELLS.

PRODUCTION OF CANNED FISH, FISH MEALS, AND OILS, 1921 - 1948



PACK OF CANNED FISHERY PRODUCTS: STANDARD CANS, 1921-1948

YEAR	SARDINES										SALMON										MISCELLANEOUS FISHERY PRODUCTS									
	PACIFIC COAST STATES		ALASKA		TOTAL		MAINE, MASSACHUSETTS AND NEW HAMPSHIRE		CALIFORNIA AND OREGON		PACIFIC COAST STATES		ALASKA		TOTAL		OTHER SHELLFISH, ETC.		OTHER FISH		TOTAL		GRAND TOTAL							
	CASES	VALUE	CASES	VALUE	CASES	VALUE	CASES	VALUE	CASES	VALUE	CASES	VALUE	CASES	VALUE	CASES	VALUE	CASES	VALUE	CASES	VALUE	CASES	VALUE	CASES	VALUE						
1921-1930 Av.	1,197,896	\$11,170,561	4,860,058	\$33,853,502	6,007,953	\$45,812,063	1,677,265	\$6,031,760	1,763,474	\$6,967,478	1,327,293	\$7,979,327	2,229,293	\$17,979,327	2,229,293	\$17,979,327	2,229,293	\$17,979,327	2,229,293	\$17,979,327	2,229,293	\$17,979,327	2,229,293	\$17,979,327	2,229,293	\$17,979,327				
1931-1935 Av.	1,347,706	\$12,301,890	5,699,775	\$28,513,777	7,047,581	\$40,815,667	1,642,116	\$2,974,505	1,710,387	\$3,048,912	1,367,501	\$8,000,828	2,734,999	\$16,001,627	2,734,999	\$16,001,627	2,734,999	\$16,001,627	2,734,999	\$16,001,627	2,734,999	\$16,001,627	2,734,999	\$16,001,627	2,734,999	\$16,001,627				
1936	5,940,404	\$54,755,770	24,630,330	\$118,513,777	30,570,734	\$133,267,554	7,500,000	\$16,500,000	7,500,000	\$16,500,000	5,940,404	\$54,755,770	24,630,330	\$118,513,777	30,570,734	\$133,267,554	30,570,734	\$133,267,554	30,570,734	\$133,267,554	30,570,734	\$133,267,554	30,570,734	\$133,267,554	30,570,734	\$133,267,554				
1937	885,372	\$8,386,165	3,669,665	\$44,571,769	4,555,037	\$52,958,934	1,680,240	\$4,998,373	2,612,455	\$7,592,717	1,367,501	\$8,000,828	2,734,999	\$16,001,627	2,734,999	\$16,001,627	1,367,501	\$4,998,373	1,367,501	\$4,998,373	1,367,501	\$4,998,373	1,367,501	\$4,998,373	1,367,501	\$4,998,373				
1938	472,721	\$4,728,892	3,606,998	\$36,366,817	4,079,719	\$40,095,709	1,680,240	\$4,998,373	2,612,455	\$7,592,717	1,367,501	\$8,000,828	2,734,999	\$16,001,627	2,734,999	\$16,001,627	1,680,240	\$4,998,373	1,680,240	\$4,998,373	1,680,240	\$4,998,373	1,680,240	\$4,998,373	1,680,240	\$4,998,373				
1939	535,663	\$5,356,633	3,147,426	\$31,474,262	3,683,052	\$36,830,898	1,210,466	\$2,420,932	1,210,466	\$2,420,932	535,663	\$5,356,633	3,147,426	\$31,474,262	3,683,052	\$36,830,898	1,210,466	\$2,420,932	1,210,466	\$2,420,932	1,210,466	\$2,420,932	1,210,466	\$2,420,932	1,210,466	\$2,420,932				
1940	959,032	\$9,590,321	4,079,719	\$40,797,191	5,058,738	\$50,587,380	1,727,482	\$3,454,964	1,727,482	\$3,454,964	959,032	\$9,590,321	4,079,719	\$40,797,191	5,058,738	\$50,587,380	1,727,482	\$3,454,964	1,727,482	\$3,454,964	1,727,482	\$3,454,964	1,727,482	\$3,454,964	1,727,482	\$3,454,964				
1941	387,760	\$3,877,600	1,619,177	\$16,191,771	2,006,937	\$20,069,371	712,748	\$1,425,496	712,748	\$1,425,496	387,760	\$3,877,600	1,619,177	\$16,191,771	2,006,937	\$20,069,371	712,748	\$1,425,496	712,748	\$1,425,496	712,748	\$1,425,496	712,748	\$1,425,496	712,748	\$1,425,496				
1942	114,548	\$1,145,480	531,900	\$5,319,000	646,448	\$6,464,480	114,548	\$1,145,480	114,548	\$1,145,480	114,548	\$1,145,480	531,900	\$5,319,000	646,448	\$6,464,480	646,448	\$6,464,480	646,448	\$6,464,480	646,448	\$6,464,480	646,448	\$6,464,480	646,448	\$6,464,480				
1943	75,308	\$753,080	319,483	\$3,194,830	394,791	\$3,947,910	75,308	\$753,080	75,308	\$753,080	75,308	\$753,080	319,483	\$3,194,830	394,791	\$3,947,910	394,791	\$3,947,910	394,791	\$3,947,910	394,791	\$3,947,910	394,791	\$3,947,910	394,791	\$3,947,910				
1944	86,942	\$869,420	361,458	\$3,614,580	448,400	\$4,484,000	86,942	\$869,420	86,942	\$869,420	86,942	\$869,420	361,458	\$3,614,580	448,400	\$4,484,000	448,400	\$4,484,000	448,400	\$4,484,000	448,400	\$4,484,000	448,400	\$4,484,000	448,400	\$4,484,000				
1945	55,514	\$555,140	236,795	\$2,367,950	292,309	\$2,923,090	55,514	\$555,140	55,514	\$555,140	55,514	\$555,140	236,795	\$2,367,950	292,309	\$2,923,090	292,309	\$2,923,090	292,309	\$2,923,090	292,309	\$2,923,090	292,309	\$2,923,090	292,309	\$2,923,090				
1946	199,078	\$1,990,780	823,767	\$8,237,670	1,022,845	\$10,228,450	199,078	\$1,990,780	199,078	\$1,990,780	199,078	\$1,990,780	823,767	\$8,237,670	1,022,845	\$10,228,450	1,022,845	\$10,228,450	1,022,845	\$10,228,450	1,022,845	\$10,228,450	1,022,845	\$10,228,450	1,022,845	\$10,228,450				
1947	339,016	\$3,390,160	1,405,391	\$14,053,910	1,744,407	\$17,444,070	339,016	\$3,390,160	339,016	\$3,390,160	339,016	\$3,390,160	1,405,391	\$14,053,910	1,744,407	\$17,444,070	1,744,407	\$17,444,070	1,744,407	\$17,444,070	1,744,407	\$17,444,070	1,744,407	\$17,444,070	1,744,407	\$17,444,070				
1948	220,802	\$2,208,020	946,494	\$9,464,494	1,167,296	\$11,672,960	220,802	\$2,208,020	220,802	\$2,208,020	220,802	\$2,208,020	946,494	\$9,464,494	1,167,296	\$11,672,960	1,167,296	\$11,672,960	1,167,296	\$11,672,960	1,167,296	\$11,672,960	1,167,296	\$11,672,960	1,167,296	\$11,672,960				

NOTE: 1--THE STANDARD CANS LISTED ABOVE FOR 1930-1940 REPRESENT THE SAME SIZE CASE USED IN THE INDIVIDUAL PACK TABLES IN THIS SECTION.

NOTE: 2--REPRESENTS 5-YEAR AVERAGE, 1922-1930.

NOTE: 3--REPRESENTS 4-YEAR AVERAGE, 1927-1930, INCLUSIVE.

PRODUCTION OF FISHERY BYPRODUCTS, 1921-1948

YEAR	MENHADEN DRIED SCRAP AND MEAL		MENHADEN ACIDULATED SCRAP		HERRING MEAL		PILCHARD MEAL		TUNA AND MACKEREL MEAL		OTHER MEAL, DRIED AND GREEN SCRAP	
	TONS	VALUE	TONS	VALUE	TONS	VALUE	TONS	VALUE	TONS	VALUE	TONS	VALUE
1921-1930 AV.	347,109	\$1,587,715	28,374	\$675,584	11	11	2/ 225,726	2/ \$1,241,001	2/ 3,7047	2/ \$151,334	34,163	\$1,758,101
1931-1935 AV.	31,488	935,645	15,407	257,799	12,634	383,3085	55,494	1,648,972	8,550	226,263	23,421	87,215
1936	42,411	1,471,710	23,482	359,615	16,780	593,357	121,753	3,968,365	11,847	389,469	27,519	1,004,002
1937	30,724	1,570,620	21,816	318,186	17,470	592,588	89,927	3,437,692	11,224	369,401	25,230	882,190
1938	33,274	1,570,620	21,816	318,186	17,470	592,588	89,927	3,437,692	11,224	369,401	25,230	882,190
1939	32,950	2,224,920	15,853	265,850	18,222	563,429	96,947	4,103,638	12,084	404,571	30,046	1,271,192
1940	26,249	2,423,229	15,520	271,533	9,216	380,134	69,975	3,007,275	14,955	610,007	27,329	1,141,213
1941	55,316	4,008,355	11,029	242,792	12,520	847,116	97,972	5,942,472	8,693	484,886	31,307	1,570,152
1942	50,504	3,362,279	2,554	58,520	5,591	386,059	71,828	5,310,337	7,144	465,481	33,419	2,021,383
1943	66,357	4,766,672	1,895	58,821	9,170	600,280	75,611	5,775,932	7,766	505,799	29,944	1,832,248
1944	69,170	4,913,224	2,922	111,104	14,212	1,044,861	86,186	6,192,600	6,648	646,458	30,999	1,946,775
1945	54,522	3,403,116	1,027	54,500	10,846	823,692	90,860	4,233,685	19,548	1,330,624	32,189	1,530,624
1946	98,602	10,883,882	6,332	26,893	18,454	2,649,474	16,715	2,556,038	19,761	2,095,321	32,276	3,265,893
1947	104,059	11,560,914	(4)		17,685	2,085,042	19,076	2,614,616	21,305	2,757,778	37,419	4,050,384

YEAR	MENHADEN OIL		HERRING OIL		PILCHARD OIL		TUNA AND MACKEREL OIL		WHALE AND SPERM OIL	
	GALLONS	VALUE	GALLONS	VALUE	GALLONS	VALUE	GALLONS	VALUE	GALLONS	VALUE
1921-1930 AV.	4,200,399	\$1,982,112	2,003,736	\$979,716	2,770,878	\$1,356,437	2,185,854	\$1,053,933	1,705,248	\$78,544
1931-1935 AV.	3,830,879	3,16,230	3,709,586	984,705	6,336,079	6,336,079	38,914	38,914	4,154,966	1,707,581
1936	4,830,879	1,249,708	3,16,230	984,705	5,993,216	5,993,216	61,514	61,514	9,226,289	4,170,001
1937	3,925,613	1,456,333	5,623,045	1,714,548	17,539,567	17,539,567	278,879	278,879	8,181,058	3,184,058
1938	4,189,129	1,173,667	4,579,565	1,298,831	6,078,317	6,078,317	40,361	40,361	5,550,230	1,132,671
1939	6,005,414	1,624,024	4,847,512	1,157,418	19,996,422	19,996,422	447,326	447,326	2,561,164	1,132,671
1940	5,774,671	1,304,720	2,241,169	606,722	12,626,849	12,626,849	317,236	317,236	3,581,518	1,132,671
1941	6,034,050	2,829,441	3,041,315	1,953,545	18,125,147	18,125,147	9,879,290	250,517	100,048	15,907
1942	5,123,760	3,809,112	1,995,403	1,646,565	12,506,958	12,506,958	8,677,750	214,932	131,062	31,433
1943	6,057,111	3,725,498	1,387,281	1,603,078	18,068,983	18,068,983	317,236	317,236	171,774	37,684
1944	8,335,094	5,650,594	2,663,546	1,785,040	11,882,994	11,882,994	7,926,147	304,143	173,452	5,135
1945	9,328,648	6,033,032	3,532,454	4,292,776	4,866,567	4,866,567	359,437	359,437	395,475	-
1946	8,473,371	11,425,497	3,875,024	4,144,643	2,103,965	2,103,965	6,843,376	6,843,376	958,998	70,007
1947	10,132,179	11,425,497	3,875,024	4,144,643	2,103,965	2,103,965	748,017	748,017	622,110	130,217
1948	8,763,939	10,132,179	3,643,537	4,004,250	2,328,572	2,328,572	2,457,858	2,457,858	660,515	-

YEAR	LIVER OILS		OTHER MARINE ANIMAL OILS		FRESH-WATER MUSSEL-SHELL PRODUCTS		MARINE PEARL-SHELL PRODUCTS		OTHER BYPRODUCTS		GRAND TOTAL	
	GALLONS	VALUE	GALLONS	VALUE	TONS	VALUE	TONS	VALUE	TONS	VALUE	TONS	VALUE
1921-1930 AV.	3/ 109,410	3/ \$912,476	5/ 459,292	5/ \$222,121	308,823	\$2,455,768	7/ \$4,544,147	\$1,001,606	8/ \$17,946,654			
1931-1935 AV.	38,410	2,406,095	325,814	114,243	374,402	1,606,093	4,210,168	3,469,686	1,389,761	3,469,686	3,469,686	
1936	347,921	2,406,095	325,814	114,243	382,718	1,672,343	4,791,205	4,077,899	1,398,911	3,469,686	3,469,686	
1937	505,203	2,406,095	325,814	114,243	339,425	1,416,557	2,698,679	5,179,503	1,915,250	3,469,686	3,469,686	
1938	677,975	4,471,668	363,899	106,241	386,005	1,539,557	4,492,342	4,627,413	1,388,636	30,576,367	30,576,367	
1939	1,790,621	5,089,155	373,384	183,468	1,479,847	4,479,847	2,489,434	5,399,720	3,354,259	34,038,814	34,038,814	
1940	1,233,242	14,871,588	565,298	334,395	395,088	1,985,253	4,889,437	6,236,714	2,851,970	30,554,289	30,554,289	
1941	851,864	14,871,588	692,892	486,476	466,037	5,064,271	5,064,271	5,528,421	3,516,548	56,801,074	56,801,074	
1942	1,804,268	14,871,588	597,950	485,391	509,285	2,820,988	1,022,028	4,690,593	3,364,653	39,136,266	39,136,266	
1943	1,804,268	14,871,588	597,950	485,391	509,285	2,820,988	1,022,028	4,690,593	3,364,653	59,210,605	59,210,605	
1944	895,884	13,476,590	618,020	658,863	300,433	2,270,853	5,629,578	5,635,904	6,964,960	70,642,850	70,642,850	
1945	832,510	11,643,468	633,631	830,500	501,393	3,263,158	9/ 8,166,100	7,902,000	7,130,156	80,592,327	80,592,327	
1946	740,133	12,507,652	826,822	1,128,541	345,075	2,474,492	5,447,121	8,587,011	9,285,458	79,865,623	79,865,623	

1/ INCLUDED WITH OTHER MEAL, DRIED SCRAP, AND CRUDE OR GREEN SCRAP. 2/ REPRESENTS AVERAGE FOR 1926-1930, SINCE PREVIOUS DATA ARE NOT AVAILABLE. 3/ REPRESENTS AVERAGE FOR 1931-1935, INCLUDING, SINCE DATA FOR 1931 ARE NOT AVAILABLE. 4/ A SMALL PRODUCTION OF ACIDULATED SCRAP AND MEAL IN 1931. 5/ REPRESENTS AVERAGE FOR 1929 AND 1930 SINCE DATA FOR EARLIER YEARS ARE NOT AVAILABLE. 6/ REPRESENTS VALUE OF PRODUCTION FOR 1930 ONLY, SINCE DATA FOR EARLIER YEARS ARE NOT AVAILABLE. 7/ VALUE OF MUSSEL-SHELL AND PEARL-SHELL PRODUCTS ARE NOT INCLUDED, 1921-1925. 8/ REPRESENTS PREVIOUSLY PUBLISHED CENSUS DATA. 9/

## PACKAGED FISH

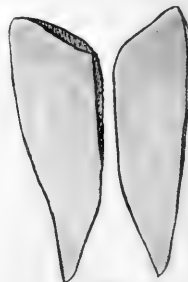
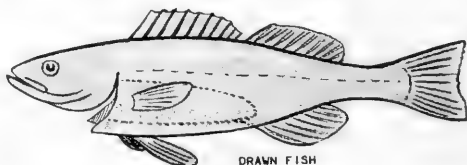
The production of fresh and frozen packaged fish (fillets, steaks, and split butterfly) in continental United States during 1948 totaled 189,296,991 pounds, valued at \$47,641,575 to the processor. These data do not include the production of pan-dressed fish, which in 1947 amounted to 27,111,928 pounds, valued at \$2,708,054. When compared with similar data for 1947 (excluding pan-dressed fish), the 1948 production increased 21 percent in volume and 15 percent in value.

Rosefish and flounder packaging showed substantial gains during 1948, while decreases occurred in the production of packaged cod, haddock and whiting.

Fillets from rosefish, which totaled 67,695,765 pounds were the largest single item of packaged fish produced during 1948. The production of this item showed an increase of 44 percent in volume and 32 percent in value compared with 1947. Haddock, with 42,219,022 pounds, and flounders with 23,466,367 pounds were second and third respectively. Rosefish, with a value of \$14,407,895 was the most valuable species, followed by haddock (\$11,853,036) and flounders (\$8,102,097). Of the packaged fish reported, 95 percent was filleted, 3 percent was steaked, and 2 percent was split 'butterflied'.

Because of the importance of the groundfish fishery in New England, that area continued to lead all others in the packaged fish industry by producing 80 percent (151,000,000 pounds) of the 1948 domestic production. The Pacific Coast States accounted for 12 percent; the Middle Atlantic States, 5 percent; the Great Lakes, 2 percent; and the Chesapeake, South Atlantic and Gulf States, 1 percent.

Data in this section cannot be correlated directly with that information published in the section on Manufactured Fishery Products, as that section includes a small production in Alaska which is not included in the following tables. Data on the production of packaged fish during 1948 were previously published in 'Current Fishery Statistics No. 492' Revised.





## SUMMARY OF PRODUCTION OF PACKAGED FISH, 1948

ITEM	FILLETS		STEAKS		SPLIT "BUTTERFLY"		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FRESH . . . . .	53,356,057	\$16,029,862	253,352	\$101,279	237,400	\$68,486	53,646,809	\$16,199,627
FROZEN . . . . .	125,944,338	28,665,471	5,335,260	2,108,448	4,170,584	668,029	135,450,182	31,441,948
TOTAL . . . . .	179,300,395	44,695,333	5,588,612	2,209,727	4,407,984	736,515	189,296,991	47,641,575

## PRODUCTION OF PACKAGED FISH: BY METHOD OF PREPARATION, 1948

SPECIES	FILLETS			
	FRESH		FROZEN	
	POUNDS	VALUE	POUNDS	VALUE
BLUE PIKE . . . . .	1,790,198	\$751,005	302,115	\$138,159
COD . . . . .	7,214,691	1,950,457	6,664,169	1,539,184
CROAKER . . . . .	(1)	(1)		
CUSK . . . . .	653,000	141,634	122,672	25,435
FLOUNDER\$ . . . . .	12,600,740	4,619,803	10,865,627	3,482,294
GROUPERS . . . . .	(1)	(1)	152,000	56,500
HADDOCK . . . . .	19,705,975	5,772,737	22,513,047	6,080,299
HAKE . . . . .	1,120,264	211,916	867,162	127,600
HALIBUT . . . . .	23,882	8,459	118,653	57,993
HERRING, LAKE . . . . .	83,203	18,796	93,084	16,476
LAKE TROUT . . . . .	123,400	57,455	8,800	4,575
LINGCOD . . . . .	561,611	109,979	719,040	155,298
MACKEREL . . . . .	678,742	141,658	1,932,938	390,158
PIKE OR PICKEREL . . . . .	19,499	7,060	7,876	2,863
POLLOCK . . . . .	2,247,688	323,695	8,953,380	1,319,390
ROCKFISHES . . . . .	2,387,947	428,909	2,511,032	465,603
ROSEFISH (OCEAN PERCH) . . . . .	686,890	153,676	67,008,875	14,254,219
SABLEFISH . . . . .	3,994	625	11,234	2,210
SALMON . . . . .	212,550	66,604	106,820	53,316
SAUGER . . . . .	694,929	309,024	105,927	44,970
SEA BASS . . . . .	2/ 84,000	2/ 28,780	91,997	44,970
SEA TROUT, GRAY . . . . .	(1)	(1)	(1)	(1)
SMELT . . . . .	(1)	(1)	2/ 19,792	2/ 2,828
SPANISH MACKEREL . . . . .	61,200	28,018	125,745	36,667
TUNA . . . . .	(1)	(1)	2/ 353,150	2/ 52,960
WHITE BASS . . . . .	2/ 3,778	2/ 1,830	(1)	(1)
WHITEFISH . . . . .	220,470	109,012	4,300	2,050
WHITING . . . . .	85,250	10,278	1,010,893	152,795
WOLFFISH . . . . .	65,480	18,598	148,474	46,402
YELLOW PERCH . . . . .	424,978	231,207	37,396	20,101
YELLOW PIKE . . . . .	619,501	318,825	32,690	17,512
UNCLASSIFIED . . . . .	3/ 881,594	3/ 181,030	4/ 1,218,213	4/ 130,539
TOTAL . . . . .	53,256,454	16,000,070	126,001,174	28,678,405

SPECIES	STEAKS			
	FRESH		FROZEN	
	POUNDS	VALUE	POUNDS	VALUE
GROUPERS . . . . .	2/ 263,259	2/ \$99,950	(1)	(1)
HALIBUT . . . . .	(1)	(1)	2/ 3,085,699	2/ \$1,239,251
LINGCOD . . . . .	(1)	(1)	2/ 470,283	2/ 77,565
SABLEFISH . . . . .	(1)	(1)	56,758	11,963
SALMON . . . . .	(1)	(1)	2/ 1,597,023	2/ 721,800
SEA BASS . . . . .			(1)	(1)
SNAPPER, RED . . . . .	56,248	28,877	30,000	15,000
SMORDFISH . . . . .	-	-	25,433	18,432
TUNA . . . . .	-	-	(1)	(1)
UNCLASSIFIED . . . . .	(1)	(1)	5/ 31,676	5/ 6,638
TOTAL . . . . .	319,507	128,827	5,296,872	2,092,658

SEE FOOTNOTES AT END OF TABLE

(CONTINUED ON NEXT PAGE)

## GENERAL REVIEW

## PRODUCTION OF PACKAGED FISH: BY METHOD OF PREPARATION, 1948 - Continued

SPECIES	SPLIT "BUTTERFLY"			
	FRESH		FROZEN	
	POUNDS	VALUE	POUNDS	VALUE
CROAKER . . . . .	2/ 26,200	2/ \$9,480	(1)	(1)
SEA TROUT, GRAY . . . . .	2/ 204,400	2/ 62,636	166,164	\$48,818
WHITING . . . . .	29,800	4,430	3,996,420	616,251
TOTAL . . . . .	260,400	76,546	4,162,584	665,069

1/ BECAUSE LESS THAN THREE FIRMS REPORTED A PRODUCTION OF THIS ITEM, IT HAS BEEN INCLUDED WITH THE REPORTED PRODUCTION OF ANOTHER TYPE OF PROCESSING OF THIS SPECIES. 2/ INCLUDES A SMALL QUANTITY OF ANOTHER TYPE OF PROCESSING OF THIS SAME SPECIES. 3/ INCLUDES FRESH FILLETS OF GARP, RED DRUM, OCEAN POUT, SHEEPSHEAD, STRIPED BASS, SUCKERS, TAUTOG, TILFISH, AND UNCLASSIFIED FISH. 4/ INCLUDES FROZEN FILLETS OF SEA HERRING, KINGFISH, PERCH, WHITEBAIT, AND UNCLASSIFIED FISH. 5/ INCLUDES FRESH AND FROZEN STEAKS OF SHARK AND STURGEON AND FROZEN STRIPED BASS STEAKS.

NOTE:--THE TOTALS APPEARING ABOVE CANNOT BE CORRELATED DIRECTLY WITH THOSE APPEARING IN THE SUMMARY, SINCE IT HAS BEEN NECESSARY TO COMBINE CERTAIN ITEMS IN ORDER TO SHOW THE ENTIRE PRODUCTION OF EACH SPECIES.

## PRODUCTION OF PACKAGED FISH: BY SECTIONS, 1948

SPECIES	NEW ENGLAND		MIDDLE ATLANTIC	
	POUNDS	VALUE	POUNDS	VALUE
COD . . . . .	10,102,790	\$2,409,536	2,400,160	\$821,159
CUSK . . . . .	775,672	167,069	-	-
FLOUNDERS . . . . .	11,631,505	4,053,582	3,452,895	1,477,888
Haddock . . . . .	39,112,222	10,778,640	3,106,800	1,074,396
HAKE . . . . .	1,681,061	266,006	306,365	73,510
MACKEREL . . . . .	2,607,030	530,245	4,650	1,571
POLLOCK . . . . .	11,175,296	1,637,320	25,772	5,765
ROSEFISH (OCEAN PERCH) . . . . .	67,673,365	14,400,951	22,400	6,944
SWORDFISH . . . . .	25,433	18,432	-	-
TUNA . . . . .	353,150	52,960	-	-
WHITING . . . . .	2/ 5,122,363	2/ 783,754	(1)	(1)
WOLFFISH . . . . .	214,954	65,000	-	-
UNCLASSIFIED . . . . .	3/ 828,379	3/ 33,767	(1)	(1)
TOTAL . . . . .	151,303,220	35,197,262	9,319,042	3,461,233

SPECIES	CHESAPEAKE, SOUTH ATLANTIC AND GULF		GREAT LAKES	
	POUNDS	VALUE	POUNDS	VALUE
BLUE PIKE . . . . .	-	-	2,092,313	\$889,164
CROAKER . . . . .	26,200	\$9,480	-	-
FLOUNDERS . . . . .	90,000	34,650	-	-
GROUPERS . . . . .	415,259	156,450	-	-
HALIBUT . . . . .	-	-	(1)	(1)
HERRING, LAKE . . . . .	-	-	176,287	35,272
LAKE TROUT . . . . .	-	-	132,200	62,030
PIKE OR PICKEREL . . . . .	-	-	27,375	9,923
SAUGER . . . . .	-	-	786,926	353,003
SEA BASS . . . . .	2/ 84,000	2/ 28,780	-	-
SEA TROUT, GRAY . . . . .	370,564	111,454	-	-
SNAPPER, RED . . . . .	86,248	43,877	-	-
SPANISH MACKEREL . . . . .	2/ 186,945	2/ 64,685	-	-
WHITE BASS . . . . .	-	-	3,778	1,830
WHITEFISH . . . . .	-	-	224,770	111,052
YELLOW PERCH . . . . .	-	-	462,374	251,308
YELLOW PIKE . . . . .	-	-	652,191	336,337
UNCLASSIFIED . . . . .	4/ 38,700	4/ 9,901	5/ 73,217	5/ 15,058
TOTAL . . . . .	1,297,916	459,277	4,631,431	2,064,987

SEE FOOTNOTES AT END OF TABLE

(CONTINUED ON NEXT PAGE)

## PRODUCTION OF PACKAGED FISH: BY SECTIONS, 1948 - Continued

SPECIES	PACIFIC COAST		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE
BLUE PIKE . . . . .	-	-	2,092,313	\$899,164
COD . . . . .	1,375,910	\$259,946	13,878,860	3,489,641
CROAKER . . . . .	-	-	26,200	9,480
CUSK . . . . .	-	-	775,672	167,069
FLOUNDERS . . . . .	8,291,967	2,535,977	23,466,367	8,102,097
GROUPERS . . . . .	-	-	415,259	156,450
HADDOCK . . . . .	-	-	42,219,022	11,853,036
HAKE . . . . .	-	-	1,987,426	339,516
HALIBUT . . . . .	2/ 3,228,234	2/ 1,305,703	3,228,234	1,305,703
HERRING, LAKE . . . . .	-	-	176,287	35,272
LAKE TROUT . . . . .	-	-	132,200	62,030
LINGCOD . . . . .	1,750,934	342,842	1,750,934	342,842
MACKEREL . . . . .	-	-	2,611,680	531,816
PIKE OR PICKEREL . . . . .	-	-	27,375	9,923
POLLOCK . . . . .	-	-	11,201,068	1,643,085
ROCKFISHES . . . . .	4,898,979	894,512	4,898,979	894,512
ROSEFISH (OCEAN PERCH) . . . . .	-	-	67,695,765	14,407,895
SABLEFISH . . . . .	71,986	14,798	71,986	14,798
SALMON . . . . .	1,916,393	841,729	1,916,393	841,729
SAUGER . . . . .	-	-	786,926	353,003
SEA BASS . . . . .	(1)	(1)	84,000	28,780
SEA TROUT, GRAY . . . . .	-	-	370,564	111,454
SMELT . . . . .	19,792	2,828	19,792	2,828
SNAPPER, RED . . . . .	-	-	86,248	43,677
SPANISH MACKEREL . . . . .	(1)	(1)	186,945	64,685
SWORDFISH . . . . .	-	-	25,433	18,432
TUNA . . . . .	-	-	353,150	52,960
WHITE BASS . . . . .	-	-	3,778	1,830
WHITEFISH . . . . .	-	-	224,770	111,062
WHITING . . . . .	-	-	5,122,363	783,754
WOLFFISH . . . . .	-	-	214,954	65,000
YELLOW PERCH . . . . .	-	-	462,374	251,308
YELLOW PIKE . . . . .	-	-	652,191	336,337
UNCLASSIFIED . . . . .	5/ 1,191,187	5/ 261,481	2,131,483	320,207
TOTAL . . . . .	22,745,382	6,458,816	189,296,991	47,641,575

1/ DATA ARE SHOWN ONLY WHEN THREE OR MORE FIRMS REPORTED A PRODUCTION OF A SPECIES. IN THOSE INSTANCES WHERE LESS THAN THREE FIRMS REPORTED, THEIR PRODUCTION HAS BEEN INCLUDED WITH THAT OF ANOTHER SECTION.

2/ INCLUDES A SMALL QUANTITY OF THIS SPECIES PRODUCED IN ANOTHER AREA.

3/ INCLUDES SEA HERRING, OCEAN POUT, TAUTOG, AND TILEFISH.

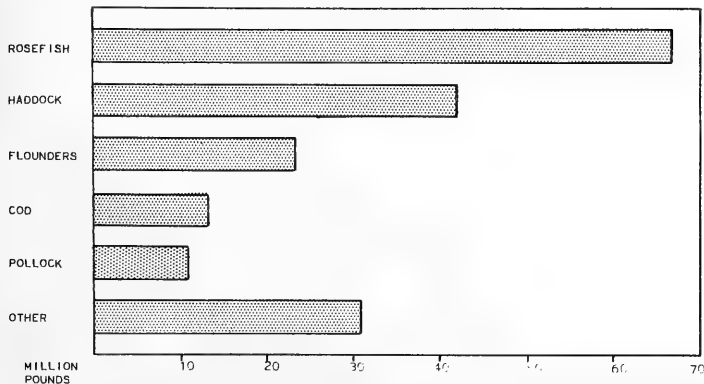
4/ INCLUDES RED DRUM, AND UNCLASSIFIED FISH FROM THE MIDDLE ATLANTIC STATES AND RED DRUM, SHARK, AND STRIPED BASS FROM THE CHESAPEAKE, SOUTH ATLANTIC AND GULF STATES.

5/ INCLUDES CARP, SHEEPSHEAD, AND SUCKERS.

6/ INCLUDES KINGFISH, PERCH, STURGEON, WHITEBAIT, AND UNCLASSIFIED FISH.

NOTE:--PACKAGED FISH WERE PREPARED IN THE FOLLOWING STATES: NEW ENGLAND - MAINE, MASSACHUSETTS, AND CONNECTICUT; MIDDLE ATLANTIC - NEW YORK AND NEW JERSEY; CHESAPEAKE, SOUTH ATLANTIC AND GULF - VIRGINIA, NORTH CAROLINA, FLORIDA, AND ALABAMA; GREAT LAKES - NEW YORK, PENNSYLVANIA, OHIO, MICHIGAN, ILLINOIS, WISCONSIN, AND MINNESOTA.

PRODUCTION OF PACKAGED FISH, 1948



## FROZEN FISH TRADE

## FISH FROZEN

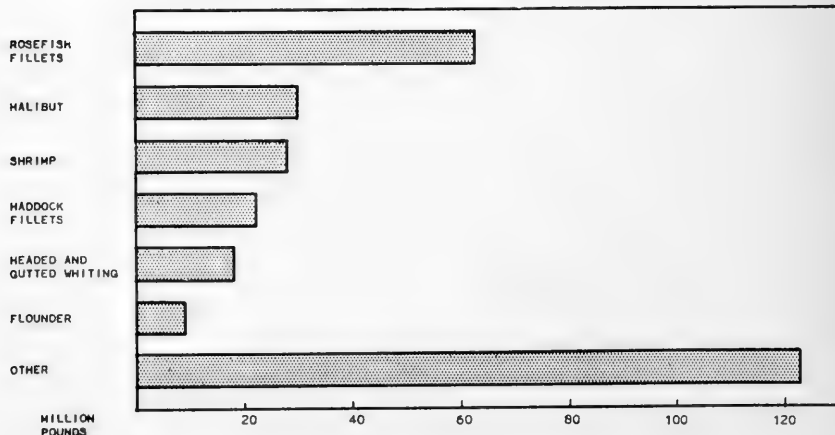
A record total of 291,987,979 pounds of fishery products were frozen during 1948 by domestic freezing plants that reported their activities to the Fish and Wildlife Service. This was more than 45 million pounds or 18 percent above the 1947 production. It is estimated that a catch of approximately 625 million pounds of fish and shellfish was required to yield the nearly 292 million pounds of round, dressed, and drawn fish, fish fillets, and packaged shellfish frozen in 1948.

During the year, 84 percent of the freezings consisted of salt-water fish: 13 percent, shellfish; and 3 percent, fresh-water fish. Compared with 1947, production of salt-water fish was relatively more important, while that of frozen shellfish was less important. Five items accounted for 59 percent of the total poundage frozen. These were rosefish (ocean perch) fillets, which comprised 21 percent of the total; halibut and shrimp, 10 percent each; whiting in all its methods of preparation, 11 percent; and haddock, 7 percent. The largest gains recorded among major species were in the production of rosefish fillets, whiting of all kinds, and halibut. The quantity of rosefish fillets frozen was 23.6 million pounds above the 1947 production. Decreases were registered in the freezings of croaker, mackerel and salmon.

According to geographical sections, the New England States led all other sections in the quantity of fishery products frozen, accounting for 54 percent of the total. Alaska ranked second with 14 percent, followed by the Pacific Coast States with 13 percent.

The development of additional cold storage space, coupled with the increased acceptance of frozen products by the public is believed to have been mainly responsible for the record freezings of 1948.

PRODUCTION OF FROZEN FISHERY PRODUCTS, 1948



GENERAL REVIEW

PRODUCTION OF FROZEN FISHERY PRODUCTS IN THE UNITED STATES AND ALASKA, 1948

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE
	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
<b>SALT-WATER FISH:</b>						
BAIT AND ANIMAL FOOD . . . . .	433,400	1,134,128	1,937,520	1,659,595	920,600	598,387
BLUEFISH . . . . .	-	690	-	11,103	23,851	26,884
BUTTERFISH . . . . .	13,013	200	8,319	4,982	13,498	25,761
COD, HADDOCK, HAKE AND POLLOCK (EXCEPT FILLETS) . . . . .	60,752	36,805	60,527	101,348	183,628	87,919
CROAKERS . . . . .	9,000	5,400	276,853	116,933	21,482	76,397
EELS . . . . .	6,078	799	714	1,444	19,240	12,202
<b>FILLETS:</b>						
COD . . . . .	48,712	88,469	505,863	1,114,465	983,281	816,318
FLounder (INCLUDING SOLE) . . . . .	141,854	81,384	192,599	613,243	1,413,014	1,619,677
HADDOCK . . . . .	353,862	504,767	2,807,528	2,358,452	997,599	2,664,020
LINGCOD . . . . .	19,674	22,257	22,235	31,611	69,721	112,877
MACKEREL . . . . .	1,965	6,010	9,656	14,870	57,589	202,326
POLLOCK . . . . .	582,260	370,763	593,446	680,433	331,162	581,541
ROSEFISH . . . . .	1,522,778	2,918,421	4,393,409	4,712,628	8,387,236	5,405,876
<b>WHITING (INCLUDING SPLIT BUTTERFLY) . . . . .</b>						
	11,773	429	760	830	104,220	2,032,223
<b>OTHER FILLETS . . . . .</b>						
	208,564	80,922	85,112	317,141	317,866	231,884
<b>FLOUNDERS (INCLUDING SOLE, FLUKE, CALIFORNIA HALIBUT) . . . . .</b>						
	5,921	16,594	75,153	50,492	73,928	168,409
<b>HALIBUT . . . . .</b>						
	638,398	906,409	73,902	6,838	13,637,957	9,700,672
<b>HERRING, SEA . . . . .</b>						
	-	-	-	134,706	273,996	73,200
<b>MACKEREL (EXCEPT FILLETS, AND SPANISH AND KING) . . . . .</b>						
	10,563	12,057	35,524	10,412	114,746	648,448
<b>MULLET . . . . .</b>						
	53,923	12,193	748	25,790	16,716	11,457
<b>SABLEFISH (BLACK COD) . . . . .</b>						
	7,188	470	115	40,997	240,659	682,295
<b>SALMON . . . . .</b>						
<b>KING OR CHINOOK . . . . .</b>						
	-	-	12,499	13,055	364,947	1,380,156
<b>SILVER OR COHO . . . . .</b>						
	-	-	760	30,310	-	68,887
<b>STEELHEAD TROUT . . . . .</b>						
	-	-	555	-	6,254	395
<b>UNCLASSIFIED . . . . .</b>						
	-	640	-	1,775	8,596	108,100
<b>SCUP (PORGIES) . . . . .</b>						
	-	-	-	50,700	183,384	592,056
<b>SEA TROUT (WEAKFISH, GRAY AND SPOTTED) . . . . .</b>						
	27,510	7,035	1,850	11,298	34,627	29,319
<b>SHAD (INCLUDING ROE SHAD) . . . . .</b>						
	-	-	-	25,687	124,402	91,278
<b>SHAD ROE . . . . .</b>						
	-	-	-	25,527	23,507	5,078
<b>SMELT . . . . .</b>						
	31,961	20,841	884,925	172,845	62,328	71,129
<b>SWORDFISH . . . . .</b>						
	-	-	-	-	-	270
<b>TUNA . . . . .</b>						
	396	-	-	-	-	268,296
<b>WHITING (SILVER HAKE):</b>						
<b>ROUND . . . . .</b>						
	115,765	14,018	1,370	22,221	1,475,025	1,444,365
<b>HEADED AND GUTTED (EX-FILLETS) . . . . .</b>						
	-	1,006	-	18,285	1,343,957	5,365,312
<b>UNCLASSIFIED SALT-WATER FISH . . . . .</b>						
	635,407	717,594	977,367	751,601	1,481,308	1,491,650
TOTAL, SALT-WATER FISH . . . . .	4,940,717	6,960,101	12,959,309	13,131,617	33,310,264	37,196,604
<b>FRESH-WATER FISH:</b>						
BAIT AND ANIMAL FOOD . . . . .	-	22,752	200	940	-	27,180
BLUE PIKE AND SAUGER (EX-FILLETS) . . . . .	-	-	-	-	3,000	42,078
CATFISH AND BULLHEADS . . . . .	4,851	3,374	1,899	23,029	12,036	33,630
CHUBS . . . . .	-	-	5,345	14,379	29,283	103,401
<b>FILLETS:</b>						
BLUE PIKE AND SAUGER . . . . .	-	-	-	-	2,745	4,670
YELLOW PERCH . . . . .	-	-	-	-	695	2,960
YELLOW PIKE . . . . .	-	-	-	3,500	560	670
OTHER FILLETS . . . . .	-	-	-	-	230	2,275
<b>LAKE HERRING AND CISCO (EXCEPT FILLETS) . . . . .</b>						
	5,652	4,265	-	-	150,291	44,364
<b>LAKE TROUT . . . . .</b>						
	-	-	2,617	17,446	33,457	13,515
<b>PICKEREL (JACKS OR YELLOW JACK) . . . . .</b>						
	-	993	3,101	16,215	17,750	352
<b>STURGEON AND SPOONBILL CAT . . . . .</b>						
	2,424	2,629	808	9,145	25,482	74,278
<b>SUCKERS . . . . .</b>						
	-	-	-	2,200	292	1,000
<b>TULLIBEE . . . . .</b>						
	1,121	-	-	7,000	2,459	4,673
<b>YELLOW PERCH (EXCEPT FILLETS) . . . . .</b>						
	249	-	-	7,632	-	10,987
<b>YELLOW PIKE (EXCEPT FILLETS) . . . . .</b>						
	881	-	-	7,961	17,130	30,043
<b>WHITEFISH . . . . .</b>						
	19,691	3,371	385	1,773	60,926	92,568
<b>UNCLASSIFIED FRESH-WATER FISH . . . . .</b>						
	71,324	20,589	83,377	102,517	76,083	126,713
TOTAL, FRESH-WATER FISH . . . . .	106,193	57,973	97,732	213,737	432,419	615,357
<b>SHELLFISH:</b>						
CLAMS . . . . .	7,671	3,703	44,450	27,511	14,503	24,446
CRABS (INCLUDING CRAB MEAT) . . . . .	19,310	6,619	24,033	79,992	319,323	201,226
LOBSTER TAILS (SPINY LOBSTER) . . . . .	101,121	80,546	62,698	8,068	16,862	4,534
OYSTERS . . . . .	49,625	14,793	211,192	51,439	80,633	32,903
SCALLOPS . . . . .	47,099	35,837	90,935	227,090	388,212	618,202
SHRIMP (INCLUDING SHRIMP MEAT) . . . . .	1,025,169	692,470	804,753	1,411,054	2,923,864	1,588,381
SQUID . . . . .	17,723	39,570	33,658	12,428	501,572	516,744
UNCLASSIFIED SHELLFISH . . . . .	68,629	35,659	35,771	64,446	100,779	121,992
TOTAL, SHELLFISH . . . . .	1,336,947	909,197	1,307,490	1,882,018	4,345,748	3,108,428
TOTAL, FISH AND SHELLFISH . . . . .	6,383,857	7,927,271	14,364,531	15,227,372	38,088,431	40,920,389

(CONTINUED ON NEXT PAGE)

## PRODUCTION OF FROZEN FISHERY PRODUCTS IN THE UNITED STATES AND ALASKA, 1948- Continued

SPECIES	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
<b>SALT-WATER FISH:</b>							
BAIT AND ANIMAL FOOD . . . . .	734,716	754,512	809,096	1,124,277	554,959	262,220	10,923,410
BLUEFISH . . . . .	3,891	125,611	58,194	12,336	689	798	264,047
BUTTERFLY . . . . .	106,852	177,596	160,008	105,332	26,166	44,178	686,845
COD, HADDOCK, HAKE AND POLLOCK (EX. FILLETS)	68,320	57,209	138,229	265,004	543,339	72,198	1,675,278
CROAKERS . . . . .	134,256	114,392	79,426	41,718	-	1,416	877,813
EELS . . . . .	9,793	3,288	8,135	28,947	14,169	61,954	166,763
FILLETS:							
COD . . . . .	503,453	352,464	401,189	784,804	609,720	257,218	6,465,956
FLOUNDER (INC. SOLE)	1,691,359	1,057,396	1,011,585	904,253	419,023	193,176	9,338,563
HADDOCK . . . . .	3,213,275	2,302,976	1,910,309	1,760,601	1,974,137	703,596	21,551,122
LINGCOD . . . . .	11,932	27,625	23,875	22,651	2,366	14,645	381,469
MACKEREL . . . . .	382,578	563,699	12,093	15,508	54,061	12,659	1,833,014
POLLOCK . . . . .	500,002	284,224	251,498	353,405	2,138,557	1,731,494	8,398,785
ROSEFISH . . . . .	6,455,261	7,535,021	7,056,364	6,654,339	4,701,830	2,762,037	62,505,200
WHITING (INCLUDING SPLIT BUTTERFLY) . . . . .	2,111,480	1,537,466	507,679	317,620	451,560	116,370	7,192,210
OTHER FILLETS . . . . .	196,080	221,040	282,209	243,950	265,417	167,784	2,617,966
FLOUNDERS (INC. SOLE, FLUKE, CAL. HALIBUT)	137,889	53,199	112,622	183,149	233,360	60,364	1,171,080
HALIBUT . . . . .	5,623,819	743,601	239,536	45,115	20,875	-	30,018,413
HERRING, SEA . . . . .	32,748	17,831	278,725	246,731	194,128	495,471	3,366,245
MACKEREL (EX. FILLETS, & SPANISH AND KING) . . . . .	1,859,543	1,745,378	84,805	90,687	546,677	496,242	5,655,082
MULLET . . . . .	42,293	20,688	55,124	298,011	143,623	203,095	883,661
SABLEFISH (BLACK COD)	1,280,182	1,118,708	1,243,778	686,935	120,776	725	5,422,828
<b>SALMON:</b>							
KING OR CHINOOK . . . . .	933,915	829,938	774,638	114,665	39,569	1,397	4,464,779
SILVER OR COHO . . . . .	1,546,701	2,724,555	1,424,290	339,281	134,165	7,459	6,276,408
FALL OR CHUM . . . . .	13,602	583,348	259,755	553,146	449,413	3,334	1,862,598
PINK . . . . .	23,239	129,933	23,989	-	-	-	177,161
STEELHEAD TROUT . . . . .	22,734	20,528	43,386	7,962	33,620	4,080	139,514
UNCLASSIFIED . . . . .	125,939	141,837	567,826	143,081	6,320	-	1,105,524
SCUP (PORGIES) . . . . .	255,044	30,087	179,398	118,572	11,851	39,248	1,460,980
SEA TROUT (WEAFTISH, GRAY & SPOTTED) . . . . .	28,661	78,546	134,433	19,632	23,994	14,822	411,727
SHAD (INC. ROE SHAD) . . . . .	41,995	-	-	-	-	-	283,362
SHAD ROE . . . . .	-	-	-	-	-	-	54,112
SMELT . . . . .	77,841	37,431	24,390	51,363	22,439	18,497	1,475,990
SWORDFISH . . . . .	8,393	585,449	156,278	138,998	4,375	-	893,753
TUNA . . . . .	2,424,360	1,306,662	795,862	562,733	452,600	490,812	6,301,180
WHITING (SILVER HAKE):							
ROUND . . . . .	1,923,174	1,066,203	1,348,293	717,315	362,990	202,833	8,693,572
HEADED & GUTTED (EXCEPT FILLETS) . . . . .	4,105,544	2,361,952	2,183,303	1,570,316	395,675	260,526	17,605,876
UNCLASSIFIED SALT- WATER FISH . . . . .	1,106,728	1,809,068	1,282,412	927,693	557,381	747,585	12,485,794
<b>TOTAL, SALT-WATER FISH . . . . .</b>	<b>37,737,642</b>	<b>30,519,461</b>	<b>23,922,728</b>	<b>19,450,120</b>	<b>15,511,284</b>	<b>9,448,233</b>	<b>245,088,080</b>
<b>FRESH-WATER FISH:</b>							
BAIT AND ANIMAL FOOD . . . . .	1,480	150	-	-	722,095	1,553,000	2,327,797
BLUE PIKE AND SAUGER (EXCEPT FILLETS) . . . . .	37,932	13,214	36,692	270,524	18,928	-	422,368
CATFISH AND BULLHEADS . . . . .	15,529	3,289	8,901	36,837	62,361	56,304	262,040
CHUBS . . . . .	178,572	172,270	69,177	145,100	94,200	123,089	934,816
FILLETS:							
BLUE PIKE & SAUGER . . . . .	3,650	6,247	13,213	22,758	21,725	4,000	79,008
LAKE HERRING . . . . .	-	-	-	-	32,948	22,020	54,968
YELLOW PERCH . . . . .	625	11,550	12,990	16,734	5,225	-	50,779
YELLOW PIKE . . . . .	1,245	4,571	468	6,015	3,050	-	20,079
OTHER FILLETS . . . . .	40	-	100	-	-	2,090	4,735
LAKE HERRING & CISCO (EXCEPT FILLETS) . . . . .	20,690	54,451	48,865	75,049	564,499	726,224	1,694,350
LAKE TROUT . . . . .	19,785	16,771	28,817	57,179	36,420	6,303	232,310
PICKEREL (JACKS OR YELLOW JACK) . . . . .	665	-	46,254	17,794	37,273	1,048	141,445
STURGEON AND SPOONBILL CAT . . . . .	45,100	40,913	17,649	30,932	14,693	3,732	267,785
SUCKERS . . . . .	800	-	-	2,745	120	-	7,157
TULLIBEE . . . . .	30,333	8,927	43,909	18,829	4,237	-	121,488
YELLOW PERCH (EXCEPT FILLETS) . . . . .	14,055	148,766	28,812	35,090	11,914	946	258,451
YELLOW PIKE (EXCEPT FILLETS) . . . . .	28,448	23,782	9,911	13,710	26,570	346	158,782
WHITEFISH . . . . .	57,380	56,330	16,170	93,738	51,419	216,418	670,169
UNCLASSIFIED FRESH- WATER FISH . . . . .	70,196	108,356	71,331	259,360	187,180	93,100	1,270,126
<b>TOTAL, FRESH-WATER FISH . . . . .</b>	<b>526,525</b>	<b>669,587</b>	<b>453,259</b>	<b>1,102,394</b>	<b>1,894,857</b>	<b>2,808,620</b>	<b>8,978,653</b>

(CONTINUED ON NEXT PAGE)

## PRODUCTION OF FROZEN FISHERY PRODUCTS IN THE UNITED STATES AND ALASKA, 1948 - Continued

SPECIES	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
<b>SHELLFISH:</b>							
CLAMS . . . . .	18,011	11,095	3,392	12,195	14,834	10,272	192,083
CRABS (INCL. CRAB MEAT)	162,383	206,508	95,297	71,907	72,704	53,777	1,313,679
LOBSTER TAILS (SPINY LOBSTER) . . . . .	3,482	14,355	25,848	102,557	136,396	102,189	658,646
OYSTERS . . . . .	27,757	7,031	3,688	25,840	32,257	35,020	572,178
SCALLOPS . . . . .	595,154	677,657	569,389	509,512	424,652	224,501	4,408,240
SHRIMP (INCLUDING SHRIMP MEAT) . . . . .	1,078,088	2,334,172	3,918,734	5,727,094	3,954,613	2,663,095	28,121,487
SQUID . . . . .	136,500	91,249	12,560	21,567	244,474	135,594	1,763,639
UNCLASSIFIED SHELLFISH .	65,320	66,546	107,360	89,327	92,653	42,812	891,294
<b>TOTAL, SHELLFISH . . . . .</b>	<b>2,086,695</b>	<b>3,408,613</b>	<b>4,736,268</b>	<b>6,559,999</b>	<b>4,972,583</b>	<b>3,267,260</b>	<b>37,921,246</b>
<b>TOTAL, FISH AND SHELLFISH . . . . .</b>	<b>40,350,862</b>	<b>34,597,661</b>	<b>29,112,255</b>	<b>27,112,513</b>	<b>22,378,724</b>	<b>15,524,113</b>	<b>291,987,979</b>

## PRODUCTION OF FROZEN FISHERY PRODUCTS: BY GEOGRAPHICAL SECTIONS AND SPECIES, 1948

SPECIES	NEW ENGLAND	MIDDLE ATLANTIC	SOUTH ATLANTIC	NORTH CENTRAL, EAST	NORTH CENTRAL, WEST
	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
<b>SALT-WATER FISH:</b>					
BAIT AND ANIMAL FOOD . . . . .	1,849,393	2,422,924	166,355	-	-
BLUEFISH . . . . .	14,353	235,031	13,298	1,175	-
BUTTERFLY . . . . .	252,924	399,350	34,571	-	-
COD, HADDOCK, HAKE AND POLLOCK (EXCEPT FILLETS)	435,526	997,568	6,145	-	-
CROAKERS . . . . .	-	142,653	722,801	-	-
EELS . . . . .	46,748	100,473	11,656	7,886	-
<b>FILLETS:</b>					
COO . . . . .	5,863,273	132,096	2,774	-	-
FLOUNDER (INCLUDING SOLE) . . . . .	5,365,945	88,646	2,500	-	-
HADDOCK . . . . .	21,485,503	65,319	300	-	-
MACKEREL . . . . .	1,792,656	650	8,450	-	-
POLLOCK . . . . .	8,398,645	140	-	-	-
ROSEFISH . . . . .	62,505,200	-	-	-	-
WHITING (INCLUDING SPLIT BUTTERFLY) . . . . .	7,192,210	-	-	-	-
OTHER FILLETS . . . . .	1,345,561	3,513	35,879	-	-
FLOUNDERS (INCLUDING SOLE, FLUKE, CAL. HALIBUT)	356,137	439,604	16,646	1,505	-
HALIBUT . . . . .	106,047	10,051	-	-	-
HERRING, SEA . . . . .	2,688,943	607,937	330	46,800	-
MACKEREL (EXCEPT FILLETS, AND SPANISH & KING). . . . .	4,522,437	1,113,430	4,243	-	-
MULLET . . . . .	-	108,466	476,852	10,809	-
SALMON, UNCLASSIFIED . . . . .	5,672	41,066	-	-	-
SCUP (PORGIES) . . . . .	775,597	456,165	228,361	217	-
SEA TROUT (WEAKFISH, GRAY AND SPOTTED) . . . . .	-	67,226	265,765	-	-
SHAD (INCLUDING ROE SHAD) . . . . .	8,640	15,136	44,610	1,439	-
SHAD ROE . . . . .	55	24,038	16,307	2,209	-
SHELT . . . . .	87,571	37,101	4,548	142,487	375
SWORDFISH . . . . .	726,110	5,760	-	-	-
TUNA . . . . .	541,687	42,998	-	-	-
<b>WHITING (SILVER HAKE):</b>					
ROUND . . . . .	7,813,867	879,705	-	-	-
HEADED AND GUTTED (EXCEPT FILLETS) . . . . .	17,584,326	20,550	1,000	-	-
UNCLASSIFIED SALT-WATER FISH . . . . .	2,003,088	1,411,630	925,634	661,046	30,381
<b>TOTAL, SALT-WATER FISH . . . . .</b>	<b>153,758,114</b>	<b>9,869,226</b>	<b>2,989,025</b>	<b>875,573</b>	<b>30,756</b>
<b>FRESH-WATER FISH:</b>					
BAIT AND ANIMAL FOOD . . . . .	-	-	-	98,797	2,229,000
BLUE PIKE AND SAUGER (EXCEPT FILLETS) . . . . .	-	19,519	-	348,755	38,501
CATFISH AND BULLHEADS . . . . .	5,430	2,826	135,215	37,092	36,880
CHUBS . . . . .	162,077	205,937	860	565,942	-
<b>FILLETS:</b>					
BLUE PIKE AND SAUGER . . . . .	-	6,348	-	72,483	177
LAKE HERRING . . . . .	-	-	-	54,968	-
YELLOW PERCH . . . . .	-	64	-	50,715	-
YELLOW PIKE . . . . .	-	1,079	-	19,000	-
OTHER FILLETS . . . . .	-	180	-	4,555	-

(CONTINUED ON NEXT PAGE)

PRODUCTION OF FROZEN FISHERY PRODUCTS:  
BY GEOGRAPHICAL SECTIONS AND SPECIES, 1948 - Continued

SPECIES	NEW ENGLAND	MIDDLE ATLANTIC	SOUTH ATLANTIC	NORTH CENTRAL, EAST	NORTH CENTRAL, WEST
	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
<b>FRESH-WATER FISH - CONTINUED:</b>					
LAKE HERRING AND CISCO (EX. FILLETS)	2,615	247,660	14,219	989,856	440,000
LAKE TROUT	2,162	63,435	-	83,397	83,316
PICKEREL (JACKS OR YELLOW JACK)	-	30,641	-	36,804	74,000
STURGEON AND SPOONBILL CAT	-	240,806	4,930	22,049	-
SUCKERS	-	-	1,000	6,157	-
TULLIBEE	-	22,383	5,190	26,915	67,000
YELLOW PERCH (EXCEPT FILLETS)	-	549	-	257,902	-
YELLOW PIKE (EXCEPT FILLETS)	-	79,131	-	77,901	306
WHITEFISH	21,402	355,245	15,284	259,303	18,935
UNCLASSIFIED FRESH-WATER FISH	620	609,628	43,096	363,274	170,218
TOTAL, FRESH-WATER FISH	194,306	1,885,431	219,794	3,375,865	3,158,333
<b>SHELLFISH:</b>					
CLAMS	71,683	6,268	3,870	-	-
CRABS, (INCLUDING CRAB MEAT)	1,050	20,372	795,103	-	565
LOBSTER TAILS (SPINY LOBSTER)	780	6,072	349,938	3,841	11,221
OYSTERS	17,010	3,140	219,693	360	-
SCALLOPS	3,540,757	791,263	61,862	3,478	2,563
SHRIMP (INCLUDING SHRIMP MEAT)	164,735	1,925,070	934,738	61,751	-
SQUID	938,869	446,482	96,975	-	-
UNCLASSIFIED SHELLFISH	281,474	431,110	68,144	1,012	3,660
TOTAL, SHELLFISH	5,016,358	3,629,777	2,530,323	70,442	18,009
TOTAL, FISH AND SHELLFISH	158,968,778	15,384,434	5,739,142	4,321,880	3,207,098

SPECIES	SOUTH CENTRAL	PACIFIC	ALASKA	TOTAL
	POUNDS	POUNDS	POUNDS	POUNDS
<b>SALT-WATER FISH:</b>				
BAIT AND ANIMAL FOOD	210,353	3,354,639	2,919,746	10,923,410
BLUEFISH	190	-	-	264,047
BUTTERFISH	-	-	-	686,845
COD, HADDOCK, HAKE AND POLLOCK (EX. FILLETS)	421	235,618	-	1,675,278
CROAKERS	12,359	-	-	877,813
EELS	-	-	-	166,763
<b>FILLETS:</b>				
COD	-	477,813	-	6,465,956
FLOUNDER (INCLUDING SOLE)	400	3,881,072	-	9,338,563
HADDOCK	-	-	-	21,551,122
LINGCOD	-	381,469	-	381,469
MACKEREL	-	31,258	-	1,833,014
POLLOCK	-	-	-	8,398,785
ROSEFISH	-	-	-	62,505,200
WHITING (INCLUDING SPLIT BUTTERFLY)	-	-	-	7,192,210
OTHER FILLETS	17,918	1,211,420	3,675	2,617,966
FLOUNDERS (INCLUDING SOLE, FLUKE, CAL. HALIBUT)	144,670	212,518	-	1,171,080
HALIBUT	-	6,554,988	23,347,327	30,018,413
HERRING, SEA	-	22,235	-	3,366,245
MACKEREL (EXCEPT FILLETS, AND SPANISH AND KING)	-	14,972	-	5,655,082
MULLET	287,534	-	-	883,661
SABLEFISH (BLACK COD)	-	1,593,378	3,829,450	5,422,828
<b>SALMON:</b>				
KING OR CHINOOK	-	2,073,246	2,391,533	4,464,779
SILVER OR COHO	-	1,317,102	4,959,306	6,276,408
FALL OR CHUM	-	868,908	993,600	1,862,508
PINK	-	180	176,981	177,161
STEELHEAD TROUT	-	111,040	28,474	139,514
UNCLASSIFIED	-	639,908	418,878	1,105,524
SCUP (PORGIES)	640	-	-	1,460,980
SEA TROUT (WEAKFISH, GRAY AND SPOTTED)	78,736	-	-	411,727
SHAD (INCLUDING ROE SHAD)	-	213,537	-	283,362
SHAD ROE	-	11,503	-	54,112
SMELT	-	1,203,908	-	1,475,990
SWORDFISH	-	161,883	-	893,753
TUNA	-	5,412,634	303,861	6,301,180
<b>WHITING (SILVER HAKE):</b>				
ROUND	-	-	-	8,693,572
HEADED AND GUTTED (EXCEPT FILLETS)	-	-	-	17,605,876
UNCLASSIFIED SALT-WATER FISH	1,702,207	4,728,494	1,023,314	12,485,794
TOTAL, SALT-WATER FISH	2,455,428	34,713,813	40,396,145	245,088,080

(CONTINUED ON NEXT PAGE)



PRODUCTION OF FROZEN FISHERY PRODUCTS:  
BY GEOGRAPHICAL SECTIONS AND SPECIES, 1948 - Continued

SPECIES	SOUTH CENTRAL	PACIFIC	ALASKA	TOTAL
	POUNDS	POUNDS	POUNDS	POUNDS
FRESH-WATER FISH:				
BAIT AND ANIMAL FOOD . . . . .	-	-	-	2,327,797
BLUE PIKE AND SAUGER (EXCEPT FILLETS) . . . . .	15,593	-	-	422,368
CATFISH AND BULLHEADS . . . . .	44,597	-	-	262,040
CHUBS . . . . .	-	-	-	934,816
FILLETS:				
BLUE PIKE AND SAUGER . . . . .	-	-	-	79,008
LAKE HERRING . . . . .	-	-	-	54,968
YELLOW PERCH . . . . .	-	-	-	50,779
YELLOW PIKE . . . . .	-	-	-	20,079
OTHER FILLETS . . . . .	-	-	-	4,735
LAKE HERRING AND CISCO (EXCEPT FILLETS) . . . . .	-	-	-	1,694,350
LAKE TROUT . . . . .	-	-	-	232,310
PICKEREL (JACKS OR YELLOW JACK) . . . . .	-	-	-	141,445
STURGEON AND SPOONBILL CAT . . . . .	-	-	-	267,785
SUCKERS . . . . .	-	-	-	7,157
TULLIBEE . . . . .	-	-	-	121,488
YELLOW PERCH (EXCEPT FILLETS) . . . . .	-	-	-	258,451
YELLOW PIKE (EXCEPT FILLETS) . . . . .	1,444	-	-	158,782
WHITEFISH . . . . .	-	-	-	670,169
UNCLASSIFIED FRESH-WATER FISH . . . . .	81,950	1,340	-	1,270,126
TOTAL, FRESH-WATER FISH . . . . .	143,584	1,340	-	8,978,653
SHELLFISH:				
CLAMS . . . . .	777	101,378	8,107	192,083
CRABS, (INCLUDING CRAB MEAT) . . . . .	95,747	369,847	30,995	1,313,679
LOBSTER TAILS (SPINY LOBSTER) . . . . .	10,745	276,049	-	658,646
OYSTERS . . . . .	50,111	281,864	-	572,178
SCALLOPS . . . . .	1,175	7,142	-	4,408,240
SHRIMP (INCLUDING SHRIMP MEAT) . . . . .	24,065,286	969,907	-	28,121,487
SQUID . . . . .	24	281,269	-	1,763,639
UNCLASSIFIED SHELLFISH . . . . .	65,345	40,549	-	891,294
TOTAL, SHELLFISH . . . . .	24,289,210	2,328,025	39,102	37,921,246
TOTAL, FISH AND SHELLFISH . . . . .	26,888,222	37,043,178	40,435,247	291,987,979

NOTE:--THE SECTIONS INDICATED INCLUDE THE FOLLOWING STATES:

NEW ENGLAND--MAINE, NEW HAMPSHIRE, MASSACHUSETTS, VERMONT, RHODE ISLAND, AND CONNECTICUT.

MIDDLE ATLANTIC--NEW YORK, NEW JERSEY AND PENNSYLVANIA.

SOUTH ATLANTIC--DELAWARE, MARYLAND, DISTRICT OF COLUMBIA, VIRGINIA, WEST VIRGINIA, NORTH CAROLINA, SOUTH CAROLINA, GEORGIA, AND FLORIDA.

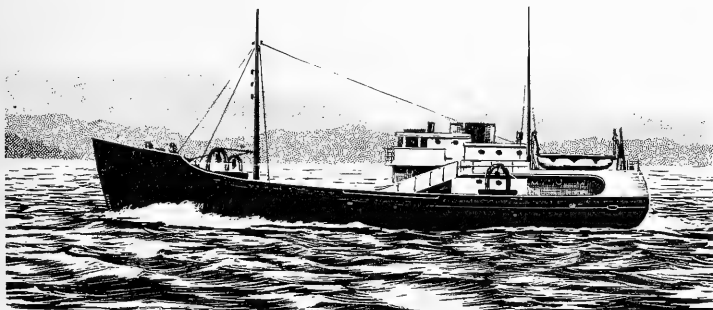
NORTH CENTRAL, EAST--OHIO, INDIANA, ILLINOIS, MICHIGAN, AND WISCONSIN.

NORTH CENTRAL, WEST--MINNESOTA, IOWA, MISSOURI, NORTH DAKOTA, SOUTH DAKOTA, NEBRASKA, AND KANSAS.

SOUTH CENTRAL--KENTUCKY, TENNESSEE, ALABAMA, MISSISSIPPI, LOUISIANA, TEXAS, OKLAHOMA, AND ARKANSAS.

PACIFIC--WASHINGTON, OREGON, AND CALIFORNIA.

ALASKA



PACIFIC COAST KING CRAB TRAWLER  
EQUIPPED WITH FREEZER

## GENERAL REVIEW

## PRODUCTION OF FROZEN FISHERY PRODUCTS: BY GEOGRAPHICAL SECTIONS AND MONTHS, 1948

MONTH	NEW ENGLAND	MIDDLE ATLANTIC	SOUTH ATLANTIC	NORTH CENTRAL, EAST	NORTH CENTRAL WEST
	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
JANUARY . . . . .	3,470,556	376,679	210,096	68,590	8,208
FEBRUARY . . . . .	4,931,284	388,120	355,753	38,011	6,404
MARCH . . . . .	8,597,622	525,771	501,437	11,721	5,962
APRIL . . . . .	9,783,170	1,331,369	221,445	273,209	17,055
MAY . . . . .	15,771,449	1,218,328	330,677	336,890	24,088
JUNE . . . . .	22,539,665	1,328,602	426,490	304,230	63,112
JULY . . . . .	23,625,459	1,469,613	518,909	280,176	48,482
AUGUST . . . . .	20,669,212	1,744,821	694,508	351,803	30,178
SEPTEMBER . . . . .	16,351,284	1,772,167	602,500	155,155	118,653
OCTOBER . . . . .	14,035,537	2,058,327	772,293	824,089	128,571
NOVEMBER . . . . .	12,292,999	1,828,587	566,046	707,116	1,064,267
DECEMBER . . . . .	6,900,411	1,342,050	532,358	970,890	1,692,118
TOTAL . . . . .	158,968,778	15,384,434	5,739,142	4,321,880	3,207,098

MONTH	SOUTH CENTRAL	PACIFIC	ALASKA	TOTAL
	POUNDS	POUNDS	POUNDS	POUNDS
JANUARY . . . . .	1,031,741	1,115,773	102,214	6,383,857
FEBRUARY . . . . .	647,914	624,185	935,600	7,927,271
MARCH . . . . .	691,096	2,587,123	1,453,799	14,364,531
APRIL . . . . .	1,568,688	1,716,593	315,843	15,227,372
MAY . . . . .	3,202,926	5,703,092	11,494,981	38,068,431
JUNE . . . . .	1,812,221	4,191,957	10,254,112	40,920,389
JULY . . . . .	869,333	6,523,556	7,015,334	40,350,862
AUGUST . . . . .	1,940,223	3,616,239	5,550,677	34,597,661
SEPTEMBER . . . . .	3,479,665	3,940,400	2,692,431	29,112,255
OCTOBER . . . . .	5,360,091	3,390,085	542,760	27,112,513
NOVEMBER . . . . .	3,710,633	2,133,191	75,885	22,378,724
DECEMBER . . . . .	2,583,691	1,500,988	1,611	15,524,113
TOTAL . . . . .	26,888,222	37,043,178	40,435,247	291,987,979

NOTE:--THE STATES INCLUDED IN THE VARIOUS SECTIONS ARE INDICATED ON PAGE 53

## PRODUCTION OF FROZEN FISHERY PRODUCTS, 1932 - 1948

YEAR	NEW ENGLAND	MIDDLE ATLANTIC	SOUTH ATLANTIC	NORTH CENTRAL, EAST	NORTH CENTRAL, WEST	SOUTH CENTRAL	PACIFIC 1/	TOTAL
	1,000 LB.	1,000 LB.	1,000 LB.	1,000 LB.	1,000 LB.	1,000 LB.	1,000 LB.	1,000 LB.
1932	39,856	13,323	3,297	8,495	2,423	1,820	23,258	92,472
1933	39,604	14,258	3,056	8,107	2,148	1,801	26,900	95,874
1934	58,460	16,363	3,761	12,019	3,170	2,764	37,052	133,494
1935	77,989	12,140	3,600	11,800	2,411	3,068	38,635	149,443
1936	96,173	20,068	5,791	13,002	2,659	5,002	36,579	179,274
1937	79,772	22,845	5,294	8,450	3,112	4,674	44,077	186,224
1938	87,097	22,952	7,757	10,525	3,836	7,410	46,519	186,096
1939	85,874	22,083	8,053	15,859	2,856	10,227	38,456	183,408
1940	87,370	22,163	6,578	15,744	3,319	12,937	48,044	196,155
1941	117,850	30,897	8,435	16,818	4,291	19,180	49,117	246,588
1942	118,462	31,891	7,565	14,150	5,043	16,935	53,119	247,165
1943	100,790	33,105	8,915	15,893	10,283	12,874	64,193	246,053
1944	120,958	32,128	8,184	11,052	4,789	11,502	72,814	266,537
1945	125,278	23,973	6,007	6,604	4,111	23,085	96,436	286,001
1946	131,823	19,415	6,416	4,503	2,399	7,429	92,080	280,065
1947	125,900	16,627	7,142	3,892	1,009	3,557	64,697	241,224
1948	158,969	15,384	5,739	4,322	3,207	26,088	77,479	291,988

1/ INCLUDES ALASKA.

## HOLDINGS

Holdings of frozen fishery products in domestic cold storage plants reporting to the Fish and Wildlife Service on the first of each month during 1948 averaged 114,762,365 pounds. This monthly average is 1,592,484 pounds above the figures of the previous year, but almost 4.5 million pounds below those in the record year of 1946. Ten years earlier in 1938, these holdings averaged only 67,994,000 pounds. Holdings on January 1, were 133,843,860 pounds, this being a carryover from the 1947 holdings. The December 1 holdings totaled 158,007,754 pounds, while a low of 68,267,629 pounds was reached on May 1. According to the geographical distribution of average monthly holdings, the New England States ranked first, followed by the Middle Atlantic and North Central States.

## HOLDINGS OF FROZEN FISHERY PRODUCTS: BY SPECIES AND MONTHS, 1948

SPECIES	JANUARY 1	FEBRUARY 1	MARCH 1	APRIL 1	MAY 1
	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
<b>SALT-WATER FISH:</b>					
BAIT AND ANIMAL FOOD . . . . .	2,220,824	2,635,370	3,160,528	4,415,071	4,605,291
BLUEFISH . . . . .	209,729	176,885	114,705	114,705	91,922
BUTTERFLISH . . . . .	529,706	345,273	191,917	93,003	45,481
COD, HADDOCK, HAKE AND POLLOCK (EX. FILLETS)	1,333,492	884,479	1,078,154	960,442	853,131
CRAWFISHERS . . . . .	377,652	218,902	98,102	341,136	239,708
EELS . . . . .	336,783	402,481	386,365	336,431	306,516
<b>FILLETS:</b>					
COD . . . . .	5,295,664	4,394,707	2,714,591	2,189,982	3,328,913
FLOUNDER (INCLUDING SOLE) . . . . .	1,250,851	831,197	367,421	321,424	573,968
HADDOCK . . . . .	6,073,397	4,076,551	2,645,876	3,305,691	3,883,260
LINGCOD . . . . .	107,208	86,970	74,093	81,860	80,343
MACKEREL . . . . .	641,806	544,263	362,515	284,271	163,743
POLLOCK . . . . .	2,534,663	2,393,368	1,965,583	1,793,843	1,658,747
ROSEFISH . . . . .	10,273,814	6,061,656	6,560,387	6,150,149	5,785,749
WHITING (INCLUDING SPLIT BUTTERFLY) . . . . .	2,095,242	1,290,698	602,665	380,995	394,281
OTHER FILLETS . . . . .	918,216	791,129	713,030	552,451	843,248
FLOWNERS (INCLUDING SOLE, FLUKE, CALIFORNIA HALIBUT) . . . . .	665,274	471,441	342,624	337,401	356,941
HALIBUT . . . . .	14,034,212	11,220,502	8,374,003	5,365,154	3,297,391
HERRING, SEA . . . . .	1,506,489	1,372,160	1,471,404	472,884	586,822
MACKEREL (EXCEPT FILLETS, AND SPANISH AND KING) . . . . .	8,447,865	6,873,586	4,755,684	2,440,289	1,466,564
MULLET . . . . .	426,014	433,379	239,056	129,444	215,483
SABLEFISH (BLACK COD) . . . . .	2,667,021	2,182,183	1,867,572	1,346,869	989,890
<b>SALMON:</b>					
KING OR CHINOOK . . . . .	4,130,425	3,447,841	2,677,896	1,838,263	1,429,712
SILVER OR COHO . . . . .	4,723,777	3,939,601	3,465,828	2,356,553	1,607,886
FALL OR CHUM . . . . .	2,018,483	2,059,365	1,682,914	1,366,699	1,127,523
PINK . . . . .	311,614	322,355	254,849	220,775	42,049
STEELHEAD TROUT . . . . .	58,469	53,716	36,613	27,348	22,228
UNCLASSIFIED . . . . .	1,948,700	1,386,322	1,213,451	1,336,576	1,092,673
SCUP (PORGIES) . . . . .	413,031	444,026	116,938	93,654	135,263
SEA TROUT (WEAKFISH, GRAY AND SPOTTED) . . . . .	557,012	398,220	235,975	207,691	214,757
SHAD (INCLUDING ROE SHAD) . . . . .	428,589	429,004	381,801	317,309	322,153
SHAD ROE . . . . .	53,892	54,223	45,176	35,555	54,218
SMELT . . . . .	724,411	760,749	1,492,925	2,437,978	2,206,775
SWORDFISH . . . . .	797,773	741,507	802,935	718,878	845,220
TUNA . . . . .	705,936	1,163,324	180,053	107,850	103,096
<b>WHITING (SILVER HAKE):</b>					
ROUND . . . . .	3,201,391	3,170,737	1,721,990	807,901	438,381
HEADED AND GUTTED (EXCEPT FILLETS) . . . . .	7,628,340	6,004,497	4,783,177	3,070,198	2,717,738
UNCLASSIFIED SALT-WATER FISH . . . . .	8,249,791	7,259,996	7,162,824	6,563,404	6,215,702
TOTAL, SALT-WATER FISH . . . . .	98,167,056	81,027,563	63,934,898	53,819,127	48,542,809
<b>FRESH-WATER FISH:</b>					
BAIT AND ANIMAL FOOD . . . . .	2,188,835	1,559,478	1,446,685	1,450,910	1,418,590
BLUE PIKE AND SAUGER (EXCEPT FILLETS) . . . . .	388,339	439,736	443,324	396,431	268,077
CATFISH AND BULLHEADS . . . . .	238,460	175,662	126,845	62,121	128,582
CHUBS . . . . .	373,015	315,220	138,021	69,393	59,649
<b>FILLETS:</b>					
BLUE PIKE AND SAUGER . . . . .	135,043	132,373	106,843	37,337	74,265
LAKE HERRING . . . . .	347,939	184,570	116,503	215,679	91,662
YELLOW PERCH . . . . .	65,693	105,335	48,628	41,329	68,041
YELLOW PIKE . . . . .	76,025	97,291	98,538	102,465	60,108
OTHER FILLETS . . . . .	261,475	237,520	203,715	101,289	98,868
LAKE HERRING AND CISCO (EXCEPT FILLETS) . . . . .	1,957,532	1,533,942	1,024,733	584,283	506,693
LAKE TROUT . . . . .	537,687	432,671	338,081	274,508	198,506
PICKEREL (JACKS OR YELLOW JACK) . . . . .	87,587	66,768	98,632	116,741	83,939
STURGEON AND SPOONBILL CAT . . . . .	401,177	312,207	185,716	53,392	57,111
SUCKERS . . . . .	24,471	19,593	31,428	28,284	32,308
TULLIBEE . . . . .	168,390	131,757	126,975	212,900	117,981
YELLOW PERCH (EXCEPT FILLETS) . . . . .	255,341	115,594	66,337	48,710	48,972
YELLOW PIKE (EXCEPT FILLETS) . . . . .	224,893	215,602	205,277	176,784	143,711
WHITEFISH . . . . .	2,079,474	1,648,258	1,633,880	1,297,582	842,570
UNCLASSIFIED FRESH-WATER FISH . . . . .	1,113,766	1,087,806	1,260,569	1,125,470	888,074
TOTAL, FRESH-WATER FISH . . . . .	10,924,152	8,805,994	7,700,730	6,380,608	5,187,463
<b>SHELLFISH:</b>					
CLAMS . . . . .	153,039	142,338	174,950	159,920	251,060
CRABS (INCLUDING CRAB MEAT) . . . . .	543,255	502,663	395,388	280,294	268,933
LOBSTER TAILS (SPINY LOBSTER) . . . . .	952,408	790,954	1,089,428	933,130	952,709
OYSTERS . . . . .	168,811	151,865	104,607	222,923	204,035
SCALLOPS . . . . .	2,140,696	1,607,627	1,168,167	766,059	684,293
SHRIMP (INCLUDING SHRIMP MEAT) . . . . .	17,876,429	16,191,661	13,621,765	12,407,613	10,645,280
SQUID . . . . .	1,785,784	1,644,894	1,297,026	880,971	647,840
UNCLASSIFIED SHELLFISH . . . . .	1,132,234	1,180,106	1,009,222	892,391	863,207
TOTAL, SHELLFISH . . . . .	24,752,652	22,212,108	18,855,553	16,543,501	14,537,357
TOTAL, FISH AND SHELLFISH . . . . .	133,843,860	112,045,665	90,491,181	76,743,236	68,267,629

(CONTINUED ON NEXT PAGE)

## GENERAL REVIEW

## HOLDINGS OF FROZEN FISHERY PRODUCTS: BY SPECIES AND MONTHS, 1948 - Continued

SPECIES	JUNE 1	JULY 1	AUGUST 1	SEPTEMBER 1
	POUNDS	POUNDS	POUNDS	POUNDS
<b>SALT-WATER FISH:</b>				
BAIT AND ANIMAL FOOD . . . . .	3,716,670	3,390,696	2,537,138	1,845,708
BLUEFISH . . . . .	93,980	122,846	110,931	258,031
BUTTERFLY . . . . .	37,895	55,024	147,603	287,826
COD, HADDOCK, HAKE AND POLLOCK (EXCEPT FILLETS) . . . . .	875,317	1,004,118	1,053,392	1,356,957
CROAKERS . . . . .	202,124	268,050	458,838	687,299
EELS . . . . .	302,743	296,226	294,516	248,206
FILLETS:				
COD . . . . .	3,891,178	4,487,226	5,392,305	6,304,139
FLOUNDER (INCLUDING SOLE) . . . . .	1,195,795	2,362,952	3,529,390	4,004,042
HADDOCK . . . . .	3,474,326	4,746,722	7,209,837	7,006,590
LINGCOD . . . . .	151,043	281,893	239,661	190,369
MACKEREL . . . . .	175,229	742,322	942,100	1,290,015
POLLOCK . . . . .	1,530,799	1,469,386	1,438,485	1,243,917
ROSEFISH . . . . .	8,859,695	8,378,557	10,561,990	11,196,501
WHITING (INCLUDING SPLIT BUTTERFLY) . . . . .	451,864	2,086,191	3,183,198	3,395,307
OTHER FILLETS . . . . .	892,699	962,446	917,023	907,435
FLOUNDERS (INCLUDING SOLE, FLUKE, CALIFORNIA HALIBUT) . . . . .	467,077	663,066	877,197	933,798
HALIBUT . . . . .	15,919,204	20,117,975	27,285,281	24,711,935
ERRING, SEA . . . . .	832,219	661,869	565,032	462,769
ACKEREL (EXCEPT FILLETS, AND SPANISH AND KING) . . . . .	1,045,622	1,602,492	3,217,505	4,385,781
MULLET . . . . .	126,174	103,284	166,598	198,077
SABLEFISH (BLACK COD) . . . . .	866,306	1,128,041	2,334,521	3,292,914
SALMON:				
KING OR CHINOOK . . . . .	1,250,964	2,430,573	2,663,504	3,891,336
SILVER OR COHO . . . . .	1,000,779	647,393	1,845,264	3,587,683
FALL OR CHUM . . . . .	979,118	689,083	767,445	1,282,560
PINK . . . . .	179,620	20,122	247,078	277,890
STEELHEAD TROUT . . . . .	35,368	61,433	76,223	62,427
UNCLASSIFIED . . . . .	603,232	625,946	573,617	1,522,381
SCUP (PORGIES) . . . . .	392,137	1,017,912	1,121,088	1,038,591
SEA TROUT (WEAKFISH, GRAY AND SPOTTED) . . . . .	222,916	202,393	195,839	266,317
SHAD (INCLUDING ROE SHAD) . . . . .	339,615	313,245	313,313	316,944
SHAD ROE . . . . .	98,418	69,085	60,166	66,962
SHELT . . . . .	2,053,324	1,929,486	1,929,082	1,959,724
SWORDFISH . . . . .	706,413	578,222	467,818	1,270,854
TUNA . . . . .	1,216,348	97,806	2,419,545	2,428,412
WHITING (SILVER HAKE):				
ROUND . . . . .	1,053,392	1,902,767	4,357,764	4,663,884
HEADED AND GUTTED (EXCEPT FILLETS) . . . . .	2,971,313	6,166,162	9,574,103	10,341,762
UNCLASSIFIED SALT-WATER FISH . . . . .	7,794,895	8,570,310	9,722,252	9,533,780
TOTAL, SALT-WATER FISH . . . . .	66,008,311	80,271,320	108,791,612	116,356,123
<b>FRESH-WATER FISH:</b>				
BAIT AND ANIMAL FOOD . . . . .	1,277,770	1,352,026	1,131,121	708,160
BLUE PIKE AND SAUGER (EXCEPT FILLETS) . . . . .	257,485	250,494	324,514	266,387
CATFISH AND BULLHEADS . . . . .	177,503	246,555	257,489	206,964
CHUBS . . . . .	72,375	181,626	383,074	585,601
FILLETS:				
BLUE PIKE AND SAUGER . . . . .	108,334	69,856	38,141	61,787
LAKE HERRING . . . . .	85,672	41,405	37,555	56,531
YELLOW PERCH . . . . .	96,544	76,450	75,648	108,297
YELLOW PIKE . . . . .	52,177	44,967	43,406	26,566
OTHER FILLETS . . . . .	148,956	89,851	29,511	83,200
LAKE HERRING AND CISCO (EXCEPT FILLETS) . . . . .	570,218	600,715	568,729	472,725
LAKE TROUT . . . . .	222,759	212,613	227,025	299,931
PICKEREL (JACKS OR YELLOW JACK) . . . . .	97,402	90,252	112,719	62,607
STURGEON AND SPOONBILL CAT . . . . .	70,698	140,988	186,828	214,114
SUCKERS . . . . .	31,003	31,023	29,868	27,469
TULLIBEE . . . . .	114,579	132,971	257,695	332,599
YELLOW PERCH (EXCEPT FILLETS) . . . . .	38,492	112,407	164,767	248,054
YELLOW PIKE (EXCEPT FILLETS) . . . . .	141,114	153,858	132,959	139,421
WHITEFISH . . . . .	799,024	900,225	892,646	1,147,754
UNCLASSIFIED FRESH-WATER FISH . . . . .	875,243	1,040,562	1,246,164	1,273,886
TOTAL, FRESH-WATER FISH . . . . .	5,237,348	5,768,244	6,138,859	6,322,053
<b>SHELLFISH:</b>				
CLAMS . . . . .	160,673	240,562	465,820	353,123
CRABS (INCLUDING CRAB MEAT) . . . . .	504,035	754,976	505,061	591,204
LOBSTER TAILS (SPINY LOBSTER) . . . . .	880,501	674,793	589,778	646,497
OYSTERS . . . . .	277,494	302,477	288,144	222,365
SCALLOPS . . . . .	775,535	1,343,057	1,679,214	2,236,662
SHRIMP (INCLUDING SHRIMP MEAT) . . . . .	9,765,620	8,504,344	6,297,496	6,589,405
SQUID . . . . .	1,209,429	1,676,739	1,706,318	1,682,679
UNCLASSIFIED SHELLFISH . . . . .	781,725	1,000,309	1,014,643	925,752
TOTAL, SHELLFISH . . . . .	14,355,012	14,497,257	12,543,474	13,249,687
TOTAL, FISH AND SHELLFISH . . . . .	85,600,671	100,536,821	127,473,945	135,927,863

(CONTINUED ON NEXT PAGE)

## HOLDINGS OF FROZEN FISHERY PRODUCTS: BY SPECIES AND MONTHS, 1948 - Continued

SPECIES	OCTOBER 1	NOVEMBER 1	DECEMBER 1	DECEMBER 31
	POUNDS	POUNDS	POUNDS	POUNDS
<b>SALT-WATER FISH:</b>				
BAIT AND ANIMAL FOOD	1,688,940	2,007,267	2,114,824	1,817,251
BLUEFISH	313,919	298,472	322,545	336,925
BUTTERFLISH	380,722	489,045	383,302	395,561
COD, HADDOCK, HAKE AND POLLOCK (EXCEPT FILLETS)	1,476,837	1,985,427	2,206,627	1,667,729
CROAKERS	679,958	536,773	348,930	313,842
EELS	231,743	196,545		195,242
FILLETS:				
COD	5,541,302	7,805,403	8,496,275	8,635,925
FLOUNDER (INCLUDING SOLE)	5,109,120	4,939,052	4,363,138	4,698,786
HADDOCK	6,647,184	6,692,633	7,833,158	7,157,472
LINGCOD	99,553	136,569	129,459	131,178
MACKEREL	731,879	730,402	628,696	574,156
POLLOCK	1,021,732	928,785	2,643,607	3,972,769
ROSEFISH	11,473,199	13,054,846	14,217,063	12,883,234
WHITING (INCLUDING SPLIT BUTTERFLY)	3,075,668	1,835,835	2,096,915	1,810,558
OTHER FILLETS	1,095,092	1,372,022	1,455,432	1,389,874
FLOWNERS (INCLUDING SOLE, FLUKE, CALIFORNIA HALIBUT)	781,417	992,438	1,163,270	1,033,672
HALIBUT	22,151,173	19,231,269	16,789,458	13,516,355
HERRING, SEA	780,903	882,374	946,275	1,231,265
MACKEREL (EXCEPT FILLETS, AND SPANISH AND KING)	4,156,070	3,235,451	3,718,953	4,017,300
MULLET	222,679	416,319	582,366	723,666
SABLEFISH (BLACK COD)	5,155,470	5,144,069	5,375,506	4,674,840
SALMON:				
KING OR CHINOOK	4,687,552	4,542,834	5,128,377	4,167,289
SILVER OR COHO	4,516,754	4,105,071	4,277,779	3,743,984
FALL OR CHUM	1,104,879	1,500,248	2,211,261	1,899,563
PINK	156,377	141,686	145,503	159,014
STEELHEAD TROUT	66,610	68,943	106,713	73,083
UNCLASSIFIED	1,912,644	1,525,356	1,894,200	1,479,270
SCUP (PORGIES)	1,055,523	1,119,180	985,997	800,632
SEA TROUT (WEAKFISH, GRAY AND SPOTTED)	411,074	454,959	485,827	471,711
SHAD (INCLUDING ROE SHAD)	280,998	286,664	262,728	229,402
SHAD ROE	52,702	82,924	66,884	59,118
SHELT	1,597,653	1,492,248	1,517,352	1,430,634
SWORDFISH	1,323,925	1,649,921	1,862,193	1,690,924
TUNA	1,978,131	1,396,322	1,006,147	906,200
WHITING (SILVER HAKE):				
ROUND	6,511,767	6,171,587	6,075,882	5,164,531
HEADED AND GUTTED (EXCEPT FILLETS)	8,875,201	9,706,914	9,449,577	8,506,880
UNCLASSIFIED SALT-WATER FISH	9,953,358	12,752,792	11,949,862	12,389,989
TOTAL, SALT-WATER FISH	118,298,858	119,908,045	123,745,271	114,349,829
<b>FRESH-WATER FISH:</b>				
BAIT AND ANIMAL FOOD	497,622	405,969	1,126,534	2,732,795
BLUE PIKE AND SAUGER (EXCEPT FILLETS)	344,257	758,749	835,752	955,039
CATFISH AND BULLHEADS	168,433	210,331	314,173	346,343
CHUBS	769,666	966,332	976,346	1,028,571
FILLETS:				
BLUE PIKE AND SAUGER	54,650	195,715	472,421	502,725
LAKE HERRING	30,607	33,545	151,152	123,342
YELLOW PERCH	285,483	308,075	270,600	229,591
YELLOW PIKE	44,148	56,460	57,477	84,742
OTHER FILLETS	106,631	30,838	166,713	119,657
LAKE HERRING AND CISCO (EXCEPT FILLETS)	569,304	491,151	1,075,883	1,806,814
LAKE TROUT	436,905	676,809	666,614	532,310
PICKEREL (JACKS OR YELLOW JACK)	145,570	274,702	161,971	146,929
SURGEON AND SPOONBILL CAT	367,535	413,223	455,530	490,230
SUCKERS	25,419	23,727	23,225	20,694
TULLIBEE	249,879	215,604	273,260	218,148
YELLOW PERCH (EXCEPT FILLETS)	329,659	506,141	577,567	668,759
YELLOW PIKE (EXCEPT FILLETS)	133,377	156,106	316,589	191,387
WHITFISH	1,572,936	1,771,925	1,519,961	1,677,397
UNCLASSIFIED FRESH-WATER FISH	786,158	1,427,469	1,377,280	1,096,012
TOTAL, FRESH-WATER FISH	6,890,649	8,881,871	10,819,048	12,911,485
<b>SHELLFISH:</b>				
CLAMS	392,511	244,651	331,644	330,461
CRABS (INCLUDING CRAB MEAT)	618,499	592,952	667,894	563,350
LOBSTER TAILS (SPINY LOBSTER)	642,828	680,278	596,434	780,738
OYSTERS	191,741	234,308	233,615	270,299
SCALLOPS	2,645,034	2,927,772	3,118,439	3,098,578
(INCLUDING SHRIMP MEAT)	7,277,531	12,147,416	16,060,175	16,225,598
SQUID	1,537,336	1,392,180	1,495,448	1,145,703
UNCLASSIFIED SHELLFISH	965,714	1,019,582	939,786	793,485
TOTAL, SHELLFISH	14,971,194	19,259,139	23,443,435	23,712,212
TOTAL, FISH AND SHELLFISH	140,160,701	148,049,055	158,007,754	150,973,526

NOTE:—DATA ON THE HOLDINGS OF LOBSTER TAILS FOR THE MONTHS FROM JULY TO NOVEMBER INCLUSIVE ARE PARTLY ESTIMATED.

## GENERAL REVIEW

## HOLDINGS OF FROZEN FISHERY PRODUCTS: BY GEOGRAPHICAL SECTIONS AND MONTHS, 1948

DATE	NEW ENGLAND	MIDDLE ATLANTIC	SOUTH ATLANTIC	NORTH CENTRAL EAST	NORTH CENTRAL WEST
	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
JANUARY 1 . . . . .	31,969,205	26,884,095	4,731,976	23,103,169	9,034,142
FEBRUARY 1 . . . . .	23,832,322	23,233,788	4,024,385	21,154,376	7,487,780
MARCH 1 . . . . .	16,405,739	18,823,362	3,407,842	18,533,135	6,574,958
APRIL 1 . . . . .	12,789,949	15,063,134	2,855,643	14,984,008	5,603,945
MAY 1 . . . . .	12,544,036	13,591,564	2,734,006	13,130,279	5,047,802
JUNE 1 . . . . .	16,505,888	13,403,505	2,290,783	13,461,025	4,872,523
JULY 1 . . . . .	24,384,214	14,860,573	2,276,085	14,822,403	5,495,968
AUGUST 1 . . . . .	36,154,324	18,502,100	2,897,637	18,045,362	6,084,155
SEPTEMBER 1 . . . . .	39,780,269	22,060,364	4,184,113	18,252,887	6,022,690
OCTOBER 1 . . . . .	30,298,661	25,603,315	5,726,568	20,244,462	6,263,384
NOVEMBER 1 . . . . .	39,006,104	21,949,624	6,923,507	24,087,585	7,332,929
DECEMBER 1 . . . . .	41,984,545	30,010,440	6,428,527	25,667,859	10,007,905
AVERAGE . . . . .	27,804,605	20,832,155	4,078,006	18,791,053	6,652,832

DATE	SOUTH CENTRAL	PACIFIC	ALASKA	TOTAL
	POUNDS	POUNDS	POUNDS	POUNDS
JANUARY 1 . . . . .	11,707,869	19,701,397	6,712,007	133,843,860
FEBRUARY 1 . . . . .	9,348,455	18,437,582	4,526,976	112,045,665
MARCH 1 . . . . .	8,078,426	13,932,845	4,728,874	90,491,181
APRIL 1 . . . . .	6,772,447	13,656,472	5,011,758	76,743,236
MAY 1 . . . . .	6,035,049	11,428,133	3,747,760	68,267,629
JUNE 1 . . . . .	6,049,299	16,217,358	12,800,290	85,600,671
JULY 1 . . . . .	5,290,996	15,366,781	17,589,801	100,536,821
AUGUST 1 . . . . .	4,441,928	20,856,775	20,491,664	127,473,945
SEPTEMBER 1 . . . . .	5,240,456	20,980,242	19,398,842	135,927,863
OCTOBER 1 . . . . .	5,939,092	21,675,465	16,409,754	140,160,701
NOVEMBER 1 . . . . .	9,748,578	21,617,085	11,383,643	148,049,055
DECEMBER 1 . . . . .	11,862,303	22,559,818	9,486,357	158,007,754
AVERAGE . . . . .	7,543,908	18,035,829	11,023,977	114,762,365

NOTE:--THE STATES INCLUDED IN THE VARIOUS SECTIONS ARE INDICATED ON PAGE 53

## COLD-STORAGE HOLDINGS OF CURED FISH

During 1948, monthly cold storage holdings of cured herring averaged 10,429,717 pounds, while those of mild-cured salmon averaged 4,744,616 pounds. Compared with 1947, this represents a decrease of 3,383,751 pounds or 24 percent in the average monthly holdings of cured herring, and a decrease of 1,115,791 pounds or 19 percent in average mild-cured salmon stocks. Cold storage stocks of cured herring were largest on July 1 when they reached nearly 13 million pounds. The peak period for mild-cured salmon during 1948 was on January 1, when the stocks reached over 6.5 million pounds.

## COLD STORAGE HOLDINGS OF CURED FISH

DATE	HERRING, CURED	SALMON, MILD CURED	OTHER	SHOKED	TOTAL
	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
JANUARY 1 . . . . .	10,450,497	6,536,798	3,195,166	1,671,600	21,854,061
FEBRUARY 1 . . . . .	10,226,026	5,942,081	2,356,319	1,605,740	20,130,166
MARCH 1 . . . . .	10,972,148	4,988,668	1,465,248	1,760,814	19,186,878
APRIL 1 . . . . .	10,649,974	4,108,582	2,283,686	2,066,105	19,108,347
MAY 1 . . . . .	10,006,340	2,379,400	1,976,130	1,845,765	16,197,635
JUNE 1 . . . . .	11,437,098	2,766,633	2,827,662	1,713,861	18,945,314
JULY 1 . . . . .	12,983,177	2,999,020	1,462,784	1,620,445	19,065,426
AUGUST 1 . . . . .	12,335,130	4,933,633	1,940,243	1,586,816	20,795,822
SEPTEMBER 1 . . . . .	11,603,872	5,990,244	3,621,817	1,680,777	22,896,710
OCTOBER 1 . . . . .	10,032,386	5,870,556	4,119,977	1,520,613	21,563,532
NOVEMBER 1 . . . . .	8,235,079	5,522,307	3,134,658	2,083,211	18,975,255
DECEMBER 1 . . . . .	6,024,881	4,877,418	4,846,507	1,586,421	17,337,227
DECEMBER 31 . . . . .	5,542,111	4,335,888	3,893,568	1,528,304	15,299,871

FOREIGN FISHERY TRADE<sup>1/</sup>

The value of United States foreign trade in fishery products in 1948 amounted to \$181,046,411, of which \$156,644,400 represented the value of products imported for consumption and \$24,402,011 the value of exports of domestic fishery products. The value of imports for consumption was 42 percent above the previous year, while the value of exports of domestic fishery products decreased 54 percent.

Fishery imports during 1948 consisted of 472,742,258 pounds of edible products, valued at \$111,659,640. Non-edible fishery imports were valued at \$44,984,760.

Fishery exports during 1948 were made up of 95,085,018 pounds of edible products valued at \$21,020,476, and non-edible products valued at \$3,381,535.

Increases in imports were reported for most categories, but the largest increases occurred in imports of fresh and frozen groundfish fillets and shrimp, vitamin oils, and fish scrap and meal. The largest decreases in exports were listed for canned salmon and sardines.

The data presented in the following tables are preliminary and are subject to minor revisions as they have been prepared for publication prior to the issuing of 'Foreign Commerce and Navigation of the United States' for 1948 by the Bureau of the Census.

<sup>1/</sup> These statistics have been furnished by the Bureau of Census, Department of Commerce.

EXPORTS OF DOMESTIC FISHERY PRODUCTS, 1948 <sup>1/</sup>

ITEM	POUNDS	VALUE
EDIBLE FISHERY PRODUCTS		
FRESH OR FROZEN:		
FISH:		
COD, HADDOCK, HAKE, POLLOCK AND CUSK. . . . .	(1)	(1)
SALMON. . . . .	130,070	\$58,357
OTHER . . . . .	3,018,913	402,421
TOTAL FISH, FRESH OR FROZEN . . . . .	3,148,983	460,778
SHELLFISH:		
CLAMS . . . . .	286,190	18,794
LOBSTERS. . . . .	469,037	246,235
OYSTERS, IN SHELL . . . . .	31,807	6,554
OYSTERS, SHUCKED. . . . .	44,005	26,284
SHRIMP. . . . .	493,439	296,480
OTHER . . . . .	2,573	2,814
TOTAL SHELLFISH, FRESH OR FROZEN. . . . .	1,327,051	597,161
TOTAL FRESH AND FROZEN FISH AND SHELLFISH . . . . .	4,476,034	1,057,939
CANNED:		
FISH:		
COD, HADDOCK, HAKE, POLLOCK AND CUSK. . . . .	2,964,288	581,351
HERRING . . . . .	7,437,825	1,332,925
MACKEREL. . . . .	(2)	(2)
SALMON. . . . .	2,641,184	1,305,362
SARDINES. . . . .	29,313,161	6,410,705
TUNA. . . . .	(2)	(2)
OTHER . . . . .	28,765,130	6,545,835
TOTAL FISH CANNED . . . . .	71,121,588	16,176,178
SHELLFISH: <sup>3/</sup>		
CLAMS . . . . .	(4)	(4)
CRABS AND CRAB MEAT . . . . .	72,929	82,821
OYSTERS . . . . .	5,86,060	5,69,348
SHRIMP. . . . .	471,191	455,432
OTHER . . . . .	14,986,534	1,894,245
TOTAL SHELLFISH CANNED. . . . .	15,616,714	2,501,846
TOTAL FISH AND SHELLFISH CANNED . . . . .	86,738,302	18,678,024
CURED:		
SALTED, PICKLED OR DRY-CURED:		
COD, HADDOCK, HAKE, POLLOCK AND CUSK. . . . .	978,338	220,033
HERRING . . . . .	565,936	87,597
SALMON. . . . .	162,374	62,517
SARDINES. . . . .	7,076	9,971
OTHER FISH. . . . .	189,184	36,989
SHRIMP. . . . .	476,568	354,624
TOTAL FISH AND SHELLFISH, SALTED, PICKLED OR DRY-CURED	2,379,476	763,731
TOTAL CURED FISH AND SHELLFISH. . . . .	2,379,476	763,731
OTHER FISH AND SHELLFISH NOT ESPECIALLY PROVIDED FOR	1,491,206	520,782
TOTAL EDIBLE PRODUCTS . . . . .	95,085,018	21,020,476

SEE FOOTNOTES AT END OF TABLE

(CONTINUED ON NEXT PAGE)

EXPORTS OF DOMESTIC FISHERY PRODUCTS, 1948 <sup>1/</sup> - Continued

ITEM	UNIT	QUANTITY	VALUE
<b>NON-EDIBLE FISHERY PRODUCTS</b>			
FISH AND MARINE ANIMAL OILS:			
FISH OILS . . . . .	POUNDS	11,756,624	\$1,837,329
FISH OILS, ETC., AND CONCENTRATES . . . . .	DO	(6)	(6)
WHALE AND SPERM OIL . . . . .	DO	295,619	68,369
TOTAL OIL . . . . .	DO	12,052,243	1,905,698
FISH MEAL FOR FEED. . . . .	TONS	80	12,875
FUR, FUR SEAL, DRESSED OR DYED. . . . .	NUMBER	8,204	446,743
REPTILIAN AND AQUATIC LEATHER . . . . .	POUNDS	41,905	226,787
OYSTER SHELLS FOR FEED. . . . .	TONS	27,200	361,934
SHELLS UNMANUFACTURED . . . . .	POUNDS	2,157,436	187,366
BUTTONS OF PEARL OR SHELL . . . . .	GROSS	232,603	240,132
TOTAL . . . . .	-	-	1,475,837
TOTAL NON-EDIBLE PRODUCTS . . . . .	-	-	3,381,535
GRAND TOTAL . . . . .	-	-	24,402,011

- 1/ INCLUDED WITH "OTHER FRESH OR FROZEN FISH"  
 2/ INCLUDED WITH "OTHER CANNED FISH".  
 3/ CANNED LOBSTERS WHICH WERE FORMERLY SHOWN HAVE BEEN DELETED AS IT HAS BEEN FOUND THAT THIS ITEM IS NOT A U. S. EXPORT.  
 4/ INCLUDED WITH CANNED OYSTERS.  
 5/ INCLUDES CANNED CLAMS.  
 6/ DATA NOT AVAILABLE.

## IMPORTS OF FISHERY PRODUCTS ENTERED FOR CONSUMPTION, 1948

ITEM	POUNDS	VALUE
<b>EDIBLE FISHERY PRODUCTS</b>		
<b>FRESH OR FROZEN:</b>		
<b>FISH:</b>		
<b>WHETHER OR NOT WHOLE (EXCEPT FILLETS, STEAKS, ETC.):</b>		
<b>FRESH-WATER:</b>		
BLUE PIKE . . . . .	763,279	\$122,449
CHUBS . . . . .	509,238	126,422
EELS (FRESH-WATER AND SALT-WATER) . . . . .	672,346	92,999
LAKE HERRING AND CISCOES . . . . .	1,990,980	478,837
LAKE TROUT . . . . .	2,903,223	921,780
MULLET (CATASTOMUS) . . . . .	1,078,884	102,043
PIKE OR PICKEREL . . . . .	2,798,304	348,517
SAUGER . . . . .	1,931,941	380,228
TULLIBEEES . . . . .	3,496,022	379,162
WHITEFISH . . . . .	10,998,145	3,338,303
YELLOW PERCH . . . . .	816,835	146,202
YELLOW PIKE . . . . .	8,781,662	2,237,302
OTHER . . . . .	13,258,002	2,878,930
TOTAL FRESH-WATER FISH . . . . .	49,998,861	11,553,174
<b>SALT-WATER:</b>		
COD, HADDOCK, HAKE, POLLOCK, AND CUSK . . . . .	5,277,769	502,087
HALIBUT . . . . .	13,951,646	3,162,127
HACKEREL . . . . .		
FRESH . . . . .	45,739	4,033
FROZEN . . . . .	805,720	72,859
SALMON . . . . .	23,952,200	7,159,278
SEA HERRING:		
FRESH . . . . .	64,337,752	1,491,832
FROZEN . . . . .	2,852,060	119,296
SHAD . . . . .	305,558	29,451
SHELLS . . . . .	6,645,776	1,569,913
STURGEONS:		
FRESH . . . . .	304,540	261,774
FROZEN . . . . .	79,185	73,241
SWORDFISH:		
FRESH . . . . .	2,111,470	755,453
FROZEN . . . . .	2,920,657	697,530
TOTUAVA (MEXICAN WHITE SEA BASS) . . . . .	1,933,834	241,647
TUNA . . . . .	9,142,564	1,615,640
OTHER . . . . .	5,930,089	815,092
TOTAL SALT-WATER FISH . . . . .	140,596,559	18,571,253
<b>FILLETS, STEAKS, ETC:</b>		
COD, HADDOCK, HAKE, POLLOCK, CUSK AND ROSEFISH . . . . .	53,963,546	10,751,832
OTHER . . . . .	13,203,659	4,166,828
TOTAL FILLETS, STEAKS, ETC. . . . .	67,167,205	14,918,666
TOTAL FISH FRESH OR FROZEN . . . . .	257,762,625	45,043,093

(CONTINUED ON NEXT PAGE)



## IMPORTS OF FISHERY PRODUCTS ENTERED FOR CONSUMPTION, 1948 - Continued

ITEM	POUNDS	VALUE
EDIBLE FISHERY PRODUCTS - CONTINUED		
FRESH OR FROZEN - CONTINUED:		
SHELLFISH, ETC.:		
CLAMS (IN SHELL OR SHUCKED, MAY INCLUDE SOME PRESERVED OR PREPARED) . . . . .	3,572,172	\$646,799
CRABS:		
FRESH OR FROZEN. . . . .	127,925	14,682
CRAB MEAT (FRESH-COOKED) . . . . .	4,547	3,621
LOBSTERS:		
COMMON (INCLUDES FRESH-COOKED MEAT). . . . .	20,850,171	9,289,048
SPINY. . . . .	7,757,154	3,970,899
OYSTERS:		
EXCEPT SEED OYSTERS. . . . .	16,517	7,414
OTHER (PRINCIPALLY SEED OYSTERS) . . . . .	3,021,116	273,721
SCALLOPS:		
FRESH. . . . .	151,246	89,036
OTHER (PRINCIPALLY FROZEN) . . . . .	352,448	205,997
SHRIMP AND PRAMN (MAY INCLUDE SOME DRIED AND CANNED) . . . . .	21,563,923	10,019,637
FROGS LEGS . . . . .	1/ 766,262	1/ 637,856
TURTLES (LIVE ONLY). . . . .	794,429	56,933
TOTAL SHELLFISH, ETC. FRESH OR FROZEN. . . . .	58,977,010	25,215,643
TOTAL FRESH AND FROZEN FISH, SHELLFISH, ETC. . . . .	316,739,635	70,258,736
CANNED:		
FISH:		
ANCHOVIES:		
IN OIL . . . . .	3,876,128	2,758,189
NOT IN OIL . . . . .	1,063,306	332,168
SALMON, NOT IN OIL . . . . .	882,482	299,289
SARDINES:		
IN OIL . . . . .	22,104,039	8,676,087
NOT IN OIL (INCLUDES HERRING). . . . .	9,051,915	2,061,313
TUNA, IN OIL 2/ . . . . .	8,289,442	4,770,263
BONITO AND YELLOWTAIL 2/ . . . . .	306,108	121,576
OTHER:		
IN OIL . . . . .	353,029	195,697
NOT IN OIL . . . . .	681,089	286,614
TOTAL CANNED FISH. . . . .	46,607,538	19,501,196
SHELLFISH, ETC.:		
ABALONE (MAY INCLUDE FRESH AND DRIED AND CANNED PASTE AND SAUCE) . . . . .	4,512,540	1,633,741
CLAMS:		
OTHER. . . . .	32,325	17,727
CHOWDER, JUICE, ETC. . . . .	23,925	4,769
CRAB MEAT (INCLUDES PASTE AND SAUCE) . . . . .	1,336,567	750,872
LOBSTER MEAT:		
COMMON . . . . .	1,638,910	2,477,435
SPINY. . . . .	1,073,012	753,869
OYSTERS AND OYSTER JUICE . . . . .	157,526	141,911
OTHER. . . . .	613,633	323,197
TOTAL CANNED SHELLFISH . . . . .	9,388,438	6,103,521
MISCELLANEOUS:		
ANTI PASTO. . . . .	91,574	45,244
FISH CAKES, BALLS AND PUDDING. . . . .	1,023,937	173,119
CAVIAR AND OTHER FISH ROE (INCLUDES SOME NOT CANNED) . . . . .	334,912	509,475
PASTES AND SAUCES:		
FISH . . . . .	39,828	25,664
LOBSTER. . . . .	25,251	13,833
SHELLFISH (EXCEPT LOBSTER AND CRAB). . . . .	83,147	45,414
TOTAL MISCELLANEOUS CANNED . . . . .	1,598,649	812,749
TOTAL CANNED FISH AND SHELLFISH. . . . .	57,594,625	26,417,466
CURED:		
DRIED (UNSALTED):		
COD, HADDOCK, HAKE, POLLOCK AND CUSK . . . . .	960,622	275,236
SHARK FINS . . . . .	241,233	109,534
OTHER. . . . .	604,662	231,505
TOTAL DRIED (UNSALTED) . . . . .	1,806,517	616,275

SEE FOOTNOTES AT END OF TABLE

(CONTINUED ON NEXT PAGE)

## GENERAL REVIEW

## IMPORTS OF FISHERY PRODUCTS ENTERED FOR CONSUMPTION, 1948 - Continued

ITEM	POUNDS	VALUE
EDIBLE FISHERY PRODUCTS - CONTINUED		
CURED - CONTINUED		
PICKLED OR SALTED:		
ALEWIVES . . . . .		\$79,603
COD, HADDOCK, HAKE, POLLOCK AND CUSK:		
SKINNED OR BONED . . . . .	850,245	
OTHER . . . . .		
HERRING . . . . .	6,635,749	1,580,478
MACKEREL . . . . .	48,251,716	7,062,865
SALMON . . . . .	28,914,531	3,145,183
OTHER . . . . .	3,576,282	575,388
	772,607	287,628
	742,563	253,226
TOTAL PICKLED OR SALTED . . . . .	89,743,693	12,984,371
SMOKED OR KIPPERED:		
COD, HADDOCK, HAKE, POLLOCK AND CUSK:		
WHOLE, OR BEHEADED, OR EvisCERATED, OR BOTH . . . . .	369,315	76,434
FILLETS, STEAKS, ETC. . . . .	3,337,993	740,786
HERRING:		
WHOLE OR BEHEADED:		
HARD DRY-SMOKED . . . . .	441,330	42,223
OTHER . . . . .	92,998	12,011
BONED . . . . .	511,131	101,073
NOT BONED (EvisCERATED, SPLIT) . . . . .	1,380,115	190,172
SALMON . . . . .	122,926	50,769
OTHER . . . . .	71,385	13,829
TOTAL SMOKED OR KIPPERED . . . . .	6,327,193	1,227,297
TOTAL CURED . . . . .	97,877,403	14,827,943
OTHER FISH AND SHELLFISH, NOT ESPECIALLY PROVIDED FOR . . . . .	530,595	155,495
TOTAL EDIBLE FISHERY PRODUCTS . . . . .	472,742,258	111,659,640
NON-EDIBLE FISHERY PRODUCTS		
FISH AND MARINE ANIMAL OILS:	UNIT	VALUE
COD:	QUANTITY	
INDUSTRIAL . . . . .	GALLONS 422,465	\$587,828
MEDICAL . . . . .	DO 2,037,047	4,697,280
HALIBUT LIVER . . . . .	DO 7,243	611,997
HERRING . . . . .	DO 2,447,871	2,464,059
SHARK, INCLUDING GRAYFISH:		
BODY . . . . .	DO 2,344	46,936
LIVER . . . . .	DO 575,645	6,925,021
SOD . . . . .	DO 9,945	11,740
WHALE:		
SPERM, REFINED . . . . .	DO 1,382	2,230
SPERM, CRUDE . . . . .	DO 5,212,322	5,763,446
OTHER . . . . .	DO 899	11,441
SEAL . . . . .	DO 4,989	5,447
OTHER:		
BODY . . . . .	DO 53,582	141,667
LIVER . . . . .	DO 33,038	1,956,982
TOTAL FISH AND MARINE ANIMAL OILS . . . . .	DO 10,808,772	23,226,074
PEARLS:		
CULTIVATED . . . . .	-	748,302
NATURAL . . . . .	-	772,763
TOTAL PEARLS . . . . .	-	1,521,065
SHELLS AND BUTTONS:		
SHELLS, UNMANUFACTURED:		
MOTHER-OF-PEARL . . . . .	POUNDS 5,345,194	2,538,429
TORTOISE SHELL . . . . .	DO 100	336
OTHER . . . . .	DO 6,421,856	891,124
SHELL AND MOTHER-OF-PEARL ORNAMENTED . . . . .	-	13,808
OCEAN PEARL OR SHELL BUTTONS AND BLANKS . . . . .	GROSS 283,176	261,263
TOTAL SHELL AND BUTTONS . . . . .	-	3,704,960

SEE FOOTNOTES AT END OF TABLE

(CONTINUED ON NEXT PAGE)

## IMPORTS OF FISHERY PRODUCTS ENTERED FOR CONSUMPTION, 1948 - Continued

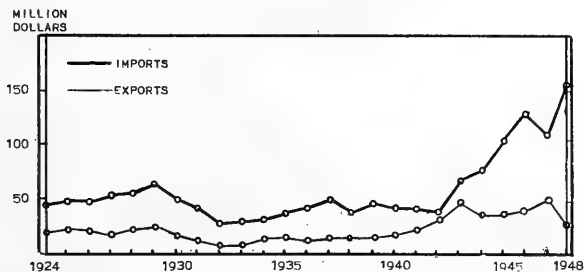
ITEM	UNIT	QUANTITY	VALUE
NON-EDIBLE FISHERY PRODUCTS - CONTINUED			
SPONGES:			
HARDHEAD OR REEF . . . . .	POUNDS	4,182	\$14,997
SHEEPSWOL . . . . .	DO	33,538	197,711
YELLOW AND GRASS . . . . .	DO	11,543	40,776
OTHER . . . . .	DO	305,752	2,333,821
TOTAL SPONGES . . . . .	DO	355,015	2,587,305
OTHER:			
AGAR-AGAR . . . . .	POUNDS	249,354	449,322
AMBERGRIS . . . . .	DO	248	27,017
AQUARIUM FISH (INCLUDING GOLDFISH). . . . .	-	-	25,166
AQUATIC LEATHERS:			
FISH:			
SHARK . . . . .	POUNDS	105,323	16,977
OTHER . . . . .	DO	2,680,807	65,245
REPTILE SKINS, (RAW). . . . .	DO	2,676,590	1,632,607
REPTILIAN AND SHARK SKINS AND PRODUCTS. . . . .	-	-	2,932,380
SEAL SKINS:			
RAW (NOT FUR SKINS) . . . . .	POUNDS	944,150	554,193
FUR, NOT DRESSED. . . . .	NUMBER	2,718	7,378
WALRUS. . . . .	DO	6,482	9,908
BONE:			
CUTTLEFISH. . . . .	POUNDS	127,708	21,259
WHALE AND MANUFACTURES OF . . . . .	-	-	9,626
COD LIVER OIL CAKE AND MEAL . . . . .	POUNDS	3,159,856	169,888
FISH (OTHER THAN FOR HUMAN CONSUMPTION) . . . . .	POUNDS	139,174	709,939
FISH SOUNDS . . . . .	POUNDS	344,990	58,846
GLUE . . . . .	DO	11,290	8,026
ISINGLASS . . . . .	DO	2,466,908	100,805
KELP. . . . .	DO	2,870,286	1,899,133
LIVERS (EXCLUDING VISCERA, GLANDS, ETC.). . . . .	DO	-	153,703
MOSS AND SEAWEEDES, DYED OR MANUFACTURED . . . . .	DO	-	-
SCRAP AND MEAL:			
ANIMAL FEED . . . . .	TONS	35,856	4,431,890
FERTILIZER. . . . .	DO	5,268	609,791
SODIUM ALGINATE . . . . .	POUNDS	968	785
SERPICETTI WAX . . . . .	DO	3,000	1,091
TOTAL OTHER . . . . .	-	-	13,945,356
TOTAL NON-EDIBLE FISHERY PRODUCTS . . . . .	-	-	44,984,760
GRAND TOTAL . . . . .	-	-	156,644,400

1/ INCLUDES A SMALL QUANTITY PRESERVED.

2/ PRIOR TO 1948 IMPORTS OF BONITO AND YELLOWTAIL WERE INCLUDED WITH THOSE OF TUNA. IN 1948 PART OF THE BONITO AND YELLOWTAIL RECEIVED WAS INCLUDED WITH TUNA.

NOTE: - THE DATA ARE PRELIMINARY AS THEY WERE COMPILED PRIOR TO THE ISSUING OF "FOREIGN COMMERCE AND NAVIGATION OF THE UNITED STATES, 1948". THE DATA INCLUDED IMPORTS TO UNITED STATES TERRITORIES AND POSSESSIONS. DATA ON THE FISHERIES OF THE UNITED STATES TERRITORIES AND POSSESSIONS, OTHER THAN ALASKA, ARE NOT INCLUDED IN THE OPERATING UNIT, CATCH, AND MANUFACTURED PRODUCTS TABLES.

## IMPORTS AND EXPORTS OF FISHERY PRODUCTS 1924-1948



## SECTION 2.- NEW ENGLAND FISHERIES

(Area XXII)<sup>2</sup>

The year 1948 found the fisheries of the New England States (Maine, New Hampshire, Massachusetts, Rhode Island and Connecticut) operating free of federal World-War II restrictions for the second year. The demand was generally good throughout the year, however, a sharp decline was evidenced during the last two months of the year. Due to exceptionally good weather, the fall and early winter production remained at a high level. There is normally a decrease in demand at the end of any year, and this decrease was particularly noticeable in New England during 1948 because of the increased production. The first dip in meat prices in over two years, and the reluctance of the fishing industry to follow suit, resulted in consumer resistance toward fishery products at the prevailing prices. The frozen fish market was affected considerably towards the end of the year by the slackened demand since this market depends on higher winter prices to compensate for the added cost of freezing and storage.

Despite the difficulties mentioned in the preceding paragraph, the 1948 catch of fish and shellfish in the New England states established a new record, and totaled 998,380,200 pounds, valued at \$67,987,863 to the fishermen. The yield was over 195 million pounds greater than the 1947 production, while the value increased 11.8 million dollars.

Massachusetts, with 649,695,900 pounds, valued at \$46,665,387, had the largest production in the section; followed by Maine with 303,504,300 pounds, valued at \$16,076,969; Rhode Island with 26,445,500 pounds, valued at \$3,239,530; Connecticut with 18,204,800 pounds, valued at \$1,749,821; and New Hampshire with 529,700 pounds, valued at \$256,156. Landings in Massachusetts registered an increase of over 106 million pounds compared with the previous year, while Maine landings showed an increase of over 82 million pounds.

Gloucester was the most important port in the area in 1948 from the standpoint of quantity, with landings of 251,113,164 pounds; Boston was first in value, with landings totaling \$16,182,503, followed by New Bedford with \$11,772,568.

Rosefish (ocean perch) landings during 1948 broke all records to make this fish the most important species on a poundage basis. Over 238 million pounds of rosefish were landed in New England during 1948 compared with the former high year of 1946 when over 178 million pounds were landed. Haddock retained its position as the most valuable species with regard to value, however, it showed a decrease of 7.5 million pounds as compared with 1947. Herring landings which totaled 192,019,100 pounds, were almost 68 million pounds above the previous year.

The number of fishermen operating in the New England States during 1948 totaled 24,874. This represents a decrease of 481 men compared with 1947. Ten years earlier in 1938, there were 20,248 fishermen employed in this area.

The production of canned fish and fishery byproducts in these States during 1948 was valued at \$50,587,658, 19 percent more than the previous year. The most important item was canned sardines. The pack of this product amounted to 3,060,742 standard cases, valued at \$26,921,026 to the processor. This represents a gain in production of 226,052 cases but a decrease in value of \$756,678 compared with 1947. The second and third most valuable products were canned fish cakes and canned mackerel. A total of 75 plants was engaged in producing canned fishery products and 34 plants in processing fishery by-products.

The production of packaged fish in the New England States in 1948 was approximately, 151.3 million pounds, valued at \$35,197,238 to the processor. This was slightly less than was produced during 1947, however, the value was noticeably higher. The most important species in both quantity and value were rosefish and haddock respectively.

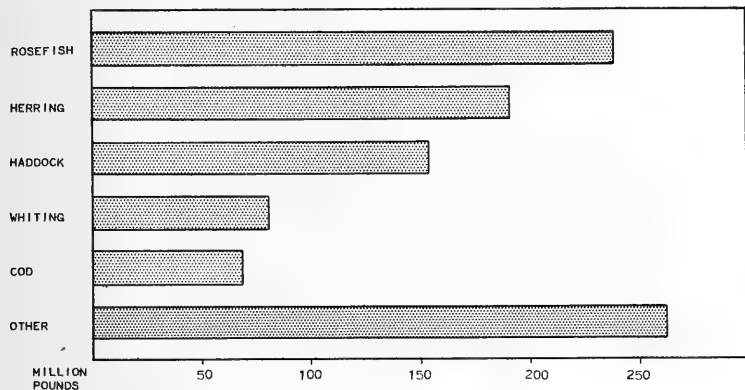
In the following tables, landings by certain types of gear may be shown in one state although the vessel, crew, and gear may be credited to another state. The catch is listed in the port where it is landed, while the operating units are credited to the port where the vessel landed the greatest portion of its catch.

The last complete survey of the fishery transporting, wholesaling and manufacturing industries was made for 1940. In that year, 186 men were employed in the operation of 84 vessels engaged in the transporting trade, and 12,650 persons were employed in wholesale and manufacturing establishments. The latter employees received \$7,547,395 in salaries and wages during 1940. Detailed statistics on these branches of the industry for 1940 can be found in 'Fishery Statistics of the United States, 1944' (Statistical Digest No. 16).

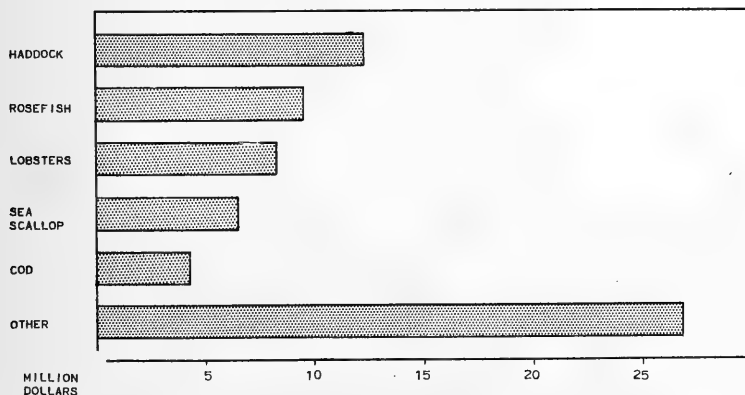
The following tables contain summarized and detailed information on the 1948 catch and operating units of the New England States. Condensed summary data on the operating units and catch by states of the New England States, appearing on the following pages, have been previously published in Current Fishery Statistics No. 593.

<sup>2</sup> This number was assigned to this area by the North American Council on Fishery Investigations. It should be explained that there are included in this area craft whose principal fishing ports are in the area but at times fish elsewhere. A notable example is the southern trawl fishery which extends into Area XXIV.

NEW ENGLAND CATCH, 1948

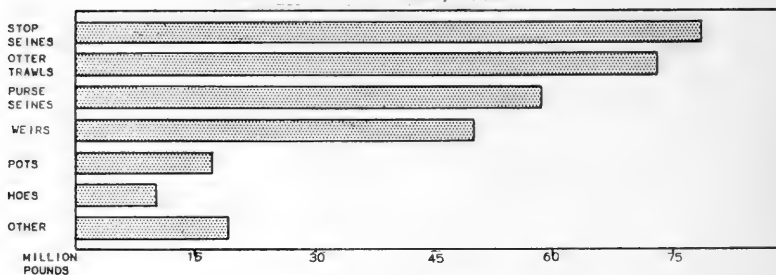


VALUE OF NEW ENGLAND CATCH, 1940

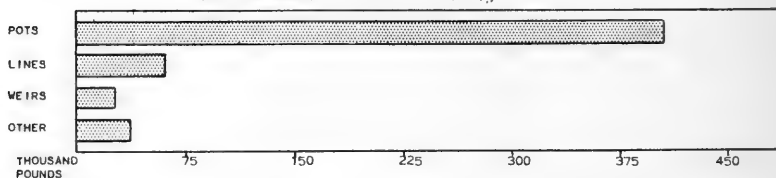


## NEW ENGLAND FISHERIES

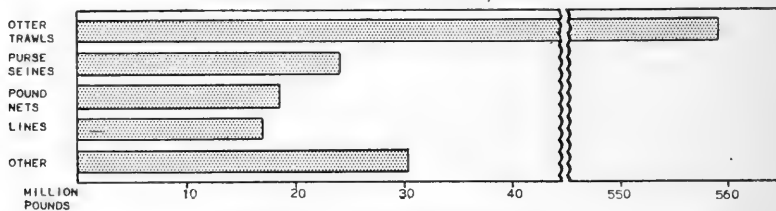
MAINE: CATCH BY GEAR, 1948



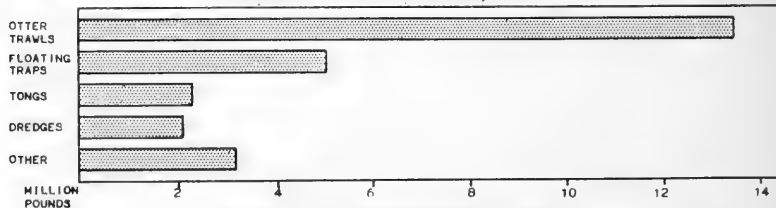
NEW HAMPSHIRE: CATCH BY GEAR, 1948



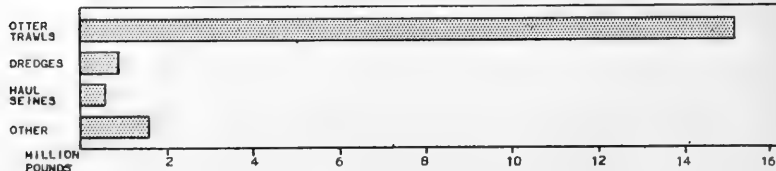
MASSACHUSETTS: CATCH BY GEAR, 1948



RHODE ISLAND: CATCH BY GEAR, 1948



CONNECTICUT: CATCH BY GEAR, 1948



**NEW ENGLAND FISHERIES**  
**SECTIONAL SUMMARIES**

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**SUMMARY OF CATCH, 1948**

PRODUCT	MAINE		NEW HAMPSHIRE		MASSACHUSETTS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FISH . . . . .	275,047,600	\$7,119,125	118,300	\$5,803	627,899,600	\$36,929,100
SHELLFISH, ETC. . . . .	28,456,700	8,957,844	411,400	250,353	21,796,300	9,736,287
TOTAL . . . . .	303,504,300	16,076,969	529,700	256,156	649,695,900	46,665,387

PRODUCT	RHODE ISLAND		CONNECTICUT		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FISH . . . . .	19,586,700	\$1,006,119	16,681,700	\$1,284,165	939,333,900	\$46,344,312
SHELLFISH, ETC. . . . .	6,958,800	2,233,411	1,523,100	465,656	59,046,300	21,643,551
TOTAL . . . . .	26,445,500	3,239,530	18,204,800	1,749,821	998,380,200	67,987,863

**SUMMARY OF OPERATING UNITS, 1948**

ITEM	MAINE	NEW HAMPSHIRE	MASSACHUSETTS	RHODE ISLAND	CONNECTICUT	TOTAL
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
<b>FISHERMEN:</b>						
ON VESSELS . . . . .	511	-	5,282	238	353	6,384
ON BOATS AND SHORE:						
REGULAR . . . . .	5,568	144	1,739	584	153	8,188
CASUAL . . . . .	3,670	129	4,332	1,391	780	10,302
TOTAL . . . . .	9,749	273	11,353	2,213	1,286	24,874
<b>VESSELS:</b>						
MOTOR . . . . .	116	-	650	75	96	937
NET TONNAGE . . . . .	2,231	-	26,563	884	1,485	31,163
STEAM . . . . .	-	-	-	-	3	3
NET TONNAGE . . . . .	-	-	-	-	117	117
TOTAL VESSELS . . . . .	116	-	650	75	99	940
TOTAL NET TONNAGE . . . . .	2,231	-	26,563	884	1,602	31,280
<b>BOATS:</b>						
MOTOR . . . . .	4,915	131	2,024	520	445	8,035
OTHER . . . . .	2,103	75	1,585	1,287	91	5,141
ACCESSORY BOATS . . . . .	27	-	176	27	21	251
<b>APPARATUS:</b>						
<b>PURSE SEINES:</b>						
MACKEREL . . . . .	13	-	46	-	-	59
LENGTH, YARDS . . . . .	4,150	-	22,590	-	-	26,740
OTHER . . . . .	52	-	-	-	-	52
LENGTH, YARDS . . . . .	16,225	-	-	-	-	16,225
HAUL SEINES, COMMON . . . . .	18	-	8	13	33	72
LENGTH, YARDS . . . . .	2,100	-	425	2,416	7,815	12,756
STOP SEINES . . . . .	145	-	-	-	-	145
LENGTH, YARDS . . . . .	63,410	-	-	-	-	63,410
<b>GILL NETS:</b>						
ANCHOR . . . . .	-	-	309	-	4	313
SQUARE YARDS . . . . .	-	-	177,733	-	2,400	180,133
DRIFT . . . . .	305	6	778	30	101	1,220
SQUARE YARDS . . . . .	96,130	1,920	428,400	9,000	98,100	633,550
STAKE . . . . .	5	-	-	-	18	23
SQUARE YARDS . . . . .	915	-	-	-	450	1,365
<b>LINES:</b>						
HAND . . . . .	2,265	21	721	150	111	3,268
HOOKS . . . . .	6,774	40	871	150	222	8,057
TRAWL OR TROT . . . . .						
WITH HOOKS . . . . .	12,416	8	11,921	1,260	100	25,705
HOOKS . . . . .	571,800	600	652,770	50,400	30,000	1,305,570
TROLL . . . . .	-	-	-	60	-	60
HOOKS . . . . .	-	-	-	60	-	60
POINT NETS . . . . .	-	-	69	-	14	83
FLOATING TRAPS . . . . .	20	-	32	20	-	72
WEIRS . . . . .	207	2	-	-	-	209
STOP NETS . . . . .	-	-	-	-	7	7
SQUARE YARDS . . . . .	-	-	-	-	140	140
FYKE NETS, FISH . . . . .	6	-	1	1	28	36
DIP NETS, COMMON . . . . .	117	20	143	-	120	400
BAG NETS . . . . .	44	-	-	-	-	44
OTTER TRAWLS, FISH . . . . .	111	-	713	81	165	1,070
YARDS AT MOUTH . . . . .	2,754	-	23,113	2,055	2,395	30,317

(CONTINUED ON NEXT PAGE)

## NEW ENGLAND FISHERIES

## SUMMARY OF OPERATING UNITS, 1948 - Continued

ITEM	MAINE	NEW HAMPSHIRE	MASSACHUSETTS	RHODE ISLAND	CONNECTICUT	TOTAL
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
APPARATUS - CONT'D.:						
TRAPS, BOX. . . . .	10	-	-	-	-	10
POTS:						
CRAB. . . . .	-	-	432	330	-	762
EEL. . . . .	-	-	125	792	936	1,843
FISH. . . . .	-	-	-	-	20	20
LOBSTER. . . . .	459,214	9,777	93,978	15,444	20,012	598,425
PERIWINKLE AND COCKLE. . . . .	-	-	-	80	-	80
HARPOON. . . . .	74	-	72	26	10	182
SPEARS. . . . .	-	10	12	-	-	22
DREDGES:						
CLAM. . . . .	-	-	23	17	-	40
YARDS AT MOUTH.	-	-	19	17	-	36
OYSTER, COMMON.	-	-	4	18	34	56
YARDS AT MOUTH.	-	-	4	25	51	80
SCALLOP. . . . .	42	-	3,101	1,274	10	4,427
YARDS AT MOUTH.	47	-	3,069	993	10	4,118
TONGS:						
OYSTER. . . . .	-	-	25	-	21	46
OTHER. . . . .	-	-	372	1,370	81	1,823
RAKES:						
OYSTER. . . . .	-	-	-	100	-	100
OTHER. . . . .	232	-	916	184	20	1,352
FORKS. . . . .	-	-	16	-	-	16
HOES. . . . .	2,242	26	539	142	78	3,027

## CATCH BY STATES, 1948

SPECIES	MAINE		NEW HAMPSHIRE		MASSACHUSETTS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FISH						
ALEWIVES. . . . .	1,867,800	\$11,370	60,000	\$800	467,600	\$6,039
ANGLER FISH. . . . .	-	-	-	-	15,600	356
BLUEFISH. . . . .	-	-	-	-	2,200	478
BUTTERFISH. . . . .	-	-	-	-	676,100	94,515
COD. . . . .	6,386,200	360,375	7,500	458	60,749,600	3,857,685
CUNNER. . . . .	-	-	-	-	2,500	50
CUSK. . . . .	1,014,200	45,834	1,000	73	2,198,000	98,581
EELS:						
COMMON. . . . .	20,300	3,534	2,300	759	37,300	6,198
CONGER. . . . .	-	-	-	-	12,900	709
FLOUNDERS:						
GRAY SOLE. . . . .	753,400	45,724	-	-	2,263,600	202,986
LEMON SOLE. . . . .	8,300	630	-	-	5,257,500	805,231
YELLOWTAIL. . . . .	117,800	7,345	-	-	32,087,400	2,977,418
BLACKBACK. . . . .	870,100	53,120	600	42	14,348,200	1,669,913
DAB. . . . .	563,900	18,929	-	-	2,168,400	161,720
FLUKE. . . . .	-	-	-	-	2,369,800	489,391
UNCLASSIFIED. . . . .	1,000	20	-	-	800	47
FRIGATE MACKEREL. . . . .	-	-	-	-	6,700	173
GRAYFISH. . . . .	-	-	-	-	34,000	373
HADDOCK. . . . .	6,051,100	441,991	2,000	238	148,530,300	11,792,813
HAKE:						
RED. . . . .	60,000	2,394	-	-	4,205,900	53,736
WHITE. . . . .	5,573,700	231,382	10,500	533	9,895,200	411,429
HALIBUT. . . . .	42,900	12,580	-	-	434,200	68,544
HERRING, SEA. . . . .	182,460,900	3,486,455	-	-	5,102,600	130,975
LAUNCE. . . . .	-	-	-	-	75,000	3,000
MACKEREL. . . . .	4,091,500	191,917	8,400	800	35,461,200	2,438,894
MENHADEN. . . . .	24,100	227	-	-	1,047,300	13,196
OCEAN POUT. . . . .	-	-	-	-	6,100	172
POLLOCK. . . . .	6,300,600	209,132	-	-	31,405,900	1,163,401
ROSEFISH (OCEAN PERCH). . . . .	49,041,400	1,711,769	-	-	189,053,800	7,935,101
SALMON. . . . .	-	-	-	-	100	23
SCUP OR PORGY. . . . .	-	-	-	-	1,547,600	44,513
SEA BASS. . . . .	-	-	-	-	29,500	2,439
SEA TROUT OR WEAKFISH, GRAY. . . . .	-	-	-	-	12,900	1,528
SHAD. . . . .	2,600	86	-	-	34,400	2,381
SHARKS. . . . .	49,400	1,617	-	-	71,600	3,191
SKATES. . . . .	700	35	-	-	58,400	2,260
SHELT. . . . .	542,300	137,291	6,000	2,100	1,100	31
STRIPED BASS. . . . .	-	-	-	-	78,200	12,003
STURGEON. . . . .	200	31	-	-	9,400	1,039

(CONTINUED ON NEXT PAGE)



NEW ENGLAND FISHERIES

CATCH BY STATES, 1948 - Continued

SPECIES	MAINE		NEW HAMPSHIRE		MASSACHUSETTS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FISH - CONTINUED						
SUCKERS . . . . .	4,200	\$544	-	-	-	-
SWORDFISH . . . . .	500	258	-	-	815,300	\$323,561
TAUTOG. . . . .	-	-	-	-	57,400	4,060
TILEFISH. . . . .	-	-	-	-	250,700	19,054
TUNA AND TUNALIKE FISHES:						
BLUEFIN . . . . .	229,000	19,095	-	-	2,620,200	172,669
BONITO. . . . .	-	-	-	-	2,300	242
TOTAL TUNA. . . . .	229,000	19,095	-	-	2,622,500	172,911
WHITING . . . . .	8,654,600	113,618	-	-	68,904,300	1,646,580
WOLFFISH. . . . .	216,600	8,699	-	-	1,960,300	135,749
UNCLASSIFIED, FOR FOOD. . . . .	98,300	3,123	-	-	3,530,200	144,653
TOTAL . . . . .	275,047,600	7,119,125	118,300	\$5,803	627,899,600	36,929,100
SHELLFISH, ETC.						
CRABS, ROCK . . . . .	340,100	19,878	3,000	150	689,700	51,876
LOBSTERS, NORTHERN. . . . .	15,923,000	6,439,467	401,500	248,630	3,211,600	1,379,076
SHRIMP. . . . .	27,300	3,120	-	-	-	-
CLAMS:						
HARD, PUBLIC. . . . .	288,700	60,348	-	-	1,482,800	475,119
HARD, PRIVATE . . . . .	-	-	-	-	12,100	2,466
RAZOR . . . . .	-	-	-	-	43,900	6,162
SOFT, PUBLIC. . . . .	8,969,300	1,801,207	6,800	1,500	624,600	259,041
SOFT, PRIVATE . . . . .	-	-	-	-	800	354
SURF. . . . .	-	-	-	-	13,100	4,052
TOTAL CLAMS . . . . .	9,258,000	1,861,555	6,800	1,500	2,177,300	747,194
CONCHS . . . . .	1,000	110	-	-	-	5,500
MUSSELS, SEA. . . . .	124,100	13,365	-	-	50,000	-
OYSTERS, MARKET:						
PUBLIC, FALL. . . . .	-	-	-	-	6,500	2,500
PRIVATE, FALL . . . . .	-	-	-	-	222,800	146,287
TOTAL OYSTERS . . . . .	-	-	-	-	229,300	148,787
PERIWINKLES AND COCKLES . . . . .	19,800	6,213	-	-	300	21
SCALLOPS:						
BAY . . . . .	-	-	-	-	1,449,600	1,026,202
SEA . . . . .	453,700	217,662	-	-	11,985,700	6,278,808
SQUID . . . . .	-	-	-	-	1,396,100	83,431
SEA URCHINS . . . . .	180,200	4,448	-	-	-	-
IRISH MOSS. . . . .	1,483,700	29,675	-	-	600,000	8,950
BLOODWORMS . . . . .	567,900	305,044	-	-	-	-
SANDWORMS . . . . .	77,900	57,307	100	73	6,700	6,442
TOTAL . . . . .	28,456,700	8,957,844	411,400	250,353	21,796,300	9,736,287
GRAND TOTAL . . . . .	303,504,300	16,076,969	529,700	256,156	649,695,900	46,665,397

SPECIES	RHODE ISLAND		CONNECTICUT		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FISH						
ALEEVIES. . . . .	317,500	\$3,175	675,000	\$10,120	3,407,900	\$31,504
ANGLERFISH. . . . .	1,600	33	35,300	812	52,500	1,201
BLUEFISH. . . . .	17,100	4,043	21,200	7,315	40,500	11,836
BUTTERFISH. . . . .	1,440,200	122,447	791,300	75,838	2,907,600	292,800
CARP . . . . .	-	-	24,200	2,334	24,200	2,334
CATFISH AND BULLHEADS	-	-	1,800	125	1,800	125
COD . . . . .	790,400	49,625	317,000	34,721	68,250,700	4,302,864
CUNNER. . . . .	8,000	82	4,000	250	14,500	300
CUSK. . . . .	-	-	-	-	3,213,200	144,488
EELS:						
COMMON. . . . .	27,600	4,115	20,300	3,840	107,800	18,446
CONGER. . . . .	17,400	579	12,000	450	42,300	1,738
FLOUNDERS:						
GRAY SOLE . . . . .	1,700	118	10,000	850	3,028,700	249,678
LEMON SOLE. . . . .	-	-	100,000	12,000	5,365,800	817,861
YELLOWTAIL. . . . .	3,292,800	249,523	1,352,500	156,200	36,850,500	3,390,486
BLACKBACK . . . . .	1,598,100	87,629	3,685,600	304,824	20,492,600	2,115,528
DAB . . . . .	300	15	51,500	3,100	2,784,100	183,764
FLUKE . . . . .	405,500	75,795	517,700	68,204	3,293,000	633,390
UNCLASSIFIED. . . . .	9,200	446	8,000	250	19,000	763

(CONTINUED ON NEXT PAGE)

# NEW ENGLAND FISHERIES

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## CATCH BY STATES, 1948 - Continued

SPECIES	RHODE ISLAND		CONNECTICUT		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
<b>FISH - CONTINUED</b>						
FRIGATE MACKEREL. . . . .	4,800	\$209	-	-	11,500	\$382
GRAY FISH. . . . .	200	4	20,900	\$398	55,100	775
HADDOCK. . . . .	17,600	1,292	6,000	500	154,607,000	12,236,834
<b>HAKE:</b>						
RED. . . . .	1,350,800	16,384	352,300	10,071	5,969,000	82,585
WHITE. . . . .	123,500	3,727	15,100	8,571	15,618,000	655,642
HALIBUT. . . . .	-	-	-	-	477,100	111,124
HERRING, SEA. . . . .	1,225,200	22,258	3,302,400	100,885	192,091,100	3,740,573
HICKORY SHAD. . . . .	-	-	600	25	600	25
KING WHITING OR "KINGFISH". . . . .	1,600	92	5,400	499	7,000	591
LAUNCE. . . . .	-	-	-	-	75,000	3,000
MACKEREL. . . . .	1,019,400	79,095	202,500	24,190	40,783,000	2,734,896
MARLIN. . . . .	100	7	-	-	100	7
MENHADEN. . . . .	35,100	609	109,500	1,182	1,216,000	15,214
MINNOWS. . . . .	-	-	179,500	5,318	179,500	5,318
OCEAN POUT. . . . .	-	-	-	-	6,100	172
POLLOCK. . . . .	29,500	895	20,600	1,345	37,756,600	1,374,773
ROSEFISH (OCEAN PERCH). . . . .	-	-	-	-	238,095,200	9,646,870
SALMON. . . . .	400	45	-	-	500	68
SCUP OR PORGY. . . . .	3,799,500	131,835	2,206,800	200,493	7,553,900	376,841
SEA BASS. . . . .	156,300	17,581	202,700	40,468	388,500	60,488
SEA ROBIN. . . . .	14,200	143	144,000	3,918	158,200	4,061
SEA TROUT OR WEAKFISH, GRAY. . . . .	157,800	17,152	85,100	13,428	255,800	32,108
SHAD. . . . .	2,300	165	621,600	87,940	660,900	90,572
SHARKS. . . . .	23,700	917	10,200	304	154,900	6,029
SILVERSIDES. . . . .	-	-	3,000	53	3,000	53
SKATES. . . . .	3,000	54	100,800	2,479	162,900	4,828
SMELT. . . . .	-	-	-	-	549,400	139,422
SPOT. . . . .	1,900	64	-	-	1,900	64
STRIPED BASS. . . . .	62,900	12,798	10,200	2,836	151,300	27,637
STURGEON. . . . .	2,000	431	10,400	1,175	22,000	2,676
SUCKERS. . . . .	-	-	21,000	1,223	25,200	1,767
SWELLPSH. . . . .	66,600	1,612	23,000	573	89,600	2,185
SWORDFISH. . . . .	99,300	39,547	25,800	12,410	940,900	375,776
TAUTOG. . . . .	30,500	1,264	151,100	14,019	239,000	19,343
TILEFISH. . . . .	6,300	433	140,000	11,500	397,000	30,987
<b>TUNA AND TUNALIKE</b>						
FISHES:						
BLUEFIN. . . . .	24,900	2,735	4,000	500	2,878,100	194,999
BONITO. . . . .	1,200	145	-	-	3,500	387
TOTAL TUNA. . . . .	26,100	2,880	4,000	500	2,881,600	195,386
WHITE PERCH. . . . .	4,900	820	-	-	4,900	820
WHITING. . . . .	2,399,700	40,542	509,000	16,330	80,467,600	1,817,070
WOLFFISH. . . . .	-	-	-	-	2,176,900	144,448
<b>UNCLASSIFIED:</b>						
FOR FOOD. . . . .	265,000	4,552	550,000	40,000	4,443,500	192,328
OTHER. . . . .	739,100	11,087	20,800	299	759,900	11,386
TOTAL. . . . .	19,586,700	1,006,119	16,681,700	1,284,165	939,333,900	46,344,312
<b>SHELLFISH, ETC.</b>						
<b>CRABS:</b>						
BLUE:						
HARD. . . . .	-	-	3,100	625	3,100	625
SOFT AND PEELERS. . . . .	-	-	700	300	700	300
ROCK. . . . .	209,100	12,142	-	-	1,241,900	84,046
LOBSTERS, NORTHERN. . . . .	384,600	176,864	305,600	151,870	20,226,300	8,395,907
SHRIMP. . . . .	-	-	-	-	27,300	3,120
<b>CLAMS:</b>						
HARD, PUBLIC. . . . .	3,511,500	1,114,224	20,900	9,400	5,303,900	1,659,091
HARD, PRIVATE. . . . .	-	-	-	-	12,100	2,466
OCEAN QUAHOG. . . . .	238,500	14,906	-	-	238,500	14,906
RAZOR. . . . .	-	-	-	-	43,900	6,162
SOFT, PUBLIC. . . . .	538,700	136,175	21,500	7,440	10,160,900	2,205,363
SOFT, PRIVATE. . . . .	-	-	-	-	800	354
SURF. . . . .	-	-	-	-	13,100	4,052
TOTAL CLAMS. . . . .	4,288,700	1,265,305	42,400	16,840	15,773,200	3,892,394
CONCHS. . . . .	175,000	8,250	10,000	1,100	136,000	14,960
MUSSELS, SEA. . . . .	30,000	3,750	3,000	750	157,100	17,865
<b>OYSTERS, MARKET:</b>						
PUBLIC, SPRING. . . . .	-	-	3,500	1,255	3,500	1,255
PUBLIC, FALL. . . . .	70,000	30,000	8,000	2,565	84,500	35,065
PRIVATE, SPRING. . . . .	387,400	221,684	179,200	77,109	566,600	298,793
PRIVATE, FALL. . . . .	451,100	250,793	323,000	149,237	996,900	546,317
TOTAL OYSTERS. . . . .	908,500	502,477	513,700	230,166	1,651,500	881,430

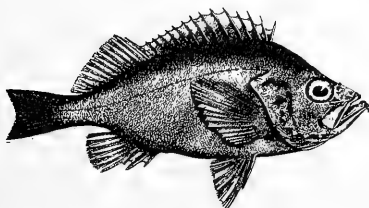
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# NEW ENGLAND FISHERIES

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## CATCH BY STATES, 1948 - Continued

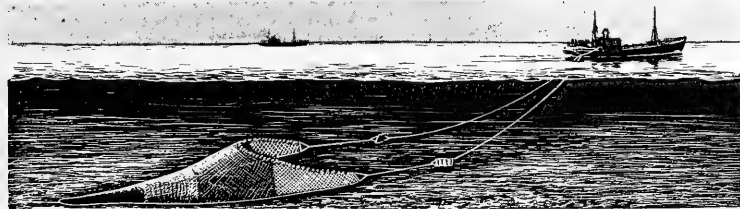
SPECIES	RHODE ISLAND		CONNECTICUT		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
SHELLFISH, ETC. - CONTINUED						
PERIWINKLES AND COCKLES . . . . .	29,400	\$5,134	-	-	49,500	\$11,368
SCALLOPS:						
BAY . . . . .	335,600	202,148	19,100	\$14,655	1,804,300	1,243,005
SEA . . . . .	40,400	21,285	3,000	1,450	12,482,800	6,519,205
SQUID . . . . .	557,500	36,056	622,000	47,700	2,575,600	167,187
SEA URCHINS . . . . .	-	-	-	-	180,200	4,448
IRISH MOSS . . . . .	-	-	-	-	2,083,700	38,625
BLOODWORMS . . . . .	-	-	-	-	567,900	305,044
SANDWORMS . . . . .	-	-	500	200	85,200	64,022
TOTAL . . . . .	6,858,800	2,233,411	11,523,100	465,656	59,046,300	21,643,551
GRAND TOTAL . . . . .	26,445,500	9,239,530	18,204,800	1,749,821	998,380,200	67,987,863



ROSEFISH (OCEAN PERCH)

## PRODUCTION OF ROSEFISH FOR VARIOUS YEARS

YEAR	POUNDS	VALUE	YEAR	POUNDS	VALUE
1935	17,156,900	\$184,088	1943	114,737,200	\$4,556,706
1937	58,355,900	887,479	1944	120,215,500	4,581,821
1938	65,005,300	803,424	1945	131,834,300	5,066,097
1939	77,374,600	1,096,374	1946	178,149,200	7,748,548
1940	85,141,700	1,271,303	1947	146,586,800	5,924,831
1942	128,090,000	3,754,282	1948	238,095,200	9,646,870



ROSEFISH ARE TAKEN BY OTTER TRAWLS

## NEW ENGLAND FISHERIES

## AVERAGE WEIGHTS OF CERTAIN SHELLFISH, 1948

ITEM		MAINE	NEW HAMPSHIRE	MASSACHUSETTS	RHODE ISLAND	CONNECTICUT
		QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
CRABS:						
BLUE:						
HARD . . . . .	NUMBER PER POUND	-	-	-	-	3.00
SOFT AND PEELERS . . . . .	DO	-	-	-	-	4.00
ROCK . . . . .	DO	3.00	3.00	3.00	2.80	-
CLAMS:	(LBS. MEATS PER U.S. STANDARD BUSHEL)					
HARD, PUBLIC . . . . .	DO	11.00	-	11.00	12.00	-
HARD, PRIVATE . . . . .	DO	-	-	11.00	-	-
OCEAN QUAHOG . . . . .	DO	-	-	-	12.00	-
RAZOR . . . . .	DO	-	-	32.00	-	-
SOFT, PUBLIC . . . . .	DO	15.00	15.00	13.00	20.00	20.00
SOFT, PRIVATE . . . . .	DO	-	-	13.00	-	-
SURF OR SKIMMER . . . . .	DO	-	-	11.00	-	-
CONCHS . . . . .	DO	15.00	-	15.00	20.00	20.00
MUSSELS, SEA . . . . .	DO	15.00	-	-	12.00	10.00
OYSTERS, MARKET:						
PUBLIC, SPRING . . . . .	DO	-	-	-	-	7.70
PUBLIC, FALL . . . . .	DO	-	-	6.50	7.00	7.70
PRIVATE, SPRING . . . . .	DO	-	-	-	7.00	7.70
PRIVATE, FALL . . . . .	DO	-	-	6.50	7.00	7.70
PERIWINKLES AND COCKLES . . . . .	DO	18.00	-	18.00	18.00	-
SCALLOPS:						
BAY . . . . .	DO	-	-	6.00	6.00	6.20
SEA . . . . .	DO	6.00	-	6.00	6.00	6.00

## SUPPLEMENTARY REVIFW OF CERTAIN SHELLFISH, 1948

ITEM		MAINE		NEW HAMPSHIRE		MASSACHUSETTS	
		QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
CRABS, ROCK . . . . .	NUMBER	1,020,300	\$19,878	9,000	\$150	2,758,800	\$51,876
CLAMS:							
HARD, PUBLIC . . . . .	BUSHELS	26,245	60,348	-	-	134,709	475,119
HARD, PRIVATE . . . . .	DO	-	-	-	-	1,100	2,466
RAZOR . . . . .	DO	-	-	-	-	1,372	6,162
SOFT, PUBLIC . . . . .	DO	597,953	1,801,207	453	1,500	48,077	259,041
SOFT, PRIVATE . . . . .	DO	-	-	-	-	62	354
SURF OR SKIMMER . . . . .	DO	-	-	-	-	1,191	4,052
CONCHS . . . . .	DO	67	110	-	-	3,333	5,500
MUSSELS, SEA . . . . .	DO	8,267	13,365	-	-	-	-
OYSTERS, MARKET:							
PUBLIC, FALL . . . . .	DO	-	-	-	-	1,000	2,500
PRIVATE, FALL . . . . .	DO	-	-	-	-	34,277	146,287
PERIWINKLES AND COCKLES . . . . .	DO	1,100	6,213	-	-	17	21
SCALLOPS:							
BAY . . . . .	DO	-	-	-	-	241,600	1,026,202
SEA . . . . .	DO	75,617	217,662	-	-	1,997,617	6,278,808

ITEM		RHODE ISLAND		CONNECTICUT		TOTAL	
		QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
CRABS:							
BLUE:							
HARD . . . . .	NUMBER	-	-	9,300	\$625	9,300	\$625
SOFT AND PEELERS . . . . .	DO	-	-	2,800	300	2,800	300
ROCK . . . . .	DO	585,489	\$12,142	-	-	4,373,589	84,046
CLAMS:							
HARD, PUBLIC . . . . .	BUSHELS	292,625	1,114,224	1,742	9,400	455,321	1,659,091
HARD, PRIVATE . . . . .	DO	-	-	-	-	1,100	2,466
OCEAN QUAHOG . . . . .	DO	19,875	14,906	-	-	19,875	14,906
RAZOR . . . . .	DO	-	-	-	-	1,372	6,162
SOFT, PUBLIC . . . . .	DO	26,935	136,175	1,075	7,440	674,523	2,205,363
SOFT, PRIVATE . . . . .	DO	-	-	-	-	62	354
SURF OR SKIMMER . . . . .	DO	-	-	-	-	1,191	4,052
CONCHS . . . . .	DO	3,750	8,250	500	1,100	7,650	14,960
MUSSELS, SEA . . . . .	DO	2,500	3,750	300	750	11,067	17,865
OYSTERS, MARKET:							
PUBLIC, SPRING . . . . .	DO	-	-	454	1,255	454	1,255
PUBLIC, FALL . . . . .	DO	10,000	30,000	1,039	2,565	12,039	35,065
PRIVATE, SPRING . . . . .	DO	55,343	221,684	23,273	77,109	78,616	298,793
PRIVATE, FALL . . . . .	DO	64,443	250,793	41,948	149,237	140,668	546,317
PERIWINKLES AND COCKLES . . . . .	DO	1,633	5,134	-	-	2,750	11,368
SCALLOPS:							
BAY . . . . .	DO	55,933	202,148	3,081	14,655	300,614	1,243,005
SEA . . . . .	DO	6,733	21,285	500	1,450	2,080,467	6,519,205

NOTE:--BUSHELS REPRESENT U. S. STANDARD BUSHELS OF 2,150.4 CUBIC INCHES CAPACITY.

## MANUFACTURED FISHERY PRODUCTS - VARIOUS YEARS 1/

ITEM	MAINE				MASSACHUSETTS, RHODE ISLAND, CONNECTICUT AND NEW HAMPSHIRE	
	YEAR	UNIT	QUANTITY	VALUE	QUANTITY	VALUE
BY MANUFACTURING ESTABLISHMENTS:						
ALEWIVES:						
SALTED, ROUND . . . . .	1940	POUNDS	839,400	\$13,539	60,000	\$2,400
SMOKED, WHOLE AND FILLETS . . . . .	1940	DO	18,500	515	300	37
BUTTERFISH, SMOKED . . . . .	1940	DO	-	-	3,750	613
CARP, SMOKED . . . . .	1940	DO	-	-	1,250	375
CHUBS, SMOKED . . . . .	1940	DO	-	-	10,000	3,500
CISCO, SMOKED . . . . .	1940	DO	-	-	50,000	13,500
COD:						
FRESH FILLETS . . . . .	1948	DO	233,450	35,922	3,962,137	991,542
FROZEN, FILLETS . . . . .	1948	DO	342,107	74,436	5,565,096	1,307,736
SALTED:						
GREEN 2/ . . . . .	1940	DO	374,802	15,685	-	-
DRY . . . . .	1940	DO	12,615	595	111,600	5,997
BONELESS AND ABSOLUTELY BONELESS . . . . .	1940	DO	43,556	4,304	6,861,715	1,006,386
SMOKED:						
WHOLE . . . . .	1940	DO	73,500	3,140	-	-
FILLETS . . . . .	1940	DO	33,480	4,372	418,100	46,484
BONELESS . . . . .	1940	DO	50,000	7,500	-	-
OIL, LIVER . . . . .	1948	GALLONS	67,131	185,411	136,948	382,642
CUSH:						
FRESH FILLETS . . . . .	1948	POUNDS	237,000	56,000	416,000	85,634
FROZEN FILLETS . . . . .	1948	DO	27,358	4,981	95,314	20,454
SALTED:						
GREEN 2/ . . . . .	1940	DO	5,800	157	-	-
DRY . . . . .	1940	DO	9,115	455	-	-
WHOLE . . . . .	1940	DO	-	-	15,700	3,467
BONELESS . . . . .	1940	DO	-	-	1,600	276
SMOKED:						
WHOLE . . . . .	1940	DO	500	20	-	-
FILLETS . . . . .	1940	DO	8,740	874	393,859	31,263
EELS, SMOKED . . . . .	1940	DO	-	-	2,000	300
FLOUNDERS:						
FRESH FILLETS . . . . .	1948	DO	59,807	21,950	6,313,512	2,324,618
FROZEN FILLETS . . . . .	1948	DO	55,124	16,500	5,203,052	1,690,514
SMOKED . . . . .	1940	DO	-	-	1,800	290
HADDOCK:						
FRESH FILLETS . . . . .	1948	DO	547,700	141,349	16,052,675	4,557,424
FROZEN FILLETS . . . . .	1948	DO	872,105	228,670	21,639,742	5,851,197
SALTED:						
GREEN 2/ . . . . .	1940	DO	2,000	100	-	-
DRY . . . . .	1940	DO	12,615	595	100	7
WHOLE . . . . .	1940	DO	-	-	500	28
BONELESS AND ABSOLUTELY BONELESS . . . . .	1940	DO	-	-	60,900	6,413
SMOKED:						
FINNAN HADDIE . . . . .	1940	DO	52,400	5,963	375,311	40,329
WHOLE . . . . .	1940	DO	-	-	500	68
FILLETS . . . . .	1940	DO	-	-	122,925	18,233
HAKE:						
FRESH FILLETS . . . . .	1948	DO	476,000	79,840	337,899	58,566
FROZEN FILLETS . . . . .	1948	DO	73,884	10,536	793,278	117,064
SALTED:						
GREEN 2/ . . . . .	1940	DO	902,015	30,271	-	-
DRY . . . . .	1940	DO	9,115	455	384,050	10,933
WHOLE . . . . .	1940	DO	-	-	110,500	4,044
BONELESS AND ABSOLUTELY BONELESS . . . . .	1940	DO	100,645	14,041	859,700	66,677
SMOKED, DO . . . . .	1940	DO	39,400	1,227	-	-
HALIBUT, SMOKED . . . . .	1940	DO	-	-	1,500	468
HERRING, SEA:						
CANNED:						
HERRING . . . . .	1948	STANDARD CASES	165,215	1,539,864	93,102	781,014
SARDINES . . . . .	1948	DO	3,021,890	26,626,780	38,852	294,246
SALTED:						
BRINE SALTED . . . . .	1940	POUNDS	385,200	11,714	36,500	3,710
PICKLED IN VINEGAR . . . . .	1940	DO	1,245,425	45,549	650,000	45,250
SMOKED:						
BLOATERS:						
HARD . . . . .	1940	DO	93,942	4,703	39,200	824

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

## NEW ENGLAND FISHERIES

## MANUFACTURED FISHERY PRODUCTS - VARIOUS YEARS 1/ - Continued

ITEM	MAINE				MASSACHUSETTS, RHODE ISLAND, CONNECTICUT AND NEW HAMPSHIRE	
	YEAR	UNIT	QUANTITY	VALUE	QUANTITY	VALUE
BY MANUFACTURING ESTABLISHMENTS -						
CONTINUED:						
HERRING, SEA - CONTINUED:						
SMOKED - CONTINUED:						
BLOATERS - CONTINUED:						
SOFT . . . . .	1940	POUNDS	8,066	\$403	-	-
WHOLE . . . . .	1940	DO	4,500	125	-	-
KIPPED . . . . .	1940	DO	-	-	424,000	\$40,138
-LENGTHWISE . . . . .	1940	DO	68,517	3,862	-	-
MEDIUM SCALE . . . . .	1940	DO	169,199	9,596	2,121	313
BONELESS . . . . .	1940	DO	2,018,330	210,540	-	-
MEAL . . . . .	1948	TONS	4,632	431,221	-	-
OIL . . . . .	1948	GALLONS	102,270	86,077	-	-
MACKEREL:						
FRESH FILLETS . . . . .	1948	POUNDS	-	-	675,592	140,597
FROZEN FILLETS . . . . .	1948	DO	(3)	(3)	1,908,634	384,017
CANNED . . . . .	1948	STANDARD CASES	13,980	119,099	196,937	1,761,884
SALTED:						
DRY FILLETS . . . . .	1940	POUNDS	-	-	1,660,000	108,300
SPLIT . . . . .	1940	DO	-	-	498,100	27,369
BRINE SALTED:						
WHOLE . . . . .	1940	DO	-	-	749,400	61,666
FILLETS . . . . .	1940	DO	-	-	657,400	71,335
SMOKED FILLETS . . . . .	1940	DO	-	-	26,100	3,960
POLLOCK:						
FRESH FILLETS . . . . .	1948	DO	433,800	57,456	1,805,616	264,324
FROZEN FILLETS . . . . .	1948	DO	984,020	132,163	7,951,860	1,183,377
SALTED:						
GREEN 2/ . . . . .	1940	DO	184,772	5,665	-	-
DRY . . . . .	1940	DO	9,115	455	248,620	11,293
WHOLE . . . . .	1940	DO	-	-	4,600	321
SMOKED . . . . .	1940	DO	40,000	960	-	-
ROSEFISH:						
FRESH FILLETS . . . . .	1948	DO	(3)	(3)	386,890	93,676
FROZEN FILLETS . . . . .	1948	DO	12,391,229	2,465,232	54,595,246	11,782,043
SALMON:						
SMOKED:						
FILLETS . . . . .	1940	DO	-	-	75,900	26,588
FILLETS . . . . .	1940	DO	-	-	2,000	500
SHAD, SMOKED . . . . .	1940	DO	-	-	400	94
SPOONBILL CAT, SMOKED . . . . .	1940	DO	-	-	2,500	2,000
SWORDFISH, FROZEN STEAKS . . . . .	1948	DO	-	-	25,433	18,432
WHITEFISH, SMOKED . . . . .	1940	DO	-	-	45,000	18,131
WHITING:						
FRESH FILLETS . . . . .	1948	DO	-	-	85,250	10,278
FROZEN FILLETS . . . . .	1948	DO	(3)	(3)	992,539	149,014
FRESH SPLIT "BUTTERFLY" . . . . .	1948	DO	-	-	29,800	4,430
FROZEN SPLIT "BUTTERFLY" . . . . .	1948	DO	-	-	3,996,420	616,251
WOLFFISH:						
FRESH FILLETS . . . . .	1948	DO	-	-	66,480	18,598
FROZEN FILLETS . . . . .	1948	DO	(3)	(3)	134,454	42,827
TONGUES AND SOUNDS, PICKLED . . . . .	1940	DO	-	-	17,900	1,613
ANIMAL FOOD . . . . .	1948	STANDARD CASES	(3)	(3)	259,964	1,130,035
FISH CAKES . . . . .	1948	DO	72,083	855,298	(3)	(3)
FISH FLAKES . . . . .	1948	DO	8,616	137,423	26,398	410,690
FISH ROE, MISCELLANEOUS . . . . .	1948	DO	(3)	(3)	9,026	143,202
CLAMS, SOFT:						
WHOLE OR MINCED . . . . .	1948	DO	107,177	1,098,863	-	-
CHOWDER, JUICE, BROTH AND						
NECTAR . . . . .	1948	DO	166,521	945,204	-	-
FRESH, SHUCKED . . . . .	1940	GALLONS	29,100	29,420	373,642	581,694
CLAMS, HARD:						
FRESH, SHUCKED . . . . .	1940	DO	120,000	136,500	2,500	3,663
CRAB-MEAT, PACKAGED, FRESH						
COOKED . . . . .	1940	POUNDS	52,172	25,915	243,522	81,966
LOBSTER-MEAT, PACKAGED, FRESH						
COOKED . . . . .	1940	DO	16,300	19,300	261,200	295,882
OYSTERS, FRESH SHUCKED . . . . .	1940	GALLONS	-	-	262,487	591,277
SCALLOPS, BAY, FRESH-SHUCKED	1940	DO	-	-	5,400	17,850
MISCELLANEOUS FRESH AND						
FROZEN FILLETS 3/ . . . . .	1948	POUNDS	400,861	89,463	1,135,696	70,227
MISCELLANEOUS CANNED FISHERY						
PRODUCTS 5/ . . . . .	1948	STANDARD CASES	315,708	2,056,503	178,444	1,966,408
BUTTONS, MARINE PEARL SHELL 6/	1948	GROSS	-	-	1,055,467	1,914,499

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

MANUFACTURED FISHERY PRODUCTS - VARIOUS YFARS 1/ - Continued

ITEM	MAINE				MASSACHUSETTS, RHODE ISLAND, CONNECTICUT AND NEW HAMPSHIRE	
	YEAR	UNIT	QUANTITY	VALUE	QUANTITY	VALUE
<b>BY MANUFACTURING ESTABLISHMENTS - CONTINUED:</b>						
FISH SOLUBLES . . . . .	1948	POUNDS	-	-	3,254,154	\$179,969
GLUE . . . . .	1948	GALLONS	(3)	(3)	201,413	472,080
MEAL, GROUND FISH (INCLUDING ROSEFISH) . . . . .	1948	TONS	2,091	\$208,252	18,189	2,484,292
MEAL, MISCELLANEOUS . . . . .	1948	DO	1,373	137,867	-	-
OIL, BODY (ROSEFISH AND BLACKFISH)	1948	GALLONS	(3)	(3)	499,452	737,815
OIL, LIVER (HALIBUT, SWORDFISH AND TUNA) . . . . .	1948	DO	-	-	1,492	301,100
MISCELLANEOUS 2/ . . . . .	1948	-	-	1,584,482	-	1,615,438
TOTAL . . . . .		-	-	40,035,257	-	49,615,979
<b>BY FISHERMEN:</b>						
ALEWIVES, SMOKED, WHOLE . . . . .	1940	POUNDS	114,600	\$5,950	7,525	\$543
POLLOCK, GREEN, SALTED 2/ . . . . .	1940	DO	4,100	100	-	-
CLAMS:						
SOFT:						
PICKLED, SOUSED . . . . .	1940	GALLONS	75	150	-	-
FRESH-SHUCKED . . . . .	1940	DO	-	-	6,777	9,166
STEAMED MEATS . . . . .	1940	POUNDS	117,074	11,603	-	-
HARD, FRESH-SHUCKED . . . . .	1940	GALLONS	22,346	18,028	10,000	11,750
RAZOR, FRESH-SHUCKED . . . . .	1940	DO	-	-	29,450	11,952
CRAB MEAT, PACKAGED, FRESH COOKED	1940	POUNDS	2,000	700	1,000	300
LOBSTER MEAT, PACKAGED, FRESH COOKED	1940	DO	-	-	2,250	2,512
OYSTERS, FRESH-SHUCKED . . . . .	1940	GALLONS	-	-	2,100	4,440
SCALLOPS:						
BAY, FRESH-SHUCKED . . . . .	1940	DO	-	-	124,491	416,256
SEA, FRESH-SHUCKED . . . . .	1940	DO	22,753	34,302	651,588	829,053
TOTAL . . . . .		-	-	70,843	-	1,285,972
GRAND TOTAL . . . . .		-	-	40,106,100	-	50,901,951

- 1/ DATA ON THE PRODUCTION OF THE VARIOUS PRODUCTS ARE FOR THE YEARS INDICATED.
- 2/ THIS ITEM IS USUALLY AN INTERMEDIATE PRODUCT AND ALTHOUGH INCLUDED IN THE TOTAL, MAY BE SHOWN IN ITS FINAL STATE OF PROCESSING IN THIS OR ANOTHER SECTION.
- 3/ INCLUDED WITH MISCELLANEOUS PRODUCTS.
- 4/ MISCELLANEOUS FRESH OR FROZEN IN MAINE INCLUDES MACKEREL, ROSEFISH, WHITING, AND WOLFFISH FILLETS, AND TUNA STEAKS; IN MASSACHUSETTS, HERRING, OCEAN POUT, TAUTOG, TILEFISH, AND TUNA FILLETS.
- 5/ MISCELLANEOUS CANNED, IN MAINE, INCLUDES ANIMAL FOOD, HERRING ROE, TUNA, FISH CHOWDER, LOBSTER NEWBURG, AND CANNED CLAM CAKES; IN MASSACHUSETTS AND RHODE ISLAND, KIPPERED ALEWIVES, FISH CAKES, FISH PASTE, HADDOCK CHOWDER, SMOKED FINNAN HADDIE, SMOKED SALMON, SALMON AND CHEESE, SEA HERRING, SMOKED AND KIPPERED TUNA, TUNA FRANKFURTERS, HARD CLAMS, WHOLE CLAM CHOWDER, AND CLAM LOAF.
- 6/ BUTTONS MANUFACTURED IN CONNECTICUT.
- 7/ MISCELLANEOUS BYPRODUCTS IN MAINE, INCLUDES GLUE, ROSEFISH OIL, PEARL ESSENCE, ALGIN, IRISH MOSS, AND KELP PRODUCTS; IN MASSACHUSETTS, ISINGLASS, IRISH MOSS, AND HOMOGENIZED CONDENSED FISH.

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



## NEW ENGLAND FISHERIES

## SUMMARY OF MANUFACTURED FISHERY PRODUCTS, VARIOUS YEARS

SUMMARY OF STATES:		MANUFACTURED FISHERY PRODUCTS	FISHERMENS' PREPARED PRODUCTS	TOTAL
STATE		VALUE	VALUE	VALUE
MAINE . . . . .		\$40,035,257	\$70,843	\$40,106,100
MASSACHUSETTS . . . . .		46,647,633	1,197,901	47,845,534
RHODE ISLAND AND NEW HAMPSHIRE . . . . .		706,540	81,056	787,596
CONNECTICUT . . . . .		2,261,806	7,015	2,268,821
TOTAL . . . . .		89,651,236	1,356,815	91,008,051

SUMMARY OF ITEMS:		UNIT	QUANTITY	VALUE
ITEM	YEAR			
FRESH AND FROZEN PACKAGED FISH . . . . .	1948	POUNDS	151,303,120	\$35,197,238
CANNED FISH AND SHELLFISH . . . . .	1948	STANDARD CASES	4,673,913	39,866,513
BYPRODUCTS . . . . .	1948	-	-	10,721,145
PACKAGED SHELLFISH . . . . .	1940	POUNDS	15,244,222	3,133,679
SALTED, DRIED AND PICKLED . . . . .	1940	DO	17,129,175	1,581,175
SMOKED AND KIPPERED . . . . .	1940	DO	4,799,715	508,301
TOTAL . . . . .	-	-	-	91,008,051





## MAINE

## OPERATING UNITS BY GEAR, 1948

ITEM	PURSE SEINES		HAUL SEINES, COMMON	STOP SEINES	GILL NETS		LINES	
	MACKEREL	OTHER			DRIFT	STAKE	HAND	TRAWL OR TROT WITH HOOKS
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:								
ON VESSELS	51	-	-	37	35	-	7	6
ON BOATS AND SHORE:								
REGULAR	3	152	5	336	31	-	296	331
CASUAL	-	39	-	126	-	7	490	51
TOTAL	54	191	59	499	66	7	793	388
VESSLS, MOTOR:	12	-	-	9	8	-	7	1
NET TONNAGE	119	-	-	81	94	-	45	5
BOATS:								
MOTOR	1	52	18	136	11	-	258	232
OTHER	1	49	11	120	-	-	53	-
ACCESSORY BOATS	15	-	-	12	-	-	-	-
APPARATUS:								
NUMBER	13	52	18	145	305	5	2,265	12,416
LENGTH, YARDS	4,150	16,225	2,100	63,410	-	-	-	-
SQUARE YARDS	-	-	-	-	96,130	915	-	-
HOOKS	-	-	-	-	-	-	6,774	571,800

ITEM	FLOATING TRAPS	WEIRS	FYKE NETS, FISH	DIP NETS, COMMON	BAG NETS	OTTER TRAWLS, FISH	TRAPS, BOX
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS	-	-	-	-	-	376	-
ON BOATS AND SHORE:							
REGULAR	45	285	2	36	18	150	-
CASUAL	8	119	-	81	30	-	13
TOTAL	53	404	2	117	48	526	13
VESSLS, MOTOR	-	-	-	-	-	61	-
NET TONNAGE	-	-	-	-	-	1,785	-
BOATS:							
MOTOR	20	135	2	5	-	50	-
OTHER	13	132	-	16	-	-	1
APPARATUS:							
NUMBER	20	207	6	117	44	111	10
YARDS AT MOUTH	-	-	-	-	-	2,754	-

ITEM	POTS, LOBSTER	HARPOONS	DREDGES, SCALLOP	RAKES, OTHER THAN FOR OYSTERS	HOES	BY HAND, OTHER THAN FOR OYSTERS	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS	49	-	11	-	-	-	511
ON BOATS AND SHORE:							
REGULAR	4,097	45	73	120	958	11	5,568
CASUAL	1,208	63	9	112	1,284	60	3,670
TOTAL	5,354	108	93	232	2,242	71	9,749
VESSLS, MOTOR	42	-	1	-	-	-	116
NET TONNAGE	292	-	22	-	-	-	2,231
BOATS:							
MOTOR	4,482	74	41	48	283	15	4,915
OTHER	750	-	-	86	863	15	2,103
ACCESSORY BOATS	-	-	-	-	-	-	27
APPARATUS:							
NUMBER	459,214	74	42	232	2,242	-	-
YARDS AT MOUTH	-	-	47	-	-	-	-



LOBSTER POTS

## NEW ENGLAND FISHERIES

MAINE: CATCH BY GEAR, 194F

SPECIES	PURSE SEINES		HAUL SEINES		STOP SEINES		GILL NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
COD . . . . .	-	-	-	-	-	-	1,546,200	\$141,208
CUSK . . . . .	-	-	-	-	-	-	19,900	889
FLOUNDERS:								
GRAY SOLE . . . . .	-	-	-	-	-	-	100	2
BLACKBACK . . . . .	-	-	-	-	-	-	4,600	312
DAB . . . . .	-	-	-	-	-	-	200	8
HADDOCK . . . . .	-	-	-	-	-	-	129,000	13,685
HAKE:								
RED . . . . .	-	-	-	-	-	-	41,700	1,882
WHITE . . . . .	-	-	-	-	-	-	1,767,200	110,851
HALIBUT . . . . .	-	-	-	-	-	-	200	73
HERRING, SEA . . . . .	54,248,100	\$1,014,310	-	-	78,503,200	\$1,508,966	-	-
MACKEREL . . . . .	2,872,000	143,548	-	-	266,200	6,660	84,000	4,627
MENHADEN . . . . .	18,800	151	-	-	-	-	-	-
POLLOCK . . . . .	-	-	-	-	-	-	3,027,800	118,946
ROSEFISH (OCEAN PERCH) . . . . .	-	-	-	-	-	-	6,100	184
SHAD . . . . .	-	-	-	-	-	-	2,200	67
SHARKS . . . . .	-	-	-	-	-	-	40,900	1,231
SKATES . . . . .	-	-	-	-	-	-	700	35
SMELT . . . . .	-	-	151,500	\$31,634	-	-	13,000	3,543
STURGEON . . . . .	-	-	-	-	-	-	100	19
WHITING . . . . .	-	-	-	-	-	-	100	1
WOLFFISH . . . . .	-	-	-	-	-	-	400	11
UNCLASSIFIED, FOR FOOD . . . . .	-	-	-	-	-	-	15,600	398
TOTAL . . . . .	57,138,900	1,158,009	151,500	31,634	78,769,400	1,515,626	6,700,000	397,972

SPECIES	LINES				FLOATING TRAPS		WEIRS	
	HAND		TRAWL OR TROT WITH HOOKS		POUNDS	VALUE	POUNDS	VALUE
ALEWIVES . . . . .	-	-	-	-	-	-	40,000	\$925
COD . . . . .	917,100	\$35,123	1,567,400	\$69,124	-	-	-	-
CUSK . . . . .	2,900	101	391,000	20,661	-	-	-	-
EELS, COMMON . . . . .	200	19	-	-	-	-	-	-
FLOUNDERS:								
GRAY SOLE . . . . .	-	-	2,700	169	100	\$5	-	-
BLACKBACK . . . . .	-	-	1,300	58	-	-	-	-
DAB . . . . .	-	-	1,200	46	-	-	-	-
HADDOCK . . . . .	56,400	4,080	344,200	28,388	-	-	-	-
HAKE:								
RED . . . . .	-	-	200	13	-	-	-	-
WHITE . . . . .	138,700	3,179	2,327,000	73,184	200	9	-	-
HALIBUT . . . . .	3,700	1,098	17,000	5,088	-	-	-	-
HERRING, SEA . . . . .	-	-	-	-	18,200	456	49,691,400	962,723
MACKEREL . . . . .	28,000	1,660	-	-	534,200	28,539	305,100	6,718
MENHADEN . . . . .	-	-	-	-	5,300	76	-	-
POLLOCK . . . . .	294,300	5,021	591,400	11,512	2,400	60	26,100	1,047
ROSEFISH (OCEAN PERCH) . . . . .	-	-	300	7	-	-	-	-
SHAD . . . . .	-	-	-	-	200	8	-	-
SHARKS . . . . .	500	32	2,400	141	2,400	94	-	-
SMELT . . . . .	236,300	63,856	-	-	-	-	-	-
SUCKERS . . . . .	400	38	-	-	-	-	-	-
TUNA, BLUEFIN . . . . .	5,400	480	-	-	-	-	-	-
WHITING . . . . .	-	-	-	-	9,700	171	-	-
WOLFFISH . . . . .	2,600	56	14,300	418	-	-	-	-
UNCLASSIFIED FOR FOOD . . . . .	-	-	19,100	535	100	3	-	-
TOTAL . . . . .	1,686,500	114,743	5,279,500	209,695	572,800	29,421	50,062,600	971,413

SPECIES	FYKE NETS		DIP NETS		BAG NETS		OTTER TRAWLS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES . . . . .	-	-	1,827,800	\$10,445	-	-	-	-
COD . . . . .	-	-	-	-	-	-	2,355,500	\$114,920
CUSK . . . . .	-	-	-	-	-	-	600,400	24,183
EELS, COMMON . . . . .	2,000	\$371	-	-	-	-	-	-
FLOUNDERS:								
GRAY SOLE . . . . .	-	-	-	-	-	-	750,500	45,548
LEMON SOLE . . . . .	-	-	-	-	-	-	8,300	530
YELLOWTAIL . . . . .	-	-	-	-	-	-	117,800	7,345
BLACKBACK . . . . .	-	-	-	-	-	-	864,200	52,750
DAB . . . . .	-	-	-	-	-	-	562,500	18,875
UNCLASSIFIED . . . . .	-	-	-	-	-	-	1,000	20

(CONTINUED ON NEXT PAGE)

NEW ENGLAND FISHERIES

MAINE: CATCH BY GEAR, 1948 - Continued

SPECIES	FYKE NETS		DIP NETS		BAG NETS		OTTER TRAWLS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
HADDOCK	-	-	-	-	-	-	5,521,500	\$395,838
HAKE:	-	-	-	-	-	-	-	-
RED	-	-	-	-	-	-	18,100	499
WHITE	-	-	-	-	-	-	1,340,600	44,159
HALIBUT	-	-	-	-	-	-	22,000	6,321
MACKEREL	-	-	-	-	-	-	2,000	165
POULLOCK	-	-	-	-	-	-	2,358,600	72,546
ROSEFISH (OCEAN PERCH)	-	-	-	-	-	-	49,035,000	1,711,578
SHAD	-	-	-	-	-	-	200	11
SHARKS	-	-	-	-	-	-	2,600	90
SMELT	-	-	26,900	\$2,784	114,600	\$35,474	-	-
STURGEON	-	-	-	-	-	-	100	12
SUCKERS	3,800	\$506	-	-	-	-	-	-
SWORDFISH	-	-	-	-	-	-	-	258
WHITING	-	-	-	-	-	-	8,644,800	113,446
WOLFFISH	-	-	-	-	-	-	199,300	8,214
UNCLASSIFIED, FOR FOOD	-	-	-	-	-	-	63,500	1,836
LOBSTERS, NORTHERN	-	-	-	-	-	-	4,300	1,755
SHRIMP	-	-	-	-	-	-	27,300	3,120
CONIGS	-	-	-	-	-	-	1,000	110
SEA URCHINS	-	-	-	-	-	-	-	-
TOTAL	5,800	877	2,034,900	17,677	114,600	35,474	72,501,600	2,624,229

SPECIES	BOX TRAPS		POTS		HARPOONS		DREDGES	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
EELS, COMMON	18,100	\$3,144	-	-	-	-	-	-
SHARKS	-	-	-	-	600	\$29	-	-
TUNA, BLUEFIN	-	-	-	-	223,600	18,615	-	-
CRABS, ROCK	-	-	340,100	\$19,878	-	-	-	-
LOBSTERS, NORTHERN	-	-	15,918,700	6,437,712	-	-	-	-
SCALLOPS, SEA	-	-	-	-	-	-	453,700	\$217,662
TOTAL	18,100	3,144	16,258,800	6,457,590	224,200	18,644	453,700	217,662

SPECIES	RAKES		HOES		BY HAND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CLAMS, PUBLIC:	-	-	-	-	-	-
HARD	-	-	288,700	\$60,348	-	-
SOFT	-	-	8,969,300	1,801,207	-	-
MUSSELS, SEA	-	-	124,100	13,365	-	-
PERIWINKLES AND COCKLES	-	-	-	-	19,800	\$6,213
IRISH MOSS	1,483,700	\$29,675	-	-	-	-
BLOODWORMS	-	-	567,900	305,044	-	-
SANDWORMS	-	-	77,900	57,307	-	-
TOTAL	1,483,700	29,675	10,027,900	2,237,271	19,800	6,213

NEW HAMPSHIRE  
OPERATING UNITS BY GEAR, 1948

ITEM	LINES				
	GILL NETS	HAND	TRAWL OR TROT WITH HOOKS	WEIRS	DIP NETS, COMMON
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN ON BOATS AND SHORE:	-	-	-	-	-
REGULAR	2	1	2	-	-
CASUAL	-	5	-	3	20
TOTAL	2	6	2	3	20
BOATS, MOTOR	1	1	1	-	-
APPARATUS:	-	-	-	-	-
NUMBER	6	21	8	2	20
SQUARE YARDS	1,920	-	-	-	-
HOOKS	-	40	600	-	-

(CONTINUED ON NEXT PAGE)

## NEW ENGLAND FISHERIES

## NEW HAMPSHIRE: OPERATING UNITS BY GEAR, 1948 - Continued

ITEM	POTS, LOBSTERS	SPEARS	HOES	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN ON BOATS AND SHORE:				
REGULAR . . . . .	144	-	5	144
CASUAL . . . . .	70	10	21	129
TOTAL . . . . .	214	10	26	273
BOATS:				
MOTOR . . . . .	130	-	-	131
OTHER . . . . .	70	-	5	75
APPARATUS, NUMBER . . . . .	9,777	10	26	-

## NEW HAMPSHIRE: CATCH BY GEAR, 1948

SPECIES	GILL NETS, DRIFT		LINES				WEIRS	
			HAND		TRAWL OR TROT WITH HOOKS			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES . . . . .	-	-	-	-	-	-	60,000	\$600
COD . . . . .	-	-	1,200	\$76	6,300	\$382	-	-
CUSK . . . . .	-	-	300	22	700	51	-	-
FLOUNDERS, BLACKBACK . . . . .	-	-	-	-	600	42	-	-
HADDOCK . . . . .	-	-	200	19	1,800	219	-	-
HAKE, WHITE . . . . .	-	-	700	43	9,800	490	-	-
MACKEREL . . . . .	8,400	\$800	-	-	-	-	-	-
SMELT . . . . .	-	-	1,000	350	5,000	1,750	-	-
TOTAL . . . . .	8,400	800	3,400	510	24,200	2,934	60,000	600
SPECIES	DIP NETS		POTS		SPEARS		HOES	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES . . . . .	20,000	\$200	-	-	-	-	-	-
EELS, COMMON . . . . .	-	-	-	-	2,300	\$759	-	-
CRABS, ROCK . . . . .	-	-	3,000	\$150	-	-	-	-
LOBSTERS, NORTHERN . . . . .	-	-	401,500	248,630	-	-	-	-
CLAMS, SOFT, PUBLIC . . . . .	-	-	-	-	-	-	6,800	\$1,500
SANDWORMS . . . . .	-	-	-	-	-	-	100	73
TOTAL . . . . .	20,000	200	404,500	248,780	2,300	759	6,900	1,573

## MASSACHUSETTS

## OPERATING UNITS BY GEAR, 1948

ITEM	PURSE SEINES, MACKEREL	HAUL SEINES, COMMON	GILL NETS		LINES		POUND NETS	FLOATING TRAPS
			ANCHOR	DRIFT	HAND	TRAWL OR TROT WITH HOOKS		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:								
ON VESSELS . . . . .	532	-	47	13	53	159	3	-
ON BOATS AND SHORE:								
REGULAR . . . . .	23	7	10	70	161	225	109	46
CASUAL . . . . .	-	15	-	55	403	86	3	10
TOTAL . . . . .	555	22	57	138	617	470	115	56
VESSELS, MOTOR . . . . .	42	-	8	2	13	18	1	-
NET TONNAGE . . . . .	1,465	-	140	25	138	402	5	-
BOATS:								
MOTOR . . . . .	4	-	5	46	233	117	28	16
OTHER . . . . .	7	7	4	-	60	-	36	26
ACCESSORY BOATS . . . . .	84	-	-	-	-	23	2	-
APPARATUS:								
NUMBER . . . . .	46	8	309	778	721	11,921	69	32
LENGTH, YARDS . . . . .	22,590	425	-	-	-	-	-	-
SQUARE YARDS . . . . .	-	-	177,733	428,400	-	-	-	-
HOOKS . . . . .	-	-	-	-	871	652,770	-	-

(CONTINUED ON NEXT PAGE)

MASSACHUSETTS: OPERATING UNITS BY GEAR, 1948 - Continued

ITEM	FYKE NETS, FISH	DIP NETS, COMMON	OTTER TRAWLS, FISH	POTS			HARPOONS
				CRAB	EEL	LOBSTER	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS . . . . .	-	-	4,080	-	-	-	161
ON BOATS AND SHORE:							
REGULAR . . . . .	-	45	24	5	5	436	44
CASUAL . . . . .	2	121	12	1	-	1,116	55
TOTAL . . . . .	2	166	4,116	6	5	1,552	260
VESSELS, MOTOR . . . . .	-	-	539	-	-	-	33
NET TONNAGE . . . . .	-	-	23,266	-	-	-	677
BOATS:							
MOTOR . . . . .	- 1	6	15	4	5	885	39
OTHER . . . . .	-	144	-	-	-	433	14
ACCESSORY BOATS . . . . .	-	-	-	-	-	-	51
APPARATUS:							
NUMBER . . . . .	1	143	713	432	125	93,978	72
YARDS AT MOUTH . . . . .	-	-	23,113	-	-	-	-

ITEM	SPEARS	DREDGES			TONGS	
		CLAM	OYSTER, COMMON	SCALLOP	OYSTER	OTHER
		NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS . . . . .	-	-	-	922	-	-
ON BOATS AND SHORE:						
REGULAR . . . . .	12	40	9	417	25	144
CASUAL . . . . .	-	8	-	1,795	-	228
TOTAL . . . . .	12	48	9	3,134	25	372
VESSELS, MOTOR . . . . .	-	-	-	103	-	-
NET TONNAGE . . . . .	-	-	-	3,541	-	-
BOATS:						
MOTOR . . . . .	-	23	4	733	-	-
OTHER . . . . .	-	-	-	371	20	372
APPARATUS:						
NUMBER . . . . .	12	23	4	3,101	25	372
YARDS AT MOUTH . . . . .	-	19	4	3,068	-	-

ITEM	RAKES, OTHER THAN FOR OYSTERS	FORKS	HOES	BY HAND, OTHER THAN FOR OYSTERS	TOTAL, EXCLUSIVE OF DUPLICATION
					NUMBER
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS . . . . .	-	-	-	-	5,282
ON BOATS AND SHORE:					
REGULAR . . . . .	327	16	222	5	1,739
CASUAL . . . . .	607	-	317	-	4,332
TOTAL . . . . .	934	16	539	5	11,353
VESSELS, MOTOR . . . . .	-	-	-	-	650
NET TONNAGE . . . . .	-	-	-	-	26,563
BOATS:					
MOTOR . . . . .	25	-	-	1	2,024
OTHER . . . . .	420	-	47	-	1,585
APPARATUS, NUMBER . . . . .	916	16	539	-	-



DORY

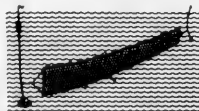
## NEW ENGLAND FISHERIES

MASSACHUSETTS: CATCH BY GFAR, 1948

SPECIES	PURSE SEINES		HAUL SEINES		GILL NETS	
					ANCHOR	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES . . . . .	110,000	\$1,650	335,600	\$4,159	-	-
COD . . . . .	400	19	-	-	1,494,600	\$78,440
CUSK . . . . .	-	-	-	-	2,600	98
FLOUNDERS:						
GRAY SOLE . . . . .	300	19	-	-	-	-
YELLOWTAIL . . . . .	-	-	-	-	300	24
BLACKBACK . . . . .	-	-	-	-	0,000	823
DAB . . . . .	100	5	-	-	1,000	55
Haddock . . . . .	-	-	-	-	102,200	6,961
HAKE:						
RED . . . . .	-	-	-	-	600	13
WHITE . . . . .	900	26	-	-	1,022,000	33,175
HALIBUT . . . . .	-	-	-	-	200	49
HERRING, SEA . . . . .	50,000	1,142	-	-	-	-
LAUNCE . . . . .	-	-	75,000	3,000	-	-
MACKEREL . . . . .	23,722,400	1,366,266	-	-	-	-
POLLOCK . . . . .	1,100	36	-	-	3,344,300	106,842
SHAD . . . . .	-	-	-	-	3,300	88
SHARKS . . . . .	500	22	-	-	17,200	609
STURGEON . . . . .	-	-	-	-	200	32
TUNA AND TUNALIKE FISHES:						
BLUEFIN . . . . .	1,100	62	-	-	800	41
WHITING . . . . .	28,400	716	-	-	300	8
WOLFFISH . . . . .	-	-	-	-	100	5
UNCLASSIFIED, FOR FOOD . . . . .	-	-	-	-	500	20
TOTAL . . . . .	23,915,200	1,369,963	410,600	7,159	5,998,200	227,183

SPECIES	GILL NETS, CONT'D.		LINES			
	DRIFT		HAND		TRAWL OR TROT WITH HOOKS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES . . . . .	400	\$6	-	-	-	-
ANGLERFISH . . . . .	-	-	-	-	700	\$31
BLUEFISH . . . . .	-	-	1,000	\$200	-	-
BUTTERFISH . . . . .	100	19	-	-	1,800	212
COD . . . . .	-	-	479,800	26,772	6,364,300	427,283
CUSK . . . . .	-	-	700	26	11,104,100	52,096
EELS:						
COMMON . . . . .	-	-	-	-	100	3
CONGER . . . . .	-	-	-	-	500	18
FLOUNDERS:						
GRAY SOLE . . . . .	-	-	-	-	200	23
LEMON SOLE . . . . .	-	-	300	42	71,100	10,027
YELLOWTAIL . . . . .	-	-	-	-	59,700	5,522
BLACKBACK . . . . .	-	-	11,600	1,125	42,400	4,748
DAB . . . . .	-	-	-	-	10,300	897
Haddock . . . . .	-	-	11,400	912	4,401,200	367,032
HAKE:						
RED . . . . .	-	-	-	-	1,300	80
WHITE . . . . .	-	-	3,600	116	2,757,600	137,734
HALIBUT . . . . .	-	-	100	25	93,200	26,428
MACKEREL . . . . .	465,900	26,865	-	-	700	67
POLLOCK . . . . .	6,000	191	280,400	9,069	535,400	20,643
SCUP OR PORGY . . . . .	-	-	300	8	-	-
SEA BASS . . . . .	-	-	100	8	-	-
SEA TROUT OR WEAKFISH, GRAY . . . . .	-	-	4,000	480	-	-
SHAD . . . . .	7,300	205	-	-	100	7
SHARKS . . . . .	3,800	136	8,900	328	2,500	114
SKATES . . . . .	-	-	-	-	33,100	1,204
SMELT . . . . .	-	-	100	16	-	-
STRIPED BASS . . . . .	-	-	75,500	11,614	200	31
TAUOG . . . . .	-	-	43,000	3,320	-	-
TUNA AND TUNALIKE FISHES:						
BLUEFIN . . . . .	-	-	738,000	46,115	-	-
WHITING . . . . .	81,200	2,104	-	-	16,400	450

(CONTINUED ON NEXT PAGE)



ANCHOR GILL NET

# NEW ENGLAND FISHERIES

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## MASSACHUSETTS: CATCH BY GEAR, 1948 - Continued

SPECIES	GILL NETS, CONT'D.		LINES			
	DRIFT		HAND		TRAWL OR TROT WITH HOOKS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
WOLFFISH . . . . .	-	-	-	-	154,600	\$10,797
UNCLASSIFIED, FOR FOOD. . . . .	-	-	-	-	3,100	136
TOTAL . . . . .	564,700	\$29,526	1,658,800	\$100,176	15,654,600	1,065,583

SPECIES	POUND NETS		FLOATING TRAPS		FYKE NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES . . . . .	-	-	1,000	\$15	-	-
ANGLERFISH . . . . .	700	\$13	-	-	-	-
BLUEFISH . . . . .	1,200	278	-	-	-	-
BUTTERFISH . . . . .	118,100	18,128	9,700	1,223	-	-
COD . . . . .	200	13	5,300	255	-	-
EELS, COMMON . . . . .	-	-	-	-	200	\$45
FLOUNDERS:						
BLACKBACK . . . . .	4,000	387	-	-	300	18
FLUKE . . . . .	9,000	1,650	-	-	-	-
FRIGATE MACKEREL . . . . .	6,700	173	-	-	-	-
GRAYFISH . . . . .	34,000	373	-	-	-	-
HAKE:						
RED . . . . .	3,400	34	-	-	-	-
WHITE . . . . .	40,600	1,559	-	-	-	-
HERRING, SEA . . . . .	2,132,900	59,785	62,800	1,038	-	-
MACKEREL . . . . .	9,260,600	932,547	1,676,600	87,529	-	-
MENHADEN . . . . .	1,014,100	12,767	30,700	398	-	-
POLLOCK . . . . .	179,300	6,677	119,600	3,819	-	-
SALMON . . . . .	-	-	100	23	-	-
SCUP OR PORGY . . . . .	77,000	2,118	-	-	-	-
SEA BASS . . . . .	3,700	355	-	-	-	-
SEA TROUT OR WEAKFISH, GRAY	8,600	1,017	-	-	-	-
SHAD . . . . .	19,200	1,933	3,000	78	-	-
SHARKS . . . . .	4,700	353	-	-	-	-
STRIPED BASS . . . . .	1,200	161	800	124	-	-
STURGEON . . . . .	300	40	-	-	-	-
TUNAS:	5,600	345	100	3	-	-
TUNA AND TUNALIKE FISHES:						
BLUEFIN . . . . .	1,732,200	117,944	11,800	658	-	-
BONITO . . . . .	2,300	242	-	-	-	-
WHITING . . . . .	2,629,100	51,033	318,500	7,826	-	-
UNCLASSIFIED, FOR FOOD . . . . .	4,400	168	-	-	-	-
SQUID . . . . .	1,300,700	78,819	3,300	134	-	-
TOTAL . . . . .	18,593,800	1,288,912	2,243,300	103,123	500	63

SPECIES	DIP NETS		OTTER TRAWLS	
	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES . . . . .	20,000	\$200	600	\$9
ANGLERFISH . . . . .	-	-	14,200	312
BUTTERFISH . . . . .	-	-	546,400	74,933
COD . . . . .	-	-	52,405,000	3,324,903
CUNNER . . . . .	-	-	2,500	50
CUSK . . . . .	-	-	1,090,600	46,361
EELS, CONGER . . . . .	-	-	12,400	691
FLOUNDERS:				
GRAY SOLE . . . . .	-	-	2,263,100	202,944
LEMON SOLE . . . . .	-	-	5,182,700	795,055
YELLOWTAIL . . . . .	-	-	32,023,300	2,971,481
BLACKBACK . . . . .	-	-	14,273,100	1,661,759
DAB . . . . .	-	-	2,156,800	160,746
FLUKE . . . . .	-	-	2,360,600	487,702
UNCLASSIFIED . . . . .	-	-	800	47
HADDOCK . . . . .	-	-	144,015,500	11,418,008
HAKE:				
RED . . . . .	-	-	4,200,600	53,609
WHITE . . . . .	-	-	6,070,400	238,815

(CONTINUED ON NEXT PAGE)

## NEW ENGLAND FISHERIES

## MASSACHUSETTS: CATCH BY GEAR, 1948 - Continued

SPECIES	DIP NETS		OTTER TRAWLS	
	POUNDS	VALUE	POUNDS	VALUE
HALIBUT	-	-	340,700	\$72,042
HERRING, SEA	299,500	\$4,203	2,557,400	64,807
MACKEREL	-	-	335,000	25,620
MENHADEN	-	-	2,500	31
OCEAN POUT	-	-	6,100	172
POLLOCK	-	-	26,939,800	1,016,124
ROSEFISH (OCEAN PERCH)	-	-	189,053,800	7,935,101
SCUP OR PORGY	-	-	1,470,300	42,387
SEA BASS	-	-	25,700	2,076
SEA TROUT OR WEAKFISH, GRAY	-	-	300	31
SHAD	-	-	1,500	70
SHARKS	-	-	34,000	1,629
SKATES	-	-	25,300	1,056
SMELT	-	-	1,000	15
STRIPED BASS	-	-	500	37
STURGEON	-	-	8,900	76
SWORDFISH	-	-	2,000	749
TAUTOG	-	-	8,700	392
TILEFISH	-	-	250,700	19,054
TUNA AND TUNALIKE FISHES:				
BLUEFIN	-	-	19,200	1,337
WHITING	-	-	65,830,400	1,584,443
WOLFFISH	-	-	1,805,600	124,947
UNCLASSIFIED, FOR FOOD	-	-	3,521,800	144,312
LOBSTERS, NORTHERN	-	-	400	58
CONCHS	-	-	50,000	5,500
SCALLOPS:				
BAY	33,900	19,000	-	-
SEA	-	-	17,500	9,114
SQUID	-	-	92,100	4,478
TOTAL	353,400	23,403	559,019,800	32,494,010

SPECIES	POTS		HARPOONS		SPEARS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
EELS, COMMON	29,000	\$4,550	200	\$39	8,000	\$1,600
FLOUNDER, FLUKE	-	-	-	-	-	-
SWORDFISH	-	-	813,300	322,812	-	-
TUNA, BLUEFIN	-	-	117,100	6,512	-	-
CRAB, ROCK	659,700	\$51,876	-	-	-	-
LOBSTERS, NORTHERN	3,211,200	1,379,018	-	-	-	-
TOTAL	3,929,900	1,435,444	930,600	329,363	8,000	1,600

SPECIES	DREDGES		TONGS		RAKES	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FLOUNDERS:						
LEMON SOLE	3,400	\$107	-	-	-	-
YELLOWTAIL	4,100	391	-	-	-	-
BLACKBACK	8,800	1,053	-	-	-	-
DAB	200	17	-	-	-	-
HAKE, WHITE	100	4	-	-	-	-
UNCLASSIFIED, FOR FOOD	400	17	-	-	-	-
CLAMS:						
HARD, PUBLIC	199,700	50,465	349,300	\$104,312	933,800	\$320,342
HARD, PRIVATE	-	-	-	-	12,100	2,466
SURF	-	-	-	-	13,100	4,052
OYSTERS, MARKET:						
PUBLIC, FALL	-	-	6,500	2,500	-	-
PRIVATE, FALL	82,600	54,632	111,000	73,655	-	-
SCALLOPS:						
BAY	1,295,700	927,402	-	-	120,000	79,800
SEA	11,968,200	6,269,694	-	-	-	-
IRISH MOSS	-	-	-	-	600,000	8,950
TOTAL	13,563,200	7,303,782	466,800	180,467	1,679,000	415,610

SPECIES	FORKS		HOES		BY HAND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CLAMS:						
RAZOR	-	-	43,900	\$6,162	-	-
SOFT, PUBLIC	-	-	624,600	259,041	-	-
SOFT, PRIVATE	-	-	800	354	-	-
OYSTERS, MARKET, PRIVATE, FALL	29,200	\$18,000	-	-	-	-
PERIWINKLES AND COCKLES	-	-	-	-	300	\$21
SANDWORMS	-	-	6,700	6,442	-	-
TOTAL	29,200	18,000	676,000	271,999	300	21



RHODE ISLAND

OPFRATING UNITS BY GEAR, 1948

ITEM	HAUL SEINES, COMMON NUMBER	GILL NETS, DRIFT NUMBER	LINES			FLOATING TRAPS NUMBER
			HAND NUMBER	TRAWL OR TROT WITH HOOKS NUMBER	TROLL NUMBER	
FISHERMEN: ON VESSELS . . . . .	-	-	9	7	-	52
ON BOATS AND SHORE: REGULAR . . . . .	35	6	66	46	18	16
TOTAL . . . . .	35	6	75	53	18	68
VESSELS, MOTOR . . . . .	-	-	4	3	-	5
NET TONNAGE . . . . .	-	-	27	21	-	45
BOATS:						
MOTOR . . . . .	4	3	51	23	15	4
OTHER . . . . .	11	-	-	-	-	9
ACCESSORY BOATS . . . . .	-	-	-	-	-	14
APPARATUS:						
NUMBER . . . . .	13	30	150	1,260	60	20
LENGTH, YARDS . . . . .	2,416	-	-	-	-	-
SQUARE YARDS . . . . .	-	9,000	-	-	-	-
HOOKS . . . . .	-	-	150	50,400	60	-

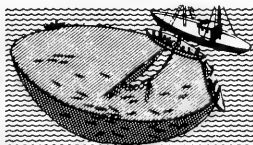
  

ITEM	FYKE NETS, FISH NUMBER	OTTER TRAWLS, FISH NUMBER	PODS			PERIWINKLE AND COCKLE NUMBER
			CRAB NUMBER	EEL NUMBER	LOBSTER NUMBER	
FISHERMEN: ON VESSELS . . . . .	-	121	-	2	4	-
ON BOATS AND SHORE: REGULAR . . . . .	2	50	7	9	76	2
CASUAL . . . . .	-	-	-	1	160	-
TOTAL . . . . .	2	171	7	12	240	2
VESSELS, MOTOR . . . . .	-	50	-	1	2	-
NET TONNAGE . . . . .	538	538	-	9	12	-
BOATS, MOTOR . . . . .	1	31	6	8	177	2
APPARATUS:						
NUMBER . . . . .	1	81	330	782	15,444	80
YARDS AT MOUTH . . . . .	-	2,055	-	-	-	-

ITEM	HARPOONS NUMBER	DREDGES			TONGS, OTHER THAN FOR OYSTERS NUMBER
		CLAM NUMBER	OYSTER, COMMON NUMBER	SCALLOP NUMBER	
FISHERMEN: ON VESSELS . . . . .	33	30	39	14	-
ON BOATS AND SHORE: REGULAR . . . . .	26	10	-	265	293
CASUAL . . . . .	-	-	-	265	1,077
TOTAL . . . . .	59	40	39	544	1,370
VESSELS, MOTOR . . . . .	13	12	9	7	-
NET TONNAGE . . . . .	129	193	177	53	-
BOATS:					
MOTOR . . . . .	13	5	-	239	101
OTHER . . . . .	-	-	-	-	1,269
ACCESSORY BOATS . . . . .	13	-	-	-	-
APPARATUS:					
NUMBER . . . . .	26	17	18	1,274	1,370
YARDS AT MOUTH . . . . .	-	17	25	993	-

(CONTINUED ON NEXT PAGE)



PURSE SEINE

## NEW ENGLAND FISHERIES

## RHODE ISLAND: OPERATING UNITS BY GEAR, 1948 - Continued

ITEM	RAKES		HOES	TOTAL, EXCLUSIVE OF DUPLICATION
	OYSTER	OTHER		
	NUMBER	NUMBER		
FISHERMEN:				
ON VESSELS . . . . .	-	-	-	238
ON BOATS AND SHORE:				
REGULAR . . . . .	20	93	92	594
CASUAL . . . . .	80	51	50	1,391
TOTAL . . . . .	100	184	142	2,213
VESSELS, MOTOR . . . . .	-	-	-	75
NET TONNAGE . . . . .	-	-	-	894
BOATS:				
MOTOR . . . . .	-	22	-	520
OTHER . . . . .	50	162	118	1,287
ACCESSORY BOATS . . . . .	-	-	-	27
APPARATUS, NUMBER . . . . .	100	184	142	-

## RHODE ISLAND: CATCH BY GEAR, 1948

SPECIES	PURSE SEINES		HAUL SEINES		GILL NETS, DRIFT	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES . . . . .	-	-	316,900	\$3,169	-	-
EELS, COMMON . . . . .	-	-	5,000	750	-	-
HERRING, SEA . . . . .	-	-	81,700	1,634	-	-
MACKEREL . . . . .	667,500	\$49,264	-	-	17,500	\$2,000
SEA TROUT OR WEAKFISH, GRAY . . . . .	-	-	12,700	1,320	-	-
STRIPED BASS . . . . .	-	-	33,800	6,556	-	-
WHITE PERCH . . . . .	-	-	4,900	820	-	-
TOTAL . . . . .	667,500	49,264	455,000	14,249	17,500	2,000

SPECIES	LINES					
	HAND		TRAWL OR TROT WITH HOOKS		TROLL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUEFISH . . . . .	-	-	-	-	200	\$51
COD . . . . .	149,400	\$9,533	52,400	\$3,367	-	-
EELS, CONGER . . . . .	-	-	100	3	-	-
FLOUNDERS:						
BLACKBACK . . . . .	-	-	100	6	-	-
FLUKE . . . . .	-	-	100	19	-	-
HAKE:						
RED . . . . .	-	-	7,300	88	-	-
WHITE . . . . .	-	-	900	41	-	-
MACKEREL . . . . .	-	-	-	-	6,400	617
POLLOCK . . . . .	1,900	65	5,800	230	-	-
SCUP OR PORGY . . . . .	2,200	71	200	12	-	-
SEA BASS . . . . .	3,400	437	1,300	254	-	-
SEA TROUT OR WEAKFISH, GRAY . . . . .	6,800	780	-	-	-	-
SHARKS . . . . .	-	-	1,000	72	-	-
SKATES . . . . .	-	-	500	7	-	-
STRIPED BASS . . . . .	1,500	290	-	-	100	25
AUTOG . . . . .	600	32	-	-	-	-
TUNA, BLUEFIN . . . . .	-	-	-	-	1,100	116
UNCLASSIFIED, FOR FOOD . . . . .	-	-	100	5	-	-
TOTAL . . . . .	165,800	11,208	69,800	4,104	7,800	809

SPECIES	FLOATING TRAPS		FYKE NETS		OTTER TRAWLS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES . . . . .	600	\$6	-	-	-	-
ANGLERFISH . . . . .	-	-	-	-	1,600	\$33
BLUEFISH . . . . .	16,800	3,958	-	-	100	34
BUTTERFISH . . . . .	329,300	27,990	-	-	1,110,900	94,457
COD . . . . .	287,700	17,949	-	-	300,900	18,776
CUNNER . . . . .	-	-	-	-	8,000	82

(CONTINUED ON NEXT PAGE)

NEW ENGLAND FISHERIES

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RHODE ISLAND: CATCH BY GEAR, 1948 - Continued

SPECIES	FLOATING TRAPS		FYKE NETS		OTTER TRAWLS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
EELS, CONGER.	700	\$19	-	-	16,600	\$557
FLOUNDERS:						
GRAY SOLE	-	-	-	-	1,700	118
YELLOWTAIL	-	-	-	-	3,292,800	249,523
BLACKBACK	5,200	288	-	-	1,582,800	87,335
DAB	-	-	-	-	300	15
FLUKE	101,900	18,847	-	-	303,500	56,929
UNCLASSIFIED	3,300	181	-	-	5,900	265
FRIGATE MACKEREL	4,800	209	-	-	-	-
GRAYFISH	-	-	-	-	200	4
HADDOCK	-	-	-	-	17,600	1,292
HAKE:						
RED	10,700	152	-	-	1,332,800	16,144
WHITE	35,200	1,051	-	-	87,400	2,635
HERRING SEA	912,000	14,617	-	-	331,500	6,007
KING WHITING OR "KINGFISH"	500	28	-	-	1,100	64
MACKEREL	309,200	25,664	-	-	18,800	1,550
MENHADEN	35,100	609	-	-	-	-
POLLOCK	17,300	461	-	-	4,500	139
SALMON	400	45	-	-	-	-
SCUP OR PORGY	1,390,500	48,667	-	-	2,405,600	83,085
SEA BASS	94,500	10,405	-	-	57,100	6,485
SEA ROBIN	13,600	137	-	-	600	6
SEA TROUT OR WEAKFISH, GRAY	130,600	14,178	-	-	7,700	874
SHAD	1,700	124	-	-	600	41
SHARKS	12,200	410	-	-	10,500	435
SKATES	100	1	-	-	2,400	46
SPOT	1,900	64	-	-	-	-
STRIPED BASS	18,800	4,038	-	-	8,700	1,889
STURGEON	900	193	-	-	1,100	238
SWELLFISH	28,300	572	-	-	38,300	1,040
TAUTOG	15,200	614	3,000	\$150	11,700	468
TILEFISH	-	-	-	-	6,300	433
TUNA AND TUNALIKE FISHES:						
BLUEFIN	21,500	2,362	-	-	-	-
BONITO	1,200	145	-	-	-	-
WHITING	301,300	5,031	-	-	2,098,400	35,511
UNCLASSIFIED:						
FOR FOOD	5,900	59	-	-	259,000	4,488
OTHER	739,100	11,087	-	-	-	-
LOBSTERS, NORTHERN	-	-	-	-	1,900	569
CONCHS	-	-	-	-	75,000	8,250
SCALLOPS, SEA	-	-	-	-	1,300	588
SQUID	256,700	16,693	-	-	300,800	19,363
TOTAL	5,004,700	226,854	3,000	150	13,707,000	699,768

SPECIES	POTS		HARPOONS		DREDGES	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
EELS, COMMON	22,600	\$3,365	-	-	-	-
MARLIN	-	-	100	\$7	-	-
SMORDFISH	-	-	99,300	39,547	-	-
TUNA, BLUEFIN	-	-	2,300	257	-	-
CRABS, ROCK	209,100	12,142	-	-	-	-
LOBSTERS, NORTHERN	382,700	176,295	-	-	-	-
CLAMS:						
HARD, PUBLIC	-	-	-	-	692,900	\$167,706
OCEAN QUAHOG	-	-	-	-	238,500	14,905
MUSSELS, SEA	-	-	-	-	30,000	3,750
OYSTERS, MARKET:						
PRIVATE, SPRING	-	-	-	-	387,400	221,684
PRIVATE, FALL	-	-	-	-	451,100	250,793
PERIWINKLES AND COCKLES	29,400	5,134	-	-	-	-
SCALLOPS:						
BAY	-	-	-	-	335,600	202,148
SEA	-	-	-	-	39,100	20,697
TOTAL	643,800	196,936	101,700	39,811	2,174,600	881,684

SPECIES	TONGS		RAKES		HDS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CLAMS:						
HARD, PUBLIC	2,321,600	\$770,829	497,000	\$175,689	-	-
SOFT, PUBLIC	-	-	-	-	538,700	\$136,175
OYSTERS, MARKET, PUBLIC, FALL	-	-	70,000	30,000	-	-
TOTAL	2,321,600	770,829	567,000	205,689	538,700	136,175

## NEW ENGLAND FISHERIES

## CONNECTICUT

## OPERATING UNITS BY GEAR, 1948

ITEM	HAUL SEINES, COMMON	GILL NETS			LINES		POUND NETS	STOP NETS
		ANCHOR	DRIFT	STAKE	HAND	TRAWL OR TROT WITH HOOKS		
		NUMBER	NUMBER	NUMBER	NUMBER	NUMBER		
FISHERMEN:								
ON VESSELS . . . . .	-	-	2	-	2	20	3	-
ON BOATS AND SHORE:								
REGULAR . . . . .	28	4	30	-	18	-	8	-
CASUAL . . . . .	112	6	188	36	91	-	13	4
TOTAL . . . . .	140	10	220	36	111	20	24	4
VESSELS, MOTOR . . . . .	-	-	1	-	1	1	1	-
NET TONNAGE . . . . .	-	-	6	-	6	21	6	-
BOATS:								
MOTOR . . . . .	29	4	90	15	66	-	6	1
OTHER . . . . .	12	-	10	1	11	-	-	1
ACCESSORY BOATS . . . . .	-	-	-	-	-	10	1	-
APPARATUS:								
NUMBER . . . . .	33	4	101	18	111	100	14	7
LENGTH, YARDS . . . . .	7,815	-	-	-	-	-	-	-
SQUARE YARDS . . . . .	-	2,400	98,100	450	-	-	-	140
HOOKS . . . . .	-	-	-	-	222	30,000	-	-
ITEM	FYKE NETS, FISH	DIP NETS, COMMON	OTTER TRAWLS, FISH	POTS			HARPOONS	
				EEL	FISH	LOBSTER		
				NUMBER	NUMBER	NUMBER		
FISHERMEN:								
ON VESSELS . . . . .	-	-	235	-	-	13	33	
ON BOATS AND SHORE:								
REGULAR . . . . .	-	4	50	3	-	89	2	
CASUAL . . . . .	8	116	113	67	2	303	-	
TOTAL . . . . .	8	120	398	70	2	405	35	
VESSELS, MOTOR . . . . .	-	-	77	-	-	7	9	
NET TONNAGE . . . . .	-	-	1,205	-	-	48	168	
BOATS:								
MOTOR . . . . .	4	59	88	31	1	232	1	
OTHER . . . . .	2	26	-	23	-	50	-	
ACCESSORY BOATS . . . . .	-	-	-	-	-	-	10	
APPARATUS:								
NUMBER . . . . .	28	120	165	936	20	20,012	10	
YARDS AT MOUTH . . . . .	-	-	2,395	-	-	-	-	
ITEM	DREDGES		TONGS		RAKES, OTHER THAN FOR OYSTER	HOES	TOTAL, EXCLUSIVE OF DUPLICATION	
	OYSTER, COMMON	SCALLOP	OYSTER	OTHER				
	NUMBER	NUMBER	NUMBER	NUMBER				
FISHERMEN:								
ON VESSELS . . . . .	90	2	-	-	-	2	353	
ON BOATS AND SHORE:								
REGULAR . . . . .	-	3	7	4	5	16	153	
CASUAL . . . . .	-	4	14	77	15	60	780	
TOTAL . . . . .	90	9	21	81	20	78	1,286	
VESSELS:								
MOTOR . . . . .	14	1	-	-	-	1	96	
NET TONNAGE . . . . .	234	6	-	-	-	7	1,485	
STEAM . . . . .	3	-	-	-	-	-	3	
NET TONNAGE . . . . .	117	-	-	-	-	-	117	
TOTAL VESSELS . . . . .	17	1	-	-	-	1	99	
TOTAL NET TONNAGE . . . . .	351	6	-	-	-	7	1,602	
BOATS:								
MOTOR . . . . .	-	4	8	46	12	46	445	
OTHER . . . . .	-	-	3	9	4	9	91	
ACCESSORY BOATS . . . . .	-	-	-	-	-	-	21	
APPARATUS:								
NUMBER . . . . .	34	10	21	81	20	78	-	
YARDS AT MOUTH . . . . .	51	10	-	-	-	-	-	

## CONNECTICUT: CATCH BY GEAR, 1948

SPECIES	HAUL SEINES		GILL NETS					
			ANCHOR		DRIFT		STAKE	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEVINES . . . . .	670,000	\$10,050	-	-	5,000	\$70	-	-
BLUEFISH . . . . .	200	50	-	-	-	-	-	-
BUTTERFISH . . . . .	-	-	100	\$10	-	-	-	-
CARP . . . . .	18,000	1,760	-	-	200	14	-	-
CATFISH AND BULLHEADS . . . . .	1,500	75	-	-	-	-	-	-
FLOUNDER, BLACKBACK . . . . .	-	-	-	-	200	15	-	-
MACKEREL . . . . .	-	-	2,000	225	-	-	-	-
MENHADEN . . . . .	-	-	40,700	407	38,000	380	-	-
MINNOWS . . . . .	36,000	1,583	-	-	-	-	-	-
SCUP OR PORGY . . . . .	-	-	-	-	100	7	-	-
SEA TROUT OR WEAKFISH, GRAY SHAD . . . . .	210,700	29,700	2,000	200	800	100	-	-
STRIPED BASS . . . . .	2,000	500	-	-	391,400	55,340	6,100	\$900
SUCKERS . . . . .	8,000	370	-	-	-	-	-	-
TAUTOG . . . . .	-	-	200	26	100	8	-	-
WHITING . . . . .	-	-	-	-	600	20	-	-
TOTAL . . . . .	946,400	44,088	45,000	868	436,400	55,954	6,100	900

SPECIES	LINES					
	HAND		TRAWL OR TROT WITH HOOKS		POUND NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ANGLERFISH . . . . .	-	-	-	-	300	\$12
BLUEFISH . . . . .	20,500	\$7,137	-	-	300	88
BUTTERFISH . . . . .	-	-	-	-	6,500	750
CATFISH AND BULLHEADS . . . . .	300	50	-	-	-	-
COD . . . . .	7,000	721	-	-	-	-
EELS, COMMON . . . . .	-	-	-	-	1,100	235
FLOUNDER:	-	-	-	-	-	-
YELLOWTAIL . . . . .	-	-	-	-	2,000	150
BLACKBACK . . . . .	4,400	384	-	-	8,500	530
FLUKE . . . . .	700	122	-	-	5,000	1,000
GRAYFISH . . . . .	100	3	-	-	-	-
HAKE:	-	-	-	-	-	-
RED . . . . .	-	-	-	-	2,100	65
WHITE . . . . .	500	36	-	-	400	20
HERRING, SEA . . . . .	-	-	-	-	1,000	41
HICKORY SHAD . . . . .	-	-	-	-	600	25
KING WHITING OR "KINGFISH" . . . . .	400	24	-	-	-	-
MACKEREL . . . . .	150,300	18,540	-	-	200	25
MENHADEN . . . . .	800	95	-	-	30,000	300
POLLOCK . . . . .	500	38	-	-	-	-
SCUP OR PORGY . . . . .	4,100	329	-	-	1,600	80
SEA BASS . . . . .	700	143	-	-	2,000	325
SEA TROUT OR WEAKFISH, GRAY SHAD . . . . .	5,200	610	-	-	42,100	8,518
SKATES . . . . .	600	14	-	-	13,400	2,000
STRIPED BASS . . . . .	2,200	636	-	-	6,500	215
SMELLFISH . . . . .	-	-	-	-	1,000	300
TAUTOG . . . . .	7,200	774	-	-	1,000	45
TILEFISH . . . . .	-	-	100,000	\$8,200	20,000	1,900
WHITING . . . . .	400	20	-	-	5,000	150
UNCLASSIFIED, OTHER . . . . .	-	-	-	-	19,000	269
SQUID . . . . .	-	-	-	-	1,000	100
TOTAL . . . . .	205,900	29,676	100,000	8,200	170,600	17,143

SPECIES	FYKE NETS		DIP NETS		OTTER TRAWLS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ANGLERFISH . . . . .	-	-	-	-	35,000	\$800
BLUEFISH . . . . .	-	-	-	-	200	40
BUTTERFISH . . . . .	-	-	-	-	784,700	75,078
CARP . . . . .	5,000	\$500	1,000	\$60	-	-
COD . . . . .	-	-	-	-	310,000	34,000
CUNNER . . . . .	-	-	-	-	4,000	250
EELS:	-	-	-	-	-	-
COMMON . . . . .	1,700	255	-	-	-	-
CONGER . . . . .	-	-	-	-	12,000	450

(CONTINUED ON NEXT PAGE)

## NEW ENGLAND FISHERIES

## CONNECTICUT: CATCH BY GEAR, 1948 - Continued

SPECIES	FYKE NETS		DIP NETS		OTTER TRAWLS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FLOUNDERs:						
GRAY SOLE . . . . .	-	-	-	-	10,000	\$850
LEMON SOLE . . . . .	-	-	-	-	100,300	12,000
YELLOWTAIL . . . . .	-	-	-	-	1,350,500	156,050
BLACKBACK . . . . .	-	-	-	-	3,672,500	303,895
DAB . . . . .	-	-	-	-	51,500	3,100
FLUKE . . . . .	-	-	-	-	512,000	67,082
UNCLASSIFIED . . . . .	-	-	-	-	8,000	250
GRAYFISH . . . . .	-	-	-	-	20,800	395
HADDOCK . . . . .	-	-	-	-	6,000	500
HAKE:						
RED . . . . .	-	-	-	-	350,200	10,006
WHITE . . . . .	-	-	-	-	14,200	6,515
HERRING, SEA . . . . .	-	-	-	-	3,301,400	100,844
KING WHITING OR "KINGFISH" . . . . .	-	-	-	-	5,000	475
MACKEREL . . . . .	-	-	-	-	50,000	5,400
MINNOWS . . . . .	5,000	\$340	138,500	\$3,395	-	-
POLLOCK . . . . .	-	-	-	-	20,100	1,307
SCUP OR PORGY . . . . .	-	-	-	-	2,201,000	200,077
SEA BASS . . . . .	-	-	-	-	200,000	40,000
SEA ROBIN . . . . .	-	-	-	-	144,000	3,918
SEA TROUT OR WEAKFISH, GRAY . . . . .	-	-	-	-	35,000	4,000
SHARKS . . . . .	-	-	-	-	10,200	304
SILVERSIDES . . . . .	-	-	-	-	3,000	53
SKATES . . . . .	-	-	-	-	93,700	2,250
STRIPED BASS . . . . .	-	-	-	-	5,000	1,400
STURGEON . . . . .	-	-	-	-	10,400	1,175
SUCKERS . . . . .	13,000	853	-	-	-	-
SWELLFISH . . . . .	-	-	-	-	22,000	528
TAUTOG . . . . .	-	-	-	-	122,600	11,251
TILEFISH . . . . .	-	-	-	-	40,000	3,300
TUNA, BLUEFIN . . . . .	-	-	-	-	4,000	500
WHITING . . . . .	-	-	-	-	503,000	16,140
UNCLASSIFIED:						
FOR FOOD . . . . .	-	-	-	-	550,000	40,000
OTHER . . . . .	-	-	-	-	1,800	30
CRABS, BLUE:						
HARD . . . . .	-	-	3,100	625	-	-
SOFT AND PEELERS . . . . .	-	-	700	300	-	-
LOBSTER, NORTHERN . . . . .	-	-	-	-	12,900	4,775
CONCHS . . . . .	-	-	-	-	10,000	1,100
SCALLOPS:						
BAY . . . . .	-	-	15,500	11,655	-	-
SEA . . . . .	-	-	-	-	3,000	1,450
SQUID . . . . .	-	-	-	-	621,000	47,600
TOTAL . . . . .	24,700	1,948	158,800	16,035	15,210,700	1,161,138
SPECIES	POTS		HARPOONS		DREDGES	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
EELS, COMMON . . . . .	17,500	\$3,350	-	-	-	-
SWORDFISH . . . . .	-	-	25,800	\$12,410	-	-
TAUTOG . . . . .	1,000	60	-	-	-	-
LOBSTERS, NORTHERN . . . . .	292,700	147,095	-	-	-	-
OYSTERS, MARKET:						
PRIVATE, SPRING . . . . .	-	-	-	-	179,200	\$77,109
PRIVATE, FALL . . . . .	-	-	-	-	323,000	149,237
SCALLOPS, BAY . . . . .	-	-	-	-	3,600	3,000
TOTAL . . . . .	311,200	150,505	25,800	12,410	505,800	229,346
SPECIES	TONGS		RAKES		HOES	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CLAMS, PUBLIC:						
HARD . . . . .	12,900	\$5,800	8,000	\$3,600	-	-
SOFT . . . . .	-	-	-	-	21,500	\$7,440
MUSSELS, SEA . . . . .	3,000	750	-	-	-	-
OYSTERS, MARKET:						
PUBLIC, SPRING . . . . .	3,500	1,255	-	-	-	-
PUBLIC, FALL . . . . .	8,000	2,565	-	-	-	-
SANDWORMS . . . . .	-	-	-	-	500	200
TOTAL . . . . .	27,400	10,370	8,000	3,600	22,000	7,640

LANDINGS AT CERTAIN MASSACHUSETTS PORTS <sup>3/</sup>

Because of the important role they play in the production of fishery products, detailed daily statistics have been collected and published monthly on the landings at Boston, Gloucester, New Bedford, Provincetown, Massachusetts, and other Cape Cod ports. Landings by fishing craft of all sizes at the ports named are included in the data in the following tables.

It should be noted that these figures represent actual landings which have not been converted to round weight. Therefore the data are not directly comparable to the catch figures shown in the General Review, regional tabulations, or the section entitled 'Review of Certain Major Fisheries.'

During 1948, landings of fishery products at Boston, Gloucester, New Bedford, and Cape Cod ports amounted to 573,119,518 pounds, valued at \$42,522,838 to the fisherman. This represented an increase of 21 percent in volume and 20 percent in value, compared with 1947. Gloucester resumed its position as the number one Massachusetts port with regard to volume, while Boston led in value. Gloucester landings accounted for 44 percent of the total poundage, but only 26 percent of the total value. An increase of 81 million pounds in the landings of rosefish (ocean perch) at Gloucester compared with the previous year, was the single factor responsible for Gloucester's outdistancing Boston in the volume of landings as well as resuming its former position as the leading port in the United States for landings of fish destined to be sold fresh or frozen.

The fishing fleet operating on the fishing banks of the North Atlantic and landing fares at Boston, Gloucester, New Bedford, and Cape Cod ports during 1948, numbered 1,244 craft of all sizes. Of these, 366 landed in one or more of the Cape Cod ports. There may be some duplication between the craft operating out of Cape Cod ports and those landing at other ports. The catch listed in the following tables does not represent the entire catch of these vessels, as some of them also landed fares at other New England ports, at New York City, and at more southerly ports in connection with the southern mackerel fishery and the southern trawl fishery.

Of the total landings, amounting to over 573 million pounds, 37 percent was caught by large otter trawlers; 33 percent by medium otter trawlers; 17 percent by small otter trawlers; 4 percent by purse seines; and the remaining 9 percent by other types of gear.

Rosefish accounted for 33 percent of the total landings; haddock, 23 percent; and cod, 9 percent. Rosefish showed a 77 percent increase over the previous year. The landings of rosefish from the more distant banks off Nova Scotia accounted for most of the gain in the 1948 catch of this species.

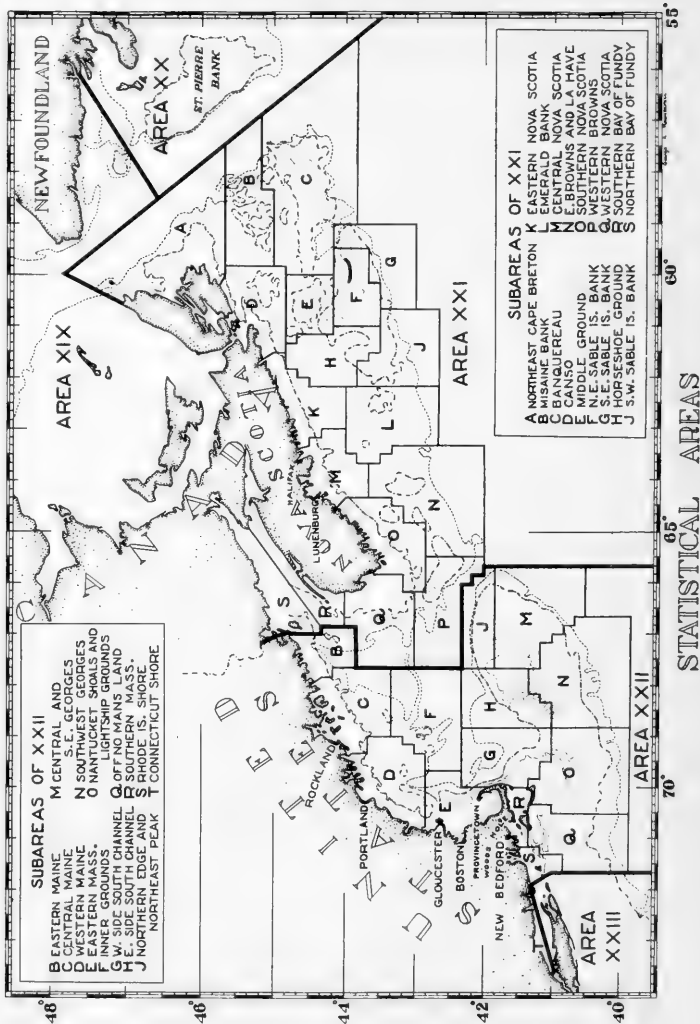
Haddock landings were 8.6 million pounds or 6 percent less than the 1947 catch.

The following tables contain detailed summary of information on the landings of fish and shellfish by fishing craft of all sizes in Boston, Gloucester, New Bedford, and Cape Cod ports. Information on the annual landings by ports was previously published in Current Fishery Statistics No. 472, while data on the landings by gear and area appeared in Current Fishery Statistics No. 506. Detailed information on the monthly landings by port and by gear and area of capture also were published in the Current Fishery Statistics series.

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<sup>3/</sup> The reader is referred to Section 13 of this document for an account of the years for which surveys of these fisheries have been made.

There is shown on the following chart the statistical areas and subareas used in reporting the catch landed at Massachusetts Ports.





LANDINGS AT CERTAIN MASSACHUSETTS PORTS

SUMMARY OF LANDINGS, 1948

SPECIES	BOSTON			GLOUCESTER			NEW BEDFORD		
	POUNDS	VALUE	AV. PRICE PER POUND	POUNDS	VALUE	AV. PRICE PER POUND	POUNDS	VALUE	AV. PRICE PER POUND
COD, DRAWN:									
LARGE . . . . .	16,418,789	\$1,321,120	8.05#	5,528,419	\$331,171	5.99#	1,492,620	\$111,603	7.48#
MARKET . . . . .	16,835,939	1,267,126	7.47	2,080,553	119,811	5.73	3,194,040	245,713	7.69
SCROD . . . . .	1,455,590	102,331	7.03	77,965	3,911	5.02	1,643,305	101,693	6.19
CUSH, DRAWN . . . . .	1,076,929	62,447	5.80	793,568	33,760	4.25	2,630	105	3.99
FLOUNDERS, ROUND:									
GRAY SOLE . . . . .	996,587	114,758	11.52	1,103,416	70,919	6.43	91,875	8,729	9.50
LEMON SOLE . . . . .	2,065,201	285,201	13.87	6,630	528	7.96	3,071,100	502,439	16.36
LITTLE FISH . . . . .	3,269,430	217,544	6.68	635,323	51,540	8.11	25,214,097	2,410,973	9.56
BLACKBACK . . . . .	1,111,995	191,206	11.17	146,118	15,031	10.29	10,454,574	1,251,509	11.97
DAB . . . . .	1,129,475	98,558	8.73	846,056	46,389	5.48	90,715	7,805	8.60
FLUKE . . . . .	100	19	19.00	-	-	-	2,035,792	423,850	20.82
HADDOCK, DRAWN:									
LARGE . . . . .	95,129,574	5,767,180	9.96	7,537,028	577,516	7.65	5,630,786	547,634	9.72
SCROD . . . . .	47,777,863	3,978,475	8.33	3,624,666	228,221	6.30	5,779,265	453,231	7.84
HADDOCK, ROUND, SCROD:	1,000	120	12.00	-	-	-	-	-	-
HAKE, ROUND . . . . .	6,525	432	6.62	76,096	1,671	2.20	4,063,935	50,439	1.24
WHITE, DRESSED:									
LARGE . . . . .	3,446,565	245,569	7.12	1,914,666	83,336	4.35	271,040	10,331	3.81
SMALL . . . . .	8,945	616	6.89	1,332,101	53,842	4.04	9,610	477	4.85
HALIBUT, DRAWN . . . . .	248,226	59,528	23.98	36,257	7,912	24.32	1,683,401	8,711	2.64
MACKEREL, ROUND . . . . .	3,472,987	256,820	7.39	19,683,270	1,037,912	52.80	1,683,401	127,068	7.60
POLLOCK, DRAWN . . . . .	17,663,169	794,043	4.49	9,032,721	326,437	3.61	374,440	14,862	3.97
ROSEFISH (O-PERCH), ROUND . . . . .	80	80	4.83	192,165	4,123	2.14	5,565	124	2.23
SCUP OR PORGY, ROUND . . . . .	11,383,271	497,627	4.37	176,800,676	7,405,740	4.19	350,102	14,258	4.07
SNORFISH, DRESSED . . . . .	303,107	152,951	50.46	42,241	21,670	51.30	873,751	26,737	3.06
WHITING, DRESSED . . . . .	11,373,121	500,003	4.40	12,826,608	595,202	4.33	164,561	80,101	48.68
WHITING, ROUND . . . . .	54,655	1,776	3.25	866,363	21,875	2.52	800	17	2.12
WOLFFISH, DRAWN . . . . .	1,168,986	108,421	9.27	177,967	3,551	20.00	58,761	3,855	4.46
SCALLOPS (MEATS) . . . . .	250,252	136,457	54.53	5,497,683	193,551	35.09	10,081,805	5,270,607	52.37
OTHER, AS LANDED . . . . .	350,998	11,949	3.61	5,497,683	193,551	3.52	812,217	89,179	10.98
TOTAL, AS LANDED . . . . .	199,980,363	16,162,503	8.09	251,113,164	11,234,871	4.47	77,571,522	11,772,568	15.18
TOTAL IN 1947, AS LANDED . . . . .	202,663,403	14,973,421	7.39	163,713,120	7,635,973	4.66	73,115,167	10,417,340	14.25

SEE FOOTNOTE AT END OF TABLE

(CONTINUED ON NEXT PAGE)

## NEW ENGLAND FISHERIES

## LANDINGS AT CERTAIN MASSACHUSETTS PORTS

## SUMMARY OF LANDINGS, 1948 - Continued

SPECIES	CAPE COD PORTS			TOTAL		
	POUNDS	VALUE	AV. PRICE PER POUND	POUNDS	VALUE	AV. PRICE PER POUND
COD, DRAINED	1,636,584	\$145,603	8.90¢	25,076,412	\$1,909,667	7.66¢
MARKET	1,039,325	81,457	7.82	2,787,882	1,371,753	6.05
SCROD	60,503	3,208	5.30	3,237,363	56,182	3.46
CUSK, DRAWN	71,960	2,289	3.18	1,945,087	56,932	4.71
FLOUNDERS, ROUND:					1,113,154	
GRAY SOLE	55,306	12,655	12.65	2,247,184	2,887,404	7.70
LEHON SOLE	118,580	16,727	14.11	5,252,625	5,700,129	12.78
YELLOWTAIL	2,319,232	245,870	10.60	31,427,142	27,064,721	8.46
YELLOWBACK	1,423,635	136,422	10.26	1,995,796	1,270,388	9.38
DAB	62,625	10,432	16.65	2,634,268	1,277,415	6.70
FLUKE	332,235	65,320	19.65	2,368,127	785,600	17.26
HADDOCK, DRAINED:						
LARGE	2,248,506	206,489	9.18	73,545,894	7,118,819	9.68
SCROD	91,700	6,884	7.51	56,673,534	4,666,911	8.23
HADDOCK, ROUND, SCROD				1,000	120	12.00
HAKE:						
WHITE, ROUND	1,391	63	4.53	4,147,947	52,605	1.27
WHITE, DRESSED:					2,232,931	
LARGE	201,330	14,972	5.14	5,923,610	354,208	5.98
SMALL	69,355	925	1.33	1,420,211	3,450	3.93
HALIBUT, DRAINED	62,608	22,525	35.98	3,775,512	98,514	26.10
MACKEREL, ROUND	1	8,973,324	10.49	33,939,511	2,356,753	6.94
POLLACK, DRAINED	456,399	19,373	4.24	27,526,735	1,153,718	4.19
POSEIDON (ROUND)	576,775	17,592	3.00	189,196,640	4,250	2.16
SCUP OR PORGY, ROUND	633,563	16,635	2.62	1,959,194	7,935,217	4.04
SWORDFISH, DRESSED	117,224	56,656	48.33	627,133	1,171,306	58.14
WHITING, DRESSED	4,642,021	155,923	3.36	28,842,550	311,388	49.65
WHITING, ROUND	12,123,939	240,364	1.98	13,103,718	1,211,145	4.20
WOLFFISH, DRAINED	193,349	13,714	7.09	1,626,317	264,535	2.02
SCALLOPS (HEATS)	1,239,868	649,401	52.38	11,638,057	135,551	8.33
OTHER, AS LANDED	57,177,503	286,020	4.65	12,357,801	6,098,988	52.40
TOTAL, AS LANDED	44,454,469	3,332,896	7.50	573,119,518	42,522,938	7.42
TOTAL IN 1947:						
AS LANDED	34,565,686	2,432,170	7.04	-	-	-
				474,057,396	35,458,904	7.48

NOTE:--THE WEIGHTS OF FRESH FISH GIVEN IN THESE STATISTICS REPRESENT THE FISH AS LANDED, AND THE VALUES ARE THOSE RECEIVED BY THE FISHERMEN. LARGE COD ARE CLASSIFIED AS THOSE WEIGHING OVER 10 POUNDS; MARKET COD, 2-1/2 TO 10 POUNDS; AND SCROD COD, 1 TO 2-1/2 POUNDS. LARGE HADDOCK ARE THOSE WEIGHING OVER 2-1/2 POUNDS, AND SCROD HADDOCK, 1 TO 2-1/2 POUNDS. LARGE HAKE ARE THOSE WEIGHING OVER 6 POUNDS, AND SMALL HAKE, UNDER THREE POUNDS. WHITING, WOLFFISH, AND SCALLOPS (HEATS) ARE CLASSIFIED BY THE CONDITION IN WHICH LANDED: "ROUND" AS CAUGHT; "DRAINED" AS DRESSED; "DRAINED AND DRESSED" AS DRAINED; "DRAINED AND DRESSED AND DRESSED" AS DRAINED AND DRESSED; AND "OTHER" AS LANDED AT THESE PORTS.

LANDINGS AT CERTAIN MASSACHUSETTS PORTS

LANDINGS AT BOSTON, 1948

SPECIES	JANUARY		FEBRUARY		MARCH		APRIL		MAY	
	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND
COD, DRAPI:										
LARGE . . . . .	780,084	14.12¢	1,791,580	10.61¢	3,310,534	6.52¢	3,845,205	5.54¢	1,570,235	6.14¢
MEDIUM . . . . .	581,565	11.57	778,225	11.48	1,497,765	7.71	1,931,075	6.53	2,960,280	6.08
MARKET . . . . .	76,450	7.92	71,635	9.50	49,760	6.37	23,515	5.16	54,865	3.28
SCROD . . . . .	217,725	9.33	453,303	8.72	573,915	6.18	743,555	5.14	68,865	5.15
CUSK, DRAWN:										
LARGE . . . . .	83,355	17.77	38,785	18.66	109,610	13.97	92,080	12.08	93,775	9.69
MEDIUM . . . . .	73,505	25.37	25,915	25.31	40,025	21.73	126,235	14.50	261,720	10.72
SMALL . . . . .	59,035	13.96	57,545	14.40	57,005	12.16	179,800	10.67	841,075	7.01
YELLOWTAIL . . . . .	76,205	21.16	73,900	19.50	80,245	15.83	80,245	12.02	99,515	9.50
BLACKBACK . . . . .	46,125	13.96	62,330	15.31	99,995	11.26	136,490	9.57	120,590	7.99
DAB . . . . .										
FLUKE . . . . .										
Haddock, DRAWN:										
LARGE . . . . .	2,963,642	13.61	4,709,200	12.14	9,427,964	8.34	7,847,105	8.11	4,870,015	9.15
MEDIUM . . . . .	1,938,060	10.97	2,391,788	10.65	3,894,320	7.30	3,660,405	7.20	2,792,595	7.91
SMALL . . . . .			1,000	12.00						
Haddock, ROUND:										
LARGE . . . . .	780	13.59	250	10.00					5	
MEDIUM . . . . .	193,450	13.95	101,315	15.58	99,082	13.39	33,833	8.36	51,965	7.06
SMALL . . . . .	7,974	31.16	3,800	17.28	34,655	28.89	58,822	26.61	36,768	21.71
HALLIBUT, DRAWN:	895	13.65	2,150	13.91	3,810	16.12	900	10.00	192,425	7.12
POLLOCK, DRAWN:	2,125,935	5.77	1,981,325	5.15	2,202,990	3.99	1,426,770	4.28	851,090	4.52
POLLOCK, ROUND:										
ROSBEEFISH (OCEAN PERCH), ROUND:	1,379,805	6.19	872,107	5.79	920,950	4.33	385,425	3.60	1,129,679	3.48
SMALL . . . . .										
SWORDFISH:										
DRESSED . . . . .	1,885	6.31	1,300	9.77	1,315	13.46	51,890	8.90	1,663,612	4.45
WHITING, DRESSED:	6,000	14.42	9,500	16.92	11,200	9.50	61,505	9.17	5,675	3.72
WHITING, ROUND:	50,525	14.42	92,682	12.92	117,574	11.12	308,198	7.53	332,063	7.79
SCALLOPS (HEATS):	10,943	68.85	21,868	65.39	10,109	66.97	23,898	57.23	35,056	47.33
OTHER, AS LANDED:	1,040	5.19	1,490	5.17	2,130	4.65	3,780	4.15	2,375	6.78
TOTAL, AS LANDED:	10,455,298	10.68	13,141,915	10.37	22,029,668	7.42	20,279,371	7.15	18,027,724	7.12
TOTAL IN 1947 AS LANDED:	12,398,140	9.26	12,335,180	8.80	20,652,147	7.62	18,563,335	6.84	18,086,836	5.97

(CONTINUED ON NEXT PAGE)

## NEW ENGLAND FISHERIES

## LANDINGS AT CERTAIN MASSACHUSETTS PORTS

LANDINGS AT BOSTON, 1948 - Continued

SPECIES	JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER	
	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND
COD, DRAWN:										
LARGE . . . . .	1,098,931	7.004	671,200	8.444	613,654	11.244	568,115	13.464	531,238	12.254
MARKET . . . . .	2,093,700	3.77	1,342,103	6.70	1,195,760	8.28	1,246,130	9.30	1,330,361	8.68
SCROD, DRAWN . . . . .	57,600	4.56	43,885	5.14	72,025	7.33	194,530	9.05	377,055	7.70
CLOWERS, DRAWN . . . . .	50,630	4.49	69,225	4.34	140,955	5.46	195,830	6.40	109,750	6.78
FLOWNERS, ROUND:										
GRAY SOLE . . . . .	89,195	8.97	183,865	5.81	77,325	11.70	65,225	12.68	39,325	13.42
LEMON SOLE . . . . .	384,795	9.59	229,700	13.32	156,900	16.91	161,740	16.97	153,740	16.39
YELLOWTAIL . . . . .	775,225	5.11	465,720	5.37	173,775	9.29	125,715	12.03	284,910	10.60
BLACKBACK . . . . .	143,285	8.09	80,630	10.34	135,175	9.22	96,120	9.22	71,335	7.94
DAB . . . . .	111,340	6.16	86,010	6.49	131,290	9.10	100	19.00	-	-
FLUKE . . . . .	-	-	-	-	-	-	-	-	-	-
HADDOCK, DRAWN:										
LARGE . . . . .	6,045,600	8.66	4,525,835	8.87	4,246,050	10.50	3,960,555	11.57	3,501,795	11.86
SCROD . . . . .	5,009,200	7.22	5,636,545	7.06	5,013,240	8.59	4,701,235	9.86	4,661,725	9.73
HADDOCK, ROUND, SCROD . . . . .	-	-	-	-	-	-	-	-	-	-
MAKE:										
RED, ROUND . . . . .	50	4.10	200	5.00	-	-	1,300	4.00	2,240	7.10
WHITE, DRESSED:										
SMALL . . . . .	159,570	5.84	251,335	5.44	414,125	6.42	580,450	7.20	414,970	7.31
MEDIUM . . . . .	440	4.09	200	3.10	385	3.12	940	4.04	1,140	3.86
HALI BUT, DRAWN . . . . .	47,661	15.07	15,824	17.84	6,638	23.91	5,074	38.18	2,859	32.38
MACKEREL, ROUND . . . . .	916,670	7.22	1,168,300	6.97	930,257	6.53	125,600	13.58	95,650	13.26
POLLOCK, DRAWN . . . . .	583,635	4.47	508,905	4.88	631,860	5.52	649,879	6.15	684,575	6.22
POLLOCK, ROUND . . . . .	4,444	3.33	3,350	3.33	1,489,449	3.81	1,426,466	4.80	846,015	4.49
ROSEFISH (OCEAN PERCH), ROUND . . . . .	375,355	2.98	57,094	61.22	149,172	45.65	77,407	49.42	19,434	60.00
SAITIN, DRESSED . . . . .	2,966,896	4.00	2,236,137	4.00	1,773,540	4.15	1,409,599	5.18	897,125	5.18
WHITING, DRESSED . . . . .	28,880	2.23	-	-	250	4.00	600	4.83	1,000	3.05
WHITING, ROUND . . . . .	151,379	9.21	50,210	10.16	20,770	11.66	5,847	13.60	6,883	12.55
WOLFFISH, DRAWN . . . . .	26,694	47.44	59,272	52.44	17,824	57.28	24,470	55.08	11,759	57.00
SCALLOPS (HEATS) . . . . .	15,461	5.14	17,457	5.41	31,088	5.83	147,368	2.61	86,147	2.67
OTHER, AS LANDED . . . . .	-	-	-	-	-	-	-	-	-	-
TOTAL, AS LANDED . . . . .	21,102,782	6.92	19,821,807	7.17	17,443,207	8.39	15,942,485	9.53	14,173,606	9.51
TOTAL IN 1947, AS LANDED . . . . .	20,442,150	5.46	19,759,168	6.14	19,713,331	6.45	17,799,375	7.87	19,664,093	8.50

(CONTINUED ON NEXT PAGE)

SPECIES	NOVEMBER		DECEMBER		TOTAL, 1946		TOTAL, 1947	
	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND
COD, DRAMM:								
MARKET . . . . .	805,130	8.91¢	871,823	9.46¢	16,418,789	9.05¢	19,702,697	6.94¢
MARKET . . . . .	1,202,635	7.29	1,230,505	7.47	16,835,939	7.47	15,397,888	6.70
MARKET . . . . .	202,635	5.50	120,505	7.80	1,075,929	5.80	365,055	5.12
MARKET . . . . .	130,170	4.47	120,625	5.97	1,076,929	5.80	378,478	5.63
CUSK, DRAMM, ROUND:								
GRAY SOLE . . . . .	62,792	12.13	61,315	13.50	996,587	11.52	1,857,320	8.94
LEMON SOLE . . . . .	332,990	11.97	109,050	16.86	2,056,315	13.87	2,676,162	11.51
YELLOWTAIL . . . . .	175,015	4.56	175,310	6.38	3,258,490	6.68	3,238,353	6.31
BLACKBACK . . . . .	376,370	7.55	97,485	11.11	1,711,995	11.17	2,298,065	10.60
FLUKE . . . . .	86,685	4.77	80,575	-	1,129,475	8.73	1,551,070	7.60
Haddock, DRAMM:								
LARGE . . . . .	3,550,738	11.04	2,482,075	12.73	58,129,574	9.96	10,247,206	8.73
SCROD . . . . .	4,841,850	8.18	2,636,360	9.03	47,177,863	8.43	37,219,525	6.49
Haddock, ROUND, SCROD . . . . .					1,000	12.00		
HAKE:								
RED, ROUND . . . . .	1,700	4.59	-	-	6,525	6.62	19,075	7.26
WHITE, DRESSED:								
WEEZE . . . . .	757,715	4.64	388,755	6.72	3,446,565	7.12	3,503,869	6.33
WEEZE . . . . .	1,400	2.93	6,533	6.89	17,552	2.51	12,685	2.51
WEEZE . . . . .	9,296	10.56	6,740	26.54	248,223	23.98	327,413	23.16
HALIBUT, DRAMM . . . . .	29,590	10.56	6,740	11.14	3,472,987	7.39	13,320,413	4.59
MACKEREL, ROUND . . . . .	3,161,750	3.62	2,894,535	3.54	17,683,169	4.39	8,030,031	4.59
POLLOCK, DRAMM . . . . .								
POLLOCK, ROUND . . . . .	758,430	3.93	700,975	4.42	11,383,271	4.32	10,526,406	2.40
ROSEFISH (OCEAN PERCH), ROUND . . . . .								
SNORFISH, DRESSED . . . . .	271,267	5.37	96,955	5.22	303,127	50.46	735,155	50.26
WHITING, ROUND . . . . .	18,280	11.56	14,550	12.08	11,373,121	4.40	10,209,687	4.25
WOLFISH, DRAMM . . . . .	8,290	11.56	14,550	12.08	154,655	3.25	21,955	4.14
SCALLOPS (MEATS) . . . . .	13,975	8.08	6,369	45.51	1,250,252	9.53	1,550,228	6.59
OTHER, AS LANDED . . . . .			6,667	7.77	1/330,998	3.81	250,103	51.02
TOTAL, AS LANDED . . . . .	16,840,913	7.41	11,721,587	8.05	199,980,363	8.09	202,663,403	7.39
TOTAL IN 1947 AS LANDED . . . . .	10,044,454	10.00	13,205,194	8.61	-	-	202,663,403	7.39

1/ THE ITEMS UNDER "OTHER AS LANDED" INCLUDE ANGLEFISH, 2,015 POUNDS, VALUED AT \$89; BUTTERFISH, 11,669 POUNDS, VALUED AT \$2,150; COMMON EELS, 85 POUNDS, VALUED AT \$3; CONGER EELS, 2,150 POUNDS, VALUED AT \$75; SEA HERRING, 206,405 POUNDS, VALUED AT \$3,644; POLAR SH, 41,505 POUNDS, VALUED AT \$1,525; SHAD, 445 POUNDS, VALUED AT \$29; SHARKS, 25,204 POUNDS, VALUED AT \$1,454; SHELTY, 1,000 POUNDS, VALUED AT \$15; STURGEON, 1,523 POUNDS, VALUED AT \$210; TUNA, 6,358 POUNDS, VALUED AT \$616; MIXED FISH, 27,770 POUNDS, VALUED AT \$1,546; PERININKLES, 300 POUNDS, VALUED AT \$21; AND SQUID, 4,310 POUNDS, VALUED AT \$343.

NOTE:--LANDINGS NOT INCLUDED IN THE ABOVE TABLE CONSISTED OF LIVERS, 250,393 POUNDS, VALUED AT \$30,147, AND SPAWN 1,087 POUNDS, VALUED AT \$268.

LANDINGS AT CERTAIN MASSACHUSETTS PORTS  
LANDINGS AT GLOUCESTER, 1948

SPECIES	JANUARY		FEBRUARY		MARCH		APRIL		MAY	
	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND
COD, DRAWN:										
LARGE . . . . .	72,600	11.02¢	163,000	9.62¢	513,484	6.14¢	883,607	5.12¢	1,197,392	5.42¢
MARKET . . . . .	62,265	10.46	99,575	9.11	231,195	6.04	300,000	4.91	237,120	5.00
SMALL . . . . .	13,080	6.41	15,135	6.52	6,105	4.59	5,080	3.78	27,870	3.20
CUSK, DRAWN . . . . .	16,350	7.08	44,510	6.35	61,110	4.94	95,990	4.28	53,612	3.92
FLOUNDERS, ROUND:										
GRAY SOLE . . . . .	29,870	10.40	63,505	9.91	91,064	7.42	137,920	6.48	152,642	5.96
LEMON SOLE . . . . .	-	-	-	-	-	-	-	-	-	-
YELLOWTAIL . . . . .	70,136	12.16	47,320	13.08	38,225	10.75	106,005	9.33	68,680	7.04
BLACKBACK . . . . .	20,170	15.16	12,325	14.90	25,485	13.19	28,510	8.74	71,125	7.00
HOCKEY . . . . .	12,455	8.99	24,670	9.38	65,370	8.43	115,940	6.40	97,307	5.46
Haddock, DRAWN:										
LARGE . . . . .	197,185	10.97	335,710	9.25	1,656,972	7.13	879,230	6.80	406,988	7.42
SMALL . . . . .	166,165	8.41	367,360	7.01	721,660	5.97	541,625	5.70	211,370	5.91
HAKE . . . . .	-	-	3,965	19.92	-	-	-	-	-	-
RED, ROUND . . . . .	-	-	-	-	-	-	-	-	-	-
WHITE, DRESSED:										
LARGE . . . . .	66,680	8.42	94,900	6.16	85,470	5.60	62,875	4.72	61,735	3.57
SMALL . . . . .	45,255	8.04	70,500	7.33	125,855	5.10	105,160	4.42	90,460	3.01
HALL BUTT, DRAWN . . . . .	20,000	23.00	863	23.87	7,706	25.59	4,403	24.80	3,998	24.61
MACKEREL, ROUND . . . . .	20	20.00	-	-	-	-	-	-	-	-
POLLOCK, DRAWN . . . . .	318,862	5.14	404,600	4.51	491,289	3.32	408,353	3.28	76,315	6.42
POLLOCK, ROUND . . . . .	70,250	3.90	4,885	2.29	12,191,140	4.51	1,600	3.00	310,621	3.07
ROSEFISH (OCEAN PERCH), ROUND . . . . .	3,615,336	6.48	7,823,443	5.74	12,191,140	4.51	13,952,657	3.79	26,063,248	3.75
SWORDFISH, DRESSED:										
WHITING, DRESSED . . . . .	7,447	6.34	2,020	4.80	3,100	5.03	27,207	5.28	541,380	4.31
WOLF FISH, DRAWN . . . . .	5,650	4.71	4,560	4.17	1,000	4.00	3,580	4.24	37,815	2.56
WOLF FISH, ROUND . . . . .	5,485	7.57	12,320	6.79	27,088	7.16	39,385	4.92	26,889	5.04
SCALLOPS (HEATS) . . . . .	52,280	6.46	109,425	5.40	142,665	4.36	209,778	2.92	18,036	47.49
OTHER, AS LANDED . . . . .	-	-	-	-	-	-	-	-	317,450	3.67
TOTAL, AS LANDED . . . . .	4,852,972	6.98	9,701,663	6.05	16,486,203	4.95	17,915,185	4.30	30,026,928	3.95
TOTAL IN 1947, AS LANDED . . . . .	1,315,274	6.96	2,422,855	6.62	5,479,441	5.59	7,792,462	5.12	10,864,217	4.29

(CONTINUED ON NEXT PAGE)

LANDINGS AT CERTAIN MASSACHUSETTS PORTS

LANDINGS AT GLOUCESTER, 1948 - Continued

SPECIES	JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER	
	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND
COD, DRANN:										
LARGE . . . . .	801,081	5.824	489,259	5.264	342,257	5.624	243,160	7.234	328,952	7.564
MARKET . . . . .	308,705	5.28	176,942	4.86	108,153	4.86	88,773	6.28	171,685	6.87
SCROD . . . . .	20,952	3.63	89,818	4.22	111,656	3.75	98,913	4.42	122,640	5.07
CUSK, DRANN . . . . .										
FLOUNDERS, ROUND:										
GRAY SOLE . . . . .	87,210	6.01	84,138	5.05	87,598	5.26	78,151	6.34	87,511	6.63
LEMON SOLE . . . . .	5,010	7.68	38,130	6.92	7,705	8.05	2,135	7.02	350	13.08
BELLCORAIL . . . . .	162,336	5.96	85,835	7.35	4,168	7.93	1,065	8.00	2,965	7.40
DAB . . . . .	88,701	4.57	66,740	4.03	79,707	4.85	58,572	4.88	95,735	5.11
-ADDOCK, DRANN:										
LARGE . . . . .	435,743	7.72	1,279,490	6.93	693,577	7.17	644,497	8.35	409,152	8.94
SCROD . . . . .	319,240	7.02	586,872	5.73	155,787	4.99	201,978	7.01	139,780	7.25
HAKE:										
RED, ROUND . . . . .	-	-	-	-	2,885	2.08	39,246	2.02	7,800	2.00
WHITE, DRESSED:										
SMALL . . . . .	69,600	3.42	188,275	3.33	176,912	3.86	187,166	4.56	420,158	4.76
MEDIUM . . . . .	62,730	3.16	106,633	3.01	136,961	3.28	123,750	3.72	128,530	4.00
SMALL . . . . .	2,502	19.62	2,687	23.52	3,434	24.08	1,424	24.86	1,559	23.22
HALIBUT, DRANN . . . . .	7,154,115	5.72	7,086,932	4.70	4,874,721	4.62	424,795	8.49	258,122	10.87
MACKEREL, DRANN . . . . .	890,979	3.35	745,852	3.33	439,208	3.65	490,254	4.28	632,156	4.69
POLLOCK, DRANN . . . . .	80,875	1.04	9,685	1.59	1,045	2.01	-	-	-	-
POLLOCK, ROUND . . . . .	13,570,865	3.10	17,292,806	3.35	23,322,696	3.88	18,304,040	5.03	18,292,834	4.70
ROSEFISH (G. PERCH), ROUND . . . . .										
SWORDFISH, DRESSED . . . . .	3,346,136	3.97	2,897,345	4.06	2,367,345	4.81	1,730,532	5.04	942,159	5.41
SWORDFISH, ROUND . . . . .	167,422	1.94	167,428	1.75	18,145	1.65	1,582	2.02	263,297	3.00
WHITING, ROUND . . . . .	23,548	4.97	19,270	4.20	2,447	4.80	1,407	4.76	8,403	5.00
WOLFFISH, DRANN . . . . .										
SCALLOPS (HEATS) . . . . .	17,208	45.99	18,180	51.54	7,227	52.68	2,037,630	3.01	609,986	3.47
OTHER, AS LANDED . . . . .	414,414	3.71	366,778	3.76	689,290	3.74	2,037,630	3.61	22,909,727	4.90
TOTAL, AS LANDED . . . . .	28,038,433	4.16	31,706,284	3.98	33,651,744	4.16	24,797,953	5.08	27,238,588	5.53
TOTAL IN 1947, AS LANDED . . . . .	15,482,531	3.52	15,608,029	3.61	28,607,059	3.71	24,238,363	4.36		

(CONTINUED ON NEXT PAGE)

## LANDINGS AT CERTAIN MASSACHUSETTS PORTS

LANDINGS AT GLOUCESTER, 1948 - Continued

SPECIES	NOVEMBER		DECEMBER		TOTAL, 1948		TOTAL, 1947	
	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND
COO, DRAWN:								
LARGE . . . . .	326,062	6.33#	167,565	6.43#	5,528,409	5.99#	6,185,158	5.27#
SMALL . . . . .	190,245	5.25	114,995	5.63	2,090,553	5.73	2,026,918	5.18
SCOD . . . . .	12,535	3.49	7,185	4.36	77,965	5.02	63,871	4.31
CUSK, DRAWN . . . . .	59,615	3.97	33,513	3.98	793,568	4.25	487,274	3.62
FLOUNDERS, ROUND:								
GRAY SOLE . . . . .	107,827	5.76	96,980	5.94	1,103,416	6.43	784,128	4.77
LEMNON SOLE . . . . .	1,100	7.54	-	-	6,630	7.06	60,300	9.06
YELLOWTAIL . . . . .	24,155	5.85	57,010	7.67	635,323	8.11	440,900	6.12
BLACKBACK . . . . .	11,255	5.54	26,220	7.69	146,118	10.29	159,623	8.01
Haddock, DRAWN:	93,659	4.57	50,200	4.90	846,056	5.48	669,678	4.75
LARGE . . . . .	389,129	8.39	229,355	9.99	7,537,028	7.66	10,033,639	7.18
SCROD . . . . .	168,028	6.21	67,595	7.15	3,654,686	6.30	2,658,477	6.05
HAKE:								
RED, ROUND . . . . .	7,415	2.01	14,785	2.95	76,096	2.20	2,890	3.39
WHITE, DRESSED:								
SMALL . . . . .	359,715	3.56	141,180	3.60	1,914,666	4.35	1,371,556	4.13
MEDIUM . . . . .	253,462	3.42	99,005	3.42	1,332,101	4.04	1,149,868	3.19
HALIBUT, DRAWN . . . . .	10,905	26.00	275	34.91	32,527	24.53	34,662	23.80
MACKEREL, ROUND . . . . .	10,905	10.54	275	14.91	19,862,207	34.23	24,540,864	31.07
POLLOCK, DRAWN . . . . .	2,564,245	3.46	1,316,218	3.17	9,012,727	3.61	5,394,864	3.70
POLLOCK, ROUND . . . . .	-	-	-	-	192,185	2.14	214,200	3.37
ROSEFISH (OCEAN PERCH), ROUND . . . . .	14,181,374	4.14	8,164,030	4.25	176,800,876	4.19	95,357,053	4.40
WINDING SH, DRESSED . . . . .	-	-	-	-	42,241	51.30	101,227	46.00
WINDING, ROUND . . . . .	681,620	5.34	250,501	5.29	12,826,008	4.33	8,609,183	4.21
WHITING, ROUND . . . . .	10,360	3.21	112,343	3.21	866,363	2.52	516,487	1.84
WOLFFISH, DRAWN . . . . .	-	-	-	-	66,132	50.39	456,081	3.92
SCALLOPS (HEATS) . . . . .	-	-	-	-	1/5,497,083	3.52	2,925,605	69.05
OTHER, AS LANDED . . . . .	393,075	3.73	155,312	3.46	1/5,497,083	3.52	2,925,605	3.46
TOTAL, AS LANDED . . . . .	19,903,593	4.23	11,112,479	4.33	251,113,164	4.47	163,713,120	4.66
TOTAL IN 1947, AS LANDED . . . . .	12,938,509	6.13	11,725,793	5.86	-	-	163,713,120	4.66

1/ THE ITEMS UNDER "OTHER, AS LANDED" INCLUDE ALEEVES, 112,000 POUNDS, VALUED AT \$1,680; BUTTERFISH, 8,724 POUNDS, VALUED AT \$1,101; SEA HERRING, 2,106,171 POUNDS, VALUED AT \$55,487; MENHADEN, 10,300 POUNDS, VALUED AT \$93; SALMON, 81 POUNDS, VALUED AT \$23; SHAD, 12,545 POUNDS, VALUED AT \$356; SHARKS, 27,498 POUNDS, VALUED AT \$1,171; SHELL, 65 POUNDS, VALUED AT \$16; STRIPED BASS, 2,598 POUNDS, VALUED AT \$40; TUNA, 36 POUNDS, VALUED AT \$7; TAUTOG, 85 POUNDS, VALUED AT \$3; TUNA, 201,902 POUNDS, VALUED AT \$13,871; MIXED FISH, 3,011,897 POUNDS, VALUED AT \$11,205; OTHER FISHES, VALUED AT \$104,857. POUNDS NOT INCLUDED IN THE ABOVE TABLE CONSISTED OF LIVERS, 1,223,238 POUNDS, VALUED AT \$99,439, AND SPINN, 101,569 POUNDS, VALUED AT \$7,206.



NEW ENGLAND FISHERIES

LANDINGS AT CERTAIN MASSACHUSETTS PORTS

LANDINGS AT NEW BEDFORD, 1948

SPECIES	JANUARY		FEBRUARY		MARCH		APRIL		MAY	
	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND
COD, DRAWN:										
LARGE . . . . .	57,435	14.02¢	333,705	10.29¢	492,305	6.68¢	374,960	5.34¢	59,075	5.01¢
MARKET . . . . .	130,715	13.97	80,195	11.97	159,445	7.95	444,470	6.37	204,100	5.28
CUSHCO DRAWN . . . . .	38,385	10.65	15,575	7.29	178,710	4.91	333,570	5.44	142,545	5.63
FLOUNDERS, ROUND, . . . . .	250	4.00	280	4.64	985	2.64	50	2.00		
GRAY SOLE . . . . .	1,340	11.27	29,400	13.79	2,705	5.73	11,345	9.18	11,455	11.16
LEMON SOLE . . . . .	167,855	26.62	86,370	26.53	19,525	19.58	207,335	15.45	400,195	11.88
YELLOWTAIL . . . . .	1,765,233	16.19	722,900	19.65	1,208,295	15.84	1,208,295	12.92	665,515	10.40
BLACKBACK, . . . . .	112,560	22.56	45,535	21.79	267,790	19.81	1,203,760	12.92	2,230,870	10.39
DAB . . . . .	1,540	12.09	8,455	13.27	14,430	10.09	13,445	8.61	2,300,200	7.36
LUMME, DRAWN: . . . . .	12,195	24.61	290,685	20.31	386,195	17.79	218,965	19.82	83,935	16.24
LARGE . . . . .	439,230	13.75	420,140	13.78	533,735	8.95	670,335	7.69	830,280	8.33
SCROD . . . . .	241,410	11.50	277,790	12.57	286,350	7.52	525,010	6.47	551,175	7.04
HAKE: . . . . .										
RED, DRESSED: . . . . .	50	6.00	2,085	7.43	630	6.98	397,967	1.06	629,615	1.01
WHITE, DRESSED: . . . . .										
LARGE . . . . .	5,030	6.14	11,080	9.91	8,460	9.67	22,580	5.12	37,400	4.67
SMALL . . . . .										
HALL, DRAWN . . . . .	941	26.27	1,760	26.52	2,197	25.03	16,760	28.76	4,995	4.95
MACHEREL, . . . . .	140	13.57	200	15.00	107,805	16.30	1,690	14.67	5,079	20.22
POLLOCK, DRAWN . . . . .	21,193	5.63	38,535	6.52	78,215	3.85	155,465	3.56	1,020,410	7.36
POLLOCK, ROUND . . . . .										
ROSEFISH (O-PERCH), ROUND, . . . . .	30,614	5.22	400	3.00	5,180	2.51			47,095	3.28
SCUP OR PORGY, ROUND . . . . .	1,480	15.00							5,875	2.24
SHORDFISH, DRESSED . . . . .										
WHITING, DRESSED . . . . .										
WHITING, ROUND . . . . .	220	4.09	2,495	5.17						
WOLFFISH, . . . . .	210,200	9.79	413,722	65.07	496,114	63.69	848,230	56.03	28,625	4.08
SCALLOPS (MEATS) . . . . .	11,025	19.70	135,143	10.50	348,090	13.42	88,500	9.18	966,252	46.23
OTHER, AS LANDED . . . . .									46,230	6.41
TOTAL, AS LANDED, . . . . .	3,248,982	19.41	2,916,452	22.81	4,624,951	17.72	6,433,762	15.43	7,998,076	12.96
TOTAL IN 1947, AS LANDED, . . . . .	3,293,994	14.23	358,195	15.30	4,735,856	15.06	5,696,782	14.37	8,965,619	10.97

(CONTINUED ON NEXT PAGE)

NEW ENGLAND FISHERIES

LANDINGS AT CERTAIN MASSACHUSETTS PORTS

LANDINGS AT NEW BEDFORD, 1948 - Continued

SPECIES	JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER	
	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND
COD, DRAWN:										
LARGE . . . . .	20,345	5.76½	32,540	6.49½	6,775	9.74½	3,540	8.93½	37,265	9.05½
MEDIUM . . . . .	138,665	6.99	347,425	6.53	169,180	9.39	266,407	9.68	650,788	7.55
SCROD . . . . .	100,960	5.75	264,975	5.29	134,105	7.69	159,210	8.63	146,900	7.31
CUSK, DRAWN . . . . .	-	-	55	1.82	-	-	835	5.99	-	-
FLOUNDER, ROUND:										
GRAY SOLE . . . . .	10,010	8.11	7,815	4.22	4,815	5.94	4,045	4.80	4,045	4.57
LEMON SOLE . . . . .	330,695	11.18	280,285	14.46	329,480	17.66	281,970	18.94	256,735	17.34
YELLOWTAIL . . . . .	1,770,370	6.85	3,957,965	7.35	3,660,980	8.90	3,744,635	9.20	3,665,935	12.45
BLACKBACK . . . . .	1,257,960	5.76	1,261,010	11.99	950,080	13.68	714,595	12.24	678,815	12.45
FLAKE . . . . .	15,525	5.76	2,610	3.49	8,080	13.00	7,145	12.45	4,410	4.63
Haddock, DRAWN:	111,875	19.22	158,330	22.81	373,107	23.83	235,743	24.36	109,387	18.91
LARGE . . . . .	753,995	7.98	560,745	8.34	168,515	11.09	145,675	11.75	341,005	11.68
SCROD . . . . .	834,730	6.71	874,115	6.61	319,265	8.26	303,460	9.72	545,975	9.38
Haddock, ROUND, SCROD . . . . .	-	-	-	-	-	-	-	-	-	-
HAKE:										
MEDIUM, ROUND . . . . .	111,150	1.06	95,985	1.02	368,000	1.00	917,094	1.31	727,920	1.38
MEDIUM, DRESSED . . . . .	-	-	-	-	-	-	-	-	-	-
LARGE . . . . .	28,630	3.54	15,285	3.14	3,970	4.10	1,830	4.86	7,705	4.68
SMALL . . . . .	5,160	4.11	1,055	3.03	60	6.67	350	4.28	-	-
HALIBUT, DRAWN . . . . .	3,386	17.42	2,733	18.04	159	20.12	-	50	25,230	14.95
MACKEREL, ROUND . . . . .	286,465	6.95	230,700	4.60	8,780	5.81	780	8.00	4,160	3.46
POLLOCK, DRAWN . . . . .	2,655	2.79	7,050	2.80	3,900	3.41	4,425	2.59	-	-
POLLOCK, ROUND . . . . .	315	1.90	6,100	2.53	259	3.20	-	-	-	-
SCUP OR FOGGY, ROUND . . . . .	617,335	2.59	127,925	2.95	50,291	6.05	73,430	4.86	305,968	4.02
SNORFISH, DRESSED . . . . .	-	-	21,223	63.24	77,989	44.80	60,231	48.18	1,060	53.07
WHITING, DRESSED . . . . .	-	-	-	-	-	-	-	-	5,118	12.78
WHITING, ROUND . . . . .	58,761	1.56	5,630	2.67	740	3.51	10	2.72	20	-
WOLFFISH, DRAWN . . . . .	6,485	2.78	1,462,755	51.01	1,276,450	56.14	1,227,210	53.58	906,582	52.50
SCALLOPS (HEATS) . . . . .	1,234,035	46.33	25,173	7.47	13,374	74.04	15,666	6.16	17,335	5.24
OTHER, AS LANDED . . . . .	40,102	5.50	-	-	-	-	-	-	-	-
TOTAL, AS LANDED . . . . .	8,359,109	13.22	8,853,908	15.39	7,844,141	18.35	7,916,538	16.95	8,460,953	12.78
TOTAL IN 1947, AS LANDED . . . . .	7,941,355	11.04	7,779,988	13.24	6,281,454	15.84	8,123,812	13.99	9,095,168	17.23

(CONTINUED ON NEXT PAGE)

LANDINGS AT CERTAIN MASSACHUSETTS PORTS

LANDINGS AT NEW BEDFORD, 1948 - Continued

SPECIES	NOVEMBER		DECEMBER		TOTAL, 1948		TOTAL, 1947	
	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND
COD, DRAWN:								
LARGE . . . . .	35,735	6.43½	38,060	8.43½	1,482,620	7.48½	1,485,630	6.58½
MARKET . . . . .	325,110	5.60	279,540	7.43	3,492,620	7.19	2,126,323	7.59
SCROD . . . . .	97,035	5.26	61,325	6.75	1,643,305	6.91	211,985	6.38
CUSK, DRAWN . . . . .	-	-	175	2.29	2,630	3.99	985	4.68
FLOUNDER, ROUND:								
LIGHT SOLE . . . . .	2,320	3.53	2,980	6.24	91,875	9.50	65,020	4.63
YELLOWTAIL . . . . .	400,595	13.87	262,975	20.28	3,071,100	16.36	2,706,101	14.04
BLACKTAIL . . . . .	2,000	6.51	1,609,690	10.37	25,211,097	9.56	20,821,626	8.92
DAB . . . . .	7,900	14.97	4,805	14.97	10,456,574	11.97	9,648,641	9.33
FLUKE . . . . .	4,260	5.33	24,880	8.60	133,391	8.60	133,391	6.56
Haddock, DRAWN:	30,565	21.28	24,880	19.73	2,035,792	20.82	1,123,518	17.68
LARGE . . . . .	455,840	9.21	311,291	11.64	5,630,786	9.72	10,285,657	8.20
SCROD . . . . .	717,465	6.80	322,520	8.72	5,779,265	7.84	5,091,320	6.12
HAKE:								
RED, ROUND . . . . .	737,112	1.41	136,327	1.41	4,063,935	1.24	2,205,836	1.25
WHITE, DRESSED:								
LARGE . . . . .	114,175	2.24	14,895	3.65	271,040	3.81	311,765	3.00
SMALL . . . . .	1,230	5.61	1,406	19.13	34,421	4.21	2,760	2.13
HALIBUT, DRAWN . . . . .	1,895	4.96	35	8.57	1,683,400	7.60	4,455,658	4.46
PICKEREL, ROUND . . . . .	5,955	2.62	2,970	4.48	374,440	3.97	122,920	3.80
POLLOCK, ROUND . . . . .	-	-	1,840	2.99	350,702	4.07	497,596	2.91
ROSEFISH (OCEAN PERCH), ROUND . . . . .	-	-	275	7.64	167,751	3.06	99,825	5.91
SCUP OR PORGY, ROUND . . . . .	-	-	-	-	18,751	4.19	194,969	49.25
SWORDFISH, DRESSED . . . . .	-	-	-	-	800	2.15	1,732	1.72
WHITING, DRESSED . . . . .	-	-	-	-	58,761	1.56	281,802	1.74
WHITING, ROUND . . . . .	-	-	-	-	86,115	4.45	47,950	2.70
SCALLOP (DRAWN) . . . . .	456,619	44.69	581,590	43.36	10,081,805	52.37	10,675,106	49.10
SCALLOP (CRAWL) . . . . .	11,460	7.98	60,995	11.97	7,815,217	10.98	340,123	7.47
OTHER, AS LANDED . . . . .	-	-	4,190,704	15.53	77,571,522	15.18	73,115,187	14.25
TOTAL, AS LANDED . . . . .	6,725,846	9.61	4,190,704	15.53	77,571,522	15.18	73,115,187	14.25
TOTAL IN 1947, AS LANDED . . . . .	5,769,042	15.39	5,083,922	17.46	-	-	73,115,187	14.25

1/ THE ITEMS UNDER "OTHER, AS LANDED" INCLUDE ANGLERFISH, 30 POUNDS, VALUED AT \$2; BUTTERFISH, 487,311 POUNDS, VALUED AT \$67,132; CONGER EELS, 7,130 POUNDS, VALUED AT \$100; OCEAN POUT, 4,375 POUNDS, VALUED AT \$131; RAJAFISH, 1,055 POUNDS, VALUED AT \$105; SEA BASS, 15,545 POUNDS, VALUED AT \$1,138; SEA TROUT OR HAKE, 1,700 POUNDS, VALUED AT \$5; SHARKS, 835 POUNDS, VALUED AT \$45; STURGEON, 3,593 POUNDS, VALUED AT \$370; TAUTOG, 4,980 POUNDS, VALUED AT \$194; TILLEFISH, 226,805 POUNDS, VALUED AT \$17,003; MIXED FISH, 16,900 POUNDS, VALUED AT \$739; LOBSTERS, 403 POUNDS, VALUED AT \$38; AND SQUID, 43,180 POUNDS, VALUED AT \$1,857.  
NOTE: 1--LANDINGS IN THE ABOVE TABLE CONSISTED OF LIVERS, 257,514 POUNDS, VALUED AT \$22,431, AND SPANX, 32,910 POUNDS, VALUED AT \$2,362.

## LANDINGS AT CERTAIN MASSACHUSETTS PORTS

LANDINGS AT CAPE COD PORTS, 1947 1/2

SPECIES	JANUARY		FEBRUARY		MARCH		APRIL		MAY	
	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND
COD, DRAWN:										
LARGE . . . . .	135,178	13.33¢	113,577	11.29¢	132,050	10.21¢	239,299	6.00¢	125,531	5.52¢
MARKET . . . . .	135,740	12.85	106,667	10.41	99,220	8.57	881,803	5.21	59,634	5.42
SCROD . . . . .	4,962	8.42	5,899	8.05	12,080	4.33	17,090	4.10	5,902	4.44
CUSH, DRAWN . . . . .	325	7.38	489	7.36	1,483	8.28	516	2.52	4,719	2.48
FLUKE, ROUND:										
CRAY SOLE . . . . .	1,025	19.32	12,250	17.27	1,509	13.98	6,775	12.58	2,660	11.20
LEMON SOLE . . . . .	2,695	23.93	12,753	23.15	1,024	18.98	7,074	13.39	5,762	9.41
YELLOWTAIL . . . . .	205,246	14.60	376,707	16.32	247,556	14.21	187,854	13.97	295,260	8.29
BLACKBACK . . . . .	24,295	20.03	11,240	20.42	46,320	16.82	275,781	10.37	29,750	6.98
DAB . . . . .	1,776	13.18	25,590	13.34	3,354	10.85	3,430	9.04	1,511	6.68
FLUKE . . . . .	9	2.22	53,620	20.27	56,730	16.66	31,368	18.13	9,314	15.45
HADDOCK, DRAWN:										
Haddock . . . . .	72,731	13.30	32,094	12.47	158,189	9.49	153,792	7.51	47,124	8.98
SCROD . . . . .	1,540	10.58	4,850	11.61	16,015	6.04	11,215	5.80	5,085	7.69
HAKE:										
RED, ROUND . . . . .	-	-	-	-	5	-	440	5.00	200	3.50
WHITE, DRESSED:										
LARGE . . . . .	2,684	9.50	1,553	9.01	1,895	8.60	9,480	6.26	5,458	4.43
SMALL . . . . .	-	-	-	-	160	10.00	-	-	-	-
HALL, DRAWN . . . . .	158	44.94	1,322	44.93	11,207	42.26	19,794	35.63	13,797	32.67
MACHRETT, DRAWN . . . . .	11,312	5.65	5,271	5.12	7,855	4.60	385	14.02	57,577	11.52
POLLOCK, DRAWN . . . . .	1,565	5.81	1,440	5.00	8,690	4.04	35,486	3.36	154,637	4.78
ROSEFISH (O. PERCH), ROUND . . . . .	-	-	-	-	-	-	580	4.48	-	-
SCUP OR PORGY, ROUND . . . . .	-	-	-	-	-	-	-	-	81,143	2.27
SWORDFISH, DRESSED . . . . .	-	-	-	-	-	-	-	-	1,400	3.07
WHITING, DRESSED . . . . .	-	-	-	-	550	2.00	377,640	2.00	479,300	3.51
WHITING, ROUND . . . . .	4,932	11.36	10,638	10.20	50,688	8.70	69,521	5.69	1,207,995	2.00
SCALLOPS (MEATS) . . . . .	35,205	31.97	31,977	65.49	60,965	61.82	77,931	58.33	28,680	6.42
OTHER, AS LANDED . . . . .	25,205	31.97	49,468	5.79	46,350	4.95	370,255	3.29	155,573	46.95
TOTAL, AS LANDED . . . . .	668,099	15.97	877,628	17.22	963,245	14.71	1,986,865	8.73	3,900,288	5.66
TOTAL IN 1947, AS LANDED . . . . .	961,700	9.14	857,959	20.88	1,138,123	11.82	1,587,607	11.70	2,613,206	6.95

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS AT CERTAIN MASSACHUSETTS PORTS  
LANDINGS AT CAPE COD PORTS, 1948 - Continued

SPECIES	JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER	
	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND
COO, DRAWN:										
LARGE . . . . .	217,258	6.49 <sup>f</sup>	145,435	7.45 <sup>f</sup>	138,488	10.02 <sup>f</sup>	103,297	11.74 <sup>f</sup>	61,878	11.67 <sup>f</sup>
MARKET . . . . .	55,271	5.42	77,009	4.94 <sup>f</sup>	73,595	6.10	80,160	7.28	6,778	6.77
SCROD . . . . .	1,505	4.58	2,915	6.07	1,555	7.33	965	8.08	2,215	8.44
CUSK, DRAWN . . . . .	17,224	2.65	3,661	2.43	6,312	5.28	17,162	3.75	7,736	3.52
FLOUNDERS, ROUND:										
* GRAY SOLE . . . . .	7,885	7.19	5,810	7.80	10,542	14.79	2,615	8.95	2,255	14.54
GREEN MON . . . . .	9,067	17.04	9,067	17.04	97,280	17.96	22,885	13.26	22,198	13.98
YELLOW TAIL . . . . .	63,601	6.17	9,321	9.31	77,750	7.24	379,526	8.00	289,616	6.57
BLACKBACK . . . . .	151,867	6.95	69,936	9.31	2,095	11.28	9,798	11.28	106,445	9.20
DAB . . . . .	6,088	4.78	2,277	6.28	2,006	10.36	31,928	8.21	10,451	8.21
FLUKE . . . . .	35,922	17.79	55,581	23.28	41,184	20.48	31,928	21.71	101,367	18.08
HADDOCK, DRAWN:										
LARGE . . . . .	213,320	7.93	392,295	7.44	532,484	8.31	303,337	10.44	267,843	11.17
BLACK COD . . . . .	10,775	6.22	15,720	6.91	1,830	7.92	2,615	9.22	17,790	9.21
HAKE:										
RED, ROUND . . . . .	260	2.31	76	3.95	255	5.88	70	8.57	85	4.70
WHITE, DRESSED:										
LARGE . . . . .	46,289	4.36	21,684	3.70	59,217	3.43	27,555	6.65	74,682	6.62
SMALL . . . . .	1,630	3.01	2,265	3.02	-	-	65,240	1.18	1,184	9.96
HALLIBUT, DRAWN . . . . .	1,900	25.37	3,639	29.73	2,098	32.12	4,090	36.33	3,650	40.03
MACKEREL, ROUND . . . . .	2,442,358	11.17	3,649,355	9.93	2,084,444	9.97	374,988	11.91	147,208	14.27
ROSEFINCH (BROWN), ROUND . . . . .	40,334	3.73	27,558	4.00	17,156	5.23	14,919	5.42	11,658	5.79
SCUP OR PORKEY, ROUND . . . . .	42,000	3.77	111,870	2.90	19,625	3.26	4,935	4.07	4,935	4.07
SCUP OR PORKEY, DRESSED . . . . .	40,596	2.26	23,796	6.48	19,693	4.66	11,681	6.56	12,568	8.27
SWORDFISH, DRESSED . . . . .	1,956,220	3.38	1,074,020	3.33	736,500	3.21	384,351	45.99	3,091	50.53
WHITING, DRESSED . . . . .	3,492,445	2.00	2,400,633	1.90	3,271	3.21	1,319,340	1.96	3,091	2.00
WHITING, ROUND . . . . .	14,929	5.99	4,451	5.82	1,041	7.99	3,788	7.23	1,795	7.41
WOLFFISH, DRAWN . . . . .	202,079	46.29	202,315	51.38	131,410	56.58	83,062	53.82	85,421	58.15
SCALLOPS (MEATS) . . . . .	784,276	5.02	388,866	7.94	690,500	7.83	1,389,757	3.70	380,963	4.95
OTHER, AS LANDED . . . . .										
TOTAL, AS LANDED . . . . .	10,662,123	5.90	8,746,846	7.65	6,261,623	8.04	4,785,088	6.44	2,969,829	6.96
TOTAL IN 1947, AS LANDED . . . . .	7,214,899	4.40	5,497,771	5.36	4,564,252	6.32	3,215,064	7.26	3,693,423	7.37

(CONTINUED ON NEXT PAGE)

SEE FOOTNOTES AT END OF TABLE.

LANDINGS AT CERTAIN MASSACHUSETTS PORTS  
LANDINGS AT CAPE COD PORTS, 1948 - Continue.

SPECIES	NOVEMBER		DECEMBER		TOTAL, 1948		TOTAL, 1947	
	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND
COD, DRAINED	96,905	8.00 <sup>f</sup>	126,688	10.31 <sup>f</sup>	1,636,584	8.90 <sup>d</sup>	1,948,392	8.40 <sup>d</sup>
LARGE	85,872	5.46	127,024	7.31	1,069,325	7.62	1,037,656	6.62
MARKET	1,975	4.66	3,440	4.5	90,560	3.10	2,113	2.13
SCROD	11,798	1.99	1,355	1.60	71,960	3.16	57,417	2.63
COD, DRAINED								
FLONDERS, ROUND								
LEMON SOLE	1,510	9.81	270	11.11	55,306	12.65	181,683	8.81
LEMON SOLE	23,177	9.99	9,154	12.36	118,580	14.11	257,396	13.50
YELLOWTAIL	182,034	6.23	137,968	8.99	2,319,232	10.60	2,583,842	7.88
BLACKBACK	194,825	7.41	82,203	10.74	1,425,255	9.68	1,560,050	8.04
DAB	1,611	4.96	8,486	8.86	62,665	10.25	280,069	6.38
FLUKE	3,702	22.07	2,490	15.86	32,125	19.66	359,947	15.84
HADDOCK, DRAINED	58,385	10.54	57,012	12.16	2,248,506	9.19	2,862,698	8.01
SCROD	3,180	7.92	1,085	10.88	91,700	7.51	368,653	5.79
HADDOCK, ROUND, SCROD								
HAKE								
RED, ROUND					1,391		5,130	2.55
WHITE, DRESSED								
LARGE	30,580	4.72	11,292	5.62	291,330	5.14	518,388	4.14
SMALL	1,570	3.32	363	40.77	62,608	1.33	12,601	3.18
HALLIBUT, DRAINED	140,122	12.67	62	12.90	8,697,324	35.98	12,601	33.25
MACKEREL, ROUND	68,227	3.38	61,686	3.43	456,399	10.49	2,579,678	6.20
POLLOCK, DRAINED	2,745	3.72	7	5.16	516,775	4.24	533,891	4.56
ROSEFISH(OCEAN PERCH), ROUND								
SCUP OR PORGY, ROUND								
SCUP OR PORGY, DRESSED								
SPORFISH, DRESSED								
WHITING, DRESSED	311,114	2.32	169,245	3.00	4,172,254	46.33	3,172,935	50.27
WHITING, ROUND	80,508	6.03	797	7.53	12,123,930	1.98	10,836,012	1.97
WOLFFISH, DRAWN					193,349	7.09	222,927	4.06
SCALLOPS (HEATS)	443,593	45.34	76,341	43.50	1,239,868	52.38	1,454,921	49.07
OTHER, AS LANDED		3.23	46,951	4.92	2,571,753	4.65	2,690,019	4.02
TOTAL, AS LANDED	1,734,869	7.40	977,946	10.37	44,454,469	7.50	34,585,686	7.04
TOTAL IN 1947, AS LANDED	2,255,322	6.74	966,360	10.87			34,585,686	7.04

<sup>1/2</sup> REPRESENTS THE CATCH LANDED AT PROVINCETOWN, WOODS HOLE, CHATHAM, HYANNIS, HARCWICH PORT, AND OTHER CAPE COD PORTS EAST OF BUZZARDS BAY. THE ITEMS UNDER "OTHER, AS LANDED" INCLUDE ANGLERFISH, 6,314 POUNDS, VALUED AT \$146; BLUEFISH, 7030 POUNDS, VALUED AT \$255; BONITO, 2,292 POUNDS, VALUED AT \$242; BUTTERFISH, 127,739 POUNDS, VALUED AT \$19,973; CUNNER (PERCH), 2,505 POUNDS, VALUED AT \$50; CONGER EELS, 3,728 POUNDS, VALUED AT \$234; FRIGATE MACKEREL, 6,654 POUNDS, VALUED AT \$173; GRAYFISH, 24,013 POUNDS, VALUED AT \$257; SEA HERRING, 2,047,469 POUNDS, VALUED AT \$412; SEA HERRING, 12,775 POUNDS, VALUED AT \$394; SHALLOT, 86 POUNDS, VALUED AT \$294; SMAI, 7,364 POUNDS, VALUED AT \$1,718; SHARKS - 4,953 POUNDS, VALUED AT \$454; STRIPED BASS, 1,233 POUNDS, VALUED AT \$193; STURGEON, 1,920 POUNDS, VALUED AT \$370; TAUOT, 5,876 POUNDS, VALUED AT \$309; TILEFISH, 23,930 POUNDS, VALUED AT \$2,051; TUNA, 1,418,677 POUNDS, VALUED AT \$121,410; MIXED FISH, 359,991 POUNDS, VALUED AT \$14,535; AND SCUD, 660,994 POUNDS, VALUED AT \$33,436.

NOTE: --LANDINGS NOT INCLUDED IN THE ABOVE TABLE CONSISTED OF LIVERS, 6,932 POUNDS, VALUED AT \$1,113, AND SPRAWN, 13,737 POUNDS, VALUED AT \$1,064.

LANDINGS AT CERTAIN MASSACHUSETTS PORTS

SUMMARY OF FISHERY: BY GEAR AND SUBAREA, 1948

NEW ENGLAND FISHERIES

GEAR AND SUBAREA	CRAFT FISHING NUMBER	TRIPS NUMBER	DAYS ABSENT NUMBER	COD, DRAWN		CUSK, DRAIN POUNDS	FLOUNDERS, ROUND		BLACKBACK POUNDS
				LARGE POUNDS	MARKET POUNDS		LEMON SOLE POUNDS	YELLOWTAIL POUNDS	
LINE TRAWLS:									
MIDDLE GROUND, . . . . .	1	0.3	3	2,240	25,920	-	-	-	-
EMERALD BANK, . . . . .	1	0.2	3	-	1,500	-	-	-	-
E. BROWNS AND LA HAVE, . . . . .	3	7.4	7	38,250	41,200	33,725	-	-	-
SOUTHERN NOVA SCOTIA, . . . . .	2	0.9	7	1,600	1,000	120	-	-	-
WESTERN BROWNS, . . . . .	2	16.6	135	141,630	138,580	58,025	-	-	-
WESTERN NOVA SCOTIA, . . . . .	1	0.4	3	-	1,400	-	-	-	-
WESTERN MAINE, . . . . .	12	309.0	365	377,023	127,890	39,820	-	-	-
EASTERN MASSACHUSETTS, . . . . .	74	1,661.0	1,667	1,107,031	628,625	154,870	-	-	-
WESTERN MASSACHUSETTS, . . . . .	15	30.7	48	67,205	39,585	78,345	-	-	-
WESTERN SIDE OF SOUTH CHANNEL, . . . . .	1	1.7	42	178,130	79,520	10,220	-	-	-
NORTHERN EDGE OF GEORGES, . . . . .	2	1.7	4	62,400	14,500	-	-	-	-
CENTRAL AND S.E. GEORGES, . . . . .	1	0.9	10	10,800	13,000	-	-	-	-
S. NEW ENGLAND, UNCLASSIFIED, . . . . .	1	1.0	10	1,314,641	529,101	71,170	-	-	-
CAPE COD 1/2, . . . . .	53	5,288.0	5,288	3,434,730	1,729,441	201,545	71,112	8,001	16,697
TOTAL, . . . . .	2/131	7,340.0	7,735	271,415	29,693	640	-	-	245
HAND LINES:									
EASTERN MASSACHUSETTS, . . . . .	123	949.0	949	43,056	60,372	-	273	3	11,365
CAPE COD 1/2, . . . . .	57	796.0	796	-	-	-	-	-	-
TOTAL, . . . . .	180	1,745.0	1,745	314,471	90,065	640	273	3	11,610
HARPOONS:									
NORTHEAST CAPE BRETON, . . . . .	1	0.2	4	-	-	-	-	-	-
WESTERN MASSACHUSETTS, . . . . .	6	125.7	66	-	-	-	-	-	-
EASTERN MASSACHUSETTS, . . . . .	26	92.1	11	-	-	-	-	-	-
WESTERN SIDE SOUTH CHANNEL, . . . . .	1	0.5	11	-	-	-	-	-	-
EASTERN SIDE SOUTH CHANNEL, . . . . .	3	2.4	33	-	-	-	-	-	-
NORTHERN EDGE OF GEORGES, . . . . .	10	11.0	201	-	-	-	-	-	-
CENTRAL AND S.E. GEORGES, . . . . .	10	9.7	170	-	-	-	-	-	-
SOUTHWEST GEORGES, . . . . .	3	1.9	35	-	-	-	-	-	-
NANTUCKET SHOALS & LIGHTSHIP, . . . . .	14	35.0	163	-	-	-	-	-	-
WESTERN MASSACHUSETTS, . . . . .	9	24.1	119	-	-	-	-	-	-
SOUTHERN MASSACHUSETTS, . . . . .	7	8.0	40	-	-	-	-	-	-
S. NEW ENGLAND, UNCLASSIFIED, . . . . .	7	51.0	51	-	-	-	-	-	-
CAPE COD 1/2, . . . . .	21	51.0	51	-	-	-	-	-	-
TOTAL, . . . . .	2/74	273.0	1,042	-	-	-	-	-	-
OTTER TRAWLS, LARGE:									
EMERALD BANK, . . . . .	9	9.5	95	30,520	35,925	-	-	-	-
NORTHEAST CAPE BRETON, . . . . .	26	94.8	959	121,382	195,240	501	125	16,700	-
MUSKIE BANK, . . . . .	34	150.9	1,462	1,053,059	2,985,803	4,329	-	2,600	-
BANQUEREAU, . . . . .	52	150.9	1,462	89,595	89,595	9,300	-	918,891	-
CANSO BANK, . . . . .	27	27.4	609	71,391	64,851	9,273	-	-	-
MIDDLE GROUND, . . . . .	24	18.4	207	172,361	340,152	1,502	-	199,300	-
N.E. SABLE ISLAND BANK, . . . . .	37	55.1	502	330,541	618,380	1,800	10,925	786,344	3,900
S.E. SABLE ISLAND BANK, . . . . .	16	12.0	119	11,070	10,596	350	-	450	-
HORSESHOE GROUND, . . . . .	46	78.4	783	513,008	653,200	14,860	1,850	239,140	350

(CONTINUED ON NEXT PAGE)

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## NEW ENGLAND FISHERIES

## LANDINGS AT CERTAIN MASSACHUSETTS PORTS

SUMMARY OF FISHERY: BY GEAR AND SUBAREA, 1948 - Continued

GEAR AND SUBAREA	CRAFT FISHING NUMBER	TRIPS NUMBER	DAYS ABSENT NUMBER	LARGE			COD, DRAMM			CUSH, DRAWM POUNDS	FLOUNDER, ROUND			BLACKBACK POUNDS
				LARGE POUNDS	MARKET POUNDS	SCROD POUNDS	GRAY SOLE POUNDS	LEMON SOLE POUNDS	YELLOWTAIL POUNDS					
OTTER TRAWLS, LARGE - CONTINUED:														
S.V. SABLE ISLAND BANK	36	35.5	340	902,056	646,979	1,400	1,355	7,883	165	18,235	-	-	-	
EASTERN NOVA SCOTIA	10	3-9	3,615	4,785	4,785	-	1,031	1,360	-	-	-	-	-	
HERALD BANK	95	67.1	653	1,512,063	1,032,785	4,950	2,109	5,098	985	36,615	-	-	-	
CENTRAL NOVA SCOTIA	60	68.7	731	351,977	265,713	3,400	22,340	10,015	2,680	2,300	-	-	-	
SOUTHERN NOVA SCOTIA	26	21.5	192	148,778	53,720	1,100	11,871	5,709	2,000	2,275	-	-	-	
WESTERN BROWNS	50	94.3	827	872,522	456,475	13,980	26,212	12,359	13,615	20,775	-	-	-	
WESTERN NOVA SCOTIA, UNCLASSIFIED	3	1-0	9	16,100	-	-	1,790	-	-	-	-	-	-	
EASTERN MAINE	12	1-0	11	7,800	1,700	-	2,988	1,577	100	1,375	-	-	-	
EASTERN MASSACHUSETTS	11	1-0	11	9,142	1,698	-	2,988	1,577	177,300	1,375	-	-	-	
MUSKIE BANK	20	32.8	289	36,395	12,931	-	7,695	3,699	17,300	5,420	-	-	-	
WESTERN SIDE SOUTH CHANNEL	56	123.7	968	503,235	460,681	375	27,431	16,938	8,830	18,420	-	-	-	
EASTERN SIDE SOUTH CHANNEL	62	155.7	1,235	409,620	373,389	114,320	171,951	51,185	79,382	13,415	-	-	-	
NORTHERN EDGE OF GEORGES	57	492.8	3,815	4,286,668	4,901,452	501,300	54,275	68,652	307,003	90,195	-	-	-	
CENTRAL AND S.E. GEORGES	53	168.4	1,389	1,780,087	690,413	46,000	8,850	12,500	24,820	562,097	-	-	-	
SOUTHWEST GEORGES & LNTSHIP	28	28.2	207	40,400	48,030	46,420	50	800	320,450	86,440	-	-	-	
S.V. SABLE ISLAND BANK	13	13.4	91	9,145	48,030	63,785	-	-	72,698	287,450	-	-	-	
OFF NOVA SCOTIA	49	130.2	1,071	555,330	813,885	82,535	7,550	25,260	197,520	187,548	-	-	-	
S.V. SABLE ISLAND BANK, UNCLASSIFIED	1	1-0	1	-	-	10	-	-	-	-	-	-	-	
CAPE COD 1/2	2/85	1,955-0	17,055	13,885,435	14,694,751	1,008,315	254,517	666,199	1,621,930	3,078,663	-	-	-	
TOTAL														
OTTER TRAWLS, MEDIUM:														
ST. PIERRE BANK	4	5-0	55	38,300	2,700	-	-	3,505	-	1,600	-	-	-	
CAPE BRETON	26	51.5	512	28,603	9,236	-	457	6,503	-	930	-	-	-	
MUSKIE BANK	17	20.4	214	25,229	12,186	-	187	2,040	-	-	-	-	-	
BANQUEAU	45	108.7	1,031	114,977	98,295	125	3,107	76,116	2,215	155,697	-	-	-	
CANSO BANK	30	60.6	602	52,706	15,727	115	3,971	30,323	-	2,170	-	-	-	
MIDDLE GROUND	17	12.8	118	28,704	11,580	-	1,283	5,945	-	579	-	-	-	
N.E. SABLE ISLAND BANK	7	5-9	54	15,061	20,255	-	42	-	2,710	-	-	-	-	
S.E. SABLE ISLAND BANK	15	18.5	202	28,487	34,580	-	52	-	548	-	-	-	-	
MUSKIE GROUND	19	16.3	159	35,657	23,516	-	5,434	1,785	-	6,700	-	-	-	
S.V. SABLE ISLAND BANK	10	6-3	59	110,174	69,394	30	5,334	6,885	-	87	-	-	-	
EASTERN NOVA SCOTIA	31	36.0	365	42,369	42,676	150	10,270	8,207	-	-	-	-	-	
EMERALD BANK	24	16.8	173	94,495	54,468	-	4,457	5,268	88	250	-	-	-	
CENTRAL NOVA SCOTIA	20	19.6	203	61,754	2,984	-	28,731	37,680	-	-	-	-	-	
E. BROWNS AND LA HAVRE	48	96.2	931	131,169	74,393	1,868	14,151	14,151	-	2,006	-	-	-	
SOUTHERN NOVA SCOTIA	43	57.6	521	176,103	81,219	6,177	6,292	14,151	-	65	-	-	-	
WESTERN BROWNS	25	25.1	231	114,977	114,977	2,805	6,740	2,127	3,055	3,125	-	-	-	
WESTERN NOVA SCOTIA	11	9-4	73	24,425	11,921	-	1,740	2,127	-	1,050	-	-	-	
EASTERN MAINE	21	18.9	163	51,918	38,423	-	8,735	976	500	6,408	-	-	-	
CENTRAL MAINE	22	20.2	144	12,880	4,634	-	8,029	8,065	-	-	-	-	-	
WESTERN MAINE	61	315.4	1,093	404,386	236,788	39,965	83,204	120,850	1,640	3,415	-	-	-	
EASTERN MASSACHUSETTS	81	396.3	818	218,595	137,116	35,355	53,502	6,530	51,593	47,593	-	-	-	
INNER GROUNDS	14	55.4	3,351	336,167	103,424	-	203,780	104,731	-	900	-	-	-	
NORTHERN GULF OF MAINE, UNCL.	141	741.8	3,632	806,069	947,025	256,418	180,472	207,161	142,318	96,095	-	-	-	
INNER GULF OF MAINE, UNCL.	141	741.8	3,632	806,069	947,025	256,418	180,472	207,161	142,318	96,095	-	-	-	
EASTERN SIDE SOUTH CHANNEL	122	297.6	2,119	285,282	147,237	61,488	38,661	40,791	1,216,015	513,493	-	-	-	

(CONTINUED ON NEXT PAGE)

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# LANDINGS AT CERTAIN MASSACHUSETTS PORTS

SUMMARY OF FISHERY: BY GEAR AND SUBAREA, 1948 - Continued

GEAR AND SUBAREA	CRAFT FISHING	TRIPS	DAYS ASSENT	COD, DRAWN			SCROD	CUBK, DRAWN	FLOUNDERS, ROUND				BLACKBACK		
				LARGE	MARKET	POUNDS			POUNDS	POUNDS	POUNDS	POUNDS		POUNDS	POUNDS
OTHER TRAWLS, MEDIUM - CONTINUED:															
NORTHERN EDGE OF GEORGES . . . . .	34	71.-	532	419,576	763,168	149,095	176	1,165	219,505	44,445	86,535				
CENTRAL AND S.E. GEORGES . . . . .	37	148.5	1,063	690,430	242,815	69,775	500	1,400	1,176,937	1,117,862	282,152				
SOUTHWEST GEORGES . . . . .	46	152.9	948	52,915	111,532	46,047	-	13,720	271,515	4,873,632	122,467				
NANTUCKET SHOALS & LHTSHIP . . . . .	45	183.3	843	35,510	270,025	270,885	350	11,060	76,560	1,260,565	962,905				
OFF NO MAN'S LAND . . . . .	30	93.0	371	3,410	12,335	1,895	-	-	76,275	414,875	27,395				
SOUTHERN MASSACHUSETTS . . . . .	3	2.3	14	2,900	3,500	-	-	-	-	-	5,655				
RHODE ISLAND SHORE . . . . .	12	15.9	65	875	1,950	410	-	4,145	2,250	129,385	1,560				
S. NEW ENGLAND, UNCLASSIFIED . . . . .	19	123.3	1,979	153,515	375,270	131,515	1,425	305	536,105	326,005	398,580				
SOUTH . . . . .	17	127.0	1,271	615	7,810	7,810	-	205	1,365	235,945	19,055				
CAPE COD 1/2 . . . . .	6	27.0	27	-	8,385	-	-	-	-	74,870	21,951				
TOTAL . . . . .	2/212	3,783.0	21,928	4,702,265	4,032,999	1,084,250	649,151	787,906	3,200,210	9,694,535	3,028,161				
OTHER TRAWLS, SMALL:															
BERGEN NOVA SCOTIA . . . . .	1	1.0	9	-	1,000	-	-	-	-	-	-	800			
EASTERN MAINE . . . . .	1	0.6	3	-	-	-	-	-	-	-	-	-	7,245		
CENTRAL MAINE . . . . .	33	164.9	432	346,786	86,050	19,120	17,481	85,255	11,410	913,593	568,105				
EASTERN MASSACHUSETTS . . . . .	126	3,820.4	4,617	924,838	432,633	136,955	12,277	558,070	11,973	80	1,365				
INNER GROUNDS . . . . .	14	35.7	179	21,823	4,349	435	9,787	11,973	-	-	-				
NORTHERN GULF OF MAINE, UNCL.	1	1.0	6	635	120	-	225	120	-	-	-				
WESTERN SIDE SOUTH CHANNEL . . . . .	99	546.8	1,540	136,161	963,290	280,915	16,584	53,299	9,275	171,640	2,073,665				
EASTERN SIDE SOUTH CHANNEL . . . . .	11	19.8	119	5,878	7,461	10,965	4,240	2,988	77,345	19,745	67,435				
CENTRAL AND S.E. GEORGES . . . . .	2	1.5	8	-	355	250	-	-	-	2,935	-				
CENTRAL AND S.E. GEORGES . . . . .	36	76.0	363	650	625	300	-	7,095	3,015	78,535	1,465				
NANTUCKET SHOALS & LHTSHIP . . . . .	140	934.9	3,548	32,475	284,215	387,815	-	10,760	175,820	2,076,535	3,088,535				
OFF NO MAN'S LAND . . . . .	156	932.3	2,626	17,135	99,735	26,955	-	5,245	13,270	4,044,341	1,003,050				
SOUTHERN MASSACHUSETTS . . . . .	77	223.2	690	1,505	25,720	1,855	-	840	525	1,534	1,003,050				
RHODE ISLAND SHORE . . . . .	122	349.6	1,196	5,390	24,380	10,400	-	635	10,510	2,130,895	108,515				
S. NEW ENGLAND, UNCLASSIFIED . . . . .	100	306.5	548	3,105	35,037	9,805	-	930	280	368,518	211,375				
CAPE COD 1/2 . . . . .	67	140.6	495	1,980	4,875	1,090	-	1,492,995	45,850	2,240,843	79,435				
CAPE COD 1/2 . . . . .	195	4,912.0	4,912	276,987	471,348	52,693	790	55,101	358,430	18,641,665	9,535,212				
TOTAL . . . . .	2/493	12,476.0	21,328	1,777,248	2,467,568	943,123	61,384	792,551	3,200,210	18,641,665	9,535,212				
FLOATING TRAPS, EASTERN MASSACHUSETTS . . . . .	13	760.0	760	-	4,388	-	-	-	-	-	45				
POUND NETS, CAPE COD 1/2 . . . . .	22	1,986.0	1,986	-	109	-	-	-	-	-	3,944				
SINK GILL NETS: EASTERN MASSACHUSETTS . . . . .	11	1,140.0	1,140	962,148	170,305	-	2,305	-	-	-	270	8,043			
CAPE COD 1/2 . . . . .	12	1,141.0	1,141	962,148	170,306	-	2,305	-	-	-	270	8,043			
TOTAL . . . . .	47	524.0	524	-	-	-	-	-	-	-	-	-			
DRIFT GILL NETS, EASTERN MASSACHUSETTS . . . . .															
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LANDINGS AT CERTAIN MASSACHUSETTS PORTS

SUMMARY OF FISHERY: BY GEAR AND SUBAREA, 1948 - Continued

GEAR AND SUBAREA	FLOUNDERS, ROUND-CONT'D.						HADDOCK				HAKE		HALIBUT, DRANK	MACKEREL, ROUND
	DAB	FLUKE	DRAWN		ROUND, SCROD	RED, ROUND	SCROD	ROUND, SCROD	WHITE, DRESSED		SMALL			
			LARGE	POUNDS					POUNDS	POUNDS		LARGE		
LINE TRAWLS - CONTINUED:														
S. NEW ENGLAND, UNCLASSIFIED														
CAPE COD 1/	2,018	-	17,700	400	-	295	21,000	-	-	-	-	58,280	-	510
			1,648,474	125	-	-	135,487	-	-	-	-	-	-	-
TOTAL	10,328	-	3,686,114	174,350	-	1,295	2,055,261	2,605	80,974	3/750	-	-	-	-
HAND LINES:														
EASTERN MASSACHUSETTS	- 26	-	70	-	-	-	2,265	-	-	-	-	57	-	-
CAPE COD 1/			9,850	-	-	-	350	-	-	-	-	-	-	-
TOTAL	26	-	9,920	-	-	-	2,615	-	-	-	-	57	-	-
HARPOONS,														
CAPE COD 1/	-	200	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	3/200	-	-	-	-	-	-	-	-	-	-	-	-
OTTER TRAWLS, LARGE:														
ST. PIERRE BANK	900	-	613,350	379,570	-	-	10,320	450	485	-	-	-	-	-
NORTHEAST CAPE BRETON	13,396	-	2,584	6,483	-	-	1,074	345	832	-	-	-	-	-
MISLINE BANK	9,355	-	840	1,770	-	-	490	565	137	-	-	-	-	-
BANQUEREAU	33,735	-	1,756,482	844,076	-	425	16,752	5,003	12,969	-	-	-	-	-
CANSO BANK	11,919	-	20,235	16,045	-	-	5,898	6,196	1,751	-	-	-	-	-
MIDDLE GROUND	13,100	-	130,573	1,327,019	-	-	2,632	2,715	5,919	-	-	-	-	-
R.E. SABLE ISLAND BANK	1,820	-	11,250	1,265,848	-	-	2,443	2,570	1,630	-	-	-	-	-
S.W. SABLE ISLAND BANK	25,342	-	2,421,440	1,179,212	-	930	84,511	17,179	12,500	-	-	-	-	1,890
S.M. SABLE ISLAND BANK	10,448	-	1,756,920	595,655	-	-	16,425	16,622	8,340	-	-	-	-	300
EASTERN NOVA SCOTIA	1,354	-	9,988	1,195,709	-	-	3,089	10,967	25,311	-	-	-	-	-
EMERALD BANK	10,454	-	2,994,981	1,452,108	-	-	39,263	10,967	886	-	-	-	-	-
CENTRAL NOVA SCOTIA	67	-	42,708	1,746,955	-	-	48,998	24,654	15,210	-	-	-	-	-
E. BROWNS AND LA HAVRE	11,052	-	2,217,451	1,429,429	-	-	19,110	6,370	1,868	-	-	-	-	-
SOUTHERN NOVA SCOTIA	10,467	-	5,263,944	2,619,068	-	-	28,170	4,900	1,868	-	-	-	-	-
WESTERN NOVA SCOTIA	14,076	-	5,261,800	2,619,068	-	-	785	-	-	-	-	-	-	-
TOTAL	- 20	-	12,800	4,100	-	-	2,160	-	-	-	-	-	-	-
EASTERN MAINE	5,258	-	11,025	6,285	-	-	4,470	100	1,338	-	-	-	-	-
EASTERN MASSACHUSETTS	5,758	-	312,053	197,490	-	-	6,095	23,997	652	-	-	-	-	-
INNER GROUNDS	5,795	-	139,959	62,530	-	-	21,230	13,571	3,378	-	-	-	-	-
WESTERN SIDE SOUTH CHANNEL	35,885	-	3,143,484	1,653,476	-	40	102,997	2,057	17,519	-	-	-	-	4,323
EASTERN SIDE SOUTH CHANNEL	122,832	-	4,417,932	2,885,952	-	-	40	102,997	68,548	-	-	-	-	10,432
NORTHERN EDGE OF GEORGES	79,345	-	13,577,775	17,013,285	-	-	149,835	1,000	2,259	-	-	-	-	63,265
SOUTHERN EDGE OF GEORGES	39,450	-	4,847,460	5,644,625	-	-	200	4,710	2,080	-	-	-	-	1,050
SOUTHWEST GEORGES	3,450	-	285,920	261,560	-	-	-	-	-	-	-	-	-	-
NANTUCKET SHOALS & LHTSHIP	1,350	49,830	2,407,310	2,613,345	-	-	10,205	1,625	17,225	-	-	-	-	-
OFF NO MAN'S LAND	10,200	-	500	155	-	-	61,985	-	-	-	-	-	-	-
S. NEW ENGLAND, UNCLASSIFIED	39,095	-	2,407,310	2,613,345	-	-	-	-	-	-	-	-	-	-
CAPE COD 1/			48,547,012	41,410,894	1,000	2,675	871,575	125,350	216,420	3/96,610	-	-	-	-
TOTAL	533,300	60,030	48,547,012	41,410,894	1,000	2,675	871,575	125,350	216,420	3/96,610	-	-	-	-

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## LANDINGS AT CERTAIN MASSACHUSETTS PORTS

SUMMARY OF FISHERY: BY GEAR AND SUBAREA, 1948 Continued

GEAR AND SUBAREA	FLOUNDER, ROUND-CONT'D.				HADDOCK		ROUND, SCORP	RED, ROUND	HAKE		HALIBUT, DRUM	MACKEREL, ROUND		
	DAB	FLUKE		LARGE	DRAWN	SCORP			POUNDS	POUNDS			WHITE, DRESSED	
		POUNDS	POUNDS										LARGE	SMALL
OTTER TRAWLS, MEDIUM:														
ST. PIERRE BANK . . . . .	1,240	-	324,340	210,078	-	-	-	-	2,860	135	590	-		
NORTHEAST CAPE BRETON . . . . .	3,377	-	2,849	1,594	-	-	-	-	1,563	-	-	-		
MISMAINE BANK . . . . .	21	-	510	328	-	-	-	-	3,315	576	-	-		
PLANCHEREAU . . . . .	11,658	-	130,110	116,171	-	-	-	-	2,347	10,562	1,221	-		
MIDDLE GROUND . . . . .	6,110	-	12,539	5,770	-	-	-	-	3,570	3,825	-	-		
N.E. SABLE ISLAND BANK . . . . .	4,872	-	37,976	34,165	-	-	-	-	344	241	745	-		
S.E. SABLE ISLAND BANK . . . . .	1,435	-	7,638	10,548	-	-	-	-	960	539	-	-		
HORSESHOE GROUND . . . . .	993	-	260,311	89,653	-	-	-	-	8,938	13,935	300	-		
S.W. SABLE ISLAND BANK . . . . .	2,244	-	377,071	133,530	-	-	-	-	3,651	50	344	-		
EASTERN NOVA SCOTIA . . . . .	1,644	-	47,576	17,676	-	-	-	-	1,348	17,968	-	-		
CENTRAL NOVA SCOTIA . . . . .	1,244	-	417,056	177,976	-	-	-	-	1,348	17,968	-	-		
E. BROOKS AND LA HAVE . . . . .	20,321	-	114,965	28,580	-	-	-	-	9,960	7,564	844	-		
SOUTHERN NOVA SCOTIA . . . . .	30,044	-	911,292	602,053	-	-	-	-	59,300	46,472	2,062	-		
WESTERN BROWN . . . . .	4,574	-	179,055	157,131	-	-	-	-	31,378	18,609	366	-		
EASTERN NOVA SCOTIA . . . . .	3,950	-	881,710	515,240	-	-	-	-	31,500	9,363	1,456	-		
WESTERN MAINE . . . . .	1,061	-	39,326	29,135	-	-	-	-	6,655	6,267	-	-		
EASTERN MAINE . . . . .	87,858	-	98,742	93,727	-	-	-	-	22,289	12,951	205	-		
INNER GROUNDS . . . . .	77,993	-	645,946	281,079	-	-	-	-	3,966	104,757	389	-		
WESTERN SIDE SOUTH CHANNEL . . . . .	149,828	4,220	1,095,670	333,017	-	-	-	-	25,966	54,392	1,156	395		
EASTERN SIDE SOUTH CHANNEL . . . . .	63,162	665	4,919,897	2,622,432	-	-	-	-	110,323	219,374	1,944	80		
NORTHERN EDGE OF GEORGES . . . . .	12,127	180	2,206,224	1,795,384	-	-	-	-	2,315	469,021	117,067	6,745		
SOUTHWEST GEORGES . . . . .	2,910	405	1,038,067	1,559,835	-	-	-	-	255	69,762	74,725	5,670		
SOUTHWEST GEORGES . . . . .	2,910	1,005	1,213,545	2,136,802	-	-	-	-	11,260	10,640	43	570		
NANTUCKET SHOALS & LIGHTSHIP . . . . .	2,670	255,070	402,945	239,610	-	-	-	-	189	275	6,805	510		
OFF NO MAN'S LAND . . . . .	-	351,960	19,425	45	-	-	-	-	32,735	50	1,565	4,035		
SOUTHERN MASSACHUSETTS . . . . .	-	15	30,700	12,300	-	-	-	-	9,650	-	-	90,455		
RHODE ISLAND SHORE . . . . .	29,055	1,190	11,470	26,375	-	-	-	-	230	-	8,667	1,905		
S. NEW ENGLAND, UNCLASSIFIED . . . . .	-	12,375	1,377,635	1,562,600	-	-	-	-	17,795	-	-	-		
SOUTH . . . . .	-	79,715	1,377,635	1,562,600	-	-	-	-	1,795	-	-	-		
CAPE COD $\frac{1}{2}$ . . . . .	-	59,187	22,090	50	-	-	-	-	1,355	-	-	-		
TOTAL . . . . .	640,865	759,857	18,577,986	13,940,055	-	-	-	-	1,355,580	737,418	70,942	3,109,460		
OTTER TRAWLS, SMALL:														
SOUTHERN NOVA SCOTIA . . . . .	1,500	-	500	1,300	-	-	-	-	50	-	-	-		
EASTERN MAINE . . . . .	70,123	-	193,700	65,743	-	-	-	-	97,633	29,837	980	34,495		
EASTERN MASSACHUSETTS . . . . .	75,123	180	411,503	322,145	-	-	-	-	36,814	415,936	2,032	19,747		
INNER GROUNDS . . . . .	6,829	-	54,114	15,030	-	-	-	-	7,322	16,149	-	-		
NORTHERN GULF OF MAINE, UNCL.	20	-	425	170	-	-	-	-	335	210	-	-		
WESTERN SIDE SOUTH CHANNEL . . . . .	40,647	53,480	808,378	419,740	-	-	-	-	69,868	11,384	732	850		
EASTERN SIDE SOUTH CHANNEL . . . . .	1,519	80	65,376	45,535	-	-	-	-	4,213	1,432	-	-		
NORTHERN EDGE OF GEORGES . . . . .	95	-	1,000	4,815	-	-	-	-	130	-	-	-		
CENTRAL AND S.E. GEORGES . . . . .	265	-	10,500	14,100	-	-	-	-	165	-	-	-		
NANTUCKET SHOALS & LIGHTSHIP . . . . .	5,050	766,467	396,655	361,630	-	-	-	-	500	2,880	1,284	275		

(CONTINUED ON NEXT PAGE)

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# LANDINGS AT CERTAIN MASSACHUSETTS PORTS

SUMMARY OF FISHERY: BY GEAR AND SUBAREA, 1948 - Continued

GEAR AND SUBAREA	FLOUNDERS, ROUND-CONT'D.				HADDOCK				RED, ROUND POUNDS	MAKE		HALIBUT, DRANN POUNDS	MACKEREL, ROUND POUNDS
	DAB POUNDS	FLUKE POUNDS	DRAWN		SCROD		ROUND, SCROD POUNDS	WHITE, LARGE POUNDS		DRESSED, SMALL POUNDS			
			LARGE POUNDS	SMALL POUNDS	SCROD POUNDS	SCROD POUNDS							
OTTER TRAWLS, SMALL - CONTINUED:													
NORFOLK, . . . . .	150	215,105	76,285	1,755	-	1,122,867	-	32,030	2,760	-	-	15,155	
SOUTHERN MASSACHUSETTS, . . . . .	265	78,125	25	15	-	30	-	140	120	-	-	-	
RHODE ISLAND SHORE, . . . . .	-	8,035	3,695	-	-	25	-	5,770	1,635	-	-	-	
S., NEW ENGLAND, UNCLASSIFIED, . . . . .	905	44,325	35,201	15,530	-	2,932,263	-	68,775	165	-	-	-	
SOUTH, . . . . .	50	102,755	6,365	185	-	6,895	-	1,495	1,365	-	-	325	
CAPE COD 1/2, . . . . .	60,581	271,433	567,592	91,420	-	1,091	-	123,622	69,355	-	-	4,328	47,230
TOTAL, . . . . .	943,092	1,541,625	2,635,297	1,148,035	-	4,123,607	-	846,369	553,248	-	-	8,956	3/118,077
FLOATING TRAPS, EASTERN MASSACHUSETTS, . . . . .	15	-	-	-	-	-	-	-	-	-	-	-	1,341,478
POUND NETS, CAPE COD 1/2, . . . . .	-	7,415	-	-	-	-	-	30,325	-	-	-	-	8,519,739
SINK GILL NETS: EASTERN MASSACHUSETTS, . . . . .	985	-	69,565	-	-	555	-	761,775	935	-	-	163	115
CAPE COD 1/2, . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL, . . . . .	985	-	69,565	-	-	555	-	761,775	935	-	-	163	3/115
DRIFT GILL NETS, EASTERN MASSACHUSETTS, . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	454,155
PURSE SEINES: CENTRAL MAINE, . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	119,250
WESTERN MAINE, . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	453,680
EASTERN MASSACHUSETTS, . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	16,649,235
WESTERN SIDE SOUTH CHANNEL, . . . . .	95	-	-	-	-	-	-	-	655	-	-	-	3,669,577
EASTERN SIDE SOUTH CHANNEL, . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	57,625
NANTUCKET SHOALS & LIGHTSHIP, . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	358,150
OFF NO MAN'S LAND, . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	930,660
RHODE ISLAND SHORE, . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	6,500
NEW ENGLAND, UNCLASSIFIED, . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	686,760
SOUTH, . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	329,730
CAPE COD 1/2, . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL, . . . . .	3/95	-	-	-	-	-	-	-	3/655	-	-	-	23,299,527
SCALLOP DREDGES: WESTERN SIDE SOUTH CHANNEL, . . . . .	90	-	-	-	-	-	-	-	-	-	-	-	-
CAPE COD 1/2, GEORGES BANK, . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	-
NANTUCKET SHOALS & LIGHTSHIP, . . . . .	75	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL, . . . . .	3/165	-	-	-	-	-	-	3/110	-	-	-	-	-
GRAND TOTAL, . . . . .	2,128,871	2,369,127	73,545,894	56,673,534	1,000	4,147,947	1,420,211	5,923,610	1,420,211	377,512	35,939,911		

(CONTINUED ON NEXT PAGE)

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## LANDINGS AT CERTAIN MASSACHUSETTS PORTS

## SUMMARY OF FISHERY: BY GEAR AND SUBAREA, 1948 - Continued

GEAR AND SUBAREA	POLLOCK		ROSEFISH (OCEAN PERCH), ROUND	SCUP OR PORGY, ROUND	SWORDFISH, DRESSED	WHITING		WOLFFISH, DRAWN	SCALLOPS (MEATS)	OTHER, AS LANDED	TOTAL, AS LANDED		
	DRAWN	ROUND				POUNDS	POUNDS					POUNDS	POUNDS
LINE TRAWLS:													
MIDDLE GROUND.	-	-	-	-	-	-	-	-	-	-	28,882		
EMERALD BANK.	-	-	-	-	-	-	-	-	-	-	6,680		
E. BROWNS AND LA HAV.	3,190	-	-	-	-	-	180	-	-	-	308,267		
NEW SCOTIA.	9,050	-	-	-	-	-	120	-	-	-	50,017		
WESTERN BROWNS.	9,050	-	-	-	-	-	12,000	-	-	-	1,094,100		
WESTERN NOVA SCOTIA.	-	-	-	-	-	-	-	-	-	-	10,574		
WESTERN MAINE.	144,310	890	-	-	-	4,795	6,990	-	10,574	25,636	3,950,772		
EASTERN MASSACHUSETTS.	182,595	-	-	-	-	2,935	55,393	-	-	-	284,115		
INNER GROUNDS.	11,575	-	-	-	-	450	1,175	-	550	-	916,114		
WESTERN SIDE SOUTH CHANNEL	6,405	-	-	-	-	-	2,245	-	-	-	359,427		
NORTHERN EDGE OF GEORGES	2,100	-	-	-	-	-	1,000	-	-	-	97,400		
WESTERN SIDE SOUTH CHANNEL	3,000	-	-	-	-	-	-	-	-	-	31,400		
S. NEW ENGLAND, UNCLASSIFIED.	1,500	-	-	-	-	-	-	-	-	-	4,002,170		
CAPE COD 1/2.	108,042	-	-	-	-	5	49,080	-	-	3,067	13,104,189		
TOTAL.	472,977	890	-	-	-	8,185	2,800	128,783	-	39,827	654,110		
HAND LINES:											458,835		
EASTERN MASSACHUSETTS.	236,645	-	-	300	-	-	-	-	-	112,950	368,738		
CAPE COD 1/2.	6,495	-	-	-	-	-	-	7	-	-	439,688		
TOTAL.	243,140	300	-	300	-	-	-	7	-	-	1,112,945		
HARPOONS:											2,727		
NORTHEAST CAPE BRETON, (OCC.)	-	-	-	-	2,727	-	-	-	-	-	240		
MUSKIE BAY, (OCC.)	-	-	-	-	295	-	-	-	-	-	525		
MUSKIE BAY, (OCCASIONAL).	-	-	-	-	295	-	-	-	-	-	1,524		
BANQUEREAU (OCCASIONAL).	-	-	-	-	38,128	-	-	-	-	-	36,128		
WESTERN BROWNS (OCCASIONAL).	-	-	-	-	283	-	-	-	-	-	283		
EASTERN MASSACHUSETTS (OCCASIONAL).	-	-	-	-	460	-	-	-	-	-	73,552		
EASTERN MASSACHUSETTS (OCC.)	-	-	-	-	7,771	-	-	-	-	73,092	12,689		
WESTERN SIDE SOUTH CHANNEL	-	-	-	-	16,771	-	-	-	-	12,688	7,771		
WESTERN SIDE SOUTH CHANNEL (OCC.)	-	-	-	-	16,771	-	-	-	-	-	16,771		
EASTERN SIDE SOUTH CHANNEL (OCC.)	-	-	-	-	283	-	-	-	-	-	283		
NORTHERN EDGE OF GEORGES (OCC.)	-	-	-	-	141,230	-	-	-	-	-	141,230		
CENTRAL AND S. E. GEORGES (OCC.)	-	-	-	-	135,090	-	-	-	-	-	135,090		
CENTRAL AND S. E. GEORGES (OCC.)	-	-	-	-	351	-	-	-	-	-	351		
SOUTHWEST GEORGES (OCCASIONAL)	-	-	-	-	32,158	-	-	-	-	-	32,158		
WESTERN SIDE SOUTH CHANNEL (OCCASIONAL)	-	-	-	-	1,502	-	-	-	-	-	1,502		
NANTUCKET SHOALS & LUTSHIP	-	-	-	-	66,465	-	-	-	-	-	66,785		
NANTUCKET SHOALS & LUTSHIP (OCC.)	-	-	-	-	23,743	-	-	-	-	-	23,743		
OFF NO MAN'S LAND (OCCASIONAL)	-	-	-	-	51,739	-	-	-	-	-	51,739		
OFF NO MAN'S LAND (OCCASIONAL)	-	-	-	-	700	-	-	-	-	-	700		
SOUTHERN MASSACHUSETTS	-	-	-	-	382	-	-	-	-	-	382		
SOUTHERN MASSACHUSETTS (OCC.)	-	-	-	-	200	-	-	-	-	-	200		
RHODE ISLAND SHORE (OCC.)	-	-	-	-	12,033	-	-	-	-	-	12,033		
S. NEW ENGLAND, UNCLASSIFIED.	-	-	-	-	-	-	-	-	-	-	-		

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NEW ENGLAND FISHERIES

LANDINGS AT CERTAIN MASSACHUSETTS PORTS

SUMMARY OF FISHERY: BY GEAR AND SUBAREA, 1948 - Continued

GEAR AND SUBAREA	POLLOCK		SCUP OR PORGY, ROUND	SWORDFISH, DRESSED	WHITING		WOLFFISH, DRAWN	SCALLOPS (HEATS)	OTHER, AS LANDED	TOTAL, AS LANDED		
	DRAWN	ROUND			POUNDS	POUNDS					POUNDS	POUNDS
HARPOONS - CONTINUED:												
S. NEW ENGLAND, UNCL. (OCC.)	-	-	-	2,084	-	-	-	-	-	2,084		
SOUTH (OCCASIONAL)	-	-	-	245	-	-	-	-	-	110,245		
CAPE COD 1/2 (OCCASIONAL)	-	-	-	110,209	-	-	-	-	-	110,209		
CAPE COD 1/2 (OCCASIONAL)	-	-	-	6,644	-	-	-	-	-	6,644		
TOTAL	-	-	-	625,541	-	-	-	-	85,980	711,721		
OTTER TRAWLS, LARGE:												
ST. PIERRE BANK	6,610	-	-	-	-	-	2,235	-	300	1,309,120		
NORTHEAST CAPE BRETON	11,374	-	-	14,096,704	-	-	1,236	-	126,710	16,501,898		
MISAINE BANK	12,518	-	-	6,416,589	-	-	800	-	21,285	21,285		
BANQUEREAU	24,938	-	-	16,762,009	184	-	39,842	-	105,291	25,037,080		
CANSO BANK	23,169	-	-	7,537,789	-	-	414	-	46,412	7,676,914		
WINDMILL AND	1,479,442	-	-	1,479,442	-	-	35,917	-	2,453,034	11,775		
N.E. SABLE ISLAND BANK	361,685	-	-	2,055,530	-	-	87,849	-	24,530	2,195,452		
S.E. SABLE ISLAND BANK	39,300	-	-	3,858,460	-	-	74,522	-	2,530	5,643,695		
HORSESHOE GROUND	717,860	-	-	86,450	-	-	79,337	-	2,700	9,747,980		
S.-W. SABLE ISLAND BANK	908,307	-	-	556,744	-	-	31,749	-	49,976	8,671,637		
EASTERN NOVA SCOTIA	11,958	-	-	1,241,559	-	-	1,826	-	49,510	2,652,765		
EMERALD BANK	1,532,433	-	-	816,159	-	-	8,939	-	3,210	10,985,030		
CENTRAL NOVA SCOTIA	12,109	-	-	3,766,221	-	-	158,175	-	6,390	130,143		
ST. JOHN'S BAY	200,776	-	-	1,304,860	-	-	-	-	-	124,670		
SOUTHERN NOVA SCOTIA	1,353,155	-	-	61,500	-	-	150	-	-	785,029		
WESTERN BROOKS	117,860	-	-	61,500	-	-	3,500	-	-	4,671,560		
WESTERN NOVA SCOTIA	40,403	-	-	61,500	-	-	1,411	-	6,005	9,760,893		
NOVA SCOTIA, UNCLASSIFIED	5,500	-	-	41,200	-	-	25,304	-	13,650	44,703,544		
EASTERN MAINE	30,100	-	-	51,490	-	-	239,847	-	3,610	14,462,771		
EASTERN MASSACHUSETTS	85,703	-	-	4,117,930	46	-	25,116	22	13,885	21,011,975		
INNER GROUNDS	189,230	-	-	1,350	150	-	1,290	-	8,230	93,069		
WESTERN SIDE SOUTH CHANNEL	950,863	-	-	2,332,416	-	-	48,190	32	1,110	8,329,255		
WESTERN NORTH CHANNEL	1,110,340	-	-	2,142,965	-	-	-	-	-	20,055		
NORTHERN EDGE OF GEORGES	3,110,340	-	-	43,350	-	-	-	-	-	8,329,255		
CENTRAL AND S.E. GEORGES	630,985	-	-	-	-	-	-	-	-	8,329,255		
SOUTHWEST GEORGES	31,175	-	-	-	-	-	-	-	-	8,329,255		
NANTUCKET SHOALS & LIGHTSHIP	7,295	-	-	-	-	-	-	-	-	8,329,255		
OFF NO MAN'S LAND	854,360	-	-	269,540	-	-	-	-	-	8,329,255		
S. NEW ENGLAND, UNCLASSIFIED	155	-	-	-	-	-	-	-	-	8,329,255		
CAPE COD 1/2	13,481,135	-	-	69,630,906	1,790	-	873,294	3/54	536,206	212,723,426		
TOTAL	13,481,135	-	-	69,630,906	1,790	-	873,294	3/54	536,206	212,723,426		
OTTER TRAWLS, MEDIUM:												
ST. PIERRE BANK	1,000	-	-	-	-	-	895	-	-	577,333		
NORTHEAST CAPE BRETON	1,473	-	-	6,532,686	-	-	45	-	48,985	6,636,347		
MISAINE BANK	2,623	-	-	2,581,584	-	-	575	-	29,225	2,680,774		
BANQUEREAU	42,382	-	-	13,479,775	-	-	4,970	-	97,511	14,359,592		
CANSO BANK	14,977	-	-	6,708,090	-	-	1,699	-	58,856	6,940,171		
MIDDLE GROUND	32,240	-	-	1,536,022	-	-	855	-	8,150	1,641,882		
N.E. SABLE ISLAND BANK	32,240	-	-	-	-	-	2,792	-	-	513,210		

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## LANDINGS AT CERTAIN MASSACHUSETTS PORTS

SUMMARY OF FISHERY: BY GEAR AND SUBAREA, 1948 - Continued

GEAR AND SUBAREA	POLLOCK		ROSEFISH (OCEAN PERCH)		SCUP OR PORPY, ROUND	SWORDFISH, DRESSED	WHITING		WOLFISH, DROWN	SCALLOPS (MEATS)	OTHER, AS LANDED	TOTAL, AS LANDED
	DROWN	ROUND	POUNDS	POUNDS			DRESSED	ROUND				
OTTER TRAWLS, MEDIUM - CONTINUED:												
S. E. SABLE, ISLAND BANK	5,566	-	740,101	-	-	-	-	-	4,957	-	19,200	806,975
HORSHESHO GROUND	84,418	-	1,001,064	-	-	-	-	-	55,613	-	2,493,389	3,545,066
S. W. SABLE ISLAND BANK	59,293	-	1,161,565	-	-	-	-	-	5,900	-	3,946,852	5,113,617
EASTERN NOVA SCOTIA	26,570	-	3,112,482	-	-	-	-	-	1,412	-	1,886,219	4,999,911
EMERALD BANK	57,978	-	1,086,590	-	-	-	-	-	2,959	-	2,017,257	3,096,734
CENTRAL NOVA SCOTIA	14,820	-	1,683,163	-	-	-	306	-	2,057	-	35,440	1,720,463
E. BROWNS AND LA HAVRE	294,998	-	6,610,371	-	-	-	-	-	12,682	-	108,123	6,943,021
SOUTHERN NOVA SCOTIA	280,496	-	4,022,057	-	-	-	-	-	6,613	-	28,162	5,144,566
WESTERN NOVA SCOTIA	189,354	-	1,174,653	-	-	-	-	-	57,782	-	3,151,839	4,484,296
PHODE ISLAND	244,160	-	771,168	-	-	-	-	-	890	-	6,348	1,019,376
EASTERN MAINE	26,497	-	1,077,268	-	-	-	-	-	6,115	-	32,343	1,115,671
WESTERN MAINE	1,115,831	400	3,312,636	-	-	-	1,190	-	6,115	-	1,354,532	5,870,159
INNER GROUNDS	2,241,942	3,600	743,896	-	-	-	95,580	-	5,275	-	6,660,732	8,643,249
WESTERN GULF OF MAINE UNCL.	911,918	-	29,677,436	-	-	-	85,189	-	4,825	-	5,595,383	34,122,199
EASTERN MASSACHUSETTS	1,945,574	1,105	16,964,219	-	-	-	502,397	-	2,000	-	2,000	61,900
WESTERN GULF OF MAINE UNCL.	341,700	195	9,582,400	-	-	-	107,754	-	33,922	-	333,922	31,253,569
EASTERN SIDE SOUTH CHANNEL	85,293	-	1,959,826	-	-	-	2,430	-	2,430	-	236,957	1,703,373
NORTHERN EDGE OF GEORGES	179,545	-	9,000	-	-	-	10,344	-	1,645	-	1,645	4,285,615
CENTRAL AND S. E. GEORGES	28,005	3,125	9,000	-	70	275	2,420	-	4,970	-	7,897,307	7,907,707
SOUTHWEST GEORGES	39,415	300	13,245	-	-	-	2,420	-	2,573	-	229,748	4,139,987
NANTUCKET SHOALS & LIGHTSHIP	2,000	-	15,720	-	-	-	-	-	269	-	273,520	1,210,255
OFF NO MAN'S LAND	142,580	350	61,840	-	-	-	-	-	300	-	2,465	74,655
PHODE ISLAND	500	-	1,480	-	-	-	-	-	74	-	11,375	176,584
PHODE ISLAND UNCLASSIFIED	400	-	3,775	-	-	-	-	-	30	-	5,076,191	5,083,966
S. NEW ENGLAND UNCLASSIFIED	1,193	-	114,729,647	-	41,170	3,973	1,627,709	-	3,925	-	6,714	268,025
CAPE COD 1/2	1,193	-	114,729,647	-	41,170	3,973	1,627,709	-	3,925	-	6,714	268,025
TOTAL	8,490,354	9,075	114,729,647	-	41,170	3,973	1,627,709	89,411	289,382	3/12,704	2,809,591	191,490,471
OTTER TRAWLS, SMALL:												
SOUTHERN NOVA SCOTIA	-	-	73,000	-	-	-	-	-	1,000	-	3,000	76,500
EASTERN MAINE	-	200	9,300	-	-	-	-	-	750	-	10,350	10,350
CENTRAL MAINE	285,009	-	789,165	-	-	-	335,826	-	9,080	-	2,477,520	3,502,514
WESTERN MAINE	1,055,386	-	419,430	-	-	-	21,320,314	-	125,132	-	31,864,105	33,448,975
EASTERN MASSACHUSETTS	57,123	-	1,091,947	-	-	-	990	-	1,415	-	1,347,521	2,440,466
INNER GROUNDS	665	-	2,970	-	-	-	-	-	-	-	-	5,895
WESTERN GULF OF MAINE UNCL.	149,200	-	1,509,064	-	-	-	857,495	-	-	-	15,153	1,671,852
EASTERN SIDE SOUTH CHANNEL	4,162	-	279,080	-	-	-	-	-	100	-	10,120	605,654
WESTERN SIDE SOUTH CHANNEL	-	-	-	-	-	-	-	-	-	-	-	-
NORTHERN EDGE OF GEORGES	-	-	-	-	-	-	-	-	-	-	-	-
CENTRAL AND S. E. GEORGES	-	-	-	-	-	-	-	-	-	-	-	-
SOUTHWEST GEORGES	-	-	-	-	-	-	-	-	-	-	-	-
NANTUCKET SHOALS & LIGHTSHIP	24,650	630	34,430	-	-	-	-	-	772	-	2,146,417	2,171,579
OFF NO MAN'S LAND	4,255	-	55,290	-	-	-	325	-	1,236	-	36,000	10,591,638
PHODE ISLAND	1,200	-	709,450	-	-	-	248	-	630	-	112,539	6,774,804
PHODE ISLAND UNCLASSIFIED	1,200	-	26,911	-	-	-	-	-	320	-	42,163	1,864,842
S. NEW ENGLAND UNCLASSIFIED	1,445	-	26,911	-	-	-	-	-	33	-	3,260	2,304,713
TOTAL	8,490,354	9,075	114,729,647	-	41,170	3,973	1,627,709	89,411	289,382	3/12,704	2,809,591	191,490,471

(CONTINUED ON NEXT PAGE)

SEE FOOTNOTES AT END OF TABLE



NEW ENGLAND FISHERIES

LANDINGS AT CERTAIN MASSACHUSETTS PORTS

SUMMARY OF FISHERY: BY GEAR AND SUBAREA, 1948 - Continued

GEAR AND SUBAREA	POLLOCK		ROSEFISH (OCEAN PERCH), ROUND	SCUP OR COY, R, ROUND	SNORDFISH, DRESSED	WHITING		WOLFFISH, DRAWN	SCALLOPS (HEATS)	OTHER, AS LANDED	TOTAL, AS LANDED
	DRAWN	ROUND				DRESSED	ROUND				
OTTER TRAWLS, SMALL - CONTINUED: SOUTH..... CAPE COD 1/.....	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
	625	-	7,200	-	-	-	-	-	21,535	1,730,350	
	186,076	-	591,076	371	-	4,642,016	9,957,143	140,737	611,956	22,411,305	
	1,779,627	1,345	4,690,471	1,427,432	3,619	27,156,966	10,590,506	334,766	3,431,065	95,912,935	
TOTAL.....											
FLOATING TRAPS, EASTERN MASSACHUSETTS.....	1,625	117,080	-	-	-	10,520	210,095	-	-	56,862	1,742,068
POUND NETS, CAPE COD 1/.....	154,438	-	-	38,412	-	-	2,166,746	-	-	4,766,888	15,688,016
SINK GILL NETS: EASTERN MASSACHUSETTS.....	2,897,084	70,250	-	-	-	-	280	85	-	18,970	4,983,734
CAPE COD 1/.....	2,897,084	70,250	-	-	-	-	280	85	-	18,970	4,983,734
TOTAL.....											
DRIFT GILL NETS, EASTERN MASSACHUSETTS.....	5,320	-	-	-	-	20,340	43,920	-	-	10,944	534,679
PURSE SEINES: CENTRAL MAINE.....	-	-	-	-	-	-	-	-	-	-	119,250
EASTERN MASSACHUSETTS.....	1,000	-	-	-	-	-	-	-	-	24,000	478,715
WESTERN MASSACHUSETTS.....	35	-	-	-	-	-	-	-	-	90,920	16,758,520
WESTERN SIDE SOUTH CHANNEL.....	-	-	-	-	-	17,100	-	-	-	46,045	3,715,712
EASTERN SIDE SOUTH CHANNEL.....	-	-	-	-	-	-	-	-	-	-	367,625
NANTUCKET SHOALS & LIGHTSHIP.....	-	-	-	-	-	-	-	-	-	-	930,935
OFF NO MAN'S LAND.....	-	-	-	-	-	-	-	-	-	275	6,500
RHODE ISLAND SHORE.....	-	-	-	-	-	-	-	-	-	-	687,090
S. NEW ENGLAND, UNCLASSIFIED.....	-	-	-	-	-	-	-	-	-	-	38,150
W. NEW ENGLAND.....	-	-	-	-	-	-	-	-	-	-	329,730
CAPE COD 1/.....	3,1,035	-	-	-	-	3,17,100	-	-	-	161,360	23,480,377
TOTAL.....											
SCALLOP DREDGES: WESTERN BROWNS.....	-	-	-	-	-	-	-	-	5,481	-	5,481
EASTERN MASSACHUSETTS.....	-	-	-	-	-	-	-	-	33,907	-	33,907
WESTERN SIDE SOUTH CHANNEL.....	-	-	-	-	-	-	-	-	1,407,233	-	1,407,233
NANTUCKET SHOALS & LIGHTSHIP.....	-	-	-	-	-	-	-	-	136,575	-	136,575
NORTHERN EDGE OF GEORGES.....	-	-	-	-	-	-	-	-	3,696,699	-	3,696,699
CENTRAL AND S.E. GEORGES.....	-	-	-	-	-	-	-	-	95	-	95
SOUTHWEST GEORGES.....	-	-	-	-	-	-	-	-	2,286,658	-	2,286,658
NANTUCKET SHOALS & LIGHTSHIP.....	-	-	-	-	-	-	-	-	104,266	45	104,231
TOTAL.....									1,987,263	140	1,991,663

(CONTINUED ON NEXT PAGE)

SEE FOOTNOTES AT END OF TABLE

## LANDINGS AT CERTAIN MASSACHUSETTS PORTS

## SUMMARY OF FISHERY: BY GEAR AND SUBAREA, 1948 - Continued

GEAR AND SUBAREA	POLLOCK		ROSEFISH (GEN. PORGY, PECK), ROUND	SCUP OR SWORDFISH, DRESSED ROUND	WHITING		WOLFFISH, DRAWN	SCALLOPS (HEATS)	OTHER, AS LANDED	TOTAL, AS LANDED
	DRAWN	ROUND			DRESSED	ROUND				
SCALLOP DREDGES - CONTINUED:										
OFF NO MAN'S LAND.....	-	-	-	-	-	-	-	45,472	-	45,472
S. NEW ENGLAND, UNCLASSIFIED.....	-	-	-	-	-	-	-	500,315	-	501,335
SOUTH, UNCLASSIFIED.....	-	-	-	-	-	-	-	177,294	-	177,294
CAPE COD 1/.....	-	-	-	-	-	-	-	1,237,505	140	1,237,795
TOTAL.....	-	-	-	-	-	-	-	11,620,668	420	11,634,843
GRAND TOTAL.....	27,526,735	198,640	189,051,024	1,507,314	627,133	29,842,250	13,103,718	11,638,057	12,357,801	573,119,518

1/ REPRESENTS THE CATCH LANDED AT PROVINCETOWN, WOODS HOLE, CHATHAM, HYANNIS, HARTWICH PORT, AND OTHER CAPE COD PORTS EAST OF BUZZARDS BAY. IT IS NOT POSSIBLE TO DETERMINE THIS CATCH INTO THE SUBAREAS AS DATA ARE NOT COLLECTED ON THE AREA OF CAPTURE FOR THESE PORTS.

2/ EXCLUSIVE OF DUPLICATION, EXCEPT THAT CRAFT LANDING AT CAPE COD PORTS MAY BE DUPLICATED WITH CRAFT FISHING ELSEWHERE.

3/ INCIDENTAL CATCH.

NOTE: 1--OTTER TRAWLS ARE CLASSIFIED ACCORDING TO THE SIZE OF THE CRAFT. "SMALL" OTTER TRAWL CRAFT ARE THOSE 50 GROSS TONS CAPACITY OR UNDER; "MEDIUM", 51 GROSS TONS TO 150 GROSS TONS; AND "LARGE", 151 GROSS TONS OR GREATER. A SINGLE TRIP IS SHOWN FOR EACH VOYAGE. A SINGLE TRIP IS ALLOTTED TO THE SUBAREA ON THE BASIS OF THE CATCH TAKEN IN TWO OR MORE SUBAREAS DURING A VOYAGE, A FRACTIONAL PART (IN TENTHS) OF THE TRIP CONTRIBUTING TO THE CATCH AS SHOWN FISHED CHIEFLY WITH ANOTHER TYPE OF GEAR.

2--OCCASIONAL AFTER THE NAME OF A SUBAREA INDICATES THAT THE CRAFT CONTRIBUTING TO THE CATCH AS SHOWN FISHED CHIEFLY WITH ANOTHER TYPE OF GEAR.

3--COMPILED FROM DATA COLLECTED BY THE MASSACHUSETTS DIVISION OF MARINE FISHERIES AND THE FISH AND WILDLIFE SERVICE.



LANDINGS AT CERTAIN MASSACHUSETTS PORTS

SUMMARY OF FISHERY: BY AREA AND SUBAREA, 1948

NEW ENGLAND FISHERIES

AREA AND SUBAREA	CRAFT FISHING NUMBER	TRIPS NUMBER	DAYS ABSENT NUMBER	COD, DRAWN		CUSH, DRAWN POUNDS	FLOUNDER, ROUND		BLACKBACK POUNDS
				LARGE POUNDS	MARKET POUNDS		LEMON SOLE POUNDS	YELLOWTAIL POUNDS	
OFF GRAND BANK (xx), ST. PIERRE BANK . . . . .	13	14.5	150	58,820	38,625	-	125	18,300	-
OFF NOVA SCOTIA (xxi):									
NORtheast CAPE BRETON . . . . .	53	136.5	1,408	149,995	114,476	1,038	-	-	3,530
MIRAMICHEE BANK . . . . .	37	57.3	588	62,153	62,153	3,600	-	-	1,696
BANQUEREAU . . . . .	97	259.6	2,493	1,168,036	3,084,098	7,436	-	-	1,074,588
CANSO BANK . . . . .	57	114.8	1,211	124,097	80,578	13,244	-	-	2,170
MIDDLE GROUND . . . . .	42	31.5	328	203,305	377,652	2,785	-	-	199,879
N.E. SABLE ISLAND BANK . . . . .	44	61.0	556	345,602	639,635	5,425	-	-	1,148,101
S.E. SABLE ISLAND BANK . . . . .	21	17.5	165	94,485	24,012	759	-	-	245,890
S.W. SABLE ISLAND BANK . . . . .	47	41.0	395	577,289	716,540	1,792	-	-	1,850
ST. JOHN'S BANK . . . . .	43	39.9	407	1,452,064	1,452,064	1,750	-	-	18,935
EASTERN NOVA SCOTIA . . . . .	43	39.9	407	1,452,064	1,452,064	1,750	-	-	18,935
EMERALD BANK . . . . .	80	84.1	831	1,607,168	1,087,283	17,066	-	-	1,053
CENTRAL NOVA SCOTIA . . . . .	30	25.6	259	31,761	11,703	8,114	-	-	38,865
E. BROWNS AND LA HAVRE . . . . .	111	172.3	1,795	521,366	381,366	5,268	-	-	4,306
SOUTHERN NOVA SCOTIA . . . . .	92	81.0	729	326,481	1,517,939	18,283	-	-	9,963
WESTERN BROWNS . . . . .	70	152.8	1,342	1,127,934	712,934	96,032	-	-	16,670
OFF NOVA SCOTIA . . . . .	15	10.8	65	40,525	11,921	8,140	-	-	23,900
NOVA SCOTIA, UNCLASSIFIED . . . . .	1	1.0	9	7,800	1,700	6,140	-	-	100
TOTAL . . . . .	1/161	1,384.5	13,597	7,366,005	8,124,633	167,795	48,535	2,771,477	10,380
OFF NEW ENGLAND (xxii):									
EASTERN MAINE . . . . .	24	20.5	177	61,060	47,121	11,723	-	-	800
CENTRAL MAINE . . . . .	25	23.5	157	15,880	4,694	8,029	-	-	7,793
WESTERN MAINE . . . . .	415	819.3	1,923	1,128,215	450,743	343,550	-	-	6,520
INNER MASSACHUSETTS . . . . .	10	1007.0	3,562	3,525,652	1,416,632	494,867	-	-	972,593
INNER GROUND . . . . .	159	652.0	3,562	461,830	169,129	319,323	-	-	7,660
NORTHERN GULF OF MAINE, UNCL.	2	2.0	12	1,479,645	2,481,336	232,055	-	-	910
WESTERN SIDE SOUTH CHANNEL . . . . .	398	1,902.8	8,387	1,479,645	2,481,336	232,055	-	-	910
EASTERN SIDE SOUTH CHANNEL . . . . .	220	502.6	3,674	800,370	488,087	654,658	-	-	231,065
NORTHERN EDGE OF GEORGES . . . . .	187	1,079.4	9,157	4,984,404	5,744,295	58,671	-	-	1,600,363
CENTRAL AND S.E. GEORGES . . . . .	191	619.9	5,216	2,732,917	947,953	60,852	-	-	623,393
SOUTHWEST GEORGES . . . . .	128	275.6	1,679	93,965	166,357	9,350	-	-	149,055
DUFF NOVA SCOTIA & LIGHTSHIP . . . . .	273	1,447.7	6,689	77,130	632,935	51,147	-	-	1,283,075
OFF NOVA SCOTIA . . . . .	23	1,920.9	3,706	20,545	112,070	350	-	-	354,908
SOUTHERN MASSACHUSETTS . . . . .	135	366.5	1,262	6,265	29,570	840	-	-	276,865
RHODE ISLAND SHORE . . . . .	262	721.6	3,513	722,750	1,237,192	41,975	-	-	4,459,216
S. NEW ENGLAND, UNCLASSIFIED . . . . .	262	721.6	3,513	722,750	1,237,192	41,975	-	-	4,459,216
CAPE COD 2/ . . . . .	366	14,571.0	14,571	1,636,584	1,069,325	55,306	-	-	13,952,754
TOTAL . . . . .	1/1,231	34,228.6	75,750	17,648,992	15,020,999	3,068,418	1,653,014	5,203,715	26,908,425
OFF MIDDLE ATLANTIC STATES (xxiii):									
GRAND TOTAL . . . . .	103	191.4	868	2,595	5,600	985	250	1,728,940	98,490
GRAND TOTAL . . . . .	1/1,244	35,819.0	90,365	25,076,412	23,189,857	3,237,363	5,252,625	31,427,142	13,737,942

(CONTINUED ON NEXT PAGE)

SEE FOOTNOTES AT END OF TABLE

NEW ENGLAND FISHERIES

LANDINGS AT CERTAIN MASSACHUSETTS PORTS

SUMMARY OF FISHERY: BY AREA AND SUBAREA, 1948 - Continued

AREA AND SUBAREA	FLOUNDER, ROUND-CONT'D.			HADDOCK			ROUND, SCROD	RED, ROUND	MAKE			HALIBUT, DRAWN	MACKEREL, ROUND								
	DAB	FLUKE		LARGE DRAWN	SCROD	POUNDS			POUNDS	POUNDS	POUNDS			POUNDS	POUNDS	POUNDS					
		POUNDS	POUNDS														POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
OFF GRAND BANK (xx), S. PIERRE BANK . . . . .	2,140	-	937,690	589,648	-	-	-	-	13,180	585	1,075	-									
OFF NOVA SCOTIA (xxi):																					
NORTHEAST CAPE BRETON BANK . . . . .	16,799	-	5,433	9,077	-	-	-	-	2,657	345	832	-									
ROCKY HILLS BANK . . . . .	55,727	-	1,887,209	960,887	-	-	-	-	22,395	12,871	14,130	-									
CANSO BANK . . . . .	21,578	-	31,933	27,316	-	-	-	425	10,245	16,758	1,781	-									
MIDDLE GROUND . . . . .	46,922	-	143,112	63,389	-	-	-	-	6,342	6,540	6,502	-									
N.-E. SABLE ISLAND BANK . . . . .	2,578	-	1,469,275	1,766,866	-	-	-	-	27,964	241	6,502	-									
HORSHEOE GROUND . . . . .	26,777	-	2,081,751	2,088,396	-	-	-	930	3,403	3,109	1,630	-									
SABLE ISLAND BANK . . . . .	1,109	-	2,153,440	1,268,865	-	-	-	-	93,449	31,114	8,640	-									
NORTHERN GULF OF MAINE BANK . . . . .	1,698	-	1,729,185	1,729,185	-	-	-	-	50,976	20,672	12,684	-									
CENTRAL NOVA SCOTIA . . . . .	11,695	-	3,417,377	1,314,292	-	-	-	-	50,604	14,926	26,195	-									
NORTHERN NOVA SCOTIA . . . . .	1,011	-	57,074	11,168	-	-	-	-	50,604	14,926	26,195	-									
E. BROWNS AND LA HAVE . . . . .	31,373	-	3,276,108	1,781,618	-	-	-	-	116,178	71,126	20,719	-									
SOUTHERN NOVA SCOTIA . . . . .	40,511	-	630,019	397,460	-	-	-	250	70,617	23,509	1,812	-									
WESTERN BROWNS . . . . .	19,250	-	6,773,685	3,178,348	-	-	-	1,515	67,370	9,363	20,386	-									
WESTERN NOVA SCOTIA . . . . .	1,061	-	49,226	30,035	-	-	-	-	11,815	6,267	-	-									
NOVA SCOTIA, UNCLASSIFIED . . . . .	20	-	12,180	4,100	-	-	-	-	300	-	-	-									
TOTAL . . . . .	330,713	-	22,637,945	11,683,449	-	-	-	3,120	525,519	232,913	118,126	-									
OFF NEW ENGLAND (xxii):																					
CENTRAL MAINE . . . . .	5,450	-	100,967	101,312	-	-	-	-	26,808	4,551	205	-									
NORTHERN MAINE . . . . .	4,479	-	23,616	7,739	-	-	-	-	5,582	12,061	4,376	-									
EASTERN MASSACHUSETTS . . . . .	829,256	-	1,556,845	876,434	-	-	-	35,981	1,120,656	472,986	9,789	-									
INNER GROUNDS . . . . .	90,817	-	1,314,667	404,877	-	-	-	725	228,982	260,110	3,791	-									
NORTHERN GULF OF MAINE, UNCL.	20	-	335	170	-	-	-	-	335	210	-	-									
WESTERN SIDE SOUTH CHANNEL . . . . .	223,150	57,700	9,478,914	4,733,248	-	-	-	3,393	689,176	142,022	24,434	-									
EASTERN SIDE SOUTH CHANNEL . . . . .	187,513	745	6,686,432	4,726,871	-	-	-	295	176,972	78,214	45,481	-									
NORTHERN EDGE OF GEORGES . . . . .	91,862	80	14,422,587	18,583,195	-	-	-	-	193,045	43	75,199	-									
CENTRAL AND SAGES . . . . .	58,515	2,675	9,062,460	1,191,750	-	-	1,000	200	50,165	275	15,083	-									
SOUTHERN GULF OF MAINE . . . . .	9,145	-	1,085,420	1,591,920	-	-	-	-	102,860	2,930	3,108	-									
NANTUCKET SHOALS & LIGHTSHIP . . . . .	9,145	-	1,085,420	1,591,920	-	-	-	-	102,860	2,930	3,108	-									
OFF NO MAN'S LAND . . . . .	265	-	577,165	1,800	-	-	-	-	1,125,117	43,305	2,780	-									
SOUTHERN MASSACHUSETTS . . . . .	285	-	30,725	12,315	-	-	-	-	1,040	120	-	-									
RHODE ISLAND SHORE . . . . .	69,055	9,225	15,365	26,375	-	-	-	-	6,000	1,635	-	-									
S. NEW ENGLAND, UNCL. . . . .	62,1625	-	3,777,846	4,191,875	-	-	-	2,932,963	169,545	165	25,892	-									
CAPE COD $\frac{1}{2}$ . . . . .	1,795,968	-	2,248,506	91,700	-	-	-	1,581	291,539	69,355	62,608	-									
TOTAL . . . . .	2,128,871	2,186,657	49,962,949	44,400,202	1,000	-	-	4,143,932	5,375,621	1,185,098	258,311	-									
OFF MIDDLE ATLANTIC STATES (xxiii):																					
SOUTH . . . . .	50	181,470	7,310	235	-	-	-	-	895	9,200	1,615	-									
GRAND TOTAL . . . . .	2,128,871	2,368,127	73,545,894	56,673,534	1,000	-	-	4,147,947	5,923,610	1,420,211	377,512	-									

(CONTINUED ON NEXT PAGE)

SEE FOOTNOTES AT END OF TABLE

NEW ENGLAND FISHERIES

LANDINGS AT CERTAIN MASSACHUSETTS PORTS

SUMMARY OF FISHERY: BY AREA AND SUBAREA, 1948 - Continued

AREA AND SUBAREA	FOLLOCK		ROSEFISH (OCEAN PERCH), ROUND	SCUP OR PORGY, ROUND	SWORDFISH, DRESSED	WHITING		WOLFFISH, DROWN	SCALLOPS (MEATS)	OTHER, AS LANDED	TOTAL, AS LANDED			
	DRAWN	POUNDS				POUNDS	POUNDS					POUNDS	POUNDS	POUNDS
OFF GRAND BANK (xx), S. GRANDE BANK, . . . . .	7,610	-	110,000	-	-	-	-	3,130	-	300	1,886,453			
OFF NOVA SCOTIA (xxi):														
NORTHEAST CAPE BRETON, . . . . .	12,847	-	20,629,390	-	2,967	-	-	1,281	-	175,697	21,167,512			
MIDLAND BANK, . . . . .	15,141	-	8,996,150	-	2,275	-	-	1,375	-	50,490	9,262,894			
BANQUEREAU, . . . . .	287,320	-	30,241,784	-	1,594	184	-	44,812	-	202,792	39,398,086			
MIDDLE GROUND, . . . . .	36,804	-	3,017,464	-	-	-	-	5,548	-	105,268	14,817,085			
N.E. SABLE ISLAND BANK, . . . . .	413,822	-	284,950	-	-	-	-	38,709	-	6,253,998	7,072,770			
S.E. SABLE ISLAND BANK, . . . . .	802,278	-	2,795,730	-	-	-	-	43,730	-	4,002,427	7,000,927			
HORSBEOH GROUND, . . . . .	966,000	-	5,760,414	-	-	-	-	92,674	-	12,376,526	16,717,512			
S.W. SABLE ISLAND BANK, . . . . .	3,659,226	-	248,015	-	-	-	-	78,697	-	12,500	5,993,744			
EASTERN NOVA SCOTIA, . . . . .	1,206,521	-	3,659,226	-	-	-	-	2,170	-	50,488	3,940,169			
HERALD BANK, . . . . .	3,268,349	-	2,368,349	-	-	-	-	82,286	-	24,440	11,636,077			
S. BROWN AND N.A. HAVE, . . . . .	998,964	-	10,376,592	-	306	-	-	15,653	-	18,640	2,981,604			
SOUTHERN NOVA SCOTIA, . . . . .	668,301	-	5,309,397	-	-	-	-	15,672	-	180,632	7,953,848			
SOUTHERN BROWNS, . . . . .	1,548,796	-	1,288,328	-	38,411	2,700	-	228,557	5,481	26,005	15,229,918			
WESTERN NOVA SCOTIA, . . . . .	104,749	-	597,427	-	-	-	-	860	-	14,738	881,761			
NOVA SCOTIA, UNCLASSIFIED, . . . . .	5,500	-	-	-	-	-	-	150	-	-	32,470			
TOTAL, . . . . .	7,580,602	-	112,580,020	-	43,247	3,190	-	646,887	5,481	1,171,951	176,932,820			
OFF NEW ENGLAND (xxii):														
EASTERN MAINE, . . . . .	274,460	-	812,368	-	-	1,190	-	8,077	-	42,343	1,506,961			
CENTRAL MAINE, . . . . .	26,497	-	1,096,568	-	-	436,201	-	117	-	40,325	1,361,052			
WESTERN MAINE, . . . . .	1,546,230	-	4,100,801	-	-	22,300,848	-	16,685	-	98,232	11,780,159			
EASTERN MASSACHUSETTS, . . . . .	6,706,335	190,930	1,214,816	-	460	872,134	-	194,515	33,933	2,956,508	66,958,747			
INNER GROUNDS, . . . . .	1,179,846	-	34,887,313	-	550	87,979	-	6,675	-	885,694	40,425,395			
NORTHERN GULF OF MAINE, UNCL.	665	-	62,870	-	-	-	-	-	-	2,000	67,795			
EASTERN SIDE SOUTH CHANNEL, . . . . .	3,022,665	1,620	20,005,639	3,975	7,019	1,359,692	-	122,888	1,416,893	401,125	54,795,298			
NORTHERN EDGE OF GEORGES, . . . . .	3,573,950	1,195	16,923,325	-	145,744	10,940	-	245,837	3,658,675	250,676	30,995,173			
CENTRAL AND S.E. GEORGES, . . . . .	3,169,383	-	62,325	-	135,444	16,940	-	35,460	2,287,016	18,300	24,227,497			
SOUTHWEST GEORGES, . . . . .	811,430	3,125	52,350	-	-	-	-	6,145	107,433	1,450	11,952,386			
NANTUCKET SHOALS & LHTSHIP	59,180	630	-	70	33,460	-	-	28,795	1,988,768	279,743	18,093,628			
OFF NO MAN'S LAND, . . . . .	71,360	930	-	47,675	78,476	-	-	620	-	394,564	9,011,053			
SOUTHERN MASSACHUSETTS, . . . . .	200	-	-	55,390	29,730	325	-	-	-	44,628	1,940,579			
RHODE ISLAND SHORE, . . . . .	1,480	350	-	32,701	1,082	-	-	58,761	500,462	37,408	2,487,997			
RISEBANK, UNCLASSIFIED, . . . . .	996,399	-	516,175	-	117,224	6,642,021	-	193,849	1,259,868	5,717,503	44,454,649			
CAPE COD, . . . . .	458,399	-	-	-	-	-	-	-	-	-	-			
TOTAL, . . . . .	19,937,498	198,640	76,361,004	1,498,634	583,641	28,839,360	13,103,718	976,300	11,455,252	11,149,675	391,999,646			
OFF MIDDLE ATLANTIC STATES (xxiii), SOUTH, . . . . .	1,025	-	-	8,660	245	-	-	-	177,324	35,675	2,300,599			
GRAND TOTAL, . . . . .	27,526,735	198,640	189,051,024	1,607,314	627,133	28,842,850	13,103,718	1,626,317	11,638,057	12,357,801	573,119,518			

1/ EXCLUSIVE OF DUPLICATION EXCEPT THAT CRAFT LANDING AT CAPE COD PORTS MAY BE DUPLICATED WITH CRAFT LANDING AT BUREAU OF FISHERIES PORTS EAST OF BUZZARDS BAY. IT IS NOT POSSIBLE TO ALLOCATE THIS CATCH INTO SUBAREAS AS DATA ARE NOT COLLECTED ON THE AREA OF CAPTURE FOR THESE PORTS.

NOTE:--THE ROMAN NUMERALS APPEARING IN THE ABOVE TABLE REFER TO THE NUMBERS GIVEN THOSE REGIONS BY THE NORTH AMERICAN COUNCIL OF FISHERY INVESTIGATIONS.

## LANDINGS AT MAINE PORTS

In 1946, the Fish and Wildlife Service, in cooperation with the Maine Department of Sea and Shore Fisheries, began to collect, compile, and publish monthly and annual data on the landings of fish and shellfish in Maine. These data are published in detail in 'Maine Landings' which is in the Current Fishery Statistics Series of reports issued by the Service. In addition to the individual monthly reports, two annual summaries were published in 1948, one listing the catch by month, (Current Fishery Statistics, No. 458) and the other listing the catch by gear and county, (Current Fishery Statistics, No. 484).

The data on Maine landings during 1948 represent the landed weight of the fish. Figures on the landings of shellfish and marine products, other than fish, in all areas represent the round weight of the catch except for bivalve mollusks, which are reported in pounds of meats.

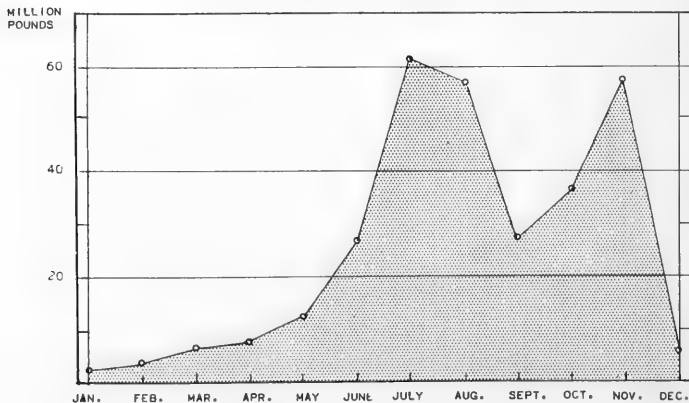
Landings of fishery products at Maine ports in 1948 totaled 305,037,517 pounds valued at \$16,183,596. This represented an increase of 38 percent in poundage and 26 percent in value compared with the previous year.

Herring, used principally in canning Maine sardines, accounted for 60 percent of the total poundage and 22 percent of the total value. Although lobsters accounted for only 5 percent of the total catch, they represented 40 percent of the value, making them the most valuable species taken.

Of the more important species, herring, rosefish, cod, haddock, white hake, pollock, mackerel, whiting, and soft clams registered important gains over 1947. The lobster fishery was the only major fishery that was appreciably smaller in 1948 than in the previous year.

During the year 37,563,619 pounds of fish and shellfish, valued at \$1,503,018 were landed at Portland. Prior to 1947, these landings were included in the bulletins entitled 'Landings at Certain New England Ports', summaries of which appear in the annual Statistical Digests. To avoid duplication, beginning in 1947, data on Portland landings were omitted from these bulletins since the data appeared in the monthly and annual Maine reports.

MAINE LANDINGS, BY MONTHS, 1948



NEW ENGLAND FISHERIES

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LANDINGS AT MAINE PORTS BY MONTHS, 1948

SPECIES	JANUARY		FEBRUARY		MARCH		APRIL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FISH								
COOD:								
ROUND:	-	-	4,412	\$226	5,252	\$257	28,659	\$567
LARGE . . . . .	-	-	1,721	82	1,592	59	47,399	1,375
MARKET . . . . .	-	-	147	7	723	14	3,536	35
SCROD . . . . .	-	-	-	-	-	-	-	-
DRAWN:								
LARGE . . . . .	65,812	\$6,844	88,390	8,893	128,676	8,532	644,650	31,772
MARKET . . . . .	34,225	2,524	77,223	5,556	101,841	4,877	201,975	9,051
SCROD . . . . .	2,516	90	5,460	158	10,619	324	35,871	1,079
HADDOCK:								
ROUND:	-	-	-	-	-	-	6,987	591
LARGE . . . . .	-	-	-	-	-	-	888	34
SCROD . . . . .	-	-	-	-	-	-	-	-
DRAWN:								
LARGE . . . . .	161,168	20,085	103,653	12,277	261,703	19,438	424,169	34,523
SCROD . . . . .	96,488	6,931	64,296	4,539	99,570	4,758	103,813	5,893
HAKE:								
RED, ROUND . . . . .	100	5	285	18	2,445	60	2,080	63
WHITE:								
ROUND . . . . .	-	-	75	3	-	-	1,600	51
DRAWN . . . . .	4/75,171	8,737	63,353	6,442	59,831	5,004	127,776	9,246
POLLOCK:								
ROUND . . . . .	8,010	140	-	-	-	-	-	-
DRAWN . . . . .	221,865	11,128	91,079	3,876	247,514	7,226	688,974	21,454
CUSK, DRAWN . . . . .	14,366	1,358	28,411	2,705	6,211	4,079	104,160	5,642
HALIBUT, DRAWN . . . . .	193	63	1,217	402	318	1,476	5,213	1,539
FLOUNDER, ROUND:								
GRAY SOLE . . . . .	12,891	1,194	33,678	3,163	61,194	4,956	68,494	4,240
LEMON SOLE . . . . .	24	1	-	-	-	-	-	-
YELLOWTAIL . . . . .	5,692	203	16,416	784	17,419	864	6,764	151
BLACKBACK . . . . .	74,790	5,314	143,359	13,765	108,946	8,157	67,325	3,429
DAB . . . . .	9,420	491	32,540	1,802	58,708	2,493	75,782	2,415
ROSEFISH (O. PERCH), ROUND . . . . .	530,771	26,429	1,751,466	86,450	3,555,654	133,546	2,664,628	89,959
WHITING:								
ROUND . . . . .	375	17	-	-	-	-	2,488	59
DRESSED . . . . .	-	-	-	-	-	-	12,317	617
WOLFFISH (CATFISH):								
ROUND . . . . .	-	-	55	2	3,181	125	-	-
DRAWN . . . . .	2,376	90	5,200	354	15,282	896	38,596	1,637
SHARK, DRESSED . . . . .	1,527	91	1,315	96	75	8	145	10
SHAD, ROUND . . . . .	-	-	-	-	80	8	-	-
ALEWIVES, ROUND . . . . .	-	-	-	-	-	-	2,030	23
SMELT, ROUND . . . . .	141,801	43,908	110,106	28,354	22,160	6,977	105,589	24,038
STURGEON, DRAWN . . . . .	-	-	-	-	-	-	32	8
EELS, ROUND . . . . .	175	19	-	-	2,000	371	-	-
SKATE WINGS . . . . .	-	-	-	-	-	-	145	7
SUCKERS, ROUND . . . . .	378	38	2,565	374	1,200	132	-	-
MISCELLANEOUS . . . . .	14,875	402	22,798	872	4,891	377	5,775	260
TOTAL . . . . .	1,474,999	136,102	2,649,220	181,200	4,838,085	215,014	5,477,920	249,768
SHELLFISH, ETC.								
CRABS . . . . .	18,584	1,101	6,277	542	27,070	1,505	52,652	3,159
CLAMS:								
SOFT . . . . .	430,916	81,915	470,996	87,335	619,842	124,315	1,367,489	224,728
HARD (QUAHOGS) . . . . .	-	-	-	-	-	-	18,658	4,665
LOBSTERS . . . . .	472,239	201,033	432,657	193,262	426,020	223,033	668,574	306,879
SHRIMP . . . . .	-	-	1,600	240	24,437	2,843	1,289	39
SCALLOPS, SEA . . . . .	49,306	28,787	23,540	13,749	54,566	30,903	239	143
MUSSELS, SEA . . . . .	4,800	320	8,985	599	28,210	1,983	26,484	3,652
PERIWINKLES . . . . .	348	117	260	121	1,413	475	1,884	526
SEA URCHINS (SEA EGGS) . . . . .	6,020	343	5,100	301	6,770	287	10,480	412
BLOODWORMS . . . . .	-	-	92	121	4,769	3,967	73,393	56,374
SANDWORMS . . . . .	-	-	-	-	-	-	1,968	1,046
LIVERS . . . . .	27,284	1,866	43,312	3,174	51,661	3,360	74,529	4,933
SPAWN . . . . .	420	30	905	136	1,274	139	678	96
TOTAL . . . . .	1,009,917	315,512	993,824	299,880	1,246,032	392,810	2,298,316	606,652
GRAND TOTAL . . . . .	2,484,916	451,614	3,643,044	481,080	6,084,117	607,824	7,776,236	856,420

(CONTINUED ON NEXT PAGE)

## LANDINGS AT MAINE PORTS BY MONTHS, 1948 - Continued

SPECIES	MAY		JUNE		JULY		AUGUST	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FISH								
COO:								
ROUND:								
LARGE . . . . .	17,311	\$542	73,585	\$2,214	46,315	\$1,391	3,999	\$117
MARKET . . . . .	92,393	3,289	117,278	2,787	16,620	390	885	18
SCROD . . . . .	413	5	26,062	263	4,821	56	405	4
DRAWN:								
LARGE . . . . .	752,202	41,980	594,833	38,336	493,524	35,442	326,194	30,482
MARKET . . . . .	357,960	13,497	253,460	8,855	159,132	5,331	167,559	6,244
SCROD . . . . .	57,091	1,257	28,959	688	18,412	402	10,410	297
Haddock:								
ROUND:								
LARGE . . . . .	394	27	12,397	637	13,601	818	3,943	198
SCROD . . . . .	-	-	1,043	21	1,865	48	1,416	34
DRAWN:								
LARGE . . . . .	320,110	25,906	556,910	35,621	334,843	23,082	489,311	37,318
SCROD . . . . .	118,906	6,432	234,405	8,607	108,765	3,561	259,650	13,386
HAKE:								
RED, ROUND . . . . .	2,660	166	10,790	337	4,500	119	17,220	778
WHITE:								
ROUND . . . . .	2,618	84	184,159	3,683	494,062	8,078	291,092	4,378
DRAWN . . . . .	449,725	28,189	664,958	20,359	672,340	17,313	497,857	17,046
POLLOCK:								
ROUND . . . . .	5,450	107	18,794	251	48,241	1,037	6,882	160
DRAWN . . . . .	379,705	13,528	777,486	15,709	623,585	15,137	649,358	22,800
COD, DRAWN . . . . .	103,705	5,083	133,703	4,665	137,940	4,182	128,339	4,569
HALLBUT, DRAWN . . . . .	6,381	1,850	10,120	2,964	5,568	1,551	1,876	584
MACKEREL, ROUND . . . . .	34,406	2,870	515,102	26,100	711,156	34,363	1,468,749	66,456
FLOUNDERS, ROUND:								
GRAY SOLE . . . . .	57,550	3,306	136,350	6,925	97,563	4,950	93,040	5,045
LEMON SOLE . . . . .	525	39	675	34	202	7	3,245	325
YELLOWTAIL . . . . .	6,592	178	30,118	2,056	365	13	140	6
BLACKBACK . . . . .	27,137	906	26,294	902	11,989	389	24,233	1,010
DAB . . . . .	70,177	2,103	92,457	2,656	59,027	1,636	41,177	1,168
OTHER . . . . .	-	-	-	-	990	20	-	-
ROSEFISH (O. PERCH), ROUND	5,358,379	172,615	9,453,913	303,837	6,990,643	200,688	6,118,854	195,204
WHITING:								
ROUND . . . . .	2,156	63	539,917	8,549	3,251,889	33,020	2,828,532	35,684
DRESSED . . . . .	11,828	586	17,179	523	164,690	4,960	23,274	755
WOLFFISH (CATFISH),								
DRAWN . . . . .	48,349	1,989	54,397	1,994	11,793	344	12,140	347
SHARK, DRESSED . . . . .	5,170	250	6,756	220	5,309	163	10,122	292
SHAD, ROUND . . . . .	-	-	206	8	345	11	118	4
TUNA, ROUND . . . . .	-	-	2,449	403	24,128	2,537	107,641	9,453
ALEVINES, ROUND . . . . .	494,080	2,534	1,371,650	8,813	-	-	-	-
HERRING, ROUND . . . . .	1,376,260	27,729	7,957,830	159,497	44,337,423	899,726	39,288,770	804,037
SMELT, ROUND . . . . .	2,813	536	-	-	-	-	-	-
STURGEON, DRAWN . . . . .	76	12	47	8	-	-	-	-
MENHADEN, ROUND . . . . .	-	-	1,055	21	17,734	130	5,320	76
SKATE WINGS . . . . .	550	28	-	-	-	-	-	-
MISCELLANEOUS . . . . .	9,831	332	3,618	97	1,643	83	1,966	43
TOTAL . . . . .	10,172,843	358,019	23,908,954	668,636	58,870,623	1,300,978	52,883,617	1,258,318
SHELLFISH, ETC.								
CRABS . . . . .	26,856	1,560	52,540	3,043	37,166	2,058	41,869	2,202
CLAMS:								
SOFT . . . . .	1,209,872	223,436	722,638	165,950	761,205	165,034	854,139	205,671
HARD (QUAHOGS) . . . . .	17,622	3,012	44,022	7,245	46,664	9,889	99,396	21,084
LOBSTERS . . . . .	982,476	355,942	861,482	336,346	1,193,370	421,634	2,446,177	962,302
SCALLOPS, SEA . . . . .	8,779	4,126	9,331	4,033	8,009	4,147	17,016	9,462
MUSSELS, SEA . . . . .	25,526	4,193	10,954	798	-	-	231	24
PERIWINKLES . . . . .	1,440	405	1,673	593	4,560	1,520	2,513	484
SEA URCHINS (SEA EGGS) . . . . .	1,500	61	-	-	-	-	-	-
BLOODWORMS . . . . .	95,570	83,822	230,186	48,466	50,893	39,068	34,362	22,236
SANDWORMS . . . . .	8,270	6,402	16,233	12,513	24,301	17,970	8,732	5,846
SEA MOSS . . . . .	-	-	408,721	8,175	150,000	3,000	-	-
LIVERS . . . . .	127,797	7,893	181,144	12,917	144,397	9,714	168,190	12,154
SPANX . . . . .	242	27	16	2	-	-	-	-
TOTAL . . . . .	2,505,430	690,879	2,538,940	602,081	2,420,565	674,034	3,672,625	1,241,555
GRAND TOTAL . . . . .	12,678,273	1,048,897	26,447,894	1,270,717	61,291,188	1,975,012	56,556,242	2,499,873

(CONTINUED ON NEXT PAGE)



NEW ENGLAND FISHERIES

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LANDINGS AT MAINE PORTS BY MONTHS, 1948 - Continued

SPECIES	SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
COD:								
ROUND:								
LARGE . . . . .	4,347	\$138	16,769	\$747	7,138	\$428	10,743	\$645
MARKET . . . . .	2,328	61	8,455	250	4,610	142	9,340	281
SCROD . . . . .	2,380	57	2,542	26	1,317	13	3,274	33
DRAWN:								
LARGE . . . . .	255,837	23,269	210,099	18,689	151,049	11,395	86,570	6,774
MARKET . . . . .	106,240	3,796	128,887	5,557	114,446	5,458	101,265	4,650
SCROD . . . . .	6,912	252	22,115	664	10,032	470	9,304	371
HADDOCK:								
ROUND:								
LARGE . . . . .	7,864	630	8,464	515	39,056	2,998	9,842	689
SCROD . . . . .	634	22	2,426	73	3,434	145	2,877	9
DRAWN:								
LARGE . . . . .	368,044	30,970	505,744	44,807	464,489	41,483	348,315	29,356
SCROD . . . . .	118,780	5,922	148,220	7,190	124,351	6,252	121,054	6,165
HAKE:								
RED, ROUND . . . . .	5,290	197	7,940	332	6,100	305	595	18
WHITE:								
ROUND . . . . .	126,283	2,712	19,905	486	15,623	389	5,229	131
DRAWN . . . . .	616,804	36,420	691,125	36,406	372,771	16,993	141,366	9,232
POLLOCK:								
ROUND:								
. . . . .	2,534	30	25,364	668	644	16	1,042	21
DRAWN:								
. . . . .	588,983	23,686	624,192	28,744	801,117	28,669	489,733	14,745
CUSH, DRAWN . . . . .	108,610	4,102	85,968	3,797	60,591	2,908	46,765	2,744
HALIBUT, DRAWN . . . . .	1,068	399	1,339	407	3,371	1,097	1,093	526
MACKEREL, ROUND . . . . .	737,274	39,618	611,731	21,454	3,770	387	9,342	669
FLOUNDERS, ROUND:								
GRAY SOLE . . . . .	92,499	5,733	48,977	3,220	30,719	1,802	20,440	1,190
LEMON SOLE . . . . .	775	41	200	20	-	-	2,720	163
YELLOWTAIL . . . . .	-	-	6,989	498	12,767	946	14,456	1,646
BLACKBACK . . . . .	95,172	4,754	91,053	4,771	95,643	4,499	103,253	5,227
DAB . . . . .	39,349	1,217	43,327	1,429	25,724	1,006	16,181	515
ROSEFISH (O-PERCH), ROUND-WHITING:	5,001,402	196,972	4,168,237	175,115	2,063,200	78,735	1,384,263	52,219
ROUND . . . . .	1,170,629	18,013	582,741	9,675	33,376	627	70	1
DRESSED . . . . .	10,813	391	1,180	34	-	-	1,100	44
WOLFFISH (CATFISH), DRAWN	6,716	203	8,619	336	4,677	187	5,251	198
SHARK, DRESSED . . . . .	7,319	194	8,119	211	2,640	56	922	30
SHAD, ROUND . . . . .	555	22	458	13	155	6	535	14
TUNA, ROUND . . . . .	93,760	6,563	1,160	139	-	-	-	-
HERRING, ROUND . . . . .	12,416,170	252,261	24,874,390	503,441	50,165,077	800,580	2,045,095	39,184
SMELT, ROUND . . . . .	25,069	4,877	99,377	21,678	24,835	4,732	10,486	2,191
STURGEON, DRAWN . . . . .	73	11	-	-	-	-	-	-
SWORDFISH, DRAWN . . . . .	461	258	-	-	-	-	-	-
EELS, ROUND . . . . .	4,500	900	8,000	960	856	103	4,700	1,181
MISCELLANEOUS . . . . .	13,925	294	7,480	107	10,200	230	1,375	26
TOTAL . . . . .	22,039,499	664,925	33,071,592	892,459	54,654,778	1,013,057	5,006,016	180,688
SHELLFISH, ETC.								
CRABS . . . . .	29,662	2,339	20,929	1,078	9,879	479	16,602	812
CLAMS:								
SOFT (QUAHOGS) . . . . .	683,177	155,890	588,986	118,394	553,774	108,587	706,328	139,952
HARD . . . . .	24,937	5,486	35,949	6,708	-	-	1,429	259
LOBSTERS . . . . .	2,882,946	1,090,065	2,441,399	1,049,850	1,956,263	834,970	1,159,450	464,068
SCALLOPS, SEA . . . . .	8,066	4,248	8,743	4,593	146,311	65,986	119,780	47,485
MUSSELS, SEA . . . . .	3,597	288	1,472	97	-	-	13,870	1,111
PERIWINKLES . . . . .	1,170	625	1,784	357	2,376	940	252	50
SEA URCHINS (SEA EGGS) . . . . .	175	8	-	-	805	41	149,235	2,995
BLOODWORMS . . . . .	39,855	24,846	25,736	15,674	13,650	10,470	-	-
SANDWORMS . . . . .	11,175	7,095	5,831	5,263	50	20	1,311	1,152
SEA MOSS . . . . .	925,000	18,500	-	-	-	-	-	-
LIVERS . . . . .	147,590	10,518	231,273	15,626	190,505	13,351	121,592	9,487
SPAWN . . . . .	-	-	252	19	9,463	506	11,092	742
TOTAL . . . . .	4,757,351	1,319,908	3,362,354	1,217,659	2,883,076	1,035,350	2,300,941	668,113
GRAND TOTAL . . . . .	26,796,850	1,984,833	36,433,946	2,110,118	57,537,854	2,048,407	7,306,957	848,801

## NEW ENGLAND FISHERIES

## LANDINGS AT MAINE PORTS, 1948 and 1947

SPECIES	TOTAL			
	1948		1947	
	POUNDS	VALUE	POUNDS	VALUE
FISH				
COD:				
ROUND:				
LARGE . . . . .	218,430	\$7,272	(1)	(1)
MARKET . . . . .	302,621	8,734	(1)	(1)
SCROD . . . . .	45,620	513	(1)	(1)
DRAWN:				
LARGE . . . . .	3,797,836	262,408	4,205,109	\$234,190
MARKET . . . . .	1,804,213	75,396	(1)	(1)
SCROD . . . . .	217,700	6,052	(1)	(1)
HADDOCK:				
ROUND:				
LARGE . . . . .	102,548	7,103	(2)	(2)
SCROD . . . . .	11,993	386	(2)	(2)
DRAWN:				
LARGE . . . . .	4,338,459	354,866	3,388,860	231,641
SCROD . . . . .	1,598,298	79,636	(2)	(2)
HAKE:				
RED, ROUND . . . . .	60,005	2,394	46,636	1,176
WHITE:				
ROUND . . . . .	1,140,646	19,995	(3)	(3)
DRAWN . . . . .	4,433,077	211,387	3,494,431	160,117
POLLOCK				
ROUND . . . . .	116,961	2,430	(5)	(5)
DRAWN . . . . .	6,183,591	206,702	4,310,107	137,551
CUSK, DRAWN . . . . .	1,014,369	45,834	567,132	26,984
HALLIBUT, DRAWN . . . . .	42,757	12,598	40,271	11,381
MACKEREL, ROUND . . . . .	4,091,530	191,917	1,689,724	55,608
FLOUNDERS, ROUND:				
GRAY SOLE . . . . .	753,385	45,724	616,837	29,647
LEMON SOLE . . . . .	8,366	630	13,266	419
YELLOWTAIL . . . . .	117,718	7,345	91,116	2,890
BLACKBACK . . . . .	870,194	53,123	606,108	25,266
DAB . . . . .	563,869	18,931	380,746	11,167
OTHER . . . . .	990	20	60	2
ROSEFISH (O. PERCH), ROUND . . . . .	49,041,410	1,711,769	39,988,130	1,224,090
WHITING:				
ROUND . . . . .	8,412,173	105,708	6,015,299	73,658
DRESSED . . . . .	242,381	7,910	(6)	(6)
WOLFFISH (CATFISH):				
ROUND . . . . .	3,236	127	(7)	(7)
DRAWN . . . . .	213,406	8,575	118,396	3,148
SHARKS, DRESSED . . . . .	49,419	1,621	79,356	3,939
SHAD, ROUND . . . . .	2,552	86	304,395	6,223
TUNA, ROUND . . . . .	229,138	19,095	186,630	13,013
ALEWIVES, ROUND . . . . .	1,867,820	11,370	1,498,900	11,674
HERRING, ROUND . . . . .	182,460,955	3,486,455	121,317,640	1,515,504
SMELT, ROUND . . . . .	542,236	137,291	599,625	139,608
STURGEON, DRAWN . . . . .	228	39	313	50
SWORDFISH, DRAWN . . . . .	461	258	245	110
EELS, ROUND . . . . .	20,231	3,534	19,200	3,240
MENHADEN, ROUND . . . . .	24,109	227	14,000	140
SKATE WINGS . . . . .	695	35	225	E
SUCKERS, ROUND . . . . .	4,143	544	-	-
SALMON . . . . .	-	-	3,600	2,160
MISCELLANEOUS . . . . .	98,377	3,123	63,495	2,167
TOTAL . . . . .	275,048,146	7,119,163	189,659,853	3,926,768
SHELLFISH, ETC.				
CRABS . . . . .	340,086	19,878	320,169	16,136
CLAMS:				
SOFT . . . . .	8,969,362	1,801,207	7,898,292	1,496,642
HARD (QUAHOGS) . . . . .	288,677	60,348	96,302	27,662
LOBSTERS . . . . .	15,923,053	6,439,474	18,277,093	6,816,196
SHRIMP . . . . .	27,325	3,122	193,699	10,571
SCALLOPS, SEA . . . . .	453,686	217,662	507,032	257,476
MUSSELS, SEA . . . . .	124,129	13,365	40,260	859
PERIWINKLES . . . . .	19,773	6,213	38,813	4,566

SEE FOOTNOTES AT END OF TABLE

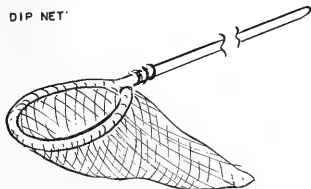
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LANDINGS AT MAINE PORTS, 1948 and 1947 - Continued

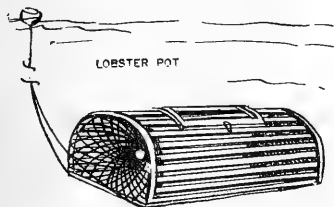
SPECIES	TOTAL			
	1948		1947	
SHELLFISH, ETC. - CONTINUED	POUNDS	VALUE	POUNDS	VALUE
SQUID. . . . .	-	-	525	\$9
SEA URCHINS (SEA EGGS) . . . . .	180,085	\$4,448	57,777	2,499
BLOODWORMS . . . . .	567,987	305,044	163,633	144,530
SANDWORMS . . . . .	77,871	57,307	51,157	37,086
SEA MOSS . . . . .	1,483,721	29,675	1,643,607	40,070
LIVERS . . . . .	1,509,274	104,993	1,340,100	85,624
SPAWN. . . . .	24,342	1,697	56,832	3,395
TOTAL. . . . .	29,989,371	9,064,433	30,685,291	8,943,321
GRAND TOTAL. . . . .	305,037,517	16,183,596	220,345,144	12,870,089

- 1/ INCLUDED WITH COD, DRAWN, LARGE.
- 2/ INCLUDED WITH HADDOCK, DRAWN, LARGE.
- 3/ INCLUDED WITH HAKE, WHITE, DRAWN.
- 4/ REVISED.
- 5/ INCLUDED WITH POLLOCK, DRAWN.
- 6/ INCLUDED WITH WHITING, ROUND.
- 7/ INCLUDED WITH WOLFFISH, (CATFISH) DRAWN.

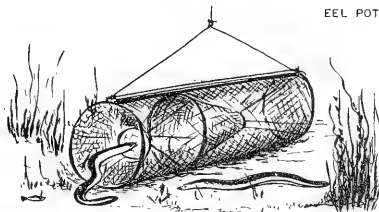
DIP NET



LOBSTER POT



EEL POT



HERRING WEIR



## SECTION 3- MIDDLE ATLANTIC FISHERIES

(Area XXIII)<sup>4</sup>

Although the fisheries of the coastal areas of the Middle Atlantic States (New York, New Jersey, Pennsylvania and Delaware) during 1948 showed a decrease of over 131 million pounds compared with the previous year, the value of the catch to the fishermen was \$216,924 greater. The menhaden catch during 1948, which amounted to 389,188,200 pounds was nearly 120 million pounds under the record catch of the previous year. The landings of some of the more important food fish, such as haddock, red hake, herring, mackerel, sea trout (weakfish), and whiting, showed a marked decrease compared with the banner 1947 catch, however, a few species recorded important gains. These included sea bass, scup or porgy, scallops and lobsters.

The 1948 catch of fish and shellfish in the coastal areas of the Middle Atlantic States totaled 500,992,200 pounds, valued at \$28,641,981, to the fishermen. This represented a decrease of 21 percent in quantity but an increase of 1 percent in value compared with 1947.

New Jersey, with 216,803,000 pounds, valued at \$10,871,685, had the largest production in the section; followed by Delaware with 154,482,200 pounds, valued at \$3,547,933; and New York, with 129,707,000 pounds, valued at \$14,222,363.

There was no commercial catch in the coastal area of Pennsylvania during 1948

Menhaden was the most important species taken in the Middle Atlantic States during 1948 from the standpoint of quantity, accounting for 78 percent of the total catch, and 17 percent of the total value. The production of shellfish, consisting principally of clams, oysters and scallops, accounted for 9 percent of the total poundage and 58 percent of the total value. The most valuable finfish used for food were sea bass and fluke.

The number of fishermen operating in the Middle Atlantic States increased from 15,423 in 1947, to 15,662 in 1948. During the same period, the number of fishing vessels of over five net tons increased from 591 to 629. Ten years before, in 1938, the number of men was only 7,549 and the number of vessels, 409.

The production of canned fishery products and byproducts in New York and New Jersey, Pennsylvania, and Delaware during 1948 was valued at \$21,209,910 to the processors - a decrease of 20 percent compared with the previous year. The most valuable item produced was canned clam products, valued at 5.2 million dollars. Marine-pearl buttons, worth \$4,857,512 were in second place, followed by menhaden oil valued at \$4,778,314. A total of 15 plants were engaged in the canning of fishery products in these states in 1948 while 38 processed fishery byproducts.

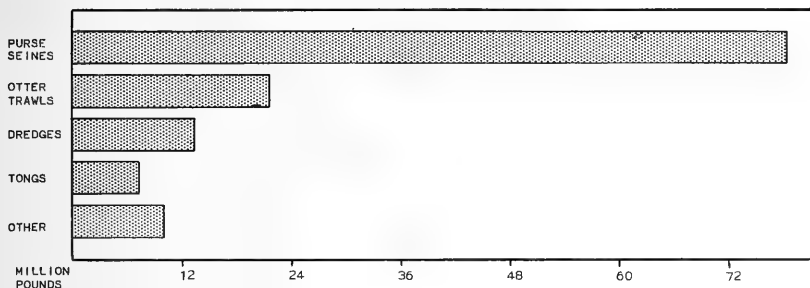
Approximately 9.3 million pounds of packaged fish were processed in the Middle Atlantic States during 1948. Flounders and haddock were the most important species packaged. While there was a gain in the production of packaged fish in this area during 1948 compared with the previous year, the yield would have been greater had not competition with fillets from New England and foreign countries prevented operations on a larger scale.

The last complete survey of the fishery transporting, wholesaling, and manufacturing industries was made for 1940. In that year, 215 men were employed in the operation of 72 vessels and boats engaged in the transporting trade, and 5,880 persons were employed in wholesale and manufacturing establishments. The latter employees received \$6,736,554 in salaries and wages during 1940. Detailed statistics on these branches of the industry for that year can be found in Fishery Statistics of the United States, 1944, (Statistical Digest No. 16).

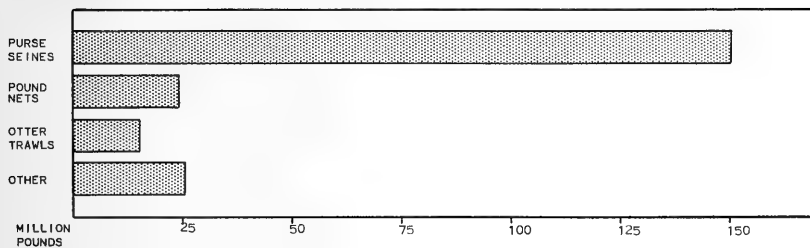
Condensed summary data of the operating units and catch by states of the Middle Atlantic fisheries, appearing in the following pages, have previously been published in Current Fishery Statistics No. 586.

<sup>4</sup> This number was assigned to this area by the North American Council on Fishery Investigations. It should be explained that there are included in this area craft whose principal fishing ports are in the area but at times fish elsewhere. A notable example is the southern trawl fishery which extends into Area XXIV.

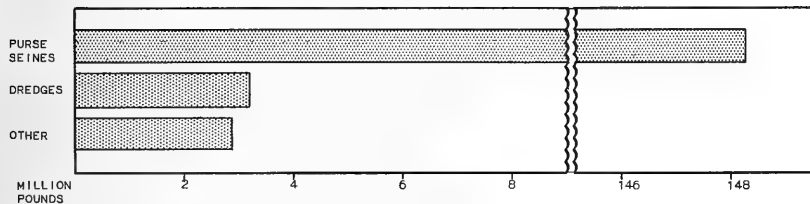
NEW YORK: CATCH BY GEAR, 1948



NEW JERSEY: CATCH BY GEAR, 1948



DELAWARE: CATCH BY GEAR, 1948



## MIDDLE ATLANTIC FISHERIES SECTIONAL SUMMARIES

### SUMMARY OF CATCH, 1948

PRODUCT	NEW YORK		NEW JERSEY	
	POUNDS	VALUE	POUNDS	VALUE
FISH . . . . .	106,547,000	\$4,393,436	199,581,200	\$5,502,935
SHELLFISH, ETC. . . . .	23,160,000	9,828,927	17,221,800	5,368,750
TOTAL . . . . .	129,707,000	14,222,363	216,803,000	10,871,685

PRODUCT	DELAWARE		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE
FISH . . . . .	149,990,000	\$2,250,688	456,118,200	\$12,147,059
SHELLFISH, ETC. . . . .	4,492,200	1,297,245	44,874,000	16,494,922
TOTAL . . . . .	154,482,200	3,547,933	500,992,200	28,641,981

### SUMMARY OF OPERATING UNITS, 1948

ITEM	NEW YORK	NEW JERSEY	DELAWARE	TOTAL
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS . . . . .	854	2,265	897	4,016
ON BOATS AND SHORE:				
REGULAR . . . . .	3,182	1,347	166	4,695
CASUAL . . . . .	5,141	1,553	257	6,951
TOTAL . . . . .	9,177	5,165	1,320	15,662
VESSELS:				
MOTOR . . . . .	206	359	63	628
NET TONNAGE . . . . .	4,260	6,503	2,619	13,382
STEAM . . . . .	-	-	1	1
NET TONNAGE . . . . .	-	-	46	46
TOTAL VESSELS . . . . .	206	359	64	629
TOTAL NET TONNAGE . . . . .	4,260	6,503	2,665	13,428
BOATS:				
MOTOR . . . . .	3,826	1,530	202	5,558
OTHER . . . . .	408	1,012	127	1,547
ACCESSORY BOATS . . . . .	40	64	78	182
APPARATUS:				
PURSE SEINES:				
MENHADEN . . . . .	8	20	26	54
LENGTH, YARDS . . . . .	3,200	6,240	10,400	19,840
OTHER . . . . .	-	2	63	65
LENGTH, YARDS . . . . .	-	800	19,500	20,300
HAUL SEINES, COMMON . . . . .	141	30	-	171
LENGTH, YARDS . . . . .	85,504	4,200	-	89,704
GILL NETS:				
DRIFT . . . . .	245	784	37	1,066
SQUARE YARDS . . . . .	806,300	1,109,188	43,300	1,958,788
RUNAROUND . . . . .	-	35	12	47
SQUARE YARDS . . . . .	-	56,000	19,200	75,200
STAKE . . . . .	155	220	-	399
SQUARE YARDS . . . . .	91,000	273,080	23,600	387,680
LINES:				
HAND . . . . .	1,007	1,040	-	2,047
HOOKS . . . . .	1,628	1,178	-	2,806
TRAWL OR TROT WITH HOOKS . . . . .	91	788	-	879
HOOKS . . . . .	24,760	263,100	-	287,860
TROLL . . . . .	3	90	-	93
HOOKS . . . . .	3	94	-	97
TROT WITH BAITS OR SNOODS . . . . .	-	44	96	140
BAITS OR SNOODS . . . . .	-	34,000	75,600	109,600
POUND NETS . . . . .	161	122	-	283
WEIRS . . . . .	-	42	-	42
STOP NETS . . . . .	-	5	-	5
SQUARE YARDS . . . . .	-	2,500	-	2,500
FYKE NETS, FISH . . . . .	441	339	88	868
DIP NETS, COMMON . . . . .	9	23	42	74
OTTER TRAWLS, FISH . . . . .	188	107	10	305
YARDS AT MOUTH . . . . .	3,072	2,168	137	5,377
BEAM TRAWLS . . . . .	-	21	-	21
YARDS AT MOUTH . . . . .	-	35	-	35
POTS:				
CONCH . . . . .	2,000	-	-	2,000
CRAB . . . . .	-	-	480	480
EEL . . . . .	1,766	1,228	200	3,194
FISH . . . . .	943	20,200	-	21,143
LOBSTER . . . . .	11,092	7,821	-	18,913

(CONTINUED ON NEXT PAGE)

MIDDLE ATLANTIC FISHERIES

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SUMMARY OF OPERATING UNITS, 1948 - Continued

ITEM	NEW YORK	NEW JERSEY	DELAWARE	TOTAL
	NUMBER	NUMBER	NUMBER	NUMBER
APPARATUS - CONTINUED:				
HARPOONS . . . . .	26	-	-	26
DREDGES:				
CLAM . . . . .	55	38	-	93
YARDS AT MOUTH . . . . .	42	42	-	84
CRAB . . . . .	-	33	38	71
YARDS AT MOUTH . . . . .	-	66	76	142
OYSTER, COMMON . . . . .	54	282	56	392
YARDS AT MOUTH . . . . .	77	378	84	539
SCALLOP . . . . .	68	16	-	84
YARDS AT MOUTH . . . . .	142	61	-	203
TONGS:				
OYSTER . . . . .	1,182	194	130	1,506
OTHER . . . . .	6,463	769	20	7,252
RAKES, OTHER THAN FOR OYSTERS	979	964	60	2,003
HOES . . . . .	-	235	-	235

CATCH BY STATES, 1948

SPECIES	NEW YORK		NEW JERSEY	
	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES . . . . .	132,000	\$3,948	171,200	\$5,136
AMBERJACK . . . . .	-	-	3,000	300
ANGLER FISH . . . . .	-	-	11,700	351
BLUEFISH . . . . .	240,400	60,921	611,300	183,390
BUTTER FISH . . . . .	900,900	135,135	1,286,500	141,685
CARP . . . . .	177,800	11,699	19,000	1,570
CATFISH AND BULLHEADS	28,600	3,215	44,100	3,818
COD . . . . .	1,743,300	217,878	1,279,600	217,262
CROAKER . . . . .	-	-	339,300	50,895
DOLPHIN . . . . .	100	3	-	-
DRUM, BLACK	-	-	23,500	1,175
EELS:				
COMMON . . . . .	232,400	43,356	90,300	9,180
CONGER . . . . .	5,600	125	27,700	831
FLOUNDERS:				
GRAY SOLE . . . . .	42,000	2,900	13,300	1,064
YELLOWTAIL . . . . .	2,728,000	341,070	50,400	5,040
BLACKBACK . . . . .	1,535,800	116,646	154,400	6,560
DAB . . . . .	17,500	500	13,100	546
FLUKE . . . . .	2,307,500	509,365	3,043,900	456,585
UNCLASSIFIED . . . . .	-	-	26,500	2,355
FRIGATE MACKEREL . . . . .	66,700	2,678	8,600	425
GIZZARD SHAD . . . . .	-	-	20,600	618
GRAY FISH . . . . .	3,000	150	-	-
HADDOCK . . . . .	1,757,600	210,900	10,100	707
HAKE:				
RED . . . . .	173,800	6,248	647,000	12,940
WHITE . . . . .	87,300	9,530	87,100	4,345
HALIBUT . . . . .	4,400	800	-	-
HERRING, SEA . . . . .	22,000	650	1,658,200	49,746
HICKORY SHAD . . . . .	-	-	800	24
KING MACKEREL . . . . .	-	-	7,100	710
KING WHITING OR KINGFISH	15,800	1,350	62,500	5,919
MACKEREL . . . . .	2,561,800	324,695	5,234,800	418,184
MENHADEN . . . . .	76,852,000	777,527	164,033,700	1,991,899
MULLET . . . . .	-	-	1,200	36
POLLOCK . . . . .	98,300	7,862	2,700	189
SCUP OR PORGY . . . . .	6,152,000	492,345	8,347,500	289,960
SEA BASS . . . . .	2,308,400	347,589	4,833,700	695,919
SEA ROBIN . . . . .	4,600	82	8,700	204
SEA TROUT OR WEAKFISH, GRAY	1,002,400	200,458	3,305,800	396,405
SHAD . . . . .	1,393,200	193,734	1,853,200	377,110
SHARKS . . . . .	6,200	310	52,800	1,584
SILVERSIDES . . . . .	253,500	15,210	-	-
SKATES . . . . .	11,800	827	27,600	828
SMELT . . . . .	500	150	-	-
SPOT . . . . .	-	-	6,800	344
STRIPED BASS . . . . .	355,900	104,403	40,500	10,125
STURGEON . . . . .	19,300	4,473	5,600	1,545
SUCKERS . . . . .	34,800	915	300	9
SUNFISH . . . . .	1,700	185	-	-
SWELLFISH . . . . .	996,800	49,759	140,500	5,620
SWORDFISH . . . . .	44,700	24,650	700	350
TAUTOG . . . . .	4,700	335	48,000	1,440

(CONTINUED ON NEXT PAGE)

## MIDDLE ATLANTIC FISHERIES

## CATCH BY STATES, 1948 - Continued

SPECIES	NEW YORK		NEW JERSEY	
	POUNDS	VALUE	POUNDS	VALUE
FISH - CONTINUED				
TILEFISH . . . . .	562,600	\$56,300	53,200	\$5,852
TOMCOD . . . . .	200	30	-	-
TUNA AND TUNALIKE FISHES:				
BLUEFIN . . . . .	72,100	9,100	47,100	9,420
BONITO . . . . .	10,300	2,024	28,500	4,265
LITTLE . . . . .	28,300	3,500	556,800	55,680
TOTAL TUNA . . . . .	110,700	14,624	632,400	69,365
WHITE BAIT . . . . .	10,600	2,656	-	-
WHITE PERCH . . . . .	33,000	3,161	41,700	2,909
WHITING . . . . .	843,900	50,926	798,100	47,886
WOLFFISH . . . . .	3,400	75	190,000	11,400
YELLOW PERCH . . . . .	21,700	1,419	1,400	140
UNCLASSIFIED:				
FOR FOOD . . . . .	415,800	37,520	209,500	10,455
OTHER . . . . .	219,000	2,150	-	-
TOTAL . . . . .	106,547,000	4,393,436	199,581,200	5,502,935
SHELLFISH, ETC.				
CRABS, BLUE:				
HARD . . . . .	14,700	2,032	659,900	98,865
SOFT AND PEELERS . . . . .	-	-	3,000	1,050
HORSESHOE CRABS . . . . .	-	-	940,000	3,825
LOBSTERS, NORTHERN . . . . .	361,400	161,285	397,300	169,977
SHRIMP . . . . .	-	-	100,000	50,000
CLAMS:				
HARD, PUBLIC . . . . .	7,270,800	2,424,183	3,974,200	1,589,680
HARD, PRIVATE . . . . .	-	-	32,400	12,960
SOFT, PUBLIC . . . . .	222,700	70,615	3,250,000	568,750
SURF OR SKIMMER . . . . .	3,520,900	366,000	177,000	23,110
TOTAL CLAMS . . . . .	11,014,400	2,860,798	7,433,600	2,194,500
CONCHS . . . . .	133,600	35,624	98,000	14,700
MUSSELS, SEA . . . . .	266,700	62,665	-	-
OYSTERS, MARKET:				
PUBLIC, SPRING . . . . .	47,800	32,020	29,200	11,680
PUBLIC, FALL . . . . .	32,600	21,795	29,000	11,600
PRIVATE, SPRING . . . . .	3,333,200	2,222,133	2,856,000	1,142,400
PRIVATE, FALL . . . . .	3,538,400	2,445,597	3,074,100	1,229,640
TOTAL OYSTERS . . . . .	6,952,000	4,721,545	5,988,300	2,395,320
SCALLOPS:				
BAY . . . . .	44,100	52,908	-	-
SEA . . . . .	3,318,200	1,825,545	835,100	375,495
SQUID . . . . .	1,054,900	106,525	765,600	64,968
TURTLES, SNAPPER . . . . .	-	-	1,000	50
TOTAL . . . . .	23,160,000	9,828,927	17,221,800	5,368,750
GRAND TOTAL . . . . .	129,707,000	14,222,363	216,803,000	10,871,685

SPECIES	DELAWARE		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE
FISH				
ALEWIVES . . . . .	5,500	\$165	308,700	\$9,249
AMBERJACK . . . . .	-	-	3,000	300
ANGLERFISH . . . . .	-	-	11,700	351
BLUEFISH . . . . .	5,400	1,620	857,100	245,931
BUTTERFISH . . . . .	7,800	702	2,195,200	277,522
CARP . . . . .	2,000	180	198,800	13,449
CATFISH AND BULLHEADS . . . . .	-	-	72,700	7,033
COD . . . . .	5,400	864	3,028,300	136,004
CROAKER . . . . .	32,300	3,230	371,600	54,125
DOLPHIN . . . . .	-	-	100	3
DRUM, BLACK . . . . .	2,800	140	26,300	1,315
EELS:				
COMMON . . . . .	18,200	1,820	340,900	54,356
CONGER . . . . .	-	-	33,300	956
FLOUNDERS:				
GRAY SOLE . . . . .	-	-	55,300	3,964
YELLOWTAIL . . . . .	-	-	2,778,400	346,110
BLACKBACK . . . . .	32,000	960	1,722,200	124,166
DAB . . . . .	-	-	30,600	1,046
FLUKE . . . . .	15,000	3,000	5,366,400	968,950
UNCLASSIFIED . . . . .	3,200	320	29,700	2,675

(CONTINUED ON NEXT PAGE)



**MIDDLE ATLANTIC FISHERIES**  
CATCH BY STATES, 1948 - Continued

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SPECIES	DELAWARE		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE
FISH - CONTINUED				
FRIGATE MACKEREL . . . . .	-	-	75,300	\$3,103
GIZZARD SHAD. . . . .	-	-	20,600	618
GRAYFISH. . . . .	-	-	3,000	150
HADDOCK . . . . .	-	-	1,767,700	211,607
HAKE:				
RED . . . . .	158,000	\$4,740	978,800	23,928
WHITE . . . . .	300	15	174,700	13,890
HALIBUT . . . . .	-	-	4,400	800
HERRING, SEA. . . . .	20,200	606	1,700,400	51,002
HICKORY SHAD. . . . .	3,000	90	3,800	114
KING MACKEREL . . . . .	11,200	896	18,300	1,606
KING WHITING OR "KINGFISH" . . . . .	-	-	79,300	7,269
MACKEREL. . . . .	1,000	80	7,797,600	742,959
MENHADEN. . . . .	148,302,552	2,053,152	389,188,200	4,822,578
MULLET. . . . .	65,400	1,962	66,600	1,998
POLLOCK . . . . .	-	-	101,000	8,051
SCUP OR PORGY . . . . .	80,000	2,400	14,579,500	784,705
SEA BASS. . . . .	1,800	270	7,143,900	1,043,777
SEA ROBIN . . . . .	-	-	13,300	286
SEA TROUT OR WEAKFISH, GRAY . . . . .	639,600	51,168	4,947,800	648,031
SHAD. . . . .	52,900	13,297	3,299,300	584,141
SHARKS. . . . .	-	-	59,000	1,894
SILVERSIDES . . . . .	-	-	253,500	15,210
SKATES. . . . .	-	-	39,400	1,655
SMELT . . . . .	-	-	500	150
SPOT. . . . .	65,000	9,750	71,800	10,094
STRIPED BASS. . . . .	360,900	90,225	757,300	204,753
STURGEON. . . . .	1,300	465	26,200	6,483
SUCKERS . . . . .	-	-	35,100	924
SUNFISH . . . . .	-	-	1,700	185
SWELLFISH . . . . .	-	-	1,137,300	55,379
SWORDFISH . . . . .	-	-	45,400	25,000
TAUTOG. . . . .	-	-	52,700	1,775
TILEFISH. . . . .	-	-	615,800	62,152
TOMCOD. . . . .	-	-	200	30
TUNA AND TUNALIKE FISHES:				
BLUEFIN . . . . .	-	-	119,200	18,520
BONITO. . . . .	-	-	38,800	6,289
LITTLE. . . . .	-	-	585,100	59,180
TOTAL TUNA. . . . .	-	-	743,100	83,989
WHITE BAIT. . . . .	-	-	10,600	2,655
WHITE PERCH . . . . .	51,100	6,132	125,800	12,202
WHITING . . . . .	12,900	774	1,654,900	99,586
WOLFFISH. . . . .	-	-	193,400	11,475
YELLOW PERCH. . . . .	-	-	23,100	1,559
UNCLASSIFIED:				
FOR FOOD. . . . .	33,300	1,665	658,600	49,640
OTHER . . . . .	-	-	219,000	2,150
TOTAL . . . . .	149,990,000	2,250,688	456,118,200	12,147,059
SHELLFISH, ETC.				
-RABS, BLUE:				
HARD. . . . .	1,459,000	152,950	2,133,600	253,847
SOFT AND PEELERS. . . . .	8,700	2,700	11,700	3,750
HORSESHOE CRABS . . . . .	-	-	940,000	3,825
LOBSTERS, NORTHERN. . . . .	-	-	758,700	331,262
SHRIMP. . . . .	-	-	100,000	50,000
CLAMS:				
HARD, PUBLIC. . . . .	112,600	44,820	11,357,600	4,058,683
HARD, PRIVATE . . . . .	45,000	18,000	77,400	30,960
SOFT, PUBLIC. . . . .	-	-	3,472,700	639,365
SURF OR SKIMMER . . . . .	-	-	3,697,900	389,110
TOTAL CLAMS . . . . .	157,600	62,820	18,605,600	5,118,118
CONCHS. . . . .	2,400	360	234,000	50,684
MUSSELS, SEA. . . . .	-	-	266,700	62,665
OYSTERS, MARKET:				
PUBLIC, SPRING. . . . .	-	-	77,000	43,700
PUBLIC, FALL. . . . .	1,500,000	568,000	1,561,600	601,395
PRIVATE, SPRING . . . . .	-	-	6,189,200	3,364,533
PRIVATE, FALL . . . . .	1,350,000	509,400	7,962,500	4,184,637
TOTAL OYSTERS . . . . .	2,850,000	1,077,400	15,790,300	8,194,265
SCALLOPS:				
BAY . . . . .	-	-	44,100	52,908
SEA . . . . .	-	-	4,153,300	2,201,040
SQUID . . . . .	14,500	1,015	1,835,000	172,508
TURTLES, SNAPPER. . . . .	-	-	1,000	50
TOTAL . . . . .	4,492,200	1,297,245	44,874,000	16,494,922
GRAND TOTAL . . . . .	154,482,200	3,547,933	500,992,200	28,641,981

## MIDDLE ATLANTIC FISHERIES

## SUPPLEMENTARY REVIEW OF THE CATCH OF CERTAIN SHELLFISH, 1948

ITEM		NEW YORK		NEW JERSEY	
		QUANTITY	VALUE	QUANTITY	VALUE
CRABS, BLUE:					
HARD	NUMBER	44,100	\$2,032	1,979,000	\$98,865
SOFT	DO	-	-	12,000	1,050
HORSESHOE CRABS	DO	-	-	313,333	3,825
CLAMS:					
HARD, PUBLIC	BUSHEL	605,900	2,424,183	441,578	1,589,680
HARD, PRIVATE	DO	-	-	3,600	12,960
SOFT, PUBLIC	DO	13,919	70,615	162,500	568,750
SURF	DO	293,408	366,000	14,750	23,110
CONCHS	DO	8,907	35,624	7,000	14,700
MUSSELS, SEA	DO	26,670	62,665	-	-
OYSTERS, MARKET:					
PUBLIC, SPRING	DO	6,373	32,020	4,171	11,680
PUBLIC, FALL	DO	4,347	21,795	4,143	11,600
PRIVATE, SPRING	DO	444,427	2,222,133	408,000	1,142,400
PRIVATE, FALL	DO	471,787	2,445,597	439,157	1,229,640
SCALLOPS:					
BAY	DO	8,820	52,908	-	-
SEA	DO	553,033	1,825,545	139,183	375,495
ITEM		DELAWARE		TOTAL	
		QUANTITY	VALUE	QUANTITY	VALUE
CRABS, BLUE:					
HARD	NUMBER	4,377,000	\$152,950	6,400,100	\$253,847
SOFT	DO	34,800	2,700	46,800	3,750
HORSESHOE CRABS	DO	-	-	313,333	3,825
CLAMS:					
HARD, PUBLIC	BUSHEL	12,511	44,820	1,059,987	4,058,683
HARD, PRIVATE	DO	5,000	18,000	8,600	30,960
SOFT, PUBLIC	DO	-	-	176,419	639,365
SURF	DO	-	-	308,158	389,110
CONCHS	DO	171	360	16,078	50,684
MUSSELS, SEA	DO	-	-	26,670	62,665
OYSTERS, MARKET:					
PUBLIC, SPRING	DO	-	-	10,544	43,700
PUBLIC, FALL	DO	250,000	568,000	258,490	601,395
PRIVATE, SPRING	DO	-	-	852,427	3,364,533
PRIVATE, FALL	DO	225,000	509,400	1,135,944	4,184,637
SCALLOPS:					
BAY	DO	-	-	8,820	52,908
SEA	DO	-	-	692,216	2,201,040

NOTE:--BUSHEL REPRESENT U. S. STANDARD BUSHEL OF 2,150.4 CUBIC INCHES CAPACITY.

## AVERAGE WEIGHTS OF CERTAIN SHELLFISH, 1948

ITEM		NEW YORK	NEW JERSEY	DELAWARE
		QUANTITY	QUANTITY	QUANTITY
CRABS, BLUE:				
HARD	NUMBER PER POUND	3.00	3.00	3.00
SOFT	DO	-	4.00	4.00
HORSESHOE CRABS	POUNDS PER CRAB	-	3.00	-
CLAMS:				
HARD, PUBLIC	LBS. OF MEATS PER U.S. STANDARD BUSHEL	12.00	9.00	9.00
HARD, PRIVATE	DO	-	9.00	9.00
SOFT, PUBLIC	DO	16.00	20.00	-
SURF	DO	12.00	12.00	-
CONCHS	DO	15.00	14.00	14.00
MUSSELS, SEA	DO	10.00	-	-
OYSTERS, MARKET:				
PUBLIC, SPRING	DO	7.50	7.00	-
PUBLIC, FALL	DO	7.50	7.00	6.00
PRIVATE, SPRING	DO	7.50	7.00	-
PRIVATE, FALL	DO	7.50	7.00	6.00
SCALLOPS:				
BAY	DO	5.00	-	-
SEA	DO	6.00	6.00	-

## MANUFACTURED FISHERY PRODUCTS - VARIOUS YEARS 1/

ITEM	YEAR	UNIT	NEW YORK		NEW JERSEY, DELAWARE AND PENNSYLVANIA	
			QUANTITY	VALUE	QUANTITY	VALUE
<b>BY MANUFACTURING ESTABLISHMENTS:</b>						
BUFFALOFISH, SMOKED . . . . .	1940	POUNDS	315,000	\$68,700	-	-
BUTTERFISH, SMOKED. . . . .	1940	DO	290,700	56,740	80,850	\$27,447
CARP, SMOKED. . . . .	1940	DO	40,000	12,900	60,500	24,650
CHUB, CISCO, AND TULLIBEE, SMOKED. . . . .	1940	DO	1,710,000	477,000	508,000	217,600
<b>COD:</b>						
FRESH AND FROZEN FILLETS. . . .	1948	DO	2,212,500	768,350	187,660	52,809
SALTED FILLETS. . . . .	1940	DO	-	-	685,200	205,560
SMOKED FILLETS. . . . .	1940	DO	64,600	12,920	-	-
EELS, COMMON, SMOKED. . . . .	1940	DO	100,000	28,100	4,100	1,360
FLOUNDERS, FRESH AND FROZEN FILLETS. . . . .	1948	DO	3,233,500	1,388,304	219,395	89,584
<b>HADDOCK:</b>						
FRESH AND FROZEN FILLETS. . . .	1948	DO	2,335,000	801,750	771,800	272,646
<b>SMOKED:</b>						
WHOLE . . . . .	1940	DO	-	-	28,700	5,740
FILLETS . . . . .	1940	DO	113,100	17,274	57,140	13,461
FINNAN HADDIE . . . . .	1940	DO	115,000	14,950	34,900	5,595
HERRING, SEA, SMOKED: FILLETS . . . . .	1948	DO	302,000	72,480	4,365	1,030
<b>BLOATERS, HARD:</b>						
KIPPERED . . . . .	1940	DO	-	-	490,500	73,055
HERRING, SEA, SPICED. . . . .	1940	DO	63,000	11,600	2,500	375
LAKE TROUT, SMOKED. . . . .	1940	DO	-	-	35,000	2,500
LINGCOD, SMOKED . . . . .	1940	DO	67,000	19,700	72,000	31,200
MACKEREL, SMOKED, WHOLE . . . .	1940	DO	800	100	-	-
PADDLEFISH, SMOKED. . . . .	1940	DO	49,000	9,250	10,100	2,520
POLLOCK, FRESH AND FROZEN FILLETS . . . . .	1948	DO	125,000	53,850	-	-
SABLEFISH, SMOKED . . . . .	1940	DO	-	-	25,772	5,765
<b>SALMON:</b>						
<b>SMOKED:</b>						
WHOLE . . . . .	1940	DO	5,120,000	1,697,500	1,081,000	426,400
KIPPERED . . . . .	1940	DO	430,000	167,900	355,000	159,250
SHAD, SMOKED. . . . .	1940	DO	70,000	9,000	45,000	13,250
STURGEON, SMOKED. . . . .	1940	DO	417,000	322,250	88,000	67,000
TUNA, SMOKED . . . . .	1940	DO	-	-	700	175
WHITEFISH, SMOKED . . . . .	1940	DO	1,750,000	618,500	320,000	112,300
WHITING, SMOKED . . . . .	1940	DO	-	-	131,500	19,725
CAVIAR (SALMON, STURGEON AND WHITEFISH). . . . .	1948	STANDARD CASES	3,541	463,534	-	-
<b>CLAMS:</b>						
MINCED (HARD AND SURF). . . . .	1948	DO	16,801	143,083	-	-
CHOWDER, BROTH AND JUICE (HARD). . . . .	1948	DO	17,707	97,492	(2)	(2)
FRESH-SHUCKED (HARD AND SURF) OYSTERS, FRESH-SHUCKED (EASTERN) . . . . .	1940	GALLONS	-	-	16,215	26,205
OYSTER-SHELL PRODUCTS:						
GRIT. . . . .	1948	TONS	-	-	7,939	119,256
LIME, UNBURNED. . . . .	1948	DO	-	-	2,099	8,294
MISCELLANEOUS, CANNED 3/ MISCELLANEOUS, FRESH AND FROZEN 4/ MUSSEL-SHELL AND MARINE PEARL-SHELL BUTTONS . . . . .	1948	STANDARD CASES	13,510	208,572	766,631	4,973,167
MISCELLANEOUS BYPRODUCTS 5/ . . . .	1948	POUNDS	-	-	29,850	9,440
		GROSS	2,458,026	3,354,863	1,637,811	2,635,965
			-	1,743,197	-	7,462,487
<b>TOTAL. . . . .</b>			-	13,163,484	-	18,506,880
<b>BY FISHERMEN:</b>						
ALWIFE ROE, SALTED . . . . .	1940	POUNDS	-	-	1,200	204
EELS, SMOKED. . . . .	1940	DO	15,000	4,500	-	-
CLAMS, SURF, FRESH-SHUCKED. . . .	1940	GALLONS	-	-	468,400	181,744
<b>SCALLOPS:</b>						
BAY, FRESH-SHUCKED. . . . .	1940	DO	2,193	6,579	-	-
SEA, FRESH-SHUCKED. . . . .	1940	DO	251,600	317,269	233	395
CRABS, HORSESHOE, MEAL. . . . .	1940	TONS	-	-	63	2,474
<b>TOTAL. . . . .</b>			-	328,348	-	184,817
<b>GRAND TOTAL. . . . .</b>			-	13,491,832	-	18,691,697

SEE FOOTNOTES ON NEXT PAGE

(CONTINUED ON NEXT PAGE)

## MIDDLE ATLANTIC FISHERIES

MANUFACTURED FISHERY PRODUCTS, VARIOUS YEARS <sup>1/2</sup> Continued

1/ DATA ON THE PRODUCTION OF THE VARIOUS PRODUCTS ARE FOR THE YEARS INDICATED.

2/ INCLUDED WITH MISCELLANEOUS PRODUCTS.

3/ MISCELLANEOUS CANNED IN NEW YORK, INCLUDES CODFISH CAKES, TUNA, ANIMAL FOOD, HERRING AND SALMON SALAD SPREAD, CONCHS, FROG LEGS NEWBURG, TERRAPIN AND TURTLE MEAT SOUP AND STEW, CRAB, LOBSTER, OYSTER AND SHRIMP SOUP AND STEW COMBINATIONS, AND BOUILLABAISSE; IN NEW JERSEY, EELS, JELLIED; SEA HERRING, JELLIED AND FRIED IN VINEGAR SAUCE; AND HARD CLAM CHOWDER; IN PENNSYLVANIA, HARD CLAM CHOWDER.

4/ MISCELLANEOUS FRESH AND FROZEN IN NEW JERSEY INCLUDES MACKEREL, RED DRUM, ROSEFISH, WHITING AND UNCLASSIFIED FILLETS.

5/ MISCELLANEOUS BYPRODUCTS IN NEW YORK INCLUDE MENHADEN MEAL AND OIL, MUSSEL SHELL GRIT, TUNA, ROCKFISH AND SHARK LIVER OIL, AND GROUND FISH MEAL; IN NEW JERSEY, MENHADEN MEAL AND OIL, AND COD LIVER OIL; IN PENNSYLVANIA, HORSESHOE CRAB AND UNCLASSIFIED MEAL; IN DELAWARE, MENHADEN MEAL, OIL AND ACID SCRAP.

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

## SUMMARY OF MANUFACTURED FISHERY PRODUCTS - VARIOUS YEARS

SUMMARY OF STATES:		MANUFACTURED FISHERY PRODUCTS	FISHERMEN'S PREPARED PRODUCTS	TOTAL
STATES		VALUE	VALUE	VALUE
NEW YORK	.....	\$13,163,484	\$328,348	\$13,491,832
NEW JERSEY	.....	12,459,716	184,817	12,644,533
PENNSYLVANIA	.....	2,182,929	-	2,182,929
DELAWARE	.....	3,864,235	-	3,864,235
TOTAL		31,670,364	513,165	32,183,529
SUMMARY OF ITEMS:				
ITEM	YEAR	UNIT	QUANTITY	VALUE
FRESH AND FROZEN PACKAGED FISH	1948	POUNDS	9,321,842	\$3,462,158
CANNED FISH AND SHELLFISH	1948	STANDARD CASES	818,190	5,885,848
BYPRODUCTS	1948	-	-	15,324,062
BYPRODUCTS (BY FISHERMEN)	1940	-	-	2,474
PACKAGED SHELLFISH	1940	POUNDS	1,776,828	2,454,136
SALTED FISH	1940	DO	721,400	208,264
SMOKED AND KIPPERED FISH	1940	DO	14,320,690	4,846,587
TOTAL		-	-	32,183,529



## MIDDLE ATLANTIC FISHERIES

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## NEW YORK

## OPERATING UNITS BY GEAR, 1948

ITEM	PURSE SEINES, MENHADEN	HAUL SEINES, COMMON	GILL NETS		LINES		
			DRIFT	STAKE	HAND	TRAWL OR TROT WITH HOOKS	TROLL
			NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN: ON VESSELS . . . . .	165	22	2	-	8	-	-
ON BOATS AND SHORE:							
REGULAR . . . . .	-	192	52	15	119	17	2
CASUAL . . . . .	-	182	436	305	687	39	1
TOTAL . . . . .	165	396	490	320	814	56	3
VESSELS, MOTOR . . . . .	8	7	1	-	4	-	-
NET TONNAGE . . . . .	732	40	6	-	34	-	-
BOATS:							
MOTOR . . . . .	-	132	234	143	398	30	1
OTHER . . . . .	-	-	1	5	69	10	-
ACCESSORY BOATS . . . . .	24	-	-	-	-	-	-
APPARATUS:							
NUMBER . . . . .	8	141	245	155	1,007	91	3
LENGTH, YARDS . . . . .	3,200	85,504	-	-	-	-	-
SQUARE YARDS . . . . .	-	-	806,300	91,000	-	-	-
HOOKS, BAITS OR SNOODS	-	-	-	-	1,628	24,760	3

ITEM	POUND NETS	FYKE NETS, FISH	DIP NETS, COMMON	OTTER TRAWLS, FISH	POTS			
					CONCH	EEL	FISH	LOBSTER
					NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN: ON VESSELS . . . . .	10	-	-	446	-	-	-	-
ON BOATS AND SHORE:								
REGULAR . . . . .	77	12	1	85	12	34	12	67
CASUAL . . . . .	62	38	8	48	18	41	10	117
TOTAL . . . . .	149	50	9	579	30	75	22	184
VESSELS, MOTOR . . . . .	4	-	-	127	-	-	-	-
NET TONNAGE . . . . .	34	-	-	2,488	-	-	-	-
BOATS:								
MOTOR . . . . .	50	39	4	61	15	48	11	91
OTHER . . . . .	-	3	-	-	-	-	-	12
APPARATUS:								
NUMBER . . . . .	161	441	9	188	2,000	1,766	943	11,092
YARDS AT MOUTH . . . . .	-	-	-	3,072	-	-	-	-

ITEM	HARPOONS	DREDGES			TONGS		RAKES, OTHER THAN FOR OYSTERS	TOTAL, EXCLUSIVE OF DUPLICATION
		CLAM	OYSTERS, COMMON	SCALLOP	OYSTER	OTHER		
		NUMBER	NUMBER	NUMBER	NUMBER	NUMBER		
FISHERMEN: ON VESSELS . . . . .	48	62	128	105	-	21	-	854
ON BOATS AND SHORE:								
REGULAR . . . . .	20	43	-	35	572	2,893	624	3,182
CASUAL . . . . .	-	20	-	-	610	3,549	355	5,141
TOTAL . . . . .	68	125	128	140	1,182	6,463	979	9,177
VESSELS, MOTOR . . . . .	16	26	27	16	-	14	-	206
NET TONNAGE . . . . .	261	262	603	575	-	91	-	4,260
BOATS:								
MOTOR . . . . .	10	29	-	18	900	2,908	318	3,826
OTHER . . . . .	-	-	-	-	22	318	187	408
ACCESSORY BOATS . . . . .	16	-	-	-	-	-	-	40
APPARATUS:								
NUMBER . . . . .	26	55	54	68	1,182	6,463	979	-
YARDS AT MOUTH . . . . .	-	42	77	142	-	-	-	-

## MIDDLE ATLANTIC FISHERIES

NEW YORK: CATCH BY GEAR, 1948

SPECIES	PURSE SEINES		HAUL SEINES		GILL NETS			
	POUNDS	VALUE	POUNDS	VALUE	DRIFT		STAKE	
					POUNDS	VALUE	POUNDS	VALUE
ALEWIVES . . . . .	-	-	21,900	\$633	1,500	\$40	200	\$6
BLUEFISH . . . . .	-	-	15,600	4,195	32,200	8,360	-	-
BUTTERFISH . . . . .	-	-	2,000	300	2,700	405	-	-
CARP . . . . .	-	-	173,400	11,291	1,200	96	1,100	99
CATFISH AND BULLHEADS . . . . .	-	-	4,600	424	200	31	800	140
COD . . . . .	-	-	1,500	190	-	-	-	-
EELS, COMMON . . . . .	-	-	9,900	2,070	300	60	-	-
FLOUNDER: BLACKBACK . . . . .	-	-	6,000	497	-	-	-	-
FLUKE . . . . .	-	-	2,300	500	-	-	-	-
GRAYFISH . . . . .	-	-	-	-	200	10	-	-
KING WHITING OR KINGFISH . . . . .	-	-	8,000	632	100	8	-	-
MACKEREL . . . . .	-	-	-	-	40,000	5,600	-	-
MENHADEN . . . . .	76,540,800	\$774,427	-	-	-	-	-	-
SCUP OR PORGY . . . . .	-	-	337,500	27,008	-	-	-	-
SEA TROUT OR WEAKFISH, GRAY . . . . .	-	-	453,800	90,700	82,400	16,550	-	-
SHAD . . . . .	-	-	65,600	8,391	612,400	81,291	443,700	57,015
SILVERSIDES . . . . .	-	-	238,500	14,310	-	-	-	-
STRIPED BASS . . . . .	-	-	246,700	72,651	3,300	867	19,600	5,105
STURGEON . . . . .	-	-	200	75	7,500	2,186	10,200	1,792
SUCKERS . . . . .	-	-	2,200	316	1,400	135	-	-
SUNFISH . . . . .	-	-	500	50	-	-	-	-
SWELLFISH . . . . .	-	-	29,000	1,444	-	-	-	-
WHITEBAIT . . . . .	-	-	10,600	2,656	-	-	-	-
WHITE PERCH . . . . .	-	-	1,600	127	6,400	724	20,900	1,860
YELLOW PERCH . . . . .	-	-	20,300	1,220	100	11	300	29
UNCLASSIFIED, FOR FOOD . . . . .	-	-	34,200	3,385	600	50	-	-
TOTAL . . . . .	76,540,800	774,427	1,685,900	242,995	792,500	116,424	496,800	66,046

SPECIES	LINES						POUND NETS	
	HAND		TRAWL OR TROT WITH HOOKS		TROLL		POUNDS	VALUE
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE		
ALEWIVES . . . . .	-	-	200	\$5	-	-	38,100	\$1,041
BLUEFISH . . . . .	2,000	\$509	-	-	3,500	\$900	184,700	46,340
BUTTERFISH . . . . .	-	-	-	-	-	-	181,800	27,270
CARP . . . . .	-	-	600	52	-	-	-	-
CATFISH AND BULLHEADS . . . . .	-	-	10,500	993	-	-	-	-
COD . . . . .	-	-	292,800	36,610	-	-	2,600	328
EELS, COMMON . . . . .	-	-	1,300	188	-	-	58,500	11,500
FLOUNDER: BLACKBACK . . . . .	12,000	975	-	-	-	-	34,700	2,796
FLUKE . . . . .	-	-	-	-	-	-	28,400	6,190
FRIGATE MACKEREL . . . . .	-	-	-	-	-	-	45,700	1,828
HAKE, RED . . . . .	-	-	-	-	-	-	6,600	260
KING WHITING OR KINGFISH . . . . .	-	-	-	-	-	-	4,600	379
MACKEREL . . . . .	2,284,300	286,175	-	-	-	-	65,100	8,775
MENHADEN . . . . .	-	-	-	-	-	-	311,200	3,100
POLLOCK . . . . .	13,900	1,110	-	-	-	-	400	32
SCUP OR PORGY . . . . .	6,000	500	-	-	-	-	420,600	34,000
SEA BASS . . . . .	20,700	3,000	-	-	-	-	15,300	2,266
SEA ROBIN . . . . .	-	-	-	-	-	-	3,900	77
SEA TROUT OR WEAKFISH, GRAY . . . . .	300	58	-	-	-	-	367,700	73,700
SHAD . . . . .	-	-	-	-	-	-	267,500	46,362
SHARKS . . . . .	1,700	80	-	-	-	-	4,000	205
SILVERSIDES . . . . .	-	-	-	-	-	-	15,000	900
SKATES . . . . .	-	-	-	-	-	-	2,100	145
STRIPED BASS . . . . .	33,600	10,079	-	-	-	-	28,100	8,410
STURGEON . . . . .	-	-	-	-	-	-	600	180
SWELLFISH . . . . .	-	-	-	-	-	-	390,400	19,450
SQUID . . . . .	-	-	-	-	-	-	171,100	17,030
TAUTOG . . . . .	-	-	-	-	-	-	4,700	335
TILEFISH . . . . .	-	-	415,800	41,600	-	-	-	-
TUNA AND TUNALIKE FISHES: BLUEFIN . . . . .	400	50	-	-	-	-	71,300	9,000
BONITO . . . . .	300	54	-	-	-	-	8,300	1,620
LITTLE . . . . .	28,300	3,500	-	-	-	-	-	-
WHITE PERCH . . . . .	-	-	-	-	-	-	1,500	180
WHITING . . . . .	-	-	-	-	-	-	87,900	5,180
UNCLASSIFIED, FOR FOOD . . . . .	7,500	700	-	-	-	-	30,800	3,050
OTHER . . . . .	-	-	-	-	-	-	61,700	625
TOTAL . . . . .	2,411,000	306,790	721,200	79,448	3,500	900	2,914,900	332,554

(CONTINUED ON NEXT PAGE)

## MIDDLE ATLANTIC FISHERIES

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## NEW YORK: CATCH BY GFAR, 1948 - Continued

SPECIES	FYKE NETS		DIP NETS		OTTER TRAWLS		POTS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES . . . . .	70,100	\$2,223	-	-	-	-	-	-
BLUEFISH . . . . .	-	-	-	-	2,400	\$617	-	-
BUTTERFISH . . . . .	-	-	-	-	714,400	107,160	-	-
CARP . . . . .	1,500	161	-	-	-	-	-	-
CATFISH AND BULLHEADS . . . . .	12,500	1,627	-	-	-	-	-	-
COD . . . . .	-	-	-	-	1,446,400	180,750	-	-
DOLPHIN . . . . .	-	-	-	-	100	3	-	-
EELS: . . . . .	-	-	-	-	-	-	-	-
COMMON . . . . .	14,000	2,845	-	-	-	-	148,400	\$26,763
CONGER . . . . .	-	-	-	-	5,600	125	-	-
FLOUNDERS:	-	-	-	-	-	-	-	-
GRAY SOLE . . . . .	-	-	-	-	42,000	2,900	-	-
YELLOWTAIL . . . . .	-	-	-	-	2,728,000	341,070	-	-
BLACKBACK . . . . .	160,900	13,092	-	-	1,322,200	99,286	-	-
DAB . . . . .	-	-	-	-	17,500	500	-	-
FLUKE . . . . .	-	-	-	-	2,276,800	502,675	-	-
FRIGATE MACKEREL . . . . .	-	-	-	-	21,000	850	-	-
GRAYFISH . . . . .	-	-	-	-	2,800	140	-	-
HADDOCK . . . . .	-	-	-	-	1,757,600	210,900	-	-
HAKE:	-	-	-	-	-	-	-	-
RED . . . . .	-	-	-	-	167,200	5,988	-	-
WHITE . . . . .	-	-	-	-	87,300	9,530	-	-
HALIBUT . . . . .	-	-	-	-	4,400	800	-	-
HERRING, SEA:	-	-	-	-	22,000	650	-	-
KING WHITING OR KINGFISH . . . . .	-	-	-	-	4,100	331	-	-
MACKEREL . . . . .	-	-	-	-	172,400	24,145	-	-
POLLOCK . . . . .	-	-	-	-	84,000	6,720	-	-
SCUP OR PORGY . . . . .	-	-	-	-	5,387,900	430,837	-	-
SEA BASS . . . . .	-	-	-	-	2,236,300	337,247	34,100	5,075
SEA ROBIN . . . . .	-	-	-	-	700	5	-	-
SEA TROUT OR WEAKFISH, GRAY . . . . .	-	-	-	-	98,200	19,450	-	-
SHAD . . . . .	-	-	-	-	4,000	675	-	-
SHARKS . . . . .	-	-	-	-	500	25	-	-
SKATES . . . . .	-	-	-	-	9,700	682	-	-
SMELT . . . . .	500	150	-	-	-	-	-	-
STRIPED BASS . . . . .	100	30	-	-	24,500	7,261	-	-
STURGEON . . . . .	-	-	-	-	800	240	-	-
SUCKERS . . . . .	31,200	464	-	-	-	-	-	-
SUNFISH . . . . .	1,200	135	-	-	-	-	-	-
SWELLFISH . . . . .	-	-	-	-	577,400	28,865	-	-
TILEFISH . . . . .	-	-	-	-	146,800	14,700	-	-
TOMCOD . . . . .	200	30	-	-	-	-	-	-
TUNA AND TUNALIKE FISHES:	-	-	-	-	-	-	-	-
BLUEFIN . . . . .	-	-	-	-	400	50	-	-
BONITO . . . . .	-	-	-	-	1,700	350	-	-
WHITE PERCH . . . . .	2,600	270	-	-	-	-	-	-
WHITING . . . . .	-	-	-	-	756,000	45,746	-	-
WOLFFISH . . . . .	-	-	-	-	3,400	75	-	-
YELLOW PERCH . . . . .	1,000	159	-	-	-	-	-	-
UNCLASSIFIED:	-	-	-	-	-	-	-	-
FOR FOOD . . . . .	-	-	-	-	342,700	30,335	-	-
OTHER . . . . .	-	-	-	-	157,300	1,525	-	-
CRABS, BLUE, HARD . . . . .	-	-	14,700	\$2,032	-	-	-	-
LOBSTER, NORTHERN . . . . .	-	-	-	-	166,300	66,385	195,100	94,900
CONCHS . . . . .	-	-	-	-	-	-	133,600	35,624
SCALLOPS, SEA . . . . .	-	-	-	-	50	260	-	-
SQUID . . . . .	-	-	-	-	883,800	89,495	-	-
TOTAL . . . . .	295,800	21,186	14,700	2,032	21,679,100	2,569,348	511,200	162,362
	HARPOONS		DREDGES		TONGS		RAKES	
SPECIES	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
SWORDFISH . . . . .	44,700	\$24,650	-	-	-	-	-	-
CLAMS:	-	-	-	-	-	-	-	-
HARD, PUBLIC . . . . .	-	-	-	-	7,270,800	\$2,424,183	-	-
SOFT, PUBLIC . . . . .	-	-	-	-	-	-	222,700	\$70,615
SURF OR SKIMMER . . . . .	-	-	3,520,900	\$366,000	-	-	-	-
MUSSELS, SEA . . . . .	-	-	-	-	266,700	62,665	-	-
OYSTERS, MARKET:	-	-	-	-	-	-	-	-
PUBLIC, SPRING . . . . .	-	-	-	-	47,800	32,020	-	-
PUBLIC, FALL . . . . .	-	-	-	-	32,600	21,795	-	-
PRIVATE, SPRING . . . . .	-	-	3,333,200	2,222,133	-	-	-	-
PRIVATE, FALL . . . . .	-	-	3,538,400	2,445,597	-	-	-	-
SCALLOPS:	-	-	-	-	-	-	-	-
BAY . . . . .	-	-	44,100	52,908	-	-	-	-
SEA . . . . .	-	-	3,317,700	1,825,285	-	-	-	-
TOTAL . . . . .	44,700	24,650	13,754,300	6,911,923	7,617,900	2,540,663	222,700	70,615

## MIDDLE ATLANTIC FISHERIES

## NEW JERSEY

## OPERATING UNITS BY GEAR, 1948

ITEM	PURSE SEINES			HAUL SEINES, COMMON	GILL NETS		
	MENHADEN	OTHER	NUMBER		DRIFT	RUNAROUND	STAKE
	NUMBER	NUMBER			NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS . . . . .	457	20	-	66	-	-	-
ON BOATS AND SHORE:							
REGULAR . . . . .	-	-	14	75	33	114	
CASUAL . . . . .	-	-	74	137	25	207	
TOTAL . . . . .	457	20	88	278	58	321	
VESSELS, MOTOR . . . . .	20	2	-	24	-	-	-
NET TONNAGE . . . . .	1,024	54	-	281	-	-	-
BOATS:							
MOTOR . . . . .	-	-	25	88	29	132	
OTHER . . . . .	-	-	17	29	-	121	
ACCESSORY BOATS . . . . .	60	4	-	-	-	-	
APPARATUS:							
NUMBER . . . . .	20	2	30	784	35	220	
LENGTH, YARDS . . . . .	6,240	800	4,200	-	-	-	
SQUARE YARDS . . . . .	-	-	-	1,109,188	56,000	273,080	

ITEM	LINES				POUND NETS	WEIRS	STOP NETS	FYKE NETS
	HAND	TRAWL OR	TROLL	TROT, WITH				
		TROT WITH HOOKS						
NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	
FISHERMEN:								
ON VESSELS . . . . .	129	40	29	-	209	-	-	-
ON BOATS AND SHORE:								
REGULAR . . . . .	126	100	-	39	34	-	6	11
CASUAL . . . . .	265	40	20	6	20	10	4	24
TOTAL . . . . .	520	180	49	44	263	10	10	35
VESSELS, MOTOR . . . . .	60	18	14	-	29	-	-	-
NET TONNAGE . . . . .	599	154	136	-	195	-	-	-
BOATS:								
MOTOR . . . . .	315	72	10	41	16	10	3	21
OTHER . . . . .	-	-	-	3	-	-	2	14
APPARATUS:								
NUMBER . . . . .	1,040	788	90	44	122	42	5	399
SQUARE YARDS . . . . .	-	-	-	-	-	-	2,500	-
HOOKS, BAITS OR SNOODS . . . . .	1,178	263,100	94	34,000	-	-	-	-

ITEM	DIP NETS, COMMON	OTTER TRAWLS, FISH	BEAM TRAWLS	POTS		DREDGES		
				EEL	FISH	LOBSTER	CLAM	CRAB
				NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:								
ON VESSELS . . . . .	-	316	-	-	14	-	38	32
ON BOATS AND SHORE:								
REGULAR . . . . .	-	8	15	-	68	54	3	-
CASUAL . . . . .	23	-	6	51	2	-	-	-
TOTAL . . . . .	23	324	21	51	84	54	41	32
VESSELS, MOTOR . . . . .	-	103	-	-	7	-	19	16
NET TONNAGE . . . . .	-	1,859	-	-	56	-	175	129
BOATS:								
MOTOR . . . . .	-	4	21	38	37	41	1	-
OTHER . . . . .	23	-	-	13	-	-	-	-
APPARATUS:								
NUMBER . . . . .	23	107	21	1,228	20,200	7,821	38	33
YARDS AT MOUTH . . . . .	-	2,158	35	-	-	-	42	66

(CONTINUED ON NEXT PAGE)



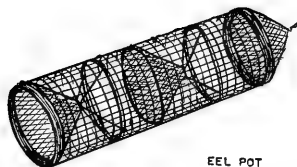
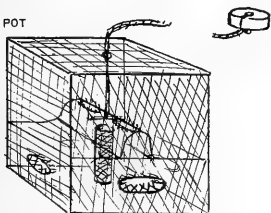
# MIDDLE ATLANTIC FISHERIES

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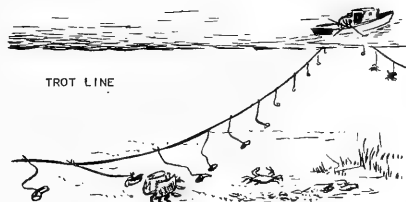
## NEW JERSEY: OPERATING UNITS BY GEAR, 1948 - Continued

ITEM	DREDGES - CONT 'D		TONGS		RAKES, OTHER THAN FOR OYSTERS	HOES	BY HAND, OTHER THAN FOR OYSTERS	TOTAL, EXCLUSIVE OF DUPLICATION
	OYSTER, COMMON	SCALLOP	OYSTER	OTHER				
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:								
ON VESSELS. . . . .	1,100	68	-	-	-	-	-	2,265
ON BOATS AND SHORE:								
REGULAR . . . . .	-	-	99	383	469	70	50	1,347
CASUAL. . . . .	-	-	95	386	495	165	52	1,553
TOTAL . . . . .	1,100	68	194	769	964	235	102	5,165
VESSELS, MOTOR. . . . .	141	9	-	-	-	-	-	359
NET TONNAGE . . . . .	2,797	269	-	-	-	-	-	6,503
BOATS:								
MOTOR . . . . .	-	-	124	385	519	100	88	1,530
OTHER . . . . .	-	-	45	384	445	135	14	1,012
APPARATUS:								
NUMBER. . . . .	282	16	194	769	964	235	-	-
YARDS AT MOUTH. . . . .	378	61	-	-	-	-	-	-

CRAB POT



EEL POT



TROT LINE

## MIDDLE ATLANTIC FISHERIES

NEW JERSEY: CATCH BY GEAR, 1948

SPECIES	PURSE SEINES		HAUL SEINES		GILL NETS	
	POUNDS	VALUE	POUNDS	VALUE	DRIFT	
					POUNDS	VALUE
ALEWIVES . . . . .	-	-	5,600	\$168	-	-
BLUEFISH . . . . .	10,800	\$3,240	-	-	124,000	\$37,200
BUTTERFISH . . . . .	4,900	539	-	-	13,000	1,430
CARP . . . . .	-	-	5,000	400	-	-
CATFISH AND BULLHEADS . . . . .	-	-	11,800	1,034	-	-
CROAKER . . . . .	-	-	3,000	450	3,000	450
DRUM, BLACK . . . . .	-	-	200	10	-	-
FLOUNDERS:						
BLACKBACK . . . . .	-	-	2,300	92	-	-
DAB . . . . .	200	30	-	-	-	-
HERRING, SEA . . . . .	-	-	-	-	1,800	54
KING WHITING OR "KINGFISH" . . . . .	-	-	100	3	-	-
MACKEREL . . . . .	507,200	40,576	-	-	1,564,000	124,520
MENHADEN . . . . .	148,259,800	1,793,944	-	-	-	-
MULLET . . . . .	-	-	-	-	1,200	36
SCUP OR PORGY . . . . .	1,589,200	55,622	-	-	-	-
SEA TROUT OR WEAKFISH,						
GRAY . . . . .	473,300	56,796	1,700	204	161,900	19,437
SHAD . . . . .	-	-	9,000	2,230	95,900	23,867
SHARKS . . . . .	-	-	-	-	6,300	189
STRIPED BASS . . . . .	16,000	4,000	1,500	375	7,100	1,775
TUNA AND TUNALIKE FISHES:						
BONITO . . . . .	-	-	-	-	600	90
LITTLE . . . . .	-	-	-	-	900	90
WHITE PERCH . . . . .	-	-	15,200	1,054	4,000	280
CRABS, HARD, BLUE . . . . .	-	-	8,200	1,110	-	-
TOTAL . . . . .	150,861,400	1,954,747	63,600	7,130	1,983,700	209,418

SPECIES	GILL NETS -CONTINUED				LINES	
	RUNAROUND		STAKE		HAND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES . . . . .	-	-	23,900	\$717	-	-
BLUEFISH . . . . .	13,600	\$4,080	-	-	138,700	\$41,610
CATFISH AND BULLHEADS . . . . .	-	-	2,300	184	-	-
COD . . . . .	-	-	100	17	2,900	493
CROAKER . . . . .	-	-	-	-	7,600	1,140
FLOUNDERS:						
BLACKBACK . . . . .	-	-	10,800	432	-	-
FLUKE . . . . .	-	-	-	-	14,800	2,220
HAKE, RED . . . . .	-	-	-	-	12,300	246
HERRING, SEA . . . . .	-	-	6,000	180	-	-
HICKORY SHAD . . . . .	-	-	800	24	-	-
MACKEREL . . . . .	426,300	34,104	-	-	2,245,000	179,600
SCUP OR PORGY . . . . .	-	-	-	-	7,400	259
SEA BASS . . . . .	-	-	-	-	9,300	1,395
SEA TROUT OR WEAKFISH, GRAY	24,100	2,992	2,500	300	21,000	2,620
SHAD . . . . .	-	-	1,273,200	233,638	1,000	250
SHARKS . . . . .	-	-	17,400	522	1,400	42
STRIPED BASS . . . . .	-	-	-	-	1,200	300
SUCKERS . . . . .	-	-	300	9	-	-
TAUTOG . . . . .	-	-	-	-	4,000	120
TUNA AND TUNALIKE FISHES:						
BLUEFIN . . . . .	-	-	-	-	2,000	400
BONITO . . . . .	-	-	-	-	7,600	1,130
LITTLE . . . . .	-	-	-	-	13,600	1,360
WHITE PERCH . . . . .	-	-	18,300	1,281	-	-
YELLOW PERCH . . . . .	-	-	-	-	800	80
TOTAL . . . . .	464,000	41,176	1,355,600	237,304	2,490,600	233,265

(CONTINUED ON NEXT PAGE)

MIDDLE ATLANTIC FISHERIES

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NEW JERSEY: CATCH BY GEAR, 1948 - Continued

SPECIES	LINES - CONTINUED					
	TRAWL OR TROT WITH HOOKS		TROLL		TROT, WITH BAITS OR SNOODS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUEFISH . . . . .	-	-	12,800	\$3,840	-	-
COD . . . . .	683,000	\$116,110	-	-	-	-
EELS, CONGER . . . . .	3,400	102	-	-	-	-
FLOUNDERS, FLUKE . . . . .	2,100	315	-	-	-	-
FRIGATE MACKEREL . . . . .	-	-	1,300	60	-	-
HAKE, WHITE . . . . .	1,200	60	-	-	-	-
SEA BASS . . . . .	3,200	580	-	-	-	-
SEA TROUT OR WEAKFISH, GRAY . . . . .	-	-	3,000	360	-	-
SKATES . . . . .	6,800	204	-	-	-	-
TUNA AND TUNALIKE FISHES:						
BLUEFIN . . . . .	-	-	600	120	-	-
BONITO . . . . .	-	-	900	135	-	-
CRABS, BLUE, HARD . . . . .	-	-	-	-	366,000	\$54,900
TOTAL . . . . .	699,700	117,371	18,600	4,515	366,000	54,900
SPECIES	POUND NETS		WEIRS		STOP NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES . . . . .	133,500	\$4,005	-	-	-	-
AMBERJACK . . . . .	3,000	300	-	-	-	-
BLUEFISH . . . . .	288,400	86,520	-	-	-	-
BUTTERFISH . . . . .	765,900	84,419	-	-	-	-
CARP . . . . .	-	-	5,000	\$450	9,000	\$720
CATFISH AND BULLHEADS . . . . .	-	-	-	-	20,000	1,800
COD . . . . .	336,900	57,273	-	-	-	-
CROAKER . . . . .	143,500	21,525	-	-	-	-
DRUM, BLACK . . . . .	3,200	160	-	-	-	-
EELS:						
COMMON . . . . .	3,000	450	20,000	2,000	-	-
CONGER . . . . .	200	6	-	-	-	-
FLOUNDERS:						
BLACKBACK . . . . .	9,600	766	-	-	-	-
FLUKE . . . . .	37,700	5,635	-	-	-	-
UNCLASSIFIED . . . . .	5,900	295	-	-	-	-
FRIGATE MACKEREL . . . . .	7,300	365	-	-	-	-
GIZZARD SHAD . . . . .	20,600	618	-	-	-	-
HAKE:						
RED . . . . .	219,600	4,392	-	-	-	-
WHITE . . . . .	300	15	-	-	-	-
HERRING, SEA . . . . .	1,553,500	46,605	-	-	-	-
KING MACKEREL . . . . .	1,900	190	-	-	-	-
MACKEREL . . . . .	7,300	438	-	-	-	-
KING WHITING OR KINGFISH . . . . .	440,100	35,208	-	-	-	-
MENHADEN . . . . .	15,770,900	197,865	-	-	-	-
POLLOCK . . . . .	1,200	84	-	-	-	-
SCUP OR PORGY . . . . .	1,131,200	37,389	-	-	-	-
SEA BASS . . . . .	183,700	27,655	-	-	-	-
SEA ROBIN . . . . .	300	6	-	-	-	-
SEA TROUT OR WEAKFISH, GRAY . . . . .	1,193,900	143,368	-	-	-	-
SHAD . . . . .	467,500	115,875	2,000	500	-	-
SHARKS . . . . .	13,200	396	-	-	-	-
SKATES . . . . .	11,600	348	-	-	-	-
SPOT . . . . .	2,000	200	-	-	-	-
STRIPED BASS . . . . .	8,300	2,075	-	-	-	-
STURGEON . . . . .	2,200	660	-	-	-	-
SWELLFISH . . . . .	32,000	1,280	-	-	-	-
TAUTOG . . . . .	1,100	33	-	-	-	-
TUNA AND TUNALIKE FISHES:						
BLUEFIN . . . . .	44,500	8,900	-	-	-	-
BONITO . . . . .	19,400	2,910	-	-	-	-
LITTLE . . . . .	542,300	54,230	-	-	-	-
WHITE PERCH . . . . .	100	7	-	-	-	-
WHITING . . . . .	168,100	10,086	-	-	-	-
WOLFFISH . . . . .	190,000	11,400	-	-	-	-
UNCLASSIFIED, FOR FOOD . . . . .	90,900	4,525	-	-	-	-
HORSESHOE CRABS . . . . .	-	-	940,000	3,825	-	-
SQUID . . . . .	312,800	25,024	-	-	-	-
TURTLES, SNAPPER . . . . .	1,000	50	-	-	-	-
TOTAL . . . . .	24,169,600	993,573	967,000	6,775	29,000	2,520

(CONTINUED ON NEXT PAGE)

## MIDDLE ATLANTIC FISHERIES

## NEW JERSEY: CATCH BY GEAR, 1948 - Continued

SPECIES	FYKE NETS		DIP NETS		OTTER TRAWLS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES . . . . .	7,000	\$210	-	-	-	-
ANGLERFISH . . . . .	-	-	-	-	11,700	\$351
BLUEFISH . . . . .	-	-	-	-	23,000	6,900
BUTTERFISH . . . . .	-	-	-	-	502,700	55,297
CATFISH AND BULLHEADS . . . . .	10,000	800	-	-	-	-
COD . . . . .	-	-	-	-	256,700	43,369
CROAKER . . . . .	-	-	-	-	182,200	27,330
DRUM, BLACK . . . . .	-	-	-	-	20,100	1,005
EELS:						
COMMON . . . . .	11,400	1,140	-	-	-	-
CONGER . . . . .	-	-	-	-	18,700	561
FLOUNDERS:						
GRAY SOLE . . . . .	-	-	-	-	13,300	1,064
YELLOWTAIL . . . . .	-	-	-	-	50,400	5,040
BLACKBACK . . . . .	55,200	2,208	-	-	76,500	3,060
DAB . . . . .	-	-	-	-	12,900	516
FLUKE . . . . .	600	90	-	-	2,988,700	448,305
UNCLASSIFIED . . . . .	-	-	-	-	20,600	2,060
HADDOCK . . . . .	-	-	-	-	10,100	707
HAKE:						
RED . . . . .	-	-	-	-	415,100	8,302
WHITE . . . . .	-	-	-	-	85,600	4,270
HERRING, SEA . . . . .	-	-	-	-	96,900	2,907
KING MACKEREL . . . . .	-	-	-	-	5,200	520
KING WHITING OR "KINGFISH" . . . . .	-	-	-	-	55,100	5,478
MACKEREL . . . . .	-	-	-	-	52,200	4,176
MENHADEN . . . . .	-	-	-	-	3,000	90
POLLOCK . . . . .	-	-	-	-	1,500	105
SCUP OR PORGY . . . . .	-	-	-	-	5,619,700	196,690
SEA BASS . . . . .	-	-	-	-	2,934,600	410,854
SEA ROBIN . . . . .	-	-	-	-	8,400	198
SEA TROUT OR WEAKFISH, GRAY . . . . .	-	-	-	-	1,424,400	170,328
SHAD . . . . .	-	-	-	-	4,600	750
SHARKS . . . . .	-	-	-	-	14,500	435
SKATES . . . . .	-	-	-	-	9,200	276
SPOT . . . . .	-	-	-	-	4,800	144
STRIPED BASS . . . . .	-	-	-	-	6,400	1,600
STURGEON . . . . .	-	-	-	-	3,400	885
SWELLFISH . . . . .	-	-	-	-	108,500	4,340
SWORDFISH . . . . .	-	-	-	-	700	350
TAUTOG . . . . .	-	-	-	-	21,500	645
TILEFISH . . . . .	-	-	-	-	53,200	5,852
WHITE PERCH . . . . .	3,700	259	-	-	400	26
WHITING . . . . .	-	-	-	-	630,000	37,800
YELLOW PERCH . . . . .	600	60	-	-	-	-
UNCLASSIFIED, FOR FOOD . . . . .	-	-	-	-	118,600	5,930
CRABS, BLUE:						
HARD . . . . .	-	-	7,700	\$1,155	-	-
SOFT AND PEELERS . . . . .	-	-	3,000	1,050	-	-
LOBSTER, NORTHERN . . . . .	-	-	-	-	89,100	31,285
CONGS . . . . .	-	-	-	-	98,000	14,700
SCALLOPS, SEA . . . . .	-	-	-	-	8,800	3,960
SQUID . . . . .	-	-	-	-	452,800	39,944
TOTAL . . . . .	88,500	4,767	10,700	2,205	16,513,800	1,549,407

SPECIES	BEAM TRAWLS		POTS		DREDGES	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES . . . . .	-	-	1,200	\$36	-	-
EELS:						
COMMON . . . . .	-	-	55,900	5,590	-	-
CONGER . . . . .	-	-	5,400	162	-	-
SEA BASS . . . . .	-	-	1,702,900	255,435	-	-
TAUTOG . . . . .	-	-	21,400	642	-	-
CRABS, BLUE, HARD . . . . .	-	-	-	-	278,000	\$41,700
LOBSTER, NORTHERN . . . . .	-	-	299,200	134,642	9,000	4,050
SHRIMP . . . . .	100,000	\$50,000	-	-	-	-
CLAMS:						
HARD, PUBLIC . . . . .	-	-	-	-	245,700	98,280
HARD, PRIVATE . . . . .	-	-	-	-	32,400	12,960
SURF . . . . .	-	-	-	-	167,300	21,849
OYSTERS:						
PRIVATE, SPRING . . . . .	-	-	-	-	2,828,000	1,131,200
PRIVATE, FALL . . . . .	-	-	-	-	3,048,300	1,219,320
SCALLOPS, SEA . . . . .	-	-	-	-	826,300	371,535
TOTAL . . . . .	100,000	50,000	2,086,000	396,507	7,435,000	2,900,894

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MIDDLE ATLANTIC FISHERIES

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NEW JERSEY: CATCH BY GEAR, 1948 - Continued

SPECIES	TONGS		RAKES		HOES		BY HAND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CLAMS:								
HARD, PUBLIC . . . . .	1,428,000	\$571,200	1,978,600	\$791,440	-	-	321,900	\$128,760
SOFT, PUBLIC . . . . .	-	-	-	-	1,250,000	\$218,750	2,000,000	350,000
SURF . . . . .	-	-	9,700	1,261	-	-	-	-
OYSTERS, MARKET:								
PUBLIC, SPRING . . . . .	29,200	11,680	-	-	-	-	-	-
PUBLIC, FALL . . . . .	29,000	11,600	-	-	-	-	-	-
PRIVATE, SPRING . . . . .	28,000	11,200	-	-	-	-	-	-
PRIVATE, FALL . . . . .	25,800	10,320	-	-	-	-	-	-
TOTAL . . . . .	1,540,000	616,000	1,988,300	792,701	1,250,000	218,750	2,321,900	478,760

DELAWARE

OPERATING UNITS BY GEAR, 1948

ITEM	PURSE SEINES, MENHADEN	HAUL SEINES, COMMON	GILL NETS			LINES, TROT WITH BAITS OR SNOODS
			DRIFT	RUNAROUND	STAKE	
			NUMBER	NUMBER	NUMBER	
FISHERMEN:						
ON VESSELS . . . . .	696	-	-	-	-	-
ON BOATS AND SHORE . . . . .	-	38	7	-	6	20
REGULAR . . . . .	-	83	41	12	20	76
CASUAL . . . . .	-	-	-	-	-	-
TOTAL . . . . .	696	121	48	12	25	96
VESSELS:						
MOTOR . . . . .	25	-	-	-	-	-
NET TONNAGE . . . . .	1,968	-	-	-	-	-
STEAM . . . . .	1	-	-	-	-	-
NET TONNAGE . . . . .	46	-	-	-	-	-
TOTAL VESSELS . . . . .	26	-	-	-	-	-
TOTAL NET TONNAGE . . . . .	2,014	-	-	-	-	-
BOATS:						
MOTOR . . . . .	-	22	12	-	16	60
OTHER . . . . .	-	39	25	12	2	36
ACCESSORY BOATS . . . . .	78	-	-	-	-	-
APPARATUS:						
NUMBER . . . . .	26	63	37	12	24	96
LENGTH, YARDS . . . . .	10,400	19,500	-	-	-	-
SQUARE YARDS . . . . .	-	-	43,300	19,200	23,600	-
BAITS OR SNOODS . . . . .	-	-	-	-	-	75,600
FYKE NETS		DIP NETS, COMMON	OTTER TRAWLS, FISH	POTS		DREDGES
				CRAB	EEL	CRAB
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS . . . . .	-	-	30	-	-	57
ON BOATS AND SHORE:						
REGULAR . . . . .	4	-	-	-	-	-
CASUAL . . . . .	22	42	-	8	8	-
TOTAL . . . . .	26	42	30	8	8	57
VESSELS, MOTOR . . . . .	-	-	10	-	-	19
NET TONNAGE . . . . .	-	-	130	-	-	335
BOATS:						
MOTOR . . . . .	14	12	-	4	2	-
OTHER . . . . .	12	30	-	-	6	-
APPARATUS:						
NUMBER . . . . .	88	42	10	480	200	38
YARDS AT MOUTH . . . . .	-	-	137	-	-	76

(CONTINUED ON NEXT PAGE)

## MIDDLE ATLANTIC FISHERIES

## DELAWARE: OPERATING UNITS BY GEAR, 1948 - Continued

ITEM	DREDGES, CONT'D.		TONGS		RAKES, OTHER THAN FOR OYSTERS	TOTAL, EXCLUSIVE OF DUPLICATION
	OYSTER, COMMON		OYSTER	OTHER		
	NUMBER	NUMBER	NUMBER	NUMBER		
FISHERMEN:						
ON VESSELS . . . . .	171	-	-	-	-	897
ON BOATS AND SHORE:						
REGULAR . . . . .	-	90	-	-	25	166
CASUAL . . . . .	-	40	20	-	35	257
TOTAL . . . . .	171	130	20	-	60	1,320
VESSELS:						
MOTOR . . . . .	28	-	-	-	-	63
NET TONNAGE . . . . .	521	-	-	-	-	2,619
STEAM . . . . .	-	-	-	-	-	1
NET TONNAGE . . . . .	-	-	-	-	-	46
TOTAL VESSELS . . . . .	28	-	-	-	-	64
TOTAL NET TONNAGE . . . . .	521	-	-	-	-	2,655
BOATS:						
MOTOR . . . . .	-	90	10	-	30	202
OTHER . . . . .	-	40	10	-	30	127
ACCESSORY BOATS . . . . .	-	-	-	-	-	78
APPARATUS:						
NUMBER . . . . .	56	130	20	-	60	-
YARDS AT MOUTH . . . . .	84	-	-	-	-	-

## DELAWARE: CATCH BY GEAR, 1948

SPECIES	PURSE SEINES		HAUL SEINES		GILL NETS	
	POUNDS	VALUE	POUNDS	VALUE	DRIFT	
					POUNDS	VALUE
ALEWIVES . . . . .	-	-	5,500	\$165	-	-
BLUEFISH . . . . .	-	-	3,500	1,050	-	-
CARP . . . . .	-	-	2,000	180	-	-
CROAKER . . . . .	-	-	7,000	700	-	-
EELS, COMMON . . . . .	-	-	200	20	-	-
FLOUNDERS:						
BLACKBACK . . . . .	-	-	9,000	270	-	-
FLUKE . . . . .	-	-	8,300	1,660	-	-
HAKE, RED . . . . .	-	-	9,000	270	-	-
HICKORY SHAD . . . . .	-	-	3,000	90	-	-
KING MACKEREL . . . . .	-	-	6,000	480	-	-
MENHADEN . . . . .	148,302,500	\$2,053,152	-	-	-	-
MULLET . . . . .	-	-	63,000	1,890	-	-
SEA TROUT OR WEAKFISH, GRAY	-	-	164,000	13,120	4,600	\$368
SHAD . . . . .	-	-	-	-	17,000	4,250
SPOT . . . . .	-	-	-	-	14,200	2,130
STRIPED BASS . . . . .	-	-	273,200	68,300	3,400	850
STURGEON . . . . .	-	-	500	175	-	-
WHITE PERCH . . . . .	-	-	24,000	2,880	4,300	516
UNCLASSIFIED, FOR FOOD . . . . .	-	-	21,300	1,065	-	-
TOTAL . . . . .	148,302,500	2,053,152	599,500	92,315	43,500	8,114

SPECIES	GILL NETS - CONTINUED				LINES, TROT WITH BAITS OR SNOODS	
	RUNAROUND		STAKE		POUNDS	VALUE
	POUNDS	VALUE	POUNDS	VALUE		
CROAKER . . . . .	5,000	\$500	14,700	\$1,470	-	-
SEA TROUT OR WEAKFISH, GRAY	-	-	15,000	1,200	-	-
SHAD . . . . .	-	-	34,900	8,795	-	-
SPOT . . . . .	24,000	3,600	900	135	-	-
STRIPED BASS . . . . .	6,000	1,500	3,000	750	-	-
WHITE PERCH . . . . .	-	-	3,600	432	-	-
CRABS, BLUE, HARD	-	-	-	-	397,000	\$46,750
TOTAL . . . . .	35,000	5,600	72,100	12,782	397,000	46,750

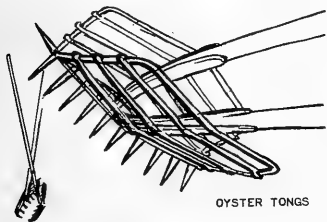
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## DELAWARE: CATCH BY GEAR, 1948 - Continued

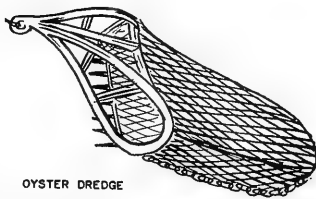
SPECIES	FYKE NETS		DIP NETS		OTTER TRAWLS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUEFISH . . . . .	-	-	-	-	1,900	\$570
BUTTERFISH . . . . .	-	-	-	-	7,800	702
COD . . . . .	-	-	-	-	5,400	864
CROAKER . . . . .	-	-	-	-	5,600	560
DRUM, BLACK	-	-	-	-	7,800	140
EELS, COMMON.	10,000	\$1,000	-	-	-	-
FLOUNDERS:						
BLACKBACK . . . . .	23,000	690	-	-	-	-
FLUKE . . . . .	-	-	-	-	6,700	1,340
UNCLASSIFIED.	-	-	-	-	3,200	320
HAKE:						
RED . . . . .	-	-	-	-	149,000	4,470
WHITE . . . . .	-	-	-	-	300	15
HERRING, SEA.	-	-	-	-	20,200	606
KING MACKEREL . . . . .	-	-	-	-	5,200	416
MACKEREL . . . . .	-	-	-	-	1,000	80
MULLET . . . . .	2,400	72	-	-	-	-
SCUP OR PORGY . . . . .	-	-	-	-	80,000	2,400
SEA BASS . . . . .	-	-	-	-	1,800	270
SEA TROUT OR WEAKFISH, GRAY	20,000	1,600	-	-	436,000	34,980
SHAD . . . . .	-	-	-	-	1,000	252
SPOT . . . . .	24,000	3,600	-	-	1,900	285
STRIPED BASS . . . . .	24,000	6,000	-	-	51,300	12,825
STURGEON . . . . .	-	-	-	-	800	290
WHITE PERCH . . . . .	3,000	360	-	-	16,200	1,944
WHITING . . . . .	-	-	-	-	12,900	774
UNCLASSIFIED, FOR FOOD.	-	-	-	-	12,000	600
CRABS, BLUE, SOFT AND PEELERS	-	-	8,700	\$2,700	-	-
CONCHS . . . . .	-	-	-	-	2,400	360
SQUID . . . . .	-	-	-	-	14,500	1,015
TOTAL . . . . .	106,400	13,322	8,700	2,700	839,900	65,978

SPECIES	POTS		DREDGES	
	POUNDS	VALUE	POUNDS	VALUE
EELS, COMMON. . . . .	8,000	\$800	-	-
CRABS, BLUE, HARD . . . . .	162,000	16,200	900,000	\$90,000
CLAMS, HARD, PRIVATE.	-	-	45,000	18,000
OYSTER, MARKET:				
PUBLIC, FALL . . . . .	-	-	1,500,000	568,000
PRIVATE, FALL . . . . .	-	-	750,000	284,400
TOTAL . . . . .	170,000	17,000	3,195,000	960,400

SPECIES	TONGS		RAKES	
	POUNDS	VALUE	POUNDS	VALUE
CLAMS, HARD, PUBLIC. . . . .	10,800	\$4,100	101,800	\$40,720
OYSTERS, MARKET, PRIVATE, FALL . . . . .	600,000	225,000	-	-
TOTAL . . . . .	610,800	229,100	101,800	40,720



OYSTER TONGS



OYSTER DREDGE

## HUDSON RIVER SHAD FISHERY

During 1948, the shad fishery in the Hudson River gave employment to 959 fishermen, who marketed 2,354,400 pounds of shad with a value of \$332,546 to the fishermen. This represented an increase of 19 percent in weight and 29 percent in value over the previous year. There were 213 fewer fishermen employed in the Hudson River shad fishery during 1948 than in 1947. The average price per pound received by fishermen in 1948 was 14.1 cents compared with 13.0 cents in 1947.

Stake gill nets accounted for 71 percent of the production by weight; drift gill nets, 26 percent; and haul seines, the remaining 3 percent.

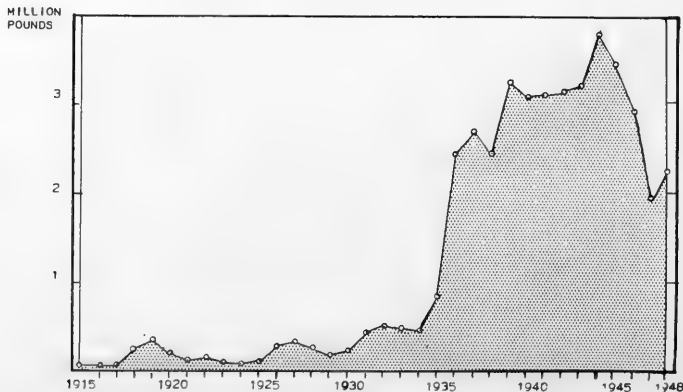
In 1948 the shad taken averaged 3.31 pounds per fish - slightly less than the average of 3.67 pounds in the previous year.

Statistics of the operating units and catch of shad in the Hudson River for 1948 by New York and New Jersey fishermen are also included in the operating unit and catch data for the two states.

## SUMMARY OF OPERATING UNITS AND CATCH, 1948

ITEM	NEW YORK			NEW JERSEY			TOTAL		
	NUMBER		VALUE	NUMBER	POUNDS	VALUE	NUMBER	POUNDS	VALUE
<b>OPERATING UNITS</b>									
<b>FISHERMEN:</b>									
ON BOATS AND SHORE:									
REGULAR . . . . .	35			200			235		
CASUAL . . . . .	724						959		
TOTAL . . . . .	759			200			959		
<b>BOATS:</b>									
MOTOR . . . . .	335			84			419		
OTHER . . . . .	6			115			121		
<b>APPARATUS:</b>									
HAUL SEINES . . . .	37			-			37		
LENGTH, YARDS . .	6,334			-			6,334		
<b>GILL NETS:</b>									
DRIFT . . . . .	223			6			229		
SQUARE YARDS . . .	794,000			6,360			800,360		
STAKE . . . . .	155			92			247		
SQUARE YARDS . . .	91,000			231,160			322,160		
<b>CATCH</b>									
	NUMBER	POUNDS	VALUE	NUMBER	POUNDS	VALUE	NUMBER	POUNDS	VALUE
<b>SHAD CAUGHT:</b>									
HAUL SEINES . . . .	22,010	65,500	\$9,373	-	-	-	22,010	65,500	\$9,373
DRIFT GILL NETS . .	203,178	612,400	81,291	500	1,500	\$200	203,678	613,900	81,491
STAKE GILL NETS . .	147,396	443,700	57,015	338,513	1,231,300	185,667	485,909	1,675,000	242,682
TOTAL . . . . .	372,584	1,121,600	146,679	339,013	1,232,800	185,867	711,597	2,354,400	332,546

## HUDSON RIVER SHAD CATCH, 1915-1948





## LANDINGS AT NEW YORK CITY

Landings of fishery products at New York City during 1948 by fishing craft of all sizes amounted to 13,998,360 pounds. This was an increase of 3.2 million pounds or 30 percent over the 1947 landings.

Of the 1948 New York City landings, 77 percent consisted of fish and 23 percent shellfish. Landings of shellfish increased 2,052,930 pounds or 176 percent over 1947. Finfish showed an increase of 1,167,029 pounds or 11 percent compared with the previous year.

The more important species landed at New York City were sea scallops (meats), 3,073,230 pounds; scup or porgy, 2,506,435 pounds; haddock, 1,773,299 pounds; fluke, 1,406,670 pounds, sea bass, 1,388,856 pounds; and yellowtail flounder, 1,201,500 pounds. The landings of these six species comprised 81 percent of the total.

## LANDINGS AT NEW YORK CITY: BY MONTHS, 1948

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE
	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
FISH						
BLUEFISH . . . . .	-	250	-	30	-	-
BUTTERFISH . . . . .	45,325	52,800	146,490	85,910	5,890	10,345
COD:						
LARGE . . . . .	2,560	29,390	222,340	82,675	9,995	14,210
MARKET . . . . .	1,310	10,682	16,405	49,315	9,255	80,375
CUNNER . . . . .	-	-	-	50	-	-
EELS, CONGER . . . . .	2,800	1,595	925	735	-	-
FLOUNDERS:						
BLACKBACK . . . . .	960	60	-	200	-	11,900
DAB, SEA . . . . .	390	140	1,220	360	2,335	3,745
FLUKE . . . . .	160,966	366,824	541,997	243,255	76,705	135
GRAY SOLE . . . . .	425	40,595	4,665	80	50	-
LEMON SOLE . . . . .	5,325	9,615	23,910	37,665	24,595	14,975
YELLOWTAIL (DABS) . . . . .	69,275	193,805	28,365	16,705	14,905	15,170
HADDOCK . . . . .	73,555	85,125	232,617	200,305	279,875	368,062
HAKE:						
RED (LING) . . . . .	5,000	-	-	-	-	-
WHITE . . . . .	3,870	3,895	10,445	25,520	24,818	755
HALLIBUT . . . . .	295	84	175	2,752	579	1,057
MACKEREL . . . . .	-	-	54,920	2,370	360	52
POLLOCK . . . . .	765	5,715	24,615	28,950	6,495	1,095
RAJAFISH . . . . .	-	-	135	-	-	-
SCUP OR PORGY . . . . .	416,040	474,645	443,200	590,045	14,260	43,525
SEA BASS . . . . .	462,490	430,280	337,385	139,255	835	70
SEA ROBIN . . . . .	-	-	-	560	-	-
SEA TROUT OR WEAKFISH, GRAY . . . . .	225	850	1,532	1,210	-	-
SHARKS . . . . .	-	-	-	280	-	100
STURGEON . . . . .	-	-	-	290	-	-
TILEFISH . . . . .	24,400	75,525	175,865	50,790	105,870	31,600
WHITING . . . . .	300	-	380	21,175	1,120	2,400
WOLFFISH . . . . .	-	-	180	1,160	250	785
UNCLASSIFIED . . . . .	3,100	2,588	2,365	7,300	495	-
TOTAL . . . . .	1,279,376	1,784,463	2,270,181	1,588,942	578,687	600,356
SHELLFISH						
LOBSTERS . . . . .	1,600	8,110	2,520	10,290	-	-
SCALLOPS, SEA (MEATS) . . . . .	-	10,809	68,616	147,384	306,288	596,061
SQUID . . . . .	36,480	4,600	8,855	31,950	1,294	1,165
TOTAL . . . . .	38,080	23,519	79,991	189,624	307,582	597,226
GRAND TOTAL . . . . .	1,317,456	1,807,982	2,350,172	1,778,566	886,269	1,197,582



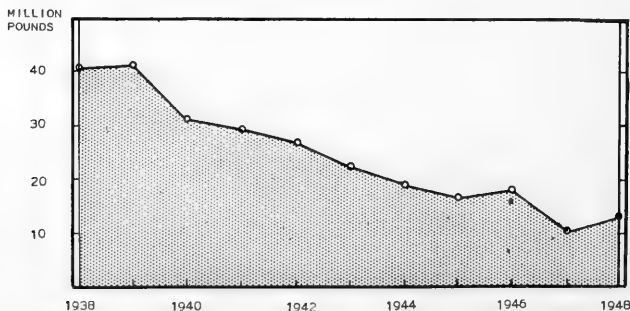
FULTON MARKET, NEW YORK CITY

## MIDDLE ATLANTIC FISHERIES

## LANDINGS AT NEW YORK CITY: BY MONTHS, 1948 - Continued

SPECIES	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
BLUEFISH . . . . .	-	-	-	-	775	770	1,825
BUTTERFISH . . . . .	-	360	-	-	2,865	52,385	402,370
COD:							
LARGE . . . . .	5,080	2,595	-	-	6,075	11,384	386,304
MARKET . . . . .	83,805	70,300	250	400	36,325	51,013	415,435
CUNNER . . . . .	-	-	-	-	-	-	50
DOLPHIN . . . . .	-	-	52	-	-	-	52
EELS, CONGER . . . . .	-	-	-	-	7	40	6,095
FLOUNDERS:							
BLACKBACK . . . . .	31,930	35,760	-	220	18,045	13,280	112,355
DAB, SEA . . . . .	-	-	-	-	690	9,000	17,880
FLUKE . . . . .	-	-	-	-	4,065	12,723	1,406,670
GRAY SOLE . . . . .	-	-	-	-	360	370	46,545
LEMON SOLE . . . . .	5,490	19,540	10,305	12,740	57,055	35,365	256,580
YELLOWTAIL (DABS) . . . . .	5,920	81,435	267,380	324,580	65,230	118,730	1,201,500
HADDOCK . . . . .	203,260	101,180	18,020	16,920	91,550	102,830	1,773,299
HAKE:							
RED (LING) . . . . .	-	-	-	-	-	700	5,700
WHITE . . . . .	820	690	400	150	3,045	2,900	77,308
HALIBUT . . . . .	655	45	-	-	-	215	5,857
MACKEREL . . . . .	-	-	-	-	-	-	57,702
POLLOCK . . . . .	-	-	-	-	890	12,645	81,170
RAJAFISH . . . . .	-	-	-	-	-	850	985
SCUP OR PORGY . . . . .	70,960	15,600	-	-	146,365	291,795	2,506,435
SEA BASS . . . . .	-	1,100	-	-	2,885	14,556	1,388,856
SEA ROBIN . . . . .	-	-	-	-	-	160	720
SEA TROUT OR WEAKFISH,							
GRAY . . . . .	-	-	-	-	-	45	3,912
SHARKS . . . . .	-	-	-	-	-	82	462
STRIPED BASS . . . . .	-	-	-	-	-	78	78
STURGEON . . . . .	-	-	-	-	-	183	473
SWORDFISH . . . . .	-	-	-	10,260	-	82	10,342
TILEFISH . . . . .	-	-	-	-	-	58,530	522,580
TUNA:							
ALBACORE . . . . .	-	12,926	-	-	-	-	12,926
BLUEFIN . . . . .	-	15,350	-	-	-	-	15,350
WHITING . . . . .	-	-	-	-	345	800	26,520
WOLFFISH . . . . .	450	-	-	-	-	-	2,825
ROE . . . . .	-	-	-	-	-	105	105
UNCLASSIFIED . . . . .	9,895	200	300	-	832	3,212	30,287
TOTAL . . . . .	424,265	357,081	296,707	365,270	437,397	794,828	10,777,553
SHELLFISH							
LOBSTERS . . . . .	-	150	3,950	-	985	18,708	46,313
SCALLOPS, SEA (MEATS) . . . . .	407,619	552,384	420,318	307,647	150,192	105,912	3,073,230
SQUID . . . . .	-	320	-	-	5,700	10,900	101,264
TOTAL . . . . .	407,619	552,854	424,268	307,647	156,877	135,520	3,220,807
GRAND TOTAL . . . . .	831,884	909,935	720,975	672,917	594,274	930,348	13,998,360

## LANDINGS AT NEW YORK CITY, 1938-1948



(Area XXIII)<sup>5</sup>

During 1948, the fishermen of Chesapeake Bay continued to receive record incomes from their catches as they had the preceding three years. The balance between supply and demand was, on the whole, maintained. There were no gluts to depress prices and no major scarcities developed except in one species, croakers. There was a shortage of oysters in certain sections of Maryland and Virginia, but the overall production level was maintained in both states, with a growing feeling among members of the industry that replenishment programs should be stepped up if production from the public domain was to be maintained.

Crabs were plentiful, and summer and winter crabbing activities yielded good catches. The 1948 hard crab production recorded an increase of 3,411,800 pounds and \$752,551 over the previous year.

Canning of menhaden and whiting was discontinued in 1948. These species had been canned during wartime as substitutes for scarce items of canned fish, and for sale in foreign countries, however, demand for these products disappeared as the more desirable fishery products became available.

The shad runs of 1948 showed no sign of returning to the abundance of previous years. Prices were maintained at a profitable level for both fishermen and dealers, but the fish were comparatively small.

The menhaden industry concluded a profitable season even though the fleet was larger and the catch smaller than during the previous year. There were 151,931,600 pounds of menhaden taken in 1948, with a value of \$1,576,168 to the fishermen. This represents a decrease of 15 percent in quantity and 4 percent in value compared with 1947.

Increased landings of porgies and sea bass were recorded during 1948. This was due primarily to the increased activity in the waters adjacent to the Maryland and Virginia shore by the otter-trawl fleet. Gill-netting activities by local fishermen were also stepped-up in 1948 and increased landings of bluefish and striped bass were reflected in these operations.

The 1948 catch of fish and shellfish in the Chesapeake States totaled 364,336,400 pounds, valued at \$27,604,222 to the fishermen. This represents a decrease of 11 percent in quantity and 3 percent in value compared with the previous year.

The yield of fish and shellfish in Maryland during 1948 amounted to 54,213,400 pounds valued at \$8,220,040 - a decline of 9 percent in quantity but an increase of 1 percent in value compared with 1947. In Virginia, production decreased 11 percent in poundage and 4 percent in value to 310,123,000 pounds, valued at \$19,384,182.

Menhaden was the most important species from the standpoint of quantity, accounting for 42 percent of the total catch, but for only 6 percent of the total value. The second most important species on the poundage basis was hard crabs which accounted for 17 percent; followed by oysters, with 9 percent; and croakers, with 7 percent. When value was considered, the most important item was oysters, which accounted for 43 percent of the total; followed by hard crabs, 13 percent; croakers, 11 percent; and soft crabs, 3 percent.

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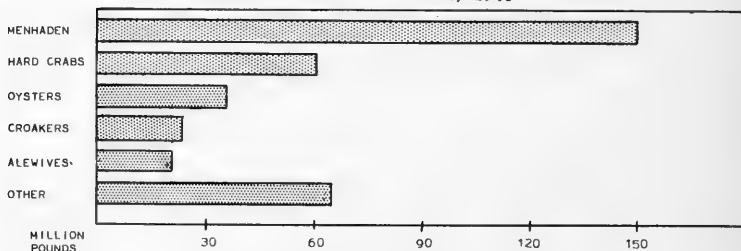
<sup>5</sup> This number has been assigned to this area by the North American Council of Fishery Investigations. It should be explained that there may be included under this area, craft whose principal fishing ports are in this area but at times fish elsewhere. Data on the operating units and catch of the fisheries of Maryland have been taken largely from statistics collected by the Maryland Department of Tidewater Fisheries. A portion of the data on the fisheries of Virginia have likewise been obtained from the Virginia Commission of Fisheries. Supplementary surveys, compilations, and analyses, have been made by agents of this Service in order that the figures may be presented in a manner comparable with those of other sections.

The production of canned fish and fishery byproducts in Maryland and Virginia during 1948 was valued at \$7,413,908 to the packer. This represents a decrease of 7 percent compared with 1947. Menhaden scrap and meal was the most valuable item processed followed by marine pearl-shell buttons and menhaden oil. A total of 26 plants were engaged in canning fishery products in the states in 1948, while 20 were used for processing fishery byproducts.

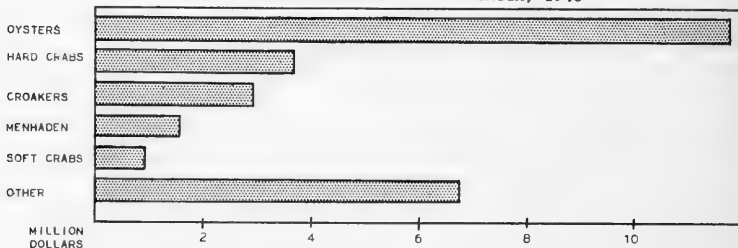
The last complete survey of the transporting, wholesaling, and manufacturing industries was for 1940. In the year, 1,023 men were employed in the operation of 544 vessels engaged in the transporting trade and 12,331 persons were employed in wholesale and manufacturing establishments. The latter employees received \$3,552,827 in salaries and wages during 1940. Detailed statistics on these branches of the industry for 1940 can be found in 'Fishery Statistics of the United States, 1944' (Statistical Digest No. 16).

Condensed summary of the catch by states of the Chesapeake Fisheries, appearing on the following pages, have previously been published in Current Fishery Statistics No. 564.

CHESAPEAKE STATES CATCH, 1948



VALUE OF THE CHESAPEAKE STATES CATCH, 1948



## SECTIONAL SUMMARIES

## SUMMARY OF CATCH, 1948

PRODUCT	MARYLAND		VIRGINIA		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FISH . . . . .	17,940,800	\$1,658,377	241,731,800	\$8,603,454	259,672,600	\$10,261,831
SHELLFISH, ETC. . . . .	36,272,600	6,561,663	68,391,200	10,780,728	104,663,800	17,342,391
TOTAL . . . . .	54,213,400	8,220,040	310,123,000	19,384,182	364,336,400	27,604,222

## SUMMARY OF OPERATING UNITS, 1948

ITEM	MARYLAND		VIRGINIA		TOTAL	
	NUMBER		NUMBER		NUMBER	
FISHERMEN:						
ON VESSELS . . . . .	559		1,534		2,093	
ON BOATS AND SHORE:						
REGULAR . . . . .	5,462		5,290		10,752	
CASUAL . . . . .	3,030		4,115		7,145	
TOTAL . . . . .	9,051		10,939		19,990	
VESSELS:						
MOTOR . . . . .	25		339		364	
NET TONNAGE . . . . .	357		4,387		4,744	
SAIL . . . . .	99		-		99	
NET TONNAGE . . . . .	1,095		-		1,095	
STEAM . . . . .	-		3		3	
NET TONNAGE . . . . .	-		175		175	
TOTAL VESSELS . . . . .	124		342		466	
TOTAL NET TONNAGE . . . . .	1,452		4,562		6,014	
BOATS:						
MOTOR . . . . .	4,490		4,223		8,713	
OTHER . . . . .	2,151		2,823		4,974	
ACCESSORY BOATS . . . . .	-		72		72	
APPARATUS:						
PURSE SEINES, MENHADEN . . . . .	-		18		18	
LENGTH, YARDS . . . . .	-		6,750		6,750	
HAUL SEINES, COMMON . . . . .	293		318		611	
LENGTH, YARDS . . . . .	93,720		208,125		301,845	
GILL NETS:						
ANCHOR . . . . .	128		124		252	
SQUARE YARDS . . . . .	244,600		55,740		300,340	
DRIFT . . . . .	288		596		884	
SQUARE YARDS . . . . .	797,608		909,900		1,707,508	
RUNAROUND . . . . .	-		5		5	
SQUARE YARDS . . . . .	-		1,900		1,900	
STAKE . . . . .	421		877		938	
SQUARE YARDS . . . . .	980,400		460,920		1,441,320	
LINES:						
HAND . . . . .	232		847		1,079	
HOOKS . . . . .	424		977		1,401	
TRAWL OR TROT WITH HOOKS . . . . .	7		3		10	
HOOKS . . . . .	210		620		830	
TROT WITH BAITS OR SNOODS . . . . .	1,168		586		1,754	
BAITS OR SNOODS . . . . .	750,000		375,500		1,125,500	
POUND NETS . . . . .	617		1,490		2,107	
STOP NETS . . . . .	-		3		3	
SQUARE YARDS . . . . .	-		1,400		1,400	
FYKE NETS:						
CRAB . . . . .	-		809		809	
FISH . . . . .	354		758		1,112	
DIP NETS, COMMON . . . . .	707		504		1,211	
OTTER TRAWLS, FISH . . . . .	14		44		58	
YARDS AT MOUTH . . . . .	315		937		1,252	
SLAT TRAPS . . . . .	-		6		6	
POTS:						
CRAB . . . . .	19,400		46,650		66,050	
EEL . . . . .	24,845		2,647		27,492	
FISH . . . . .	1,856		1,701		3,557	
TURTLE . . . . .	599		497		1,096	
SCRAPES . . . . .	362		152		514	
YARDS AT MOUTH . . . . .	464		185		649	
DREGS:						
CRAB . . . . .	60		288		348	
YARDS AT MOUTH . . . . .	50		437		487	
OYSTER, COMMON . . . . .	303		443		746	
YARDS AT MOUTH . . . . .	328		500		828	
OTHER . . . . .	9		-		9	
YARDS AT MOUTH . . . . .	22		-		22	
TONGS:						
OYSTER . . . . .	4,371		2,770		7,141	
OTHER . . . . .	80		453		533	
RAKES:						
OYSTER . . . . .	-		92		92	
OTHER . . . . .	114		573		687	

## CHESAPEAKE FISHERIES

## CATCH BY STATES, 1948

SPECIES	MARYLAND		VIRGINIA		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES . . . . .	3,720,100	\$81,189	19,364,600	\$393,199	23,084,700	\$474,388
ANGLERFISH . . . . .	2,000	40	-	-	2,000	40
BLUEFISH . . . . .	131,200	20,796	271,700	31,076	402,900	51,872
BLUE PIKE . . . . .	100	11	-	-	100	11
BOWFIN . . . . .	1,300	36	-	-	1,300	36
BUTTERFISH . . . . .	232,400	18,951	1,330,500	71,946	1,562,900	90,897
CARP . . . . .	333,800	19,530	1,031,800	49,891	1,365,600	69,421
CATFISH AND BULLHEADS . . . . .	685,300	45,840	1,437,300	100,634	2,122,600	146,474
COD . . . . .	57,300	2,865	11,100	533	68,400	3,398
CRAPPIE . . . . .	7,600	424	-	-	7,600	424
CROAKER . . . . .	2,216,800	239,097	23,152,100	2,687,933	25,368,900	2,927,030
DRUM:						
BLACK . . . . .	77,500	5,120	88,300	4,906	165,800	10,026
RED OR REDFISH . . . . .	-	-	34,700	2,855	34,700	2,855
EELS:						
COMMON . . . . .	845,700	108,048	436,800	52,350	1,282,500	160,398
CONGER . . . . .	1,800	54	23,300	699	25,100	753
FLOUNDERS . . . . .	472,300	64,725	1,882,100	226,838	2,354,400	291,563
GIZZARD SHAD . . . . .	6,100	320	143,300	3,262	149,400	3,582
HADDOCK . . . . .	-	-	100	6	100	6
HAKE:						
RED . . . . .	3,300	92	-	-	3,300	92
WHITE . . . . .	14,800	444	84,600	3,569	99,400	4,013
HALIBUT . . . . .	200	28	-	-	200	28
HARVESTFISH OR "STARFISH" . . . . .	-	-	673,500	38,414	673,500	38,414
HERRING, SEA . . . . .	88,800	1,776	209,100	4,185	297,900	5,961
HICKORY SHAD . . . . .	22,400	1,378	77,800	3,890	100,200	5,268
HOGCHOKER . . . . .	5,600	298	-	-	5,600	298
JEWFISH . . . . .	-	-	100	4	100	4
KING WHITING OR "KINGFISH" . . . . .	13,800	1,242	461,700	35,808	475,500	37,050
LADYFISH . . . . .	200	16	-	-	200	16
MACKEREL . . . . .	199,700	17,973	2,279,900	198,645	2,479,600	216,618
MENHADEN . . . . .	564,600	5,576	151,367,000	1,570,592	151,931,600	1,576,168
MULLET . . . . .	-	-	61,600	4,306	61,600	4,306
PIGFISH . . . . .	2,000	80	37,200	1,763	39,200	1,843
PIKE OR PICKEREL . . . . .	23,200	4,578	-	-	23,200	4,578
POMPANO . . . . .	-	-	2,600	650	2,600	650
ROSEFISH (OCEAN PERCH) . . . . .	500	14	-	-	500	14
RUDDERFISH . . . . .	-	-	300	6	300	6
SAND PERCH . . . . .	23,200	1,035	41,900	1,279	65,100	2,314
SCUP OR PORGY . . . . .	1,669,300	100,188	7,058,000	510,782	8,727,300	610,940
SEA BASS . . . . .	290,900	26,181	7,239,000	656,614	7,529,900	682,795
SEA ROBIN . . . . .	-	-	29,500	1,014	29,500	1,014
SEA TROUT OR WEAFFISH:						
GRAY . . . . .	1,109,000	122,559	11,953,800	763,832	12,962,800	886,391
SPOTTED . . . . .	-	-	88,700	13,000	88,700	13,000
SHAD . . . . .	1,004,400	150,797	3,205,900	532,816	4,210,300	683,613
SHARKS . . . . .	31,100	1,244	373,300	14,932	404,400	16,176
SHEEPSHEAD, SALT-WATER . . . . .	-	-	1,100	90	1,100	90
SKATES . . . . .	4,100	41	400	72	4,500	113
SNAPPER, MANGROVE . . . . .	400	48	-	-	400	48
SPANISH MACKEREL . . . . .	-	-	33,200	5,976	33,200	5,976
SPOT . . . . .	112,000	10,027	3,958,200	228,342	4,070,200	238,369
STRIPED BASS . . . . .	2,650,200	487,360	2,452,100	332,954	5,102,300	820,314
STURGEON . . . . .	3,600	874	37,800	8,805	41,400	9,679
SUCKERS . . . . .	11,400	565	700	56	12,100	621
SUNFISH . . . . .	1,700	91	-	-	1,700	91
SWELLFISH . . . . .	16,400	656	87,900	3,636	104,300	4,292
TAUTOG . . . . .	4,000	243	18,200	1,289	22,200	1,532
TILEFISH . . . . .	-	-	11,800	937	11,800	937
TOMCOD . . . . .	-	-	2,500	125	2,500	125
TUNA AND TUNALIKE FISHES:						
BONITO . . . . .	14,500	1,880	18,100	1,629	32,600	3,509
LITTLE . . . . .	1,000	50	15,500	715	16,500	765
TOTAL TUNA . . . . .	15,500	1,930	33,600	2,344	49,100	4,274
WHITE PERCH . . . . .	945,300	82,643	689,500	34,300	1,634,800	116,943
WHITING . . . . .	7,700	231	33,700	1,011	41,400	1,242
YELLOW PERCH . . . . .	199,500	28,667	20,900	1,288	220,400	29,955
YELLOW PIKE . . . . .	200	41	-	-	200	41
UNCLASSIFIED . . . . .	110,500	2,445	-	-	110,500	2,445
TOTAL . . . . .	17,940,800	1,658,377	241,731,800	8,603,454	259,672,600	10,261,831

(CONTINUED ON NEXT PAGE)

CHESAPEAKE FISHERIES

CATCH BY STATES, 1948 - Continued

SPECIES	MARYLAND		VIRGINIA		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
SHELLFISH, ETC.						
CRABS, BLUE:						
HARD . . . . .	20,620,500	\$1,272,722	42,693,200	\$2,392,072	63,313,700	\$3,664,794
SOFT AND PEELERS . . . . .	1,862,400	377,750	2,770,400	552,100	4,632,800	929,850
LOBSTERS, NORTHERN . . . . .	1,500	450	900	270	2,400	720
CLAMS, HARD:						
PUBLIC . . . . .	162,800	81,400	872,700	436,350	1,035,500	517,750
PRIVATE . . . . .	37,100	18,550	694,200	347,075	731,300	365,625
TOTAL CLAMS . . . . .	199,900	99,950	1,566,900	783,425	1,766,800	883,375
CONCHS . . . . .						
PUBLIC, MARKET:	30,900	3,090	59,300	5,930	90,200	9,020
PUBLIC, SPRING . . . . .	4,968,800	1,755,142	3,025,600	1,022,920	7,994,400	2,778,062
PUBLIC, FALL . . . . .	6,656,400	2,315,390	3,536,700	1,111,640	10,193,100	3,427,030
PRIVATE, SPRING . . . . .	796,000	328,350	7,433,900	2,519,250	8,229,900	2,847,600
PRIVATE, FALL . . . . .	863,900	361,510	7,121,300	2,371,130	7,985,200	2,732,640
TOTAL OYSTERS . . . . .	13,285,100	4,760,392	21,117,500	7,024,940	34,402,600	11,785,332
SCALLOPS, SEA . . . . .						
	100	40	-	-	100	40
SQUID . . . . .						
	76,200	6,096	68,300	3,656	144,500	9,752
TERRAPIN, DIAMOND-BACK . . . . .						
	144,900	36,225	19,000	4,750	163,900	40,975
TURTLES:						
LOGGERHEAD . . . . .	-	-	2,800	156	2,800	156
SNAPPER . . . . .	51,100	4,948	92,900	13,429	144,000	18,377
TOTAL . . . . .	36,272,600	6,561,663	68,391,200	10,780,728	104,663,800	17,342,391
GRAND TOTAL . . . . .	54,213,400	8,220,040	310,123,000	19,384,182	364,336,400	27,604,222

SUPPLEMENTARY REVIEW OF THE CATCH OF CERTAIN SHELLFISH, 1948

PRODUCT	MARYLAND		VIRGINIA		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
CRABS, BLUE:						
HARD . . . . . NUMBER	58,067,300	\$1,272,722	125,241,650	\$2,392,072	183,308,950	\$3,664,794
SOFT AND PEELERS . . . . . DO	7,388,400	377,750	11,081,600	552,100	18,470,000	929,850
CLAMS, HARD:						
PUBLIC . . . . . BUSHEL	23,257	81,400	124,671	436,350	147,928	517,750
PRIVATE . . . . . DO	5,300	18,550	99,171	347,075	104,471	365,625
CONCHS . . . . . DO	2,060	3,090	3,953	5,930	6,013	9,020
OYSTERS, MARKET:						
PUBLIC, SPRING . . . . . DO	1,102,857	1,755,142	681,025	1,022,920	1,783,882	2,778,062
PUBLIC, FALL . . . . . DO	1,649,997	2,315,390	877,227	1,111,640	2,527,224	3,427,030
PRIVATE, SPRING . . . . . DO	171,368	328,350	1,713,665	2,519,250	1,885,033	2,847,600
PRIVATE, FALL . . . . . DO	205,410	361,510	1,811,247	2,371,130	2,016,657	2,732,640

NOTE:--BUSHEL

AVERAGE WEIGHTS OF CERTAIN SHELLFISH, 1948

PRODUCT	MARYLAND	VIRGINIA
	QUANTITY	QUANTITY
CRABS, BLUE:		
HARD . . . . .	NUMBER PER POUND	2.82
SOFT AND PEELERS . . . . .	DO	3.97
CLAMS, HARD:		
PUBLIC . . . . .	LBS. MEATS PER U. S. BUSHEL	7.00
PRIVATE . . . . .	DO	7.00
CONCHS . . . . .	DO	15.00
OYSTERS, MARKET:		
PUBLIC, SPRING . . . . .	DO	4.51
PUBLIC, FALL . . . . .	DO	4.03
PRIVATE, SPRING . . . . .	DO	4.64
PRIVATE, FALL . . . . .	DO	4.21

NOTE:--BUSHEL

## CHESAPEAKE FISHERIES

MANUFACTURED FISHERY PRODUCTS,  
VARIOUS YEARS 1/

ITEM	YEAR	UNIT	MARYLAND		VIRGINIA	
			QUANTITY	VALUE	QUANTITY	VALUE
BY MANUFACTURING ESTABLISHMENTS:						
ALEVINES:						
CANNED . . . . .	1948	STANDARD CASES	76,340	\$410,447	46,794	\$228,909
ROE, CANNED . . . . .	1948	DO	6,379	107,137	14,319	258,812
SALTED:						
CORNED . . . . .	1940	POUNDS	30,000	800	2,179,300	53,196
PICKLED <sup>2/</sup> . . . . .	1940	DO	2,406,150	84,371	2,445,350	92,448
TIGHT-PACK CUT . . . . .	1940	DO	-	-	280,100	12,698
WITH ROE . . . . .	1940	DO	-	-	62,700	3,874
SMOKED . . . . .	1940	DO	5,000	500	-	-
BUTTERFISH, SMOKED . . . . .	1940	DO	79,000	19,750	-	-
CARP, SMOKED . . . . .	1940	DO	2,800	800	-	-
CHUB, CISCO AND TULLIBEE, SMOKED . . . . .	1940	DO	185,000	58,100	-	-
EELS, SMOKED . . . . .	1940	DO	23,000	6,625	-	-
FLOUNDERS:						
FRESH FILLETS . . . . .	1948	DO	-	-	57,000	20,600
FROZEN FILLETS . . . . .	1948	DO	-	-	23,000	9,000
HERRING, SEA:						
CANNED . . . . .	1948	STANDARD CASES	21,550	109,550	-	-
SMOKED . . . . .	1940	POUNDS	48,000	5,600	-	-
LAKE TROUT, SMOKED . . . . .	1940	DO	9,000	3,150	-	-
MACKEREL:						
CANNED . . . . .	1948	STANDARD CASES	51,290	427,828	(3)	(3)
CANNED ROE . . . . .	1948	DO	615	6,565	-	-
MENHADEN:						
MEAL AND SCRAP . . . . .	1948	TONS	-	-	16,086	1,853,922
OIL . . . . .	1948	GALLONS	-	-	812,764	1,131,540
SABLEFISH, SMOKED . . . . .	1940	POUNDS	30,000	8,000	-	-
SALMON, SMOKED . . . . .	1940	DO	195,000	67,350	-	-
SEA BASS, FRESH & FROZEN FILLETS	1948	DO	-	-	64,000	22,480
SEA TROUT:						
FRESH FILLETS . . . . .	1948	DO	-	-	194,400	59,436
FROZEN FILLETS . . . . .	1948	DO	-	-	166,164	48,818
SHAD, CANNED . . . . .	1948	STANDARD CASES	1,371	14,172	(3)	(3)
STURGEON, SMOKED . . . . .	1940	POUNDS	8,000	6,600	-	-
WHITEFISH, SMOKED . . . . .	1940	DO	33,500	11,725	-	-
CLAMS, HARD, FRESH-SHUCKED . . . . .	1940	GALLONS	-	-	4,450	8,170
CRABS, HARD:						
MEAT, FRESH-COOKED . . . . .	1940	POUNDS	2,050,280	726,339	1,891,237	690,600
MEAL AND SCRAP . . . . .	1948	TONS	2,400	122,100	2,139	115,400
MUSSELS, SEA, STEAMED AND SHUCKED . . . . .						
1940		POUNDS	-	-	901,978	187,354
OYSTERS, FRESH-SHUCKED . . . . .	1940	GALLONS	2,439,138	2,741,365	2,191,988	2,666,544
MISCELLANEOUS CANNED <sup>4/</sup> . . . . .	1948	STANDARD CASES	24,215	301,025	7,898	35,528
MISCELLANEOUS FRESH AND FROZEN <sup>5/</sup> . . . . .						
1948		POUNDS	-	-	47,700	12,880
MISCELLANEOUS BYPRODUCTS <sup>6/</sup> . . . . .	1948	-	-	2,058,429	-	232,544
TOTAL . . . . .		-	-	7,298,328	-	7,744,753
BY FISHERMEN:						
ALEVINES, SALTED:						
CORNED . . . . .	1940	POUNDS	5,800	215	-	-
PICKLED <sup>2/</sup> . . . . .	1940	DO	80,000	2,400	-	-
EELS, SALTED . . . . .	1940	DO	122,620	10,551	-	-
HOGCHOKER, SALTED . . . . .	1940	DO	3,000	140	-	-
TOTAL . . . . .		-	211,420	13,306	-	-
GRAND TOTAL . . . . .		-	-	7,311,634	-	7,744,753

1/ DATA ON THE PRODUCTION OF THE VARIOUS PRODUCTS ARE FOR THE YEARS INDICATED.

2/ THIS ITEM IS USUALLY AN INTERMEDIATE PRODUCT AND ALTHOUGH INCLUDED IN THE TOTAL MAY BE SHOWN IN ITS FINAL STAGE OF PROCESSING IN THIS OR ANOTHER STATE.

3/ INCLUDED WITH MISCELLANEOUS PRODUCTS.

4/ MISCELLANEOUS CANNED IN MARYLAND INCLUDES SARDINES, WHITING, HARD CLAM CHOWDER, AND CRAB MEAT; IN VIRGINIA, MACKEREL, SHAD, SHAD ROE, CARP ROE, TROUT ROE, FISH CAKES AND ANIMAL FOOD.

5/ MISCELLANEOUS FRESH AND FROZEN IN VIRGINIA INCLUDES CROAKER, SHARK, AND STRIPED BASS.

6/ MISCELLANEOUS BYPRODUCTS IN MARYLAND INCLUDE MARINE PEARL-SHELL BUTTONS, OYSTER-SHELL GRIT AND UNBURNED LIME, FISH SCRAP, MEAL AND MISCELLANEOUS OIL; IN VIRGINIA, OYSTER-SHELL GRIT, BURNED AND UNBURNED LIME, AND SOME SCRAP MEAL.

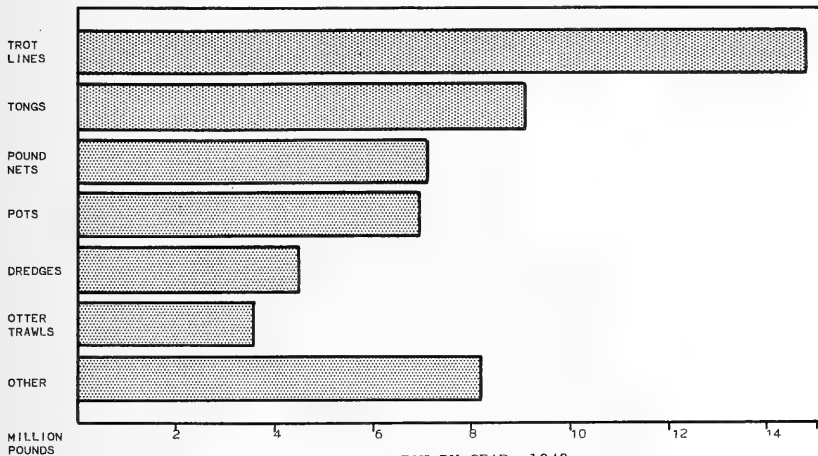
NOTE: SOME OF THE ABOVE PRODUCTS MAY HAVE BEEN IMPORTED FROM ANOTHER STATE OR A FOREIGN COUNTRY; THEREFORE, THEY CANNOT BE CORRELATED DIRECTLY WITH THE CATCH WITHIN THE STATE.



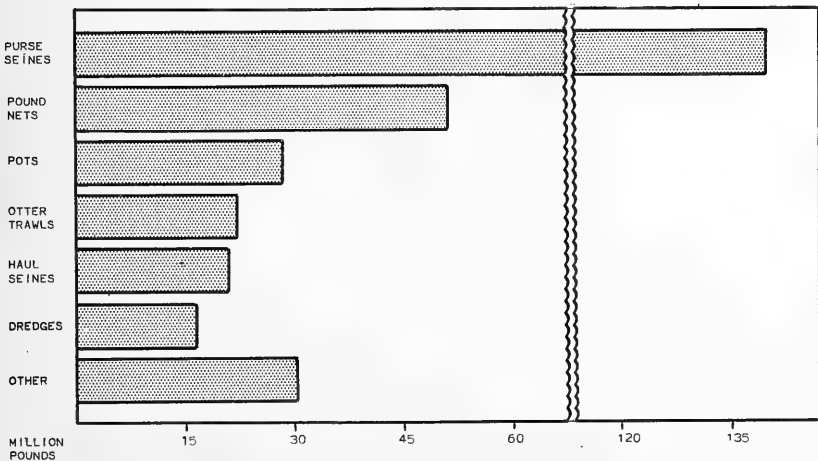
SUMMARY OF MANUFACTURED FISHERY PRODUCTS, VARIOUS YEARS

SUMMARY OF ITEMS:				
ITEM	YEAR	UNIT	QUANTITY	VALUE
FRESH AND FROZEN PACKAGED FISH	1948	POUNDS	552,265	\$173,214
CANNED FISH AND SHELLFISH . . .	1948	STANDARD CASES	250,771	1,899,973
BYPRODUCTS. . . . .	1948	-	-	5,513,935
PACKAGED SHELLFISH. . . . .	1940	POUNDS	45,404,785	7,020,372
SALTED AND PICKLED. . . . .	1940	DO	7,615,020	260,693
SMOKED AND KIPPERED . . . . .	1940	DO	619,300	188,200
TOTAL. . . . .	-	-	-	15,056,387

MARYLAND: CATCH BY GFAR, 1948



VIRGINIA: CATCH BY GEAR, 1948



## CHESAPEAKE FISHERIES

## MARYLAND

## OPERATING UNITS BY GEAR, 1948

ITEM	HAUL SEINES, COMMON	GILL NETS			LINES			POUND NETS	FYKE NETS, FISH
		ANCHOR	DRIFT	STAKE	HAND	TRAWL OR TROT WITH HOOKS	TROT WITH BAITS OR SNOODS		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	
FISHERMEN:									
ON VESSELS . . . . .	-	-	23	-	13	-	-	-	
ON BOATS AND SHORE:									
REGULAR . . . . .	579	95	340	437	77	2	896	482	
CASUAL . . . . .	699	129	217	226	94	5	303	233	
TOTAL . . . . .	1,278	224	580	663	184	7	1,199	715	
VESSLS, MOTOR NET TONNAGE . . . . .	-	-	8	-	4	-	-	-	
NET TONNAGE . . . . .	-	-	98	-	55	-	-	-	
BOATS:									
MOTOR . . . . .	293	128	267	369	57	3	1,024	228	
OTHER . . . . .	382	15	13	66	-	4	144	219	
APPARATUS:									
NUMBER . . . . .	293	128	288	421	232	7	1,168	617	
LENGTH, YARDS . . . . .	93,720	-	-	-	-	-	-	-	
SQUARE YARDS . . . . .	-	244,600	797,608	980,400	-	-	-	-	
HOOKS, BAITS, OR SNOODS . . . . .	-	-	-	-	424	210	750,000	-	

ITEM	DIP NETS, COMMON	OTTER TRAWLS, FISH	POTS				SCRAPES	DREDGES CRAB
			CRAB	EEL	FISH	TURTLE		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	
FISHERMEN:								
ON VESSELS . . . . .	-	74	-	-	-	-	-	
ON BOATS AND SHORE:								
REGULAR . . . . .	232	-	317	271	69	24	308	
CASUAL . . . . .	475	-	145	349	60	14	80	
TOTAL . . . . .	707	74	462	620	129	38	388	
VESSLS, MOTOR NET TONNAGE . . . . .	-	14	-	-	-	-	-	
NET TONNAGE . . . . .	-	250	-	-	-	-	-	
BOATS:								
MOTOR . . . . .	-	-	388	279	65	14	278	
OTHER . . . . .	707	-	-	147	18	17	-	
APPARATUS:								
NUMBER . . . . .	707	14	19,400	24,845	1,856	599	362	
YARDS AT MOUTH . . . . .	-	315	-	-	-	-	464	

ITEM	DREDGES - CONT'D.		TONGS		RAKES, OTHER THAN FOR OYSTERS	BY HAND		TOTAL, EXCLUSIVE OF DUPLICATION
	OYSTER, COMMON	OTHER	OYSTER	OTHER		OYSTER	OTHER	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	
FISHERMEN:								
ON VESSELS . . . . .	473	-	-	-	-	-	559	
ON BOATS AND SHORE:								
REGULAR . . . . .	104	10	3,735	60	91	15	192	
CASUAL . . . . .	-	5	636	20	23	14	124	
TOTAL . . . . .	577	15	4,371	80	114	29	316	
VESSLS:								
MOTOR . . . . .	7	-	-	-	-	-	25	
NET TONNAGE . . . . .	63	-	-	-	-	-	357	
SAIL . . . . .	99	-	-	-	-	-	99	
NET TONNAGE . . . . .	1,095	-	-	-	-	-	1,095	
TOTAL VESSELS . . . . .	106	-	-	-	-	-	124	
TOTAL NET TONNAGE . . . . .	1,158	-	-	-	-	-	1,452	
BOATS:								
MOTOR . . . . .	52	9	2,988	33	24	5	62	
OTHER . . . . .	-	-	-	25	58	12	143	
APPARATUS:								
NUMBER . . . . .	303	9	4,371	80	114	-	-	
YARDS AT MOUTH . . . . .	328	22	-	-	-	-	-	

MARYLAND: CATCH BY GEAR, 1948

SPECIES	HAUL SEINES		GILL NETS						LINES	
			ANCHOR		DRIFT		STAKE		HAND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES . . . . .	117,900	\$2,858	33,300	\$865	18,700	\$455	206,700	\$4,779	-	-
BLUEFISH . . . . .	1,300	92	-	-	-	-	-	-	19,500	\$3,510
BUTTERFISH . . . . .	-	-	-	-	1,800	126	-	-	-	-
CARP . . . . .	240,900	14,654	1,500	97	5,600	350	12,000	643	-	-
GIZZARD SHAD . . . . .	158,100	9,365	4,800	270	4,900	666	14,200	815	-	-
CRAPPIE . . . . .	5,200	279	-	-	-	-	-	-	-	-
CROAKER . . . . .	1,456,100	153,866	1,300	230	2,600	302	10,700	1,222	4,100	450
FLOWNDERS . . . . .	400	38	1,000	90	-	-	600	50	41,600	5,824
HERRING, SEA . . . . .	1,200	58	200	11	100	7	2,200	146	-	-
HICKORY SHAD . . . . .	300	19	3,600	236	1,900	110	6,900	458	-	-
KING WHITING OR "KINGFISH" . . . . .	-	-	-	-	-	-	-	-	1,200	108
MACKEREL . . . . .	-	-	-	-	180,000	16,200	-	-	-	-
MENHADEN . . . . .	1,000	13	-	-	-	-	-	-	-	-
PIKE OR PICKEREL . . . . .	5,900	1,050	300	52	600	93	3,200	493	-	-
SAND PERCH . . . . .	12,800	616	-	-	1,600	65	100	6	-	-
SCUP OR PORGY . . . . .	-	-	-	-	-	-	-	-	3,800	228
SEA BASS . . . . .	-	-	-	-	-	-	-	-	5,000	450
SEA TROUT OR WEAKFISH, . . . . .	-	-	-	-	-	-	-	-	-	-
GRAY . . . . .	57,900	8,698	300	70	300	118	2,900	422	1,200	108
SHAD . . . . .	18,200	1,898	212,500	27,264	121,500	17,040	280,800	44,716	-	-
SHARKS . . . . .	-	-	-	-	800	32	-	-	1,700	68
SPOT . . . . .	73,900	6,658	-	-	-	-	500	44	600	36
STRIPED BASS . . . . .	624,300	114,019	183,100	34,647	320,500	59,300	575,100	105,613	12,400	1,726
SUCKERS . . . . .	8,400	411	200	10	-	-	100	8	-	-
SUNFISH . . . . .	800	43	-	-	-	-	500	27	-	-
TUNA AND TUNALIKE FISHES, . . . . .	-	-	-	-	-	-	-	-	-	-
BONITO . . . . .	-	-	-	-	-	-	-	-	14,000	1,820
WHITE PERCH . . . . .	288,200	24,676	31,400	2,960	95,500	9,053	184,900	16,533	-	-
YELLOW PERCH . . . . .	40,800	5,610	2,900	486	3,700	525	19,300	3,274	-	-
YELLOW PIKE . . . . .	200	41	-	-	-	-	-	-	-	-
UNCLASSIFIED . . . . .	3,300	294	-	-	-	-	100	6	-	-
TURTLES, SNAPPER . . . . .	-	-	-	-	-	-	-	-	8,100	648
TOTAL . . . . .	3,117,100	345,246	476,400	67,288	763,500	104,500	1,320,800	179,255	113,200	14,976

SPECIES	LINES - CONTINUED							
	TRAWL OR TROT WITH HOOKS		TROT WITH BAITS OR SNOODS		POUND NETS		FYKE NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES . . . . .	-	-	-	-	3,327,000	\$71,845	16,500	\$387
BLUEFISH . . . . .	-	-	-	-	16,400	1,194	-	-
BLUE PIKE . . . . .	-	-	-	-	100	11	-	-
BOWFIN . . . . .	-	-	-	-	1,300	36	-	-
BUTTERFISH . . . . .	-	-	-	-	179,800	14,761	-	-
CARP . . . . .	-	-	-	-	51,600	2,369	22,200	1,417
CATFISH AND BULLHEADS . . . . .	2,000	\$140	-	-	116,900	8,241	104,700	6,854
CRAPPIE . . . . .	-	-	-	-	2,000	121	400	24
CROAKER . . . . .	-	-	-	-	284,000	32,786	8,100	741
DRUM, BLACK . . . . .	-	-	-	-	76,000	5,015	-	-
FLOWNDERS . . . . .	-	-	-	-	32,500	3,213	100	10
GIZZARD SHAD . . . . .	-	-	-	-	2,400	98	-	-
HAKE, RED . . . . .	-	-	-	-	3,300	92	-	-
HERRING, SEA . . . . .	-	-	-	-	56,700	1,134	-	-
HICKORY SHAD . . . . .	-	-	-	-	9,700	555	-	-
HOGCHOKER . . . . .	-	-	-	-	500	43	100	5
KING WHITING OR "KINGFISH" . . . . .	-	-	-	-	100	9	-	-
LADYFISH . . . . .	-	-	-	-	200	16	-	-
MACKEREL . . . . .	-	-	-	-	8,500	765	-	-
MENHADEN . . . . .	-	-	-	-	543,300	5,441	-	-
PIKE OR PICKEREL . . . . .	-	-	-	-	6,200	1,140	7,000	1,750
SAND PERCH . . . . .	-	-	-	-	4,000	155	800	37
SCUP OR PORGY . . . . .	-	-	-	-	1,600	96	-	-
SEA TROUT OR WEAKFISH, . . . . .	-	-	-	-	-	-	-	-
GRAY . . . . .	-	-	-	-	637,400	76,378	-	-
SHAD . . . . .	-	-	-	-	369,800	59,679	1,000	138
SNAPPER, MANGROVE . . . . .	-	-	-	-	400	48	-	-
SPOT . . . . .	-	-	-	-	35,100	3,175	-	-
STRIPED BASS . . . . .	-	-	-	-	911,600	168,596	10,600	1,947
STURGEON . . . . .	-	-	-	-	600	124	-	-
SUCKERS . . . . .	-	-	-	-	800	48	1,900	88
SUNFISH . . . . .	-	-	-	-	-	-	400	21
TAUTOG . . . . .	-	-	-	-	1,900	96	-	-

(CONTINUED ON NEXT PAGE)

## CHESAPEAKE FISHERIES

## MARYLAND: CATCH BY GEAR, 1948 - Continued

SPECIES	LINES - CONTINUED				POUND NETS		FYKE NETS	
	TRAWL OR TROT WITH HOOKS		TROT WITH BAITS OR SNOODS		POUNDS	VALUE	POUNDS	VALUE
	POUNDS	VALUE	POUNDS	VALUE				
WHITE PERCH . . . . .	-	-	-	-	272,200	\$22,957	69,000	\$6,341
YELLOW PERCH . . . . .	-	-	-	-	12,800	1,784	120,000	16,988
UNCLASSIFIED . . . . .	-	-	-	-	107,100	2,145	-	-
CRABS, BLUE:								
HARD . . . . .	-	-	14,585,200	\$894,771	-	-	-	-
SOFT AND PEELERS . . . . .	-	-	144,900	30,720	-	-	-	-
SQUID . . . . .	800	\$80	-	-	6,800	544	-	-
TURTLES, SNAPPER . . . . .	-	-	-	-	-	-	-	-
TOTAL . . . . .	2,800	220	14,730,100	925,491	7,080,600	484,710	362,800	36,748
SPECIES	DIP NETS		OTTER TRAWLS		POTS		SCRAPES	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ANGLERFISH . . . . .	-	-	2,000	\$40	-	-	-	-
BLUEFISH . . . . .	-	-	94,000	16,000	-	-	-	-
BUTTERFISH . . . . .	-	-	50,800	4,064	-	-	-	-
CATFISH AND BULLHEADS . . . . .	-	-	-	-	279,700	\$19,489	-	-
COD . . . . .	-	-	57,300	2,865	-	-	-	-
CROAKER . . . . .	-	-	449,900	49,500	-	-	-	-
DRUM, BLACK . . . . .	-	-	1,500	105	-	-	-	-
EELS:								
COMMON . . . . .	-	-	-	-	845,700	108,048	-	-
CONGER . . . . .	-	-	1,800	54	-	-	-	-
FLOUNDERS . . . . .	-	-	396,100	55,500	-	-	-	-
HAKE, WHITE . . . . .	-	-	14,800	444	-	-	-	-
HALIBUT . . . . .	-	-	200	28	-	-	-	-
HERRING, SEA . . . . .	-	-	29,200	584	-	-	-	-
KING WHITING OR KINGFISH . . . . .	-	-	12,500	1,125	-	-	-	-
MACKEREL . . . . .	-	-	11,200	1,008	-	-	-	-
MENHADEN . . . . .	-	-	20,300	122	-	-	-	-
PIGFISH . . . . .	-	-	2,000	80	-	-	-	-
ROSEFISH (OCEAN PERCH) . . . . .	-	-	500	14	-	-	-	-
SAND PERCH . . . . .	-	-	3,900	156	-	-	-	-
SCUP OR PORGY . . . . .	-	-	1,663,900	99,834	-	-	-	-
SEA BASS . . . . .	-	-	285,900	25,731	-	-	-	-
SEA TROUT OR WEAKFISH, GRAY . . . . .	-	-	408,500	36,765	-	-	-	-
SHAD . . . . .	-	-	600	72	-	-	-	-
SHARKS . . . . .	-	-	28,600	1,144	-	-	-	-
SKATES . . . . .	-	-	4,100	41	-	-	-	-
SPOT . . . . .	-	-	1,900	114	-	-	-	-
STRIPED BASS . . . . .	-	-	12,600	1,512	-	-	-	-
STURGEON . . . . .	-	-	3,000	750	-	-	-	-
SWELLFISH . . . . .	-	-	16,400	656	-	-	-	-
TAUOG . . . . .	-	-	2,100	147	-	-	-	-
TUNA AND TUNALIKE FISHES:								
BONITO . . . . .	-	-	500	60	-	-	-	-
LITTLE . . . . .	-	-	1,000	50	-	-	-	-
WHITE PERCH . . . . .	-	-	4,100	123	-	-	-	-
WHITING . . . . .	-	-	7,700	231	-	-	-	-
CRABS, BLUE:								
HARD . . . . .	7,800	\$539	-	-	5,723,800	349,382	91,000	\$6,760
SOFT AND PEELERS . . . . .	134,800	30,070	-	-	63,900	13,180	1,518,800	303,780
LOBSTERS, NORTHERN . . . . .	-	-	1,500	450	-	-	-	-
CONCHS . . . . .	-	-	30,900	3,090	-	-	-	-
SCALLOPS, SEA . . . . .	-	-	100	40	-	-	-	-
SQUID . . . . .	-	-	69,400	5,552	-	-	-	-
TURTLES, SNAPPER . . . . .	-	-	-	-	42,200	4,220	-	-
TOTAL . . . . .	142,600	30,609	3,690,800	308,051	6,955,300	494,319	1,609,800	310,540
SPECIES	DREDGES		TONGS		RAKES		BY HAND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
HOGCHOKER . . . . .	5,000	\$250	-	-	-	-	-	-
CRABS, BLUE, HARD . . . . .	212,700	21,270	-	-	-	-	-	-
CLAMS, HARD:								
PUBLIC . . . . .	1,800	900	43,000	\$21,500	79,000	\$39,500	39,000	\$19,500
PRIVATE . . . . .	1,100	550	22,000	11,000	14,000	7,000	-	-
OYSTERS, MARKET:								
PUBLIC, SPRING . . . . .	1,476,800	532,950	3,492,000	1,222,192	-	-	-	-
PUBLIC, FALL . . . . .	2,025,800	732,740	4,630,600	1,582,650	-	-	-	-
PRIVATE, SPRING . . . . .	360,000	157,580	436,000	170,770	-	-	-	-
PRIVATE, FALL . . . . .	403,700	160,450	460,200	201,060	-	-	-	-
TERRAPIN, DIAMOND-BACK . . . . .	29,300	7,325	-	-	-	-	115,600	28,900
TOTAL . . . . .	4,516,200	1,614,015	9,083,800	3,203,172	93,000	46,500	154,600	48,400

**CHESAPEAKE FISHERIES**  
**VIRGINIA**

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OPERATING UNITS BY GEAR, 1948

ITEM	PURSE SEINES, MENHADEN	HAUL SEINES, COMMON	GILL NETS				LINES				POUND NETS
			ANCHOR	DRIFT	RUNAROUND	STAKE	HAND	TRAWL OR TROT WITH HOOKS	OR WITH HOOKS	TROT WITH BAITS OR SNOODS	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:											
ON VESSELS . . . . .	489	90	-	54	-	-	8	-	-	-	-
ON BOATS AND SHORE:											
REGULAR . . . . .	-	783	116	369	4	310	56	2	455	1,242	
CASUAL . . . . .	-	634	114	706	6	344	89	1	201	703	
TOTAL . . . . .	489	1,507	230	1,129	10	654	153	3	656	1,945	
VESSELS:											
MOTOR . . . . .	15	18	-	18	-	-	2	-	-	-	
NET TONNAGE . . . . .	915	111	-	165	-	-	48	-	-	-	
STEAM . . . . .	3	-	-	-	-	-	-	-	-	-	
NET TONNAGE . . . . .	175	-	-	-	-	-	-	-	-	-	
TOTAL VESSELS . . . . .	18	18	-	18	-	-	2	-	-	-	
TOTAL NET TONNAGE . . . . .	1,090	111	-	165	-	-	48	-	-	-	
BOATS:											
MOTOR . . . . .	-	309	106	457	5	323	58	3	549	536	
OTHER . . . . .	-	455	18	108	-	85	15	-	37	480	
ACCESSORY BOATS . . . . .	54	18	-	-	-	-	-	-	-	-	
APPARATUS:											
NUMBER . . . . .	18	318	124	596	5	517	847	3	586	1,490	
LENGTH, YARDS . . . . .	6,750	208,125	-	-	-	-	-	-	-	-	
SQUARE YARDS . . . . .	-	-	55,740	909,900	1,900	460,920	-	-	-	-	
HOOKS, BAITS, OR SNOODS . . . . .	-	-	-	-	-	-	977	620	375,500	-	
ITEM	STOP NETS	FYKE NETS		DIP NETS, COMMON	OTTER TRAWLS, FISH	SLAT TRAPS	POTS				
		CRAB	FISH				CRAB	EEL	FISH	TURTLE	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	
FISHERMEN:											
ON VESSELS . . . . .	-	-	-	-	217	-	4	-	-	-	
ON BOATS AND SHORE:											
REGULAR . . . . .	6	121	112	211	9	6	737	87	77	24	
CASUAL . . . . .	-	51	92	293	-	-	370	70	25	16	
TOTAL . . . . .	6	172	204	504	226	6	1,111	157	102	40	
VESSELS, MOTOR . . . . .	-	-	-	-	41	-	2	-	-	-	
NET TONNAGE . . . . .	-	-	-	-	1,021	-	10	-	-	-	
BOATS:											
MOTOR . . . . .	2	126	144	-	3	1	931	109	55	13	
OTHER . . . . .	4	23	18	504	-	5	-	17	5	20	
APPARATUS:											
NUMBER . . . . .	3	803	758	504	44	6	46,650	2,647	1,701	497	
SQUARE YARDS . . . . .	1,400	-	-	-	-	-	-	-	-	-	
YARDS AT MOUTH . . . . .	-	-	-	-	937	-	-	-	-	-	
ITEM	SCRAPES	DREDGES		TONGS		RAKES		BY HAND		TOTAL, EXCLUSIVE OF DUPLICATION	
		CRAB	OYSTER, COMMON	OYSTER	OTHER	OYSTER	OTHER	OYSTER	OTHER		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	
FISHERMEN:											
ON VESSELS . . . . .	-	259	273	230	-	-	-	-	-	1,534	
ON BOATS AND SHORE:											
REGULAR . . . . .	152	108	450	2,103	239	32	369	355	243	5,290	
CASUAL . . . . .	28	-	8	437	214	60	204	75	131	4,115	
TOTAL . . . . .	180	367	731	2,770	453	92	573	430	374	10,939	
VESSELS:											
MOTOR . . . . .	-	89	95	95	-	-	-	-	-	339	
NET TONNAGE . . . . .	-	889	953	580	-	-	-	-	-	4,387	
STEAM . . . . .	-	-	-	-	-	-	-	-	-	3	
NET TONNAGE . . . . .	-	-	-	-	-	-	-	-	-	175	
TOTAL VESSELS . . . . .	-	89	95	95	-	-	-	-	-	342	
TOTAL NET TONNAGE . . . . .	-	889	953	580	-	-	-	-	-	4,562	
BOATS:											
MOTOR . . . . .	100	62	226	1,752	222	30	97	70	53	4,223	
OTHER . . . . .	-	-	17	252	133	57	423	325	246	2,823	
ACCESSORY BOATS . . . . .	-	-	-	-	-	-	-	-	-	72	
APPARATUS:											
NUMBER . . . . .	152	288	443	2,770	453	92	573	-	-	-	
YARDS AT MOUTH . . . . .	185	437	500	-	-	-	-	-	-	-	

## CHESAPEAKE FISHERIES

## VIRGINIA: CATCH BY GEAR, 1948

SPECIES	PURSE SEINES		HAUL SEINES		GILL NETS					
					ANCHOR		DRIFT		RUNAROUND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES . . . . .	-	-	1,293,100	\$26,513	-	-	119,800	\$2,432	-	-
BLUEFISH . . . . .	-	-	67,100	7,430	9,900	\$1,000	3,600	480	-	-
BUTTERFISH . . . . .	-	-	26,500	1,379	-	-	1,300	65	-	-
CARP . . . . .	-	-	783,900	40,486	-	-	3,000	120	-	-
CATFISH AND BULLHEADS . . . . .	-	-	157,500	11,039	-	-	-	-	-	-
CROAKER . . . . .	-	-	11,588,800	1,312,078	128,900	15,095	-	-	-	-
DRUM:										
BLACK . . . . .	-	-	3,400	138	-	-	-	-	-	-
RED OR REDFISH . . . . .	-	-	5,700	473	-	-	-	-	-	-
EELS, COMMON . . . . .	-	-	10,300	1,150	-	-	-	-	-	-
FLOUNDERS . . . . .	-	-	237,100	28,524	-	-	-	-	-	-
GIZZARD SHAD . . . . .	-	-	80,300	1,853	-	-	700	14	-	-
HARVESTFISH OR "STARFISH" . . . . .	-	-	2,000	100	-	-	-	-	-	-
HERRING, SEA . . . . .	-	-	-	-	-	-	4,500	93	-	-
HICKORY SHAD . . . . .	-	-	8,500	425	-	-	2,800	140	-	-
KING WHITING OR "KINGFISH" . . . . .	-	-	18,400	1,493	-	-	-	-	-	-
MACKEREL . . . . .	21,700	\$1,953	1,433,000	10,712	-	-	1,817,500	155,387	-	-
MENHADEN . . . . .	140,303,900	1,487,221	17,200	1,203	2,700	189	17,900	1,253	2,300	\$161
MULLET . . . . .	-	-	3,200	145	600	36	-	-	-	-
PIGFISH . . . . .	-	-	2,600	650	-	-	-	-	-	-
POMPANO . . . . .	-	-	2,200	132	-	-	-	-	-	-
SCUP OR PORGY . . . . .	-	-	-	-	-	-	100	6	-	-
SEA BASS . . . . .	-	-	-	-	-	-	-	-	-	-
SEA TROUT OR WEAKFISH:										
GRAY . . . . .	-	-	852,200	54,087	31,600	2,180	100	6	-	-
SPOTTED . . . . .	-	-	49,500	7,337	-	-	-	-	-	-
SHAD . . . . .	-	-	112,200	16,686	-	-	678,200	113,436	-	-
SHARKS . . . . .	200	8	14,200	568	-	-	284,000	11,360	-	-
SPOT . . . . .	-	-	2,317,400	134,756	86,600	5,157	-	-	-	-
STRIPE BASS . . . . .	-	-	1,684,200	215,617	-	-	7,900	1,267	-	-
SWELLFISH . . . . .	-	-	7,400	298	-	-	-	-	-	-
TAUTOG . . . . .	-	-	2,900	203	-	-	-	-	-	-
TUNA AND TUNALIKE FISHES:										
BONITO . . . . .	-	-	500	45	-	-	-	-	-	-
LITTLE . . . . .	-	-	300	15	-	-	-	-	-	-
WHITE PERCH . . . . .	-	-	240,000	11,682	-	-	12,300	954	-	-
YELLOW PERCH . . . . .	-	-	2,700	162	-	-	-	-	-	-
TERRAPIN . . . . .	-	-	-	-	-	-	-	-	-	-
DIAMOND-BACK . . . . .	-	-	2,400	600	-	-	-	-	-	-
TOTAL . . . . .	140,325,800	1,489,182	21,026,700	1,888,039	260,300	23,657	2,953,700	287,013	2,300	161

SPECIES	GILL NETS - CONT'D.		LINES					
	STAKE		HAND		TRAWL OR TROT WITH HOOKS		TROT WITH BAITS OR SNOODS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES . . . . .	77,700	\$1,626	-	-	-	-	-	-
BLUEFISH . . . . .	-	-	3,700	\$453	-	-	-	-
CARP . . . . .	6,300	252	-	-	-	-	-	-
CATFISH AND BULLHEADS . . . . .	4,800	336	-	-	11,700	819	-	-
COD . . . . .	-	-	700	42	-	-	-	-
CROAKER . . . . .	2,400	288	6,600	767	-	-	-	-
FLOUNDERS . . . . .	-	-	1,100	132	-	-	-	-
GIZZARD SHAD . . . . .	1,700	34	-	-	-	-	-	-
HICKORY SHAD . . . . .	2,200	110	-	-	-	-	-	-
KING WHITING OR "KINGFISH" . . . . .	-	-	500	40	-	-	-	-
MENHADEN . . . . .	32,900	246	-	-	-	-	-	-
MULLET . . . . .	9,600	672	-	-	-	-	-	-
PIGFISH . . . . .	-	-	300	21	-	-	-	-
SCUP OR PORGY . . . . .	-	-	1,800	108	-	-	-	-
SEA BASS . . . . .	-	-	73,600	6,977	-	-	-	-
SEA TROUT OR WEAKFISH, GRAY . . . . .	900	61	11,800	831	-	-	-	-
SHAD . . . . .	568,600	93,783	-	-	-	-	-	-
SHARKS . . . . .	-	-	3,300	132	-	-	-	-
SPOT . . . . .	17,700	1,062	10,900	649	-	-	-	-

(CONTINUED ON NEXT PAGE)

CHESAPEAKE FISHERIES

VIRGINIA: CATCH BY GEAR, 1948 - Continued

SPECIES	GILL NETS - CONT'D.		LINES					
	STAKE		HAND		TRAWL OR TROT WITH HOOKS		TROT WITH BAITS OR SNOODS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
STRIPED BASS . . . .	203,800	\$31,910	-	-	-	-	-	-
WHITE PERCH . . . .	26,800	1,343	-	-	-	-	-	-
YELLOW PERCH . . . .	100	8	-	-	-	-	-	-
CRABS, BLUE:								
HARD . . . . .	-	-	-	-	-	-	11,073,500	\$567,381
SOFT AND PEELERS	-	-	30,600	\$3,060	-	-	95,600	17,140
TURTLES, SNAPPER .	-	-	-	-	-	-	-	-
TOTAL . . . . .	955,500	131,731	144,900	13,212	11,700	\$819	11,169,100	584,521
SPECIES	POUND NETS		STOP NETS		FYKE NETS		DIP NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES . . . . .	17,209,500	\$349,145	-	-	612,600	\$12,445	-	-
BLUEFISH . . . . .	169,200	19,517	-	-	-	-	-	-
BUTTERFISH . . . . .	1,102,000	59,001	-	-	-	-	-	-
CARP . . . . .	88,300	3,533	22,600	\$904	127,700	4,596	-	-
CATFISH AND								
BULLHEADS . . . .	169,400	11,868	-	-	366,400	25,648	-	-
CROAKER . . . . .	7,983,100	963,236	-	-	44,500	5,430	-	-
DRUM:								
BLACK . . . . .	57,200	3,072	-	-	2,900	348	-	-
RED OR REDFISH .	18,100	1,562	-	-	-	-	-	-
EELS, COMMON . . . .	89,100	11,228	-	-	19,900	2,326	-	-
FLOUNDERS . . . . .	413,900	51,496	-	-	2,700	336	-	-
GIZZARD SHAD . . . .	22,200	551	-	-	38,400	.810	-	-
HARVESTFISH OR								
"STARFISH" . . . .	576,100	32,962	-	-	-	-	-	-
HERRING, SEA . . . .	66,500	1,330	-	-	-	-	-	-
HICKORY SHAD . . . .	60,100	3,005	-	-	4,200	210	-	-
KING WHITING OR								
"KINGFISH" . . . .	61,300	4,891	-	-	-	-	-	-
MACKEREL . . . . .	52,900	4,761	-	-	-	-	-	-
MENHADEN . . . . .	9,591,800	72,368	-	-	5,400	45	-	-
MULLET . . . . .	5,200	360	-	-	6,100	426	-	-
PIGFISH . . . . .	13,900	635	-	-	-	-	-	-
RUDDERFISH . . . . .	300	6	-	-	-	-	-	-
SAND PERCH . . . . .	200	12	-	-	-	-	-	-
SCUP OR PORGY . . . .	26,830	1,792	-	-	-	-	-	-
SEA BASS . . . . .	22,500	2,295	-	-	-	-	-	-
SEA TROUT OR								
WEAKFISH:								
GRAY . . . . .	9,121,000	580,479	-	-	29,000	1,865	-	-
SPOTTED . . . . .	38,400	5,551	-	-	-	-	-	-
SHAD . . . . .	1,763,100	295,316	-	-	83,700	13,577	-	-
SHARKS . . . . .	15,500	620	-	-	-	-	-	-
SKATES . . . . .	400	72	-	-	-	-	-	-
SPANISH MACKEREL	33,200	5,976	-	-	-	-	-	-
SPOT . . . . .	1,466,600	83,938	-	-	600	36	-	-
STRIPED BASS . . . .	418,500	62,673	-	-	123,400	19,445	-	-
TURGEON . . . . .	14,100	3,005	-	-	400	100	-	-
SUCKERS . . . . .	-	-	-	-	700	56	-	-
SWELLFISH . . . . .	72,400	3,014	-	-	-	-	-	-
TAUTOG . . . . .	9,600	693	-	-	-	-	-	-
TUNA AND TUNALIKE								
FISHES:								
BONITO . . . . .	17,000	1,530	-	-	-	-	-	-
LITTLE . . . . .	15,200	700	-	-	-	-	-	-
WHITE PERCH . . . .	121,900	5,791	-	-	283,500	14,330	-	-
YELLOW PERCH . . . .	8,400	512	-	-	9,700	506	-	-
CRABS, BLUE:								
HARD . . . . .	40,900	2,045	-	-	49,000	2,512	5,700	\$285
SOFT AND PEELERS	-	-	-	-	1,256,900	251,380	144,600	28,920
SQUID . . . . .	7,700	524	-	-	-	-	-	-
TERRAPIN,								
DIAMOND-BACK . . .	-	-	-	-	2,000	500	-	-
TURTLES,								
LOGGERHEAD . . . .	2,800	155	-	-	-	-	-	-
TOTAL . . . . .	50,966,300	2,651,221	22,600	904	3,069,700	357,027	150,300	29,205

(CONTINUED ON NEXT PAGE)

## CHESAPEAKE FISHERIES

## VIRGINIA: CATCH BY GEAR, 1948 - Continuel

SPECIES	OTTER TRAWLS		SLAT TRAPS		POTS		SCRAPES	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES . . . . .	-	-	51,900	\$1,038	-	-	-	-
BLUEFISH . . . . .	18,203	\$2,136	-	-	-	-	-	-
BUTTERFISH . . . . .	203,703	11,501	-	-	-	-	-	-
CATFISH AND BULLHEADS . . . . .	-	-	-	-	727,500	\$50,924	-	-
COD . . . . .	10,400	491	-	-	-	-	-	-
CROAKER . . . . .	3,397,800	331,039	-	-	-	-	-	-
DRUM:								
BLACK . . . . .	24,800	1,348	-	-	-	-	-	-
RED OR REDFISH . . . . .	10,900	820	-	-	-	-	-	-
EELS:								
COMMON . . . . .	-	-	-	-	317,500	37,646	-	-
CONGER . . . . .	23,300	699	-	-	-	-	-	-
FLOUNDERS . . . . .	1,227,300	146,350	-	-	-	-	-	-
HADDOCK . . . . .	100	6	-	-	-	-	-	-
HAKE, WHITE . . . . .	84,600	3,569	-	-	-	-	-	-
HARVESTFISH OR "STARFISH" . . . . .	95,400	5,352	-	-	-	-	-	-
HERRING, SEA . . . . .	138,100	2,762	-	-	-	-	-	-
JEWFISH . . . . .	100	3	-	-	-	-	-	-
KING WHITING OR "KINGFISH" . . . . .	381,500	29,384	-	-	-	-	-	-
MACKEREL . . . . .	387,800	36,544	-	-	-	-	-	-
MULLET . . . . .	-	-	600	42	-	-	-	-
PIGFISH . . . . .	19,200	926	-	-	-	-	-	-
SAND PERCH . . . . .	41,700	1,267	-	-	-	-	-	-
SCUP OR PORGY . . . . .	7,024,200	508,750	-	-	-	-	-	-
SEA BASS . . . . .	7,142,800	647,336	-	-	-	-	-	-
SEA ROBIN . . . . .	29,500	1,014	-	-	-	-	-	-
SEA TROUT OR WEAKFISH:								
GRAY . . . . .	1,807,200	124,323	-	-	-	-	-	-
SPOTTED . . . . .	800	112	-	-	-	-	-	-
SHAD . . . . .	100	18	-	-	-	-	-	-
SHARKS . . . . .	56,100	2,244	-	-	-	-	-	-
SHEEPSHEAD, SALT-WATER . . . . .	1,100	90	-	-	-	-	-	-
SPOT . . . . .	59,400	2,744	-	-	-	-	-	-
STRIPED BASS . . . . .	14,300	2,042	-	-	-	-	-	-
STURGEON . . . . .	23,300	5,700	-	-	-	-	-	-
SWELLFISH . . . . .	8,100	324	-	-	-	-	-	-
TAUPOG . . . . .	5,703	393	-	-	-	-	-	-
TILEFISH . . . . .	11,800	937	-	-	-	-	-	-
TOMCOD . . . . .	2,500	125	-	-	-	-	-	-
TUNA AND TUNALIKE FISHES, BONITO . . . . .	600	54	-	-	-	-	-	-
WHITE PERCH . . . . .	5,000	200	-	-	-	-	-	-
WHITING . . . . .	33,700	1,011	-	-	-	-	-	-
CRABS, BLUE:								
HARD . . . . .	-	-	-	-	26,993,300	1,362,819	12,500	\$625
SOFT AND PEELERS . . . . .	-	-	-	-	328,300	65,660	738,400	147,680
LOBSTERS, NORTHERN . . . . .	900	270	-	-	-	-	-	-
CONCHS . . . . .	22,200	2,220	-	-	-	-	-	-
SQUID . . . . .	60,600	3,132	-	-	-	-	-	-
TERRAPIN, DIAMOND-BACK . . . . .	-	-	-	-	-	-	5,400	1,350
TURTLES, SNAPPER . . . . .	-	-	-	-	62,300	10,369	-	-
TOTAL . . . . .	22,370,800	1,937,237	52,500	1,080	28,428,900	1,527,418	756,300	149,655

SPECIES	DREDGES		TONGS		RAKES		BY HAND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CRABS, BLUE:								
HARD . . . . .	4,518,300	\$456,405	-	-	-	-	-	-
SOFT AND PEELERS . . . . .	-	-	-	-	-	-	206,600	\$41,320
CLAMS, HARD:								
PUBLIC . . . . .	100,000	50,000	341,500	\$170,750	293,203	\$146,600	138,000	69,000
PRIVATE . . . . .	50,000	25,025	213,100	106,550	431,103	215,500	-	-
CONCHS . . . . .	35,400	3,540	-	-	-	-	1,700	170
OYSTERS, MARKET:								
PUBLIC, SPRING . . . . .	210,500	71,850	2,810,100	949,270	-	-	5,000	1,800
PUBLIC, FALL . . . . .	222,603	74,750	3,306,100	1,034,190	-	-	8,000	2,700
PRIVATE, SPRING . . . . .	5,835,003	1,991,010	1,035,400	354,440	95,000	28,800	468,000	145,000
PRIVATE, FALL . . . . .	5,699,300	1,904,160	945,300	311,630	123,000	37,690	353,700	117,650
TERRAPIN, DIAMOND-BACK . . . . .	-	-	-	-	-	-	9,200	2,300
TOTAL . . . . .	16,671,600	4,576,740	8,651,500	2,926,830	942,300	428,590	1,190,200	379,940



## POTOMAC RIVER SHAD AND ALEWIFE FISHERY

The catch of shad in the Potomac River in 1948 amounted to 273,760 fish weighing 721,300 pounds, and valued at \$113,218 to the fishermen. The catch of alewives in the Potomac for the same year was 19,816,700 fish weighing 9,609,200 pounds, valued at \$197,057.

Compared with 1947, the catch of shad showed a decrease of 45 percent in poundage and 49 percent in value. Alewives showed a decrease of 9 percent in poundage and 7 percent in value over the previous year.

A total of 518 fishermen were employed in this fishery, 63 less than during the previous year.

Statistics on the yield and operating units of shad and alewives in the Potomac River are also included in the catch and operating unit data for Maryland and Virginia.

## SUMMARY OF CATCH AND OPERATING UNITS, 1948

ITEM	MARYLAND			VIRGINIA			TOTAL		
	NUMBER			NUMBER			NUMBER		
OPERATING UNITS									
FISHERMEN, ON BOATS AND SHORE:									
REGULAR . . . . .	145			199					344
CASUAL . . . . .	69			105					174
TOTAL . . . . .	214			304					518
BOATS:									
MOTOR . . . . .	85			124					209
OTHER . . . . .	34			94					128
APPARATUS:									
HAUL SEINES . . . . .	17			11					28
LENGTH YARDS . . . . .	7,900			4,400					12,300
GILL NETS:									
DRIFT . . . . .	15			31					46
SQUARE YARDS . . . . .	60,200			76,900					137,100
STAKE . . . . .	43			49					90
SQUARE YARDS . . . . .	110,300			43,050					153,350
POUND NETS . . . . .	57			224					281
FYKE NETS . . . . .	12			58					70
CATCH	NUMBER	POUNDS	VALUE	NUMBER	POUNDS	VALUE	NUMBER	POUNDS	VALUE
SHAD CAUGHT:									
HAUL SEINES . . . . .	4,200	9,900	\$1,164	15,600	35,000	\$4,550	19,800	44,900	\$5,714
DRIFT GILL NETS . . . . .	6,100	15,000	2,330	58,600	151,800	24,456	64,700	165,800	26,785
STAKE GILL NETS . . . . .	24,800	69,900	10,515	27,000	74,200	12,047	51,800	144,100	22,562
POUND NETS . . . . .	5,200	13,500	1,846	131,700	350,500	55,083	136,900	364,000	57,926
FYKE NETS . . . . .	-	-	-	560	1,500	230	560	1,500	230
TOTAL . . . . .	40,300	108,300	15,955	233,460	613,000	97,363	273,760	721,300	113,218
ALEWIVES CAUGHT:									
HAUL SEINES . . . . .	36,900	17,900	406	97,900	42,500	1,025	124,800	60,400	1,431
DRIFT GILL NETS . . . . .	7,400	3,600	105	3,300	4,000	100	15,700	7,600	205
STAKE GILL NETS . . . . .	162,300	78,700	1,920	-	-	-	162,300	78,700	1,920
POUND NETS . . . . .	186,000	90,200	2,000	19,284,600	9,351,300	191,000	19,470,600	9,441,500	193,000
FYKE NETS . . . . .	7,200	3,500	105	36,100	17,500	396	43,300	21,000	501
TOTAL . . . . .	399,800	193,900	4,536	19,416,900	9,415,300	192,521	19,816,700	9,609,200	197,057

## SECTION 5.- SOUTH ATLANTIC FISHERIES

(Area XXIV)<sup>6</sup>

During 1948, due to budgetary limitations, no general canvass was conducted in the South Atlantic States, (North Carolina, South Carolina, Georgia, and the East Coast of Florida.) The catch and operating unit figures used in the following tables for this area are for 1945, with the exception of the East Coast of Florida; which are for 1940.

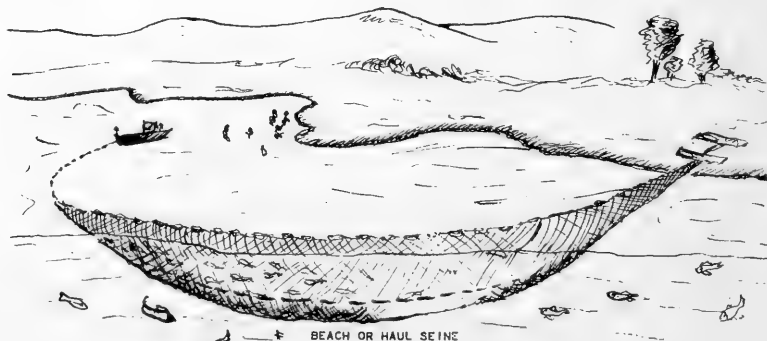
The total quantity of menhaden used for reduction purposes in the South Atlantic area during 1948 was collected in the annual canned and byproducts survey. Since nearly the entire catch of menhaden is used in the manufacture of oil and meal, the poundage used for reduction may be considered the total landings of these fish. During 1948, landings of menhaden in this region totaled 249,399,460 pounds, valued at \$2,498,594. Menhaden products were manufactured in 8 plants in North Carolina, 4 plants in Florida, and 1 plant in South Carolina.

The total production of canned fishery products and byproducts in the South Atlantic States during 1948 was valued at \$6,745,945. North Carolina ranked first with products totaling \$4,328,419 to the processor; the East Coast of Florida was second with \$1,175,890; followed by South Carolina with \$903,550; and Georgia, with \$338,086. A total of 42 plants was engaged in canning and processing fishery products and byproducts in the South Atlantic area during 1948.

The last complete survey of the fishery transporting, wholesaling and manufacturing industries was made in 1940. In that year, 264 men were employed in the operation of 124 vessels and boats engaged in the transporting trade and 6,897 persons were employed in wholesale and manufacturing establishments. The latter employees received a total of \$1,801,129 in salaries and wages in 1940. (Data on the transporting, wholesaling, and manufacturing industries for both coasts of Florida have been included in this section). Detailed statistics on these branches of the industry for 1940 can be found in 'Fishery Statistics of the United States, 1944' (Statistical Digest No. 16).

Detailed statistics covering the fisheries of the South Atlantic States during 1945 can be found in 'Fishery Statistics of the United States, 1945' (Statistical Digest No. 18). Condensed summary data of these figures appear in the following tables.

<sup>6</sup> These numbers were assigned to these areas by the North Atlantic Council on Fishery Investigations. The catch of fishery products in Lake Okeechobee is included in the Florida catch tables.



## SOUTH ATLANTIC FISHERIES

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## SECTIONAL SUMMARIES

## SUMMARY OF CATCH, 1945

PRODUCT	NORTH CAROLINA		SOUTH CAROLINA		GEORGIA	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FISH . . . . .	179,177,300	\$3,732,650	3,029,100	\$300,680	1,176,900	\$129,571
SHELLFISH, ETC. . . . .	18,991,500	1,762,602	7,826,500	598,709	20,220,800	1,219,965
TOTAL . . . . .	198,168,800	5,495,252	10,855,600	899,389	21,397,700	1,349,536

PRODUCT	FLORIDA, EAST COAST 1/		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE
FISH . . . . .	156,193,500	\$5,351,170	339,576,800	\$9,514,071
SHELLFISH, ETC. . . . .	18,330,500	2,037,003	65,369,300	5,618,279
TOTAL . . . . .	174,524,000	7,388,173	404,946,100	15,132,350

1/ INCLUDES DATA ON THE CATCH IN LAKE OKEECHOBEE.

## SUMMARY OF OPERATING UNITS

ITEM	NORTH CAROLINA, 1945	SOUTH CAROLINA, 1945	GEORGIA, 1945	FLORIDA, EAST COAST 1/, 1940	TOTAL, VARIOUS YEARS
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
<b>FISHERMEN:</b>					
ON VESSELS . . . . .	1,372	190	341	552	2,455
ON BOATS AND SHORE:					
REGULAR . . . . .	4,771	746	351	1,646	7,514
CASUAL . . . . .	1,313	553	434	600	2,900
TOTAL . . . . .	7,456	1,489	1,126	2,798	12,869
<b>VESSELS:</b>					
MOTOR . . . . .	286	83	148	97	614
NET TONNAGE . . . . .	3,352	885	1,362	1,361	6,950
SAIL . . . . .	45	-	-	-	45
NET TONNAGE . . . . .	595	-	-	-	595
TOTAL VESSELS . . . . .	331	83	148	97	659
TOTAL NET TONNAGE . . . . .	3,947	885	1,362	1,361	7,555
<b>BOATS:</b>					
MOTOR . . . . .	1,918	138	163	877	3,096
OTHER . . . . .	1,018	561	400	881	2,860
ACCESSORY BOATS . . . . .	206	-	-	30	236
<b>APPARATUS:</b>					
PURSE SEINES, MENHADEN . . . . .	30	-	-	15	45
LENGTH, YARDS . . . . .	7,950	-	-	4,290	12,240
HAUL SEINES:					
COMMON . . . . .	214	24	-	100	338
LENGTH, YARDS . . . . .	31,240	5,725	-	84,890	121,855
LONG . . . . .	163	-	-	13	176
LENGTH, YARDS . . . . .	139,100	-	-	11,600	150,700
GILL NETS:					
ANCHOR . . . . .	620	43	16	9	688
SQUARE YARDS . . . . .	419,350	16,550	1,600	9,000	446,500
DRIFT . . . . .	139	28	37	37	300
SQUARE YARDS . . . . .	88,760	22,400	39,921	72,700	223,781
RUNAROUND . . . . .	323	70	43	431	867
SQUARE YARDS . . . . .	232,760	20,999	33,000	486,620	773,379
STAKE . . . . .	1,936	22	122	5	2,085
SQUARE YARDS . . . . .	165,875	13,600	19,470	5,000	203,945
TRAMMEL NETS . . . . .	-	-	-	8	8
SQUARE YARDS . . . . .	-	-	-	8,000	8,000
<b>LINES:</b>					
HAND . . . . .	200	34	-	501	735
HOOKS . . . . .	200	34	-	551	785
TRAWL OR TROT WITH HOOKS . . . . .	-	-	20	195	215
HOOKS . . . . .	-	-	2,300	70,600	72,900
TROLL . . . . .	11	-	-	424	435
HOOKS . . . . .	11	-	-	424	435
TROT WITH BAITS OR SNOODS . . . . .	914	266	175	113	1,468
BAITS OR SNOODS . . . . .	535,900	133,000	81,300	42,300	792,500
FOUND NETS . . . . .	2,520	-	-	-	2,520
FYKE NETS, FISH . . . . .	308	-	-	45	353
DIP NETS, COMMON . . . . .	237	1	1	28	267
CAST NETS . . . . .	-	4	-	38	42
<b>OTTER TRAWLS:</b>					
FISH . . . . .	9	-	-	-	9
YARDS AT MOUTH . . . . .	196	-	-	-	196
SHRIMP . . . . .	521	194	272	123	1,110
YARDS AT MOUTH . . . . .	9,356	4,550	6,900	2,811	23,617

SEE FOOTNOTE AT END OF TABLE

(CONTINUED ON NEXT PAGE)

## SOUTH ATLANTIC FISHERIES

## SUMMARY OF OPERATING UNITS - Continued

ITEM	NORTH CAROLINA, 1945	SOUTH CAROLINA, 1945	GEORGIA, 1945	FLORIDA, COAST 1, 1940	EAST COAST 1, 1940	TOTAL, VARIOUS YEARS
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
APPARATUS - CONTINUED:						
POTS:						
SPINY LOBSTER . . . . .	-	-	-	5,900	-	5,900
CRAB . . . . .	-	-	1,540	5,790	-	7,330
EEL . . . . .	535	-	-	-	-	535
FISH . . . . .	270	100	210	9,960	-	10,520
SPEARS . . . . .	346	51	-	49	-	370
DREDGES, OYSTER, COMMON . . . . .	346	-	-	3	-	349
YARDS AT MOUTH . . . . .	346	-	-	5	-	351
TONGS, OYSTER . . . . .	69	50	18	22	-	159
RAKES, OTHER THAN FOR OYSTERS . . . . .	262	14	-	4	-	280
GRABS . . . . .	-	160	48	-	-	208
HOOKS, LOBSTER . . . . .	-	-	-	16	-	16

1/ INCLUDES DATA ON THE NUMBER OF FISHERMEN AND FISHING CRAFT, AND THE QUANTITY OF GEAR OPERATED IN LAKE OKEECHOBEE.

## CATCH BY STATES, 1945

SPECIES	NORTH CAROLINA		SOUTH CAROLINA		GEORGIA	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FISH						
ALEWIVES . . . . .	8,022,100	\$176,783	-	-	-	-
AMBERJACK . . . . .	400	20	-	-	-	-
BLUEFISH . . . . .	627,000	75,600	11,000	\$1,650	-	-
BUTTERFISH . . . . .	30,000	1,800	-	-	-	-
CARP . . . . .	882,100	26,463	-	-	-	-
CATFISH AND BULLHEADS . . . . .	1,171,500	75,786	25,000	2,240	93,000	\$7,440
CROAKER . . . . .	4,214,600	337,208	102,000	14,620	10,000	800
DRUM:						
BLACK . . . . .	141,700	4,332	25,500	3,810	10,000	1,000
RED OR REDFISH . . . . .	223,900	13,434	50,000	6,440	10,000	1,000
EELS, COMMON . . . . .	116,000	5,581	-	-	5,000	400
FLOUNDERS . . . . .	1,203,600	141,232	230,000	31,120	307,200	18,432
GIZZARD SHAD . . . . .	8,000	160	-	-	-	-
HAKE, WHITE . . . . .	3,900	390	-	-	-	-
HARVEST FISH OR "STARFISH" . . . . .	811,700	48,902	-	-	-	-
HICKORY SHAD . . . . .	854,400	68,224	11,800	1,770	17,500	1,400
KING WHITING OR "KINGFISH" . . . . .	1,157,500	57,925	157,000	12,560	460,700	27,644
MENHADEN . . . . .	141,533,000	974,631	-	-	-	-
MULLET . . . . .	3,240,900	259,296	899,000	61,510	15,500	1,240
PIGFISH . . . . .	480,700	33,649	-	-	-	-
PINFISH . . . . .	3,100	99	-	-	-	-
POMPANO . . . . .	23,300	5,825	-	-	-	-
SCUP OR PORGY . . . . .	113,200	9,056	-	-	-	-
SEA BASS . . . . .	190,600	28,590	163,000	23,190	-	-
SEA CATFISH . . . . .	-	-	6,500	780	-	-
SHAD . . . . .	912,000	199,613	89,000	31,150	221,500	66,450
SHARKS . . . . .	1,200	72	-	-	-	-
SHEEPSHEAD, SALT-WATER . . . . .	11,200	672	-	-	2,000	240
SHAPPER, RED . . . . .	4,100	410	-	-	-	-
SPANISH MACKEREL . . . . .	506,700	60,804	-	-	-	-
SPOT . . . . .	6,264,700	314,235	1,084,000	72,280	-	-
SEA TROUT OR WEAKFISH:						
GRAY . . . . .	4,736,800	525,422	-	-	-	-
SPOTTED . . . . .	500,100	99,651	148,000	23,320	20,000	2,400
STRIPED BASS . . . . .	608,500	121,156	1,100	220	-	-
STURGEON . . . . .	900	225	36,200	14,020	4,500	1,125
SUCKERS . . . . .	7,000	210	-	-	-	-
SWELLFISH . . . . .	200	6	-	-	-	-
TUNA AND TUNALIKE FISHES, BONITO . . . . .	60,100	4,808	-	-	-	-
WHITE PERCH . . . . .	501,100	60,240	-	-	-	-
YELLOW PERCH . . . . .	9,500	1,140	-	-	-	-
TOTAL . . . . .	179,177,300	3,732,650	3,029,100	300,680	1,176,900	129,571
SHELLFISH, ETC.						
CRABS:						
BLUE:						
HARD . . . . .	5,696,400	284,820	2,364,100	72,125	3,566,100	96,630
SOFT AND PEELERS . . . . .	184,300	55,290	-	-	-	-
SHRIMP . . . . .	10,614,300	849,160	4,695,500	403,562	16,392,100	1,067,684
CLAMS, HARD, PUBLIC . . . . .	502,200	151,447	1,300	375	-	-
MUSSELS, SEA . . . . .	-	-	43,000	5,375	-	-
OYSTERS, MARKET:						
PUBLIC, SPRING . . . . .	1,079,200	256,840	80,200	11,262	-	-
PUBLIC, FALL . . . . .	603,100	138,170	41,800	6,578	-	-
PRIVATE, SPRING . . . . .	14,200	2,980	347,000	61,224	139,000	27,321
PRIVATE, FALL . . . . .	10,600	2,220	253,100	38,083	116,100	22,705
TOTAL OYSTERS . . . . .	1,707,100	400,210	722,100	117,147	255,100	50,026

(CONTINUED ON NEXT PAGE)

## SOUTH ATLANTIC FISHERIES

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## CATCH BY STATES, 1945 - Continued

SPECIES	NORTH CAROLINA		SOUTH CAROLINA		GEORGIA	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
SHELLFISH, ETC. - CONTINUED						
SCALLOPS, BAY . . . . .	22,200	\$7,770	-	-	-	-
SQUID . . . . .	2,300	230	-	-	-	-
TERRAPIN, DIAMOND-BACK . . . . .	2,700	675	500	\$125	7,500	\$5,625
ROCKWEED . . . . .	260,000	13,000	-	-	-	-
TOTAL . . . . .	18,991,500	1,762,602	7,826,500	598,709	20,220,800	1,219,965
GRAND TOTAL . . . . .	198,168,800	5,495,252	10,855,600	899,389	21,397,700	1,349,536

SPECIES	FLORIDA, EAST COAST 1/		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES . . . . .	428,200	\$8,562	8,450,300	\$185,345
AMBERJACK . . . . .	107,500	2,541	107,900	2,561
BARRACUDA . . . . .	40,700	2,342	40,700	2,342
BLUEFISH . . . . .	1,273,600	227,085	1,911,600	304,335
BLUE RUNNER OR HARDTAIL . . . . .	91,300	5,857	91,300	5,857
BUTTERFISH . . . . .	27,200	2,054	57,200	3,854
CABIO OR CRAB EATER . . . . .	32,800	2,090	32,800	2,090
CARP . . . . .	-	-	882,100	26,463
CATFISH AND BULLHEADS . . . . .	9,600,300	1,055,952	10,889,800	1,141,418
CRAPPIE . . . . .	932,900	204,748	932,900	204,748
CREVALLE . . . . .	122,100	6,105	122,100	6,105
CROAKER . . . . .	145,300	13,114	4,471,900	365,742
DOLPHIN . . . . .	79,800	7,980	79,800	7,980
DRUM:				
BLACK . . . . .	501,600	40,318	678,800	49,460
RED OR REDFISH . . . . .	758,800	95,875	1,042,700	116,749
EELS, COMMON . . . . .	59,800	2,392	180,800	8,373
FLOUNDERS . . . . .	345,700	51,855	2,086,500	242,639
GIZZARD SHAD . . . . .	550,000	11,000	558,000	11,160
GROUPERS . . . . .	1,416,800	138,179	1,416,800	138,179
GRUNTS . . . . .	75,600	5,338	75,600	5,338
HAKE, WHITE . . . . .	-	-	3,900	30
HARVEST FISH OR "STARFISH" . . . . .	-	-	811,700	48,902
HICKORY SHAD . . . . .	84,900	3,900	968,600	75,294
HOGFISH . . . . .	15,300	1,224	15,300	1,224
JEWFISH . . . . .	216,300	29,750	216,300	29,750
KING MACKEREL . . . . .	2,781,500	395,800	2,781,500	395,800
KING WHITING OR "KINGFISH" . . . . .	1,511,700	46,439	3,286,900	144,568
MENHADEN . . . . .	114,745,900	739,517	256,278,900	1,714,148
MULLET . . . . .	7,812,300	640,239	11,957,700	962,285
MUTTONFISH . . . . .	207,900	37,028	207,900	37,028
PERMIT . . . . .	600	45	600	45
PIGFISH . . . . .	41,800	3,344	522,500	36,993
PINFISH . . . . .	9,800	490	12,900	589
POMPANO . . . . .	332,700	130,651	356,000	136,476
SCUP OR PORGY . . . . .	-	-	113,200	9,056
SEA BASS . . . . .	100,800	14,652	454,400	66,462
SEA CATFISH . . . . .	4,500	180	11,000	960
SHAD . . . . .	842,400	126,365	2,054,900	422,578
SHARKS . . . . .	2,027,700	32,200	2,028,900	32,272
SHEEPSHEAD:				
FRESH-WATER . . . . .	161,800	13,239	161,800	13,239
SALT-WATER . . . . .	-	-	13,200	912
SNAPPERS:				
MANGROVE . . . . .	112,700	14,406	112,700	14,406
RED . . . . .	246,300	54,440	250,400	54,850
SMOOK OR SERGEANTFISH . . . . .	205,400	26,796	205,400	26,796
SPANISH MACKEREL . . . . .	5,471,800	659,619	5,978,500	720,423
SPOT . . . . .	161,500	12,740	7,510,200	399,255
SEA TROUT OR WEAKFISH:				
GRAY . . . . .	33,400	3,476	4,770,200	528,898
SPOTTED . . . . .	912,300	181,560	1,580,400	306,931
STRIPED BASS . . . . .	-	-	609,600	121,376
STURGEON . . . . .	200	50	41,800	15,420
SUCKERS . . . . .	-	-	7,000	210
SUNFISH . . . . .	1,255,100	238,416	1,255,100	238,416
SWELLFISH . . . . .	-	-	200	6
TRIPLETAIL . . . . .	41,100	3,007	41,100	3,007
TUNA AND TUNALIKE FISHES:				
BONITO . . . . .	-	-	60,100	4,808
WHITE PERCH . . . . .	-	-	501,100	60,240
YELLOW PERCH . . . . .	-	-	9,500	1,140
YELLOWTAIL . . . . .	265,800	58,180	265,800	58,180
TOTAL . . . . .	156,193,500	5,351,170	339,576,800	9,514,071

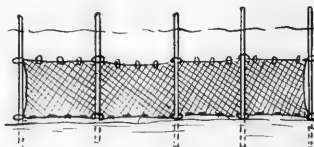
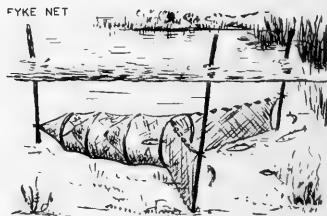
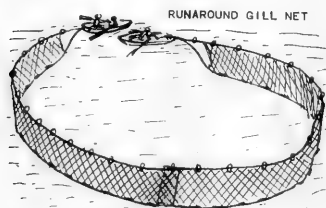
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## CATCH BY STATES, 1945 - Continued

SPECIES	FLORIDA, EAST COAST <sup>1/</sup>		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE
SHELLFISH, ETC.				
CRABS:				
BLUE:				
HARD . . . . .	5,391,200	\$134,910	17,017,800	\$588,485
SOFT AND PEELERS . . . . .	2,000	480	185,300	55,770
STONE . . . . .	80,500	20,935	80,500	20,935
LOBSTERS, SPINY . . . . .	572,100	116,427	572,100	116,427
SHRIMP . . . . .	11,879,200	1,663,088	43,581,100	3,983,494
CLAMS, HARD, PUBLIC . . . . .	3,000	1,500	506,500	153,322
CONCHS . . . . .	3,900	390	3,900	390
MUSSELS, SEA . . . . .	-	-	43,000	5,375
OYSTERS, MARKET:				
PUBLIC, SPRING . . . . .	9,000	5,040	1,168,400	273,142
PUBLIC, FALL . . . . .	9,000	5,040	653,900	149,788
PRIVATE, SPRING . . . . .	68,000	38,080	568,200	129,605
PRIVATE, FALL . . . . .	51,500	28,840	431,300	91,848
TOTAL OYSTERS . . . . .	137,500	77,000	2,821,800	644,393
SCALLOPS, BAY . . . . .	-	-	22,200	7,770
SQUID . . . . .	-	-	2,300	230
TERRAPIN, DIAMOND-BACK . . . . .	5,400	1,350	16,100	7,775
TURTLES:				
GREEN . . . . .	1,100	110	1,100	110
LOGGERHEAD . . . . .	15,000	1,645	15,000	1,645
SNAPPER . . . . .	44,600	3,568	44,600	3,568
SOFT-SHELL . . . . .	195,000	15,600	195,000	15,600
ROCKWEED . . . . .	-	-	260,000	13,000
TOTAL . . . . .	18,330,500	2,037,003	65,369,300	5,618,279
GRAND TOTAL . . . . .	174,524,000	7,388,173	404,946,100	15,132,350

<sup>1/</sup> INCLUDES DATA ON THE CATCH IN LAKE OKEECHOBEE.



STAKE GILL NET

MANUFACTURED FISHERY PRODUCTS, VARIOUS YEARS <sup>1/</sup>

ITEM		NORTH AND SOUTH CAROLINA		GEORGIA AND FLORIDA	
YEAR	UNIT	QUANTITY	VALUE	QUANTITY	VALUE
<b>BY MANUFACTURING ESTABLISHMENTS:</b>					
ALEWIVES:					
ROE, CANNED . . . . .	1948	STANDARD CASES	1,960	\$35,467	-
CORNED, SALTED . . . . .	1940	POUNDS	3,220,150	69,291	-
BLUE RUNNER, SALTED . . . . .	1940	DO	-	-	250,000
GROUPEL STEAKS AND FILLETS:					
FRESH . . . . .	1948	DO	-	-	2/ 266,296
FROZEN . . . . .	1948	DO	-	-	187,000
KING MACKEREL, SMOKED . . . . .	1940	DO	-	-	3,500
MENHADEN:					
ROE, SALTED . . . . .	1940	DO	1,000	250	-
MEAL, DRY AND ACID SCRAP . . . . .	1948	TONS	21,437	2,611,834	8,410
OIL . . . . .	1948	GALLONS	1,308,732	1,361,409	274,859
MULLET, SALTED . . . . .	1940	POUNDS	277,800	23,100	976,500
MULLET ROE, SALTED . . . . .	1940	DO	-	-	60,000
SPANISH MACKEREL FILLETS,					
FRESH AND FROZEN . . . . .	1948	DO	(3)	(3)	117,700
SPOT, SALTED . . . . .	1940	DO	159,400	9,580	-
CLAMS, HARD, FRESH-SHUCKED . . . . .	1940	DO	2,100	3,040	100
CRAB MEAT, BLUE, FRESH-COOKED . . . . .	1940	POUNDS	604,336	228,954	883,106
LOBSTER, SPINY, FRESH-COOKED . . . . .	1940	DO	-	-	49,000
OYSTERS:					
CANNED . . . . .	1948	STANDARD CASES	59,948	670,595	-
FRESH-SHUCKED . . . . .	1940	GALLONS	102,234	99,841	92,996
SCALLOPS, BAY, FRESH-SHUCKED . . . . .	1940	DO	2,868	5,449	12,960
SHRIMP, FROZEN, PACKAGED . . . . .	1940	POUNDS	-	-	155,300
WHALE:					
MEAL . . . . .	1948	TONS	-	-	10
OIL . . . . .	1948	GALLONS	-	-	2,650
MISCELLANEOUS FRESH AND					
FROZEN FILLETS, ETC. <sup>4/</sup> . . . . .	1948	POUNDS	54,519	22,592	-
MISCELLANEOUS CANNED <sup>5/</sup> . . . . .	1948	STANDARD CASES	19,076	429,366	21,659
MISCELLANEOUS BYPRODUCTS <sup>6/</sup> . . . . .	1948	-	-	-	541,200
TOTAL . . . . .	-	-	-	5,693,824	3,007,129
<b>BY FISHERMEN:</b>					
ALEWIVES, CORNED, SALTED . . . . .					
AMBERJACK, SMOKED . . . . .	1940	POUNDS	436,300	8,764	-
BLUEFISH, SMOKED . . . . .	1940	DO	-	-	500
BLUE MARLIN, SMOKED . . . . .	1940	DO	-	-	300
KING MACKEREL, SMOKED . . . . .	1940	DO	-	-	300
MULLET:					5,500
SALTED . . . . .	1940	DO	315,000	27,025	180,200
ROE, SALTED . . . . .	1940	DO	700	175	20,600
SMOKED . . . . .	1940	DO	-	-	33,100
SAILFISH, SMOKED . . . . .	1940	DO	-	-	10,200
SHARK LIVER OIL . . . . .	1940	DO	-	-	50
SEA CATFISH, FRESH, PAN-					
DRESSED . . . . .	1940	DO	-	-	20,000
SPOT, SALTED . . . . .	1940	DO	226,000	14,310	-
WAHOO, SMOKED . . . . .	1940	DO	-	-	300
CLAMS, HARD, FRESH-SHUCKED . . . . .	1940	GALLONS	2,740	3,826	525
CRAB MEAT, PACKAGED, FRESH					525
COOKED . . . . .	1940	POUNDS	-	-	3,900
OYSTERS, FRESH-SHUCKED . . . . .	1940	GALLONS	3,591	4,024	14,950
SCALLOPS, BAY, FRESH-SHUCKED . . . . .	1940	DO	-	-	3,805
SHRIMP, SMOKED . . . . .	1940	POUNDS	-	-	500
TOTAL . . . . .	-	-	-	58,124	47,496
GRAND TOTAL . . . . .	-	-	-	5,751,948	3,054,625

1/ DATA ON THE PRODUCTION OF THE VARIOUS PRODUCTS ARE FOR THE YEARS INDICATED.

2/ INCLUDES A SMALL PRODUCTION OF RED SNAPPER STEAKS.

3/ INCLUDED WITH MISCELLANEOUS PRODUCTS.

4/ MISCELLANEOUS FRESH AND FROZEN FILLETS, ETC., INCLUDES IN NORTH CAROLINA, CROAKER, FLOUNDER, RED DRUM, SEA BASS, SEA TROUT, SPANISH MACKEREL AND STRIPED BASS FILLETS AND STEAKS.

5/ MISCELLANEOUS CANNED INCLUDES IN NORTH CAROLINA, MENHADEN ROE, SHAD, CRAB MEAT AND DEVILED CRAB MEAT; IN SOUTH CAROLINA, CRAB MEAT, DEVILED CRAB MEAT, AND SHRIMP COCKTAILS; IN GEORGIA, CRAB MEAT, SHRIMP, TERRAPIN SOUP AND MEAT; IN FLORIDA, SHAD, SHAD ROE, GREEN TURTLE SOUP AND MEAT.

6/ MISCELLANEOUS BYPRODUCTS INCLUDE IN NORTH CAROLINA, MEAL FROM ALEWIFE, CRAB, SHRIMP, AND MISCELLANEOUS SPECIES; ALEWIFE OIL, AGAR-AGAR, AND CRAB SHELLS FOR TABLE USE; IN SOUTH CAROLINA, CRAB SCRAP AND MEAL, AND CRAB SHELLS FOR TABLE USE; IN GEORGIA, CRAB MEAT; IN FLORIDA, SHARK MEAL AND LIVER OIL AND OYSTER SHELL GRIT AND LIME.

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

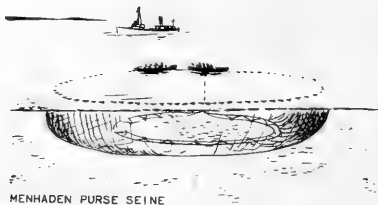
## SOUTH ATLANTIC FISHERIES

## SUMMARY OF MANUFACTURED FISHERY PRODUCTS, VARIOUS YEARS

SUMMARY OF STATES:		MANUFACTURED FISHERY PRODUCTS	FISHERMEN'S PREPARED PRODUCTS	TOTAL
STATE		VALUE	VALUE	VALUE
NORTH CAROLINA . . . . .		\$4,723,534	\$48,775	\$4,772,309
SOUTH CAROLINA . . . . .		970,290	9,349	979,639
GEORGIA . . . . .		418,228	7,242	425,470
FLORIDA . . . . .		2,588,901	40,254	2,629,155
TOTAL . . . . .		8,700,953	105,620	8,806,573

SUMMARY OF ITEMS:				
ITEM	YEAR	UNIT	QUANTITY	VALUE
FRESH AND FROZEN PACKAGED FISH.	1948	POUNDS	559,207	\$223,605
FRESH AND FROZEN PACKAGED FISH.	1940	DO	20,000	1,400
CANNED FISH AND SHELLFISH . . .	1948	STANDARD CASES	102,562	1,491,963
BYPRODUCTS. . . . .	1948	-	-	5,930,684
BYPRODUCTS. . . . .	1940	-	-	20
PACKAGED SHELLFISH. . . . .	1940	POUNDS	3,770,583	900,818
SALTED, DRIED AND PICKLED . . . .	1940	DO	6,123,650	246,760
SMOKED OR KIPPERED. . . . .	1940	DO	53,700	11,323
TOTAL . . . . .	-	-	-	8,806,573



MENHADEN PURSE SEINE



MENHADEN REDUCTION PLANT



## SECTION 6.- GULF FISHERIES

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(Area XXV)<sup>7</sup>

After a lapse of three years, sufficient funds were made available to the Branch of Commercial Fisheries so that the collection of data on the fisheries of the Gulf States could be resumed. Data for 1948 were collected for the States of Alabama, Mississippi, Louisiana and Texas. Although the West Coast of Florida is included in this section, funds were not available to make a general canvass of Florida for 1948. The catch figures used in the following tables for the West Coast of Florida are for the year 1945, and the operating units are for the year 1940.

In 1948, the catch in the four states of Alabama, Mississippi, Louisiana and Texas amounted to 357,693,400 pounds, valued at \$35,272,873 to the fishermen. This was an increase of 32 percent in volume and 27 percent in value compared with 1945. The increase in landings was due to the expanding menhaden industry. The production of this species increased from 57 million pounds in 1945 to nearly 185 million pounds in 1948. One new menhaden plant was put into operation in the Western Gulf during 1948, making a total of 6 plants producing oil and meal in this area.

Production of food fish in the Gulf remained about normal with groupers, mullet, red snapper, and Spanish mackerel comprising 71 percent of the total 1948 catch of these species.

The 1948 crab production was hampered by abnormally low prices and declined over 11 million pounds compared with 1945. Picking plants found it unprofitable to operate and closed for long periods during the height of the season. Some crab meat canning was carried out, but the general trend was toward the production of frozen crab meat.

Oyster production was erratic resulting in good prices. New methods of harvesting oysters through the use of mechanical dredges were demonstrated in the Gulf waters late in the year.

The 1948 shrimp production in the four states was nearly 26 million pounds less than in 1945. Many drying plants closed before the end of the season because of large inventories. Cannerys anticipated an active season, but were forced to curtail operations because of heavy stocks and a weak demand for canned shrimp. Unusually large runs of grooved shrimp, (*Penaeus duorarum* and *Penaeus aztecus*) made their appearance in the Gulf waters during 1948, and an attempt was made to familiarize the public with this species.

Immediately following the war, many of the Gulf boat building firms began to build larger vessels of approximately 60 feet, however, 1948 found the trend once again turning to the smaller 40 foot boats.

The production of canned fish and fishery byproducts in the Gulf States, including the West Coast of Florida, during 1948 was valued at \$17,320,901. Canned shrimp was the most valuable item produced. A total of 61 plants was engaged in canning fishery products during 1948, and 44 plants were used for processing fishery byproducts in this area.

The last complete survey of the fishery transporting, wholesaling, and manufacturing industries in Alabama, Mississippi, Louisiana and Texas was made in 1940. In that year 413 men were employed in the operation of 209 vessels engaged in the transporting trade and 12,029 persons were employed in wholesale and manufacturing establishments. The latter employees received a total of \$2,013,213 in salaries and wages in 1940. (Data on the transporting, wholesaling and manufacturing industries for the west coast of Florida, which are also for 1940, have been included in Section 5, under the heading 'South Atlantic Fisheries'). Detailed statistics on these branches of the industry for 1940 can be found in 'Fishery Statistics of the United States, 1944' (Statistical Digest No. 16).

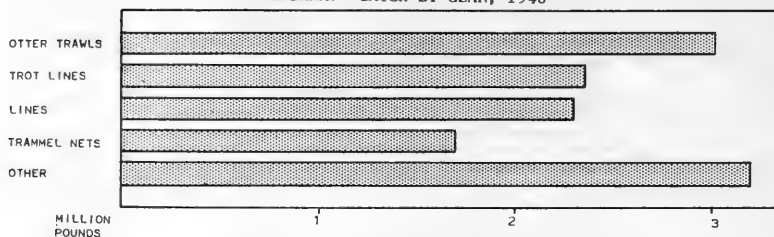
The following tables contain summarized and detailed information on the 1948 catch and operating units in Alabama, Mississippi, Louisiana and Texas for 1948. Condensed summary data of the operating units and catch for these states appearing on the following pages, have been previously published in Current Fishery Statistics No. 563.

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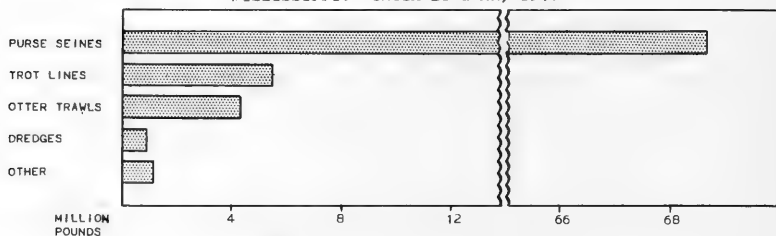
<sup>7</sup> These numbers were assigned to these areas by the North Atlantic Council on Fishery Investigations. The catch of the Mississippi River and tributaries does not appear in this section.

## GULF FISHERIES

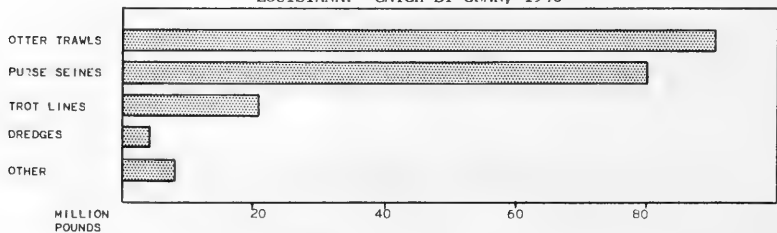
ALABAMA: CATCH BY GEAR, 1948



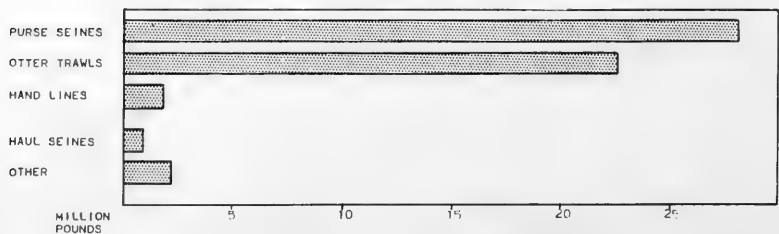
MISSISSIPPI: CATCH BY GEAR, 1948



LOUISIANA: CATCH BY GEAR, 1948



TEXAS: CATCH BY GEAR, 1948



GULF FISHERIES

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SECTIONAL SUMMARIES

SUMMARY OF CATCH

PRODUCT	FLORIDA, WEST COAST, 1945		ALABAMA, 1948		MISSISSIPPI, 1948	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FISH . . . . .	63,550,700	\$7,157,460	5,713,400	\$837,424	69,434,500	\$1,036,228
SHELLFISH, ETC. . . . .	5,771,100	4,290,537	6,842,700	1,319,847	11,015,500	1,552,408
TOTAL . . . . .	69,321,800	11,447,997	12,556,100	2,157,271	80,449,500	2,588,636

PRODUCT	LOUISIANA, 1948		TEXAS, 1948		TOTAL, VARIOUS YEARS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FISH . . . . .	89,809,800	\$1,604,452	32,058,100	\$989,307	260,566,500	\$11,624,871
SHELLFISH, ETC. . . . .	119,298,100	22,777,516	23,521,800	5,155,691	156,448,700	35,095,999
TOTAL . . . . .	209,107,900	24,381,968	55,579,900	6,144,998	427,015,200	46,720,870

SUMMARY OF OPERATING UNITS

ITEM	FLORIDA, WEST COAST, 1945	ALABAMA, 1948	MISSISSIPPI, 1948	LOUISIANA, 1948	TEXAS, 1948	TOTAL, VARIOUS YEARS
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
<b>FISHERMEN:</b>						
ON VESSELS . . . . .	614	229	1,300	2,341	1,262	5,746
ON BOATS AND SHORE:						
REGULAR . . . . .	3,785	1,011	1,311	4,891	2,008	13,006
CASUAL . . . . .	1,705	244	42	255	127	2,373
TOTAL . . . . .	6,104	1,484	2,653	7,487	3,397	21,125
<b>VESSELS:</b>						
MOTOR . . . . .	102	53	317	838	477	1,837
NET TONNAGE . . . . .	2,144	625	5,449	12,289	8,368	28,875
SAIL . . . . .	4	-	-	-	-	4
NET TONNAGE . . . . .	49	-	-	-	-	49
TOTAL VESSELS . . . . .	106	53	317	888	477	1,841
TOTAL NET TONNAGE . . . . .	2,193	625	5,449	12,289	8,368	28,924
<b>BOATS:</b>						
MOTOR . . . . .	1,720	571	656	2,478	1,131	6,556
OTHER . . . . .	2,086	280	118	1,102	124	3,710
ACCESSORY BOATS . . . . .	-	12	63	61	15	151
<b>APPARATUS:</b>						
PURSE SEINES, MENHADEN . . . . .	-	-	21	8	5	34
LENGTH, YARDS . . . . .	-	-	8,250	3,100	2,000	13,350
HAUL SEINES, COMMON . . . . .	110	18	1	41	28	198
LENGTH, YARDS . . . . .	58,950	6,700	200	7,360	12,406	85,616
<b>GILL NETS:</b>						
ANCHOR . . . . .	4	-	-	-	-	4
SQUARE YARDS . . . . .	4,900	-	-	-	-	4,900
DRIFT . . . . .	12	-	-	-	-	12
SQUARE YARDS . . . . .	4,800	-	-	-	-	4,800
RUNAROUND . . . . .	1,865	27	-	-	-	1,892
SQUARE YARDS . . . . .	1,383,200	12,000	-	-	-	1,395,200
STAKE . . . . .	-	-	-	-	17	17
SQUARE YARDS . . . . .	-	-	-	-	4,450	4,450
<b>TRAWL NETS:</b>						
COMMON . . . . .	449	165	55	122	56	847
SQUARE YARDS . . . . .	380,350	74,900	14,280	36,117	30,993	536,640
<b>LINES:</b>						
HAND . . . . .	2,866	218	104	108	493	3,789
HOOKS . . . . .	4,796	354	125	120	712	6,107
TRAWL OR TROT WITH HOOKS . . . . .	35	28	-	-	340	403
HOOKS . . . . .	14,200	10,270	-	-	32,988	57,458
TROLL . . . . .	1,066	-	-	-	18	1,084
HOOKS . . . . .	1,131	-	-	-	18	1,149
<b>TROT WITH BAITS OR SNOODS:</b>						
BAITS OR SNOODS . . . . .	86	186	267	1,079	50	1,668
FYKE NETS, FISH . . . . .	48,700	77,650	153,800	375,110	10,900	666,160
DIP NETS:						
COMMON . . . . .	101	-	-	315	-	416
DROP . . . . .	-	-	-	5,060	-	5,060
CAST NETS . . . . .	83	-	53	-	-	136

(CONTINUED ON NEXT PAGE)

## SUMMARY OF OPERATING UNITS - Continued

ITEM	FLORIDA, WEST COAST, 1945	ALABAMA, 1948	MISSISSIPPI, 1948	LOUISIANA, 1948	TEXAS, 1948	TOTAL, VARIOUS YEARS
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
APPARATUS - CONTINUED:						
OTTER TRAWLS, SHRIMP . . . . .	104	381	905	2,813	1,273	5,476
YARDS AT MOUTH . . . . .	1,211	5,584	17,457	56,357	26,275	106,884
TRAPS, BRUSH . . . . .	-	-	-	93,500	-	93,500
POTS:						
LOBSTER, SPINY . . . . .	3,000	-	-	-	-	3,000
CRAB . . . . .	1,773	-	-	140	1,375	3,288
EEL . . . . .	20	-	-	-	-	20
FISH . . . . .	150	222	-	-	-	372
SPEARS . . . . .	96	47	-	-	65	208
DREDGES:						
CLAM . . . . .	6	-	-	-	-	6
YARDS AT MOUTH . . . . .	4	-	-	-	-	4
OYSTER, COMMON . . . . .	-	-	220	130	41	391
YARDS AT MOUTH . . . . .	-	-	231	143	50	424
SCALLOP . . . . .	72	-	-	-	-	72
YARDS AT MOUTH . . . . .	-	-	-	-	-	70
TONGS, OYSTER . . . . .	300	547	345	836	175	2,203
RAKES, OTHER THAN FOR OYSTERS . . . . .	27	-	-	-	-	27
COQUINA SCOOPS . . . . .	4	-	-	-	-	4
HOOKS:						
SPONGE . . . . .	177	-	-	-	-	177
LOBSTER . . . . .	10	-	-	-	-	10
DIVING OUTFITS . . . . .	67	-	-	-	-	67

## CATCH BY STATES

SPECIES	FLORIDA, WEST COAST, 1945		ALABAMA, 1948		MISSISSIPPI, 1948	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
AMBERJACK . . . . .	268,000	\$16,080	-	-	-	-
BARRACUDA . . . . .	5,100	306	-	-	-	-
BLUEFISH . . . . .	557,500	79,146	5,600	\$840	200	\$34
BLUE RUNNER OR HARDTAIL . . . . .	1,890,400	113,424	64,200	2,600	600	30
BUFFALOFISH . . . . .	-	-	61,700	4,261	-	-
CABIO OR CRAB EATER . . . . .	85,800	10,206	1,700	255	400	75
CATFISH AND BULLHEADS . . . . .	400	80	92,400	23,476	-	-
CIGARFISH . . . . .	54,900	3,204	-	-	-	-
CREVALLE . . . . .	413,700	33,080	5,400	295	300	30
CROAKER . . . . .	152,900	9,174	48,100	3,374	4,600	458
DOLPHIN . . . . .	3,000	360	-	-	-	-
DRUM:						
BLACK . . . . .	484,800	24,240	87,700	7,007	19,800	2,280
RED OR REDFISH . . . . .	1,293,900	153,777	157,200	34,585	53,600	13,120
FLOUNDERS . . . . .	405,300	48,636	149,800	29,149	45,400	8,815
GROUPEES . . . . .	7,176,600	860,768	257,000	27,322	35,000	4,200
GRUNTS . . . . .	112,000	6,705	-	-	-	-
HARVEST FISH OR "STARFISH" . . . . .	17,400	1,044	-	-	-	-
HICKORY SHAD . . . . .	1,000	40	-	-	-	-
JEWFISH . . . . .	206,500	10,585	5,100	502	-	-
KING MACKEREL . . . . .	1,115,800	179,298	2,900	319	-	-
KING WHITING OR "KINGFISH" . . . . .	249,300	14,958	108,000	7,437	-	-
MEHADEN . . . . .	7,165,700	31,324	-	-	81,300	9,628
MOJARRA . . . . .	182,600	11,210	-	-	68,636,100	907,438
MULLET . . . . .	26,715,600	3,202,735	1,353,200	97,311	212,600	25,256
MUTTONFISH . . . . .	5,100	1,020	-	-	-	-
PADDLEFISH OR SPOONBILL CAT . . . . .	-	-	5,500	825	-	-
PIGFISH . . . . .	114,900	6,894	-	-	-	-
PINFISH . . . . .	129,900	7,794	-	-	-	-
POMPANO . . . . .	433,700	203,443	2,200	1,125	-	-
SEA CATFISH . . . . .	464,200	27,852	66,500	5,085	30,500	2,440
SHARKS . . . . .	700	14	-	-	-	-
SHEEPSHEAD:						
FRESH-WATER . . . . .	-	-	3,100	130	-	-
SALT-WATER . . . . .	570,300	34,237	81,500	8,214	11,400	1,446
SNAPPERS:						
MANGROVE . . . . .	101,600	12,182	-	-	-	-
RED . . . . .	2,845,800	559,404	1,851,800	442,391	143,400	31,548
SNOOK OR SERGEANTFISH . . . . .	306,800	36,816	-	-	-	-
SPANISH MACKEREL . . . . .	5,166,500	704,228	887,500	71,305	200	35
SPOT . . . . .	288,700	17,322	1,500	115	400	40

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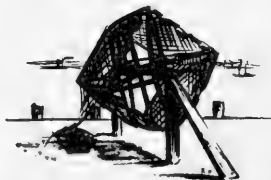
## CATCH BY STATES - Continued

SPECIES	FLORIDA, WEST COAST, 1945		ALABAMA, 1948		MISSISSIPPI, 1948	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FISH - CONTINUED						
SEA TROUT OR WEAKFISH:						
SPOTTED . . . . .	3,464,100	\$658,190	235,200	\$51,821	61,700	\$15,425
WHITE . . . . .	394,700	23,196	160,600	15,830	96,100	13,805
STURGEON . . . . .	7,200	1,600	2,900	580	-	-
TENPOUNDER . . . . .	612,600	33,756	10,200	535	100	5
TRIPLETAIL . . . . .	21,500	2,580	4,900	735	800	120
YELLOWTAIL . . . . .	64,200	16,372	-	-	-	-
TOTAL . . . . .	63,550,700	7,157,460	5,713,400	837,424	69,434,500	1,036,228
SHELLFISH, ETC.						
CRABS, BLUE:						
HARD . . . . .	1,092,400	54,620	2,372,600	118,630	5,502,600	275,130
STONE . . . . .	52,900	24,500	-	-	-	-
LOBSTERS, SPINY . . . . .	205,000	41,000	-	-	-	-
SHRIMP . . . . .	1,782,700	213,924	2,938,900	613,149	4,203,800	851,798
CLAMS:						
COQUINA . . . . .	54,000	13,500	-	-	-	-
HARD, PUBLIC . . . . .	687,700	171,925	-	-	-	-
CONCHS . . . . .	14,300	3,575	-	-	-	-
OYSTERS, MARKET:						
PUBLIC, SPRING . . . . .	477,300	224,331	1,167,500	442,369	1,194,900	375,543
PUBLIC, FALL . . . . .	1,018,500	478,695	347,500	139,013	113,700	49,937
PRIVATE, SPRING . . . . .	-	-	10,300	4,326	-	-
PRIVATE, FALL . . . . .	-	-	5,900	2,360	-	-
TOTAL OYSTERS . . . . .	1,495,800	703,026	1,531,200	588,068	1,308,600	425,480
SCALLOPS, BAY . . . . .	108,000	59,400	-	-	-	-
TURTLES, GREEN . . . . .	11,700	1,170	-	-	-	-
SPONGES:						
GRASS . . . . .	62,500	260,290	-	-	-	-
SHEEPSWOL . . . . .	178,900	2,633,674	-	-	-	-
WIRE . . . . .	13,100	18,733	-	-	-	-
YELLOW . . . . .	12,100	91,200	-	-	-	-
TOTAL . . . . .	5,771,100	4,290,537	6,842,700	1,319,847	11,015,000	1,552,408
GRAND TOTAL . . . . .	69,321,800	11,447,997	12,556,100	2,157,271	80,449,500	2,589,636
SPECIES	LOUISIANA, 1948		TEXAS, 1948		TOTAL, VARIOUS YEARS	
FISH	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
AMBERJACK . . . . .	-	-	300	\$45	268,300	\$16,125
BARRACUDA . . . . .	-	-	-	-	5,100	306
BLUEFISH . . . . .	900	\$175	-	-	554,200	86,195
BLUE RUNNER OR HARDTAIL . . . . .	5,000	400	-	-	1,960,200	116,454
BUFFALOFISH . . . . .	-	-	14,000	1,680	75,700	5,941
CABIO OR CRAB EATER . . . . .	500	75	1,700	340	90,100	11,041
CARP . . . . .	-	-	800	80	800	80
CATFISH AND BULLHEADS . . . . .	-	-	35,200	9,504	128,000	33,060
CIGARFISH . . . . .	-	-	-	-	54,900	3,294
CREVALLE . . . . .	100	10	-	-	419,500	33,415
CROAKER . . . . .	43,600	4,287	500	35	249,700	17,328
DOLPHIN . . . . .	-	-	-	-	3,000	360
DRUM:						
BLACK . . . . .	163,900	16,467	556,400	56,640	1,322,600	106,634
RED OR REDFISH . . . . .	254,300	62,395	620,600	124,120	2,379,800	387,997
FLOUNDERS . . . . .	100,800	19,468	177,000	42,489	878,300	148,557
GARFISH . . . . .	11,100	555	-	-	11,100	555
GROUPERS . . . . .	4,300	645	101,400	*2,168	7,574,300	905,103
GRUNTS . . . . .	-	-	-	-	112,000	6,705
HARVEST FISH OR "STARFISH" . . . . .	-	-	-	-	17,400	1,044
HICKORY SHAD . . . . .	-	-	-	-	1,000	40
JEWFISH . . . . .	-	-	7,600	760	219,200	11,847
KING MACKEREL . . . . .	-	-	-	-	1,118,700	179,617
KING WHITING OR "KINGFISH" . . . . .	197,000	22,228	107,200	7,504	742,800	61,755
MENHADEN . . . . .	88,110,400	1,308,016	28,184,900	263,120	192,097,100	2,509,898
MOJARRA . . . . .	-	-	-	-	182,600	11,210
MULLET . . . . .	9,900	552	190,500	4,764	28,481,800	3,330,618
MUTTONFISH . . . . .	-	-	-	-	5,100	1,020
PADDLEFISH OR SPOONBILL CAT . . . . .	-	-	-	-	5,800	825
PIG FISH . . . . .	-	-	-	-	114,900	6,894
PINFISH . . . . .	-	-	-	-	129,900	7,794
POMPANO . . . . .	200	140	300	150	436,400	204,858

(CONTINUED ON NEXT PAGE)

## CATCH BY STATES - Continued

SPECIES	LOUISIANA, 1948		TEXAS, 1948		TOTAL, VARIOUS YEARS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FISH - CONTINUED						
SEA CATFISH . . . . .	206,300	\$20,679	110,200	\$11,020	877,700	\$67,076
SHARKS . . . . .	500	40	-	-	1,200	54
SHEEPSHEAD:						
FRESH-WATER . . . . .	-	-	-	-	3,100	130
SALT-WATER . . . . .	111,500	13,411	15,300	1,530	790,000	59,838
SNAPPERS:						
MANGROVE . . . . .	-	-	-	-	101,600	12,182
RED . . . . .	51,600	14,448	1,323,600	304,428	6,216,200	1,352,219
SNOOK OR SERGEANTFISH . . . . .	-	-	-	-	300,800	36,816
SPANISH MACKEREL . . . . .	1,800	324	7,800	1,560	6,063,800	777,452
SPOT . . . . .	25,400	2,540	-	-	316,000	20,017
SEA TROUT OR WEAKFISH:						
SPOTTED . . . . .	338,000	95,968	588,200	147,048	4,687,200	969,452
WHITE . . . . .	165,400	19,688	4,600	322	821,400	72,841
STURGEON . . . . .	-	-	-	-	10,100	2,180
TENPOUNDER . . . . .	2,200	176	-	-	625,100	34,472
TRIPLETAIL . . . . .	5,100	765	-	-	32,300	4,200
YELLOWTAIL . . . . .	-	-	-	-	64,200	16,372
TOTAL . . . . .	89,809,800	1,604,452	32,058,100	989,307	260,566,500	11,624,871
SHELLFISH, ETC.						
CRABS:						
BLUE:						
HARD . . . . .	21,109,600	508,152	526,200	33,889	30,603,400	1,090,421
SOFT AND PEELERS . . . . .	880,900	440,450	-	-	880,900	440,450
STONE . . . . .	27,800	4,170	-	-	80,700	28,670
LOBSTERS, SPINY . . . . .	-	-	-	-	205,000	41,000
SHRIMP . . . . .	88,248,600	18,565,347	22,416,200	4,856,623	119,590,200	25,100,841
CLAMS:						
COQUINA . . . . .	-	-	-	-	54,000	13,500
HARD, PUBLIC . . . . .	-	-	-	-	687,700	171,925
CONCHS . . . . .	-	-	-	-	14,300	3,575
OYSTERS, MARKET:						
PUBLIC, SPRING . . . . .	3,701,600	1,040,859	395,700	181,464	6,937,000	2,264,566
PUBLIC, FALL . . . . .	773,600	223,416	183,600	83,710	2,436,900	974,771
PRIVATE, SPRING . . . . .	3,361,600	1,397,728	-	-	3,371,900	1,402,054
PRIVATE, FALL . . . . .	1,179,500	495,390	-	-	1,185,400	497,750
TOTAL OYSTERS . . . . .	9,016,300	3,157,393	579,300	265,174	13,931,200	5,139,141
SCALLOPS, BAY . . . . .	-	-	-	-	108,000	59,400
SQUID . . . . .	3,300	264	100	-	3,400	269
TURTLES, GREEN . . . . .	11,600	1,740	-	-	23,300	2,910
SPONGES:						
GRASS . . . . .	-	-	-	-	62,500	260,290
SHEEPSWOOL . . . . .	-	-	-	-	178,900	2,633,674
WIRE . . . . .	-	-	-	-	13,100	18,733
YELLOW . . . . .	-	-	-	-	12,100	91,200
TOTAL . . . . .	119,298,100	22,777,516	23,521,800	5,155,691	166,448,700	35,095,999
GRAND TOTAL . . . . .	209,107,900	24,381,968	55,579,900	6,144,998	427,015,200	46,720,870



GILL NET DRYING

SUPPLEMENTARY REVIEW OF CATCH OF CERTAIN SHELLFISH - VARIOUS YEARS

ITEM	FLORIDA, WEST COAST, 1945		ALABAMA, 1948		MISSISSIPPI, 1948		
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	
CRABS:							
BLUE:							
HARD . . . . .	NUMBER	2,543,592	\$54,620	5,689,236	\$118,630	11,005,200	\$275,130
STONE . . . . .	DO	52,900	24,500	-	-	-	-
CLAMS:							
COQUINA . . . . .	BUSHEL	6,750	13,500	-	-	-	-
HARD, PUBLIC. . . . .	DO	85,393	171,925	-	-	-	-
CONCHS. . . . .	DO	841	3,575	-	-	-	-
OYSTER, MARKET:							
PUBLIC, SPRING. . . . .	DO	101,310	224,331	188,306	442,369	351,441	375,543
PUBLIC, FALL. . . . .	DO	233,624	478,695	72,396	139,013	29,148	49,937
PRIVATE, SPRING . . . . .	DO	-	-	1,661	4,326	-	-
PRIVATE, FALL . . . . .	DO	-	-	1,229	2,360	-	-
SCALLOPS, BAY . . . . .	DO	21,357	59,400	-	-	-	-

ITEM	LOUISIANA, 1948		TEXAS, 1948		TOTAL, VARIOUS YEARS		
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	
CRABS:							
BLUE:							
HARD . . . . .	NUMBER	44,025,840	\$608,152	912,024	\$33,889	64,175,892	\$1,090,421
SOFT AND PEELERS . . . . .	DO	2,592,300	440,450	-	-	2,592,300	440,450
STONE . . . . .	DO	-	-	-	-	52,900	24,500
CLAMS:							
COQUINA . . . . .	BUSHEL	-	-	-	-	6,750	13,500
HARD, PUBLIC. . . . .	DO	-	-	-	-	85,393	171,925
CONCHS. . . . .	DO	-	-	-	-	841	3,575
OYSTERS, MARKET:							
PUBLIC, SPRING. . . . .	DO	1,064,625	1,040,859	81,732	181,464	1,787,414	2,264,566
PUBLIC, FALL. . . . .	DO	198,961	223,416	44,750	83,710	578,879	974,771
PRIVATE, SPRING . . . . .	DO	781,635	1,397,728	-	-	783,296	1,402,054
PRIVATE, FALL . . . . .	DO	299,989	495,390	-	-	301,218	497,750
SCALLOPS, BAY . . . . .	DO	-	-	-	-	21,357	59,400

NOTE:--BUSHEL REPRESENT U. S. STANDARD BUSHEL OF 2,150.4 CUBIC INCHES CAPACITY.

AVERAGE WEIGHTS OF CERTAIN SHELLFISH - VARIOUS YEARS

ITEM	FLORIDA, WEST COAST, 1945		ALABAMA, 1948		MISSISSIPPI, 1948	
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
CRABS:						
BLUE:						
HARD . . . . .	NUMBER PER POUND	2.32	2.40	-	2.00	-
STONE . . . . .	DO	1.00	-	-	-	-
CLAMS:						
COQUINA . . . . .	LBS. MEAT PER U.S. STANDARD BUSHEL	8.00	-	-	-	-
HARD, PUBLIC. . . . .	DO	8.05	-	-	-	-
CONCHS. . . . .	DO	17.00	-	-	-	-
OYSTERS, MARKET:						
PUBLIC, SPRING. . . . .	DO	4.71	6.20	-	3.40	-
PUBLIC, FALL. . . . .	DO	4.36	4.80	-	3.90	-
PRIVATE, SPRING . . . . .	DO	-	6.20	-	-	-
PRIVATE, FALL . . . . .	DO	-	4.80	-	-	-
SCALLOPS, BAY . . . . .	DO	5.06	-	-	-	-

ITEM	LOUISIANA, 1948		TEXAS, 1948	
	QUANTITY	QUANTITY	QUANTITY	QUANTITY
CRABS:				
BLUE:				
HARD . . . . .	NUMBER PER POUND	2.09	-	1.73
SOFT AND PEELERS . . . . .	DO	2.94	-	-
OYSTERS, MARKET:				
PUBLIC, SPRING. . . . .	LBS. MEAT PER U.S. STANDARD BUSHEL	3.48	-	4.84
PUBLIC, FALL. . . . .	DO	3.89	-	4.10
PRIVATE, SPRING . . . . .	DO	4.30	-	-
PRIVATE, FALL . . . . .	DO	3.93	-	-

## GULF FISHERIES

## MANUFACTURED FISHERY PRODUCTS, VARIOUS YEARS 1/

ITEM		MISSISSIPPI AND ALABAMA		LOUISIANA AND TEXAS		
YEAR	UNIT	QUANTITY	VALUE	QUANTITY	VALUE	
BY MANUFACTURING ESTABLISHMENTS:						
MENHADEN:						
MEAL AND DRY SCRAP. . . . .	1948	TONS	6,780	\$797,413	(2)	(2)
OIL . . . . .	1948	GALLONS	779,810	883,028	3,000	\$649
SEA TROUT, SALTED . . . . .	1940	POUNDS	-	-	-	-
CRABS, HARD, BLUE:						
CANNED . . . . .	1948	STANDARD CASES	(2)	(2)	14,520	220,672
MEAT, FRESH-COOKED . . . . .	1940	POUNDS	286,051	88,357	1,482,681	393,646
OYSTERS:						
CANNED . . . . .	1948	STANDARD CASES	98,921	1,325,844	114,722	1,486,177
FRESH-SHUCKED . . . . .	1940	GALLONS	84,284	136,306	294,824	446,331
SHRIMP:						
CANNED . . . . .	1948	STANDARD CASES	94,675	1,362,421	444,543	6,104,539
COOKED, PEELED . . . . .	1940	POUNDS	211,425	58,530	863,895	237,586
FROZEN, PACKAGED . . . . .	1940	DO	1,986,119	263,034	12,403,660	1,713,015
SUNDRIED . . . . .	1940	DO	-	-	1,930,400	326,416
MEAL OR BRAN . . . . .	1948	TONS	(2)	(2)	616	40,656
MISCELLANEOUS 3/ . . . . .	1948	-	-	94,533	-	4,245,951
MISCELLANEOUS CANNED 4/ . . . . .	1948	STANDARD CASES	1,665	37,593	3,874	96,737
TOTAL . . . . .	-	-	-	5,047,059	-	15,312,375
FISHERMEN PREPARED:						
OYSTERS, FRESH-SHUCKED . . . . .	1940	GALLONS	3,380	4,225	-	-
GRAND TOTAL . . . . .	-	-	-	5,051,284	-	15,312,375

1/ DATA ON THE PRODUCTION OF THE VARIOUS PRODUCTS ARE FOR THE YEARS INDICATED.

2/ INCLUDED WITH MISCELLANEOUS ITEMS.

3/ MISCELLANEOUS IN ALABAMA, INCLUDES FRESH AND FROZEN GROUPER AND RED SNAPPER FILLETS AND STEAKS, AND CRAB AND SHRIMP MEAL; IN MISSISSIPPI, FISH SOLUBLES; IN LOUISIANA AND TEXAS, MENHADEN MEAL AND OIL AND OYSTER SHELL GRIT AND UNBURNED LIME.

4/ MISCELLANEOUS CANNED IN ALABAMA INCLUDES CRAB MEAT, CRAB GUMBO, OYSTER CREOLE, SHRIMP CREOLE AND GUMBO; IN MISSISSIPPI, CRAB MEAT AND SMOKED SHRIMP; IN LOUISIANA, GRAYFISH BISQUE; SOFT SHELL CRABS; LOBSTER BISQUE; SHRIMP BALLS, RASTE, DEVILED, BISQUE AND CREOLE; SMOKED OYSTERS; OYSTER SOUP; TURTLE SOUP, CREOLE, ROULLABASSE AND GUMBO.

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

## SUMMARY OF MANUFACTURED FISHERY PRODUCTS, VARIOUS YEARS

SUMMARY OF STATES:		MANUFACTURED FISHERY PRODUCTS	FISHERMEN'S PREPARED PRODUCTS	TOTAL
STATE		VALUE	VALUE	VALUE
MISSISSIPPI . . . . .		\$4,378,772	\$4,225	\$4,382,997
ALABAMA . . . . .		668,287	-	668,287
LOUISIANA . . . . .		13,300,527	-	13,300,527
TEXAS . . . . .		2,011,848	-	2,011,848
TOTAL . . . . .		20,359,434	4,225	20,363,659
SUMMARY OF ITEMS:		UNIT	QUANTITY	VALUE
ITEM	YEAR			
CANNED FISH AND SHELLFISH . . . . .	1948	STANDARD CASES	772,920	\$10,633,983
FISHERY BYPRODUCTS AND				
PACKAGED FISH . . . . .	1948	-	-	6,061,581
PACKAGED SHELLFISH . . . . .	1940	POUNDS	22,511,001	3,667,446
SALTED FISH . . . . .	1940	DO	3,000	649
TOTAL . . . . .	-	-	-	20,363,659





ALABAMA

OPERATING UNITS BY GEAR, 1948

ITEM	HAUL SEINES, COMMON	GILL NETS, RUNAROUND	TRAMMEL NETS	LINES		
				HAND	TRAWL OR TROT WITH HOOKS	TROT WITH BAITS OR SNOODS
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS . . . . .	32	-	7	124	-	-
ON BOATS AND SHORE:						
REGULAR . . . . .	33	84	138	50	19	163
CASUAL . . . . .	6	-	18	44	9	23
TOTAL . . . . .	71	84	163	218	28	186
VESSELS, MOTOR . . . . .	5	-	1	14	-	-
NET TONNAGE . . . . .	40	-	12	258	-	-
BOATS:						
MOTOR . . . . .	12	27	72	44	7	130
OTHER . . . . .	18	27	84	49	21	56
ACCESSORY BOATS . . . . .	10	-	2	-	-	-
APPARATUS:						
NUMBER . . . . .	18	27	165	218	28	186
LENGTH, YARDS . . . . .	6,700	-	-	-	-	-
SQUARE YARDS . . . . .	-	12,000	74,900	-	-	-
HOOKS, BAITS, OR SNOODS.	-	-	-	354	10,270	77,650
ITEM	FYKE NETS, FISH	OTTER TRAWLS, SHRIMP	POTS, FISH	SPEARS	TONGS, OYSTER	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS . . . . .	-	78	-	-	4	229
ON BOATS AND SHORE:						
REGULAR . . . . .	9	656	11	37	345	1,011
CASUAL . . . . .	2	-	9	10	198	244
TOTAL . . . . .	11	734	20	47	547	1,484
VESSELS, MOTOR . . . . .	-	39	-	-	2	53
NET TONNAGE . . . . .	-	368	-	-	27	625
BOATS:						
MOTOR . . . . .	5	342	5	-	332	571
OTHER . . . . .	6	-	15	-	211	280
ACCESSORY BOATS . . . . .	-	-	-	-	-	12
APPARATUS:						
NUMBER . . . . .	123	381	222	47	547	-
YARDS AT MOUTH . . . . .	-	5,584	-	-	-	-

ALABAMA: CATCH BY GEAR, 1948

SPECIES	HAUL SEINES		GILL NETS, RUNAROUND		TRAMMEL NETS		LINES	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	HAND	
							POUNDS	VALUE
BLUEFISH . . . . .	100	\$15	3,000	\$450	2,500	\$375	-	-
BLUE RUNNER OR HARDTAIL . . . . .	4,700	188	44,000	1,760	15,500	652	-	-
CABIO OR CRAB EATER . . . . .	-	-	-	-	1,400	210	300	\$45
CREVALLE . . . . .	100	5	2,100	105	3,200	185	-	-
CROAKER . . . . .	11,900	821	-	-	33,200	2,336	3,100	217
DRUM:								
BLACK . . . . .	19,100	1,531	200	16	48,700	3,890	19,700	1,570
RED OR REDFISH . . . . .	24,900	5,478	1,100	242	86,600	19,052	44,500	9,791
FLOUNDERS . . . . .	13,000	2,562	4,500	893	48,400	9,521	3,700	732
GROUPERS . . . . .	-	-	-	-	-	-	257,000	27,322
JEW FISH . . . . .	-	-	-	-	-	-	5,100	502
KING MACKEREL . . . . .	-	-	2,900	319	-	-	-	-
KING WHITING OR "KINGFISH" . . . . .	10,200	705	5,000	350	53,200	3,617	10,800	749
MULLET . . . . .	248,200	18,570	19,700	1,576	1,085,300	77,165	-	-
POWANO . . . . .	-	-	1,100	600	-	525	-	-
SEA CATFISH . . . . .	17,500	1,258	4,300	344	29,600	2,309	15,100	1,174
SHEEPSHEAD, SALT-WATER . . . . .	12,200	1,225	-	-	60,700	6,118	8,600	871
SNAPPER, RED . . . . .	-	-	-	-	-	-	1,851,800	442,391
SPANISH MACKEREL . . . . .	1,100	122	875,300	70,024	10,800	1,130	300	29
SPOT . . . . .	600	50	-	-	900	65	-	-

(CONTINUED ON NEXT PAGE)

## GULF FISHERIES

## ALABAMA: CATCH BY GEAR, 1948 - Continued

SPECIES	HAUL SEINES		GILL NETS, RUNAROUND		TRAMMEL NETS		LINES	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	HAND	
							POUNDS	VALUE
SEA TROUT OR WEAKFISH:								
SPOTED . . . . .	36,400	\$8,008	4,600	\$1,012	141,700	\$31,174	52,400	\$11,605
WHITE . . . . .	43,300	4,308	1,100	107	65,300	6,473	24,000	2,401
STURGEON . . . . .	-	-	-	-	2,100	420	-	-
TENPOUNDER . . . . .	1,400	70	4,500	225	4,300	240	-	-
TRIPLETAIL . . . . .	100	15	3,200	480	1,600	240	-	-
TOTAL . . . . .	444,700	44,931	976,600	78,503	1,696,100	165,697	2,296,400	499,399

SPECIES	LINES - CONTINUED				FYKE NETS	
	TRAWL OR TROT WITH HOOKS		TROT WITH BAITS OR SNOODS			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH . . . . .	-	-	-	-	61,700	\$4,261
CATFISH AND BULLHEADS . . . . .	54,500	\$13,726	-	-	200	52
DRUM, RED OR REDFISH . . . . .	100	22	-	-	-	-
PADDLEFISH . . . . .	-	-	-	-	5,500	825
SHEEPSHEAD, FRESH-WATER . . . . .	600	30	-	-	2,500	100
SEA TROUT OR WEAKFISH, SPOTED . . . . .	100	22	-	-	-	-
STURGEON . . . . .	-	-	-	-	800	160
CRABS, BLUE, HARD . . . . .	-	-	2,372,600	\$118,630	-	-
TOTAL . . . . .	55,300	13,800	2,372,600	118,630	70,700	5,398

SPECIES	OTTER TRAWLS		POTS		SPEARS		TONGS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CATFISH AND BULLHEADS . . . . .	-	-	37,700	\$9,698	-	-	-	-
FLOUNDERS . . . . .	27,000	\$4,788	-	-	53,200	\$10,653	-	-
KING WHITING OR "KINGFISH"	28,800	2,016	-	-	-	-	-	-
SEA TROUT OR WEAKFISH, WHITE . . . . .	26,900	2,541	-	-	-	-	-	-
SHRIMP . . . . .	2,938,900	613,149	-	-	-	-	-	-
OYSTERS, MARKET:								
PUBLIC, SPRING . . . . .	-	-	-	-	-	-	1,167,500	\$442,369
PUBLIC, FALL . . . . .	-	-	-	-	-	-	347,500	139,013
PRIVATE, SPRING . . . . .	-	-	-	-	-	-	10,300	4,326
PRIVATE, FALL . . . . .	-	-	-	-	-	-	5,900	2,360
TOTAL . . . . .	3,021,600	622,494	37,700	9,698	53,200	10,653	1,531,200	588,068

## MISSISSIPPI

## SUMMARY OF OPERATING UNITS, 1948

ITEM	PURSE SEINES, MENHADEN	HAUL SEINES, COMMON	TRAMMEL NETS	LINES	
				HAND	TROT WITH BAITS OR SNOODS
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS . . . . .	422	-	-	13	-
ON BOATS AND SHORE:					
REGULAR . . . . .	-	3	78	47	265
CASUAL . . . . .	-	-	-	44	2
TOTAL . . . . .	422	3	78	104	267
VESSELS, MOTOR . . . . .	21	-	-	2	-
NET TONNAGE . . . . .	1,373	-	-	26	-
BOATS:					
MOTOR . . . . .	-	1	44	46	256
OTHER . . . . .	-	1	34	41	11
ACCESSORY BOATS . . . . .	63	-	-	-	-
APPARATUS:					
NUMBER . . . . .	21	1	55	104	267
LENGTH, YARDS . . . . .	8,250	200	-	-	-
SQUARE YARDS . . . . .	-	-	14,280	-	-
HOOKS, BAITS, OR SNOODS . . . . .	-	-	-	125	153,800

(CONTINUED ON NEXT PAGE)

## MISSISSIPPI: OPERATING UNITS BY GEAR, 1948 - Continued

ITEM	CAST NETS	OTTER TRAWL, SHRIMP	DREDGES, OYSTER, COMMON	TONGS, OYSTER	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS . . . . .	-	635	427	-	1,300
ON BOATS AND SHORE:					
REGULAR . . . . .	45	1,220	42	345	1,311
CASUAL . . . . .	8	-	-	-	42
TOTAL . . . . .	53	1,855	469	345	2,653
VESSELS, MOTOR . . . . .	-	295	96	-	317
NET TONNAGE . . . . .	-	4,071	1,251	-	5,449
BOATS:					
MOTOR . . . . .	-	610	14	267	656
OTHER . . . . .	-	-	-	75	118
ACCESSORY BOATS . . . . .	-	-	-	-	63
APPARATUS:					
NUMBER . . . . .	53	905	220	345	-
YARDS AT MOUTH . . . . .	-	17,457	231	-	-

## MISSISSIPPI: CATCH BY GEAR, 1948

SPECIES	PURSE SEINES		HAUL SEINES		TRAMMEL NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUEFISH . . . . .	-	-	-	-	200	\$34
BLUE RUNNER OR HARDTAIL . . . . .	-	-	-	-	600	30
CABIO OR CRAB EATER . . . . .	-	-	-	-	300	55
CREVALLE . . . . .	-	-	-	-	300	30
CROAKER . . . . .	-	-	1,000	\$100	2,300	234
DRUM:						
BLACK . . . . .	-	-	1,000	120	11,700	1,332
RED OR REDFISH . . . . .	-	-	2,000	500	34,400	8,405
FLOUNDERS . . . . .	-	-	1,000	200	8,200	1,595
KING WHITING OR "KINGFISH" . . . . .	-	-	1,000	120	22,000	2,590
MENHADEN . . . . .	68,636,100	\$907,438	-	-	-	-
MULLET . . . . .	-	-	-	-	140,800	16,816
SEA CATFISH . . . . .	-	-	1,500	120	8,900	712
SHEEPSHEAD, SALT-WATER . . . . .	-	-	2,000	240	6,400	819
SPANISH MACKEREL . . . . .	-	-	-	-	200	35
SPOT . . . . .	-	-	-	-	400	40
SEA TROUT OR WEAKFISH:						
SPOTTED . . . . .	-	-	2,000	500	44,700	11,175
WHITE . . . . .	-	-	1,000	150	36,100	5,415
TENPOUNDER . . . . .	-	-	-	-	100	5
TRIPLETAIL . . . . .	-	-	-	-	700	105
TOTAL . . . . .	68,636,100	907,438	12,500	2,050	318,300	49,427

SPECIES	LINES					
	HAND		TROT WITH BAITS OR SNOODS		CAST NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CABIO OR CRAB EATER . . . . .	100	\$20	-	-	-	-
CROAKER . . . . .	1,300	124	-	-	-	-
DRUM:						
BLACK . . . . .	7,100	828	-	-	-	-
RED OR REDFISH . . . . .	17,200	4,215	-	-	-	-
FLOUNDERS . . . . .	2,400	460	-	-	-	-
GROUPERS . . . . .	35,000	4,200	-	-	-	-
KING WHITING OR "KINGFISH" . . . . .	7,600	834	-	-	-	-
MULLET . . . . .	20,100	1,608	-	-	71,800	\$8,440
SEA CATFISH . . . . .	3,000	387	-	-	-	-
SHEEPSHEAD, SALT-WATER . . . . .	143,400	31,548	-	-	-	-
SNAPPER, RED . . . . .	-	-	-	-	-	-
SEA TROUT OR WEAKFISH:						
SPOTTED . . . . .	15,000	3,750	-	-	-	-
WHITE . . . . .	21,500	2,615	-	-	-	-
TRIPLETAIL . . . . .	100	15	-	-	-	-
CRABS, BLUE, HARD . . . . .	-	-	5,502,600	\$275,130	-	-
TOTAL . . . . .	273,800	50,604	5,502,600	275,130	71,800	8,440

(CONTINUED ON NEXT PAGE)

## GULF FISHERIES

## MISSISSIPPI: CATCH BY GEAR, 1948 - Continued

SPECIES	OTTER TRAWLS		DREDGES		TONGS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FLOUNDERS, . . . . .	33,800	\$6,560	-	-	-	-
KING WHITING OR "KINGFISH"	50,700	6,084	-	-	-	-
SEA TROUT OR WEAKFISH,						
WHITE, . . . . .	37,500	5,625	-	-	-	-
SHRIMP, . . . . .	4,203,800	851,798	-	-	-	-
OYSTERS, MARKET:						
PUBLIC, SPRING, . . . . .	-	-	960,000	\$273,708	234,900	\$101,835
PUBLIC, FALL, . . . . .	-	-	10,700	4,650	103,000	45,287
TOTAL, . . . . .	4,325,800	870,067	970,700	278,358	337,900	147,122

NOTE:--THE PRODUCTION OF FISHERY PRODUCTS BY MISSISSIPPI CRAFT IN LOUISIANA WATERS HAS BEEN INCLUDED WITH THE CATCH FOR LOUISIANA. THESE CATCHES WERE AS FOLLOWS: BY OYSTER DREDGES, PUBLIC SPRING OYSTERS, 2,237,900 POUNDS OF MEATS, VALUED AT \$642,266; AND PUBLIC FALL OYSTERS, 691,900 POUNDS OF MEATS, VALUED AT \$199,109; BY OYSTER TONGS, PUBLIC FALL OYSTERS, 2,200 POUNDS OF MEATS, VALUED AT \$470; AND BY SHRIMP TRAWLS, SHRIMP, 8,282,800 POUNDS, VALUED AT \$1,738,488.

## LOUISIANA

## OPERATING UNITS BY GEAR, 1948

ITEM	PURSE SEINES, MENHADEN	HAUL SEINES, COMMON	TRAMMEL NETS	LINES		DIP NETS	
				HAND	TROT WITH BAITS OR SNOODS	COMMON	DROP
				NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS, . . . . .	158	-	74	-	-	-	-
ON BOATS AND SHORE:							
REGULAR, . . . . .	-	129	284	99	886	228	54
CASUAL, . . . . .	-	3	-	9	193	87	48
TOTAL, . . . . .	158	132	358	108	1,079	315	102
VESSELS, MOTOR, . . . . .	8	-	17	-	-	-	-
NET TONNAGE, . . . . .	441	-	179	-	-	-	-
BOATS:							
MOTOR, . . . . .	-	36	99	84	718	31	43
OTHER, . . . . .	-	56	171	16	361	224	59
ACCESSORY BOATS, . . . . .	24	-	37	-	-	-	-
APPARATUS:							
NUMBER, . . . . .	8	41	122	108	1,079	315	5,060
LENGTH, YARDS, . . . . .	3,100	7,360	-	-	-	-	-
SQUARE YARDS, . . . . .	-	-	36,117	-	-	-	-
HOOKS, BAITS, OR SNOODS,	-	-	-	120	375,110	-	-
ITEM	OTTER TRAWLS, SHRIMP	BRUSH TRAPS	PCIB, CRAB	DREDGES, OYSTER, COMMON	TONGS, OYSTER	TOTAL, EXCLUSIVE OF DUPLICATION	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	
FISHERMEN:							
ON VESSELS, . . . . .	1,976	-	-	257	-	2,341	
ON BOATS AND SHORE:							
REGULAR, . . . . .	3,886	130	10	47	836	4,891	
CASUAL, . . . . .	-	-	-	-	-	255	
TOTAL, . . . . .	5,862	130	10	304	836	7,487	
VESSELS, MOTOR, . . . . .	868	-	-	54	-	888	
NET TONNAGE, . . . . .	11,733	-	-	650	-	12,289	
BOATS:							
MOTOR, . . . . .	1,945	95	4	11	168	2,478	
OTHER, . . . . .	-	35	-	-	513	1,102	
ACCESSORY BOATS, . . . . .	-	-	-	-	-	61	
APPARATUS:							
NUMBER, . . . . .	2,813	93,500	140	130	836	-	
YARDS AT MOUTH, . . . . .	56,357	-	-	143	-	-	

LOUISIANA: CATCH BY GEAR, 1948

SPECIES	PURSE SEINES		HAUL SEINES		TRAMMEL NETS		LINES	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	HAND	
							POUNDS	VALUE
BLUE FISH . . . . .	-	-	500	\$100	400	\$75	-	-
BLUE RUNNER OR HARDTAIL . . . . .	-	-	4,900	392	100	8	-	-
CABIO OR CRAB EATER . . . . .	-	-	-	-	200	30	300	\$45
CREVALLE . . . . .	-	-	-	-	-	-	100	10
CROAKER . . . . .	-	-	22,600	2,192	19,400	1,939	1,100	106
DRUM:								
BLACK . . . . .	-	-	57,500	5,750	99,000	9,979	7,400	738
RED OR REOFISH . . . . .	-	-	71,000	17,287	166,100	40,833	17,200	4,275
FLOUNDERS . . . . .	-	-	16,800	3,336	13,300	2,561	1,000	202
GARFISH . . . . .	-	-	10,900	545	200	10	-	-
GROUPERS . . . . .	-	-	-	-	-	-	4,300	645
KING WHITING OR "KINGFISH" . . . . .	-	-	40,100	4,171	53,700	6,423	4,000	480
MENHADEN . . . . .	88,110,400	\$1,308,016	-	-	-	-	-	-
MULLET . . . . .	-	-	6,000	357	3,900	195	-	-
POMPANO . . . . .	-	-	-	-	200	140	-	-
SEA CATFISH . . . . .	-	-	49,500	4,999	88,800	8,880	68,000	6,800
SHARKS . . . . .	-	-	-	-	500	40	-	-
SHEEPSHEAD, SALT-WATER . . . . .	-	-	24,800	3,039	83,300	9,966	3,400	406
SNAPPER, RED . . . . .	-	-	-	-	-	-	51,600	14,448
SPANISH MACKEREL . . . . .	-	-	200	36	1,600	288	-	-
SPOT . . . . .	-	-	4,200	420	18,800	1,880	2,400	240
SEA TROUT OR WEAKFISH:								
SPOTTED . . . . .	-	-	86,200	24,796	221,300	63,335	30,500	8,837
WHITE . . . . .	-	-	41,100	4,815	101,100	12,102	11,900	1,415
TENPOUNDER . . . . .	-	-	1,000	80	1,200	96	-	-
TRIPLETAIL . . . . .	-	-	500	75	4,300	645	300	45
CRABS, BLUE:								
HARD . . . . .	-	-	500	15	-	-	-	-
SOFT AND PEELERS . . . . .	-	-	183,500	91,750	-	-	-	-
TOTAL . . . . .	88,110,400	1,308,016	621,800	164,155	877,400	159,425	203,500	38,692

SPECIES	LINES - CONTINUED							
	TROT WITH BAITS OR SNOODS		DIP NETS		OTTER TRAWLS		BRUSH TRAPS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CROAKER . . . . .	-	-	-	-	500	\$50	-	-
FLOUNDERS . . . . .	-	-	-	-	69,700	13,369	-	-
KING WHITING OR "KINGFISH" . . . . .	-	-	-	-	99,200	11,154	-	-
SEA TROUT OR WEAKFISH, WHITE . . . . .	-	-	-	-	11,300	1,356	-	-
CRABS, BLUE:								
HARD . . . . .	20,553,600	\$589,927	414,500	\$12,643	31,500	1,187	-	-
SOFT AND PEELERS . . . . .	-	-	402,300	201,150	-	-	295,100	\$147,550
CRAWFISH, FRESH-WATER . . . . .	-	-	27,900	4,170	-	-	-	-
SHRIMP . . . . .	-	-	-	-	88,248,600	18,565,347	-	-
SQUID . . . . .	-	-	-	-	3,300	264	-	-
TURTLES, GREEN . . . . .	-	-	-	-	11,600	1,740	-	-
TOTAL . . . . .	20,553,600	589,927	844,600	217,963	88,475,700	18,594,467	295,100	147,550

SPECIES	POTS		DREDGES		TONGS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CRABS, BLUE, HARD . . . . .	109,500	\$4,380	-	-	-	-
OYSTERS, MARKET:						
PUBLIC, SPRING . . . . .	-	-	3,652,300	\$1,021,665	49,300	\$19,194
PUBLIC, FALL . . . . .	-	-	762,400	218,896	11,200	4,520
PRIVATE, SPRING . . . . .	-	-	121,400	50,988	3,240,200	1,346,740
PRIVATE, FALL . . . . .	-	-	4,500	1,890	1,175,000	493,500
TOTAL . . . . .	109,500	4,380	4,540,600	1,293,439	4,475,700	1,863,954

NOTE:--THE PRODUCTION OF FISHERY PRODUCTS BY MISSISSIPPI CRAFT IN LOUISIANA WATERS HAS BEEN INCLUDED WITH THE CATCH FOR LOUISIANA. THESE CATCHES WERE AS FOLLOWS: BY OYSTER DREDGES, PUBLIC SPRING OYSTERS, 2,237,900 POUNDS OF MEATS, VALUED AT \$642,266; AND PUBLIC FALL OYSTERS, 691,900 POUNDS OF MEATS, VALUED AT \$199,109; BY OYSTER TONGS, PUBLIC FALL OYSTERS, 2,200 POUNDS OF MEAT, VALUED AT \$470; AND BY SHRIMP TRAWLS, SHRIMP, 8,282,800 POUNDS, VALUED AT \$1,738,488.

## GULF FISHERIES TEXAS

### OPERATING UNITS BY GEAR, 1948

ITEM	PURSE SEINES, MENHADEN	HAUL SEINES, COMMON	GILL NETS, STAKE	TRAMMEL NETS	LINES			
					HAND	TRAWL OR TROT WITH HOOKS	TROLL	TROT WITH BAITS OR SNOODS
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:								
ON VESSELS . . . . .	96	-	-	-	196	-	10	-
ON BOATS AND SHORE:								
REGULAR . . . . .	-	65	27	106	252	204	2	52
CASUAL . . . . .	-	49	2	2	56	10	6	-
TOTAL . . . . .	96	114	29	108	504	214	18	52
VESSELS, MOTOR . . . . .	5	-	-	-	36	-	6	-
NET TONNAGE . . . . .	238	-	-	-	606	-	54	-
BOATS:								
MOTOR . . . . .	-	9	12	51	231	173	5	33
OTHER . . . . .	-	48	6	39	36	14	-	17
ACCESSORY BOATS . . . . .	15	-	-	-	-	-	-	-
APPARATUS:								
NUMBER . . . . .	5	28	17	56	493	340	18	50
LENGTH, YARDS . . . . .	2,000	12,406	-	-	-	-	-	-
SQUARE YARDS . . . . .	-	-	4,450	30,993	-	-	-	-
HOOKS, BAITS, OR SNOODS	-	-	-	-	712	32,988	18	10,900
ITEM	FYKE NETS, FISH	OTTER TRAWLS, SHRIMP	POTS, CRABS	SPEARS	DREDGES, OYSTER, COMMON	TONGS, OYSTER	BY HAND, OYSTER	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:								
ON VESSELS . . . . .	-	1,028	-	-	9	-	-	1,262
ON BOATS AND SHORE:								
REGULAR . . . . .	4	1,597	37	29	77	175	12	2,008
CASUAL . . . . .	-	-	7	36	-	-	-	127
TOTAL . . . . .	4	2,625	44	65	86	175	12	3,397
VESSELS, MOTOR . . . . .	-	462	-	-	3	-	-	477
NET TONNAGE . . . . .	-	7,941	-	-	26	-	-	8,368
BOATS:								
MOTOR . . . . .	-	811	39	-	27	103	-	1,131
OTHER . . . . .	4	-	4	-	-	5	-	124
ACCESSORY BOATS . . . . .	-	-	-	-	-	-	-	15
APPARATUS:								
NUMBER . . . . .	23	1,273	1,375	65	41	175	-	-
YARDS AT MOUTH . . . . .	-	26,275	-	-	50	-	-	-

### TEXAS: CATCH BY GEAR, 1948

SPECIES	PURSE SEINES		HAUL SEINES		GILL NETS, STAKE		TRAMMEL NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH . . . . .	-	-	-	-	-	-	3,700	\$444
CABIO OR CRAB EATER . . . . .	-	-	-	-	-	-	100	20
CATFISH AND BULLHEADS . . . . .	-	-	-	-	-	-	3,600	972
CROAKER . . . . .	-	-	400	\$28	-	-	100	7
DRUM:								
BLACK . . . . .	-	-	212,900	21,290	12,100	\$1,210	60,000	6,000
RED OR REDFISH . . . . .	-	-	199,800	39,960	28,100	5,620	155,300	31,060
FLOUNDERS . . . . .	-	-	1,700	408	1,900	456	16,900	4,536
JEWFISH . . . . .	-	-	200	20	-	-	100	10
KING WHITING OR "KINGFISH" . . . . .	-	-	6,100	427	1,200	84	7,000	490
MENHADEN . . . . .	28,184,900	263,120	-	-	-	-	-	-
MULLET . . . . .	-	-	155,600	3,891	100	3	34,800	870
POMPANO . . . . .	-	-	100	50	100	50	100	50
SEA CATFISH . . . . .	-	-	2,000	200	15,400	1,540	19,700	1,970
SHEEPSHEAD, SALT-WATER . . . . .	-	-	3,800	380	2,400	240	1,300	130
SPANISH MACKEREL . . . . .	-	-	1,200	240	-	-	100	20
SEA TROUT OR WEAKFISH:								
SPOTTED . . . . .	-	-	232,000	58,000	34,800	8,698	142,200	35,550
WHITE . . . . .	-	-	2,600	182	-	-	200	14
TOTAL . . . . .	28,184,900	263,120	818,400	125,076	96,100	17,901	447,200	82,143

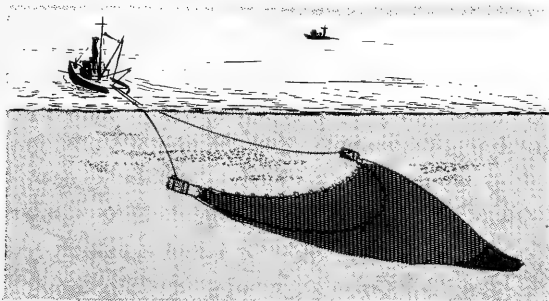
(CONTINUED ON NEXT PAGE)

TEXAS: CATCH BY GEAR, 1948 - Continued

SPECIES	LINES							
	HAND		TRAWL OR TROT WITH HOOKS		TROLL		TROT WITH BAITS OR SNOODS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
AMBERJACK . . . . .	-	-	-	-	300	\$45	-	-
CABIO OR CRAB EATER . . . . .	200	\$40	-	-	1,200	240	-	-
CATFISH AND BULLHEADS . . . . .	-	-	31,600	\$8,532	-	-	-	-
DRUM:								
BLACK . . . . .	125,800	12,580	155,600	15,560	-	-	-	-
RED OR REDFISH . . . . .	68,100	13,620	169,300	33,860	-	-	-	-
FLOUNDERS . . . . .	25,800	6,192	600	144	-	-	-	-
GROUPERS . . . . .	101,400	12,168	-	-	-	-	-	-
JEW FISH . . . . .	7,100	710	-	-	-	-	-	-
KING WHITING OR KINGFISH . . . . .	9,800	686	-	-	-	-	-	-
SEA CATFISH . . . . .	61,600	6,160	11,500	1,150	-	-	-	-
SHEEPSHEAD, SALT-WATER . . . . .	7,800	780	-	-	-	-	-	-
SNAPPER, RED . . . . .	1,315,300	302,519	-	-	3,800	760	-	-
SPANISH MACKEREL . . . . .	2,700	540	-	-	-	-	-	-
SEA TROUT OR WEAKFISH, SPOTTED . . . . .	128,300	32,075	50,900	12,725	-	-	-	-
CRABS, BLUE, HARD . . . . .	-	-	-	-	-	-	164,700	\$11,311
TOTAL . . . . .	1,853,900	388,070	419,500	71,971	5,300	1,045	164,700	11,311

SPECIES	FYKE NETS		OTTER TRAWLS		POTS		SPEARS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH . . . . .	10,300	\$1,236	-	-	-	-	-	-
CABIO OR CRAB EATER . . . . .	-	-	200	\$40	-	-	-	-
CARP . . . . .	800	80	-	-	-	-	-	-
FLOUNDERS . . . . .	-	-	89,700	21,537	-	-	38,400	\$9,216
JEW FISH . . . . .	-	-	200	20	-	-	-	-
KING WHITING OR KINGFISH . . . . .	-	-	83,100	5,817	-	-	-	-
SNAPPER, RED . . . . .	-	-	8,300	1,909	-	-	-	-
SEA TROUT OR WEAKFISH, WHITE . . . . .	-	-	1,800	126	-	-	-	-
CRABS, BLUE, HARD . . . . .	-	-	20,300	2,000	341,200	\$20,578	-	-
SHRIMP . . . . .	-	-	22,416,200	4,856,623	-	-	-	-
SQUID . . . . .	-	-	100	5	-	-	-	-
TOTAL . . . . .	11,100	1,316	22,619,900	4,888,077	341,200	20,578	38,400	9,216

SPECIES	DREDGES		TONGS		BY HAND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
OYSTERS, MARKET:						
PUBLIC, SPRING . . . . .	94,300	\$43,314	261,100	\$119,612	40,300	\$18,538
PUBLIC, FALL . . . . .	22,300	10,262	159,900	72,804	1,400	644
TOTAL . . . . .	116,600	53,576	421,000	192,416	41,700	19,182



SHRIMP TRAWL

## TARPON SPRINGS SPONGE FISHERY

During 1948, a total of 74,464 pounds of sponges, valued at \$465,937 was sold on the Exchange at Tarpon Springs, Florida. This was a decrease of 83,840 pounds or 53 percent in volume, and of \$1,275,946 or 73 percent in value compared with the transactions of the previous year.

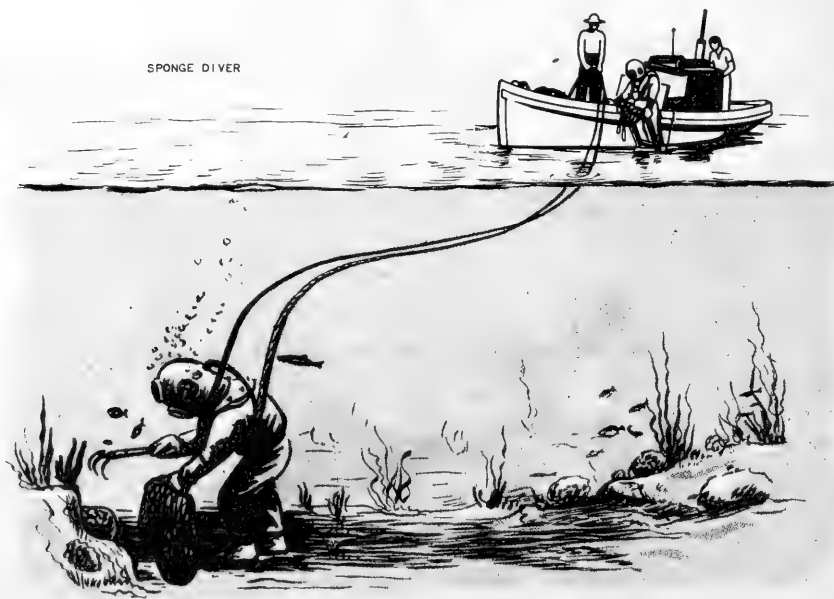
Sales of sponges on the Exchange during 1948 were as follows:

	<u>Bunches</u>	<u>Pounds</u>	<u>Value</u>
Large Wool	725	7,975	\$87,345
Small Wool	906	6,342	69,365
Wool Rags	6,952	45,813	277,279
Yellow	1,182	5,023	12,865
Grass	2,235	9,311	19,083

The 1948 total poundage was the lowest recorded in the 35 years for which data are available. The total value was the second lowest on record.

Domestic production of sponges has declined sharply since 1938. This is attributed to three reasons: first, lack of scientific management and control of the sponge beds; second, a fungus blight which began in 1939 and has seriously damaged the beds; and third, increased commercial production of artificial sponges.

Sponges are sold by 'the bunch', which consists of a string of sponges (strung) on a cord 60 inches long. As the weight of these bunches varies considerably, an estimated average weight per bunch for each classification is used in calculating the weight landed. These conversion factors may be found in Section 13 under the heading 'Conversion Factors.'





During 1948 Pacific pilchard landings increased appreciably but were still far behind the half-million ton catches made prior to the war. An increase of slightly over 100 million pounds was recorded in 1948, bringing the total for the year to 373,158,900 pounds with a value of \$11,010,356 to the fisherman. This was an increase of 37 percent in quantity and 79 percent in value compared with the low-level of the previous year. In the San Francisco area, the take of sardines decreased from 626,200 pounds in 1947 to 229,800 pounds in 1948; in the Monterey area the catch increased from 36,773,200 pounds in 1947 to 95,514,000 pounds in 1948; and in Southern California the increase was from 218,114,600 pounds in 1947 to 266,286,000 pounds in 1948. The catch in Southern California, would undoubtedly have been greater if the fishing had not been interrupted by price disagreements on two occasions, and if the canners had not imposed daily take limits throughout most of the season. The price paid to fishermen during the 1948 season began at \$67.50 per ton but dropped to \$50 per ton by the end of the season.

Tuna landings reached a new high of 325,005,600 pounds during 1948, and over 57 million pounds above the former record established the previous year. Prices paid for tuna during the 1948 season were the highest ever reached with albacore climbing to \$740 per ton for a short period. Yellowfin prices went to \$340 per ton, bluefin brought \$330 per ton and skipjack \$320 per ton. Other noteworthy developments in the Pacific Coast Tuna fishery during 1948 were the purse seining operations in the more southern waters in combination with freezer operations; a general trend from the canning of conventional grated packs to a combined flake and chunk pack; and the inauguration of an extensive advertising campaign to help boost canned tuna sales.

The landings of all salmon in the Pacific Coast States during 1948 totaled 65,380,300 pounds, valued at \$15,085,100. This is a decrease of 44 percent compared with the 1947 catch. The decrease was due primarily to an almost 52 million pound reduction in the catch of pink salmon in the Puget Sound District of Washington. Pink salmon are taken in quantity in that area only during odd-numbered years. The total salmon catch for California during 1948 showed a decrease of 3.7 million pounds, while the Oregon catch showed a decrease of 1.8 million pounds compared with 1947.

There were 14,006,400 pounds of halibut landed in the three Pacific Coast States during 1948. This was a gain of over 5 million pounds compared with the previous year. The 1948 halibut season was limited to 72 days, the shortest season since regulation of the fishery by the International Fisheries Commission was begun.

The total production of fish and shellfish in the Pacific Coast States during 1948 totaled 1,135,148,500 pounds valued at \$114,018,151 to the fishermen. This represented an increase of 9 percent in quantity and 22 percent in value compared with the previous year. The 1948 catch was the most valuable since the inception of the fishery. Of the total catch, California accounted for 895,492,500 pounds valued at \$79,983,474; Washington, 151,693,700 pounds, valued at \$22,572,869; and Oregon 87,962,300 pounds, valued at \$11,461,810.

The production of canned fish and fishery byproducts in the Pacific Coast States in 1948 was valued at \$204,064,589 to the processor, 9 percent more than in 1947. The three most valuable items processed were canned tuna, salmon and sardines. The packs of tuna and sardines were the most valuable ever canned, while that of salmon was considerably below the figure of the previous year. A total of 158 plants was engaged in canning fishery products in these states during 1948, while 96 were used for processing fishery byproducts.

The quantity of packaged fish produced during 1948 in the Pacific Coast States totaled approximately 22.7 million pounds.

The Maritime Industries, Inc., operated a whaling station at Fields Landing, California, during 1948. A total of 67 whales were taken, 29 more than in 1947. There were 32 sperm whales, 19 finback whales, and 16 humpback whales taken. The total value of the manufactured whale products was \$148,445.

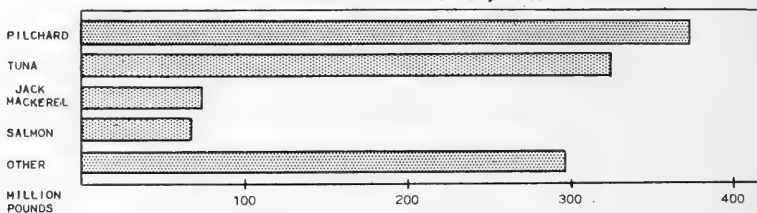
In the following operating unit tabulations landings by certain types of gear may be shown in one State although the vessel, crew, and gear may be credited to another State. The catch is listed for the port where it is landed, while the operating units are credited to the home port of the vessel, except in those cases where the vessel did no fishing from its home port. In those cases the vessel is credited to the port where it landed the greatest portion of its catch.

The last complete survey of the fishery transporting, wholesaling, and manufacturing industries was made for 1940. In that year 141 men were employed on 58 vessels operating in the transporting trade and 19,109 persons were employed in wholesale and manufacturing establishments. The latter employees received \$11,440,359 in salaries and wages during 1940. Detailed statistics on these branches of the industry for 1940 can be found in 'Fishery Statistics of the United States, 1944' (Statistical Digest No. 16).

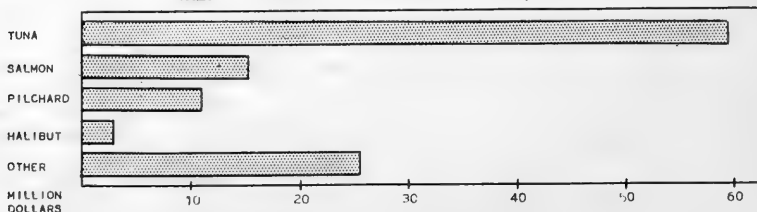
The following tables contain a summary of 1947 catch and operating units and detailed information on the 1947 catch and operating units of the Pacific Coast States. Condensed summary data of the operating units and catch by states of the Pacific Coast fisheries, appearing in the following pages, have been previously published in Current Fishery Statistics No. 580.

<sup>B</sup> Data on the operating units and catch of the fisheries of the Pacific Coast States have been taken largely from statistics collected by the various State agencies. Supplementary surveys, compilations, and analyses, have been made by agents of this Service in order that the figures may be presented in a manner comparable with those of other sections. While statistics on the fisheries of California are for the calendar year, those for Oregon and Washington are for the fiscal year ending March 31, 1949, except that statistics of the halibut fishery for Washington are for the calendar year.

#### PACIFIC COAST STATES CATCH, 1948



#### VALUE OF PACIFIC COAST STATES CATCH, 1948



# PACIFIC COAST FISHERIES

## SECTIONAL SUMMARIES

191

### SUMMARY OF CATCH, 1948

PRODUCT	WASHINGTON		OREGON	
	POUNDS	VALUE	POUNDS	VALUE
FISH . . . . .	118,430,800	\$17,876,801	77,681,400	\$10,336,896
SHELLFISH, ETC. . . . .	33,262,900	4,696,068	10,280,900	1,124,914
TOTAL . . . . .	151,693,700	22,572,869	87,962,300	11,461,810

PRODUCT	CALIFORNIA		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE
FISH . . . . .	860,874,700	\$77,318,677	1,056,986,900	\$105,532,374
SHELLFISH, ETC. . . . .	33,439,400	2,516,350	76,983,200	8,337,332
WHALE PRODUCTS . . . . .	1,178,400	148,445	1,178,400	148,445
TOTAL . . . . .	895,492,500	79,983,472	1,135,148,500	114,018,151

### SUMMARY OF OPERATING UNITS

ITEM	WASHINGTON, 1948				OREGON, 1948		
	PUGET SOUND DISTRICT	COASTAL DISTRICT	COLUMBIA RIVER DISTRICT	TOTAL	COLUMBIA RIVER DISTRICT	COASTAL DISTRICT	TOTAL
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS . . . . .	4,415	665	44	5,124	1,055	523	1,578
ON BOATS AND SHORE . . . . .	2,407	3,763	946	7,116	1,848	1,630	3,478
TOTAL . . . . .	6,822	4,428	990	12,240	2,903	2,153	5,056
VESSELS, MOTOR . . . . .	901	254	22	1,177	272	197	469
NET TONNAGE . . . . .	18,988	3,437	177	22,602	5,840	2,459	8,299
BOATS:							
MOTOR . . . . .	1,216	673	616	2,505	846	908	1,754
OTHER . . . . .	289	249	26	564	112	73	185
ACCESSORY BOATS . . . . .	239	-	-	239	15	-	15
APPARATUS:							
PURSE SEINES AND LAMPARA NETS:							
PILCHARD . . . . .	1/ 7	-	-	1/ 7	15	-	15
LENGTH, YARDS . . . . .	3,150	-	-	3,150	6,750	-	6,750
SALMON . . . . .	232	-	-	232	-	-	-
LENGTH, YARDS . . . . .	145,000	-	-	145,000	-	-	-
HAUL SEINES . . . . .	141	4	4	149	29	10	39
LENGTH, YARDS . . . . .	13,300	400	400	14,100	9,600	1,700	11,300
GILL NETS:							
SALMON . . . . .	538	576	470	1,584	880	1,009	1,889
SQUARE YARDS . . . . .	861,200	671,000	1,504,000	3,036,200	2,091,400	883,000	2,974,400
SHARK . . . . .	2,417	41	-	2,458	765	470	1,235
SQUARE YARDS . . . . .	2,005,350	34,000	-	2,039,350	666,700	410,000	1,076,700
SMELT . . . . .	-	-	6	6	73	-	73
SQUARE YARDS . . . . .	-	-	2,250	2,250	27,375	-	27,375
LINES:							
TRAWL, SET OR HAND . . . . .	32,079	101	52	32,232	572	500	1,072
HOOKS . . . . .	686,600	2,500	5,200	694,300	15,600	10,000	25,600
TROLL:							
SALMON . . . . .	3,675	1,830	408	5,913	1,190	1,980	3,170
HOOKS . . . . .	18,400	9,150	1,850	29,400	5,350	8,900	14,250
TUNA 2/ . . . . .	925	331	6	1,262	790	284	1,074
HOOKS . . . . .	925	331	6	1,262	790	284	1,074
POUND NETS . . . . .	3/ 5	-	-	3/ 5	49	-	49
BRUSH WEIRS . . . . .	1	-	-	1	-	-	-
DIP NETS . . . . .	36	35	423	494	515	-	515
REEF NETS . . . . .	92	-	-	92	-	-	-
BEAM TRAWLS . . . . .	8	-	-	8	-	-	-
YARDS AT MOUTH . . . . .	75	-	-	75	-	-	-
OTTER TRAWLS . . . . .	190	13	-	203	68	20	88
YARDS AT MOUTH . . . . .	2,850	195	-	3,045	1,020	300	1,320
TRAPS:							
CRAB . . . . .	21,000	22,100	-	43,100	8,450	18,600	27,050
CRAWFISH . . . . .	-	-	-	-	1,050	-	1,050
OCTOPUS . . . . .	300	-	-	300	-	-	-
SHRIMP . . . . .	250	-	-	250	-	-	-
DREDGES, OYSTER . . . . .	6	45	-	51	-	4	4
YARDS AT MOUTH . . . . .	12	90	4	102	-	8	8
TONGS AND RAKES . . . . .	32	70	-	102	-	10	10
SHOVELS . . . . .	375	2,850	-	3,225	-	588	588

SEE FOOTNOTES AT END OF TABLE

(CONTINUED ON NEXT PAGE)

## PACIFIC COAST FISHERIES

## SUMMARY OF OPERATING UNITS - Continued

ITEM	CALIFORNIA, 1947						GRAND TOTAL, VARIOUS YEARS
	NORTHERN DISTRICT	SAN FRANCISCO DISTRICT	MONTEREY DISTRICT	SAN PEDRO DISTRICT	SAN DIEGO DISTRICT	TOTAL	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	
FISHERMEN:							
ON VESSELS . . . . .	478	427	963	3,460	2,212	7,540	14,242
ON BOATS AND SHORE . . . . .	396	1,046	667	2,487	662	5,248	15,842
TOTAL . . . . .	864	1,473	1,630	5,947	2,874	12,788	30,084
VESSELS, MOTOR	168	122	114	561	247	1,212	2,858
NET TONNAGE . . . . .	2,539	1,778	4,091	16,773	17,099	42,280	73,181
BOATS:							
MOTOR . . . . .	292	672	242	1,298	318	2,822	7,081
OTHER . . . . .	-	2	-	2	-	4	753
ACCESSORY BOATS . . . . .	-	16	157	419	230	822	1,076
APPARATUS:							
PURSE SEINES AND							
LAMPARA NETS:							
PILCHARD . . . . .	-	4	90	170	17	281	303
LENGTH, YARDS . . . . .	-	1,880	39,150	82,832	9,214	133,076	142,976
SALMON . . . . .	-	-	-	-	-	-	232
LENGTH, YARDS . . . . .	-	-	-	-	-	-	145,000
TUNA . . . . .	-	-	11	145	7	163	163
LENGTH, YARDS . . . . .	-	-	7,304	93,196	4,095	104,595	104,595
OTHER . . . . .	-	13	111	76	12	212	212
LENGTH, YARDS . . . . .	-	2,112	19,092	23,712	3,156	48,072	48,072
HAUL SEINES . . . . .	-	-	-	-	-	-	188
LENGTH, YARDS . . . . .	-	-	-	-	-	-	25,400
GILL NETS:							
BARRACUDA . . . . .	-	-	-	48	32	80	80
SQUARE YARDS . . . . .	-	-	-	414,480	207,296	621,776	621,776
"CALIFORNIA HALIBUT	-	3	25	-	-	28	28
SQUARE YARDS . . . . .	-	9,600	95,350	-	-	104,950	104,950
SALMON . . . . .	-	243	-	-	-	243	3,716
SQUARE YARDS . . . . .	-	1,038,825	-	-	-	1,038,825	7,049,425
SEA BASS . . . . .	-	11	11	59	17	98	98
SQUARE YARDS . . . . .	-	24,145	24,695	396,185	137,173	582,198	582,198
SHAD . . . . .	-	104	-	-	-	104	104
SQUARE YARDS . . . . .	-	483,912	-	-	-	483,912	483,912
SHARK . . . . .	50	51	10	89	12	212	3,905
SQUARE YARDS . . . . .	306,276	527,952	76,520	741,815	87,084	1,739,647	4,855,697
SMELT . . . . .	-	-	-	-	-	-	79
SQUARE YARDS . . . . .	-	-	-	-	-	-	29,625
CRAB . . . . .	-	-	12	-	-	12	12
SQUARE YARDS . . . . .	-	-	34,656	-	-	34,656	34,656
OTHER . . . . .	18	66	32	50	7	173	173
SQUARE YARDS . . . . .	18,258	68,145	34,528	48,516	9,240	178,687	178,687
TRAMMEL NETS . . . . .	-	-	-	62	27	89	89
SQUARE YARDS . . . . .	-	-	-	377,890	138,645	516,535	516,535
LINES:							
TRAWL, SET OR HAND . . . . .	1,817	938	786	4,236	612	8,389	41,693
HOOKS . . . . .	163,930	47,964	67,414	84,840	12,540	376,688	1,096,588
TROLL:							
SALMON . . . . .	2,199	1,679	686	120	11	4,695	13,778
HOOKS . . . . .	9,657	7,998	3,841	686	58	22,240	65,890
TUNA 2/ . . . . .	1,359	1,777	1,420	9,539	3,645	17,740	20,076
HOOKS . . . . .	1,359	1,777	1,420	9,539	3,645	17,740	20,076
POUND NETS . . . . .	-	-	-	-	-	-	54
BRUSH WEIRS . . . . .	-	-	-	-	-	-	1
FYKE NETS . . . . .	-	2,419	-	-	-	2,419	2,419
DIP NETS . . . . .	24	12	-	-	-	36	1,045
BRAILS OR SCOOP NETS . . . . .	2	8	6	1,566	78	1,660	1,660
BAG NETS, SHRIMP . . . . .	-	2	-	-	-	2	2
LENGTH, YARDS . . . . .	-	1,280	-	-	-	1,280	1,280
REEF NETS . . . . .	-	-	-	-	-	-	92
BEAM TRAWLS . . . . .	-	20	-	-	-	20	28
YARDS AT MOUTH . . . . .	-	133	-	-	-	133	208
OTTER TRAWLS . . . . .	30	31	13	15	-	89	380
YARDS AT MOUTH . . . . .	450	451	168	210	-	1,279	5,644
TRAPS:							
CRAB . . . . .	8,461	8,870	364	131	-	17,826	87,976
CRAWFISH . . . . .	-	-	-	-	-	-	1,050
OCTOPUS . . . . .	-	-	25	-	-	25	325
LOBSTER, SPINY . . . . .	-	-	-	6,170	1,748	7,918	7,918
SHRIMP . . . . .	-	-	-	-	-	-	250
HARPOONS . . . . .	2	3	15	128	39	187	187

SEE FOOTNOTES AT END OF TABLE

(CONTINUED ON NEXT PAGE)

SUMMARY OF OPERATING UNITS - Continued

ITEM	CALIFORNIA, 1947						GRAND TOTAL, VARIOUS YEARS
	NORTHERN DISTRICT	SAN FRANCISCO DISTRICT	MONTEREY DISTRICT	SAN PEDRO DISTRICT	SAN DIEGO DISTRICT	TOTAL	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	
APPARATUS - CONTINUED:							
DREDGES, OYSTER . . . . .	-	-	-	-	-	-	55
YARDS AT MOUTH . . . . .	-	-	-	-	-	-	110
TONGS AND RAKES . . . . .	-	5	-	6	-	11	123
SHOVELS . . . . .	4	6	10	33	-	53	3,866
DIVING OUTFITS . . . . .	-	1	7	47	3	58	58

- 1/ OPERATED IN THE PILCHARD FISHERY OF OREGON. NO PILCHARD WERE LANDED IN WASHINGTON BY PURSE SEINE VESSELS DURING 1948.
- 2/ DATA FOR WASHINGTON AND OREGON INCLUDES ONLY VESSELS THAT TROLLED OR FISHED EXCLUSIVELY FOR TUNA AND DID NOT TROLL FOR SALMON. MANY OF THE SALMON TROLLERS IN THESE STATES ALSO TROLLED FOR TUNA.
- 3/ FISHED ONLY ON INDIAN RESERVATIONS.

NOTE:--STATISTICS IN THIS TABLE ON FISHING VESSELS INCLUDE CRAFT MAKING THEIR HOME PORT IN ONE OF THE DISTRICTS OF WASHINGTON OR OREGON. VESSELS AS WELL AS ALL TYPES OF GEAR OPERATED, BY EACH CRAFT, HAVE BEEN CREDITED TO THE DISTRICT IN WHICH EACH VESSEL MADE ITS HOME PORT (EXCEPT FOR CRAFT OPERATED EXCLUSIVELY IN ANOTHER DISTRICT) ALTHOUGH IN SOME INSTANCES SOME OF THE GEAR WAS OPERATED ONLY IN OTHER DISTRICTS. CRAFT WHICH DID NOT FISH IN THE DISTRICT IN WHICH THEIR HOME PORTS WERE LOCATED ARE CREDITED TO THE PRINCIPAL AREA IN WHICH THEY OPERATED.

CATCH BY STATES, 1948

SPECIES	WASHINGTON		OREGON ✓	
	POUNDS	VALUE	POUNDS	VALUE
ANCHOVIES . . . . .	112,500	\$5,623	62,400	\$2,806
CARP . . . . .	-	-	600	17
COD . . . . .	6,288,500	257,825	34,300	1,405
FLOUNDERS:				
SOLE . . . . .	12,266,600	748,254	11,694,500	627,573
OTHER . . . . .	1,557,500	61,680	1,730,200	56,233
GRAY FISH . . . . .	12,503,500	727,506	4,659,100	426,269
HAKE . . . . .	145,300	2,301	94,600	1,400
HALIBUT . . . . .	13,253,300	2,570,842	629,100	101,797
HERRING . . . . .	475,800	19,980	117,700	4,707
LAMPREY . . . . .	-	-	231,500	6,181
LINGCOD . . . . .	7,559,300	1,051,036	1,054,200	128,485
MACKEREL . . . . .	1,500	75	-	-
PERCH . . . . .	127,900	13,554	10,300	1,034
PILCHARD . . . . .	108,400	4,985	11,013,400	273,134
RATFISH . . . . .	1,271,000	11,855	-	-
ROCKFISHES . . . . .	10,891,000	488,479	4,694,500	193,519
SABLEFISH . . . . .	2,875,100	485,725	705,200	107,201
SALMON:				
CHINOOK OR KING . . . . .	10,819,100	2,714,873	13,910,400	3,010,071
CHUM OR KETA . . . . .	10,622,200	1,833,780	1,587,400	203,429
PINK . . . . .	1,600	196	-	-
RED OR SOCKEYE . . . . .	6,496,800	1,974,285	65,200	15,117
SILVER OR COHO . . . . .	10,856,900	2,641,813	3,251,500	682,135
TOTAL SALMON . . . . .	38,795,600	9,164,947	18,814,500	3,910,752
SHAD . . . . .	43,200	2,742	1,143,800	72,850
SHARKS . . . . .	761,800	489,758	602,300	413,479
SKATE . . . . .	523,600	1,274	46,000	126
SMELT:				
EULACHON . . . . .	3,041,600	139,736	930,300	80,251
SURF OR SILVER . . . . .	590,600	55,244	400	20
STEELHEAD TROUT . . . . .	116,600	19,357	1,424,200	245,117
STRIPED BASS . . . . .	-	-	116,600	11,660
STURGEON . . . . .	202,200	36,404	422,900	87,895
TUNA AND TUNALIKE FISHES:				
ALBACORE . . . . .	4,917,400	1,517,619	7,962,400	2,408,648
SKIPJACK OR STRIPED TUNA . . . . .	-	-	1,782,500	205,266
YE'LOWFIN . . . . .	-	-	7,702,900	969,071
TOTAL TUNA . . . . .	4,917,400	1,517,619	17,447,800	3,582,985
TOTAL . . . . .	118,430,800	17,876,801	77,681,400	10,336,896

SEE FOOTNOTES AT END OF TABLE

(CONTINUED ON NEXT PAGE)

## PACIFIC COAST FISHERIES

## CATCH BY STATES, 1948 - Continued

SPECIES	WASHINGTON		OREGON 1/	
	POUNDS	VALUE	POUNDS	VALUE
SHELLFISH				
CRABS, DUNCENESS . . . . .	22,712,500	\$2,402,214	10,069,500	\$1,047,228
CRAWFISH, FRESH-WATER . . . . .	-	-	32,300	6,451
SHRIMP . . . . .	42,200	11,598	-	-
CLAMS:				
HARD . . . . .	257,700	76,136	-	-
RAZOR . . . . .	528,700	290,782	88,900	52,917
MIXED . . . . .	-	-	30,300	7,587
TOTAL CLAMS . . . . .	786,400	366,918	119,200	60,504
OCTOPUS . . . . .	63,200	2,719	400	15
OYSTERS, MARKET:				
PACIFIC . . . . .	9,483,900	1,688,134	59,500	10,716
WESTERN OR NATIVE . . . . .	154,500	211,627	-	-
TOTAL OYSTERS . . . . .	9,638,400	1,899,761	59,500	10,716
SCALLOPS, BAY . . . . .	17,900	12,669	-	-
SQUID . . . . .	2,300	189	-	-
TOTAL . . . . .	33,262,900	4,696,068	10,280,900	1,124,914
GRAND TOTAL . . . . .	151,693,700	22,572,869	87,962,300	11,461,810
SPECIES	CALIFORNIA 1/		TOTAL	
FISH	POUNDS	VALUE	POUNDS	VALUE
ANCHOVIES . . . . .	10,835,900	\$347,927	11,010,800	\$356,356
BARRACUDA . . . . .	2,125,700	329,648	2,125,700	329,648
CABEZONE . . . . .	8,200	382	8,200	382
CABRILLA . . . . .	230,700	34,355	230,700	34,355
CARP . . . . .	420,600	22,134	421,200	22,151
CATFISH . . . . .	274,700	49,494	274,700	49,494
COD . . . . .	-	-	6,322,800	259,230
FLOUNDERS:				
"CALIFORNIA HALIBUT"	1,312,500	268,738	1,312,500	268,738
"SOLE"	21,654,900	1,139,725	45,616,000	2,514,552
OTHER . . . . .	1,324,600	68,560	4,612,300	186,473
FLYINGFISH . . . . .	71,000	5,265	71,000	5,265
GRAYFISH . . . . .	-	-	17,162,600	1,153,775
GROUPER . . . . .	355,300	59,845	355,300	59,845
HAKE . . . . .	5,100	383	245,000	4,084
HALIBUT . . . . .	124,000	24,379	14,006,400	2,697,018
HARDHEAD . . . . .	24,400	7,123	24,400	7,123
HERRING . . . . .	8,000,500	156,356	8,594,000	181,043
JACK MACKEREL . . . . .	72,898,300	2,136,341	72,898,300	2,136,341
KINGFISH . . . . .	643,100	37,563	643,100	37,563
LAMPREY . . . . .	-	-	231,500	6,181
LINGCOD . . . . .	2,055,500	172,128	10,669,000	1,351,649
MACKEREL . . . . .	39,385,800	1,380,584	39,387,300	1,380,659
MULLET . . . . .	45,400	4,334	45,400	4,334
PERCH . . . . .	305,200	47,427	443,400	62,015
PILCHARD . . . . .	362,037,100	10,732,237	373,158,900	11,010,356
POMFANO . . . . .	160,600	42,807	160,600	42,807
RAFFISH . . . . .	164,300	23,623	1,271,000	11,855
ROCK BASS . . . . .	-	-	164,300	23,623
ROCKFISHES . . . . .	6,507,200	393,187	22,092,700	1,075,185
SABLEFISH . . . . .	2,068,400	174,999	5,649,700	767,925
SALMON:				
CHINOOK OR KING . . . . .	2/ 7,769,200	2/ 2,009,401	32,498,700	7,734,345
CHUM OR KETA . . . . .	-	-	12,209,600	2,037,209
PINK . . . . .	-	-	1,600	196
RED OR SOCKEYE . . . . .	-	-	6,562,000	1,989,402
SILVER OR COHO . . . . .	-	-	14,108,400	3,323,948
TOTAL SALMON . . . . .	7,769,200	2,009,401	65,380,300	15,085,100
SCULPIN . . . . .	155,100	26,716	155,100	26,716
SEA BASS:				
BLACK . . . . .	188,000	30,683	188,000	30,683
WHITE . . . . .	1,114,300	267,904	1,114,300	267,904
SHAD . . . . .	426,500	27,191	1,613,500	102,783
SHARKS . . . . .	3/ 2,480,600	3/ 1,051,306	3,844,700	1,954,543
SHEEPSHEAD . . . . .	100,200	8,353	100,200	8,353
SKATE . . . . .	119,100	2,597	688,700	3,997
SMELT:				
EULACHON . . . . .	-	-	3,971,900	219,987
SURF OR SILVER . . . . .	782,100	53,197	1,373,100	108,461

SEE FOOTNOTES AT END OF TABLE

(CONTINUED ON NEXT PAGE)

## CATCH BY STATES, 1948 - Continued

SPECIES	CALIFORNIA <sup>1/</sup>		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE
FISH - CONTINUED				
SPANISH MACKEREL . . . . .	24,500	\$1,720	24,500	\$1,720
SPLITTAIL . . . . .	1,400	108	1,400	108
STEELHEAD TROUT . . . . .	-	-	1,540,800	264,474
STRIPED BASS . . . . .	-	-	116,600	11,660
STURGEON . . . . .	-	-	625,100	124,299
SUCKERS . . . . .	2,200	66	2,200	66
SWORDFISH . . . . .	1,113,800	354,670	1,113,800	354,670
TUNA AND TUNALIKE FISHES:				
ALBACORE . . . . .	36,481,000	10,700,557	49,360,800	14,626,824
BLUEFIN . . . . .	6,528,800	1,096,378	6,528,800	1,096,378
BONITO . . . . .	9,135,100	1,061,578	9,135,100	1,061,578
SKIPJACK OR STRIPED TUNA . . . . .	58,771,700	9,328,746	60,554,200	9,534,012
YELLOWFIN . . . . .	191,723,800	32,436,867	199,426,700	33,405,938
TOTAL TUNA . . . . .	302,640,400	54,624,126	325,005,600	59,724,730
WHITEBAIT . . . . .	222,500	24,225	222,500	24,225
WHITEFISH . . . . .	41,900	4,558	41,900	4,558
YELLOWTAIL . . . . .	10,445,700	1,162,721	10,445,700	1,162,721
UNCLASSIFIED . . . . .	208,200	10,691	208,200	10,691
TOTAL . . . . .	860,674,700	77,318,677	1,056,986,900	105,532,374
SHELLFISH				
CRABS:				
DUNGENESS . . . . .	11,818,300	1,251,908	44,600,300	4,701,350
ROCK . . . . .	20,900	2,115	20,900	2,115
CRAWFISH, FRESH-WATER . . . . .	-	-	32,300	6,451
LOBSTER, SPINY . . . . .	563,500	229,104	563,500	229,104
SHRIMP . . . . .	930,800	58,271	973,000	69,869
ABALONE . . . . .	645,700	370,900	645,700	370,900
CLAMS:				
HARD . . . . .	16,500	12,808	274,200	88,944
RAZOR . . . . .	-	-	617,600	343,699
SOFT . . . . .	400	126	126	400
MIXED . . . . .	-	-	30,300	7,587
TOTAL CLAMS . . . . .	16,900	12,934	922,500	440,356
MUSSELS . . . . .	500	150	500	150
OCTOPUS . . . . .	120,700	9,439	184,300	12,173
OYSTERS, MARKET:				
EASTERN . . . . .	46,400	51,633	46,400	51,633
PACIFIC . . . . .	20,000	11,729	9,563,400	1,710,579
WESTERN OR NATIVE . . . . .	-	-	154,500	211,627
TOTAL OYSTERS . . . . .	66,400	63,362	9,764,300	1,973,839
SCALLOPS, BAY . . . . .	-	-	17,900	12,669
SQUID . . . . .	19,255,700	518,167	19,258,000	518,356
TOTAL . . . . .	33,439,400	2,516,350	76,983,200	8,337,332
WHALE PRODUCTS				
MEAL . . . . .	238,000	7,720	238,000	7,720
OIL:				
WHALE . . . . .	413,300	61,719	413,300	61,719
SPERM . . . . .	467,500	66,071	467,500	66,071
OTHER . . . . .	59,600	12,935	59,600	12,935
TOTAL . . . . .	1,178,400	148,445	1,178,400	148,445
GRAND TOTAL . . . . .	895,492,500	79,983,472	1,135,148,500	114,018,151

<sup>1/</sup> INCLUDES THE CATCH TAKEN OFF LATIN AMERICA.

<sup>2/</sup> MAY INCLUDE SOME SILVER SALMON.

<sup>3/</sup> INCLUDES GRAYFISH.

NOTE:--PRIOR TO 1941, THE POUNDAGE OF HALIBUT, SABLEFISH, LINGCOD, AND ROCKFISHES REPORTED FOR WASHINGTON AND OREGON REPRESENTED THE DRESSED WEIGHT OF THE FISH LANDED. BEGINNING WITH THE DATA FOR 1941, ALL CATCH STATISTICS ARE SHOWN IN ROUND WEIGHTS. THE LANDED WEIGHT OF LINGCOD, SABLEFISH, AND ROCKFISHES (EXCEPT IN THE OTTER TRAWL FISHERIES IN WHICH THE FISH ARE LANDED ROUND) WAS CONVERTED TO ROUND WEIGHT BY MULTIPLYING THE DRESSED WEIGHT BY THE FACTOR 1.43. THE FACTOR USED TO CONVERT HALIBUT FROM MARKETED WEIGHT WAS 1.33. THE POUNDAGE AND VALUE OF THE CATCH SHOWN FOR WASHINGTON AND OREGON INCLUDES 3,654,859 POUNDS OF FISH LIVERS AND VISCERA, VALUED AT \$3,520,030 TO THE FISHERMEN. COMPARING THIS TOTAL WERE: COD LIVERS, 69,005 POUNDS, \$4,619; GRAYFISH LIVERS, 2,059,494 POUNDS, \$1,166,210; HAKE LIVERS, 7,555 POUNDS, \$3,661; HALIBUT LIVERS, 185,720 POUNDS, \$320,045; LINGCOD LIVERS, 199,223 POUNDS, \$899,208; RATFISH LIVERS, 51,286 POUNDS, \$2,564; ROCKFISH LIVERS, 11,951 POUNDS, \$11,546; SABLEFISH LIVERS, 92,197 POUNDS, \$165,955; SKATE LIVERS, 19,757 POUNDS, \$1,014; SOUFFIN SHARK LIVERS, 128,246 POUNDS, \$893,848; OTHER SHARK LIVERS, 124,350 POUNDS, \$9,093, AND HALIBUT, LINGCOD, SABLEFISH VISCERA, 706,065 POUNDS, \$342,067. SIMILAR DATA FOR CALIFORNIA ARE NOT AVAILABLE. MOST OF THE CARCASSES OF DOGFISH AND SOUFFIN SHARK WERE NOT LANDED, BUT WERE DISCARDED AT SEA AFTER REMOVAL OF THE LIVERS. A PORTION OF THE TUNA CATCH TAKEN OFF LATIN AMERICA BY UNITED STATES FISHERMEN, WHICH IS INCLUDED IN THIS TABLE, MAY BE INCLUDED IN U. S. IMPORT STATISTICS.

## PACIFIC COAST FISHERIES

## MANUFACTURED FISHERY PRODUCTS, VARIOUS YEARS 1/

ITEM	YEAR	UNIT	WASHINGTON		OREGON		CALIFORNIA	
			QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
BY MANUFACTURING ESTABLISHMENTS:								
ANCHOVIES:								
CANNED . . . . .	1948	STD. CASES	-	-	-	-	66,994	\$755,458
MEAL . . . . .	1948	TONS	-	-	-	-	163	21,517
OIL . . . . .	1948	GALLONS	-	-	-	-	15,407	15,320
BARRACUDA:								
SALTED, DRY . . . . .	1940	POUNDS	-	-	-	-	19,465	2,433
SMOKED . . . . .	1940	DO	-	-	-	-	1,000	200
CHUB, SMOKED . . . . .	1940	DO	-	-	-	-	40,000	18,000
COD:								
FRESH AND FROZEN FILLETS . . . . .	1948	DO	1,370,250	\$257,793	5,660	\$1,153	-	-
SALTED:								
DRY . . . . .	1940	DO	2,163,507	168,444	-	-	357,010	50,764
BONELESS AND ABSOLUTELY BONELESS	1940	DO	665,518	106,215	-	-	318,018	65,489
FLOUNDER:								
FRESH FILLETS . . . . .	1948	DO	2,340,086	661,756	315,560	89,769	57,480	20,692
FROZEN FILLETS . . . . .	1948	DO	2,091,575	636,786	2,525,681	825,942	961,585	301,032
HALIBUT:								
FRESH FILLETS AND STEAKS . . . . .	1948	DO	29,283	10,349	2,618	987	-	-
FROZEN FILLETS AND STEAKS . . . . .	1948	DO	3,008,520	1,220,174	76,444	27,825	81,369	34,368
HERRING:								
CANNED . . . . .	1948	STD. CASES	-	-	-	-	46,060	385,806
SPICED . . . . .	1940	POUNDS	18,890	2,614	-	-	-	-
SMOKED BLOATERS . . . . .	1940	DO	66,000	5,359	-	-	4,406	660
MEAL . . . . .	1948	TONS	-	-	-	-	120	16,464
OIL . . . . .	1948	GALLONS	-	-	-	-	5,769	5,887
JEWFISH FILLETS, DRY SALTED . . . . .								
	1940	POUNDS	-	-	-	-	8,857	1,107
LINGCOD:								
FRESH FILLETS AND STEAKS . . . . .	1948	DO	533,727	104,342	31,394	6,199	-	-
FROZEN FILLETS AND STEAKS . . . . .	1948	DO	1,027,213	201,125	158,600	31,176	-	-
MACKEREL:								
CANNED . . . . .	1948	STD. CASES	-	-	-	-	1,018,973	7,541,931
SALTED, DRY . . . . .	1940	POUNDS	-	-	-	-	8,548	598
PILCHARD:								
CANNED . . . . .	1948	STD. CASES	-	-	27,770	301,214	2,626,379	21,591,679
SALTED, DRY . . . . .	1940	POUNDS	-	-	-	-	9,683	968
MEAL . . . . .	1948	TONS	-	-	843	106,602	18,233	2,508,014
OIL . . . . .	1948	GALLONS	-	-	106,041	112,470	2,222,531	2,345,388
ROCKFISHES:								
FRESH FILLETS . . . . .	1948	POUNDS	1,939,825	349,287	448,122	79,622	-	-
FROZEN FILLETS . . . . .	1948	DO	1,524,692	279,220	516,345	99,955	469,995	86,428
SABLEFISH:								
FILLETS AND STEAKS, FRESH AND FROZEN.	1948	DO	64,974	13,457	7,012	1,341	-	-
SALTED . . . . .	1940	DO	58,090	3,281	-	-	-	-
KIPPERED . . . . .	1940	DO	223,373	37,856	-	-	390,496	80,116
SALMON:								
FILLETS AND STEAKS, FRESH AND FROZEN.	1948	DO	1,564,777	711,945	80,913	35,482	270,703	94,301
CANNED:								
CHINOOK OR KING . . . . .	1948	STD. CASES	44,771	1,341,157	239,078	8,489,901	11,417	366,095
CHUM OR KETA . . . . .	1948	DO	253,353	4,875,893	22,805	443,584	-	-
PINK . . . . .	1948	DO	4,480	116,651	-	-	-	-
RED OR SOCKEYE . . . . .	1948	DO	96,658	4,026,738	1,249	55,947	-	-
SILVER OR COHO . . . . .	1948	DO	84,840	2,325,419	40,807	1,294,838	-	-
STEELHEAD . . . . .	1948	DO	-	-	20,617	672,243	-	-
TOTAL CANNED SALMON	-	DO	484,102	12,685,858	314,556	10,956,513	11,417	366,095
EGGS FOR BAIT . . . . .								
	1948	STD. CASES	7,497	158,956	(2)	(2)	-	-
SALTED:								
MILD CURED . . . . .	1940	POUNDS	3,414,675	707,633	27,225	5,296	848,610	173,412
HARD SALTED . . . . .	1940	DO	-	-	-	-	28,000	4,200
BELLIES . . . . .	1940	DO	7,600	520	-	-	-	-
EGGS FOR CAVIAR . . . . .	1940	DO	291,518	26,856	-	-	-	-

SEE FOOTNOTES AT END OF TABLE

(CONTINUED ON NEXT PAGE)

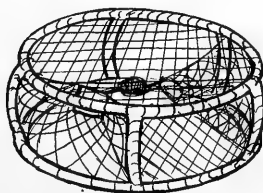


MANUFACTURED FISHERY PRODUCTS, VARIOUS YEARS 1/ - Continued

ITEM		WASHINGTON		OREGON		CALIFORNIA		
YEAR	UNIT	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	
BY MANUFACTURING ESTABLISHMENTS - CONTINUED:								
SALMON, CONTINUED:								
SMOKED. . . . .	1940	POUNDS	400,249		41,012		362,039	\$148,388
KIPPERED. . . . .	1940	DO	1,118,013	\$66,464	62,270	\$12,853	2,000	560
OIL, EDIBLE. . . . .	1948	GALLONS	(2)	224,380	22,065	77,228	(2)	(2)
SEA BASS, DRY SALTED. . . . .	1940	POUNDS	-	(2)	-	-	11,531	1,441
SHAD AND SHAD ROE. . . . .	1948	STD. CASES	512	4,490	11,173	219,397	2,632	29,228
SHARK LIVER OIL. . . . .	1948	GALLONS	195,946	2,151,511	-	-	127,134	3,745,928
STURGEON, KIPPERED. . . . .	1940	POUNDS	-	-	1,588	349	-	-
STURGEON ROE, SALTED. . . . .	1940	DO	60	120	-	-	-	-
TUNA AND TUNALIKE FISHES:								
CANNED SOLID, FLAKES AND GRATED:								
ALBACORE. . . . .	1948	STD. CASES	3/90,253	3/1,643,697	3/352,908	3/6,938,526	679,814	16,366,937
YELLOWFIN. . . . .	1948	DO	-	-	126,341	2,090,436	3,891,612	60,262,399
BLUEFIN. . . . .	1948	DO	-	-	-	-	148,778	2,379,079
SKIPJACK. . . . .	1948	DO	(3)	(3)	(3)	(3)	1,026,706	15,905,662
BONITO. . . . .	1948	DO	-	-	-	-	185,363	2,392,346
YELLOWTAIL. . . . .	1948	DO	-	-	-	-	188,776	2,238,982
TONNO. . . . .	1948	DO	-	-	-	-	89,167	1,542,508
MIXED SPECIES. . . . .	1948	DO	-	-	3,388	53,361	27,780	437,075
TOTAL CANNED TUNA	-	DO	90,253	1,643,697	482,637	9,082,323	6,437,996	101,523,988
DRY, SALTED. . . . .	1940	POUNDS	-	-	-	-	140,828	17,513
KIPPERED. . . . .	1940	DO	-	-	818	164	-	-
WHALE:								
MEAL:								
BONE. . . . .	1948	TONS	-	-	-	-	60	3,000
MEAT. . . . .	1948	DO	-	-	-	-	409	40,900
OIL:								
SPERM. . . . .	1948	GALLONS	-	-	-	-	62,332	66,071
OTHER. . . . .	1948	DO	-	-	-	-	55,107	61,719
WHITFISH, SMOKED. . . . .	1940	POUNDS	-	-	-	-	7,000	3,150
ABALONE STEAKS. . . . .	1940	DO	-	-	-	-	333,991	126,716
CLAMS:								
RAZOR, CANNED, MINCED	1948	STD. CASES	9,393	161,312	-	-	-	-
HARD:								
CANNED:								
WHOLE AND MINCED	1948	DO	9,679	108,684	-	-	-	-
NET-CAR. . . . .	1948	DO	2,100	6,856	-	-	-	-
FRESH-SHUCKED. . . . .	1940	GALLONS	2,406	3,580	-	-	-	-
CRABS, DUNGNESS:								
CANNED. . . . .	1948	STD. CASES	104,362	2,295,905	55,442	1,302,929	(2)	(2)
MEAT, FRESH-COOKED. . . . .	1940	POUNDS	337,351	119,320	939,695	254,170	103,272	38,947
OYSTERS:								
CANNED:								
NATURAL. . . . .	1948	STD. CASES	83,060	1,288,915	(2)	(2)	-	-
SMOKED. . . . .	1948	DO	1,022	80,054	-	-	-	-
COCKTAILS, SPREAD AND STEW. . . . .	1948	DO	1,954	38,930	-	-	-	-
FRESH-SHUCKED:								
EASTERN. . . . .	1940	GALLONS	-	-	154	385	-	-
PACIFIC. . . . .	1940	DO	344,755	430,408	114,970	138,669	18,677	30,584
WESTERN OR NATIVE	1940	DO	14,667	109,264	9,322	68,920	4,178	37,602
OYSTER SHELL PRODUCTS:								
GRIT. . . . .	1948	TONS	3,056	47,155	(2)	(2)	(2)	(2)
LIME, UNBURNED. . . . .	1948	DO	940	7,552	(2)	(2)	(2)	(2)
SCALLOPS, BAY, FRESH-SHUCKED. . . . .	1940	GALLONS	1,860	5,580	-	-	-	-
SQUID, CANNED. . . . .	1948	STD. CASES	-	-	-	-	349,799	1,373,810
ANIMAL FOOD. . . . .	1948	DO	(2)	(2)	-	-	761,560	4,081,867

SEE FOOTNOTES AT END OF TABLE

(CONTINUED ON NEXT PAGE)



PACIFIC COAST CRAB POT

## PACIFIC COAST FISHERIES

MANUFACTURED FISHERY PRODUCTS, VARIOUS YEARS <sup>1/</sup> - Continued

ITEM	WASHINGTON			OREGON		CALIFORNIA		
	YEAR	UNIT	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
BY MANUFACTURING ESTABLISHMENTS								
FISH SOLUBLES . . . . .	1948	POUNDS	-	-	(2)	(2)	27,823,340	\$1,239,754
MISCELLANEOUS CANNED <sup>4/</sup> . . . . .	1948	STD. CASES	5,333	\$24,043	1,282	\$64,593	14,488	225,730
MISCELLANEOUS BYPRODUCTS <sup>5/</sup> . . . . .	1948	-	-	4,250,200	-	404,506	-	8,536,142
MISCELLANEOUS PACKAGED FISH, FRESH OR FROZEN <sup>6/</sup> . . . . .	1948	POUNDS	4,297	430	5,176	3,338	1,270,751	270,733
TOTAL MANUFACTURING ESTABLISHMENT PRODUCTION . . . . .			-	13,418,676	-	24,319,141	-	158,093,098
BY FISHERMEN:								
COD, SALTED GREEN <sup>7/</sup> . . . . .	1940	POUNDS	3,202,700	136,115	-	-	-	-
TONGUES . . . . .	1940	DO	44,395	4,763	-	-	-	-
HERRING, SEA, SMOKED	1940	DO	-	-	-	-	37,000	3,700
SABLEFISH, SALTED . . . . .	1940	DO	122,200	6,721	-	-	-	-
CLAMS, MIXED, FRESH-SHUCKED . . . . .	1940	GALLONS	-	-	1,193	1,551	-	-
CRAB MEAT, PACKAGED, FRESH-COOKED . . . . .	1940	POUNDS	-	-	5,176	1,553	-	-
SCALLOPS, BAY, FRESH-SHUCKED . . . . .	1940	GALLONS	553	1,245	-	-	-	-
SHRIMP:								
BRAN . . . . .	1940	TONS	-	-	-	-	131	2,620
SUNDRIED . . . . .	1940	POUNDS	-	-	-	-	138,722	34,680
TOTAL FISHERMEN'S PREPARED PRODUCTS	-	-	-	148,844	-	3,104	-	41,000
GRAND TOTAL	-	-	-	31,567,520	-	24,322,245	-	158,134,098

<sup>1/</sup> DATA ON THE PRODUCTION OF THE VARIOUS PRODUCTS ARE FOR THE YEARS INDICATED.

<sup>2/</sup> INCLUDED WITH MISCELLANEOUS PRODUCTS.

<sup>3/</sup> SMALL QUANTITIES OF SKIPJACK HAVE BEEN INCLUDED WITH ALBACORE.

<sup>4/</sup> MISCELLANEOUS CANNED IN WASHINGTON INCLUDES SMOKED SALMON; STURGEON, SMOKED AND KIPPERED; ANIMAL FOOD; CRAB AND SHRIMP COCKTAILS; IN OREGON, SHAD; STURGEON, AND STEELHEAD, SMOKED; STURGEON, KIPPERED; SALMON EGGS FOR BAIT; AND OYSTERS; IN CALIFORNIA, SPANISH MACKEREL; SABLEFISH, KIPPERED; FISH CAKES; FISH PASTE; SHRIMP; AND DUNGNESS CRAB.

<sup>5/</sup> MISCELLANEOUS BYPRODUCTS IN WASHINGTON INCLUDE OIL FROM SALMON, TUNA, AND MISCELLANEOUS SPECIES; LIVER OIL FROM TUNA AND MISCELLANEOUS SPECIES; VISCERA OIL; MEAL AND SCRAP FROM SALMON, CRAB, AND UNCLASSIFIED SPECIES; CLAM SHELL GRIT AND LIME; IN OREGON, OIL FROM TUNA, MACKEREL, AND MISCELLANEOUS SPECIES; LIVER OIL FROM SHARK AND MISCELLANEOUS SPECIES; MEAL AND SCRAP FROM TUNA, MACKEREL, AND MISCELLANEOUS SPECIES; OYSTER SHELL LIME AND GRIT; FISH SOLUBLES; IN CALIFORNIA, OIL FROM SALMON, TUNA, AND MACKEREL; LIVER OIL FROM HALIBUT, TUNA AND MIXED SPECIES; MEAL AND SCRAP FROM MACKEREL, SALMON, SHARK, TUNA, AND MISCELLANEOUS SPECIES; OYSTER SHELL GRIT AND LIME, AGAR-AGAR, BAIT, GLUE, KELP PRODUCTS.

<sup>6/</sup> MISCELLANEOUS PACKAGED FISH INCLUDES KINGFISH, PERCH, SEA BASS, SMELTS, SPANISH MACKEREL, STURGEON, WHITE-BAIT AND UNCLASSIFIED FILLETS AND STEAKS.

<sup>7/</sup> THIS ITEM IS USUALLY AN INTERMEDIATE PRODUCT AND ALTHOUGH INCLUDED IN THE TOTAL, MAY BE SHOWN IN ITS FINAL STAGE OF PROCESSING IN THIS OR ANOTHER STATE.

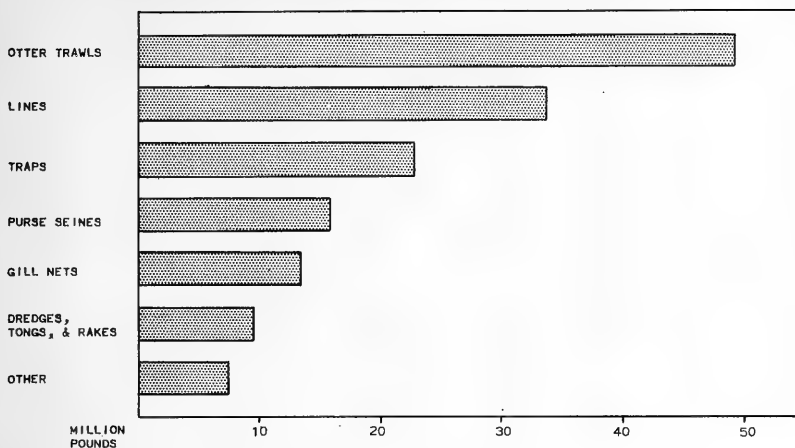
NOTE: SOME OF THE ABOVE PRODUCTS MAY HAVE BEEN IMPORTED FROM ANOTHER STATE OR A FOREIGN COUNTRY; THEREFORE, THEY CANNOT BE CORRELATED DIRECTLY WITH THE CATCH WITHIN THE STATE.

## SUMMARY OF MANUFACTURED FISHERY PRODUCTS, VARIOUS YEARS

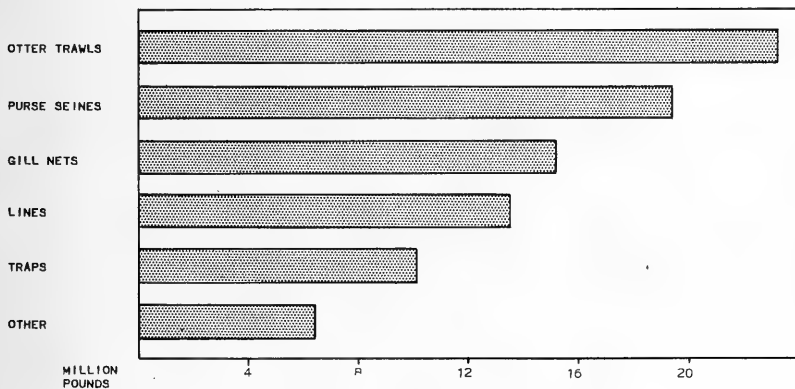
SUMMARY OF STATES:		MANUFACTURED FISHERY PRODUCTS	FISHERMEN'S PREPARED PRODUCTS	TOTAL
STATE		VALUE	VALUE	VALUE
WASHINGTON . . . . .		\$31,318,676	\$148,844	\$31,567,520
OREGON . . . . .		24,319,141	3,104	24,322,245
CALIFORNIA . . . . .		158,093,098	41,000	158,134,098
TOTAL . . . . .		213,830,915	192,948	214,023,863
SUMMARY OF ITEMS:		UNIT	QUANTITY	VALUE
PACKAGED FISH, FRESH AND FROZEN . . . . .	1948	POUNDS	22,784,627	\$6,457,008
CANNED FISH AND SHELLFISH . . . . .	1948	STANDARD CASES	13,028,425	178,301,261
BYPRODUCTS . . . . .	1948	-	-	25,763,328
BYPRODUCTS (BY FISHERMEN) . . . . .	1940	-	-	2,620
PACKAGED SHELLFISH . . . . .	1940	POUNDS	6,205,916	1,368,494
SALTED, DRIED AND PICKLED . . . . .	1940	DO	11,886,760	1,518,569
SMOKED AND KIPPERED . . . . .	1940	DO	2,776,154	612,583
TOTAL . . . . .	-	-	-	214,023,863

PACIFIC COAST FISHERIES

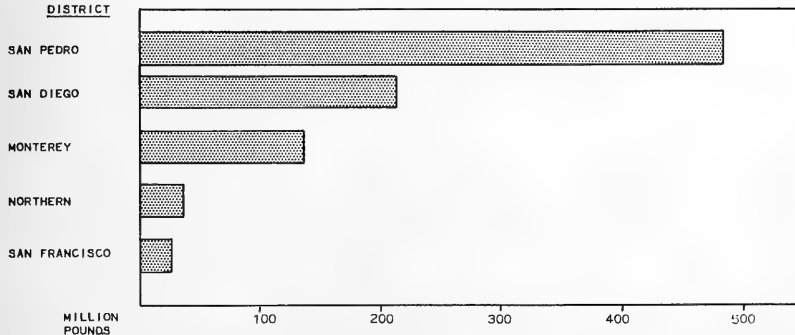
WASHINGTON: CATCH BY GEAR, 1948



OREGON: CATCH BY GEAR, 1948



CALIFORNIA: CATCH BY DISTRICTS, 1948



## PACIFIC COAST FISHERIES

## WASHINGTON

## CATCH BY DISTRICTS, 1948

SPECIES	PUGET SOUND DISTRICT		COASTAL DISTRICT		COLUMBIA RIVER DISTRICT	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ANCHOVIES . . . . .	-	-	112,500	\$5,623	-	-
COD . . . . .	6,156,700	\$252,422	131,800	5,403	-	-
FLOUNDERS:						
SOLE . . . . .	11,504,300	701,758	762,300	46,496	-	-
OTHER . . . . .	1,468,100	58,723	72,300	2,530	17,100	\$427
GRAYFISH . . . . .	12,302,700	711,125	200,800	16,381	-	-
HAKE . . . . .	145,300	2,301	-	-	-	-
HALLIBUT . . . . .	13,247,900	2,569,918	5,400	924	-	-
HERRING . . . . .	472,000	19,820	3,800	160	-	-
LINGCOD . . . . .	7,166,200	999,905	364,900	47,037	28,200	4,094
MACKEREL . . . . .	-	-	1,500	75	-	-
PERCH . . . . .	126,700	13,433	1,200	121	-	-
PILCHARD OR SABLEFISH . . . . .	108,400	4,985	-	-	-	-
RATFISH . . . . .	1,271,000	11,855	-	-	-	-
ROCKFISHES . . . . .	10,200,900	467,543	655,400	19,895	34,700	1,041
SABLEFISH . . . . .	2,863,500	484,407	11,600	1,318	-	-
SALMON:						
CHINOOK OR KING . . . . .	3,402,400	978,080	2,399,800	663,037	5,016,900	1,073,756
CHUM OR KETA . . . . .	9,094,400	1,635,524	1,147,200	152,585	380,600	45,671
PINK . . . . .	1,600	196	-	-	-	-
RED OR SOCKEYE . . . . .	6,135,400	1,846,748	330,900	120,463	30,500	7,074
SILVER OR COHO . . . . .	5,912,100	1,488,149	3,639,300	882,018	1,305,500	271,646
TOTAL SALMON . . . . .	24,545,900	5,948,697	7,517,200	1,818,103	6,733,500	1,398,147
SHAD . . . . .	2,400	172	-	-	40,800	2,570
SHARK:						
SOUPFIN . . . . .	658,400	485,919	2,200	910	-	-
OTHER . . . . .	101,200	3,029	-	-	-	-
SKATE . . . . .	523,600	1,274	-	-	-	-
SMELT:						
EULACHON . . . . .	-	-	-	-	3,041,600	139,736
SURF OR SILVER . . . . .	251,800	26,445	338,800	28,799	-	-
STEELHEAD TROUT . . . . .	-	-	44,200	7,203	72,400	12,154
STURGEON . . . . .	30,700	4,172	20,500	1,834	151,000	30,398
TUNA, ALBACORE . . . . .	644,200	202,918	3,786,100	1,166,131	487,100	148,570
CRABS . . . . .	1,933,400	220,411	20,779,100	2,181,803	-	-
SHRIMP . . . . .	42,200	11,598	-	-	-	-
SQUID . . . . .	2,300	189	-	-	-	-
CLAMS:						
HARD:						
BUTTER . . . . .	29,600	7,706	-	-	-	-
LITTLE NECK . . . . .	228,100	68,430	-	-	-	-
RAZOR . . . . .	-	-	528,700	290,782	-	-
OCTOPUS . . . . .	63,200	2,719	-	-	-	-
OYSTERS, MARKET:						
PACIFIC . . . . .	2,156,400	383,846	7,327,500	1,304,288	-	-
WESTERN OR NATIVE . . . . .	154,500	211,627	-	-	-	-
TOTAL OYSTERS . . . . .	2,310,900	595,473	7,327,500	1,304,288	-	-
SCALLOPS, BAY . . . . .	17,900	12,669	-	-	-	-
TOTAL . . . . .	98,419,500	13,889,916	42,667,800	6,945,816	10,606,400	1,737,137

PUGET SOUND DISTRICT OF WASHINGTON: OPERATING UNITS, 1948 <sup>1/</sup>

ITEM	PURSE SEINES		HAUL SEINES	GILL NETS			LINES	
	SALMON	PILCHARD 2/		SALMON		SHARK	TRAWL, SET AND HAND	TROLL SALMON
			DRIFT	SET 3/	NUMBER			
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:								
ON VESSELS . . . . .	1,878	82	-	71	-	434	1,231	696
ON BOATS AND SHORE . . . . .	16	-	357	504	53	158	142	510
TOTAL . . . . .	1,894	82	357	575	53	592	1,373	1,206
VESSELS, MOTOR . . . . .	229	7	-	43	-	90	192	356
NET TONNAGE . . . . .	5,433	450	-	339	-	2,077	5,760	3,996
BOATS:								
MOTOR . . . . .	3	-	103	418	35	143	95	385
OTHER . . . . .	-	-	38	24	18	3	15	-
ACCESSORY BOATS . . . . .	232	7	-	-	-	-	-	-

SEE FOOTNOTES AT END OF TABLE

(CONTINUED ON NEXT PAGE)

PACIFIC COAST FISHERIES

PUGET SOUND DISTRICT OF WASHINGTON: OPERATING UNITS BY GEAR, 1948 <sup>1/</sup> - Continued

ITEM	PURSE SEINES		HAUL SEINES	GILL NETS			LINES	
	SALMON	PILCHARD <sup>2/</sup>		SALMON		SHARK	TRAWL, SET AND HAND	TROLL
				DRIFT	SET <sup>3/</sup>			SALMON
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
APPARATUS, CONTINUED:								
NUMBER . . . . .	232	7	141	485	53	2,417	32,079	3,675
LENGTH, YARDS . . . . .	145,000	3,150	13,300	-	-	-	-	-
SQUARE YARDS . . . . .	-	-	-	848,700	12,500	2,005,350	-	-
HOOKS . . . . .	-	-	-	-	-	-	686,600	18,400
ITEM	LINES - CONTINUED	POUND NETS <sup>4/</sup>	BRUSH WEIRS	DIP NETS	REEF NETS	BEAM TRAWLS	OTTER TRAWLS	TRAPS
	TROLL - CONTINUED							CRAB
	TUNA <sup>3/</sup>							
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:								
ON VESSELS . . . . .	760	-	-	-	-	11	808	52
ON BOATS AND SHORE . . . . .	-	17	4	36	368	7	6	197
TOTAL . . . . .	760	17	4	36	368	18	814	249
VESSELS, MOTOR . . . . .	143	-	-	-	-	4	188	21
NET TONNAGE . . . . .	4,485	-	-	-	-	54	6,075	307
BOATS:								
MOTOR . . . . .	-	5	1	12	-	4	2	184
OTHER . . . . .	-	-	-	5	184	-	-	4
APPARATUS:								
NUMBER . . . . .	925	5	1	36	92	8	190	21,000
YARDS AT MOUTH . . . . .	-	-	-	-	-	75	2,850	-
HOOKS . . . . .	925	-	-	-	-	-	-	-
ITEM	TRAPS - CONTINUED		TONGS AND BY HAND, OYSTER	DREDGES, OYSTER	SHOVELS	TOTAL, EXCLUSIVE OF DUPLICATION		
	OCTOPUS	SHRIMP						
	NUMBER	NUMBER					NUMBER	NUMBER
FISHERMEN:								
ON VESSELS . . . . .	2	-	-	6	-	1,415		
ON BOATS AND SHORE . . . . .	4	8	115	2	375	2,407		
TOTAL . . . . .	6	8	115	8	375	6,822		
VESSELS, MOTOR . . . . .	1	-	-	2	-	901		
NET TONNAGE . . . . .	13	-	-	45	-	18,988		
BOATS:								
MOTOR . . . . .	4	8	24	1	-	1,216		
OTHER . . . . .	-	-	8	-	-	289		
ACCESSORY BOATS . . . . .	-	-	-	-	-	239		
APPARATUS:								
NUMBER . . . . .	300	250	32	6	375	-		
YARDS AT MOUTH . . . . .	-	-	-	12	-	-		

<sup>1/</sup> STATISTICS IN THIS TABLE ON FISHING VESSELS INCLUDE CRAFT WHOSE HOME PORT IS IN THE PUGET SOUND DISTRICT. ALL TYPES OF FISHING GEAR OPERATED BY THESE VESSELS HAVE BEEN INCLUDED ALTHOUGH IN SOME INSTANCES CERTAIN OF THE GEAR WERE OPERATED ONLY IN OTHER DISTRICTS. VESSELS, FISHERMEN, AND GEAR OPERATED IN THE PUGET SOUND DISTRICT BUT HAVING THEIR HOME PORT IN OTHER DISTRICTS HAVE NOT BEEN INCLUDED, EXCEPT FOR THOSE OPERATED ONLY IN PUGET SOUND.

<sup>2/</sup> ALL OF THE VESSELS OPERATING SARDINE PURSE SEINES OPERATED FROM THE COLUMBIA RIVER DISTRICT OF OREGON.

<sup>3/</sup> INCLUDES ONLY VESSELS THAT TROLLED OR FISHED ONLY FOR TUNA AND DID NOT TROLL FOR SALMON. MANY OF THE SALMON TROLLERS ALSO TROLLED FOR TUNA.

<sup>4/</sup> FISHED ONLY ON INDIAN RESERVATIONS.

PUGET SOUND DISTRICT OF WASHINGTON: CATCH BY GEAR, 1948

SPECIES	PURSE SEINES		HAUL SEINES <sup>1/</sup>	
	POUNDS	VALUE	POUNDS	VALUE
COD . . . . .	-	-	100	\$4
FLOUNDERS:				
SOLE . . . . .	200	\$10	700	40
OTHER . . . . .	900	37	3,300	132
GRAYFISH <sup>2/</sup> . . . . .	1,200	67	2,600	149

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

## PACIFIC COAST FISHERIES

## PUGET SOUND DISTRICT OF WASHINGTON: CATCH BY GEAR, 1948 - Continued

SPECIES	PURSE SEINES		HAUL SEINES <sup>1/</sup>	
	POUNDS	VALUE	POUNDS	VALUE
HERRING . . . . .	-	-	63,000	\$2,645
LINGCOD . . . . .	1,300	\$65	1,000	49
PERCH . . . . .	-	-	121,200	12,851
PILCHARD OR SARDINE . . . . .	-	-	108,400	4,985
ROCKFISHES . . . . .	-	-	5,300	240
SALMON:				
CHINOOK OR KING . . . . .	348,900	60,362	7,800	1,358
CHUM OR KETA . . . . .	7,817,800	1,399,388	39,000	6,987
PINK . . . . .	700	87	-	-
RED OR SOCKEYE . . . . .	5,244,300	1,578,541	-	-
SILVER OR COHO . . . . .	2,178,900	485,893	28,000	6,236
TOTAL SALMON . . . . .	15,590,600	3,524,271	74,800	14,581
SMELT, SURF OR SILVER	-	-	251,300	26,387
SQUID . . . . .	-	-	1,900	158
OCTOPUS . . . . .	200	9	1,600	68
TOTAL . . . . .	15,594,400	3,524,459	635,200	62,289

SPECIES	GILL NETS						LINES	
	SALMON				SHARKS		TRAWL, SET AND HAND	
	DRIFT		SET		POUNDS	VALUE	POUNDS	VALUE
COD . . . . .	-	-	-	-	1,900	\$78	1,600	\$66
FLOUNDERS:								
SOLE . . . . .	-	-	-	-	8,400	515	7,600	462
OTHER . . . . .	300	\$11	-	-	-	-	-	-
GRAYFISH <sup>2/</sup> . . . . .	292,700	16,920	-	-	1,765,300	102,033	885,200	51,200
HAKE . . . . .	-	-	-	-	4,000	40	-	-
HALIBUT . . . . .	-	-	-	-	-	-	13,073,400	2,540,247
LINGCOD . . . . .	900	46	-	-	83,800	13,741	1,005,100	164,831
PERCH . . . . .	-	-	-	-	-	-	200	22
RATFISH . . . . .	3,300	24	-	-	25,500	191	2,900	22
ROCKFISHES . . . . .	300	12	-	-	33,000	1,813	398,400	25,897
SABLEFISH . . . . .	-	-	-	-	900	150	2,491,800	441,047
SALMON:								
CHINOOK OR KING . . . . .	525,300	149,705	600	\$112	-	-	-	-
CHUM OR KETA . . . . .	951,400	177,913	160,600	28,747	-	-	-	-
PINK . . . . .	100	17	-	-	-	-	-	-
RED OR SOCKEYE . . . . .	437,800	131,765	-	-	-	-	-	-
SILVER OR COHO . . . . .	1,071,600	279,692	52,600	11,739	-	-	-	-
TOTAL SALMON . . . . .	2,986,200	739,092	213,800	40,598	-	-	-	-
SHAD . . . . .	700	52	-	-	-	-	-	-
SHARK:								
SOUFFIN <sup>2/</sup> . . . . .	-	-	-	-	564,000	416,195	27,600	20,332
OTHER <sup>2/</sup> . . . . .	300	7	-	-	43,100	1,292	1,600	46
SKATE <sup>2/</sup> . . . . .	-	-	-	-	6,600	14	14,200	25
STURGEON . . . . .	-	-	-	-	1,300	175	100	16
SQUID . . . . .	-	-	-	-	-	-	200	17
OCTOPUS . . . . .	-	-	-	-	1,200	53	8,600	370
TOTAL . . . . .	3,284,700	756,164	213,800	40,598	2,539,000	536,290	17,918,500	3,244,604

SPECIES	LINES - CONTINUED		POUND NETS <sup>3/</sup>		BRUSH WEIRS		DIP NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
COD . . . . .	500	\$19	-	-	-	-	-	-
FLOUNDERS, SOLE . . . . .	6,600	404	-	-	-	-	-	-
GRAYFISH <sup>2/</sup> . . . . .	25,500	1,472	-	-	-	-	-	-
HALIBUT . . . . .	174,500	29,671	-	-	-	-	-	-
HERRING . . . . .	-	-	-	-	396,200	\$16,639	12,800	\$536
LINGCOD . . . . .	280,100	45,900	-	-	-	-	-	-
ROCKFISHES . . . . .	40,900	2,046	-	-	-	-	-	-
SABLEFISH . . . . .	19,500	3,459	-	-	-	-	-	-
SALMON:								
CHINOOK OR KING . . . . .	2,422,100	749,638	66,500	\$11,510	-	-	-	-
CHUM OR KETA . . . . .	100	16	13,500	2,423	-	-	-	-
PINK . . . . .	600	70	-	-	-	-	-	-
RED OR SOCKEYE . . . . .	-	-	6,300	1,886	-	-	-	-
SILVER OR COHO . . . . .	2,187,200	616,789	110,800	24,698	-	-	-	-
TOTAL SALMON . . . . .	4,610,000	1,366,513	197,100	40,517	-	-	-	-

SEE FOOTNOTES AT END OF TABLE

(CONTINUED ON NEXT PAGE)

PACIFIC COAST FISHERIES

PUGET SOUND DISTRICT OF WASHINGTON: CATCH BY GEAR, 1948 - Continued

SPECIES	LINES - CONTINUED		POUND NETS 3/		BRUSH WEIRS		DIP NETS	
	TROLL		POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
	POUNDS	VALUE						
SHARK:								
SOUPFIN 2/	500	\$387	-	-	-	-	-	-
OTHER 2/	1,100	32	-	-	-	-	-	-
SMELT, SURF OR SILVER	-	-	-	-	-	-	500	\$58
STURGEON	100	12	-	-	-	-	-	-
TUNA, ALBACORE	644,200	202,918	-	-	-	-	-	-
SHRIMP	-	-	-	-	-	-	500	136
OCTOPUS	3,200	139	-	-	-	-	-	-
TOTAL	5,806,700	1,652,972	197,100	\$40,517	396,200	\$16,639	13,800	730

SPECIES	REEF NETS		BEAM TRAWLS		OTTER TRAWLS		TRAPS	
							CRAB	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
COD	-	-	-	-	6,152,600	\$252,255	-	-
FLOUNDERS:								
SOLE	-	-	-	-	11,480,800	700,327	-	-
OTHER	-	-	-	-	1,463,600	58,543	-	-
GRAYFISH 2/	-	-	-	-	9,330,200	539,284	-	-
HAKE	-	-	-	-	141,300	2,261	-	-
LINGCOD	-	-	-	-	5,793,900	775,268	100	\$5
PERCH	-	-	-	-	5,300	560	-	-
RATFISH	-	-	-	-	1,239,300	11,618	-	-
ROCKFISHES	-	-	-	-	9,723,000	437,535	-	-
SABLEFISH	-	-	-	-	351,300	39,751	-	-
SALMON:								
CHINOOK OR KING	31,200	\$5,395	-	-	-	-	-	-
CHUM OR KETA	112,000	20,050	-	-	-	-	-	-
PINK	200	22	-	-	-	-	-	-
RED OR SOCKEYE	447,000	134,556	-	-	-	-	-	-
SILVER OR COHO	283,000	63,102	-	-	-	-	-	-
TOTAL SALMON	873,400	223,125	-	-	-	-	-	-
SHAD	-	-	-	-	1,700	120	-	-
SHARK:								
SOUPFIN 2/	-	-	-	-	66,300	48,905	-	-
OTHER 2/	-	-	-	-	55,100	1,652	-	-
SKATE 2/	-	-	-	-	502,800	1,231	-	-
STURGEON	-	-	-	-	29,200	3,969	-	-
CRABS 4/	-	-	-	-	-	-	1,933,400	220,411
SHRIMP	-	-	28,500	\$7,844	-	-	-	-
SQUID	-	-	-	-	200	14	-	-
OCTOPUS	-	-	-	-	24,000	1,032	-	-
SCALLOPS, BAY 7/	-	-	17,900	12,669	-	-	-	-
TOTAL	873,400	223,125	46,400	20,513	46,360,600	2,874,325	1,933,500	220,416

SPECIES	TRAPS - CONTINUED				DREDGES, BY HAND, AND TONGS		SHOVELS	
	OCTOPUS		SHRIMP		POUNDS	VALUE	POUNDS	VALUE
	POUNDS	VALUE	POUNDS	VALUE				
SHRIMP	-	-	13,200	\$3,618	-	-	-	-
CLAMS, HARD: 5/	-	-	-	-	-	-	29,600	\$7,705
BUTTER	-	-	-	-	-	-	228,100	68,430
LITTLE NECK	-	-	-	-	-	-	-	-
OCTOPUS	24,400	\$1,048	-	-	-	-	-	-
OYSTERS, MARKET: 6/	-	-	-	-	2,156,400	\$383,846	-	-
PACIFIC	-	-	-	-	154,500	211,627	-	-
WESTERN	-	-	-	-	-	-	-	-
TOTAL	24,400	1,048	13,200	3,618	2,310,900	595,473	257,700	76,136

- 1/ THE SALMON CAUGHT BY HAUL SEINES WERE TAKEN BY INDIANS ON RESERVATIONS.
- 2/ CAUGHT ALMOST ENTIRELY FOR THE UTILIZATION OF THE LIVERS IN THE EXTRACTION OF VITAMIN OILS. MOST OF THE CARCASSES WERE DISCARDED.
- 3/ FISHED ONLY ON INDIAN RESERVATIONS.
- 4/ THE WEIGHT OF CRABS SHOWN IS BASED ON AN AVERAGE OF 22 POUNDS PER DOZEN.
- 5/ THE STATISTICS ON HARD CLAMS ARE BASED ON YIELDS OF 25 PERCENT OF EDIBLE MEAT.
- 6/ THE STATISTICS ON OYSTERS ARE BASED ON 18 PERCENT EDIBLE MEATS FOR NATIVE OYSTERS AND 10 PERCENT FOR PACIFIC OYSTERS.
- 7/ THE WEIGHTS OF BAY SCALLOPS ARE BASED ON 8.5 POUNDS PER GALLON WHEN SHUCKED.

NOTE:--THE QUANTITIES SHOWN REPRESENT THE ROUND WEIGHT OF THE CATCH OF FISH AND SHELLFISH EXCEPT FOR BIVALVE MOLLUSKS, WHICH ARE REPORTED IN POUNDS OF MEATS. THE POUNDAGE AND VALUE OF THE CATCH SHOWN ABOVE INCLUDES THE FOLLOWING ITEMS OF LIVERS AND VISCERA: COD LIVERS, 67,350 POUNDS, VALUE \$4,710; GRAYFISH LIVERS, 1,476,306 POUNDS, VALUE \$708,627; HAKE LIVERS, 4,523 POUNDS, VALUE \$2,261; HALIBUT LIVERS 177,304 POUNDS, VALUE \$310,282; LINGCOD LIVERS 165,308 POUNDS, VALUE \$495,924; RATFISH LIVERS, 51,286 POUNDS, VALUE \$2,564; ROCKFISH LIVERS, 9,187 POUNDS, VALUE \$9,187; SABLEFISH LIVERS, 74,546 POUNDS, VALUE \$134,183; SKATE LIVERS, 17,918 POUNDS, VALUE \$895; SOUPFIN SHARK LIVERS, 78,995 POUNDS, VALUE \$485,819; OTHER SHARK LIVERS 101,032 POUNDS, VALUE \$3,029, AND HALIBUT, LINGCOD AND SABLEFISH VISCERA, 628,649 POUNDS, VALUE \$321,056.

## PACIFIC COAST FISHERIES

COASTAL DISTRICT OF WASHINGTON: OPERATING UNITS BY GEAR, 1948 <sup>1/</sup>

ITEM	HAUL SEINES	GILL NETS			LINES		
		SALMON		SHARK	TROLL		SET
		DRIFT	SET <sup>2/</sup>		SALMON	TUNA <sup>3/</sup>	
		NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN: ON VESSELS . . . . . ON BOATS AND SHORE	12	22 371	- 208	5 3	341 270	158 10	6 3
TOTAL . . . . .	12	393	208	8	611	168	9
VESSELS, MOTOR . . . . . NET TONNAGE . . . . .	-	15 125	-	2 33	174 1,689	50 1,233	2 37
BOATS: MOTOR . . . . . OTHER . . . . .	2 2	343 25	65 120	2 -	197 -	4 -	2 -
APPARATUS: NUMBER . . . . . LENGTH, YARDS . . . . . SQUARE YARDS . . . . . HOOKS . . . . .	4 400 - -	368 625,500 -	208 45,500 -	41 34,000 <sup>4/</sup> -	1,830 - 9,150	331 - 331	101 - 2,500

ITEM	DIP NETS	OTTER TRAWLS	TRAPS, CRAB	TONGS AND BY HAND, OYSTER	DREDGES, OYSTER <sup>4/</sup>	SHOVELS	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN: ON VESSELS . . . . . ON BOATS AND SHORE	- 35	51	218 114	- 170	54 12	- 2,850	665 3,763
TOTAL . . . . .	35	51	332	170	66	2,850	4,428
VESSELS, MOTOR . . . . . NET TONNAGE . . . . .	-	13 326	78 1,053	- -	18 320	-	254 3,437
BOATS: MOTOR . . . . . OTHER . . . . .	10 4	-	76	52 103	5 -	-	673 249
APPARATUS: NUMBER . . . . . YARDS AT MOUTH . . . . .	35 -	13 195	22,100 -	70	45 90	2,850 -	- -

<sup>1/</sup> FISHED ONLY ON INDIAN RESERVATIONS.

<sup>2/</sup> STATISTICS IN THIS TABLE ON FISHING VESSELS INCLUDE CRAFT MAKING THEIR HOME PORT IN THE WASHINGTON COASTAL DISTRICT. ALL TYPES OF GEAR OPERATED BY THESE VESSELS HAVE BEEN INCLUDED ALTHOUGH IN SOME INSTANCES CERTAIN OF THE GEAR WERE OPERATED ONLY IN OTHER DISTRICTS. VESSELS, FISHERMEN AND GEAR OPERATED IN THE WASHINGTON COASTAL DISTRICT BUT HAVING THEIR HOME PORT IN OTHER DISTRICTS HAVE NOT BEEN INCLUDED, EXCEPT FOR THOSE OPERATED ONLY IN THE WASHINGTON COASTAL DISTRICT.

<sup>3/</sup> INCLUDES ONLY VESSELS THAT TROLLED OR FISHED EXCLUSIVELY FOR TUNA AND DID NOT TROLL FOR SALMON. MANY OF THE SALMON TROLLERS ALSO TROLLED FOR TUNA.

<sup>4/</sup> INCLUDES ONE SUCTION DREDGE.

## COASTAL DISTRICT OF WASHINGTON: CATCH BY GEAR, 1948

SPECIES	HAUL SEINES		GILL NETS			
			SALMON		SET <sup>1/</sup>	
			DRIFT			
			POUNDS	VALUE	POUNDS	VALUE
ANCHOVIES . . . . .	112,500	\$5,623	-	-	-	-
FLOUNDERS, OTHER . . . . .	-	-	-	-	300	\$10
GRAYFISH <sup>2/</sup> . . . . .	-	-	56,000	\$4,569	-	-
HERRING . . . . .	3,800	160	-	-	-	-
PERCH . . . . .	700	72	-	-	-	-
SALMON:						
CHINOOK OR KING . . . . .	-	-	271,800	57,616	256,200	56,424
CHUM OR KETA . . . . .	-	-	1,070,300	142,353	76,800	10,213
RED OR SOCKEYE . . . . .	-	-	-	-	330,900	120,463
SILVER OR COHO . . . . .	-	-	747,300	163,734	315,800	69,165
TOTAL SALMON . . . . .	-	-	2,089,700	363,703	989,700	256,265
SMELT, SURF OR SILVER . . . . .	184,100	15,648	-	-	-	-
STEELHEAD TROUT . . . . .	-	-	17,600	1,583	44,200	7,203
STURGEON . . . . .	-	-	-	-	100	9
TOTAL . . . . .	301,100	21,503	2,163,300	369,855	1,034,300	263,487

SEE FOOTNOTES AT END OF TABLE

(CONTINUED ON NEXT PAGE)



PACIFIC COAST FISHERIES

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COASTAL DISTRICT OF WASHINGTON: CATCH BY GEAR, 1948 - Continued

SPECIES	GILL NETS - CONT'D.		LINES				DIP NETS	
	SHARK		TRAWL AND SET		TROLL		POUNDS	VALUE
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE		
COD . . . . .	-	-	-	-	200	\$7	-	-
FLOUNDERS, SOLE . . . . .	4,600	\$278	-	-	100	5	-	-
GRAYFISH 2/ . . . . .	9,600	780	-	-	400	35	-	-
HALIBUT . . . . .	-	-	1,200	\$204	4,200	720	-	-
LINGCOD . . . . .	8,500	1,238	-	-	178,900	26,114	-	-
MACKEREL . . . . .	-	-	-	-	1,500	75	-	-
PERCH . . . . .	-	-	-	-	-	-	500	\$49
ROCKFISHES . . . . .	4,000	129	-	-	112,000	3,583	-	-
SABLEFISH . . . . .	1,000	118	-	-	-	-	-	-
SALMON:								
CHINOOK OR KING . . . . .	2,900	613	-	-	1,858,900	548,384	-	-
CHUM OR KETA . . . . .	-	-	-	-	100	19	-	-
SILVER OR COHO . . . . .	-	-	-	-	2,575,900	649,119	-	-
TOTAL SALMON . . . . .	2,900	613	-	-	4,434,900	1,197,522	-	-
SMELT, SURF OR SILVER SOUPFIN SHARK 2/ . . . . .	1,700	692	-	-	500	218	154,700	13,151
STURGEON . . . . .	2,200	201	-	-	100	10	-	-
TUNA, ALBACORE . . . . .	-	-	-	-	3,786,100	1,166,131	-	-
TOTAL . . . . .	34,500	4,049	1,200	204	8,518,900	2,394,420	155,200	13,200

SPECIES	OTTER TRAWLS		TRAPS, CRAB		DREDGES, BY HANDS AND TONGS		SHOVELS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
COD . . . . .	131,600	\$5,396	-	-	-	-	-	-
FLOUNDERS:								
SOLE . . . . .	757,600	46,213	-	-	-	-	-	-
OTHER . . . . .	72,000	2,520	-	-	-	-	-	-
GRAYFISH 2/ . . . . .	134,800	10,997	-	-	-	-	-	-
LINGCOD . . . . .	174,600	19,553	2,900	\$132	-	-	-	-
ROCKFISHES . . . . .	539,400	16,183	-	-	-	-	-	-
SABLEFISH . . . . .	10,600	1,200	-	-	-	-	-	-
STURGEON . . . . .	500	31	-	-	-	-	-	-
CRABS 3/ . . . . .	-	-	20,779,100	2,181,803	-	-	528,700	\$290,782
CLAMS, RAZOR 4/ OYSTERS, MARKET, PACIFIC 5/ . . . . .	-	-	-	-	7,327,500	\$1,304,288	-	-
TOTAL . . . . .	1,821,100	102,093	20,782,000	2,181,935	7,327,500	1,304,288	528,700	290,782

- 1/ FISHED ONLY ON INDIAN RESERVATIONS.
- 2/ CAUGHT ALMOST ENTIRELY FOR THE UTILIZATION OF THE LIVERS IN THE EXTRACTION OF VITAMIN OILS. MOST OF THE CARCASSES WERE DISCARDED.
- 3/ THE WEIGHT OF CRABS SHOWN ABOVE IS BASED ON A WEIGHT OF 24 POUNDS PER DOZEN.
- 4/ THE WEIGHT OF RAZOR CLAMS IS BASED ON A YIELD OF 42 PERCENT OF EDIBLE MEAT.
- 5/ THE STATISTICS ON OYSTERS USED IN THIS TABLE ARE BASED ON YIELDS OF 12 PERCENT EDIBLE MEATS.

NOTE:--THE QUANTITIES SHOWN REPRESENT THE ROUND WEIGHT OF THE CATCH OF FISH AND SHELLFISH EXCEPT FOR BIVALVE MOLLUSKS, WHICH ARE REPORTED IN POUNDS OF MEATS. THE POUNDAGE AND VALUE OF THE CATCH SHOWN ABOVE INCLUDES THE FOLLOWING ITEMS OF LIVERS AND VISCERA: COD LIVERS, 1,280 POUNDS, VALUE \$90; GRAYFISH LIVERS, 24,090 POUNDS, VALUE \$16,387; LINGCOD LIVERS, 9,283 POUNDS, VALUE \$27,849; SABLEFISH LIVERS, 128 POUNDS, VALUE \$230; SOUPFIN SHARK LIVERS, 276 POUNDS, VALUE \$692, AND LINGCOD VISCERA, 11,051 POUNDS, VALUE \$4,420.

COLUMBIA RIVER DISTRICT OF WASHINGTON: OPERATING UNITS BY GEAR, 1948 1/

ITEM	HAUL SEINES	GILL NETS		LINES			DIP NETS	TOTAL, EXCLUSIVE OF DUPLICATION
		SALMON	SMELT	TRAWL AND SET	TROLL			
					SALMON	TUNA 2/		
FISHERMEN:								
ON VESSELS . . . . .	-	2	-	-	44	-	-	44
ON BOATS AND SHORE . . . . .	12	543	6	30	104	2	423	946
TOTAL . . . . .	12	545	6	30	148	2	423	990
VESSELS, MOTOR . . . . .	-	1	-	-	22	-	-	22
NET TONNAGE . . . . .	-	5	-	-	177	-	-	177

SEE FOOTNOTES AT END OF TABLE

(CONTINUED ON NEXT PAGE)

## PACIFIC COAST FISHERIES

## COLUMBIA RIVER DISTRICT OF WASHINGTON: OPERATING UNITS BY GEAR, 1948 1/ - Continued

ITEM	HAUL SEINES	GILL NETS		LINES			DIP NETS	TOTAL, EXCLUSIVE OF DUPLICATION
		SALMON	SMELT	TRAWL AND SET	TROLL			
					SALMON	TUNA 2/		
NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	
BOATS:								
MOTOR . . . . .	4	457	6	23	69	1	172	616
OTHER . . . . .	4	12	-	7	-	-	10	26
APPARATUS:								
NUMBER . . . . .	4	470	6	52	408	6	423	-
LENGTH, YARDS . . . . .	400	-	-	-	-	-	-	-
SQUARE YARDS . . . . .	-	1,504,000	2,250	-	-	-	-	-
HOOKS . . . . .	-	-	-	5,200	1,850	6	-	-

1/ STATISTICS IN THIS TABLE ON FISHING VESSELS INCLUDE CRAFT WHOSE HOME PORT IS IN THE COLUMBIA RIVER DISTRICT OF WASHINGTON; VESSELS, FISHERMEN AND GEAR OPERATED IN THE COLUMBIA RIVER DISTRICT BUT HAVING THEIR HOME PORT IN OTHER DISTRICTS HAVE NOT BEEN INCLUDED, EXCEPT FOR THOSE OPERATED EXCLUSIVELY IN THE COLUMBIA RIVER DISTRICT OF WASHINGTON.

2/ INCLUDES ONLY VESSELS THAT TROLLED OR FISHED EXCLUSIVELY FOR TUNA AND DID NOT TROLL FOR SALMON. MANY OF THE SALMON TROLLERS ALSO TROLLED FOR TUNA.

## COLUMBIA RIVER DISTRICT OF WASHINGTON: CATCH BY GEAR 1/

SPECIES	GILL NETS				LINES	
	SALMON, DRIFT		SMELT		TRAWL OR SET	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FLOUNDERS . . . . .	17,100	\$427	-	-	-	-
SALMON:						
CHINOOK OR KING . . . . .	3,442,100	719,404	-	-	-	-
CHUM OR KETA . . . . .	380,500	45,656	-	-	-	-
RED OR SOCKEYE . . . . .	5,600	1,296	-	-	-	-
SILVER OR COHO . . . . .	252,700	50,546	-	-	-	-
TOTAL . . . . .	4,080,900	816,902	-	-	-	-
SHAD . . . . .	40,000	2,521	-	-	-	-
SMELT, EULACHON . . . . .	-	-	296,200	\$29,920	-	-
STEELHEAD TROUT . . . . .	49,100	8,244	-	-	-	-
STURGEON . . . . .	103,500	21,799	-	-	4,500	\$962
TOTAL . . . . .	4,295,600	849,893	296,200	29,920	4,500	962

SPECIES	LINES - CONTINUED			
	TROLL		DIP NETS	
	POUNDS	VALUE	POUNDS	VALUE
LINGCOD . . . . .	28,200	\$4,094	-	-
ROCKFISHES . . . . .	34,700	1,041	-	-
SALMON:				
CHINOOK OR KING . . . . .	434,700	116,065	1,140,100	\$238,287
CHUM OR KETA . . . . .	100	15	-	-
RED OR SOCKEYE . . . . .	-	-	24,900	5,778
SILVER OR COHO . . . . .	1,052,800	221,100	-	-
TOTAL . . . . .	1,487,600	337,180	1,165,000	244,065
SHAD . . . . .	-	-	800	49
SMELT, EULACHON . . . . .	-	-	2,745,400	109,816
STEELHEAD TROUT . . . . .	-	-	23,300	3,910
STURGEON . . . . .	100	20	37,900	7,617
TUNA, ALBACORE . . . . .	487,100	148,570	-	-
TOTAL . . . . .	2,037,700	490,905	3,972,400	365,457

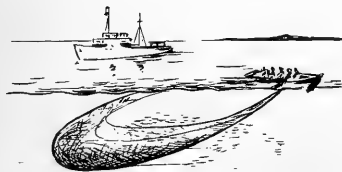
1/ THE FOLLOWING SPECIES LANDED IN THE COLUMBIA RIVER DISTRICT WERE CAUGHT OFF THE COAST: LINGCOD, ROCKFISHES, ALBACORE TUNA AND MOST OF THE TROLL CAUGHT SALMON.

NOTE: THE QUANTITIES REPRESENT THE ROUND WEIGHT OF THE CATCH OF FISH. THE POUNDAGE AND VALUE OF THE CATCH OF LINGCOD INCLUDES 789 POUNDS OF LIVERS VALUED AT \$2,367.

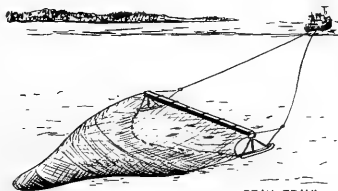
OREGON

CATCH BY DISTRICTS, 1948

SPECIES	COLUMBIA RIVER DISTRICT		COASTAL DISTRICT	
	POUNDS	VALUE	POUNDS	VALUE
FISH				
ANCHOVIES . . . . .	-	-	62,400	\$2,806
CARP . . . . .	600	\$17	-	-
COD, TRUE . . . . .	34,300	1,405	-	-
FLOUNDERS:				
SOLE . . . . .	9,695,200	523,574	1,999,300	103,999
OTHER . . . . .	1,497,500	49,477	232,700	6,756
GRAY FISH . . . . .	4,335,700	396,103	323,400	30,166
HAKE . . . . .	50,100	744	44,500	655
HALIBUT . . . . .	463,900	72,325	165,200	29,472
HERRING . . . . .	-	-	117,700	4,707
LAMPREY . . . . .	231,500	6,181	-	-
LINGCOD . . . . .	689,400	87,209	364,800	41,276
PERCH . . . . .	-	-	10,300	1,034
PILCHARD . . . . .	11,013,000	273,122	400	12
ROCK FISHES . . . . .	3,817,800	151,768	876,700	41,751
SABLE FISH . . . . .	248,500	33,584	457,700	73,617
SALMON:				
CHINOOK OR KING . . . . .	12,574,200	2,659,346	1,336,200	350,725
CHUM OR KETA . . . . .	664,100	79,701	923,300	123,728
RED OR SOCKEYE . . . . .	65,200	15,117	-	-
SILVER OR COHO . . . . .	1,329,600	269,990	1,921,900	412,145
TOTAL SALMON . . . . .	14,633,100	3,024,154	4,181,400	886,598
SHAD . . . . .				
	354,300	22,325	789,500	50,525
SHARKS:				
SOUPFIN . . . . .	360,100	359,684	48,000	47,731
OTHER . . . . .	171,000	5,338	23,200	726
SKATE . . . . .	36,300	93	9,700	33
SMELT:				
EULACHON . . . . .	930,300	80,251	-	-
SURF . . . . .	-	-	400	20
STEELHEAD TROUT . . . . .	1,321,600	222,022	102,600	23,095
STRIPED BASS . . . . .	-	-	116,600	11,660
STURGEON . . . . .	421,600	87,751	1,300	144
TUNA AND TUNALIKE FISHES:				
ALBACORE . . . . .	5,479,100	1,671,112	2,483,300	737,536
SKIPJACK . . . . .	1,782,500	205,266	-	-
YELLOWFIN . . . . .	7,702,900	969,071	-	-
TOTAL TUNA . . . . .	14,964,500	2,845,449	2,483,300	737,536
TOTAL . . . . .	65,270,300	8,242,576	12,411,100	2,094,320
SHELLFISH				
CRABS . . . . .	3,892,000	404,768	6,177,500	642,460
CRAWFISH, FRESH-WATER . . . . .	32,300	6,451	-	-
CLAMS:				
RAZOR . . . . .	-	-	88,900	52,917
MIXED . . . . .	-	-	30,300	7,587
OCTOPUS . . . . .	-	-	400	15
OYSTERS, MARKET, PACIFIC . . . . .	-	-	59,500	10,716
TOTAL . . . . .	3,924,300	411,219	6,356,600	713,695
GRAND TOTAL . . . . .	69,194,600	8,653,795	18,767,700	2,808,015



LAMPARA BAIT NET



BEAM TRAWL

## PACIFIC COAST FISHERIES

COLUMBIA RIVER DISTRICT OF OREGON: OPERATING UNITS BY GEAR, 1948 <sup>1/</sup>

ITEM	PURSE SEINES, PILCHARD <sup>2/</sup>	HAUL SEINES	GILL NETS				LINES	
			SALMON		SHARK	SMELT	TRAWL AND SET	TROLL SALMON
			DRIFT	SET				
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	
FISHERMEN:								
ON VESSELS . . . . .	175	-	-	-	101	-	50	268
ON BOATS AND SHORE . . . . .	-	245	714	109	6	73	28	184
TOTAL . . . . .	175	245	714	109	107	73	78	452
VESSELS, MOTOR . . . . .	15	-	-	-	25	-	13	122
NET TONNAGE . . . . .	1,032	-	-	-	467	-	208	1,329
BOATS:								
MOTOR . . . . .	-	12	632	79	3	73	21	115
OTHER . . . . .	-	29	-	30	-	-	4	-
ACCESSORY BOATS . . . . .	15	-	-	-	-	-	-	-
APPARATUS:								
NUMBER . . . . .	15	29	632	248	765	73	572	1,190
LENGTH, YARDS . . . . .	6,750	9,600	-	-	-	-	-	-
SQUARE YARDS . . . . .	-	-	2,022,000	69,400	666,700	27,375	-	-
HOOKS . . . . .	-	-	-	-	-	-	15,600	5,350

ITEM	LINES-CONT'D	OTTER TRAWLS	POUND NETS	DIP NETS	TRAPS		TOTAL, EXCLUSIVE OF DUPLICATION
	TROLL-CONT'D				CRAB	CRAWFISH	
	TUNA <sup>3/</sup>						
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	
FISHERMEN:							
ON VESSELS . . . . .	547	261	-	-	94	-	1,055
ON BOATS AND SHORE . . . . .	23	-	82	515	27	21	1,848
TOTAL . . . . .	570	261	82	515	121	21	2,903
VESSELS, MOTOR . . . . .	119	68	-	-	34	-	272
NET TONNAGE . . . . .	3,103	2,085	-	-	517	-	5,840
BOATS:							
MOTOR . . . . .	11	-	34	-	15	9	846
OTHER . . . . .	-	-	45	-	-	8	112
ACCESSORY BOATS . . . . .	-	-	-	-	-	-	15
APPARATUS:							
NUMBER . . . . .	790	68	49	515	8,450	1,050	-
YARDS AT MOUTH . . . . .	-	1,020	-	-	-	-	-
HOOKS . . . . .	790	-	-	-	-	-	-

<sup>1/</sup> STATISTICS IN THIS TABLE ON FISHING VESSELS INCLUDE CRAFT WHOSE HOME PORT IS IN THE COLUMBIA RIVER DISTRICT OF OREGON. ALL TYPES OF FISHING GEAR OPERATED BY THESE VESSELS HAVE BEEN INCLUDED ALTHOUGH IN SOME INSTANCES CERTAIN OF THE GEAR WERE OPERATED ONLY IN OTHER DISTRICTS. VESSELS, FISHERMEN, AND GEAR OPERATED IN THIS DISTRICT BUT HAVING THEIR HOME PORT IN OTHER DISTRICTS HAVE NOT BEEN INCLUDED, EXCEPT FOR THOSE OPERATED EXCLUSIVELY IN THE COLUMBIA RIVER DISTRICT OF OREGON.

<sup>2/</sup> IN ADDITION 7 VESSELS FROM PUGET SOUND HAVING A TOTAL NET TONNAGE OF 450 TONS AND MANNED BY 82 FISHERMEN ENGAGED IN THE OREGON PILCHARD FISHERY.

<sup>3/</sup> INCLUDES ONLY VESSELS THAT TROLLED OR FISHED EXCLUSIVELY FOR TUNA AND DID NOT TROLL FOR SALMON. MANY OF THE SALMON TROLLERS ALSO TROLLED FOR TUNA.



PACIFIC COAST FISHERIES

COLUMBIA RIVER DISTRICT OF OREGON: CATCH BY GEAR, 1948 1/

SPECIES	PURSE SEINES		HAUL SEINES		GILL NETS	
	POUNDS	VALUE	POUNDS	VALUE	SMELT	
					POUNDS	VALUE
CARP. . . . .	-	-	600	\$17	-	-
PILCHARD OR SARDINE . . . . .	11,013,000	\$273,122	-	-	-	-
SALMON:						
CHINOOK OR KING . . . . .	-	-	2,043,700	427,132	-	-
CHUM OR KETS. . . . .	-	-	108,200	12,986	-	-
RED OR SOCKEYE. . . . .	-	-	1,500	341	-	-
SILVER OR COHO. . . . .	-	-	180,400	36,082	-	-
TOTAL SALMON. . . . .	-	-	2,333,800	476,541	-	-
SHAD. . . . .	-	-	41,900	2,639	-	-
SMELT, EULACHON . . . . .	-	-	-	-	717,400	\$71,737
STEELHEAD TROUT . . . . .	-	-	433,300	72,788	-	-
STURGEON. . . . .	-	-	2,300	478	-	-
TUNA AND TUNALIKE FISHES:						
SKIPJACK . . . . .	1,672,900	137,866	-	-	-	-
YELLOWFIN . . . . .	6,748,900	807,665	-	-	-	-
TOTAL TUNA. . . . .	8,421,800	995,531	-	-	-	-
TOTAL . . . . .	19,434,800	1,268,653	2,811,900	552,463	717,400	71,737

SPECIES	GILL NETS - CONTINUED					
	SALMON				SHARK	
	DRIFT		SET		POUNDS	VALUE
	POUNDS	VALUE	POUNDS	VALUE		
FLOUNDERS:						
SOLE. . . . .	-	-	-	-	300	\$24
OTHER . . . . .	240,600	\$6,015	-	-	-	-
GRAY FISH 2/ . . . . .	-	-	-	-	19,500	1,775
LINGCOD . . . . .	-	-	-	-	25,200	6,343
ROCKFISHES . . . . .	-	-	-	-	1,900	113
SABLEFISH . . . . .	-	-	-	-	400	61
SALMON:						
CHINOOK OR KING . . . . .	7,864,200	1,643,621	183,500	\$38,360	-	-
CHUM OR KETA. . . . .	522,900	62,749	3,400	410	-	-
RED OR SOCKEYE. . . . .	29,800	6,906	6,600	1,535	-	-
SILVER OR COHO. . . . .	514,300	102,851	15,900	3,177	-	-
TOTAL SALMON. . . . .	8,931,200	1,816,127	209,400	43,482	-	-
SHAD. . . . .	293,800	18,512	14,400	910	-	-
SHARKS:						
SOUPFISH 2/ . . . . .	-	-	-	-	358,600	358,076
OTHER 2/ . . . . .	-	-	-	-	136,000	4,244
STEELHEAD TROUT . . . . .	482,300	81,025	20,000	3,367	-	-
STURGEON. . . . .	298,100	62,427	48,600	10,343	200	19
TOTAL . . . . .	10,246,000	1,984,106	292,400	58,102	542,100	370,660

SPECIES	LINES				OTTER TRAWLS	
	TRAWL, SET AND HAND		TROLL		POUNDS	VALUE
	POUNDS	VALUE	POUNDS	VALUE		
COD, TRUE . . . . .	-	-	-	-	34,300	\$1,405
FLOUNDERS:						
SOLE. . . . .	1,500	\$108	-	-	9,693,400	523,442
OTHER . . . . .	-	-	-	-	1,204,100	42,143
GRAY FISH 2/ . . . . .	3,300	304	1,600	\$152	4,311,300	393,872
HAKE 2/ . . . . .	-	-	-	-	50,100	744
HALIBUT . . . . .	462,700	72,175	1,200	150	-	-
LINGCOD . . . . .	56,700	8,387	22,800	2,935	583,000	69,462
ROCKFISHES . . . . .	22,700	1,339	19,600	882	3,773,600	149,434
SABLEFISH . . . . .	143,400	24,099	-	-	104,700	9,424
SALMON:						
CHINOOK OR KING . . . . .	-	-	539,600	144,085	-	-
SILVER OR COHO. . . . .	-	-	407,900	85,657	-	-
TOTAL SALMON. . . . .	-	-	947,500	229,742	-	-
SHAD. . . . .	-	-	100	7	-	-
SHARKS:						
SOUPFISH 2/ . . . . .	200	208	400	416	900	984
OTHER 2/ . . . . .	400	13	-	-	34,600	1,081
SKATE 2/ . . . . .	-	-	-	-	36,300	93
STEELHEAD TROUT . . . . .	-	-	200	36	-	-

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE.)

PACIFIC COAST FISHERIES

COLUMBIA RIVER DISTRICT OF OREGON: CATCH BY GEAR, 1948 1/ - Continued

SPECIES	LINES				OTTER TRAWLS	
	TRAWL, SET AND HAND		TROLL			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
STURGEON . . . . .	35,600	\$7,582	100	\$21	7,700	\$720
TUNA AND TUNALIKE FISHES:						
ALBACORE . . . . .	-	-	5,479,100	1,671,112	-	-
SKIPJACK . . . . .	109,600	17,400	-	-	-	-
YELLOWFIN . . . . .	954,000	161,406	-	-	-	-
TOTAL TUNA . . . . .	1,063,600	178,806	5,479,100	1,671,112	-	-
TOTAL . . . . .	1,790,100	293,021	6,472,600	1,905,453	19,834,000	1,192,804

SPECIES	POUND NETS		DIP NETS	
	POUNDS	VALUE	POUNDS	VALUE
FLOUNDERS, OTHER THAN SOLE . . . . .	52,800	\$1,319	-	-
LAMPREY . . . . .	-	-	231,500	\$6,181
SALMON:				
CHINOOK OR KING . . . . .	492,000	102,837	1,451,200	303,311
CHUM OR KETA . . . . .	29,600	3,556	-	-
RED DR SOCKEYE . . . . .	600	138	26,700	6,197
SILVER OR COHO . . . . .	210,400	42,087	700	136
TOTAL SALMON . . . . .	732,600	148,618	1,478,600	309,644
SHAD . . . . .	4,100	257	-	-
SMELT, EULACHON . . . . .	-	-	212,900	8,514
STEELHEAD TROUT . . . . .	223,000	37,458	162,800	27,348
STURGEON . . . . .	5,700	1,205	23,300	4,956
TOTAL . . . . .	1,018,200	189,857	2,109,100	356,643

SPECIES	TRAPS			
	CRAB		CRAWFISH	
	POUNDS	VALUE	POUNDS	VALUE
LINGCOD . . . . .	1,700	\$77	-	-
CRABS 3/ . . . . .	3,892,000	404,768	-	-
CRAWFISH . . . . .	-	-	32,300	\$6,451
TOTAL . . . . .	3,893,700	404,845	32,300	6,451

1/ OF THE ABOVE SPECIES THE FOLLOWING ARE TAKEN OFF THE OREGON AND WASHINGTON COASTS BUT LANDED IN THE COLUMBIA RIVER DISTRICT; TRUE COD, SOLE, GRAYFISH, HAKE, HALIBUT, LINGCOD, PILCHARD, ROCKFISHES, SABLEFISH, SHARK, SKATE, TUNA, CRABS AND SOME OF THE STURGEON. MOST OF THE FLOUNDERS AND TROLL CAUGHT SALMON ARE ALSO TAKEN IN COASTAL WATERS.

2/ CAUGHT ALMOST ENTIRELY FOR THE UTILIZATION OF THE LIVERS IN THE EXTRACTION OF VITAMIN OILS. MOST OF THE CARCASSES WERE DISCARDED.

3/ THE WEIGHT OF CRABS SHOWN IS BASED ON AN AVERAGE OF 25 POUNDS PER DOZEN.

NOTE: THE QUANTITIES SHOWN REPRESENT THE ROUND WEIGHT OF THE CATCH OF FISH AND SHELLFISH. THE POUNDAGE AND VALUE OF THE CATCH SHOWN ABOVE INCLUDES THE FOLLOWING ITEMS OF LIVERS AND VISCERA: COD LIVERS, 375 POUNDS, VALUE \$19; GRAYFISH LIVERS, 520,290 POUNDS, VALUE \$411,708; HAKE LIVERS, 1,617 POUNDS, VALUE \$744; HALIBUT LIVERS, 6,204 POUNDS, VALUE \$7,197; LINGCOD LIVERS, 15,388 POUNDS, VALUE \$47,703; ROCKFISH LIVERS, 1,000 POUNDS, VALUE \$86; SABLEFISH LIVERS, 5,296 POUNDS, VALUE \$9,533; SOUPFIN SHARK LIVERS, 43,222 POUNDS, VALUE \$359,606; OTHER SHARK LIVERS, 20,529 POUNDS, VALUE \$5,338; SKATE LIVERS, 1,451 POUNDS, VALUE \$93; AND HALIBUT, LINGCOD AND SABLEFISH VISCERA, 36,791 POUNDS, VALUE \$9,198.

COASTAL DISTRICT OF OREGON: OPERATING UNITS BY GEAR, 1948 1/

ITEM	HAUL SEINES	GILL NETS			LINES		
		SALMON		SHARK	TRAWL	TROLL	
		DRIFT	SET			SALMON	TUNA 2/
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS . . . . .	-	2	-	67	16	338	127
ON BOATS AND SHORE . . . . .	30	534	179	10	32	355	9
TOTAL . . . . .	30	536	179	77	48	693	136
VESSELS, MOTOR . . . . .	-	1	-	18	5	147	40
NET TONNAGE . . . . .	-	5	-	371	140	1,381	764
BOATS:							
MOTOR . . . . .	10	502	129	5	15	275	4
OTHER . . . . .	10	15	46	-	-	-	-
APPARATUS:							
NUMBER . . . . .	10	518	491	470	500	1,980	284
LENGTH YARDS . . . . .	1,700	-	-	-	-	-	-
SQUARE YARDS . . . . .	-	738,000	145,000	410,000	-	-	-
HOOKS . . . . .	-	-	-	10,000	8,900	-	284

PACIFIC COAST FISHERIES

COASTAL DISTRICT OF OREGON: OPERATING UNITS BY GEAR, 1948 <sup>1/</sup> - Continued

ITEM	OTTER TRAWLS	TRAPS, CRAB	TONGS AND BY HAND, OYSTER	DREDGES, OYSTER	SHOVELS	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN: ON VESSELS . . . . .	65	132	-	3	-	523
ON BOATS AND SHORE . . . . .	3	167	20	3	588	1,630
TOTAL . . . . .	68	299	20	6	588	2,153
VESSELS, MOTOR . . . . .	18	49	-	1	-	197
NET TONNAGE . . . . .	483	590	-	15	-	2,459
BOATS:						
MOTOR . . . . .	2	138	3	1	-	908
OTHER . . . . .	-	-	6	-	-	73
APPARATUS:						
NUMBER . . . . .	20	18,600	10	4	588	-
YARDS AT MOUTH . . . . .	300	-	-	8	-	-

<sup>1/</sup> STATISTICS IN THIS TABLE ON FISHING VESSELS INCLUDES CRAFT WHOSE HOME PORT IS IN THE COASTAL DISTRICT OF OREGON. ALL TYPES OF FISHING GEAR OPERATED BY THESE VESSELS HAVE BEEN INCLUDED ALTHOUGH IN SOME INSTANCES CERTAIN OF THE GEAR WERE OPERATED ONLY IN OTHER DISTRICTS. VESSELS, FISHERMEN AND GEAR OPERATED IN THIS DISTRICT BUT HAVING THEIR HOME PORT IN OTHER DISTRICTS HAVE NOT BEEN INCLUDED, EXCEPT FOR THOSE OPERATED EXCLUSIVELY IN THE COASTAL DISTRICT OF OREGON.

<sup>2/</sup> INCLUDES ONLY VESSELS THAT TROLLED OR FISHED EXCLUSIVELY FOR TUNA AND DID NOT TROLL FOR SALMON. MANY OF THE SALMON TROLLERS ALSO TROLLED FOR TUNA.

COASTAL DISTRICT OF OREGON: CATCH BY GEAR, 1948

SPECIES	HAUL SEINES		GILL NETS			
			SALMON		SHARK	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ANCHOVIES . . . . .	62,400	\$2,806	-	-	-	-
FLOUNDERs:						
SOLE . . . . .	-	-	-	-	1,600	\$84
OTHER . . . . .	5,700	165	2,000	\$68	100	2
GRAY FISH <sup>1/</sup> . . . . .	-	-	-	-	6,100	554
HERRING . . . . .	117,700	4,707	-	-	-	-
LINGCOD . . . . .	-	-	-	-	12,900	1,573
PERCH . . . . .	7,900	789	2,400	245	-	-
PILCHARD . . . . .	400	12	-	-	-	-
ROCKFISHES . . . . .	-	-	-	-	3,600	214
SALMON:						
CHINOOK OR KING . . . . .	-	-	351,600	81,930	-	-
CHUM OR KETA . . . . .	-	-	923,300	123,728	-	-
SILVER OR COHO . . . . .	-	-	989,300	226,559	-	-
TOTAL SALMON . . . . .	-	-	2,264,200	432,217	-	-
SHAD . . . . .	-	-	789,500	50,525	-	-
SHARKs:						
SOUPFIN <sup>1/</sup> . . . . .	-	-	-	-	46,300	46,201
OTHER <sup>1/</sup> . . . . .	-	-	-	-	20,800	650
SMELT, SURF . . . . .	400	20	-	-	-	-
STEELHEAD TROUT . . . . .	-	-	102,500	23,073	-	-
STRIPED BASS . . . . .	-	-	101,400	10,143	-	-
STURGEON . . . . .	-	-	900	110	100	10
TOTAL . . . . .	194,500	8,499	3,262,900	516,381	91,500	49,288

SPECIES	LINES				OTTER TRAWLS	
	TRAWL AND SET		TROLL		POUNDS	VALUE
	POUNDS	VALUE	POUNDS	VALUE		
FLOUNDERs:						
SOLE . . . . .	1,700	\$119	100	\$8	1,995,900	\$103,788
OTHER . . . . .	1,600	47	-	-	223,300	6,474
GRAY FISH <sup>1/</sup> . . . . .	4,300	392	2,500	228	310,500	28,992
HAKE <sup>1/</sup> . . . . .	-	-	-	-	44,500	656
HALIBUT . . . . .	153,600	27,964	11,600	1,508	-	-
LINGCOD . . . . .	20,200	2,862	172,900	18,577	157,900	18,219
ROCKFISHES . . . . .	80,500	4,831	74,400	2,231	718,200	34,475
SABLEFISH . . . . .	421,300	70,357	-	-	36,400	3,260

(CONTINUED ON NEXT PAGE)

## PACIFIC COAST FISHERIES

## COASTAL DISTRICT OF OREGON: CATCH BY GEAR, 1948 - Continued

SPECIES	LINES					
	TRAWL AND SET		TROLL		OTTER TRAWLS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
SALMON:						
CHINOOK OR KING . . . . .	-	-	984,600	\$268,795	-	-
SILVER OR COHO . . . . .	-	-	932,600	185,586	-	-
TOTAL SALMON . . . . .	-	-	1,917,200	454,381	-	-
SHARKS:						
SOUPFIN 1/ . . . . .	100	\$89	500	441	1,100	\$1,000
OTHER 1/ . . . . .	300	9	100	4	2,000	63
SKATE 1/ . . . . .	-	-	-	-	9,700	33
STEELHEAD TROUT . . . . .	-	-	100	22	-	-
STRIPED BASS . . . . .	-	-	15,200	1,517	-	-
STURGEON . . . . .	-	-	-	-	300	24
TUNA, ALBACORE . . . . .	-	-	2,483,300	737,536	-	-
OCTOPUS . . . . .	-	-	-	-	400	15
TOTAL . . . . .	683,600	106,670	4,677,900	1,216,453	3,500,100	196,999
SPECIES	TRAPS, CRAB		DREDGES, BY HAND AND TONGS		SHOVELS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
LINGCOD . . . . .	1,000	\$45	-	-	-	-
CRABS 2/ . . . . .	6,177,500	642,460	-	-	-	-
CLAMS:						
RAZOR 3/ . . . . .	-	-	-	-	88,900	\$52,917
MIXED 3/ . . . . .	-	-	-	-	30,300	7,587
OYSTERS, MARKET, PACIFIC 5/ . . . . .	-	-	59,500	\$10,716	-	-
TOTAL . . . . .	6,178,500	642,505	59,500	10,716	119,200	60,504

1/ CAUGHT ALMOST ENTIRELY FOR THE UTILIZATION OF THE LIVERS IN THE EXTRACTION OF VITAMIN OILS. MOST OF THE CARCASSES WERE DISCARDED.

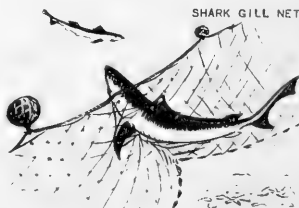
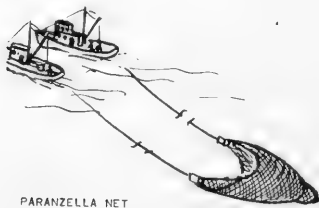
2/ THE WEIGHT OF CRABS SHOWN IS BASED ON AN AVERAGE OF 25 POUNDS PER DOZEN.

3/ THE WEIGHT OF RAZOR CLAMS IS THAT OF EDIBLE MEATS, BASED ON A YIELD OF 42 PERCENT OF THE ROUND WEIGHT.

4/ MIXED CLAMS CONSIST PRINCIPALLY OF EASTERN SOFT SHELL CLAMS. THE WEIGHT SHOWN IS THAT OF EDIBLE MEATS. BASED ON A YIELD OF 21 PERCENT OF THE ROUND WEIGHT.

5/ THE STATISTICS ON OYSTERS USED IN THIS TABLE ARE BASED ON A YIELD OF 12 PERCENT OF EDIBLE MEATS.

NOTE: THE QUANTITIES SHOWN REPRESENT THE ROUND WEIGHT OF THE CATCH OF FISH AND SHELLFISH EXCEPT FOR BIVALVE MOLLUSKS, WHICH ARE REPORTED IN POUNDS OF MEATS. THE POUNDAGE AND VALUE OF THE CATCH SHOWN ABOVE INCLUDES THE FOLLOWING ITEMS OF LIVERS AND VISCERA: GRAYFISH LIVERS, 38,808 POUNDS, VALUE \$29,494; HAKE LIVERS, 1,425 POUNDS, VALUE \$656; HALIBUT LIVERS, 2,212 POUNDS, VALUE \$2,566; LINGCOD LIVERS, 8,455 POUNDS, VALUE \$25,365; ROCKFISH LIVERS, 1,764 POUNDS, VALUE \$1,499; SABLEFISH LIVERS, 12,227 POUNDS, VALUE \$22,009; SKATE LIVERS, 388 POUNDS, VALUE \$25; SOUPFIN SHARK LIVERS, 5,753 POUNDS, VALUE \$47,731; OTHER SHARK LIVERS, 2,789 POUNDS, VALUE \$726; AND HALIBUT, LINGCOD AND SABLEFISH VISCERA, 29,574 POUNDS, VALUE \$7,393.





**PACIFIC COAST FISHERIES  
CALIFORNIA**

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**CATCH BY DISTRICTS, 1948**

SPECIES	NORTHERN DISTRICT		SAN FRANCISCO DISTRICT		MONTEREY DISTRICT	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
<b>FISH</b>						
ANCHOVIES . . . . .	13,600	\$558	380,300	\$8,062	7,255,600	\$258,301
CABEZONE . . . . .	800	23	400	13	5,900	197
CARP . . . . .	-	-	330,200	19,129	-	-
CATFISH . . . . .	-	-	274,700	49,494	-	-
<b>FLOUNDERS:</b>						
"CALIFORNIA HALIBUT"	-	-	14,200	2,462	81,000	16,771
"SOLE" . . . . .	16,066,100	832,225	4,546,200	241,857	382,400	25,661
OTHER . . . . .	433,800	20,649	754,000	36,893	95,300	6,378
HAKE . . . . .	500	125	3,800	42	800	216
HALIBUT . . . . .	54,800	12,342	69,200	12,037	-	-
HARDHEAD . . . . .	-	-	24,400	7,123	-	-
JACK MACKEREL . . . . .	120,500	3,013	7,441,200	142,053	438,600	11,272
KINGFISH . . . . .	-	-	5,200	299	8,887,700	273,731
LINGCOD . . . . .	1,668,600	138,949	284,300	23,543	213,700	11,647
MACKEREL . . . . .	-	-	2,500	74	153,400	6,473
PERCH . . . . .	62,100	6,837	87,400	14,039	38,500	3,608
PILCHARD OR SARDINE . . . . .	7,300	867	229,800	6,297	95,514,000	3,161,514
POMPANO . . . . .	-	-	800	250	107,700	33,774
ROCKFISHES . . . . .	3,952,200	182,199	271,100	21,067	1,649,600	119,949
SABLEFISH . . . . .	1,753,100	158,479	23,800	917	244,600	10,715
SALMON . . . . .	4,034,000	1,093,211	3,484,300	846,879	230,300	63,503
<b>SEA BASS:</b>						
BLACK . . . . .	-	-	-	-	300	22
WHITE . . . . .	500	134	5,700	1,333	48,100	10,212
SHAD . . . . .	100	6	426,400	27,185	-	-
SHARKS, INCLUDING GRAYFISH . . . . .	643,900	160,974	202,000	613,247	855,600	18,311
SKATES . . . . .	7,200	184	88,000	1,162	5,200	146
SLEET . . . . .	29,100	2,463	427,300	26,449	166,400	9,687
SPLITTAIL . . . . .	-	-	1,400	108	-	-
SWORDFISH . . . . .	-	-	-	-	700	332
<b>TUNA AND TUNALIKE FISHES:</b>						
ALBACORE . . . . .	732,400	204,272	668,200	184,157	1,961,800	517,321
SKIPJACK OR STRIPED . . . . .	-	-	-	-	200	29
<b>TOTAL TUNA . . . . .</b>	<b>732,400</b>	<b>204,272</b>	<b>668,200</b>	<b>184,157</b>	<b>1,962,000</b>	<b>517,350</b>
WHITEBAIT . . . . .	166,100	17,403	56,200	6,794	200	28
UNCLASSIFIED . . . . .	33,300	1,668	67,500	1,038	600	12
<b>TOTAL . . . . .</b>	<b>29,780,000</b>	<b>2,836,581</b>	<b>20,170,500</b>	<b>2,294,003</b>	<b>118,419,800</b>	<b>4,557,129</b>
<b>SHELLFISH</b>						
CRABS, DUNGENESS . . . . .	5,856,100	614,859	5,903,900	627,434	51,900	8,885
SHRIMP . . . . .	-	-	926,700	56,159	2,800	1,108
ABALONE . . . . .	-	-	8,300	6,093	7,000	5,256
<b>CLAMS:</b>						
HARD . . . . .	1,600	748	-	-	1,100	482
SOFT . . . . .	-	-	300	64	-	-
OCTOPUS . . . . .	44,200	2,381	50,500	3,442	25,400	3,524
<b>OYSTERS, MARKET:</b>						
EASTERN . . . . .	-	-	46,400	51,633	-	-
PACIFIC . . . . .	-	-	1,400	1,363	-	-
<b>TOTAL OYSTERS . . . . .</b>	<b>-</b>	<b>-</b>	<b>47,800</b>	<b>52,996</b>	<b>-</b>	<b>-</b>
SQUID . . . . .	-	-	-	-	19,115,200	514,199
<b>TOTAL . . . . .</b>	<b>5,901,900</b>	<b>617,988</b>	<b>6,937,500</b>	<b>746,188</b>	<b>19,203,400</b>	<b>533,454</b>
<b>WHALE PRODUCTS</b>						
MEAL, WHALE AND WHALE BONE . . . . .	238,000	7,720	-	-	-	-
OIL, WHALE . . . . .	413,300	61,719	-	-	-	-
SPERM . . . . .	467,500	66,071	-	-	-	-
OTHER . . . . .	59,600	12,935	-	-	-	-
<b>TOTAL . . . . .</b>	<b>1,178,400</b>	<b>148,445</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>GRAND TOTAL . . . . .</b>	<b>36,860,300</b>	<b>3,603,014</b>	<b>27,108,000</b>	<b>3,040,191</b>	<b>137,623,200</b>	<b>5,100,583</b>

(CONTINUED ON NEXT PAGE)

## PACIFIC COAST FISHERIES

## CALIFORNIA: CATCH BY DISTRICTS, 1948 - Continued

SPECIES	SAN PEDRO DISTRICT					
	OFF CALIFORNIA		OFF LATIN AMERICA		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FISH						
ANCHOVIES . . . . .	3,176,600	\$80,627	-	-	3,176,600	\$80,627
BARRACUDA . . . . .	545,300	102,251	767,500	\$128,548	1,312,800	230,799
CABEZONE . . . . .	1,100	149	-	-	1,100	149
CABRILLA . . . . .	-	-	212,600	32,170	212,600	32,170
CARP . . . . .	84,500	2,534	-	-	84,500	2,534
FLOUNDERS:						
"CALIFORNIA HALIBUT"	854,000	173,046	29,200	6,560	883,200	179,606
"SOLE" . . . . .	659,600	38,896	-	-	659,600	38,896
OTHER . . . . .	41,400	4,617	-	-	41,400	4,617
FLYING FISH . . . . .	71,000	5,265	-	-	71,000	5,265
GROUPERS . . . . .	-	-	170,800	34,583	170,800	34,583
HERRING, SEA . . . . .	100	12	-	-	100	12
JACK MACKEREL . . . . .	63,979,800	1,861,812	-	-	63,979,800	1,861,812
KINGFISH . . . . .	395,200	22,859	-	-	395,200	22,859
LINGCOD . . . . .	12,500	1,357	900	130	13,400	1,487
MACKEREL . . . . .	38,824,600	1,356,811	-	-	38,824,600	1,356,811
PERCH . . . . .	116,900	22,888	-	-	116,900	22,888
PILCHARD OR SARDINE . . . . .	258,281,100	7,414,668	-	-	258,281,100	7,414,668
POMPANO . . . . .	51,700	8,701	-	-	51,700	8,701
ROCK BASS . . . . .	101,200	16,189	3,500	588	104,700	16,777
ROCKFISHES . . . . .	520,700	58,675	21,300	2,423	542,000	61,098
SABLEFISH . . . . .	45,900	4,847	-	-	45,900	4,847
SALMON . . . . .	20,500	5,767	-	-	20,500	5,767
SCULPIN . . . . .	123,600	22,420	-	-	123,600	22,420
SEA BASS:						
BLACK . . . . .	12,000	1,716	104,200	17,892	116,200	19,608
WHITE . . . . .	664,100	159,378	156,500	41,693	820,600	201,071
SHARKS, INCLUDING GRAYFISH . . . . .	638,700	247,994	200	42	638,900	248,036
SHEEPSHEAD . . . . .	72,700	5,980	3,300	294	76,000	6,274
SKATES . . . . .	18,700	1,105	-	-	18,700	1,105
SMELTS . . . . .	157,800	14,461	-	-	157,800	14,461
SPANISH MACKEREL . . . . .	-	-	4,500	399	4,500	399
SUCKERS . . . . .	2,200	66	-	-	2,200	66
SWORDFISH . . . . .	760,600	254,599	36,000	11,859	796,600	266,458
TUNA AND TUNALIKE FISHES:						
ALBACORE . . . . .	2,500,700	703,646	5,653,500	1,605,580	8,154,200	2,309,226
BLUEFIN . . . . .	1,692,300	284,277	4,741,500	796,583	6,433,800	1,080,860
BONITO . . . . .	68,800	8,064	8,608,100	1,004,529	8,676,900	1,012,593
SKIPJACK OR STRIPED . . . . .	153,700	24,335	13,825,300	2,189,937	13,979,000	2,214,272
YELLOWFIN . . . . .	-	-	62,629,500	10,557,446	62,629,500	10,557,446
TOTAL TUNA . . . . .	4,415,500	1,020,322	95,457,900	16,154,075	99,873,400	17,174,397
WHITEFISH . . . . .	23,200	2,736	4,000	473	27,200	3,209
YELLOWTAIL . . . . .	88,600	9,975	7,610,200	856,903	7,698,800	866,883
UNCLASSIFIED . . . . .	99,000	6,785	1,100	73	100,100	6,858
TOTAL . . . . .	374,860,400	12,929,508	104,583,700	17,288,710	479,444,100	30,218,218
SHELLFISH						
CRABS:						
DUNGNESS . . . . .	6,400	730	-	-	6,400	730
ROCK . . . . .	20,900	2,115	-	-	20,900	2,115
LOBSTERS, SPINY . . . . .	449,300	191,492	-	-	449,300	191,492
ABALONE . . . . .	621,800	355,256	-	-	621,800	355,256
CLAMS, HARD . . . . .	100	14	-	-	100	14
OCTOPUS . . . . .	600	92	-	-	600	92
OYSTERS, MARKET, PACIFIC . . . . .	18,600	10,366	-	-	18,600	10,366
SQUID . . . . .	140,500	3,968	-	-	140,500	3,968
TOTAL . . . . .	1,258,200	564,033	-	-	1,258,200	564,033
GRAND TOTAL . . . . .	376,118,600	13,493,541	104,583,700	17,288,710	480,702,300	30,782,251
SPECIES	SAN DIEGO DISTRICT					
	OFF CALIFORNIA		OFF LATIN AMERICA		TOTAL	
FISH	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ANCHOVIES . . . . .	9,800	\$379	-	-	9,800	\$379
BARRACUDA . . . . .	554,800	67,462	258,100	\$31,387	812,900	98,849
CABRILLA . . . . .	-	-	18,100	2,185	18,100	2,185
CARP . . . . .	5,900	471	-	-	5,900	471

(CONTINUED ON NEXT PAGE)

CALIFORNIA: CATCH BY DISTRICTS, 1948 - Continued

SPECIES	SAN DIEGO DISTRICT - CONTINUED					
	OFF CALIFORNIA		OFF LATIN AMERICA		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FISH, CONTINUED						
FLOUNDERS:						
"CALIFORNIA HALIBUT"	97,800	\$20,468	236,300	\$49,431	334,100	\$69,899
"SOLE"	600	86	-	-	600	86
OTHER	100	23	-	-	100	23
GROUPERS	-	-	184,500	25,262	184,500	25,262
HERRING, SEA	100	6	-	-	100	6
JACK MACKEREL	30,800	798	-	-	30,800	798
KINGFISH	28,900	2,749	100	9	29,000	2,758
LINGCOD	4,100	447	3,500	393	7,600	840
MACKEREL	405,300	17,226	-	-	405,300	17,226
MULLET	45,400	4,334	-	-	45,400	4,334
PERCH	300	55	-	-	300	55
PILCHARD OR SARDINE	8,004,900	148,891	-	-	8,004,900	148,891
POMPANO	400	82	-	-	400	82
ROCK BASS	36,200	4,153	23,400	2,693	59,600	6,846
ROCKFISHES	53,200	5,115	39,100	3,759	92,300	8,874
SABLEFISH	100	-	1,000	41	1,000	41
SALMON	31,100	4,243	400	53	31,500	4,296
SCULPIN	-	-	-	-	-	-
SEA BASS:						
BLACK	4,300	939	67,200	10,114	71,500	11,053
WHITE	71,300	16,402	168,100	38,652	239,400	55,054
SHARKS, INCLUDING GRAYFISH	133,800	10,247	6,400	491	140,200	10,738
SHEEPSHEAD	14,700	1,406	9,500	673	24,200	2,079
SMELT	1,200	114	300	23	1,500	137
SPANISH MACKEREL	-	-	20,000	1,321	20,000	1,321
SWORDFISH	116,400	32,312	200,100	55,568	316,500	87,880
TUNA AND TUNALIKE FISHES:						
ALBACORE	4,691,400	1,406,719	20,273,000	6,078,862	24,964,400	7,485,581
BLUEFIN	1,500	243	93,500	15,275	95,000	15,518
BONITO	146,200	15,634	312,000	33,351	458,200	48,985
SKIPJACK OR STRIPED	165,300	26,260	44,627,200	7,088,185	44,792,500	7,114,445
YELLOWFIN	400	70	129,093,900	21,879,351	129,094,300	21,879,421
TOTAL TUNA	5,004,800	1,448,926	194,399,600	35,095,024	199,404,400	36,543,950
WHITEFISH	1,100	101	13,600	1,248	14,700	1,349
YELLOWTAIL	158,000	17,013	2,588,900	278,825	2,746,900	295,838
UNCLASSIFIED	2,300	389	4,400	716	6,700	1,105
TOTAL	14,817,700	1,804,878	198,242,600	35,597,868	213,060,300	37,402,746
SHELLFISH						
LOBSTERS, SPINY	114,200	37,612	-	-	114,200	37,612
SHRIMP	1,300	1,004	-	-	1,300	1,004
ABALONE	8,600	4,295	-	-	8,600	4,295
CLAMS:						
HARD	13,700	11,564	-	-	13,700	11,564
SOFT	100	62	-	-	100	62
MUSSELS	500	150	-	-	500	150
TOTAL	138,400	54,687	-	-	138,400	54,687
GRAND TOTAL	14,956,100	1,859,565	198,242,600	35,597,868	213,198,700	37,457,433

CALIFORNIA: CATCH BY WATERS, 1948

SPECIES	OFF CALIFORNIA		OFF LATIN AMERICA	
	POUNDS	VALUE	POUNDS	VALUE
FISH				
ANCHOVIES	10,835,900	\$347,927	-	-
BARRACUDA	1,100,100	169,713	1,025,600	\$159,935
CABEZONE	8,200	382	-	-
CABRILLA	-	-	230,700	34,355
CARP	420,600	22,134	-	-
CATFISH	274,700	49,494	-	-
FLOUNDERS:				
"CALIFORNIA HALIBUT"	1,047,000	212,747	265,500	55,991
"SOLE"	21,654,900	1,138,725	-	-
OTHER	1,324,600	68,560	-	-
FLYINGFISH	71,000	5,265	-	-
GROUPERS	-	-	355,300	59,845
HAKE	5,100	383	-	-

(CONTINUED ON NEXT PAGE)

## PACIFIC COAST FISHERIES

## CALIFORNIA: CATCH BY WATERS, 1948 - Continued

SPECIES	OFF CALIFORNIA		OFF LATIN AMERICA	
	POUNDS	VALUE	POUNDS	VALUE
FISH - CONTINUED				
HALIBUT	124,000	\$24,379	-	-
HARDHEAD	24,400	7,123	-	-
HERRING, SEA	8,000,500	156,356	-	-
JACK MACKEREL	72,898,300	2,136,341	-	-
KINGFISH	643,000	37,554	100	\$9
LINGCOD	2,051,100	171,605	4,400	523
MACKEREL	39,385,800	1,380,584	-	-
MULLET	45,400	4,334	-	-
PERCH	305,200	47,427	-	-
PILCHARD OR SARDINE	362,037,100	10,732,237	-	-
POMPANO	160,600	42,807	-	-
ROCK BASS	137,400	20,342	26,900	3,281
ROCKFISHES	6,446,800	387,005	60,400	6,182
SABLEFISH	2,067,400	174,958	1,000	41
SALMON	7,769,200	2,009,401	-	-
SCULPIN	154,700	26,663	400	53
SEA BASS:				
BLACK	16,600	2,677	171,400	28,006
WHITE	789,700	187,459	324,600	80,345
SHAD	426,500	27,191	-	-
SHARKS, INCLUDING GRAYFISH	2,474,000	1,060,773	6,600	533
SHEEPSHEAD	87,400	7,386	12,800	967
SKATES	119,100	2,597	-	-
SHELT	781,800	53,174	300	23
SPANISH MACKEREL	-	-	24,500	1,720
SPLITTAIL	1,400	108	-	-
SUCKERS	2,200	66	-	-
SWORDFISH	877,700	287,243	236,100	67,427
TUNA AND TUNALIKE FISHES:				
ALBACORE	10,554,500	3,016,115	25,926,500	7,684,442
BLUEFIN	1,693,800	284,520	4,835,000	811,858
BONITO	215,000	23,698	8,920,100	1,037,880
SKIPJACK OR STRIPED	319,200	50,624	58,452,500	9,278,122
YELLOWFIN	400	70	191,723,400	32,436,797
TOTAL TUNA	12,782,900	3,375,027	289,857,500	51,249,099
WHITEBAIT	222,500	24,225	-	-
WHITEFISH	24,300	2,837	17,600	1,721
YELLOWTAIL	246,600	26,988	10,199,100	1,135,733
UNCLASSIFIED	202,700	9,902	5,500	789
TOTAL	558,048,400	24,432,099	302,826,300	52,886,578
SHELLFISH				
CRABS:				
DUNGENESS	11,818,300	1,251,908	-	-
ROCK	20,900	2,115	-	-
LOBSTERS, SPINY	563,500	229,104	-	-
SHRIMP	930,800	58,271	-	-
ABALONE	645,700	370,900	-	-
CLAMS:				
HARD	16,500	12,808	-	-
SOFT	400	126	-	-
MUSSELS	500	150	-	-
OCTOPUS	120,700	9,439	-	-
OYSTERS, MARKET:				
EASTERN	46,400	51,633	-	-
PACIFIC	20,000	11,729	-	-
TOTAL OYSTERS	66,400	63,362	-	-
SQUID	19,255,700	518,167	-	-
TOTAL	33,439,400	2,516,350	-	-
WHALE PRODUCTS				
MEAL, WHALE AND WHALE BONE	238,000	7,720	-	-
OIL:				
WHALE	413,300	61,719	-	-
SPERM	467,500	66,071	-	-
OTHER	59,600	12,935	-	-
TOTAL	1,178,400	148,445	-	-
GRAND TOTAL	592,666,200	27,096,894	302,826,300	52,886,578

## LANDINGS BY HALIBUT FLEET AT SEATTLE, WASH.

During 1948, landings of halibut, lingcod, rockfishes, and sablefish at Seattle, Washington, by the United States halibut fleet amounted to 11,173,428 pounds, valued at \$2,175,663 to the fishermen. In addition, a total of 667,990 pounds of assorted fish livers and viscera, valued at \$844,592, was landed by these vessels. The combined landings were 52 percent larger than in 1947, and the value showed an increase of 34 percent over that of the previous year.

All landings reported in the following tables are reported as dressed weight, and consequently are not directly comparable with data contained in the sectional and state catch tables. A summary of the 1948 landings at Seattle by the United States halibut fleet is found below.

For additional information on the Pacific Coast halibut fishery, the reader is referred to Section 12 of this Digest, entitled 'Review of Certain Major Fisheries'

LANDINGS BY HALIBUT FLEET AT SEATTLE BY FISHING GROUNDS, 1948 <sup>1/</sup>

FISHING GROUNDS	TRIPS	HALIBUT				LINGCOD	
		NO. 1		NO. 2		POUNDS	VALUE
		NUMBER	POUNDS	VALUE	POUNDS		
WEST OF CAPE SPENCER . . . . .	138	3,437,604	\$802,341	2,833,023	\$576,091	-	-
SOUTH OF CAPE SPENCER . . . . .	323	1,540,028	330,643	1,269,083	170,510	491,683	\$53,744
TOTAL, 1948. . . . .	461	4,977,632	1,132,984	4,102,106	746,601	491,683	53,744
TOTAL, 1947. . . . .	306	2,681,366	702,220	2,731,247	619,826	315,302	32,919

FISHING GROUNDS	ROCKFISHES		SABLEFISH		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
WEST OF CAPE SPENCER . . . . .	-	-	1,493	\$161	6,272,120	\$1,378,593
SOUTH OF CAPE SPENCER . . . . .	229,698	\$14,387	1,370,816	227,786	4,901,308	797,070
TOTAL, 1948. . . . .	229,698	14,387	1,372,309	227,947	11,173,428	2,175,663
TOTAL, 1947. . . . .	165,101	11,873	1,305,601	153,227	7,198,617	1,520,065

<sup>1/</sup> IN ADDITION, VESSELS OF THE SEATTLE HALIBUT FLEET LANDED THE FOLLOWING QUANTITIES OF FISH LIVERS DURING 1948: GRAYFISH (DOG FISH), 56,332 POUNDS, VALUED AT \$29,293; HALIBUT, 161,619 POUNDS, VALUED AT \$274,752; LINGCOD, 20,651 POUNDS, VALUED AT \$28,911; SABLEFISH, 64,892 POUNDS, VALUED AT \$85,083; SOUPFIN SHARK, 46,311 POUNDS, VALUED AT \$284,413; AND MISCELLANEOUS LIVERS AND VISCERA, 328,185 POUNDS, VALUED AT \$142,140, A TOTAL OF 667,990 POUNDS, VALUED AT \$844,592 TO THE FISHERMEN.

LANDINGS BY HALIBUT FLEET AT SEATTLE BY MONTHS, 1948 <sup>1/</sup>

MONTHS	TRIPS	HALIBUT				LINGCOD	
		NO. 1		NO. 2		POUNDS	VALUE
		NUMBER	POUNDS	VALUE	POUNDS		
JANUARY . . . . .	19	-	-	-	-	113,820	\$13,373
FEBRUARY . . . . .	19	-	-	-	-	97,334	11,512
MARCH . . . . .	18	-	-	-	-	102,122	12,537
APRIL . . . . .	3	-	-	-	-	18,431	2,553
MAY . . . . .	103	2,041,144	\$406,093	1,458,031	\$210,863	29,967	1,696
JUNE . . . . .	76	1,453,106	358,299	1,063,764	215,441	16,474	1,030
JULY . . . . .	88	1,368,515	333,761	1,567,526	316,457	99	6
AUGUST . . . . .	20	22,536	7,024	946	287	643	39
SEPTEMBER . . . . .	31	25,314	7,684	5,317	1,595	3,994	230
OCTOBER . . . . .	50	47,476	14,261	5,275	1,584	7,272	367
NOVEMBER . . . . .	23	19,541	5,862	1,247	374	15,391	1,670
DECEMBER . . . . .	11	-	-	-	-	86,136	8,731
TOTAL, 1948. . . . .	461	4,977,632	1,132,984	4,102,106	746,601	491,683	53,744
TOTAL, 1947. . . . .	306	2,681,366	702,220	2,731,247	619,826	315,302	32,919
1948 COMPARED WITH 1947. . . . .	+51	+86	+62	+50	+20	+56	+63

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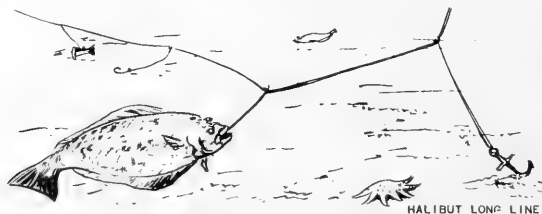
## PACIFIC COAST FISHERIES

## LANDINGS BY HALIBUT FLEET AT SEATTLE BY MONTHS, 1948 - Continued

MONTHS	ROCKFISHES		SABLEFISH		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
JANUARY . . . . .	19,727	\$2,010	-	-	133,547	\$15,383
FEBRUARY . . . . .	23,349	1,796	-	-	120,683	13,308
MARCH . . . . .	37,280	2,581	8,222	\$1,061	147,624	16,179
APRIL . . . . .	16,823	1,209	-	-	35,254	3,762
MAY . . . . .	9,759	542	2,951	373	3,541,852	619,567
JUNE . . . . .	4,939	271	54,334	9,281	2,592,617	584,322
JULY . . . . .	8,348	498	86,764	15,793	3,031,252	666,515
AUGUST . . . . .	12,177	625	274,924	48,928	311,226	56,903
SEPTEMBER . . . . .	15,699	787	296,677	51,120	347,001	61,416
OCTOBER . . . . .	56,829	2,854	473,530	74,505	590,382	93,571
NOVEMBER . . . . .	16,102	805	163,860	25,201	216,141	33,912
DECEMBER . . . . .	8,666	409	11,047	1,685	105,849	10,825
TOTAL, 1948. . . . .	229,698	14,387	1,372,309	227,947	11,173,428	2,175,663
TOTAL, 1947. . . . .	165,101	11,873	1,305,601	153,227	7,198,617	1,520,065
1948 COMPARED WITH 1947. . . . .	+39	+21	+5	+49	+55	+43

1/ IN ADDITION, VESSELS OF THE SEATTLE HALIBUT FLEET LANDED THE FOLLOWING QUANTITIES OF FISH LIVERS DURING 1948: GRAYFISH (DOGFISH), 56,332 POUNDS, VALUED AT \$29,293; HALIBUT, 161,619 POUNDS, VALUED AT \$274,752; LINGCOD, 20,651 POUNDS, VALUED AT \$28,911; SABLEFISH, 54,892 POUNDS, VALUED AT \$85,083; SOUFFIN SHARK, 46,311 POUNDS, VALUED AT \$284,413; AND MISCELLANEOUS LIVERS AND VISCERA, 328,185 POUNDS, VALUED AT \$142,140, A TOTAL OF 667,990 POUNDS, VALUED AT \$844,592 TO THE FISHERMEN.

NOTE:--THE 1948 HALIBUT FISHING SEASON OPENED ON MAY 1; SOUTH OF CAPE SPENCER (AREA 11) CLOSED ON JUNE 1, AND WEST OF CAPE SPENCER (AREA 111) CLOSED ON JULY 11, A TOTAL OF 72 FISHING DAYS, THE SHORTEST PERIOD ON RECORD. IN 1947, THE PREVIOUS SHORTEST PERIOD, FISHING LASTED A TOTAL OF 109 DAYS AND CLOSED ON AUGUST 17.



## RECEIPTS BY SEATTLE WHOLESALE DEALERS

Landings and wholesale receipts, including imports, of fresh and frozen fish, shellfish, livers and viscera, received by Seattle dealers during 1948, totaled 83,101,194 pounds, valued at \$16,499,197. This represented an increase of 6 percent in volume and 4 percent in value compared with 1947. The volume was the second largest since complete records were first obtained in 1939 and was exceeded only by the peak yield in 1945 when 89,551,236 pounds were received. The 1948 value was the greatest on record.

The waters of Washington and Oregon were again the principal sources of supply, contributing 60 percent of the total receipts. British Columbia was second, supplying 20 percent; and Alaska third, with 18 percent. Other sources supplied the remaining 2 percent.

The following table contains information on the receipts by species, origin and condition of the various species for 1948. More detailed information on these receipts can be obtained from the daily and monthly reports issued by the Service's Seattle Market News office.

ISHERY PRODUCTS RECEIVED BY SEATTLE WHOLESALE DEALERS, 1948

ITEM			POUNDS	APPROXIMATE VALUE
FISH				
CARP, LOCAL . . . . .	OTHER	ROUND	9,264	\$741
COD, LOCAL . . . . .	EX-VESSEL	DRESSED	789,511	47,371
COD, LOCAL . . . . .	EX-VESSEL	ROUND	1,406,368	56,263
COD, LOCAL . . . . .	OTHER		33,536	1,677
COD, ALASKA, FROZEN . . . . .	DO		400	20
TOTAL COD . . . . .			2,230,015	105,331
DOLLY VARDEN TROUT, ALASKA, FROZEN . . . . .	DO		30,082	6,016
FLOUNDER, LOCAL . . . . .	EX-VESSEL	DO	755,572	30,223
FLOUNDER, LOCAL . . . . .	OTHER		15,578	623
FLOUNDER, BRITISH COLUMBIA . . . . .	DO		14,375	4,313
TOTAL FLOUNDER . . . . .			785,525	35,159
HALIBUT, LOCAL, NO. 1 . . . . .	EX-VESSEL	DRESSED	4,977,632	1,132,984
HALIBUT, LOCAL, NO. 2 . . . . .	DO	DO	4,102,106	746,601
HALIBUT, LOCAL, UNCLASSIFIED . . . . .	DO	DO	33,762	6,887
HALIBUT, LOCAL, UNCLASSIFIED . . . . .	OTHER		199,630	40,725
HALIBUT, ALASKA . . . . .	DO		210,807	37,945
HALIBUT, ALASKA, FROZEN . . . . .	DO		8,722,166	1,569,990
HALIBUT, BRITISH COLUMBIA . . . . .	DO		819,367	140,931
HALIBUT, BRITISH COLUMBIA, FROZEN . . . . .	DO		1,261,000	216,892
TOTAL HALIBUT . . . . .			20,326,470	3,892,955
HERRING, LOCAL . . . . .	DO	ROUND	44,845	2,377
HERRING, ALASKA, FROZEN . . . . .	DO		180,000	6,300
HERRING, BRITISH COLUMBIA, FROZEN 1/2 . . . . .	DO		1,307,103	36,599
TOTAL HERRING . . . . .			1,531,948	45,276
LINGCOD, LOCAL . . . . .	EX-VESSEL	DRESSED	2,214,212	197,065
LINGCOD, LOCAL . . . . .	DO	ROUND	902,122	45,106
LINGCOD, LOCAL . . . . .	OTHER		273,381	19,137
LINGCOD, ALASKA, FROZEN . . . . .	DO		26,675	2,134
LINGCOD, BRITISH COLUMBIA . . . . .	DO		146,956	12,491
LINGCOD, BRITISH COLUMBIA, FROZEN . . . . .	DO		126,328	10,738
TOTAL LINGCOD . . . . .			3,689,674	286,671
PERCH, LOCAL . . . . .	DO	ROUND	117,336	12,438
PERCH, BRITISH COLUMBIA . . . . .	DO		1,600	128
TOTAL PERCH . . . . .			118,936	12,566
PILCHARD, LOCAL . . . . .	DO	DO	102,543	4,717
ROCKFISHES, LOCAL . . . . .	EX-VESSEL	DRESSED	134,809	9,706
ROCKFISHES, LOCAL . . . . .	DO	ROUND	6,596,111	296,825
ROCKFISHES, LOCAL . . . . .	OTHER		110,476	6,518
ROCKFISHES, ALASKA, FROZEN . . . . .	DO		2,610	131
ROCKFISHES, BRITISH COLUMBIA . . . . .	DO		4,170	167
TOTAL ROCKFISHES . . . . .			6,848,176	313,347
SABLEFISH, LOCAL . . . . .	EX-VESSEL	DRESSED	1,449,700	231,952
SABLEFISH, LOCAL . . . . .	DO	ROUND	145,909	9,338
SABLEFISH, LOCAL . . . . .	OTHER		127,344	11,970
SABLEFISH, ALASKA, FROZEN . . . . .	DO		1,371,462	123,432
SABLEFISH, BRITISH COLUMBIA . . . . .	DO		4,199	378
SABLEFISH, BRITISH COLUMBIA, FROZEN . . . . .	DO		7,964	717
TOTAL SABLEFISH . . . . .			3,106,578	377,787

SEE FOOTNOTE AT END OF TABLE

(CONTINUED ON NEXT PAGE)



## FISHERY PRODUCTS RECEIVED BY SEATTLE WHOLESALE DEALERS, 1948 - Continued

ITEM			POUNDS	APPROXIMATE VALUE
FISH - CONTINUED				
SALMON:				
CHINOOK, LOCAL, LARGE . . . . .	EX-VESSEL	DRAWN	667,494	\$252,313
CHINOOK, LOCAL, SMALL . . . . .	DO	DO	269,641	90,330
CHINOOK, LOCAL, WHITE . . . . .	DO	DO	137,512	43,316
CHINOOK, LOCAL, UNCLASSIFIED. . . . .	DO	ROUND	53,662	15,079
CHINOOK, LOCAL, UNCLASSIFIED. . . . .	OTHER		2,701,865	883,770
CHINOOK, LOCAL, UNCLASSIFIED, FROZEN. . . . .	DO		18,680	6,108
CHINOOK, CALIFORNIA . . . . .	DO		7,735	2,321
CHINOOK, COLUMBIA RIVER . . . . .	DO		31,413	7,853
CHINOOK, ALASKA . . . . .	DO		183,803	55,141
CHINOOK, ALASKA, FROZEN . . . . .	DO		1,014,843	304,453
CHINOOK, BRITISH COLUMBIA . . . . .	DO		3,615,103	809,783
CHINOOK, BRITISH COLUMBIA, FROZEN . . . . .	DO		628,475	140,778
TOTAL CHINOOK SALMON . . . . .			9,330,226	2,611,245
CHUM, LOCAL . . . . .	EX-VESSEL	ROUND	497,043	96,426
CHUM, LOCAL . . . . .	OTHER		2,804,544	544,082
CHUM, LOCAL, FROZEN . . . . .	DO		1,653	321
CHUM, ALASKA, FROZEN. . . . .	DO		154,463	19,308
CHUM, BRITISH COLUMBIA, FROZEN. . . . .	DO		5,997,761	551,794
TOTAL CHUM SALMON . . . . .			9,455,464	1,211,931
PINK, LOCAL . . . . .	EX-VESSEL	DO	42	5
PINK, ALASKA, FROZEN. . . . .	OTHER		97,172	972
PINK, BRITISH COLUMBIA. . . . .	DO		17,680	1,344
PINK, BRITISH COLUMBIA, FROZEN. . . . .	DO		11,380	865
TOTAL PINK SALMON . . . . .			126,274	3,186
SILVER, LOCAL . . . . .	EX-VESSEL	DRAWN	684,929	223,972
SILVER, LOCAL . . . . .	DO	ROUND	188,904	47,792
SILVER, LOCAL . . . . .	OTHER		3,118,860	904,469
SILVER, LOCAL, FROZEN . . . . .	DO		1,278	371
SILVER, ALASKA. . . . .	DO		610	146
SILVER, ALASKA, FROZEN. . . . .	DO		1,200,098	289,024
SILVER, BRITISH COLUMBIA. . . . .	DO		316,051	73,956
SILVER, BRITISH COLUMBIA, FROZEN. . . . .	DO		602,923	141,084
TOTAL SILVER SALMON . . . . .			6,113,653	1,679,814
SOCKEYE, LOCAL. . . . .	DO	DO	196,807	49,202
SOCKEYE, ALASKA, FROZEN . . . . .	DO		993	223
TOTAL SOCKEYE SALMON. . . . .			197,800	49,425
UNCLASSIFIED ALASKA, FROZEN . . . . .	DO		144,465	24,704
UNCLASSIFIED, BRITISH COLUMBIA. . . . .	DO		58,997	6,600
UNCLASSIFIED, BRITISH COLUMBIA, FROZEN. . . . .	DO		65,572	7,213
TOTAL UNCLASSIFIED SALMON . . . . .			269,034	38,517
TOTAL ALL SALMON. . . . .			25,492,451	5,594,118
SHAD, CALIFORNIA. . . . .	DO		11,706	1,931
SMELT, EULACHON, LOCAL. . . . .	DO	DO	296,723	24,035
SMELT, EULACHON, BRITISH COLUMBIA . . . . .	DO		4,000	560
SMELT, EULACHON, BRITISH COLUMBIA, FROZEN . . . . .	DO		17,070	2,390
SMELT, SILVER, LOCAL. . . . .	DO	DO	427,810	21,391
TOTAL SMELT . . . . .			745,603	48,376
SOLE, ENGLISH, LOCAL. . . . .	EX-VESSEL	DO	2,899,603	144,980
SOLE, ENGLISH, LOCAL. . . . .	OTHER		80,736	4,037
SOLE, PETRALE, LOCAL. . . . .	EX-VESSEL	DO	3,730,011	261,101
SOLE, PETRALE, LOCAL. . . . .	OTHER		64,375	4,506
SOLE, UNCLASSIFIED, LOCAL . . . . .	EX-VESSEL	DO	218,121	12,651
SOLE, UNCLASSIFIED, BRITISH COLUMBIA. . . . .	OTHER		6,018	481
TOTAL SOLE. . . . .			6,998,864	427,756
SWORDFISH, JAPAN, FROZEN. . . . .	DO		241,747	48,349
TUNA, ALBACORE, LOCAL . . . . .	EX-VESSEL	DO	172,300	54,275
TUNA, ALBACORE, LOCAL . . . . .	OTHER		194,503	61,268
TUNA, ALBACORE, ALASKA, FROZEN. . . . .	DO		11,700	3,065

SEE FOOTNOTE AT END OF TABLE

(CONTINUED ON NEXT PAGE)



PACIFIC COAST FISHERIES

FISHERY PRODUCTS RECEIVED BY SEATTLE WHOLESALE DEALERS, 1948 - Continued

ITEM		POUNDS	APPROXIMATE VALUE
FISH - CONTINUED			
TUNA, ALBACORE, BRITISH COLUMBIA . . . . .	OTHER	34,730	\$9,099
TUNA, ALBACORE, BRITISH COLUMBIA, FROZEN . . . . .	DO	144,225	37,499
TUNA, ALBACORE, JAPAN, FROZEN. . . . .	DO	713,190	156,902
TUNA, SKIPJACK, JAPAN, FROZEN. . . . .	DO	85,480	17,096
TOTAL TUNA . . . . .		1,356,128	339,204
FILLETS, SOLE, LOCAL . . . . .	DO	108,578	32,573
FILLETS, SOLE, LOCAL, FROZEN . . . . .	DO	26,225	7,343
FILLETS, SOLE, BRITISH COLUMBIA. . . . .	DO	24,962	5,991
FILLETS, SOLE, BRITISH COLUMBIA, FROZEN. . . . .	DO	542,965	130,312
FILLETS, OTHER, LOCAL. . . . .	DO	80,633	20,158
FILLETS, OTHER, LOCAL, FROZEN. . . . .	DO	18,645	4,475
FILLETS, OTHER, BRITISH COLUMBIA . . . . .	DO	15,440	3,706
FILLETS, OTHER, BRITISH COLUMBIA, FROZEN . . . . .	DO	263,818	63,316
TOTAL FILLETS. . . . .		1,081,266	267,874
UNCLASSIFIED, LOCAL. . . . .	EX-VESSEL	24,823	3,575
UNCLASSIFIED, LOCAL. . . . .	OTHER	53,102	5,841
UNCLASSIFIED, LOCAL, FROZEN. . . . .	DO	83,513	7,934
UNCLASSIFIED, ALASKA, FROZEN . . . . .	DO	422	63
UNCLASSIFIED, BRITISH COLUMBIA . . . . .	DO	6,580	790
UNCLASSIFIED, BRITISH COLUMBIA, FROZEN . . . . .	DO	156,712	48,250
TOTAL UNCLASSIFIED . . . . .		325,152	66,463
ALL FISH			
FRESH, LOCAL . . . . .	EX-VESSEL	33,052,099	4,056,136
FRESH, LOCAL . . . . .	OTHER	11,162,469	2,656,255
FRESH, ALASKA. . . . .	DO	395,220	93,232
FRESH, BRITISH COLUMBIA. . . . .	DO	5,090,228	1,070,718
FRESH, OTHER SOURCES . . . . .	DO	50,854	12,105
TOTAL FRESH. . . . .		49,750,870	7,888,446
FROZEN, LOCAL. . . . .	DO	149,994	26,552
FROZEN, ALASKA . . . . .	DO	12,957,551	2,348,835
FROZEN, BRITISH COLUMBIA . . . . .	DO	11,133,296	1,388,457
FROZEN, OTHER SOURCES. . . . .	DO	1,040,417	222,347
TOTAL FROZEN . . . . .		25,281,258	3,986,191
TOTAL FRESH AND FROZEN FISH. . . . .		75,032,128	11,874,637
SHELLFISH (MEATS)			
CLAMS, BUTTER, LOCAL . . . . .		17,067	4,147
CLAMS, LITTLE NECK, LOCAL. . . . .		131,697	40,958
CLAMS, RAZOR, LOCAL. . . . .		5,903	1,576
CLAMS, UNCLASSIFIED, BRITISH COLUMBIA. . . . .		123,197	33,260
TOTAL CLAMS. . . . .		277,854	79,941
CLAM MEAT, LOCAL . . . . .		2,370	948
CLAM MEAT, BRITISH COLUMBIA. . . . .		15,913	6,524
TOTAL CLAM MEAT. . . . .		18,283	7,472
CRABS, DUNGENESS, LOCAL, IN SHELL. . . . .		1,307,720	241,928
CRABS, ALASKA, FROZEN. . . . .		1,225	208
CRABS, BRITISH COLUMBIA. . . . .		17,802	3,026
TOTAL CRABS. . . . .		1,326,747	245,162
CRAB MEAT, LOCAL . . . . .		66,995	55,606
CRAB MEAT, ALASKA, FROZEN. . . . .		54,541	43,633
CRAB MEAT, BRITISH COLUMBIA. . . . .		1,015	812
TOTAL CRAB MEAT. . . . .		122,551	100,051
LOBSTER, CALIFORNIA. . . . .		12,681	6,975
LOBSTER, MEXICO. . . . .		36,337	19,985
LOBSTER, SOUTH AFRICA. . . . .		840	546
TOTAL LOBSTER. . . . .		49,858	27,506

SEE FOOTNOTES AT END OF TABLE

(CONTINUED ON NEXT PAGE)

## FISHERY PRODUCTS RECEIVED BY SEATTLE WHOLESALE DEALERS, 1948 - Continued

ITEMS	POUNDS	APPROXIMATE VALUE
SHELLFISH (MEATS) - CONTINUED		
OCTOPUS, LOCAL . . . . .	14,181	\$709
OYSTERS, EASTERN SHUCKED . . . . .	2,807	2,647
OYSTERS, OLYMPIA, LOCAL, SHUCKED . . . . .	13,913	31,861
OYSTERS, PACIFIC, LOCAL, SHUCKED . . . . .	2,131,202	916,417
TOTAL OYSTERS. . . . .	2,147,922	950,925
SCALLOPS, BAY, LOCAL, SHUCKED. . . . .	13,997	9,714
SCALLOPS, BAY, NOVA SCOTIA, FROZEN . . . . .	40,620	16,248
SCALLOPS, BAY, JAPAN, FROZEN . . . . .	41,600	14,560
TOTAL SCALLOPS . . . . .	96,217	40,522
SHRIMP, LOCAL . . . . .	17,035	4,685
SHRIMP, MEXICO . . . . .	8,102	4,456
SHRIMP, GULF . . . . .	6,700	4,020
SHRIMP, GULF, FROZEN . . . . .	41,970	25,182
SHRIMP, ALASKA FROZEN. . . . .	27,100	14,905
TOTAL SHRIMP . . . . .	100,907	53,248
SHRIMP MEAT, GULF. . . . .	19,650	15,189
SHRIMP MEAT, GULF, FROZEN. . . . .	2,000	1,546
SHRIMP MEAT, ALASKA, FROZEN. . . . .	338,266	230,021
TOTAL SHRIMP MEAT. . . . .	359,916	246,756
SQUID, LOCAL . . . . .	70	6
SQUID, CALIFORNIA. . . . .	42,830	3,855
TOTAL SQUID. . . . .	42,900	3,861
UNCLASSIFIED, BRITISH COLUMBIA . . . . .	310	133
UNCLASSIFIED, BRITISH COLUMBIA, FROZEN . . . . .	190	13
TOTAL UNCLASSIFIED . . . . .	500	146
ALL SHELLFISH		
FRESH, LOCAL . . . . .	3,722,150	1,308,555
FRESH, BRITISH COLUMBIA. . . . .	158,227	43,755
FRESH, OTHER . . . . .	129,947	57,673
TOTAL FRESH. . . . .	4,010,324	1,409,983
FROZEN, ALASKA . . . . .	421,132	288,767
FROZEN, BRITISH COLUMBIA . . . . .	190	13
FROZEN, OTHER. . . . .	126,190	57,536
TOTAL FROZEN . . . . .	547,512	346,316
TOTAL FRESH AND FROZEN SHELLFISH . . . . .	4,557,836	1,756,299
ALL FISH AND SHELLFISH		
FRESH. . . . .	53,761,194	9,298,429
FROZEN . . . . .	25,828,770	4,332,507
TOTAL FRESH AND FROZEN FISH AND SHELLFISH . . . . .	79,589,964	13,630,936
LIVERS AND VISCERA		
GRAYFISH (DOGFISH), LOCAL. . . . .	1,496,371	710,431
GRAYFISH (DOGFISH), ALASKA, FROZEN . . . . .	21,799	10,834
HALIBUT AND VISCERA. . . . .	761,843	814,954
LINGCOD, LOCAL . . . . .	147,396	149,319
SABLEFISH AND VISCERA, ALASKA, FROZEN. . . . .	202,678	188,085
SOUPFIN SHARK, LOCAL . . . . .	71,547	440,014
UNCLASSIFIED, LOCAL. . . . .	779,361	545,553
UNCLASSIFIED, ALASKA, FROZEN . . . . .	30,235	9,071
TOTAL LIVERS AND VISCERA. . . . .	3,511,230	2,868,261
GRAND TOTAL ALL FISH, SHELLFISH, LIVERS AND VISCERA. . . . .	83,101,194	16,499,197

1/ 22,500 POUNDS ORIGINATED IN PRINCE EDWARD ISLAND.

2/ INCLUDES 92,879 POUNDS OF WHITEFISH; 25,857 POUNDS OF LAKE TROUT; AND 21,721 POUNDS OF INCONNU CAUGHT IN ALBERTA AND SHIPPED VIA BRITISH COLUMBIA DURING THE PERIOD JANUARY THROUGH MARCH.

During 1948, the commercial catch of fish by United States fishermen in the Great Lakes and the International Lakes of Northern Minnesota amounted to 83,959,000 pounds, valued at \$12,689,582 to the fishermen. This represented an increase of 20 percent in quantity and 18 percent in value over the previous year. In addition, the Canadian catch in these lakes amounted to 25,071,659 pounds. Lake Erie was the leading producer, with United States fishermen taking 26,501,600 pounds and Canadian fishermen, 15,177,300 pounds. Lake Michigan was second in production with 27,022,800 pounds, the entire amount being taken by United States fishermen.

The State of Michigan was again the leading producer with a catch of 30,136,700 pounds, followed by Ohio, with 21,796,100 pounds.

The leading species in the United States catch were lake herring, 24,370,600 pounds, an increase of 6,617,200 pounds over the previous year; whitefish 12,250,100 pounds, an increase of 618,900 over the 1947 production; and the largest catch on record; blue pike, 9,121,500 pounds; and chubs 6,297,700 pounds. The 1948 catch of lake trout, 4,154,700 pounds, was the smallest since 1913, when continuous records first became available. The consistent decrease in lake trout production is believed to have been partially caused by the sea lamprey which has caused heavy mortality on the lake trout population in the Great Lakes.

The most recent data available on operating units employed in the fisheries of the Great Lakes and the International Lakes of Northern Minnesota are for 1940. In that year, 5,142 United States fishermen were employed. If the lakes fisheries have followed the same trend as the fisheries of other areas, it may be assumed that the number of fishermen employed was considerably greater for 1948.

The last complete survey of the fishery transporting, wholesaling, and manufacturing industries was made for 1940. In that year, 33 men were employed on 11 vessels operating in the transporting trade, and 3,030 persons were employed in the wholesale and manufacturing establishments. The latter employees received \$2,842,680 in salaries and wages in 1940. Detailed statistics on these branches of the industry for 1940 can be found in 'Fishery Statistics of the United States, 1944' (Statistical Digest No. 16), and in the Digest for the years from 1940 to 1943 inclusive.

The following tables contain a summary of the United States and Canadian catch in the Great Lakes and International Lakes of Northern Minnesota as well as detailed data on the United States catch in these waters by individual States and Lakes and according to gear of capture. Condensed summary data on the catch by states of the Lake Fisheries have been previously published in Current Fishery Statistics No. 571. Historical data on the fisheries of the Great Lakes can be found in the Report of the International Board of Inquiry for the Great Lakes, which can be purchased from the Superintendent of Documents, Washington 25, D. C.

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9 The statistics of the catch were obtained principally from records of the various state agencies and from the Dominion Bureau of Statistics, Ottawa, Canada. In all cases, the statistics collected are for the calendar year except for Rainy Lake, Lake of the Woods, and Namaken Lake in Minnesota, which are for two seasons; for Lake of the Woods, the seasons are from June 1 to November 1 and December 1 to April 1 and for Rainy and Namakan Lakes the seasons are from May 15 to November 1 and December 1 to April 1. The catches for these two seasons, in the order named, have been combined to constitute a year. The quantity of fish taken in these Lakes between January 1 and April 1 is estimated to be less than 3 percent of the total catch.

## LAKE FISHERIES

## SUMMARY OF UNITED STATES AND CANADIAN CATCH, 1948

SPECIES	LAKE ONTARIO			LAKE ERIE		
	UNITED STATES	CANADA	TOTAL	UNITED STATES	CANADA	TOTAL
	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
BLUE PIKE . . . . .	118,900	35,200	154,100	9,002,600	5,832,900	14,834,900
BOWFIN . . . . .	-	(1)	-	8,100	(1)	8,100
BUFFALOFISH . . . . .	-	(1)	-	5,000	(1)	5,000
BULLHEADS . . . . .	62,600	(1)	62,600	154,800	(1)	154,800
BURBOT . . . . .	-	(1)	-	358,500	(1)	358,500
CARP . . . . .	20,800	148,500	169,300	1,595,900	110,600	1,706,500
CATFISH . . . . .	300	568,200	568,500	653,300	167,500	820,800
CHUBS . . . . .	-	(1)	-	-	(1)	-
CISCO . . . . .	49,800	(1)	49,800	213,200	(1)	213,200
EELS . . . . .	17,400	38,500	55,900	-	800	800
GARFISH . . . . .	(2)	(1)	-	-	(1)	-
GIZZARD SHAD . . . . .	-	(1)	-	-	(1)	-
GOLDFISH . . . . .	-	(1)	-	119,600	(1)	119,600
LAKE HERRING . . . . .	-	284,700	284,700	-	562,900	562,900
LAKE TROUT . . . . .	300	32,200	32,500	(2)	3,200	3,200
MOONEYE . . . . .	-	(1)	-	6,500	(1)	6,500
PIKE OR PICKEREL (JACKS) . . . . .	7,700	23,900	31,600	10,900	4,500	15,400
QUILLBACK . . . . .	-	(1)	-	-	(1)	-
ROCK BASS . . . . .	21,500	(1)	21,500	7,900	-	7,900
SAUGER . . . . .	-	1,000	1,000	250,200	182,500	432,700
SHEEPSHEAD . . . . .	(2)	(1)	-	3,675,800	(1)	3,675,800
SMELT . . . . .	-	(1)	-	-	(1)	-
STURGEON . . . . .	2,600	2,800	5,400	21,900	16,700	38,600
SUCKER MULLET <sup>II</sup> . . . . .	18,400	(1)	18,400	468,800	(1)	468,800
SUNFISH . . . . .	13,200	(1)	13,200	-	(1)	-
TULLIBEE . . . . .	-	99,100	99,100	-	100	100
WHITE BASS . . . . .	(2)	(1)	-	498,400	(1)	498,400
WHITEFISH . . . . .	-	-	-	-	-	-
COMMON . . . . .	8,200	210,600	218,800	2,789,400	3,808,800	6,598,200
MEMONINEE . . . . .	-	(1)	-	-	(1)	-
YELLOW PERCH . . . . .	41,500	122,500	164,000	2,639,500	1,877,300	4,516,800
YELLOW PIKE . . . . .	2,300	38,200	40,500	4,021,300	802,300	4,823,600
CRAWFISH . . . . .	-	(1)	-	-	(1)	-
UNCLASSIFIED . . . . .	-	261,300	261,300	-	1,807,800	1,807,800
TOTAL . . . . .	385,500	1,866,700	2,252,200	26,501,600	15,177,300	41,678,900

SPECIES	LAKE HURON			LAKE MICHIGAN	LAKE SUPERIOR		
	UNITED STATES	CANADA	TOTAL	UNITED STATES	UNITED STATES	CANADA	TOTAL
	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
BLUE PIKE . . . . .	-	(1)	-	-	-	(1)	-
BOWFIN . . . . .	10,200	(1)	10,200	(2)	-	(1)	-
BUFFALOFISH . . . . .	-	(1)	-	-	-	(1)	-
BULLHEADS . . . . .	54,200	(1)	54,200	115,100	(1)	(1)	-
BURBOT . . . . .	500	(1)	500	87,800	1,900	(1)	1,900
CARP . . . . .	1,458,900	42,800	1,501,700	1,095,100	(2)	1,000	1,000
CATFISH . . . . .	193,500	27,000	220,500	26,300	-	300	300
CHUBS . . . . .	158,800	(1)	158,800	5,929,000	209,900	(1)	209,900
CISCO . . . . .	-	(1)	-	-	-	(1)	-
EELS . . . . .	-	(1)	-	-	-	(1)	-
GARFISH . . . . .	-	(1)	-	(2)	-	(1)	-
GIZZARD SHAD . . . . .	29,400	(1)	29,400	-	-	(1)	-
GOLDFISH . . . . .	-	(1)	-	-	-	(1)	-
LAKE HERRING . . . . .	1,636,400	150,700	1,787,100	8,029,000	14,705,200	1,027,300	15,732,500
LAKE TROUT . . . . .	4,000	327,200	331,200	1,196,700	2,953,700	1,452,600	4,406,300
MOONEYE . . . . .	-	(1)	-	-	-	(1)	-
PIKE OR PICKEREL (JACKS) . . . . .	46,300	59,600	105,900	34,800	1,500	2,900	4,400
QUILLBACK . . . . .	-	(1)	-	-	-	(1)	-
ROCK BASS . . . . .	15,900	(1)	15,900	1,400	-	(1)	-
SAUGER . . . . .	2,300	4,000	6,300	200	100	8,200	8,300
SHEEPSHEAD . . . . .	4,000	(1)	4,000	57,400	-	(1)	-
SMELT . . . . .	507	(1)	500	1,131,100	1,000	(1)	1,000
STURGEON . . . . .	-	11,800	11,800	-	-	3,000	3,000
SUCKER MULLET <sup>II</sup> . . . . .	1,304,600	(1)	1,304,600	1,805,500	82,500	(1)	82,500
SUNFISH . . . . .	-	(1)	-	-	-	(1)	-
TULLIBEE . . . . .	-	349,300	349,300	-	-	91,500	91,500
WHITE BASS . . . . .	(2)	(1)	-	-	-	(1)	-
WHITEFISH . . . . .	-	-	-	-	-	-	-
COMMON . . . . .	2,971,900	920,700	3,892,600	5,247,200	1,200,600	305,100	1,505,700
MEMONINEE . . . . .	26,100	(1)	26,100	109,700	24,000	(1)	24,000
YELLOW PERCH . . . . .	693,900	126,500	820,400	1,513,300	5,400	900	6,300
YELLOW PIKE . . . . .	224,800	446,600	671,400	636,000	35,600	110,800	146,400
CRAWFISH . . . . .	-	(1)	-	7,200	(2)	(1)	-
UNCLASSIFIED . . . . .	-	401,100	401,100	-	-	124,500	124,500
TOTAL . . . . .	8,836,200	2,867,300	11,703,500	27,022,800	19,221,400	3,128,100	22,349,500

SEE FOOTNOTES AT END OF TABLE

(CONTINUED ON NEXT PAGE)

## SUMMARY OF UNITED STATES AND CANADIAN CATCH, 1948 - Continued

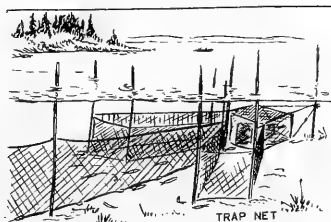
SPECIES	NAMAKAN LAKE			RAINY LAKE		
	UNITED STATES	CANADA	TOTAL	UNITED STATES	CANADA	TOTAL
	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
BURBOT . . . . .	4,700	-	4,700	10,400	-	10,400
CHUBS . . . . .	-	3,000	3,000	-	50,219	50,219
PIKE OR PICKEREL (JACKS)	-	1,360	1,360	11,000	114,562	125,562
SAUGER . . . . .	-	-	-	(2)	-	-
STURGEON . . . . .	-	312	312	-	248	248
SUCKER "MULLET" . . . . .	3,200	-	3,200	24,400	-	24,400
SUNFISH . . . . .	-	4,500	4,500	-	169,332	169,332
TULLIBEE . . . . .	8,700	-	8,700	33,900	-	33,900
WHITEFISH, COMMON . . . . .	9,200	1,900	11,100	18,500	48,180	66,680
YELLOW PERCH . . . . .	-	-	-	500	3,298	3,798
YELLOW PIKE . . . . .	-	1,945	1,945	25,300	156,606	181,906
TOTAL . . . . .	25,800	13,017	38,817	124,000	542,445	666,445

SPECIES	LAKE OF THE WOODS			TOTAL, ALL LAKES		
	UNITED STATES	CANADA	TOTAL	UNITED STATES	CANADA	TOTAL
	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
BLUE PIKE . . . . .	-	(1)	-	9,121,500	5,867,500	14,989,000
BOWFIN . . . . .	-	(1)	-	18,300	(1)	18,300
BUFFALOFISH . . . . .	-	(1)	-	5,000	(1)	5,000
BULLHEADS . . . . .	22,200	(1)	22,200	408,900	(1)	408,900
BURBOT . . . . .	211,100	(1)	211,100	674,900	(1)	674,900
CARP . . . . .	6,800	1,450	8,250	4,177,500	304,350	4,481,850
CATFISH . . . . .	-	26,761	26,761	873,400	789,761	1,663,161
CHUBS . . . . .	-	18,527	18,527	6,297,700	71,746	6,369,446
CISCO . . . . .	-	(1)	-	263,000	(1)	263,000
EELS . . . . .	-	(1)	-	17,400	39,300	56,700
GARFISH . . . . .	-	(1)	-	(2)	(1)	-
GIZZARD SHAD . . . . .	-	(1)	-	29,400	(1)	29,400
GOLDFISH . . . . .	-	(1)	-	119,600	(1)	119,600
LAKE HERRING . . . . .	-	(1)	-	24,370,600	2,025,600	26,396,200
LAKE TROUT . . . . .	-	1,321	1,321	4,154,700	1,816,521	5,971,221
MOONEYE . . . . .	-	(1)	-	6,500	(1)	6,500
PIKE OR PICKEREL (JACKS)	63,200	319,982	383,182	175,400	526,604	702,204
QUILLBACK . . . . .	-	(1)	-	-	(1)	-
ROCK BASS . . . . .	-	(1)	-	46,700	(1)	46,700
SAUGER . . . . .	74,000	(1)	74,000	326,800	195,700	522,500
SHEEPSHEAD . . . . .	-	(1)	-	3,737,200	(1)	3,737,200
SMELT . . . . .	-	(1)	-	1,132,600	(1)	1,132,600
STURGEON . . . . .	-	39	39	24,500	34,999	59,399
SUCKER "MULLET" . . . . .	68,800	(1)	68,800	3,776,200	(1)	3,776,200
SUNFISH . . . . .	-	175,901	175,901	13,200	349,733	362,933
TULLIBEE . . . . .	1,062,900	111,500	1,174,400	1,105,500	651,500	1,757,000
WHITE BASS . . . . .	-	(1)	-	498,400	(1)	498,400
WHITEFISH:						
COMMON . . . . .	5,100	120,503	125,603	12,250,100	5,415,783	17,665,883
MEMONINEE . . . . .	-	(1)	-	159,800	(1)	159,800
YELLOW PERCH . . . . .	24,500	20,737	45,237	4,918,600	2,151,235	7,069,835
YELLOW PIKE . . . . .	303,100	661,976	965,076	5,248,400	2,219,427	7,465,827
CRAWFISH . . . . .	-	(1)	-	7,200	(1)	7,200
UNCLASSIFIED . . . . .	-	18,100	18,100	-	2,612,800	2,612,800
TOTAL . . . . .	1,841,700	1,476,797	3,318,497	83,959,000	25,071,659	109,030,659

1/ WHERE THERE IS A CANADIAN CATCH OF THESE SPECIES, IT IS SHOWN UNDER "UNCLASSIFIED"

2/ LESS THAN 50 POUNDS.



TRAP NET

## LAKE FISHERIES

## UNITED STATES: CATCH BY STATES, 1948

SPECIES	NEW YORK		PENNSYLVANIA		OHIO	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUE PIKE . . . . .	671,900	\$86,357	1,472,800	\$222,424	6,957,100	\$904,423
BUFFALOFISH . . . . .	-	-	-	-	5,000	900
BULLHEADS . . . . .	62,600	13,897	-	-	103,600	12,950
BURBOT . . . . .	6,200	110	300	16	351,900	7,202
CARP . . . . .	21,800	644	2,000	35	1,059,000	73,938
CATFISH . . . . .	1,000	152	200	22	625,300	137,485
CISCO . . . . .	68,800	16,067	99,700	29,921	94,500	30,252
EELS . . . . .	17,400	1,494	-	-	-	-
GARFISH . . . . .	(1)	(1)	-	-	-	-
GOLDFISH . . . . .	-	-	-	-	118,900	5,945
LAKE TROUT . . . . .	300	99	(1)	4	(1)	5
MOONEYE . . . . .	-	-	-	-	6,500	325
PIKE OR PICKEREL (JACKS) . . . . .	7,700	748	-	-	500	62
ROCK BASS . . . . .	21,500	1,247	-	-	-	-
SAUGER . . . . .	-	-	-	-	245,800	41,781
SHEEPSHEAD . . . . .	(1)	8	8,200	341	3,587,300	179,572
STURGEON . . . . .	2,700	3,125	100	30	21,700	21,700
SUCKER "MULLET" . . . . .	20,800	999	3,100	101	421,600	21,000
SUNFISH . . . . .	13,200	1,023	-	-	-	-
WHITE BASS . . . . .	7,700	703	10,100	1,047	447,700	79,693
WHITEFISH, COMMON . . . . .	309,700	11,519	861,900	256,310	1,616,500	550,174
YELLOW PERCH . . . . .	71,800	8,764	62,100	9,159	2,529,600	376,589
YELLOW PIKE . . . . .	3,800	1,175	13,300	2,880	3,603,600	895,835
TOTAL . . . . .	1,308,900	148,131	2,533,800	522,290	21,796,100	3,339,831

SPECIES	MICHIGAN		INDIANA		ILLINOIS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUE PIKE . . . . .	19,700	\$4,913	-	-	-	-
BOWFIN . . . . .	18,300	705	-	-	-	-
BULLHEADS . . . . .	114,500	14,136	-	-	-	-
BURBOT . . . . .	13,300	602	-	-	-	-
CARP . . . . .	2,055,900	72,761	-	-	-	-
CATFISH . . . . .	221,500	51,090	-	-	-	-
CHUBS . . . . .	2,257,200	451,770	-	-	1,316,800	\$289,690
GARFISH . . . . .	(1)	(1)	-	-	-	-
GIZZARD SHAD . . . . .	29,400	294	-	-	-	-
GOLDFISH . . . . .	700	21	-	-	-	-
LAKE HERRING . . . . .	9,038,300	370,274	8,000	\$800	42,900	7,083
LAKE TROUT . . . . .	2,754,400	1,100,693	-	-	65,300	35,932
PIKE OR PICKEREL (JACKS) . . . . .	73,800	8,300	-	-	-	-
ROCK BASS . . . . .	25,200	3,405	-	-	-	-
SAUGER . . . . .	7,000	1,909	-	-	-	-
SHEEPSHEAD . . . . .	90,800	3,732	-	-	-	-
SMELT . . . . .	627,300	111,950	-	-	-	-
SUCKER "MULLET" . . . . .	2,645,600	146,920	300	15	-	-
WHITE BASS . . . . .	32,900	4,297	-	-	-	-
WHITEFISH:						
COMMON . . . . .	7,721,400	2,312,743	-	-	-	-
MEMPHINEE . . . . .	144,200	23,406	-	-	-	-
YELLOW PERCH . . . . .	1,015,700	160,922	16,000	1,600	194,700	42,822
YELLOW PIKE . . . . .	1,229,600	330,300	(1)	9	-	-
TOTAL . . . . .	30,136,700	5,175,143	24,300	2,424	1,619,700	375,527

SPECIES	WISCONSIN		MINNESOTA		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUE PIKE . . . . .	-	-	-	-	9,121,500	\$1,218,117
BOWFIN . . . . .	-	-	-	-	18,300	705
BUFFALOFISH . . . . .	-	-	-	-	5,000	900
BULLHEADS . . . . .	106,000	\$7,415	22,200	\$4,099	408,900	52,497
BURBOT . . . . .	77,000	1,541	226,200	7,240	674,900	16,711
CARP . . . . .	1,032,000	41,281	6,800	375	4,177,500	189,034
CATFISH . . . . .	25,400	3,548	-	-	873,400	192,297
CHUBS . . . . .	2,692,600	508,129	31,100	6,942	6,297,700	1,256,531
CISCO . . . . .	-	-	-	-	263,000	76,240
EELS . . . . .	-	-	-	-	17,400	1,494
GARFISH . . . . .	-	-	-	-	(1)	(1)
GIZZARD SHAD . . . . .	-	-	-	-	29,400	294
GOLDFISH . . . . .	-	-	-	-	119,600	5,966
LAKE HERRING . . . . .	11,391,200	569,562	3,890,200	228,556	24,370,600	1,176,275
LAKE TROUT . . . . .	1,095,200	524,732	239,500	91,861	4,154,700	1,753,326
MOONEYE . . . . .	-	-	-	-	6,500	325
PIKE OR PICKEREL (JACKS) . . . . .	19,200	2,683	74,200	7,879	175,400	19,672

SEE FOOTNOTE AT END OF TABLE

(CONTINUED ON NEXT PAGE)

LAKE FISHERIES

UNITED STATES: CATCH BY STATES, 1948 - Continued

SPECIES	WISCONSIN		MINNESOTA		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ROCK BASS . . . . .	-	-	-	-	46,700	\$4,652
SAUGER . . . . .	-	-	74,000	\$10,309	326,800	53,999
SHEEPSHEAD . . . . .	50,900	\$3,564	-	-	3,737,200	187,217
SMELT . . . . .	505,300	65,689	-	-	1,132,600	177,639
STURGEON . . . . .	-	-	-	-	24,500	24,855
SUCKER "MULLET" <sup>11</sup> . . . . .	588,400	35,302	96,400	3,298	3,776,200	207,635
SUNFISH . . . . .	-	-	-	-	13,200	1,023
TULLIBEE . . . . .	-	-	1,105,500	103,809	1,105,500	103,809
WHITE BASS . . . . .	-	-	-	-	498,400	85,740
COMMON . . . . .	1,697,000	642,640	43,600	10,536	12,250,100	3,783,922
MENOMINEE . . . . .	10,700	1,070	4,900	739	159,800	25,215
YELLOW PERCH . . . . .	1,003,700	150,544	25,000	4,140	4,918,600	754,540
YELLOW PIKE . . . . .	69,700	17,419	328,400	69,163	5,248,400	1,316,781
CRAWFISH . . . . .	7,200	2,171	-	-	7,200	2,171
TOTAL . . . . .	20,371,500	2,577,290	6,168,000	548,946	83,959,000	12,689,582

1/ LESS THAN 50 POUNDS OR 50 CENTS.

UNITED STATES: CATCH BY LAKES, 1948

SPECIES	LAKE ONTARIO		LAKE ERIE			
	NEW YORK		NEW YORK		PENNSYLVANIA	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUE PIKE . . . . .	118,900	\$24,165	553,000	\$62,192	1,472,800	\$222,424
BULLHEADS . . . . .	62,600	13,897	-	-	-	-
BURBOT . . . . .	-	-	6,200	110	300	16
CARP . . . . .	20,800	583	1,000	61	2,000	35
CATFISH . . . . .	300	26	700	126	200	22
CISCO . . . . .	49,800	10,282	19,000	5,785	99,700	29,921
EELS . . . . .	17,400	1,494	-	-	-	-
GARFISH . . . . .	(1)	(1)	-	-	-	-
LAKE TROUT . . . . .	300	99	-	-	(1)	4
PIKE OR PICKEREL (JACKS) . . . . .	7,700	748	-	-	-	-
ROCK BASS . . . . .	21,500	1,247	-	-	-	-
SHEEPSHEAD . . . . .	(1)	4	(1)	4	8,200	341
STURGEON . . . . .	2,600	3,037	100	88	100	30
SUCKER "MULLET" <sup>11</sup> . . . . .	18,400	893	2,400	106	3,100	101
SUNFISH . . . . .	13,200	1,023	-	-	-	-
WHITE BASS . . . . .	(1)	5	7,700	698	10,100	1,047
WHITEFISH, COMMON . . . . .	8,200	2,186	301,500	9,333	861,900	256,310
YELLOW PERCH . . . . .	41,800	4,566	30,300	4,198	62,100	9,159
YELLOW PIKE . . . . .	2,300	653	1,500	522	13,300	2,880
TOTAL . . . . .	385,500	64,908	923,400	83,223	2,533,800	522,290

SPECIES	LAKE ERIE - CONTINUED					
	OHIO		MICHIGAN		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUE PIKE . . . . .	6,957,100	\$904,423	19,700	\$4,913	9,002,600	\$1,193,952
BOWFIN . . . . .	-	-	8,100	404	8,100	404
BUFFALO FISH . . . . .	5,000	900	-	-	5,000	900
BULLHEADS . . . . .	103,600	12,950	51,200	6,782	154,800	19,732
BURBOT . . . . .	351,900	7,202	100	8	358,500	7,336
CARP . . . . .	1,059,000	73,938	533,900	16,486	1,595,900	90,520
CATFISH . . . . .	625,300	137,485	27,100	5,174	653,300	142,807
CISCO . . . . .	94,500	30,252	-	-	213,200	65,958
GOLDFISH . . . . .	118,900	5,945	700	21	119,600	5,966
LAKE TROUT . . . . .	(1)	5	-	-	(1)	9
MOONEYE . . . . .	6,500	325	-	-	6,500	325
PIKE OR PICKEREL (JACKS) . . . . .	500	62	10,400	1,247	10,900	1,309
ROCK BASS . . . . .	-	-	7,900	1,404	7,900	1,404
SAUGER . . . . .	245,800	41,781	4,400	1,345	250,200	43,126
SHEEPSHEAD . . . . .	3,587,300	179,572	80,300	2,991	3,675,800	182,908
STURGEON . . . . .	21,700	21,700	-	-	21,900	21,818
SUCKER "MULLET" <sup>11</sup> . . . . .	421,600	21,000	41,700	1,722	468,800	22,929
WHITEFISH, COMMON . . . . .	447,700	79,693	32,900	4,297	498,400	85,735
YELLOW PERCH . . . . .	1,616,500	550,174	9,500	2,250	2,789,400	818,067
YELLOW PIKE . . . . .	2,529,600	376,589	1,500	4,284	2,639,500	394,230
YELLOW PERCH . . . . .	3,603,600	895,835	402,900	103,201	4,021,300	1,002,478
TOTAL . . . . .	21,796,100	3,339,831	1,240,300	156,529	26,501,600	4,101,873

SEE FOOTNOTES AT END OF TABLE

(CONTINUED ON NEXT PAGE)

## LAKE FISHERIES

## UNITED STATES: CATCH BY LAKES, 1948 - Continued

SPECIES	LAKE HURON		LAKE MICHIGAN 2/			
	MICHIGAN		MICHIGAN		INDIANA	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN . . . . .	10,200	\$301	(1)	(1)	-	-
BULLHEADS . . . . .	54,200	6,142	9,100	\$1,212	-	-
BURBOT . . . . .	500	21	11,700	553	-	-
CARP . . . . .	1,459,900	53,483	63,100	2,792	-	-
CATFISH . . . . .	193,500	45,663	-	253	-	-
CHUBS . . . . .	158,800	40,402	2,083,400	408,980	-	-
GARFISH . . . . .	-	-	(1)	(1)	-	-
GIZZARD SHAD . . . . .	29,400	294	-	-	-	-
LAKE HERRING . . . . .	1,636,400	89,034	2,877,800	128,062	8,000	\$800
LAKE TROUT . . . . .	4,000	1,695	589,200	249,299	-	-
PIKE OR PICKEREL (JACKS) . . . . .	46,300	4,902	17,100	2,151	-	-
ROCK BASS . . . . .	15,900	1,878	1,400	123	-	-
SAUGER . . . . .	2,300	505	200	34	-	-
SHEEPSHEAD . . . . .	4,000	200	6,500	541	-	-
SMELT . . . . .	500	28	626,800	111,919	-	-
SUCKER "MULLET" . . . . .	1,304,600	73,953	1,249,100	69,258	300	15
WHITE BASS . . . . .	(1)	(1)	-	-	-	-
WHITEFISH:						
COMMON . . . . .	2,971,900	882,608	4,262,700	1,313,331	-	-
MENOMINEE . . . . .	26,100	5,076	101,100	16,156	-	-
YELLOW PERCH . . . . .	693,900	96,482	299,000	59,469	16,000	1,600
YELLOW PIKE . . . . .	224,800	59,018	599,800	167,532	(1)	9
TOTAL . . . . .	8,836,200	1,361,625	12,798,900	2,531,665	24,300	2,424

SPECIES	LAKE MICHIGAN 2/ - CONTINUED					
	ILLINOIS		WISCONSIN		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN . . . . .	-	-	-	-	(1)	(1)
BULLHEADS . . . . .	-	-	106,000	\$7,415	115,100	\$8,627
BURBOT . . . . .	-	-	76,100	1,522	87,800	2,075
CARP . . . . .	-	-	1,032,000	41,280	1,095,100	44,072
CATFISH . . . . .	-	-	25,400	3,548	26,300	3,801
CHUBS . . . . .	1,316,800	\$289,690	2,528,800	477,006	5,929,000	1,175,676
GARFISH . . . . .	-	-	-	-	(1)	(1)
LAKE HERRING . . . . .	42,900	7,083	5,100,300	255,017	8,029,000	390,962
LAKE TROUT . . . . .	65,300	35,932	542,200	299,311	1,196,700	544,542
PIKE OR PICKEREL (JACKS) . . . . .	-	-	17,700	2,469	34,800	4,620
ROCK BASS . . . . .	-	-	-	-	1,400	123
SAUGER . . . . .	-	-	-	-	200	34
SHEEPSHEAD . . . . .	-	-	50,900	3,564	57,400	4,105
SMELT . . . . .	-	-	504,300	65,562	1,131,100	177,481
SUCKER "MULLET" . . . . .	-	-	556,100	33,364	1,805,500	102,637
WHITEFISH:						
COMMON . . . . .	-	-	984,500	374,070	5,247,200	1,687,401
MENOMINEE . . . . .	-	-	8,600	859	109,700	17,000
YELLOW PERCH . . . . .	194,700	42,822	1,003,600	150,536	1,513,300	254,427
YELLOW PIKE . . . . .	-	-	36,200	9,053	636,000	176,594
CRAWFISH . . . . .	-	-	7,200	2,170	7,200	2,170
TOTAL . . . . .	1,619,700	375,527	12,579,900	1,686,746	27,022,800	4,596,362

SPECIES	LAKE SUPERIOR					
	MICHIGAN		WISCONSIN		MINNESOTA	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BURBOT . . . . .	1,000	\$20	900	\$19	-	-
CARP . . . . .	(1)	(1)	(1)	1	-	-
CHUBS . . . . .	15,000	2,388	163,800	31,123	31,100	\$6,942
LAKE HERRING . . . . .	4,524,100	153,178	6,290,900	314,545	3,890,200	228,556
LAKE TROUT . . . . .	2,161,200	849,699	553,000	265,421	239,500	91,861
PIKE OR PICKEREL (JACKS) . . . . .	-	-	1,500	214	-	-
SAUGER . . . . .	100	25	-	-	-	-
SMELT . . . . .	(1)	3	1,000	127	-	-
SUCKER "MULLET" . . . . .	50,200	1,987	32,300	1,938	-	-
WHITEFISH:						
COMMON . . . . .	477,300	114,554	712,500	268,570	10,800	3,333
MENOMINEE . . . . .	17,000	2,234	2,100	211	4,900	739
YELLOW PERCH . . . . .	5,300	687	100	8	-	-
YELLOW PIKE . . . . .	2,100	549	33,500	8,366	-	-
CRAWFISH . . . . .	-	-	(1)	1	-	-
TOTAL . . . . .	7,253,300	1,125,324	7,791,600	890,544	4,176,500	331,431

SEE FOOTNOTES AT END OF TABLE

(CONTINUED ON NEXT PAGE)



# LAKE FISHERIES

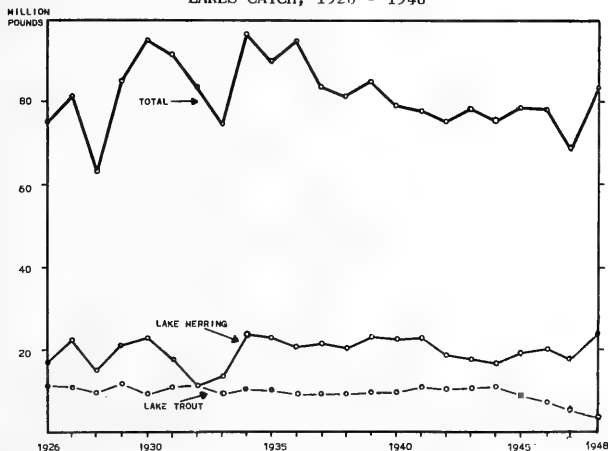
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## UNITED STATES: CATCH BY LAKES, 1948 - Continued

SPECIES	LAKE SUPERIOR - CONT'D.		LAKE OF THE WOODS, RAINY LAKE, AND NAMAKAN LAKE		TOTAL, ALL LAKES	
	TOTAL		POUNDS	VALUE	POUNDS	VALUE
	POUNDS	VALUE				
BLUE PIKE . . . . .	-	-	-	-	9,121,500	\$1,218,117
BOWFIN . . . . .	-	-	-	-	18,300	705
BUFFALOFISH . . . . .	-	-	-	-	5,000	900
BULLHEADS . . . . .	-	-	22,200	\$4,099	408,900	52,497
BURBOT . . . . .	1,900	\$39	226,200	7,240	674,900	16,711
CARP . . . . .	(1)	1	6,800	375	4,177,500	189,034
CATFISH . . . . .	-	-	-	-	873,400	192,297
CHUBS . . . . .	209,900	40,453	-	-	6,297,700	1,256,531
CISCO . . . . .	-	-	-	-	263,000	76,240
EELS . . . . .	-	-	-	-	17,400	1,494
GARFISH . . . . .	-	-	-	-	(1)	-
GIZZARD SHAD . . . . .	-	-	-	-	29,400	294
GOLDFISH . . . . .	-	-	-	-	119,600	5,956
LAKE HERRING . . . . .	14,705,200	696,279	-	-	24,370,600	1,176,275
LAKE TROUT . . . . .	2,953,700	1,206,981	-	-	4,154,700	1,753,326
MOONEYE . . . . .	-	-	-	-	6,500	325
PIKE OR PICKEREL (JACKS) . . . . .	1,500	214	74,200	7,879	175,400	19,672
ROCK BASS . . . . .	-	-	-	-	46,700	4,652
SAUGER . . . . .	100	25	74,000	10,309	326,800	53,999
SHEEPSHEAD . . . . .	-	-	-	-	3,737,200	187,217
SMELT . . . . .	1,000	130	-	-	1,132,600	177,639
STURGEON . . . . .	-	-	-	-	24,500	24,855
SUCKER "MULLET" . . . . .	82,500	3,925	96,400	3,298	3,776,200	207,635
SUNFISH . . . . .	-	-	-	-	13,200	1,023
TULLIBEE . . . . .	-	-	1,105,500	103,809	1,105,500	103,809
WHITE BASS . . . . .	-	-	-	-	498,400	85,740
WHITFISH:						
COMMON . . . . .	1,200,600	386,457	32,800	7,203	12,250,100	3,783,922
MENOMINEE . . . . .	24,000	3,184	-	-	159,800	25,215
YELLOW PERCH . . . . .	5,400	695	25,000	4,140	4,918,600	754,540
YELLOW PIKE . . . . .	35,600	8,915	328,400	69,163	5,248,400	1,316,781
CRAWFISH . . . . .	(1)	1	-	-	7,200	2,171
<b>TOTAL . . . . .</b>	<b>19,221,400</b>	<b>2,347,299</b>	<b>1,991,500</b>	<b>217,515</b>	<b>83,959,000</b>	<b>12,689,582</b>

1/ LESS THAN 50 POUNDS OR 50 CENTS.  
2/ PRODUCTION ESTIMATED FROM PARTIAL INFORMATION.

### LAKES CATCH, 1926 - 1948



## LAKE FISHERIES

## UNITED STATES: CATCH BY LAKE, STATE AND GEAR, 1948

SPECIES	LAKE ONTARIO							
	NEW YORK				TOTAL			
	GILL NETS		TRAP NETS		FYKE NETS			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUE PIKE . . . . .	111,300	\$22,282	6,800	\$1,683	800	\$200	118,900	\$24,165
BULLHEADS . . . . .	10,600	2,765	29,800	6,347	22,200	4,785	62,600	13,897
CARP . . . . .	4,000	90	14,800	433	2,000	60	20,800	583
CATFISH . . . . .	-	-	300	26	-	-	300	26
CISCO . . . . .	49,300	10,205	500	77	-	-	49,800	10,282
EELS . . . . .	6,000	600	9,700	741	1,700	153	17,400	1,494
GARFISH . . . . .	-	-	(1)	(1)	-	-	(1)	(1)
LAKE TROUT . . . . .	300	99	-	-	-	-	300	99
PIKE OR PICKEREL (JACKS) . . . . .	700	75	5,800	538	1,200	135	7,700	748
ROCK BASS . . . . .	7,400	516	13,800	707	300	24	21,500	1,247
SHEEPSHEAD . . . . .	(1)	3	(1)	1	-	-	(1)	4
STURGEON . . . . .	2,200	2,624	400	413	-	-	2,600	3,037
SUCKER MULLET <sup>II</sup> . . . . .	8,000	561	8,600	269	1,800	63	18,400	893
SUNFISH . . . . .	2,100	209	10,600	778	500	36	13,200	1,023
WHITE BASS . . . . .	-	-	(1)	5	-	-	(1)	5
WHITEFISH, COMMON . . . . .	7,600	1,998	600	188	-	-	8,200	2,186
YELLOW PERCH . . . . .	29,000	3,505	11,000	952	1,500	109	41,500	4,566
YELLOW PIKE . . . . .	1,300	377	1,000	276	-	-	2,300	653
TOTAL . . . . .	239,800	45,909	113,700	13,434	32,000	5,565	385,500	64,908

SPECIES	LAKE ERIE					
	NEW YORK				PENNSYLVANIA	
	GILL NETS		TRAP NETS		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUE PIKE . . . . .	549,000	\$61,744	4,000	\$448	553,000	\$62,192
BURBOT . . . . .	2,700	68	3,500	42	6,200	110
CARP . . . . .	(1)	1	1,000	60	1,000	61
CATFISH . . . . .	200	31	500	95	700	126
CISCO . . . . .	19,000	5,785	-	-	19,000	5,785
SHEEPSHEAD . . . . .	(1)	4	-	-	(1)	4
STURGEON . . . . .	100	88	-	-	100	88
SUCKER MULLET <sup>II</sup> . . . . .	2,400	106	-	-	2,400	106
WHITE BASS . . . . .	7,700	698	-	-	7,700	698
WHITEFISH, COMMON . . . . .	301,500	9,333	-	-	301,500	9,333
YELLOW PERCH . . . . .	29,800	4,129	500	69	30,300	4,198
YELLOW PIKE . . . . .	1,300	470	200	52	1,500	522
TOTAL . . . . .	913,700	82,457	9,700	766	923,400	83,223

SPECIES	LAKE ERIE - CONTINUED							
	PENNSYLVANIA - CONTINUED				OHIO			
	POUND NETS		TOTAL		GILL NETS		TRAP NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUE PIKE . . . . .	27,800	\$3,895	1,472,800	\$222,424	230,200	\$29,926	6,726,400	\$874,432
BULLHEADS . . . . .	-	-	-	-	400	50	47,600	5,950
BURBOT . . . . .	-	-	300	16	16,400	492	335,300	6,706
CARP . . . . .	2,000	35	2,000	35	19,200	1,152	201,200	14,084
CATFISH . . . . .	200	22	200	22	2,700	513	315,600	69,432
CISCO . . . . .	400	112	99,700	29,921	66,800	21,376	27,700	8,864
GOLDFISH . . . . .	-	-	-	-	-	-	8,900	445
LAKE TROUT . . . . .	(1)	4	(1)	4	-	-	(1)	5
MOONEYE . . . . .	-	-	-	-	-	-	1,100	55
PIKE OR PICKEREL (JACKS) . . . . .	-	-	-	-	-	-	100	12
SAUGER . . . . .	-	-	-	-	82,100	12,315	143,700	25,866
SHEEPSHEAD . . . . .	5,800	117	8,200	341	4,600	437	2,595,100	129,755
STURGEON . . . . .	100	30	100	30	19,400	1,800	1,800	1,800
SUCKER MULLET <sup>II</sup> . . . . .	1,500	45	3,100	101	5,400	189	405,600	20,285
WHITE BASS . . . . .	5,200	573	10,100	1,047	10,300	978	284,800	51,246
WHITEFISH, COMMON . . . . .	47,900	13,420	861,900	256,310	346,700	105,744	1,256,000	439,600
YELLOW PERCH . . . . .	12,900	1,811	62,100	9,159	570,100	82,664	1,953,900	293,085
YELLOW PIKE . . . . .	10,500	2,412	13,300	2,880	101,300	20,260	3,363,200	840,800
TOTAL . . . . .	114,300	22,476	2,533,800	522,290	1,475,600	295,496	17,668,000	2,782,422

SEE FOOTNOTES AT END OF TABLE.

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## LAKE FISHERIES

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## UNITED STATES: CATCH BY LAKE, STATE AND GEAR, 1948 - Continued

SPECIES	LAKE ERIE - CONT'D.		LAKE HURON					
	MICHIGAN - CONT'D.		MICHIGAN					
	TOTAL		GILL NETS		POUND NETS		TRAP NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
WHITE BASS. . . . .	32,900	\$4,297	-	-	-	-	(1)	(1)
WHITEFISH:								
COMMON. . . . .	9,500	2,250	62,500	\$18,562	27,500	\$8,167	2,881,900	\$855,879
MENOMINEE. . . . .	-	-	24,700	4,745	(1)	4	1,400	267
YELLOW PERCH. . . . .	17,500	4,284	31,700	4,408	3,300	459	560,100	77,878
YELLOW PIKE. . . . .	402,900	103,201	5,200	1,365	500	131	178,700	46,916
TOTAL. . . . .	1,248,300	156,529	400,800	75,830	226,900	19,548	6,529,700	1,162,149
	LAKE HURON - CONTINUED							
	MICHIGAN - CONTINUED							
	FYKE NETS		HAUL SEINES		LINES, SET		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN. . . . .	1,300	\$38	300	\$9	-	-	10,200	\$301
BULLHEADS. . . . .	17,200	1,949	8,100	917	(1)	-\$1	54,200	6,142
BURBOT. . . . .	-	-	(1)	(1)	-	-	500	21
CARP. . . . .	43,800	1,605	1,081,700	39,655	15	2	1,458,900	53,483
CATFISH. . . . .	2,200	519	53,800	12,696	(1,400)	3,634	193,500	45,663
CHUBS. . . . .	-	-	-	-	-	-	158,800	40,402
GIZZARD SHAD. . . . .	-	-	-	-	-	-	29,400	294
LAKE HERRING. . . . .	200	11	200	11	-	-	1,636,400	89,034
LAKE TROUT. . . . .	-	-	-	-	-	-	4,000	1,695
PIKE OR PICKEREL (JACKS). . . . .	5,600	593	4,400	466	-	-	46,300	4,902
ROCK BASS. . . . .	5,000	590	500	59	-	-	15,900	1,878
SAUGER. . . . .	-	-	-	-	-	-	2,300	505
SHEEPSHEAD. . . . .	(1)	(1)	-	-	-	-	4,000	200
SMELT. . . . .	-	-	-	-	-	-	500	28
SUCKER "MULLET" . . . . .	149,700	8,429	151,200	8,571	-	-	1,304,600	73,953
WHITE BASS. . . . .	-	-	-	-	-	-	(1)	(1)
WHITEFISH:								
COMMON. . . . .	-	-	-	-	-	-	2,971,900	882,608
MENOMINEE. . . . .	-	-	-	-	-	-	26,100	5,016
YELLOW PERCH. . . . .	77,400	10,762	20,500	2,850	900	125	693,900	96,482
YELLOW PIKE. . . . .	900	236	39,500	10,370	-	-	224,800	59,018
TOTAL. . . . .	302,300	24,732	1,360,200	75,604	16,300	3,762	8,836,200	1,361,625
	LAKE MICHIGAN							
	MICHIGAN							
	GILL NETS		POUND NETS		TRAP NETS		FYKE NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN. . . . .	-	-	-	-	-	-	(1)	(1)
BULLHEADS. . . . .	(1)	-\$1	100	\$12	6,900	\$919	2,100	\$280
BURBOT. . . . .	8,500	402	900	43	2,100	99	200	9
CARP. . . . .	200	9	100	27	37,200	1,646	500	22
CATFISH. . . . .	-	-	-	-	700	197	100	28
CHUBS. . . . .	2,083,400	408,980	(1)	(1)	-	-	-	-
GARFISH. . . . .	(1)	(1)	-	-	-	-	-	-
LAKE HERRING. . . . .	1,721,900	76,624	1,145,100	50,957	10,300	459	500	22
LAKE TROUT. . . . .	574,400	243,037	11,400	4,823	2,500	1,058	600	254
PIKE OR PICKEREL (JACKS). . . . .	1,800	226	1,200	151	9,300	1,169	4,800	603
ROCK BASS. . . . .	-	-	(1)	(1)	1,000	88	400	35
SAUGER. . . . .	100	17	100	8	100	17	-	-
SHEEPSHEAD. . . . .	-	-	-	-	6,100	509	-	-
SHEEPSHEAD. . . . .	204,100	36,443	422,700	75,476	-	-	300	25
SUCKER "MULLET" . . . . .	333,300	18,480	78,700	4,364	807,600	44,778	29,300	1,625
WHITEFISH:								
COMMON. . . . .	2,593,900	799,176	1,557,800	479,956	111,000	34,199	-	-
MENOMINEE. . . . .	99,000	15,820	800	128	1,300	208	-	-
YELLOW PERCH. . . . .	261,300	51,970	4,700	935	26,100	5,191	6,300	1,253
YELLOW PIKE. . . . .	170,400	47,595	124,500	34,774	255,000	71,225	29,700	8,296
TOTAL. . . . .	8,052,300	1,698,780	3,348,700	651,682	1,277,200	161,761	74,800	12,452

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

## LAKE FISHERIES

## UNITED STATES: CATCH BY LAKE, STATE AND GEAR, 1948 - Continued

SPECIES	LAKE MICHIGAN - CONTINUED							
	MICHIGAN - CONTINUED							
	HAUL SEINES		LINES, SET		LINES, TROLL		SPEARS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CARP . . . . .	24,600	\$1,088	-	-	-	-	-	-
LAKE TROUT . . . . .	-	-	300	\$127	-	-	-	-
PIKE OR PICKEREL (JACKS) . . . . .	-	-	-	-	-	-	(1)	\$2
SAUGER . . . . .	(1)	(1)	-	-	-	-	-	-
SUCKER "MULLET" . . . . .	200	11	-	-	-	-	-	-
YELLOW PERCH . . . . .	-	-	500	100	100	\$20	-	-
YELLOW PIKE . . . . .	-	-	-	-	20,200	5,642	-	-
TOTAL . . . . .	24,800	1,099	800	227	20,300	5,662	(1)	2

SPECIES	LAKE MICHIGAN - CONTINUED							
	MICHIGAN - CONT'D.		INDIANA 2/		ILLINOIS		WISCONSIN	
	TOTAL		GILL NETS		GILL NETS		GILL NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN . . . . .	(1)	(1)	-	-	-	-	-	-
BULLHEADS . . . . .	9,100	\$1,212	-	-	-	-	200	\$14
BURBOT . . . . .	11,700	553	-	-	-	-	8,800	176
CARP . . . . .	63,100	2,792	-	-	-	-	2,100	84
CATFISH . . . . .	900	253	-	-	-	-	100	13
CHUBS . . . . .	2,083,400	408,980	-	-	1,316,800	\$289,690	2,493,400	470,277
GARFISH . . . . .	(1)	(1)	-	-	-	-	-	-
LAKE HERRING . . . . .	2,877,800	128,062	8,000	\$800	42,900	7,083	1,626,000	81,303
LAKE TROUT . . . . .	589,200	249,299	-	-	65,300	35,932	413,000	197,286
PIKE OR PICKEREL (JACKS) . . . . .	17,100	2,151	-	-	-	-	400	53
ROCK BASS . . . . .	1,400	123	-	-	-	-	-	-
SAUGER . . . . .	200	34	-	-	-	-	-	-
SHEEPSHEAD . . . . .	6,500	541	-	-	-	-	500	34
SMELT "MULLET" . . . . .	626,800	111,919	-	-	-	-	332,700	43,250
SUCKER "MULLET" . . . . .	1,249,100	69,258	300	15	-	-	327,000	19,322
WHITEFISH:								
COMMON . . . . .	4,262,700	1,313,331	-	-	-	-	419,500	159,393
MENOMINEE . . . . .	101,100	16,156	-	-	-	-	8,400	837
YELLOW PERCH . . . . .	299,000	59,469	16,000	1,600	194,700	42,822	366,300	54,948
YELLOW PIKE . . . . .	599,800	167,532	(1)	9	-	-	2,000	491
TOTAL . . . . .	12,798,900	2,531,665	24,300	2,424	1,619,700	375,527	5,995,400	1,027,481

SPECIES	LAKE MICHIGAN - CONTINUED							
	WISCONSIN - CONTINUED							
	POUND NETS		TRAP NETS		FYKE NETS		HAUL SEINES	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BULLHEADS . . . . .	300	\$19	-	-	105,400	\$7,377	100	\$5
BURBOT . . . . .	64,400	1,239	-	-	1,300	26	-	-
CARP . . . . .	1,000	38	-	-	134,100	5,362	893,700	35,750
CATFISH . . . . .	500	63	-	-	2,800	387	22,000	3,085
CHUBS . . . . .	35,300	6,705	-	-	-	-	100	24
LAKE HERRING . . . . .	3,412,500	170,625	-	-	61,800	3,089	-	-
LAKE TROUT . . . . .	108,300	51,976	-	-	24,700	1,729	13,900	976
PIKE OR PICKEREL (JACKS) . . . . .	500	69	-	-	16,400	2,294	400	53
SHEEPSHEAD . . . . .	11,800	825	-	-	24,700	1,729	13,900	976
SMELT "MULLET" . . . . .	171,500	22,302	-	-	100	10	-	-
SUCKER "MULLET" . . . . .	26,100	1,686	-	-	200,700	12,042	4,700	282
WHITEFISH:								
COMMON . . . . .	562,300	213,662	-	-	1,800	678	900	337
MENOMINEE . . . . .	200	22	-	-	(1)	(1)	-	-
YELLOW PERCH . . . . .	50,700	7,597	-	-	585,900	87,890	400	51
YELLOW PIKE . . . . .	4,900	1,222	-	-	26,200	6,555	3,100	785
CRAWFISH . . . . .	-	-	7,200	\$2,170	-	-	-	-
TOTAL . . . . .	4,452,300	478,099	7,200	2,170	1,161,200	127,439	939,300	41,348

SEE FOOTNOTES AT END OF TABLE.

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LAKE FISHERIES

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UNITED STATES: CATCH BY LAKE, STATE AND GEAR, 1948 - Continued

SPECIES	LAKE MICHIGAN - CONTINUED						LAKE SUPERIOR	
	WISCONSIN - CONTINUED						MICHIGAN	
	TRAMMEL NETS		LINES, SET		TOTAL		GILL NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BULLHEADS . . . . .	-	-	-	-	106,000	\$7,415	-	-
BURBOT . . . . .	-	-	1,600	\$32	76,100	1,522	300	\$5
CARP . . . . .	1,100	\$46	-	-	1,032,000	41,290	-	-
CHUBS . . . . .	-	-	-	-	25,400	3,548	-	-
CATFISH . . . . .	-	-	-	-	2,528,800	477,006	15,000	2,386
LAKE HERRING . . . . .	-	-	-	-	5,100,300	255,017	4,490,000	152,023
LAKE TROUT . . . . .	-	-	20,900	10,049	542,200	259,311	1,610,100	633,028
PIKE OR PICKEREL (JACKS) . . . . .	-	-	-	-	17,700	2,469	-	-
SAUGER . . . . .	-	-	-	-	-	-	(1)	7
SHEEPSHEAD . . . . .	-	-	-	-	50,900	3,564	-	-
SMELT . . . . .	-	-	-	-	504,300	65,562	(1)	3
SUCKER "MULLET" . . . . .	600	32	-	-	556,100	33,364	36,800	1,456
WHITEFISH:								
COMMON . . . . .	-	-	-	-	984,500	374,070	198,200	47,568
MENOMINEE . . . . .	-	-	-	-	8,600	859	16,100	2,115
YELLOW PERCH . . . . .	-	-	300	50	1,003,600	150,536	5,200	671
YELLOW PIKE . . . . .	-	-	-	-	36,200	9,053	200	52
CRAWFISH . . . . .	-	-	-	-	7,200	2,170	-	-
TOTAL . . . . .	1,700	78	22,800	10,131	12,579,900	1,686,746	6,371,900	839,314

SPECIES	LAKE SUPERIOR - CONTINUED							
	MICHIGAN - CONTINUED							
	POUND NETS		TRAP NETS		FYKE NETS		HAUL SEINES	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BURBOT . . . . .	(1)	\$1	-	-	(1)	(1)	-	-
CARP . . . . .	-	-	-	-	(1)	(1)	-	-
CHUBS . . . . .	(1)	2	-	-	-	-	-	-
LAKE HERRING . . . . .	12,800	434	-	-	-	-	21,300	\$721
LAKE TROUT . . . . .	21,900	8,610	4,300	\$1,691	-	-	-	-
SAUGER . . . . .	-	-	100	16	(1)	\$2	-	-
SUCKER "MULLET" . . . . .	8,800	348	2,400	95	2,200	87	(1)	1
WHITEFISH:								
COMMON . . . . .	258,900	62,136	20,200	4,847	(1)	3	-	-
MENOMINEE . . . . .	100	13	-	-	(1)	1	800	105
YELLOW PERCH . . . . .	100	13	(1)	3	-	-	-	-
YELLOW PIKE . . . . .	1,100	288	700	183	100	26	-	-
TOTAL . . . . .	303,700	71,845	27,700	6,835	2,300	119	22,100	827

SPECIES	LAKE SUPERIOR - CONTINUED							
	MICHIGAN - CONTINUED							
	LINES, SET		LINES, TROLL		SPEARS		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BURBOT . . . . .	700	\$14	-	-	-	-	1,000	\$20
CARP . . . . .	-	-	-	-	-	-	(1)	(1)
CHUBS . . . . .	-	-	-	-	-	-	15,000	2,388
LAKE HERRING . . . . .	-	-	-	-	-	-	4,524,100	153,178
LAKE TROUT . . . . .	417,400	164,105	107,200	\$42,147	300	\$118	2,161,200	849,699
SAUGER . . . . .	-	-	-	-	-	-	100	25
SMELT . . . . .	-	-	-	-	-	-	(1)	3
SUCKER "MULLET" . . . . .	-	-	-	-	-	-	50,200	1,987
WHITEFISH:								
COMMON . . . . .	-	-	-	-	-	-	477,300	114,554
MENOMINEE . . . . .	-	-	-	-	-	-	17,000	2,234
YELLOW PERCH . . . . .	-	-	-	-	-	-	5,300	687
YELLOW PIKE . . . . .	-	-	-	-	-	-	2,100	549
TOTAL . . . . .	418,100	164,119	107,200	42,147	300	118	7,253,300	1,125,324

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

## LAKE FISHERIES

## UNITED STATES: CATCH BY LAKE, STATE AND GEAR, 1948 - Continued

SPECIES	LAKE ERIE - CONTINUED							
	OHIO - CONTINUED							
	FYKE NETS		HAUL SEINES		BAR NETS		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUE PIKE . . . . .	100	\$13	400	\$52	-	-	6,957,100	\$904,423
BUFFALO FISH . . . . .	200	36	4,800	864	-	-	5,000	900
BULLHEADS . . . . .	6,000	750	49,600	6,200	-	-	103,600	12,950
BURBOT . . . . .	(1)	(1)	200	4	-	-	351,900	7,202
CARP . . . . .	23,100	1,617	815,400	57,078	100	\$7	1,029,000	73,938
CATFISH . . . . .	4,200	924	302,800	66,616	(1)	(1)	625,300	137,485
CISCO . . . . .	-	-	-	-	(1)	(1)	94,500	30,252
GOLDFISH . . . . .	-	-	110,000	5,500	-	12	118,900	5,945
LAKE TROUT . . . . .	-	-	-	-	-	-	(1)	5
MOONEYE . . . . .	-	-	5,400	270	-	-	6,500	325
PIKE OR PICKEREL (JACKS) . . . . .	400	48	(1)	2	-	-	500	62
SAUGER . . . . .	400	72	19,600	3,528	-	-	245,800	41,781
SHEEPSHEAD . . . . .	25,400	1,270	962,200	48,110	-	-	3,587,300	179,572
STURGEON . . . . .	100	100	400	400	-	-	21,700	21,700
SUCKER "MULLET" . . . . .	4,700	235	5,900	290	(1)	1	421,600	21,000
WHITE BASS . . . . .	19,000	3,420	133,600	24,048	(1)	1	447,700	73,693
WHITEFISH, COMMON . . . . .	3,300	1,155	800	280	9,700	3,395	1,616,500	550,174
YELLOW PERCH . . . . .	1,700	255	3,900	585	-	-	2,529,600	376,589
YELLOW PIKE . . . . .	55,700	13,925	83,200	20,800	200	50	3,603,600	895,835
TOTAL . . . . .	144,300	23,820	2,498,200	234,627	10,000	3,466	21,796,100	3,339,831

SPECIES	LAKE ERIE - CONTINUED							
	MICHIGAN							
	TRAP NETS		FYKE NETS		HAUL SEINES		LINES, SET	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUE PIKE . . . . .	19,700	\$4,913	-	-	-	-	-	-
BOFWIN . . . . .	1,300	63	6,800	\$341	-	-	-	-
BULLHEADS . . . . .	12,800	1,696	33,600	4,449	4,100	\$544	700	\$93
BURBOT . . . . .	(1)	2	100	6	-	-	-	-
CARP . . . . .	129,600	4,003	53,100	1,640	350,900	10,833	300	10
CATFISH . . . . .	11,700	2,234	5,800	1,107	4,900	936	4,700	897
GOLDFISH . . . . .	700	21	-	-	-	-	-	-
PIKE OR PICKEREL (JACKS) . . . . .	3,100	372	6,000	719	1,300	156	-	-
ROCK BASS . . . . .	4,400	782	3,400	604	100	18	-	-
SAUGER . . . . .	4,100	1,253	300	92	-	-	-	-
SHEEPSHEAD . . . . .	59,800	2,227	10,900	406	8,500	317	1,100	41
SUCKER "MULLET" . . . . .	36,900	1,524	4,600	190	200	8	-	-
WHITE BASS . . . . .	27,600	3,605	4,200	548	1,100	144	-	-
WHITEFISH, COMMON . . . . .	9,500	2,250	-	-	-	-	-	-
YELLOW PERCH . . . . .	10,200	2,497	7,000	1,714	200	49	100	24
YELLOW PIKE . . . . .	367,500	94,133	32,200	8,248	3,100	794	100	26
TOTAL . . . . .	698,900	121,575	168,000	20,064	374,400	13,799	7,000	1,091

SPECIES	LAKE ERIE - CONT'D.				LAKE HURON			
	MICHIGAN - CONT'D.				MICHIGAN			
	TOTAL		GILL NETS		POUND NETS		TRAP NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUE PIKE . . . . .	19,700	\$4,913	-	-	-	-	-	-
BOFWIN . . . . .	8,100	404	-	(1)	-	-	8,600	\$254
BULLHEADS . . . . .	51,200	6,782	(1)	(1)	-	-	28,900	3,275
BURBOT . . . . .	100	8	100	\$4	-	-	400	17
CARP . . . . .	533,900	16,486	87,500	3,207	1,700	\$62	244,200	8,952
CATFISH . . . . .	27,100	5,174	2,800	661	800	189	118,500	27,964
CHUBS . . . . .	-	-	158,700	40,376	-	-	100	26
GIZZARD SHAD . . . . .	-	-	-	-	-	-	29,400	294
GOLDFISH . . . . .	700	21	-	-	-	-	-	-
LAKE HERRING . . . . .	-	-	11,000	598	186,700	10,158	1,438,300	78,256
LAKE TROUT . . . . .	-	-	2,600	1,102	(1)	15	1,400	578
PIKE OR PICKEREL (JACKS) . . . . .	10,400	1,247	100	10	-	-	36,200	3,833
ROCK BASS . . . . .	7,900	1,404	(1)	2	-	-	10,400	1,227
SAUGER . . . . .	4,400	1,345	(1)	2	-	-	2,300	503
SHEEPSHEAD . . . . .	80,300	2,991	(1)	(1)	-	-	4,000	200
SHELT . . . . .	-	-	(1)	(1)	-	-	500	28
SUCKER "MULLET" . . . . .	41,700	1,722	13,900	788	6,400	363	984,400	55,802

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

## LAKE FISHERIES

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## UNITED STATES: CATCH BY LAKE, STATE AND GEAR, 1948 - Continued

SPECIES	LAKE SUPERIOR - CONTINUED							
	WISCONSIN							
	GILL NETS		POUND NETS		LINES, SET		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BURBOT . . . . .	500	\$11	-	-	400	\$8	900	\$19
CARP . . . . .	(1)	(1)	(1)	\$1	-	-	(1)	1
CHUBS . . . . .	163,800	31,118	(1)	5	-	-	163,800	31,123
LAKE HERRING . . . . .	6,194,200	309,709	96,700	4,836	-	-	6,290,900	314,545
LAKE TROUT . . . . .	426,100	204,516	88,700	42,567	38,200	18,338	553,000	265,421
PIKE OR PICKEREL (JACKS) . . . . .	(1)	6	1,500	208	-	-	1,500	214
SHELT "MULLET" . . . . .	1,000	126	(1)	1	-	-	1,000	127
SUCKER "MULLET" . . . . .	8,000	482	24,300	1,455	(1)	1	32,300	1,938
WHITEFISH:								
COMMON . . . . .	181,700	69,009	530,800	199,561	-	-	712,500	268,570
MENOMINEE . . . . .	2,000	196	100	15	-	-	2,100	211
YELLOW PERCH . . . . .	100	8	-	-	-	-	100	8
YELLOW PIKE . . . . .	1,100	261	32,400	8,105	-	-	33,500	8,366
CRAWFISH . . . . .	(1)	1	-	-	-	-	(1)	1
TOTAL . . . . .	6,978,500	615,443	774,500	256,754	38,600	18,347	7,791,600	890,544
SPECIES	LAKE SUPERIOR-CONT'D.				LAKE OF THE WOODS			
	MINNESOTA				MINNESOTA			
	GILL NETS		GILL NETS		POUND NETS		FYKE NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BULLHEADS . . . . .	-	-	2,500	\$462	2,600	\$480	17,100	\$3,157
BURBOT . . . . .	-	-	39,500	1,285	150,200	4,888	21,400	696
CARP . . . . .	-	-	1,100	61	5,700	314	-	-
CHUBS . . . . .	31,100	\$6,942	-	-	-	-	-	-
LAKE HERRING . . . . .	3,890,200	228,556	-	-	-	-	-	-
LAKE TROUT . . . . .	239,500	91,861	-	-	-	-	-	-
PIKE OR PICKEREL (JACKS) . . . . .	-	-	39,100	4,152	19,500	2,071	4,600	488
SAUGER . . . . .	-	-	60,100	8,372	12,400	1,727	1,500	209
SUCKER "MULLET" . . . . .	-	-	36,400	1,355	28,900	1,075	3,500	130
TULLIBEE . . . . .	-	-	833,900	80,439	225,300	21,733	3,700	357
WHITEFISH:								
COMMON . . . . .	10,800	3,333	1,300	237	3,800	693	(1)	2
MENOMINEE . . . . .	4,900	739	-	-	-	-	-	-
YELLOW PERCH . . . . .	-	-	19,400	3,216	3,100	514	2,000	332
YELLOW PIKE . . . . .	-	-	190,400	40,105	107,400	22,623	5,900	1,116
TOTAL . . . . .	4,176,500	331,431	1,223,700	139,684	558,900	56,118	59,100	6,487
SPECIES	LAKE OF THE WOODS - CONT'D.		NAMAKAN LAKE		RAINY LAKE			
	MINNESOTA - CONT'D.		MINNESOTA		MINNESOTA			
	TOTAL		GILL NETS		GILL AND POUND NETS 3/			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE		
BULLHEADS . . . . .	22,200	\$4,099	-	-	-	-		
BURBOT . . . . .	211,100	6,869	4,700	\$65	10,400	\$306		
CARP . . . . .	6,800	375	-	-	-	-		
PIKE OR PICKEREL (JACKS) . . . . .	63,200	6,711	-	-	11,000	1,168		
SAUGER . . . . .	74,000	10,308	-	-	(1)	1		
SUCKER "MULLET" . . . . .	68,800	2,560	3,200	25	24,400	713		
TULLIBEE . . . . .	1,062,900	102,529	8,700	272	33,900	1,008		
WHITEFISH, COMMON . . . . .	5,100	932	9,200	1,737	18,500	4,534		
YELLOW PERCH . . . . .	24,500	4,062	-	-	500	78		
YELLOW PIKE . . . . .	303,100	63,844	-	-	25,300	5,319		
TOTAL . . . . .	1,841,700	202,289	25,800	2,099	124,000	13,127		

1/ LESS THAN 50 POUNDS OR 50 CENTS.

2/ PRODUCTION ESTIMATED FROM PARTIAL INFORMATION.

3/ ONLY PRODUCTION FIGURES AVAILABLE COMBINE GILL NETS AND POUND NETS.

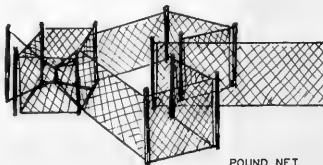
## LAKE FISHERIES

MANUFACTURED FISHERY PRODUCTS,  
VARIOUS YEARS 1/

ITEM			NEW YORK AND PENNSYLVANIA		OHIO		MICHIGAN	
	YEAR	UNIT	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
BY MANUFACTURING ESTABLISHMENTS:								
ALEWIVES, SPICED. . . . .	1940	POUNDS	405,000	\$40,500	75,000	\$7,500	5,000	\$700
BLUE PIKE:								
FRESH FILLETS . . . . .	1948	DO	677,460	281,825	588,156	286,589	123,550	51,350
FROZEN FILLETS . . . . .	1948	DO	133,460	60,505	98,855	46,554	67,300	30,350
BUTTERFISH, SMOKED. . . . .	1940	DO	-	-	-	-	19,000	5,700
CARP, SMOKED. . . . .	1940	DO	-	-	-	200	2,300	5,750
CHUB, CISCO AND TULLIBEE, SMOKED. . . . .	1940	DO	75,000	23,140	42,000	8,600	225,000	74,330
EELS, SMOKED. . . . .	1940	DO	19,500	4,890	-	-	-	-
HERRING, LAKE:								
FRESH AND FROZEN FILLETS. . . . .	1948	DO	(3)	(3)	-	-	70,967	12,222
SALTED. . . . .	1940	DO	-	-	-	-	625,574	47,788
SMOKED. . . . .	1940	DO	22,200	6,200	-	-	130,542	19,840
HERRING, SEA:								
SPICED. . . . .	1940	DO	200,000	20,000	-	-	10,000	1,000
SMOKED. . . . .	1940	DO	24,000	1,680	-	-	-	-
LAKE TROUT:								
FRESH AND FROZEN FILLETS. . . . .	1948	DO	17,000	9,550	4,500	4,440	11,200	4,990
SMOKED. . . . .	1940	DO	-	-	-	-	143,000	43,440
MACKEREL, SMOKED. . . . .	1940	DO	-	-	-	-	5,200	1,300
MOONEYE, SMOKED. . . . .	1940	DO	-	-	5,000	600	-	-
SABLEFISH, SMOKED. . . . .	1940	DO	-	-	46,000	11,500	222,000	51,710
SALMON:								
SMOKED. . . . .	1940	DO	20,000	6,000	73,000	25,550	97,000	32,400
KIPPED. . . . .	1940	DO	39,000	11,340	-	-	245,000	61,450
SAUGER:								
FRESH FILLETS . . . . .	1948	DO	116,000	48,000	16,195	9,267	24,196	11,498
FROZEN FILLETS. . . . .	1948	DO	43,000	18,520	25,200	16,100	17,797	7,659
SHEEPSHEAD, SMOKED. . . . .	1940	DO	-	-	8,000	1,000	-	-
STURGEON, SMOKED. . . . .	1940	DO	1,000	900	-	-	-	-
WHITEFISH, COMMON:								
FRESH AND FROZEN FILLETS. . . . .	1948	DO	39,820	19,902	28,050	19,575	67,900	28,440
SMOKED. . . . .	1940	DO	34,578	9,758	10,000	3,000	109,500	30,670
WHITEFISH, MENOMINEE, SMOKED. . . . .	1940	DO	-	-	-	-	10,000	2,500
YELLOW PERCH, FRESH AND FROZEN FILLETS	1948	DO	29,314	13,473	143,736	78,007	46,431	22,696
YELLOW PIKE, FRESH AND FROZEN FILLETS	1948	DO	96,400	48,220	74,975	43,907	39,125	21,475
MISCELLANEOUS PRODUCTS AND BYPRODUCTS/	1948	-	-	2,740	-	7,598	-	38,728
TOTAL . . . . .	-	-	-	627,143	-	569,987	-	607,986
BY FISHERMEN:								
BLUE PIKE, FRESH FILLETS. . . . .	1940	POUNDS	-	-	9,000	2,250	-	-
CARP, SMOKED. . . . .	1940	DO	-	-	3,000	300	-	-
CATFISH AND BULLHEADS, SMOKED . . . . .	1940	DO	-	-	7,800	1,560	-	-
HERRING, LAKE:								
SALTED. . . . .	1940	DO	-	-	-	-	120,000	3,500
SMOKED. . . . .	1940	DO	-	-	-	-	4,000	800
LAKE TROUT:								
SALTED. . . . .	1940	DO	-	-	-	-	27,000	2,100
SMOKED. . . . .	1940	DO	-	-	-	-	10,000	3,500
SHEEPSHEAD, SMOKED. . . . .	1940	DO	-	-	15,600	2,340	-	-
SUCKERS, SMOKED 1/2 . . . . .	1940	DO	-	-	-	-	2,000	150
WHITEFISH:								
COMMON, SMOKED. . . . .	1940	DO	-	-	14,400	4,320	4,000	1,400
MENOMINEE, SMOKED . . . . .	1940	DO	-	-	-	-	6,000	1,500
YELLOW PERCH:								
FRESH FILLETS . . . . .	1940	DO	-	-	9,000	2,250	-	-
SMOKED. . . . .	1940	DO	-	-	-	-	600	150
YELLOW PIKE:								
FRESH FILLETS . . . . .	1940	DO	-	-	21,000	5,250	-	-
SMOKED. . . . .	1940	DO	-	-	-	-	600	150
TOTAL . . . . .	-	-	-	-	79,800	18,270	174,200	13,250
GRAND TOTAL . . . . .	-	-	-	627,143	-	588,257	-	621,236

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)



POUND NET



MANUFACTURED FISHERY PRODUCTS, VARIOUS YEARS<sup>1/</sup> - Continued

ITEM			ILLINOIS AND INDIANA		WISCONSIN		MINNESOTA	
	YEAR	UNIT	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
BY MANUFACTURING ESTABLISHMENTS:								
ALEWIVES, SPICED. . . . .	1940	POUNDS	3,012,349	\$301,750	241,150	\$23,160	40,000	\$5,500
BLUE PIKE:								
FRESH FILLETS. . . . .	1948	DO	2/222,032	2/72,121	2/181,500	2/59,870	-	-
FROZEN FILLETS. . . . .	1948	DO	(2)	(2)	(2)	(2)	-	-
BUFFALOFISH, SMOKED. . . . .	1940	DO	10,000	2,500	-	-	-	-
BUTTERFISH, SMOKED. . . . .	1940	DO	5,000	1,500	-	-	-	-
CARP, SMOKED. . . . .	1940	DO	30,000	4,000	10,000	900	-	-
CHUB, CISCO AND TULLIBEE, SMOKED. . . . .	1940	DO	1,789,647	552,796	273,307	80,580	99,718	22,373
EELS, SMOKED. . . . .	1940	DO	30,455	7,626	-	-	-	-
HERRING, LAKE:								
FRESH AND FROZEN FILLETS. . . . .	1948	DO	-	-	95,720	19,210	(3)	(3)
SALTED. . . . .	1940	DO	-	-	1,264,000	42,800	110,000	4,000
SMOKED. . . . .	1940	DO	246,515	33,700	597,400	66,170	81,740	8,552
HERRING, SEA:								
SPICED. . . . .	1940	DO	962,229	111,397	271,750	21,740	140,000	14,000
SMOKED. . . . .	1940	DO	62,400	15,240	-	-	-	-
LAKE TROUT:								
FRESH AND FROZEN FILLETS. . . . .	1948	DO	(3)	(3)	79,500	35,050	-	-
SMOKED. . . . .	1940	DO	194,755	61,458	291,096	81,262	12,920	3,632
SABLEFISH, SMOKED. . . . .	1940	DO	32,495	9,054	106,500	24,900	-	-
SALMON:								
SMOKED. . . . .	1940	DO	607,886	252,669	20,000	5,000	18,000	3,240
KIPPERED. . . . .	1940	DO	195,415	66,740	86,406	19,407	10,000	2,250
SAUGER:								
FRESH FILLETS. . . . .	1948	DO	307,538	140,209	231,000	99,050	-	-
FROZEN FILLETS. . . . .	1948	DO	6,000	2,700	-	-	-	-
SHAD, SMOKED. . . . .	1940	DO	12,000	3,000	-	-	-	-
STURGEON, SMOKED. . . . .	1940	DO	15,000	13,500	-	-	-	-
WHITEFISH, COMMON:								
FRESH AND FROZEN FILLETS. . . . .	1948	DO	31,800	13,695	57,200	29,450	-	-
SMOKED. . . . .	1940	DO	17,091	4,784	19,000	4,750	2,000	600
YELLOW PERCH, FRESH AND FROZEN FILLETS	1948	DO	32,393	20,157	210,500	116,975	-	-
YELLOW PIKE, FRESH AND FROZEN FILLETS	1948	DO	332,591	162,165	109,100	60,570	-	-
MISCELLANEOUS PRODUCTS AND BYPRODUCTS <sup>2/</sup>	1948	-	-	37,085	-	61,446	-	340,139
TOTAL. . . . .	-	-	-	1,889,846	-	852,290	-	404,266
BY FISHERMEN:								
CHUB, CISCO AND TULLIBEE, SMOKED. . . . .	1940	POUNDS	70,000	21,000	33,000	9,900	-	-
HERRING, LAKE, SALTED. . . . .	1940	DO	-	-	48,000	1,400	1,870,000	59,500
LAKE TROUT, SMOKED. . . . .	1940	DO	70,000	21,000	15,400	4,620	-	-
STURGEON ROE, SALTED. . . . .	1940	DO	-	-	-	-	28	28
TOTAL. . . . .	-	-	140,000	42,000	96,400	15,920	1,870,028	59,528
GRAND TOTAL. . . . .	-	-	-	1,931,846	-	868,210	-	463,814

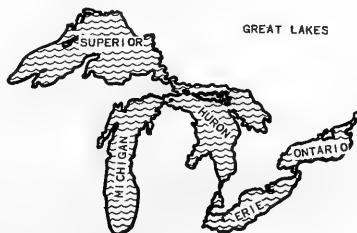
<sup>1/</sup> DATA ON THE PRODUCTION OF VARIOUS PRODUCTS ARE FOR THE YEARS INDICATED.

<sup>2/</sup> FROZEN FILLETS ARE INCLUDED WITH THE FRESH FILLETS.

<sup>3/</sup> INCLUDED WITH MISCELLANEOUS PRODUCTS.

<sup>4/</sup> MISCELLANEOUS PRODUCTS AND BYPRODUCTS IN NEW YORK INCLUDE FRESH LAKE HERRING FILLETS AND FROZEN WHITE BASS FILLETS; IN OHIO, FROZEN PIKE OR PICKEREL FILLETS AND FRESH SHEEPSHEAD AND WHITE BASS FILLETS; IN MICHIGAN, FROZEN PIKE OR PICKEREL AND WHITE BASS FILLETS AND CANNED MULLET; IN ILLINOIS, FROZEN HALIBUT STEAKS AND FRESH CARP, LAKE HERRING, LAKE TROUT, PIKE OR PICKEREL AND SUCKER FILLETS; IN WISCONSIN AND MINNESOTA, FRESH LAKE HERRING FILLETS; CANNED WHITEFISH CAVIAR, CARP, AND CARP FLAKES; BURBOT LIVER OIL; AND UNCLASSIFIED MEAL AND OIL.

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



## LAKE FISHERIES

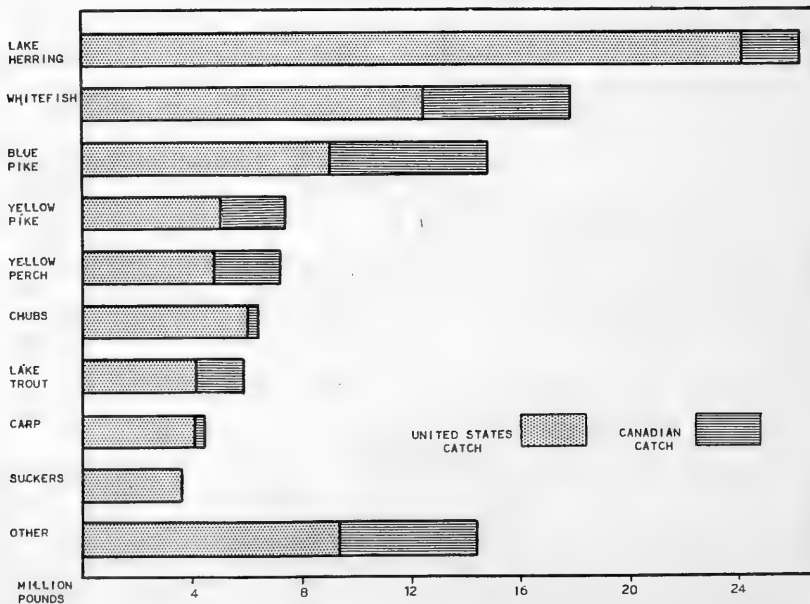
## SUMMARY OF MANUFACTURED FISHERY PRODUCTS, VARIOUS YEARS

SUMMARY OF STATES:		MANUFACTURED FISHERY PRODUCTS	FISHERMEN'S PREPARED PRODUCTS	TOTAL
STATE		VALUE	VALUE	VALUE
NEW YORK . . . . .		\$578,869	-	\$578,869
PENNSYLVANIA . . . . .		48,274	-	48,274
OHIO . . . . .		569,987	\$18,270	588,257
MICHIGAN . . . . .		607,986	13,250	621,236
ILLINOIS . . . . .		1,877,846	42,000	1,919,846
INDIANA . . . . .		12,000	-	12,000
WISCONSIN . . . . .		852,290	15,920	868,210
MINNESOTA . . . . .		404,286	59,528	463,814
TOTAL . . . . .		4,951,538	148,968	5,100,506

SUMMARY OF ITEMS:		UNIT	QUANTITY	VALUE
FRESH AND FROZEN PACKAGED FISH . . . . .	1948	POUNDS	4,661,431	\$2,076,987
FRESH AND FROZEN PACKAGED FISH . . . . .	1940	DO	39,000	9,750
CANNED FISH AND SHELLFISH . . . . .	1948	STANDARD CASES	13,946	409,632
BYPRODUCTS . . . . .	1948	-	-	27,453
SALTED, DRIED AND PICKLED . . . . .	1940	POUNDS	10,426,080	708,363
SMOKED AND KIPPERED . . . . .	1940	DO	6,782,666	1,868,321
TOTAL . . . . .		-	-	5,100,506

UNITED STATES AND CANADA: LAKES CATCH, 1948



## SECTION 9.- MISSISSIPPI RIVER FISHERIES

The most recent catch statistics of the fisheries of the Mississippi River and its Tributaries are those collected for the year 1931. The yield of fishery products in that year amounted to 82,382,523 pounds, valued at \$2,897,357, which was a decrease of 22 percent in quantity and 36 percent in value compared with the quantity and value of the catch in 1922, when the most recent preceding survey was made.

Detailed statistics on the fisheries of the Mississippi River and its Tributaries for 1931 were published in Appendix III to Report of Commissioner of Fisheries for the fiscal year 1933 entitled 'Fishery Industries, of the United States, 1932.'

A summary of these fisheries in 1931 was published in the Bureau of Fisheries annual reports entitled 'Fishery Industries of the United States,' for the years 1933 to 1939, inclusive and in Statistical Bulletin 994. Information regarding the production of cured fishery products in the Mississippi River area in 1931, and byproducts in 1948 appear in the following table.

MANUFACTURED FISHERY PRODUCTS,  
VARIOUS YEARS 1/

ITEM	STATE OF MANUFACTURE	YEAR	UNIT	QUANTITY	VALUE
<b>BY MANUFACTURING ESTABLISHMENTS:</b>					
<b>SMOKED FISH:</b>					
BUFFALOFISH. . . . .	IOWA AND PENNSYLVANIA	1931	POUNDS	25,700	\$3,245
BUTTERFISH . . . . .	PENNSYLVANIA	1931	DO	2,400	600
CARP . . . . .	PENNSYLVANIA	1931	DO	700	245
CHUBS . . . . .	OHIO, TENNESSEE, PENNSYLVANIA	1931	DO	106,600	26,650
EELS . . . . .	NEBRASKA	1931	DO	31,300	8,138
LAKE TROUT . . . . .	PENNSYLVANIA	1931	DO	2,100	315
PADDLEFISH . . . . .	TENNESSEE	1931	DO	20,000	5,000
SABLEFISH . . . . .	OHIO	1931	DO	30,000	10,500
SALMON . . . . .	IOWA, MINNESOTA, OHIO, PENNSYLVANIA	1931	DO	312,400	71,730
STURGEON . . . . .	IOWA, NEBRASKA	1931	DO	183,300	46,595
TULLIFREE . . . . .	IOWA, OHIO, PENNSYLVANIA	1931	DO	108,600	21,360
WHITEFISH . . . . .	MINNESOTA, NEBRASKA, TENNESSEE	1931	DO	275,000	52,200
<b>MUSSEL-SHELL PRODUCTS:</b>					
BUTTONS . . . . .	IOWA, MISSOURI, ILLINOIS	1948	GROSS	5,730,904	4,263,195
LIME . . . . .	IOWA	1948	TONS	1,368	3,678
GRIT FOR POULTRY FEED. . . . .	IOWA, MISSOURI	1948	DO	752	7,522
CHIPS, SHELLS AND SLIDES . . . . .	IOWA, MISSOURI	1948	-	-	38,410
MISCELLANEOUS 2/ . . . . .	IOWA, OHIO	1948	-	-	150,119
TOTAL . . . . .				-	4,709,502
<b>BY FISHERMEN:</b>					
ALLIGATOR HIDES . . . . .	LOUISIANA	1931	POUNDS	88,356	7,363
<b>SMOKED FISH</b>					
CARP . . . . .	ILLINOIS	1931	DO	667	67
SHEEPSHEAD . . . . .	ILLINOIS	1931	DO	617	77
STURGEON . . . . .	ILLINOIS	1931	DO	1,333	400
<b>SALTED:</b>					
PADDLEFISH ROE . . . . .	INDIANA, MISSOURI	1931	DO	1,595	812
STURGEON ROE . . . . .	ILLINOIS	1931	DO	35	32
TOTAL . . . . .				-	8,751
GRAND TOTAL . . . . .				-	4,716,253

1/ DATA FOR MUSSEL-SHELL PRODUCTS, MARINE PEARL-SHELL BUTTONS, AND CANNED TURTLE SOUP ARE FOR 1948. ALL OTHER DATA ARE FOR 1931.

2/ INCLUDES VALUES OF MARINE PEARL-SHELL BUTTONS IN IOWA AND TURTLE SOUP IN OHIO.

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



FRESH-WATER MUSSEL

SECTION 10.- ALASKA FISHERIES <sup>10</sup>

The commercial catch of fishery products in Alaska during 1948 totaled 566,899,963 pounds, valued at \$31,494,805 to the fishermen - a decrease of 8 percent in quantity, but an increase of 13 percent in value compared with 1947. Landings of salmon declined 43,438,006 pounds; however, because of higher prices, the value of the catch increased \$3,573,352. Herring showed a decrease of 13,440,308 pounds, while sablefish landings increased 5,283,915 pounds. The production of halibut and shark recorded minor gains over the 1947 catch.

A total of 123 salmon canneries operated in the territory during 1948, an increase of five plants over the previous year. The salmon pack which totaled 4,014,921 cases was 297,616 cases less than the 1947 production. The decrease was due to reduced packs in the Western and Central Alaska districts. The Southeastern district showed an increase of 21 percent compared with the previous year.

During 1948, the herring catch quotas established by the Fish and Wildlife Service were raised to 970,000 barrels, 70,000 barrels above the 1947 quota. However, the catch amounted to slightly less than 700,000 barrels weighing 250 pounds each, or (174,449,254 pounds). The majority of the catch was used in the manufacture of oil and meal with small quantities being used for salting and for fresh and frozen bait.

As a result of three operations in the Bering Sea, mainly by the factory ships, *Pacific Explorer* and *Deep Sea*, increased landings of king crabs and flounders were made in 1948 as compared with previous years. The production of these crabs increased to 2,133,354 pounds compared with 752,668 pounds the previous year, an increase of 183 percent. As a result of the operations of the factory ships in the Bering Sea the quantity of flounders landed in Alaska increased from 450 pounds in 1947 to 248,474 pounds in 1948.

The halibut fishery operated without price allocation controls for the second full season since the war. Landings of halibut in Alaska increased from 34.0 million pounds (round weight) in 1947 to 34.9 million pounds in 1948.

Razor clam production in 1948 which totaled 1,222,649 pounds was almost double that of the previous year. A price disagreement in 1947 kept the razor clam production in that year considerably below the average annual figure.

The value of products as prepared for market increased to \$116,948,814, a gain of 9 percent compared with the previous year. Salmon accounted for 86 percent of the total; halibut, 6 percent; herring, 5 percent; and all other species, 3 percent. Of the total value of the salmon as prepared for market, 95 percent consisted of canned salmon.

The number of persons engaged in the industry increased from 30,297 in 1947 to 30,767 in 1948. The number of wholesale and manufacturing establishments also increased from 222 to 225 during the year. Detailed information on the number of fishermen, fishing craft, and quantity of gear employed in the fisheries of Alaska during 1948, as well as data on the volume and value of the catch and the production of manufactured fishery products will be found on the following pages. Preliminary statistics of these subjects have been previously published in Current Fisheries Statistics No. 565. Additional information on the fisheries of Alaska during 1948 will be found in 'Alaska Fishery and Fur-seal Industries, 1948'. (Statistical Digest No. 23).

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10 Statistics on the fisheries of Alaska are collected and compiled by the Alaska Branch of the Service.



# ALASKA FISHERIES

## SUMMARY OF DISTRICTS, 1948

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ITEM	SOUTHEAST ALASKA	CENTRAL ALASKA	WESTERN ALASKA	TOTAL 1/
	NUMBER	NUMBER	NUMBER	NUMBER
PERSONS ENGAGED				
IN FISHING . . . . .	6,682	3,014	2,946	12,371
IN TRANSPORTING . . . . .	1,000	899	542	2,319
IN WHOLESALE AND MANUFACTURING INDUSTRIES . . . . .	6,217	5,654	4,435	16,118
<b>TOTAL 1/ . . . . .</b>	<b>13,879</b>	<b>9,546</b>	<b>7,923</b>	<b>30,767</b>
CRAFT EMPLOYED				
VESSELS FISHING . . . . .	1,466	297	25	1,740
BOATS FISHING . . . . .	1,567	1,406	1,471	4,442
VESSELS TRANSPORTING . . . . .	197	177	141	496
BOATS TRANSPORTING . . . . .	64	49	28	127
BOATS USED OTHER THAN IN FISHING OR TRANSPORTING . . . . .	36	59	61	150
SCOWS, HOUSEBOATS, PILE DRIVERS, ETC. . . . .	173	209	122	500
<b>TOTAL 1/ . . . . .</b>	<b>3,500</b>	<b>2,194</b>	<b>1,848</b>	<b>7,449</b>
WHOLESALE AND MANUFACTURING ESTABLISHMENTS . . . . .	98	95	36	225

ITEM	SOUTHEAST ALASKA		CENTRAL ALASKA		WESTERN ALASKA		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FISH:								
SALMON . . . . .	121,507,531	\$11,761,381	118,580,446	\$6,338,153	98,281,693	\$5,044,226	338,369,670	\$23,143,760
OTHER . . . . .	75,430,537	5,521,508	143,086,450	2,232,442	2,577,201	81,043	221,094,188	7,834,993
SHELLFISH . . . . .	3,363,930	240,940	2,238,921	179,111	2,133,354	96,001	7,436,105	516,052
<b>TOTAL . . . . .</b>	<b>200,001,998</b>	<b>17,523,829</b>	<b>263,905,817</b>	<b>8,749,706</b>	<b>102,992,248</b>	<b>5,221,270</b>	<b>566,899,963</b>	<b>31,494,805</b>
PRODUCTS AS PREPARED FOR MARKET								
SALMON . . . . .	76,872,467	33,687,437	66,532,584	31,782,214	67,203,826	35,724,268	210,608,877	101,193,919
HERRING . . . . .	14,945,266	1,101,250	43,443,627	4,593,639	-	-	58,388,893	5,694,889
HALIBUT . . . . .	22,710,512	5,654,701	4,855,622	961,175	-	-	27,566,134	6,615,676
COD . . . . .	5,426	421	-	-	781,505	84,968	786,931	85,389
TROUT . . . . .	45,749	14,997	3,602	895	-	-	49,351	15,892
SABLEFISH . . . . .	4,928,666	966,247	14,841	1,853	-	-	4,943,507	968,100
FLOUNDER . . . . .	-	-	-	-	124,237	11,170	124,237	11,170
ROCKFISHES . . . . .	47,726	2,849	2,663	273	-	-	50,389	3,122
LINGCOD . . . . .	65,700	9,809	137	14	-	-	65,637	9,823
ALBACORE . . . . .	132,039	34,935	-	-	-	-	132,039	34,935
CLAMS . . . . .	11,361	3,448	430,642	498,605	-	-	442,003	502,053
CRABS . . . . .	56,830	55,484	252,142	238,066	572,107	684,260	875,079	977,810
SHRIMP . . . . .	493,271	523,750	-	-	-	-	493,271	523,750
OYSTERS . . . . .	1,026	684	-	-	-	-	1,026	684
SKATE LIVERS . . . . .	10,615	1,086	-	-	-	-	10,615	1,086
SHARK LIVERS (INCLUDING DOGFISH) . . . . .	162,796	80,322	4,436	608	-	-	167,232	80,930
UNCL. LIVERS AND VISCERA . . . . .	17,704	133,906	-	-	-	-	17,704	133,906
UNCL. FISH AND CRAB MEAL . . . . .	-	-	-	-	400,000	16,000	400,000	16,000
FUR-SEAL BYPRODUCTS . . . . .	-	-	-	-	1,039,721	79,480	1,039,721	79,480
<b>TOTAL . . . . .</b>	<b>120,501,154</b>	<b>42,271,326</b>	<b>115,540,296</b>	<b>38,077,342</b>	<b>70,121,396</b>	<b>36,600,146</b>	<b>306,162,846</b>	<b>116,948,814</b>

1/ EXCLUSIVE OF DUPLICATION.

NOTE: DATA OR CATCHES AND PRODUCTS AS PREPARED FOR MARKET INCLUDE FARES OF VESSELS OF U. S. REGISTRY LANDED AT ALASKAN AND BRITISH COLUMBIA PORTS, AND FARES OF COD AND KING CRAB FISHING VESSELS OPERATING ON THE HIGH SEAS OFF THE ALASKAN COAST AND LANDED IN PACIFIC COAST PORTS.

### SUMMARY OF OPERATING UNITS, 1948

ITEM	SOUTHEAST ALASKA	CENTRAL ALASKA	WESTERN ALASKA	TOTAL 1/	ITEM - CONTINUED	SOUTHEAST ALASKA	CENTRAL ALASKA	WESTERN ALASKA	TOTAL 1/
	NUMBER	NUMBER	NUMBER	NUMBER		NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN . . . . .	6,682	3,014	2,946	12,371	APPARATUS - CONTINUED:				
VESSELS FISHING:					GILL NETS . . . . .	663	2,815	1,602	5,080
MOTOR . . . . .	1,466	297	25	1,740	YARDS . . . . .	175,142	381,050	370,622	926,814
NET TONNAGE . . . . .	17,585	5,374	1,264	23,232	BEAM TRAWLS . . . . .	11	-	-	11
BOATS FISHING:					LINES:				
MOTOR . . . . .	1,176	1,233	32	2,439	HAND LINES (COD) . . . . .	-	1	28	29
OTHER . . . . .	391	173	1,439	2,003	SKATES OF LINES				
APPARATUS:					(HALIBUT) . . . . .	6,747	-	-	6,747
TRAPS . . . . .	242	157	-	399	HOOKS (SABLEFISH, ETC.) . . . . .	66,100	125	-	66,225
MOTOR SEINES . . . . .	486	372	14	742	TROLL (SALMON) . . . . .	29,084	190	-	29,274
CRAB YARDS . . . . .	189,480	106,600	6,250	260,190	CRAB POTS . . . . .	150	1,947	-	2,097
HAUL SEINES . . . . .	21	120	7	148	OTTER TRAWLS (BOTTOMFISH) . . . . .	-	-	-	1
YARDS . . . . .	3,510	26,048	1,050	30,608	(KING CRAB) . . . . .	-	-	-	10
					TANGLE NETS . . . . .	-	-	-	2

1/ EXCLUSIVE OF DUPLICATION.

## ALASKA FISHERIES

## SUMMARY OF CATCH, 1948 1/

ITEM	SOUTHEAST ALASKA		CENTRAL ALASKA		WESTERN ALASKA		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
<b>SALMON:</b>								
CHINOOK OR KING . . . . .	9,601,920	\$1,763,589	2,345,820	\$234,582	1,611,060	\$120,829	13,558,800	\$2,119,000
CHUM-OR KETA . . . . .	32,035,992	2,600,277	27,562,768	792,430	7,026,944	158,106	66,625,704	3,550,813
PINK . . . . .	57,409,792	4,598,968	55,773,744	2,509,818	223,964	5,591	113,407,500	7,114,377
RED OR SOCKEYE . . . . .	3,147,150	419,620	25,883,460	2,372,650	88,893,666	4,740,996	117,924,276	7,533,266
SILVER OR COHO . . . . .	19,312,677	2,378,927	7,014,654	426,673	526,059	18,704	26,853,390	2,826,304
HEERING . . . . .	37,775,572	402,496	136,673,682	1,450,476	-	-	174,449,254	1,852,972
HALIBUT . . . . .	28,611,991	4,315,512	6,348,897	779,551	-	-	34,960,888	5,095,063
COD . . . . .	9,043	271	-	-	2,328,727	73,589	2,337,770	73,860
<b>TROUT:</b>								
DOLLY VARDEN . . . . .	38,860	5,259	2,815	422	-	-	41,675	5,681
STEELHEAD . . . . .	281	32	472	53	-	-	753	85
SABLEFISH . . . . .	6,492,732	706,321	19,614	1,413	-	-	6,512,346	707,734
FLOUNDERS . . . . .	-	-	-	-	248,474	7,454	248,474	7,454
ROCKFISHES . . . . .	67,307	2,004	3,808	80	-	-	71,115	2,084
LINGCOD . . . . .	89,204	7,845	196	4	-	-	89,400	7,849
TUNA, ALBACORE . . . . .	132,039	32,350	-	-	-	-	132,039	32,350
SHARK . . . . .	1,948,133	35,066	36,966	443	-	-	1,985,099	35,509
SKATE . . . . .	265,375	849	-	-	-	-	265,375	849
UNCL. LIVERS AND VISCERA 2/ . . . . .	-	13,503	-	-	-	-	-	13,503
<b>TOTAL . . . . .</b>	<b>196,938,068</b>	<b>17,282,889</b>	<b>261,666,896</b>	<b>8,570,595</b>	<b>100,858,894</b>	<b>5,125,269</b>	<b>559,463,858</b>	<b>30,978,753</b>
<b>SHELLFISH</b>								
<b>CLAMS:</b>								
BUTTER . . . . .	11,618	818	4,026	121	-	-	15,644	939
RAZOR . . . . .	-	-	1,222,649	128,378	-	-	1,222,649	128,378
<b>CRABS:</b>								
DUNGNESS . . . . .	210,080	12,605	1,012,246	50,612	-	-	1,222,326	63,217
KING . . . . .	-	-	-	-	2,133,354	96,001	2,133,354	96,001
SHRIMP . . . . .	2,834,803	226,784	-	-	-	-	2,834,803	226,784
OYSTERS . . . . .	7,329	733	-	-	-	-	7,329	733
<b>TOTAL . . . . .</b>	<b>3,063,830</b>	<b>240,940</b>	<b>2,238,921</b>	<b>179,111</b>	<b>2,133,354</b>	<b>96,001</b>	<b>7,436,105</b>	<b>516,052</b>
<b>GRAND TOTAL . . . . .</b>	<b>200,001,898</b>	<b>17,523,829</b>	<b>263,905,817</b>	<b>8,749,706</b>	<b>102,992,248</b>	<b>5,221,270</b>	<b>566,899,963</b>	<b>31,494,805</b>

1/ INCLUDES CATCHES OF HALIBUT, SABLEFISH, LINGCOD, AND ROSEFISH LANDED BY VESSELS OF THE ALASKA HALIBUT FLEET, INCLUDING LANDINGS AT ALASKAN AND BRITISH COLUMBIA PORTS. ROUND WEIGHTS OF FISH TAKEN BY HALIBUT VESSELS WERE OBTAINED BY MULTIPLYING REPORTED WEIGHTS, REPRESENTING POUNDAGE OF FISH Eviscerated AND WITH HEADS OFF, BY THE FOLLOWING FACTORS: HALIBUT, 1.33; AND SABLEFISH, LINGCOD, AND ROCKFISHES, 1.43. VALUES INCLUDE PAYMENTS RECEIVED FOR LIVERS AND VISCERA AS FOLLOWS: HALIBUT, \$1,144,930; SABLEFISH, \$297,688; LINGCOD, \$5,974; ROCKFISHES, \$592; AND COD, \$3,727.

2/ UNCLASSIFIED LIVERS AND VISCERA, NOT SEGREGATED BY SPECIES, ARE LISTED FOR VALUE ONLY, AS IT IS ASSUMED THAT ROUND WEIGHTS OF THE FISH ARE REPORTED ELSEWHERE.

## TRANSPORTING, WHOLESALF AND MANUFACTURING, 1948

ITEM	SOUTHEAST ALASKA	CENTRAL ALASKA	WESTERN ALASKA	TOTAL 1/
	NUMBER	NUMBER	NUMBER	NUMBER
<b>TRANSPORTING:</b>				
PERSONS ENGAGED . . . . .	1,000	899	542	2,319
<b>CRAFT TRANSPORTING:</b>				
VESSELS, MOTOR . . . . .	197	177	141	496
NET TONNAGE . . . . .	8,545	9,348	6,917	22,141
BOATS, MOTOR . . . . .	11	27	15	53
BOATS, OTHER . . . . .	53	22	13	74
LIGHTERS, SCOWS, HOUSEBOATS, ETC. . . . .	123	145	64	330
<b>WHOLESALE AND MANUFACTURING,</b>				
PERSONS ENGAGED . . . . .	6,217	5,654	4,435	16,118
<b>ESTABLISHMENTS:</b>				
HANDLING FRESH AND FROZEN FISH AND SHELLFISH . . . . .	53	18	9	79
CURING FISH . . . . .	28	9	6	43
CANNING FISH AND SHELLFISH . . . . .	41	68	25	131
MANUFACTURING BYPRODUCTS . . . . .	10	11	2	23
<b>TOTAL 1/ . . . . .</b>	<b>98</b>	<b>95</b>	<b>36</b>	<b>225</b>

1/ EXCLUSIVE OF DUPLICATION.

NOTE:-- IN ADDITION 150 BOATS AND 170 SCOWS, PILE DRIVERS, ETC. WERE USED FOR PURPOSES OTHER THAN FISHING AND TRANSPORTING.

# ALASKA FISHERIES

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## MANUFACTURED FISHERY PRODUCTS, 1948

ITEM	SOUTHEAST ALASKA		CENTRAL ALASKA		WESTERN ALASKA		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
<b>FRESH</b>								
SALMON FOR FOOD . . . . .	411,087	\$106,115	33,610	\$3,303	-	-	444,697	\$109,418
SALMON FOR ANIMAL FOOD . . . . .	-	-	22,000	1,414	-	-	22,000	1,414
HERRING FOR BAIT . . . . .	382,200	9,546	22,500	675	-	-	404,700	10,221
HALIBUT 1/2 . . . . .	3,128,063	576,007	22,826	4,205	-	-	3,150,889	580,212
HALIBUT LIVERS 1/2 . . . . .	384,356	862,505	24,123	30,032	-	-	408,479	892,537
HALIBUT VISCERA 1/2 . . . . .	769,956	775,064	48,185	16,789	-	-	818,141	791,853
SABLEFISH . . . . .	-	-	245	22	-	-	245	22
SABLEFISH LIVERS 1/2 . . . . .	148,744	324,501	311	218	-	-	149,055	324,719
SABLEFISH VISCERA . . . . .	239,550	106,818	569	176	-	-	240,119	106,994
SKATE LIVERS . . . . .	10,615	1,086	-	-	-	-	10,615	1,086
ROCKFISHES . . . . .	15,918	796	1,185	75	-	-	17,103	871
ROCKFISH LIVERS . . . . .	658	658	-	-	-	-	658	658
SHARK LIVERS . . . . .	56,326	16,438	4,436	608	-	-	60,762	17,046
LINGCOD . . . . .	10,181	439	-	-	-	-	10,181	439
LINGCOD LIVERS . . . . .	3,319	7,736	-	-	-	-	3,319	7,736
COD, LIVERS . . . . .	-	-	-	-	43,122	\$3,727	43,122	3,727
UNCLASSIFIED FISH LIVERS . . . . .	1,237	124	-	-	-	-	1,237	124
UNCLASSIFIED FISH VISCERA . . . . .	7,677	1,974	-	-	-	-	7,677	1,974
CRABS, DUNGENESS:								
WHOLE IN SHELL . . . . .	540	135	12,101	1,920	-	-	12,641	2,055
MEAT, COLD-PACKED . . . . .	16,888	16,888	102,975	82,424	-	-	119,863	99,312
SHRIMP, MEAT, COLD-PACKED . . . . .	479,059	519,114	-	-	-	-	479,059	519,114
CLAMS, BUTTER . . . . .	-	-	156	9	-	-	156	9
OYSTERS, SHUCKED . . . . .	1,026	684	-	-	-	-	1,026	684
<b>TOTAL . . . . .</b>	<b>6,067,400</b>	<b>3,326,628</b>	<b>295,222</b>	<b>141,870</b>	<b>43,122</b>	<b>3,727</b>	<b>6,405,744</b>	<b>3,472,225</b>
<b>FROZEN</b>								
SALMON FOR FOOD . . . . .	8,306,049	2,103,192	1,371,142	240,140	735,161	226,148	10,412,352	2,569,480
SALMON FOR BAIT . . . . .	2,544	128	20,000	1,000	-	-	22,544	1,128
SALMON FOR ANIMAL FOOD . . . . .	7,105	2,179	-	-	-	-	7,105	2,179
HERRING FOR BAIT . . . . .	4,806,975	89,202	241,692	5,538	-	-	5,048,667	93,740
HALIBUT . . . . .	18,284,132	3,248,727	4,729,015	900,382	-	-	23,013,147	4,149,109
HALIBUT CHEEKS . . . . .	2,587	648	3,265	1,200	-	-	5,852	1,848
HALIBUT, FILLETS AND STEAKS . . . . .	131,800	48,766	28,208	8,567	-	-	160,008	57,333
TROUT, DOLLY VARDEN . . . . .	29,218	7,000	2,815	594	-	-	32,033	7,594
TROUT, STEELHEAD . . . . .	211	37	355	121	-	-	566	158
SABLEFISH . . . . .	4,430,692	520,040	13,716	1,437	-	-	4,444,408	521,477
TUNA, ALBACORE . . . . .	132,039	34,935	-	-	-	-	132,039	34,935
ROCKFISHES . . . . .	13,346	271	500	100	-	-	13,846	371
ROCKFISHES, QUICK FROZEN . . . . .	95	24	978	98	-	-	1,073	122
ROCKFISHES, ANIMAL FEED . . . . .	17,709	1,100	-	-	-	-	17,709	1,100
SOLE AND FLOUNDERS . . . . .	-	-	-	-	89,220	3,500	89,220	3,500
SOLE, QUICK FROZEN FILLETS . . . . .	-	-	-	-	35,017	7,670	35,017	7,670
LINGCOD . . . . .	52,200	1,634	-	-	-	-	52,200	1,634
LINGCOD, FILLETS . . . . .	-	-	137	14	-	-	137	14
COD . . . . .	-	-	-	-	39,000	3,900	39,000	3,900
COD, QUICK FROZEN FILLETS . . . . .	-	-	-	-	765	321	765	321
CLAMS, MEAT:								
BUTTER . . . . .	4,176	1,461	1,935	127	-	-	6,111	1,588
RAZOR . . . . .	-	-	15,466	4,067	-	-	15,466	4,067
CRABS:								
DUNGENESS, MEAT . . . . .	5,205	5,205	410	610	-	-	5,615	5,815
KING, IN SHELL . . . . .	-	-	-	-	62,999	47,249	62,999	47,249
KING, MEAT . . . . .	-	-	-	-	165,479	193,011	165,479	193,011
SHRIMP:								
WHOLE . . . . .	13,680	4,104	-	-	-	-	13,680	4,104
MEAT . . . . .	532	532	-	-	-	-	532	532
<b>TOTAL . . . . .</b>	<b>36,240,295</b>	<b>6,068,185</b>	<b>6,429,634</b>	<b>1,163,995</b>	<b>1,127,641</b>	<b>481,799</b>	<b>43,797,570</b>	<b>7,713,979</b>
<b>CURED</b>								
SALMON:								
MILD-CURED . . . . .	4,176,150	1,755,470	17,737	5,270	83,325	27,160	4,277,212	1,787,900
PICKLED . . . . .	-	-	20,600	7,240	33,500	10,050	54,100	17,290
SMOKED . . . . .	2,384	1,550	80	52	-	-	2,464	1,602
COD:								
PICKLED . . . . .	5,426	421	-	-	-	-	5,426	421
DRY-SALTED . . . . .	-	-	-	-	697,818	76,860	697,818	76,860
TONGUES . . . . .	-	-	-	-	800	160	800	160
SABLEFISH:								
SALTED . . . . .	108,858	14,477	-	-	-	-	108,858	14,477
SMOKED . . . . .	822	411	-	-	-	-	822	411
HALIBUT, SMOKED . . . . .	101	22	-	-	-	-	101	22
HERRING, SCOTCH CURED . . . . .	-	-	550,150	61,285	-	-	550,150	61,285
<b>TOTAL . . . . .</b>	<b>4,293,741</b>	<b>1,772,351</b>	<b>588,567</b>	<b>73,847</b>	<b>815,443</b>	<b>114,230</b>	<b>5,697,751</b>	<b>1,960,428</b>

SEE FOOTNOTE AT END OF TABLE

(CONTINUED ON NEXT PAGE)

## ALASKA FISHERIES

## MANUFACTURED FISHERY PRODUCTS, 1948 - Continued

ITEM	SOUTHEAST ALASKA		CENTRAL ALASKA		WESTERN ALASKA		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
<b>CANNED</b>								
<b>SALMON:</b>								
CHINOOK OR KING . . .	272,880	\$160,985	1,652,064	\$922,650	666,528	\$478,739	2,591,472	\$1,562,374
CHUM OR KETA . . .	19,554,864	8,249,589	14,056,992	5,975,351	3,918,768	1,671,304	37,530,624	15,896,244
PINK . . . . .	32,853,216	15,742,480	29,605,872	13,726,816	155,952	72,686	62,615,040	29,541,982
RED OR SOCKEYE . .	1,905,936	1,254,772	15,456,048	9,165,754	61,353,312	33,113,378	78,715,296	43,533,904
SILVER OR COHO . . . .	7,642,752	4,193,727	3,346,992	1,669,256	257,280	-	11,247,024	5,987,786
TROUT, STEELHEAD . .	16,320	7,960	432	180	-	-	16,752	8,140
<b>CLAMS:</b>								
BUTTER . . . . .	1,110	1,380	-	-	-	-	1,110	1,380
JUICE . . . . .	6,075	607	-	-	-	-	6,075	607
RAZOR . . . . .	-	-	413,085	494,402	-	-	413,085	494,402
<b>CRABS:</b>								
DUNGNESS . . . . .	28,197	33,256	136,656	153,112	-	-	164,853	186,368
KING . . . . .	-	-	-	-	343,629	444,000	343,629	444,000
TOTAL . . . . .	62,281,350	29,644,755	64,668,141	32,107,521	66,695,469	35,904,910	193,644,960	97,657,187
<b>BYPRODUCTS</b>								
<b>OIL:</b>								
SALMON . . . . .	337,500	47,250	210,247	30,226	-	-	547,747	77,476
HERRING . . . . .	4,742,813	683,887	21,773,422	3,228,399	-	-	26,516,235	3,912,286
FUR-SEAL . . . . .	-	-	-	-	357,831	42,484	357,831	42,484
HALIBUT LIVER . . . .	4,724	56,688	-	-	-	-	4,724	56,688
HALIBUT VISCERA . . . .	4,793	86,274	-	-	-	-	4,793	86,274
SHARK LIVER UNCL. LIVER & VISCERA . . . . .	106,470	63,884	-	-	-	-	106,470	63,884
MEAL: SALMON . . . . .	1,400,000	70,000	719,200	33,742	-	-	2,119,200	103,742
HERRING . . . . .	5,013,278	319,615	20,855,863	1,297,742	-	-	25,869,141	1,617,357
FUR-SEAL . . . . .	-	-	-	-	681,890	36,996	681,890	36,996
UNCL. FISH AND CRAB . . . . .	-	-	-	-	400,000	16,000	400,000	16,000
TOTAL . . . . .	11,618,368	1,459,406	43,558,732	4,590,109	1,439,721	95,480	56,616,821	6,144,995
GRAND TOTAL . . . . .	120,501,154	42,271,326	115,540,296	38,077,342	70,121,396	36,600,146	306,162,846	116,948,814

1/ INCLUDES LANDINGS OF ALASKA FLEET IN BRITISH COLUMBIA PORTS.

## REVIEW OF THE PRODUCTION OF CANNED FISHERY PRODUCTS, 1948

ITEM	SOUTHEAST ALASKA		CENTRAL ALASKA 2/		WESTERN ALASKA		TOTAL	
	CASES	VALUE	CASES	VALUE	CASES	VALUE	CASES	VALUE
<b>FISH</b>								
<b>SALMON:</b>								
CHINOOK OR KING . . . . .	5,685	\$160,985	34,418	\$922,650	13,896	\$478,739	53,499	\$1,562,374
CHUM OR KETA . . . . .	407,393	8,249,589	292,854	5,975,351	81,641	1,671,304	781,888	15,896,244
PINK . . . . .	684,442	15,742,480	616,789	13,726,816	3,249	72,686	1,304,480	29,541,982
RED OR SOCKEYE . .	39,707	1,254,772	322,001	9,165,754	1,278,194	33,113,378	1,639,902	43,533,904
SILVER OR COHO . . . .	159,224	4,193,727	69,729	1,669,256	5,360	124,803	234,313	5,987,786
TROUT, STEELHEAD . .	340	7,960	9	180	-	-	349	8,140
TOTAL . . . . .	1,296,791	29,609,513	1,335,800	31,460,007	1,382,330	35,460,910	4,014,921	96,530,430
<b>SHELLFISH</b>								
<b>CLAMS:</b>								
BUTTER . . . . .	74	1,380	-	-	-	-	74	1,380
JUICE . . . . .	202	607	-	-	-	-	202	607
RAZOR . . . . .	-	-	27,539	494,402	-	-	27,539	494,402
<b>CRABS:</b>								
DUNGNESS . . . . .	1,446	33,256	7,008	153,112	-	-	8,454	186,368
KING . . . . .	-	-	-	-	17,622	444,000	17,622	444,000
TOTAL . . . . .	1,722	35,243	34,547	647,514	17,622	444,000	53,891	1,126,757
GRAND TOTAL . . . . .	1,298,513	29,644,756	1,370,347	32,107,521	1,399,952	35,904,910	4,068,812	97,657,187

(SEE FOOTNOTES ON NEXT PAGE)



# ALASKA FISHERIES

- 1/ THE PACKS OF SALMON AND TROUT HAVE BEEN CONVERTED TO "STANDARD CASES" OF 48 ONE POUND CANS; CRABS TO THE EQUIVALENT OF 48 CANS TO THE CASE, EACH CAN CONTAINING 6-1/2 OUNCES OF MEAT; CLAMS TO "STANDARD CASES" OF 48 NO. 1 CANS.
- 2/ INCLUDES 30 CASES OF CANNED SMOKED SALMON VALUED AT \$1,700 AND 22 CASES OF COHO, 166 CASES OF KING, AND 24 CASES OF RED TIPS AND TAILS VALUED AT \$3,180.

## SUPPLEMENTARY REVIEW OF THE PRODUCTION OF FISHERY BYPRODUCTS, 1948

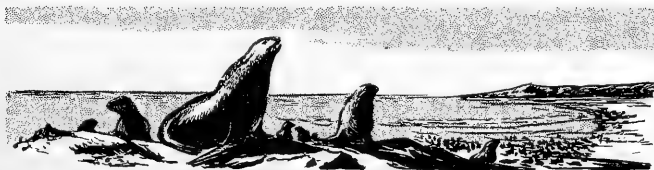
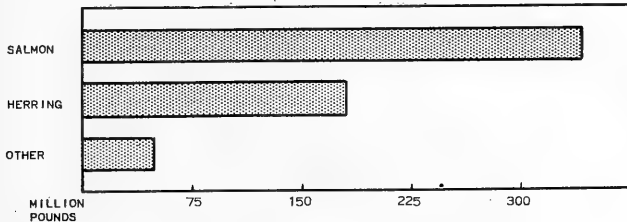
ITEM	SOUTHEAST ALASKA		CENTRAL ALASKA		WESTERN ALASKA		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
<b>MEAL:</b>								
SALMON . . . . . TONS	700	\$70,000	360	\$33,742	-	-	1,060	\$103,742
HERRING . . . . . DO	2,507	319,615	10,428	1,297,742	-	-	12,935	1,617,357
FUR-SEAL . . . . . DO	-	-	-	-	341	\$36,996	341	36,996
UNCL. FISH AND CRAB . . . . . DO	-	-	-	-	200	16,000	200	16,000
<b>OIL:</b>								
SALMON . . . . . GALLONS	45,000	47,250	28,033	30,226	-	-	73,033	77,476
HERRING . . . . . DO	632,375	683,897	2,903,122	3,228,399	-	-	3,535,497	3,912,286
FUR-SEAL . . . . . DO	-	-	-	-	47,711	42,484	47,711	42,484
HALIBUT LIVER . . . . . DO	630	56,688	-	-	-	-	630	56,688
HALIBUT VISCERA . . . . . DO	639	86,274	-	-	-	-	639	86,274
SHARK LIVER . . . . . DO	14,196	63,884	-	-	-	-	14,196	63,884
UNCL. LIVER AND VISCERA . . . . . DO	1,172	131,808	-	-	-	-	1,172	131,808
<b>TOTAL . . . . .</b>	<b>-</b>	<b>1,459,406</b>	<b>-</b>	<b>4,590,109</b>	<b>-</b>	<b>95,480</b>	<b>-</b>	<b>6,144,995</b>

## SUPPLEMENTARY REVIEW OF THE CATCH OF SALMON, 1948

SPECIES	SOUTHEAST ALASKA		CENTRAL ALASKA		WESTERN ALASKA		TOTAL	
	NUMBER	VALUE	NUMBER	VALUE	NUMBER	VALUE	NUMBER	VALUE
CHINOOK OR KING . . . . .	480,096	\$1,763,589	117,291	\$234,582	80,553	\$120,829	677,940	\$2,119,000
CHUM OR KETA . . . . .	4,004,499	2,600,277	3,445,346	792,430	878,368	158,106	8,328,213	3,550,813
PINK . . . . .	14,352,448	4,598,968	13,943,436	2,509,818	55,991	5,591	28,351,875	7,114,377
RED OR SOCKEYE . . . . .	524,525	419,620	4,313,910	2,372,650	14,815,611	4,740,996	19,654,046	7,533,266
SILVER OR COHO . . . . .	2,145,853	2,378,927	779,406	428,673	58,451	18,704	2,983,710	2,826,304
<b>TOTAL . . . . .</b>	<b>21,507,421</b>	<b>11,761,381</b>	<b>22,599,399</b>	<b>6,338,153</b>	<b>15,888,974</b>	<b>5,044,226</b>	<b>59,995,784</b>	<b>23,</b>

NOTE:--THE SALMON CATCH IS REPORTED IN NUMBERS OF FISH; ESTIMATED ROUND WEIGHTS IN POUNDS ARE SHOWN IN THE CATCH TABLE.

ALASKA CATCH, 1948



FUR SEALS

## SECTION 11.- HAWAIIAN FISHERIES

The following tabulation of the catch of fish and shellfish in the Territory of Hawaii, has been compiled from monthly reports submitted by the Board of Commissioners of Agriculture and Forestry of the Territory of Hawaii, Division of Fish and Game.

The catch listed has not been included in the tabulations of the catch of the United States and Alaska listed in the sections entitled 'General Review' or 'Review of Certain Major Fisheries'.

Detailed information on the operating units used in the Hawaiian fisheries is not available. Based on licenses issued during the fiscal year ending June 30, 1948, there were 3,009 fishermen employed in the Territory during that fiscal year. During the same period, 759 powered fishing craft and 276 rowboats were licensed to operate in the Hawaiian fisheries.

## HAWAII: CATCH BY MONTHS, 1948

SPECIES		JANUARY		FEBRUARY		MARCH		APRIL	
ENGLISH	HAWAIIAN	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
OCEAN CATCH:									
AMBERJACK. . .	KAHALA. . .	21,677	\$7,395	33,544	\$10,639	28,612	\$8,880	29,314	\$10,430
BIG EYE SCAD. .	AKULE. . .	29,067	20,116	24,185	16,111	54,941	34,452	33,445	21,354
BLUE CREVALLE. .	OMILU. . .	1,507	693	1,499	669	546	299	1,860	1,180
BONEFISH OR									
LADYFISH. . .	OIO. . .	7,921	3,388	2,900	1,202	11,327	3,500	7,020	3,089
CONVICT TANG. .	MAHINI. . .	1,617	894	2,822	1,481	2,462	1,176	1,463	6,785
DOLPHIN. . .	MAHIMAHI. .	6,487	2,438	9,752	4,138	16,050	6,392	25,063	9,191
GOATFISH (M.)									
AURIFLAMMA. .	WEKE-ULA. .	2,050	1,670	1,741	1,370	3,526	1,838	2,462	1,535
GOATFISH (M.)									
SAMOENSIS. . .	WEKE. . .	6,055	4,265	5,217	3,311	10,056	6,165	8,782	5,139
GOATFISH (P.)									
FRATERCULUS. .	MOANO. . .	1,205	1,034	1,960	1,504	1,625	1,229	2,149	1,675
GOATFISH (P.)									
PORPHYREUS. . .	KUMU. . .	1,832	2,192	1,900	2,263	1,297	1,514	1,429	1,596
JACK CREVALLE. .	ULUA. . .	9,761	4,368	22,811	9,168	26,485	10,880	22,392	9,630
LOBSTER, SPINY. .	ULA. . .	2,018	1,435	2,050	1,481	3,753	2,254	4,886	3,539
MACKEREL. . .	OPELU. . .	54,174	18,136	7,178	2,614	13,386	5,831	12,873	4,353
MILKFISH. . .	AWA. . .	740	302	2,211	695	2,855	774	9,568	2,027
MULLET. . .	AMAAMA. . .	15	4	-	-	12,452	7,298	4,016	2,193
OCTOPUS. . .	HEE. . .	1,524	784	386	294	281	210	653	336
SEA BASS. . .	HAPUUPUU. .	4,359	2,040	4,128	1,868	6,568	3,010	7,240	3,252
SHAPPER:									
GRAY. . .	UKU. . .	4,435	1,876	4,714	1,970	4,018	2,081	6,124	3,056
PINK. . .	KALEKALE. .	3,444	1,836	1,820	945	1,505	769	2,756	1,681
PINK. . .	OPAKAPAKA. .	20,860	9,485	27,883	12,853	18,854	8,935	26,011	12,741
RED. . .	EHU. . .	3,489	2,374	4,662	3,401	2,281	1,498	3,867	3,207
RED. . .	ULAULA. . .	10,346	5,877	12,693	6,561	9,476	5,750	13,372	10,147
SQUIRREL OR									
BIG EYE FISH. .	UU. . .	2,704	2,364	2,858	2,772	2,728	2,321	3,836	3,543
SWORDFISH. . .	AU. . .	52,415	19,089	102,001	31,049	102,401	37,461	93,865	43,934
THREADFISH. . .	MOI. . .	258	181	433	354	383	227	2,557	1,698
TUNA:									
ALBACORE									
BIG-EYED TUNA } AHI. . .		152,471	56,866	208,305	75,735	169,607	70,608	166,251	73,884
BLUEFIN TUNA } AHI. . .									
YELLOWFIN TUNA } AHI. . .									
SKIPJACK. . .	AKU. . .	672,053	115,780	439,680	74,007	236,582	45,969	344,552	64,435
BONITO. . .	KAWAKAWA. .	11,301	2,617	10,339	2,182	21,469	4,458	25,017	4,587
TOTAL TUNA									
		835,825	175,263	658,324	151,924	427,658	121,035	535,820	142,906
WAHOO. . .	ONO. . .	932	325	2,630	1,044	2,619	848	6,338	2,181
UNCLASSIFIED. .		30,177	8,698	50,534	17,291	29,103	7,823	24,926	8,078
TOTAL OCEAN CATCH. . .									
		1,116,894	298,532	991,836	288,972	797,248	284,450	894,087	314,365
POND CATCH: 1/									
BARRACUDA. . .	KAKU. . .	46	23	26	13	-	-	44	32
BONEFISH OR									
LADYFISH. . .	OIO. . .	710	331	102	45	-	-	17	7
CLAM (V. PHILIPPINARUM)									
OLEPE. . .		758	243	1,194	382	1,001	320	894	286
CRABS:									
WHITE. . .	KUAHONU. . .	616	246	536	214	408	163	255	102
SAMOAN. . .		158	63	98	42	351	125	350	130
EEL. . .	PUHI. . .	-	-	-	-	-	-	7	1
JACK CREVALLE. .	ULUA. . .	141	113	-	-	40	36	-	-
MILKFISH. . .	AWA. . .	1,812	1,016	721	430	377	245	1,473	924
MOUNTAIN BASS									
OR SEALE. . .	AHOLEHOLE. .	5	4	5	4	12	11	327	261
MULLET. . .	AMAAMA. . .	2,759	2,732	2,926	2,894	302	269	650	628
SHRIMP. . .	OPAE. . .	59	60	183	183	81	101	17	21
TEN POUNDER. . .	AWAAWA. . .	173	99	68	49	9	6	15	12
UNCLASSIFIED. .		8	9	-	-	470	325	-	-
TOTAL POND CATCH. . .									
		7,245	4,939	5,859	4,256	3,051	1,601	4,049	2,404
GRAND TOTAL. . . . .									
		1,124,139	303,471	997,695	293,228	800,299	286,051	898,136	316,769

1/ SALT-WATER.

# HAWAIIAN FISHERIES

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## HAWAII: CATCH BY MONTHS, 1948 - Continued

SPECIES		MAY		JUNE		JULY		AUGUST	
ENGLISH	HAWAIIAN	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
<b>OCEAN CATCH:</b>									
AMBERJACK . . .	KAHALA . . .	18,058	\$6,391	8,590	\$2,872	6,184	\$1,962	6,151	\$2,058
BIG EYE SCAD . .	AKULE . . .	85,975	48,844	68,095	41,211	48,526	34,950	47,189	27,824
BLUE CREVALLE . .	OMILU . . .	1,920	1,006	2,690	1,513	1,801	815	1,932	974
<b>BONEFISH OR</b>									
LADYFISH . . .	OIO . . .	4,451	2,028	5,293	1,664	7,304	3,397	5,505	2,456
CONVICT TANG . .	HANINI . . .	2,157	1,021	1,174	532	1,285	641	2,060	1,055
DOLPHIN . . . .	MAHIMAH . .	20,378	7,258	15,505	5,632	12,088	4,872	11,409	4,486
<b>GOATFISH (M.)</b>									
AURIFLAMMA . . .	WEKE-ULA . .	1,083	679	873	576	1,608	1,176	1,161	813
<b>GOATFISH (M. SAMOENSIS)</b>									
WEKE . . . .	WEKE . . . .	6,069	3,773	4,728	2,636	3,912	2,383	2,799	1,461
<b>GOATFISH (P. FRATERCULUS)</b>									
MOANO . . . .	MOANO . . . .	2,074	1,748	2,227	1,795	3,176	2,568	3,597	2,928
<b>GOATFISH (P. PORPHYREUS)</b>									
KUMU . . . .	KUMU . . . .	1,140	1,299	1,361	1,579	1,444	1,552	1,123	1,192
JACK CREVALLE . .	ULUA . . . .	28,499	11,118	33,509	11,394	20,197	8,370	22,848	9,564
LOBSTER, SPINY . .	ULA . . . .	9,081	6,558	9	4	-	-	-	-
MACKEREL . . . .	OPELU . . . .	7,966	2,945	6,471	2,728	30,205	12,071	62,564	23,558
MILKFISH . . . .	AWA . . . .	6,638	1,791	4,948	1,043	5,440	1,344	4,812	1,159
MULLET . . . .	AMAAMA . . .	3,560	1,762	4,683	2,127	6,541	3,678	4,966	2,585
OCTOPUS . . . .	HEE . . . .	448	252	670	472	653	402	1,245	811
PARROT FISH . . .	UHU . . . .	13,438	6,323	-	-	-	-	-	-
SEA BASS . . . .	HAPUUPUU . .	6,387	2,806	5,762	1,891	7,893	2,517	18,202	4,653
<b>SNAPPER:</b>									
GRAY . . . .	UKU . . . .	62	27	24,618	9,941	9,449	4,305	9,180	4,484
PINK . . . .	KALEKALE . .	3,277	1,901	1,532	989	2,289	1,329	3,950	2,240
PINK . . . .	OPAKAPAKA .	43,289	7,150	13,348	5,430	5,753	2,667	9,025	4,004
RED . . . .	EHU . . . .	5,300	3,816	5,829	4,051	5,907	4,060	7,659	5,123
RED . . . .	ULAUULA . .	13,007	9,309	9,078	6,121	7,141	4,846	4,801	3,364
<b>SQUIRREL OR</b>									
BIG EYE FISH . .	UU . . . .	4,595	3,844	9,856	7,784	14,184	10,263	17,189	11,195
SMORFISH . . .	AU . . . .	92,971	37,593	162,169	47,546	146,596	36,421	148,669	39,000
THREADFISH . .	MOI . . . .	1,853	1,098	2,081	1,462	1,518	1,045	1,053	711
<b>TUNA:</b>									
ALBACORE									
BIG-EYED TUNA	AHI . . . .	115,701	57,110	161,361	63,192	140,498	49,865	152,990	63,947
BLUEFIN TUNA									
YELLOWFIN TUNA									
SKIPJACK									
BONITO . . . .	AKU . . . .	568,140	109,244	1,136,811	175,842	1,889,457	274,539	1,249,561	180,258
	KAWAKAWA . .	*7,210	1,474	12,514	2,162	3,677	891	4,998	1,013
TOTAL TUNA . . . .		691,051	167,828	1,310,686	241,196	2,033,632	325,295	1,407,549	245,218
WAHOO . . . .	ONA . . . .	8,915	2,923	16,048	4,259	12,495	2,915	10,813	3,075
UNCLASSIFIED . .		24,254	7,008	28,108	6,918	29,531	7,519	34,210	8,962
TOTAL OCEAN CATCH . . . .		1,107,886	350,129	1,749,941	415,366	2,426,752	483,363	1,851,661	414,964
<b>POND CATCH: 1/</b>									
BARRACUDA . . .	KAKU . . . .	530	418	142	104	180	136	41	22
<b>BONEFISH OR</b>									
LADYFISH . . .	OIO . . . .	1,612	521	452	186	108	53	28	10
<b>CLAN (V. PHILIPPINARUM)</b>									
OLEPE . . . .	OLEPE . . . .	617	197	888	284	748	241	-	-
<b>CRABS:</b>									
WHITE . . . .	KUAHONU . . .	308	139	443	196	237	107	-	-
SAMOAN . . . .	MAHONO . . .	318	122	353	137	288	124	25	6
UNCLASSIFIED . .	PAPAI . . . .	-	-	-	-	58	26	94	39
JACK CREVALLE . .	ULUA . . . .	38	30	18	11	8	8	12	12
MILKFISH . . . .	AWA . . . .	1,907	859	327	89	2,230	1,112	2,652	1,134
<b>MOUNTAIN BASS</b>									
OR SESELE . . .	AHOLEHOLE . .	19	14	72	50	-	-	7	6
MULLET . . . .	AMAAMA . . .	242	219	136	130	804	737	842	729
SHRIMP . . . .	OPAE . . . .	18	22	31	39	34	68	-	-
TEN POUNDER . . .	AWAAMA . . .	-	-	54	32	36	22	-	-
UNCLASSIFIED . .		158	125	146	104	184	19	238	43
TOTAL POND CATCH . . . .		5,767	2,666	3,062	1,362	4,915	2,653	4,139	2,001
GRAND TOTAL . . . .		1,113,653	352,795	1,753,003	416,728	2,431,667	486,016	1,855,800	416,965

1/ SALT-WATER.

## HAWAIIAN FISHERIES

## HAWAII: CATCH BY MONTHS, 1948 - Continued

SPECIES		SEPTEMBER		OCTOBER		NOVEMBER	
		POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ENGLISH		HAWAIIAN					
OCEAN CATCH:							
AMBERJACK . . . . .	KAHALA . . . . .	5,667	\$1,878	6,995	\$2,342	8,042	\$2,924
BIG EYE SCAD . . . . .	AKULE . . . . .	59,019	31,732	40,166	23,746	25,739	16,342
BLUE CREVALLE . . . . .	OMILU . . . . .	3,465	1,512	7,871	3,402	2,040	918
BONEFISH OR							
LADYFISH . . . . .	OIO . . . . .	4,308	1,877	6,876	3,087	3,681	1,905
CONVICT TANG . . . . .	MANINI . . . . .	2,052	958	1,862	981	1,148	643
DOLPHIN . . . . .	MAHINAHI . . . . .	12,297	5,214	18,848	7,369	12,702	5,274
GOATFISH (M.							
AURIFLAMMA). . . . .	WEKE-ULA . . . . .	2,073	1,357	2,270	1,509	872	643
GOATFISH (P.							
SAMOENSIS) . . . . .	WEKE . . . . .	3,585	2,124	4,492	2,990	2,203	1,591
GOATFISH (P.							
FRATERCULUS) . . . . .	MOANO . . . . .	2,866	2,059	1,757	1,331	1,285	1,118
GOATFISH (P.							
PORPHYREUS) . . . . .	KUMU . . . . .	1,046	1,282	833	1,023	612	738
JACK CREVALLE . . . . .	ULUA . . . . .	16,398	7,610	20,299	8,468	14,108	6,083
LOBSTER, SPINY . . . . .	ULA . . . . .	7,619	3,973	6,704	4,628	2,281	1,646
HACKEREL . . . . .	OPELU . . . . .	128,950	34,269	80,505	25,099	43,395	16,718
MILKFISH . . . . .	AWA . . . . .	2,148	504	1,241	376	642	261
MULLET . . . . .	AMAAMA . . . . .	5,291	3,181	3,842	1,688	3,918	2,905
OCTOPUS . . . . .	HEE . . . . .	1,604	934	1,900	1,208	2,614	1,656
SEA BASS . . . . .	HAPUUPUU . . . . .	4,445	1,273	4,758	1,652	6,032	3,009
SNAPPER:							
GRAY . . . . .	UKU . . . . .	7,503	3,511	6,414	3,400	2,387	1,133
PINK . . . . .	KALEKALE . . . . .	3,250	1,736	2,703	1,358	1,776	1,079
PINK . . . . .	OPAKAPAKA . . . . .	9,193	4,332	14,811	6,862	16,628	8,215
RED . . . . .	EHU . . . . .	4,075	2,488	4,102	2,497	3,279	2,493
RED . . . . .	ULAULA . . . . .	7,211	5,113	6,640	4,409	6,383	4,362
SQUIRREL OR BIG							
EYE FISH . . . . .	UU . . . . .	12,158	7,945	12,949	8,755	3,890	2,857
SMORDFISH . . . . .	AU . . . . .	110,250	40,727	106,938	45,686	107,506	45,279
THREADFISH . . . . .	MOI . . . . .	2,211	1,364	572	320	209	155
TUNA:							
ALBACORE							
BIG-EYED TUNA	} AHI . . . . .	122,087	50,789	119,239	60,053	168,643	74,752
BLUEFIN TUNA							
YELLOWFIN TUNA							
SKIPJACK	AKU . . . . .	821,536	125,091	355,036	60,904	206,066	46,254
BONITO . . . . .	KAWAKAWA . . . . .	5,618	1,285	11,400	2,594	12,374	2,263
TOTAL TUNA		949,241	177,165	485,675	123,551	387,083	123,269
WAHOO . . . . .	ONO . . . . .	14,369	4,333	6,078	1,882	2,754	918
UNCLASSIFIED . . . . .		30,798	8,440	33,681	7,809	14,618	4,651
TOTAL OCEAN CATCH		1,413,092	358,891	891,782	297,428	679,827	258,785
POND CATCH: 1/							
BARRACUDA . . . . .	KAKU . . . . .	125	102	189	182	-	-
BONEFISH OR							
LADYFISH . . . . .	OIO . . . . .	144	81	667	432	1,170	761
CLAM (V.							
PHILIPPINARUM) . . . . .	OLEPE . . . . .	531	172	-	-	-	-
CRABS:							
WHITE . . . . .	KUAHONU . . . . .	12	3	20	6	10	4
SAMOAN . . . . .	- . . . . .	100	32	345	151	188	85
UNCLASSIFIED . . . . .	PAPA . . . . .	55	22	-	-	-	-
JACK CREVALLE . . . . .	ULUA . . . . .	-	-	4	4	-	-
MILKFISH . . . . .	AWA . . . . .	771	314	524	211	-	-
MOUNTAIN BASS							
OR SESELE . . . . .	AHOLEHOLE . . . . .	-	-	5	4	550	275
MULLET . . . . .	AMAAMA . . . . .	488	442	260	231	392	392
TEN POUNDER . . . . .	AWAAMA . . . . .	72	48	76	53	30	21
UNCLASSIFIED . . . . .		6	4	6	4	-	-
TOTAL POND CATCH		2,304	1,220	2,096	1,278	2,340	1,538
GRAND TOTAL		1,415,396	360,111	893,878	298,706	682,167	260,323

1/ SALT-WATER.

## HAWAII: CATCH BY MONTHS, 1948 - Continued

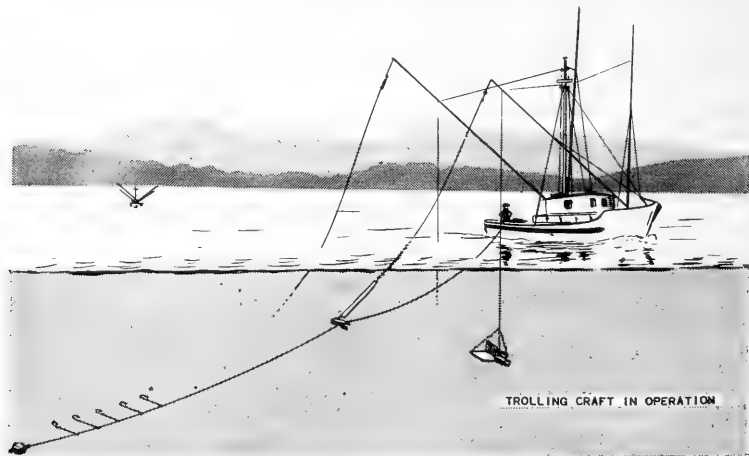
SPECIES		DECEMBER		TOTAL	
ENGLISH	HAWAIIAN	POUNDS	VALUE	POUNDS	VALUE
<b>OCEAN CATCH:</b>					
AMBERJACK . . . . .	KAHALA . . . . .	11,720	\$4,972	184,554	\$62,743
BIG EYE SCAD . . . . .	AKULE . . . . .	21,316	16,680	537,663	333,362
BLUE CREVALLE . . . . .	OMILU . . . . .	5,588	2,855	32,719	15,836
BONEFISH OR LADYFISH . . . . .	OIO . . . . .	3,117	1,676	69,703	29,268
CONVICT TANG . . . . .	MANINI . . . . .	2,276	1,273	22,378	11,340
DOLPHIN . . . . .	MAHIMAH . . . . .	8,685	3,984	168,264	66,248
GOATFISH (M. AURIFLAMMA)	WEKE-ULA . . . . .	3,604	3,291	23,323	16,457
GOATFISH (M. SAMOENSIS)	WEKE . . . . .	5,149	4,336	63,047	40,174
GOATFISH (P. FRATERCULUS)	MOANO . . . . .	1,640	1,457	25,561	20,446
GOATFISH (P. PORPHYREUS)	KUMU . . . . .	1,275	1,559	15,292	17,789
JACK CREVALLE . . . . .	ULUA . . . . .	17,170	7,512	254,477	104,165
LOBSTER, SPINY . . . . .	ULA . . . . .	3,289	2,329	41,690	27,847
MACKEREL . . . . .	OPELU . . . . .	54,529	23,497	502,196	171,819
MILKFISH . . . . .	AWA . . . . .	419	102	41,662	10,378
MULLET . . . . .	AMAAMA . . . . .	-	-	49,284	27,421
OCTOPUS . . . . .	HEE . . . . .	2,516	1,629	14,494	9,018
PARROT FISH . . . . .	UHU . . . . .	-	-	13,438	6,323
SEA BASS . . . . .	HAPUUPUU . . . . .	4,810	2,182	82,584	30,153
<b>SNAPPERS:</b>					
GRAY . . . . .	UKU . . . . .	4,365	2,309	83,269	38,093
PINK . . . . .	KALEKALE . . . . .	2,287	1,583	30,589	17,446
PINK . . . . .	OPAKAPAKA . . . . .	14,971	7,704	220,626	90,378
RED . . . . .	EHU . . . . .	3,743	2,556	54,193	37,564
RED . . . . .	ULAUULA . . . . .	4,318	3,366	104,466	69,235
SQUIRREL OR BIG EYE FISH . . . . .	UJ . . . . .	6,608	5,327	93,545	68,971
SWORDFISH . . . . .	AU . . . . .	186,664	79,836	1,412,445	503,621
THREADFISH . . . . .	MOI . . . . .	244	159	13,372	8,774
<b>TUNA:</b>					
ALBACORE	} AHI . . . . .	198,194	103,091	1,875,347	799,892
BIG-EYED TUNA					
BLUEFIN TUNA					
YELLOWFIN TUNA					
SKIPJACK . . . . .	AKU . . . . .	73,295	18,662	7,992,769	1,290,985
BONITO . . . . .	KAWAKAWA . . . . .	5,818	1,759	131,735	27,285
TOTAL TUNA		277,307	123,512	9,999,851	2,118,162
<b>WAHOO:</b>					
UNCLASSIFIED . . . . .	ONO . . . . .	2,538	956	86,529	25,659
		24,398	8,299	354,338	101,496
TOTAL OCEAN CATCH		674,546	314,941	14,595,552	4,080,186
<b>POND CATCH: 1/</b>					
BARRACUDA . . . . .	KAKU . . . . .	67	55	1,390	1,087
BONEFISH OR LADYFISH . . . . .	OIO . . . . .	1,095	696	6,105	3,123
CLAM (V. PHILIPPINARUM)	OPEPE . . . . .	-	-	6,631	2,125
<b>CRABS:</b>					
WHITE . . . . .	KUAHONU . . . . .	-	-	2,845	1,180
SAMOAN . . . . .	-	35	107	2,928	1,124
UNCLASSIFIED . . . . .	PAPA . . . . .	-	-	207	87
EEL . . . . .	PUHI . . . . .	-	-	7	1
JACK CREVALLE . . . . .	ULUA . . . . .	5	9	270	223
MILKFISH . . . . .	AWA . . . . .	1,126	585	14,114	6,919
<b>MOUNTAIN BASS OR SESELE:</b>					
MULLET . . . . .	AMAMA . . . . .	3,929	4,034	13,730	13,437
SHRIMP . . . . .	OPAE . . . . .	-	-	423	494
TEN POUNDER . . . . .	AWAANA . . . . .	375	259	908	601
UNCLASSIFIED . . . . .		25	5	1,241	636
TOTAL POND CATCH		6,984	5,758	51,811	31,676
GRAND TOTAL		681,530	320,699	14,647,363	4,111,862

1/ SALT-WATER.



## SECTION 12.- REVIEW OF CERTAIN MAJOR FISHERIES

There are presented in this section of the Digest complete data on the catch of certain of the major species of fish and shellfish taken commercially in the United States and Alaska. Although these data are included in the detailed catch tables for the various states, they have been republished in individual fishery tables in this portion of the report to provide readers with a single source of catch data for cod, haddock, halibut, mackerel, menhaden, pilchard, rosefish, salmon, tuna, and whales. Statistics on the oyster and shrimp fisheries are being omitted this year since data were not collected in the South Atlantic States, including the west coast of Florida, for 1948, and a substantial portion of the catch of these items comes from that area. Most of the above species are taken by fishermen operating in several states or districts, and a number are taken by several types of fishing gear. Because of this, the casual reader of the Digest often experiences difficulty in locating complete data on the catch of the species in individual state catch tables. The information contained in this section includes the volume and value of the catch by individual types of gear and by states and districts.



### UNITED STATES AND ALASKA COD FISHERY

During 1948 the fishermen of the United States and Alaska caught 80,007,970 pounds of cod valued at \$5,075,356 to the fishermen. This was an increase of 7.6 million pounds, and a gain of \$897,542 in value compared with the previous year.

Otter trawls accounted for 79 percent of the cod catch; lines, 16 percent; and gill nets, 4 percent. Other types of gear, principally floating traps, and pound nets, accounted for the remaining 1 percent.

Massachusetts, with a catch of 60.7 million pounds of cod, led in the production of this species, followed by Maine, (6.3 million pounds), and Washington, (6.2 million pounds).

In all areas, except Alaska, the major portion of the catch was taken with otter trawls. Lines accounted for the entire Alaskan catch.

# REVIEW OF CERTAIN MAJOR FISHERIES

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## SUMMARY OF COD CATCH, 1948

STATE	OTTER TRAWLS		LINES		GILL NETS		FLOATING TRAPS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
<b>NEW ENGLAND:</b>								
MAINE . . . . .	2,355,500	\$114,920	2,484,500	\$104,247	1,546,200	\$141,208	-	-
NEW HAMPSHIRE . . . . .	-	-	7,500	458	-	-	-	-
MASSACHUSETTS . . . . .	52,405,000	3,324,903	6,844,100	454,055	1,494,600	78,440	5,300	\$255
RHODE ISLAND . . . . .	300,900	18,776	201,800	12,900	-	-	287,700	17,949
CONNECTICUT . . . . .	310,000	34,000	7,000	721	-	-	-	-
TOTAL . . . . .	55,371,400	3,492,599	9,544,900	572,381	3,040,800	219,648	293,000	18,204
<b>MIDDLE ATLANTIC:</b>								
NEW YORK . . . . .	1,446,400	180,750	292,800	36,610	-	-	-	-
NEW JERSEY . . . . .	256,700	43,369	685,900	116,603	100	17	-	-
DELAWARE . . . . .	5,400	864	-	-	-	-	-	-
TOTAL . . . . .	1,708,500	224,983	978,700	153,213	100	17	-	-
<b>CHESAPEAKE:</b>								
MARYLAND . . . . .	57,300	2,865	-	-	-	-	-	-
VIRGINIA . . . . .	10,400	491	700	42	-	-	-	-
TOTAL . . . . .	67,700	3,356	700	42	-	-	-	-
<b>PACIFIC COAST:</b>								
WASHINGTON . . . . .	6,284,200	257,651	2,300	92	1,900	78	-	-
OREGON . . . . .	34,300	1,405	-	-	-	-	-	-
TOTAL . . . . .	6,318,500	259,056	2,300	92	1,900	78	-	-
ALASKA . . . . .	-	-	2,337,770	73,860	-	-	-	-
GRAND TOTAL . . . . .	63,466,100	3,979,994	12,864,370	799,588	3,042,800	219,743	293,000	18,204

STATE	POUND NETS		PURSE SEINES		HAUL SEINES		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
<b>NEW ENGLAND:</b>								
MAINE . . . . .	-	-	-	-	-	-	6,386,200	\$360,375
NEW HAMPSHIRE . . . . .	-	-	-	-	-	-	7,500	458
MASSACHUSETTS . . . . .	200	\$13	400	\$19	-	-	60,749,600	3,857,685
RHODE ISLAND . . . . .	-	-	-	-	-	-	790,400	49,625
CONNECTICUT . . . . .	-	-	-	-	-	-	317,000	34,721
TOTAL . . . . .	200	13	400	19	-	-	68,250,700	4,302,864
<b>MIDDLE ATLANTIC:</b>								
NEW YORK . . . . .	2,600	328	-	-	1,500	\$190	1,743,300	217,878
NEW JERSEY . . . . .	336,900	57,273	-	-	-	-	1,279,600	217,262
DELAWARE . . . . .	-	-	-	-	-	-	5,400	864
TOTAL . . . . .	339,500	57,601	-	-	1,500	190	3,028,300	436,004
<b>CHESAPEAKE:</b>								
MARYLAND . . . . .	-	-	-	-	-	-	57,300	2,865
VIRGINIA . . . . .	-	-	-	-	-	-	11,100	533
TOTAL . . . . .	-	-	-	-	-	-	68,400	3,398
<b>PACIFIC COAST:</b>								
WASHINGTON . . . . .	-	-	-	-	100	4	6,288,500	257,825
OREGON . . . . .	-	-	-	-	-	-	34,300	1,405
TOTAL . . . . .	-	-	-	-	100	4	6,322,800	259,230
ALASKA . . . . .	-	-	-	-	-	-	2,337,770	73,860
GRAND TOTAL . . . . .	339,700	57,614	400	19	1,600	194	80,007,970	5,075,356



## ATLANTIC COAST HADDOCK FISHERY

The production of haddock in the United States during 1948 amounted to 156,374,800 pounds valued at \$12,448,447 to the fishermen, compared with 166.3 million pounds, valued at 11.5 million dollars during the preceding year. The catch of large haddock in the New England States during 1948 continued to decline noticeably, but this decrease was offset by increased landings of scrod (small) haddock.

Otter trawls accounted for 97 percent of the total catch. The remaining 3 percent was taken with hand and trawl lines and gill nets.

Almost 99 percent of the total catch was landed in the New England States. The remaining 1 percent was taken in New York, New Jersey and Virginia. Massachusetts alone accounted for 95 percent of the total catch.

## SUMMARY OF HADDOCK CATCH, 1948

STATE	LINES, HAND AND TRAWL		OTTER TRAWLS		GILL NETS		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
NEW ENGLAND:								
MAINE . . . . .	400,600	\$32,468	5,521,500	\$395,838	129,000	\$13,685	6,051,100	\$441,991
NEW HAMPSHIRE . . . . .	2,000	238	-	-	-	-	2,000	238
MASSACHUSETTS . . . . .	4,412,600	367,944	144,015,500	11,418,008	102,200	6,861	148,530,300	11,792,813
RHODE ISLAND . . . . .	-	-	17,600	1,292	-	-	17,600	1,292
CONNECTICUT . . . . .	-	-	6,000	500	-	-	6,000	500
TOTAL . . . . .	4,815,200	400,650	149,560,600	11,815,638	231,200	20,546	154,607,000	12,236,834
MIDDLE ATLANTIC:								
NEW YORK . . . . .	-	-	1,757,600	210,900	-	-	1,757,600	210,900
NEW JERSEY . . . . .	-	-	10,100	707	-	-	10,100	707
TOTAL . . . . .	-	-	1,767,700	211,607	-	-	1,767,700	211,607
CHESAPEAKE, VIRGINIA . . . . .	-	-	100	6	-	-	100	6
GRAND TOTAL . . . . .	4,815,200	400,650	151,328,400	12,027,251	231,200	20,546	156,374,800	12,448,447

## PACIFIC COAST HALIBUT FISHERY

The total North Pacific halibut catch by both United States and Canadian craft during 1948 totaled 54,154,000 pounds, a decrease of a half million pounds compared with the previous year. The quota set by the International Fisheries Commission for 1948 was 54 million pounds, the same as in 1947.

The 1948 halibut fishing season opened on May 1. The fishery south of Cape Spencer (Area II) closed on June 1, and west of Cape Spencer (Area III) on July 11, limiting the fishery to 72 days. This was the shortest season on record.

Landings of halibut by American vessels in Alaskan ports increased steadily from a low of seven million pounds in 1939 to a high of over 27 million pounds in 1948. The trend for heavier landings in Alaska was influenced largely by 3 major developments; first, the establishment of freezing facilities at more strategic ports, and the improvement of port facilities in landing centers already in use; second, a more equitable price range for halibut at Alaskan ports, comparable to Seattle; and third, shorter seasons and increased operations by smaller craft, which encouraged fishermen to sell at Alaskan ports nearer the fishing grounds so that additional trips could be made.

Data on landings of halibut listed in the following tables represent the dressed weight of the fish, which is the weight upon which the quota is based, while those in the various state and sectional tables represent the round weight of the catch. The dressed weight can be converted to round weight by multiplying by 1.33.



# REVIEW OF CERTAIN MAJOR FISHERIES

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## SUMMARY OF UNITED STATES HALIBUT FLEET OPERATING UNITS, 1948

ITEM	WASHINGTON FLEET	ALASKA FLEET	TOTAL
	NUMBER	NUMBER	NUMBER
<b>REGULAR HALIBUT VESSELS:</b>			
NUMBER . . . . .	174	309	483
NET TONNAGE . . . . .	5,665	4,083	9,738
CREW . . . . .	1,181	1,202	2,383
SKATES OF LINES . . . . .	5,314	5,409	10,723
<b>REGULAR HALIBUT BOATS:</b>			
NUMBER . . . . .	-	44	44
CREW . . . . .	-	90	90
SKATES OF LINES . . . . .	-	338	338
<b>BOATS PRIMARILY IN OTHER FISHERIES BUT LANDING SMALL</b>			
FARES OF HALIBUT: 1/			
NUMBER . . . . .	-	125	125
CREW . . . . .	-	250	250
SKATES OF LINES . . . . .	-	1,000	1,000

1/ DOES NOT INCLUDE TROLLERS OR OTHER BOATS CATCHING HALIBUT INCIDENTAL TO OTHER FISHING OPERATIONS.

NOTE:--THE FLEET CLASSIFICATION IS THAT OF THE INTERNATIONAL FISHERIES COMMISSION, UNDER WHICH CRAFT LISTED BY THE COMMISSION AS HAVING THEIR HOME PORT IN ALASKA ARE INCLUDED IN THE "ALASKA FLEET" AND ALL OTHER CRAFT OF UNITED STATES REGISTRY ARE INCLUDED IN THE "WASHINGTON FLEET" IF THEY LAND HALIBUT IN SEATTLE, BRITISH COLUMBIA, OR ALASKA.

## SUMMARY OF UNITED STATES AND CANADIAN HALIBUT CATCH, 1948

(EXPRESSED IN THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

FLEET CLASSIFICATION	LANDED IN						TOTAL	
	SEATTLE, WASHINGTON		BRITISH COLUMBIA		ALASKA			
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
UNITED STATES & ALASKA FLEET	9,080	1,880	2,479	445	23,807	3,655	35,366	5,980
BRITISH COLUMBIA FLEET . . . .	-	-	18,610	3,013	178	31	18,788	3,044
<b>TOTAL . . . . .</b>	<b>9,080</b>	<b>1,880</b>	<b>21,089</b>	<b>3,458</b>	<b>23,985</b>	<b>3,686</b>	<b>54,154</b>	<b>9,024</b>

## CATCH BY UNITED STATES HALIBUT FLEET, 1948

ITEM	LANDED IN						TOTAL	
	SEATTLE, WASHINGTON		BRITISH COLUMBIA		ALASKA			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
<b>ALL VESSELS AND BOATS:</b>								
HALIBUT . . . . .	9,079,738	\$1,879,585	2,479,421	\$445,056	23,806,961	\$3,655,115	35,366,120	\$5,979,756
SABLEFISH . . . . .	1,372,309	227,706	-	-	4,713,764	511,093	6,086,073	738,799
LINGCOD . . . . .	491,683	53,744	-	-	62,858	2,944	554,541	56,688
ROCKFISHES . . . . .	229,698	14,387	-	-	33,092	1,197	262,790	15,584
<b>TOTAL . . . . .</b>	<b>11,173,428</b>	<b>2,175,422</b>	<b>2,479,421</b>	<b>445,056</b>	<b>28,616,675</b>	<b>4,170,349</b>	<b>42,269,524</b>	<b>6,790,827</b>

NOTE: IN ADDITION TO THE ABOVE THERE WERE 1,263,738 POUNDS OF HALIBUT, SABLEFISH, LINGCOD, ROCKFISH, GRAYFISH (DOG FISH), SOUPFIN SHARK AND MISCELLANEOUS LIVERS VALUED AT \$2,020,705 LANDED BY THE UNITED STATES HALIBUT FLEET AT PACIFIC COAST PORTS DURING 1948. THESE VESSELS ALSO LANDED 1,534,534 POUNDS OF HALIBUT, SABLEFISH, LINGCOD AND ROCKFISH VISCERA VALUED AT \$796,131. VESSELS OF THE CANADIAN HALIBUT FLEET LANDED A TOTAL OF 18,787,610 POUNDS OF HALIBUT VALUED AT \$3,043,871 DURING 1948, OF WHICH 178,321 POUNDS VALUED AT \$31,486 WERE LANDED IN ALASKA.

STATISTICS IN THE ABOVE TABLES ARE COMPILED FROM DATA COLLECTED BY THE INTERNATIONAL FISHERIES COMMISSION FOR WASHINGTON AND BRITISH COLUMBIA, AND BY FISH AND WILDLIFE SERVICE AGENTS FOR ALASKA. THIS TABULATION DOES NOT INCLUDE LANDINGS AT PORTS SOUTH OF SEATTLE, WASHINGTON, WHICH AVERAGE LESS THAN 3 PERCENT OF THE ANNUAL PACIFIC COAST CATCH. THESE DATA REPRESENT DRESSED WEIGHT, THE WEIGHT UPON WHICH THE QUOTA IS BASED.

## ATLANTIC COAST MACKEREL FISHERY

During 1948 the mackerel catch on the Atlantic Coast amounted to 31,060,200 pounds, valued at \$3,694,473 to the fishermen. This was a decrease of 7.7 million pounds compared with the 1947 production, but a gain of \$221,178 in value. The largest decrease occurred in purse seine landings in Massachusetts which totaled only 23,722,400 pounds, a decline of 43 percent compared with 1947. The pound net catch taken principally in Massachusetts, increased 7.1 million pounds as compared with 1947.

Massachusetts accounted for 69 percent of the 1948 mackerel catch, while New Jersey and Maine accounted for 10 and 8 percent respectively. Landings in New York, Virginia, Rhode Island, Connecticut, Maryland, New Hampshire, and Delaware yielded the remaining 13 percent.

The purse seine was the principal gear used in the Atlantic mackerel fishery yielding 54 percent of the catch. Other gears used in this fishery, in order of importance were pound nets, lines, gill nets, floating traps, otter trawls, weirs, and stop seines.

## SUMMARY OF ATLANTIC MACKEREL CATCH, 1948

STATE	PURSE SEINES		STOP SEINES		GILL NETS			
	POUNDS	VALUE	POUNDS	VALUE	ANCHOR		DRIFT	
					POUNDS	VALUE	POUNDS	VALUE
NEW ENGLAND:								
MAINE . . . . .	2,872,000	\$143,548	266,200	\$6,660	-	-	84,000	\$4,627
MASSACHUSETTS . . . . .	23,722,400	1,366,266	-	-	-	-	465,900	26,865
NEW HAMPSHIRE . . . . .	-	-	-	-	-	-	8,400	800
RHODE ISLAND . . . . .	667,500	49,264	-	-	-	-	17,500	2,000
CONNECTICUT . . . . .	-	-	-	-	2,000	\$225	-	-
TOTAL . . . . .	27,261,900	1,559,078	266,200	6,660	2,000	225	575,800	34,292
MIDDLE ATLANTIC:								
NEW YORK . . . . .	-	-	-	-	-	-	40,000	5,600
NEW JERSEY . . . . .	507,200	40,576	-	-	-	-	1,564,000	124,520
TOTAL . . . . .	507,200	40,576	-	-	-	-	1,604,000	130,120
CHESAPEAKE:								
MARYLAND . . . . .	-	-	-	-	-	-	180,000	16,200
VIRGINIA . . . . .	21,700	1,953	-	-	-	-	1,817,500	155,387
TOTAL . . . . .	21,700	1,953	-	-	-	-	1,997,500	171,587
GRAND TOTAL . . . . .	27,790,800	1,601,607	266,200	6,660	2,000	225	4,177,300	335,999
STATE	GILL NETS - CONT'D.		LINES					
	POUNDS	VALUE	HAND		TROLL		TRAWL	
			POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
NEW ENGLAND:								
MAINE . . . . .	-	-	28,000	\$1,660	-	-	-	-
MASSACHUSETTS . . . . .	-	-	-	-	-	-	700	\$67
RHODE ISLAND . . . . .	-	-	-	-	6,400	\$617	-	-
CONNECTICUT . . . . .	-	-	150,300	18,540	-	-	-	-
TOTAL . . . . .	-	-	178,300	20,200	6,400	617	700	67
MIDDLE ATLANTIC:								
NEW YORK . . . . .	-	-	2,284,300	286,175	-	-	-	-
NEW JERSEY . . . . .	426,300	\$34,104	2,245,000	179,600	-	-	-	-
TOTAL . . . . .	426,300	34,104	4,529,300	465,775	-	-	-	-
GRAND TOTAL . . . . .	426,300	34,104	4,707,600	485,975	6,400	617	700	67
STATE	POUND NETS		FLOATING TRAPS		WEIRS			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE		
NEW ENGLAND:								
MAINE . . . . .	-	-	534,200	\$28,539	305,100	\$6,718		
MASSACHUSETTS . . . . .	9,260,600	\$932,547	1,676,600	87,529	-	-		
RHODE ISLAND . . . . .	-	-	309,200	25,664	-	-		
CONNECTICUT . . . . .	200	25	-	-	-	-		
TOTAL . . . . .	9,260,800	932,572	2,520,000	141,732	305,100	6,718		

(CONTINUED ON NEXT PAGE)

SUMMARY OF ATLANTIC MACKEREL CATCH, 1948 - Continued

STATE	POUNDS NETS		FLOATING TRAPS		WEIRS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
MIDDLE ATLANTIC:						
NEW YORK . . . . .	65,100	\$8,775	-	-	-	-
NEW JERSEY . . . . .	440,100	35,208	-	-	-	-
TOTAL . . . . .	505,200	43,983	-	-	-	-
CHESAPEAKE:						
MARYLAND . . . . .	8,500	765	-	-	-	-
VIRGINIA . . . . .	52,900	4,761	-	-	-	-
TOTAL . . . . .	61,400	5,526	-	-	-	-
GRAND TOTAL . . . . .	9,827,400	982,081	2,520,000	\$141,732	305,100	\$6,718

STATE	OTTER TRAWLS		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE
NEW ENGLAND:				
MAINE . . . . .	2,000	\$165	4,091,500	\$191,917
MASSACHUSETTS . . . . .	335,000	25,620	35,461,200	2,438,894
NEW HAMPSHIRE . . . . .	-	-	8,400	800
RHODE ISLAND . . . . .	18,800	1,550	1,019,400	79,095
CONNECTICUT . . . . .	50,000	5,400	202,500	24,190
TOTAL . . . . .	405,800	32,735	40,783,000	2,734,896
MIDDLE ATLANTIC:				
NEW YORK . . . . .	172,400	24,145	2,561,800	324,695
NEW JERSEY . . . . .	52,200	4,176	5,234,800	418,184
DELAWARE . . . . .	1,000	80	1,000	80
TOTAL . . . . .	225,600	28,401	7,797,600	742,959
CHESAPEAKE:				
MARYLAND . . . . .	11,200	1,008	199,700	17,973
VIRGINIA . . . . .	387,800	36,544	2,279,900	198,645
TOTAL . . . . .	399,000	37,552	2,479,600	216,618
GRAND TOTAL . . . . .	1,030,400	98,688	51,060,200	3,694,473



## REVIEW OF CERTAIN MAJOR FISHERIES

## PACIFIC COAST MACKEREL FISHERY

The catch of Pacific mackerel during 1948 amounted to 39,387,300 pounds, valued at \$1,380,659 to the fishermen. This represented a decrease of 7 million pounds compared with the previous year.

Nearly the entire Pacific mackerel catch was taken in California. The San Pedro district accounted for 99 percent of the 1948 catch with the San Diego, Monterey, and San Francisco districts and the State of Washington contributing the remaining 1 percent.

Mackerel taken by brail or scoop nets accounted for 71 percent of the 1948 catch and seines 28 percent. The balance was taken by gill and trammel nets, and lines.

## SUMMARY OF PACIFIC MACKEREL CATCH, 1948

DISTRICT	SEINES		GILL AND TRAMMEL NETS		LINES	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CALIFORNIA:						
SAN FRANCISCO . . . . .	2,500	\$74	-	-	-	-
MONTEREY . . . . .	107,900	4,556	2,600	\$109	42,900	\$1,808
SAN PEDRO . . . . .	10,853,600	379,304	19,600	685	56,700	2,330
SAN DIEGO . . . . .	195,100	8,292	19,700	836	190,500	8,098
TOTAL . . . . .	11,159,100	392,226	41,900	1,630	300,100	12,236
WASHINGTON, WASHINGTON COAST . . . . .	-	-	-	-	1,500	75
GRAND TOTAL . . . . .	11,159,100	392,226	41,900	1,630	301,600	12,311

DISTRICT	BRAIL OR SCOOP NETS		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE
CALIFORNIA:				
SAN FRANCISCO . . . . .	-	-	2,500	\$74
MONTEREY . . . . .	-	-	153,400	6,473
SAN PEDRO . . . . .	27,884,700	\$974,492	38,824,600	1,356,811
SAN DIEGO . . . . .	-	-	405,300	17,226
TOTAL . . . . .	27,884,700	974,492	39,385,800	1,380,584
WASHINGTON, WASHINGTON COAST . . . . .	-	-	1,500	75
GRAND TOTAL . . . . .	27,884,700	974,492	39,387,300	1,380,659



## ATLANTIC AND GULF COAST MENHADEN FISHERY

During 1948 the catch of menhaden established a new record of 1,010,590,730 pounds, valued at \$11,734,715 to the fishermen. This represented an increase of 42,603,630 pounds or 4 percent in quantity but a decrease of \$446,240 or 4 percent in value compared with the 1947 catch. Practically the entire 1948 menhaden production was used in the manufacture of oil and meal, with only small quantities being used for bait.

The value of manufactured menhaden products during 1948 totaled \$21,693,093. Dry scrap and meal, including a small amount of acidulated scrap, with a value of \$11,560,914, accounted for 53 percent of the total value, while menhaden oil, valued at \$10,132,179, made up the remaining 47 percent. There were 31 plants which processed menhaden during 1948. The same number operated during 1947.

REVIEW OF CERTAIN MAJOR FISHERIES

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SUMMARY OF MENHADEN CATCH, 1948

STATE	PURSE SEINES		HAUL SEINES		GILL NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
NEW ENGLAND:						
MAINE . . . . .	18,800	\$151	-	-	-	-
CONNECTICUT . . . . .	-	-	-	-	78,700	\$787
TOTAL . . . . .	18,800	151	-	-	78,700	787
MIDDLE ATLANTIC:						
NEW YORK . . . . .	76,540,800	774,427	-	-	-	-
NEW JERSEY . . . . .	148,259,800	1,793,944	-	-	-	-
DELAWARE . . . . .	148,302,500	2,053,152	-	-	-	-
TOTAL . . . . .	373,103,100	4,621,523	-	-	-	-
CHESAPEAKE:						
MARYLAND . . . . .	-	-	1,000	\$13	-	-
VIRGINIA . . . . .	140,303,900	1,487,221	1,433,000	10,712	-	-
TOTAL . . . . .	140,303,900	1,487,221	1,434,000	10,725	-	-
SOUTH ATLANTIC: 1/						
NORTH CAROLINA . . . . .	198,270,400	2,106,866	-	-	-	-
SOUTH CAROLINA . . . . .	4,776,430	38,684	-	-	-	-
EAST COAST FLORIDA . . . . .	46,352,600	343,044	-	-	-	-
TOTAL . . . . .	249,399,430	2,488,594	-	-	-	-
GULF:						
WEST COAST FLORIDA 1/	33,924,100	353,587	-	-	-	-
MISSISSIPPI . . . . .	68,636,100	907,438	-	-	-	-
LOUISIANA . . . . .	88,110,400	1,308,016	-	-	-	-
TEXAS . . . . .	28,184,900	263,120	-	-	-	-
TOTAL . . . . .	218,855,500	2,832,161	-	-	-	-
GRAND TOTAL . . . . .	981,680,730	11,429,650	1,434,000	10,725	78,700	787

STATE	LINES		POUND NETS		FLOATING TRAPS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
NEW ENGLAND:						
MAINE . . . . .	-	-	-	-	5,300	\$76
MASSACHUSETTS . . . . .	-	-	1,014,100	\$12,767	30,700	398
RHODE ISLAND . . . . .	-	-	-	-	35,100	609
CONNECTICUT . . . . .	800	\$95	30,000	300	-	-
TOTAL . . . . .	800	95	1,044,100	13,067	71,100	1,083
MIDDLE ATLANTIC:						
NEW YORK . . . . .	-	-	311,200	3,100	-	-
NEW JERSEY . . . . .	-	-	15,770,900	197,865	-	-
TOTAL . . . . .	-	-	16,082,100	200,965	-	-
CHESAPEAKE:						
MARYLAND . . . . .	-	-	543,300	5,441	-	-
VIRGINIA . . . . .	32,900	246	9,591,800	72,368	-	-
TOTAL . . . . .	32,900	246	10,135,100	77,809	-	-
GRAND TOTAL . . . . .	33,700	341	27,261,300	291,841	71,100	1,083

STATE	FYKE NETS		OTTER TRAWLS		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
NEW ENGLAND:						
MAINE . . . . .	-	-	-	-	24,100	\$227
MASSACHUSETTS . . . . .	-	-	2,500	\$31	1,047,300	13,196
RHODE ISLAND . . . . .	-	-	-	-	35,100	609
CONNECTICUT . . . . .	-	-	-	-	109,500	1,182
TOTAL . . . . .	-	-	2,500	31	1,216,000	15,214

(CONTINUED ON NEXT PAGE)

SEE FOOTNOTE AT END OF TABLE

## REVIEW OF CERTAIN MAJOR FISHERIES

## SUMMARY OF MENHADEN CATCH, 1948 - Continued

STATE	FYKE NETS		OTTER TRAWLS		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
MIDDLE ATLANTIC:						
NEW YORK . . . . .	-	-	-	-	76,852,000	\$777,527
NEW JERSEY . . . . .	-	-	3,000	\$90	164,033,700	1,991,899
DELAWARE . . . . .	-	-	-	-	148,302,500	2,053,152
TOTAL . . . . .	-	-	3,000	90	389,188,200	4,822,578
CHESAPEAKE:						
MARYLAND . . . . .	-	-	20,300	122	564,600	5,576
VIRGINIA . . . . .	5,400	\$45	-	-	151,367,000	1,570,592
TOTAL . . . . .	5,400	45	20,300	122	151,931,600	1,576,168
SOUTH ATLANTIC: 1/						
NORTH CAROLINA . . . . .	-	-	-	-	198,270,400	2,106,866
SOUTH CAROLINA . . . . .	-	-	-	-	4,776,430	38,684
EAST COAST FLORIDA . . . . .	-	-	-	-	46,352,600	343,044
TOTAL . . . . .	-	-	-	-	249,399,430	2,488,594
GULF:						
WEST COAST FLORIDA 1/	-	-	-	-	33,924,100	353,587
MISSISSIPPI . . . . .	-	-	-	-	68,636,100	907,438
LOUISIANA . . . . .	-	-	-	-	88,110,400	1,308,016
TEXAS . . . . .	-	-	-	-	26,184,900	263,120
TOTAL . . . . .	-	-	-	-	218,855,500	2,832,161
GRAND TOTAL . . . . .	5,400	45	25,800	243	1,010,590,730	11,734,715

1/ REPRESENTS ONLY THE CATCH MADE BY THE MENHADEN FLEET.

NOTE:-- TO CONVERT WEIGHT IN POUNDS TO NUMBER OF FISH DIVIDE BY 0.67.

## PACIFIC COAST PILCHARD FISHERY

During 1948 the catch of pilchards amounted to 373,158,900 pounds, valued at \$11,010,356 to the fishermen. This represented an increase of slightly over 100 million pounds or 37 percent in quantity and \$4,870,900 or 79 percent in value compared with the low level of the previous year.

The price paid to fishermen at the beginning of the 1948 season was \$67.50 per ton compared to \$45 the previous season. The price dropped to \$50 by the end of the season, compared to \$60 per ton at the close of the 1947 season. Undoubtedly the take of pilchards in southern California would have been greater if the canners had not imposed daily limits upon the catch of each vessel throughout most of the 1948 season, and if fishing had not been interrupted by price negotiations on two occasions.

## SUMMARY OF PILCHARD CATCH, 1948

STATE & DISTRICT	PURSE SEINES, LAMPARA AND RING NETS		HAUL SEINES		GILL AND TRAMMEL NETS		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
WASHINGTON, PUGET SOUND DISTRICT . . . . .	-	-	108,400	\$4,985	-	-	108,400	\$4,985
OREGON:								
COASTAL DISTRICT . . . . .	-	-	400	12	-	-	400	12
COLUMBIA RIVER DISTRICT . . . . .	11,013,000	\$273,122	-	-	-	-	11,013,000	273,122
TOTAL . . . . .	11,013,000	273,122	400	12	-	-	11,013,400	273,134
CALIFORNIA:								
NORTHERN DISTRICT . . . . .	-	-	-	-	7,300	\$867	7,300	867
SAN FRANCISCO DISTRICT . . . . .	229,800	6,297	-	-	-	-	229,800	6,297
MONTREY DISTRICT . . . . .	95,513,500	3,161,497	-	-	500	17	95,514,000	3,161,514
SAN PEDRO DISTRICT . . . . .	258,269,800	7,414,343	-	-	11,300	325	258,281,100	7,414,668
SAN DIEGO DISTRICT . . . . .	8,004,900	148,891	-	-	-	-	8,004,900	148,891
TOTAL . . . . .	362,018,000	10,731,028	-	-	19,100	1,209	362,037,100	10,732,237
GRAND TOTAL . . . . .	373,031,000	11,004,150	108,800	4,997	19,100	1,209	373,158,900	11,010,356

## ROSEFISH FISHERY

The 1948 catch of rosefish (ocean perch), totaled 238,095,700 pounds, valued at \$9,646,884 to the fishermen. This was 59,943,500 pounds and \$1,898,241 above the former high year of 1946. Seventy-nine percent of the 1948 catch was landed at Massachusetts ports. With the exception of 500 pounds landed in Maryland, the remainder was landed in Maine, principally at Portland and Rockland. Since 1939, the leading port for this species has been Gloucester, Massachusetts

The entire rosefish catch is used for producing fillets, most of which are frozen. Waste from filleting is used in the manufacture of rosefish meal and oil.

## SUMMARY OF ROSEFISH CATCH, 1948

STATE	LINES, TRAWL		OTTER TRAWLS		GILL NETS		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
NEW ENGLAND:								
MAINE . . . . .	300	\$7	49,035,000	\$1,711,578	6,100	\$184	49,041,400	\$1,711,769
MASSACHUSETTS . . . . .	-	-	189,053,800	7,935,101	-	-	189,053,800	7,935,101
TOTAL . . . . .	300	7	238,088,800	9,646,679	6,100	184	238,095,200	9,646,870
CHESAPEAKE, MARYLAND . . . . .	-	-	500	14	-	-	500	14
GRAND TOTAL . . . . .	300	7	238,089,300	9,646,693	6,100	184	238,095,700	9,646,884



## PACIFIC COAST SALMON FISHERY

The salmon catch in the United States and Alaska during 1948 totaled 403,749,970 pounds, a decline of 94 million pounds or 19 percent compared with the previous year. The decrease during 1948 was due primarily to a decrease of nearly 52 million pounds in the Puget Sound District of Washington, where the catch of pink salmon amounted to only 1,600 pounds compared with 52 million pounds in 1947. Pink salmon are taken in quantity in Puget Sound only in the odd-numbered years. The catch of all species of salmon in the Central District of Alaska declined 32.5 million pounds and in the Western District 21 million pounds compared with 1947. Southeastern Alaska and the Washington Coast were the only areas in the Pacific Coast States and Alaska to show a gain over the production of the previous year. The total salmon catch for California showed a decrease of 3.7 million pounds, while the Oregon catch for the same year declined 1.8 million pounds compared with 1947.

## REVIEW OF CERTAIN MAJOR FISHERIES

The most important types of gear used in taking salmon were gill nets, purse seines, and pound nets (including floating traps). The catch of each of these types amounted to over 100 million pounds. Smaller quantities were taken by lines, haul seines, dip nets, and reef nets.

Of the total catch, Alaska produced 84 percent; Washington, 9 percent; Oregon, 5 percent; and California, 2 percent.

## SALMON CATCH BY DISTRICTS AND GEAR, 1948

GEAR AND SPECIES	ALASKA				
	SOUTHEASTERN		CENTRAL	WESTERN	TOTAL
	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
PURSE SEINES: 1/					
CHINOOK OR KING . . . . .	4,540	41,280	41,140	86,960	
CHUM OR KETA . . . . .	15,242,160	18,569,792	1,718,496	35,530,448	
PINK . . . . .	17,342,088	34,296,436	6,056	51,644,580	
RED OR SOCKEYE . . . . .	677,130	6,245,946	2,812,482	9,735,558	
SILVER OR COHO . . . . .	1,106,523	541,683	47,880	1,696,086	
TOTAL . . . . .	34,372,441	59,695,137	4,626,054	98,693,632	
GILL NETS:					
CHINOOK OR KING . . . . .	410,280	1,559,540	1,569,920	3,539,740	
CHUM OR KETA . . . . .	418,160	1,823,104	5,308,448	7,549,712	
PINK . . . . .	563,612	2,146,988	217,908	2,928,508	
RED OR SOCKEYE . . . . .	1,242,660	10,077,822	86,081,184	97,401,666	
SILVER OR COHO . . . . .	1,968,021	4,256,928	478,179	6,703,128	
TOTAL . . . . .	4,602,733	19,864,382	93,655,639	118,122,754	
LINE:					
CHINOOK OR KING . . . . .	9,181,680	-	-	9,181,680	
CHUM OR KETA . . . . .	498,368	-	-	498,368	
PINK . . . . .	618,420	248	-	618,668	
RED OR SOCKEYE . . . . .	4,506	-	-	4,506	
SILVER OR COHO . . . . .	11,461,932	3,276	-	11,465,208	
TOTAL . . . . .	21,764,906	3,524	-	21,768,430	
POUND NETS (INCLUDING FLOATING TRAPS):					
CHINOOK OR KING . . . . .	5,420	745,000	-	750,420	
CHUM OR KETA . . . . .	15,877,304	7,169,872	-	23,047,176	
PINK . . . . .	38,885,672	19,330,072	-	58,215,744	
RED OR SOCKEYE . . . . .	1,222,854	9,559,692	-	10,782,546	
SILVER OR COHO . . . . .	4,776,201	2,212,767	-	6,988,968	
TOTAL . . . . .	60,767,451	39,017,403	-	99,784,854	
GRAND TOTAL . . . . .	121,507,531	118,580,446	98,281,693	338,369,670	

GEAR AND SPECIES	WASHINGTON							
	PUGET SOUND		WASHINGTON COAST		COLUMBIA RIVER		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
PURSE SEINES:								
CHINOOK OR KING . . . . .	348,900	\$60,362	-	-	-	-	348,900	\$60,362
CHUM OR KETA . . . . .	7,817,800	1,399,388	-	-	-	-	7,817,800	1,399,388
PINK . . . . .	700	87	-	-	-	-	700	87
RED OR SOCKEYE . . . . .	5,244,300	1,578,541	-	-	-	-	5,244,300	1,578,541
SILVER OR COHO . . . . .	2,178,900	485,893	-	-	-	-	2,178,900	485,893
TOTAL . . . . .	15,590,600	3,524,271	-	-	-	-	15,590,600	3,524,271
HAUL SEINES: 2/								
CHINOOK OR KING . . . . .	7,800	1,358	-	-	-	-	7,800	1,358
CHUM OR KETA . . . . .	39,000	6,987	-	-	-	-	39,000	6,987
SILVER OR COHO . . . . .	28,000	6,236	-	-	-	-	28,000	6,236
TOTAL . . . . .	74,800	14,581	-	-	-	-	74,800	14,581

SEE FOOTNOTES AT END OF TABLE

(CONTINUED ON NEXT PAGE)



REVIEW OF CERTAIN MAJOR FISHERIES

SALMON CATCH BY DISTRICTS AND GEAR, 1948 - Continued

GEAR AND SPECIES	WASHINGTON							
	PUGET SOUND		WASHINGTON COAST		COLUMBIA RIVER		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
<b>GILL NETS:</b>								
CHINOOK OR KING . . . . .	525,900	\$149,817	540,900	\$114,653	3,442,100	\$719,404	4,508,900	\$983,874
CHUM OR KETA. . . . .	1,112,000	206,660	1,147,100	152,566	380,500	45,656	2,639,600	404,882
PINK. . . . .	100	17	-	-	-	-	100	17
RED OR SOCKEYE. . . . .	437,800	131,765	330,900	120,463	5,600	1,296	774,300	253,524
SILVER OR COHO. . . . .	1,124,200	291,431	1,063,400	232,899	252,700	50,546	2,440,300	574,876
TOTAL. . . . .	3,200,000	779,690	3,082,300	620,581	4,080,900	816,902	10,363,200	2,217,173
<b>LINES:</b>								
CHINOOK OR KING . . . . .	2,422,100	749,638	1,858,900	548,384	434,700	116,065	4,715,700	1,414,087
CHUM OR KETA. . . . .	100	16	100	19	100	15	300	50
PINK. . . . .	600	70	-	-	-	-	600	70
SILVER OR COHO. . . . .	2,187,200	616,789	2,575,900	649,119	1,052,800	221,100	5,815,900	1,487,008
TOTAL. . . . .	4,610,000	1,366,513	4,434,900	1,197,522	1,487,600	337,180	10,532,500	2,901,215
<b>POUNDS NETS: 2/</b>								
CHINOOK OR KING . . . . .	66,500	11,510	-	-	-	-	66,500	11,510
CHUM OR KETA. . . . .	13,500	2,423	-	-	-	-	13,500	2,423
RED OR SOCKEYE. . . . .	6,300	1,886	-	-	-	-	6,300	1,886
SILVER OR COHO. . . . .	110,800	24,698	-	-	-	-	110,800	24,698
TOTAL. . . . .	197,100	40,517	-	-	-	-	197,100	40,517
<b>REEF NETS:</b>								
CHINOOK OR KING . . . . .	31,200	5,395	-	-	-	-	31,200	5,395
CHUM OR KETA. . . . .	112,000	20,050	-	-	-	-	112,000	20,050
PINK. . . . .	200	22	-	-	-	-	200	22
RED OR SOCKEYE. . . . .	447,000	134,556	-	-	-	-	447,000	134,556
SILVER OR COHO. . . . .	283,000	63,102	-	-	-	-	283,000	63,102
TOTAL. . . . .	873,400	223,125	-	-	-	-	873,400	223,125
<b>DIP NETS:</b>								
CHINOOK OR KING . . . . .	-	-	-	-	1,140,100	238,287	1,140,100	238,287
RED OR SOCKEYE. . . . .	-	-	-	-	24,900	5,778	24,900	5,778
TOTAL. . . . .	-	-	-	-	1,165,000	244,065	1,165,000	244,065
<b>GRAND TOTAL. . . . .</b>	<b>24,545,900</b>	<b>5,948,697</b>	<b>7,517,200</b>	<b>1,818,103</b>	<b>6,733,500</b>	<b>1,398,147</b>	<b>38,796,600</b>	<b>9,164,947</b>

GEAR AND SPECIES	OREGON					
	COLUMBIA RIVER		OREGON COAST		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
<b>HAUL SEINES:</b>						
CHINOOK OR KING . . . . .	2,043,700	\$427,132	-	-	2,043,700	\$427,132
CHUM OR KETA. . . . .	108,200	12,986	-	-	108,200	12,986
RED OR SOCKEYE. . . . .	1,500	341	-	-	1,500	341
SILVER OR COHO. . . . .	180,400	36,082	-	-	180,400	36,082
TOTAL. . . . .	2,333,800	476,541	-	-	2,333,800	476,541
<b>GILL NETS:</b>						
CHINOOK OR KING . . . . .	8,047,700	1,681,981	351,600	\$81,930	8,399,300	1,763,911
CHUM OR KETA. . . . .	526,300	63,159	923,300	123,728	1,449,600	186,887
RED OR SOCKEYE. . . . .	36,400	8,441	-	-	36,400	8,441
SILVER OR COHO. . . . .	530,200	106,028	989,300	226,559	1,519,500	332,587
TOTAL. . . . .	9,140,600	1,859,609	2,264,200	432,217	11,404,800	2,291,826
<b>LINES:</b>						
CHINOOK OR KING . . . . .	539,600	144,085	984,600	268,795	1,524,200	412,880
SILVER OR COHO. . . . .	407,900	85,657	932,600	185,586	1,340,500	271,243
TOTAL. . . . .	947,500	229,742	1,917,200	454,381	2,864,700	684,123
<b>POUND NETS:</b>						
CHINOOK OR KING . . . . .	492,000	102,837	-	-	492,000	102,837
CHUM OR KETA. . . . .	29,600	3,556	-	-	29,600	3,556
RED OR SOCKEYE. . . . .	600	138	-	-	600	138
SILVER OR COHO. . . . .	210,400	42,087	-	-	210,400	42,087
TOTAL. . . . .	732,600	148,618	-	-	732,600	148,618

SEE FOOTNOTES AT END OF TABLE

(CONTINUED ON NEXT PAGE)

## SALMON CATCH BY DISTRICTS AND GEAR, 1948 - Continued

GEAR AND SPECIES	OREGON					
	COLUMBIA RIVER		OREGON COAST		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
DIP NETS:						
CHINOOK OR KING . . . . .	1,451,200	\$303,311	-	-	1,451,200	\$303,311
RED OR SOCKEYE . . . . .	26,700	6,197	-	-	26,700	6,197
SILVER OR COHO . . . . .	700	136	-	-	700	136
TOTAL . . . . .	1,478,600	309,644	-	-	1,478,600	309,644
GRAND TOTAL . . . . .	14,633,100	3,024,154	4,181,400	\$886,598	18,814,500	3,910,752

GEAR AND SPECIES	CALIFORNIA					
	NORTHERN DISTRICT		SAN FRANCISCO DISTRICT		MONTEREY DISTRICT	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
GILL NETS, CHINOOK OR KING . . . . .	-	-	3/1,939,800	3/\$467,686	-	-
LINES, CHINOOK OR KING . . . . .	3/4,034,000	3/\$1,093,211	3/1,544,500	3/379,193	3/230,300	3/\$63,503
GRAND TOTAL . . . . .	4,034,000	1,093,211	3,484,300	846,879	230,300	63,503

GEAR AND SPECIES	CALIFORNIA - CONTINUED					
	SAN PEDRO DISTRICT		SAN DIEGO DISTRICT		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
GILL NETS, CHINOOK OR KING . . . . .	-	-	-	-	3/1,939,800	3/\$467,686
LINES, CHINOOK OR KING . . . . .	3/20,500	3/\$5,767	3/100	3/\$41	3/5,829,400	3/1,541,715
GRAND TOTAL . . . . .	20,500	5,767	100	41	7,769,200	2,009,401

- 1/ THE CATCH MADE BY HAUL SEINES IN ALASKA HAS BEEN INCLUDED WITH PURSE SEINES AS DATA ARE NOT AVAILABLE ON THE CATCH OF EACH GEAR SEPARATELY.
- 2/ THE SALMON CAUGHT BY THIS GEAR IN THE PUGET SOUND DISTRICT WERE TAKEN BY INDIANS ON RESERVATIONS.
- 3/ THE QUANTITY SHOWN MAY INCLUDE THE CATCH OF A SMALL QUANTITY OF OTHER SPECIES OF SALMON.



## SUMMARY OF SALMON CATCH BY DISTRICTS, 1948

SPECIES	ALASKA							
	SOUTHEASTERN		CENTRAL		WESTERN		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CHINOOK OR KING . . . . .	9,601,920	\$1,763,589	2,345,820	\$234,582	1,611,060	\$120,829	13,558,800	\$2,119,000
CHUM OR KETA . . . . .	32,035,992	2,600,277	27,562,768	792,430	7,026,944	158,106	66,625,704	3,550,813
PINK . . . . .	57,409,792	4,598,968	55,773,744	2,509,818	223,964	5,591	113,407,500	7,114,377
RED OR SOCKEYE . . . . .	3,147,150	419,620	25,883,460	2,372,650	88,893,666	4,740,996	117,924,276	7,533,266
SILVER OR COHO . . . . .	19,312,677	2,378,927	7,014,654	428,673	526,059	18,704	26,853,390	2,826,304
TOTAL . . . . .	121,507,531	11,761,381	118,580,446	6,338,153	98,281,693	5,044,226	338,369,670	23,143,760

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# REVIEW OF CERTAIN MAJOR FISHERIES

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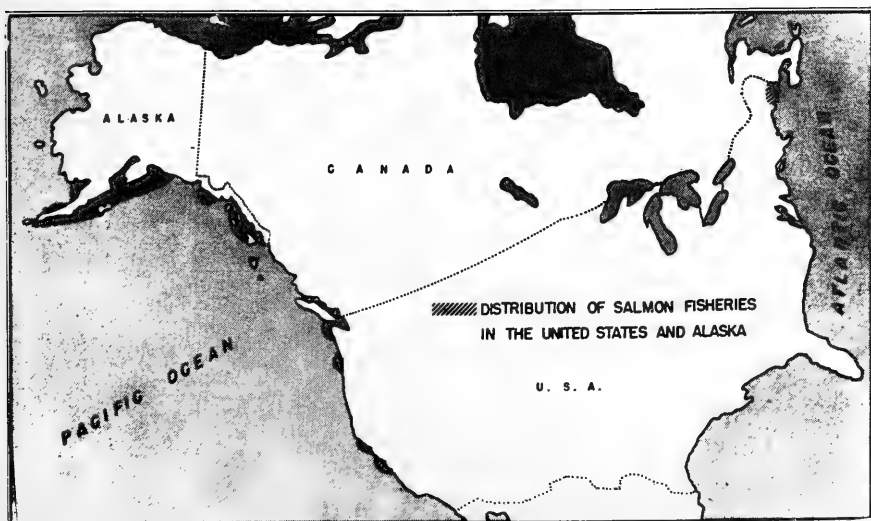
## SUMMARY OF SALMON CATCH BY DISTRICTS, 1948 - Continued

SPECIES	WASHINGTON							
	PUGET SOUND		WASHINGTON COAST		COLUMBIA RIVER		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CHINOOK OR KING . . . . .	3,402,400	\$978,080	2,399,800	\$663,037	5,016,900	\$ 1,073,756	10,819,100	\$2,714,873
CHUM OR KETA . . . . .	9,094,400	1,635,524	1,147,200	152,585	380,600	45,671	10,622,200	1,833,780
PINK . . . . .	1,600	196	-	-	-	-	1,600	196
RED OR SOCKEYE . . . . .	6,135,400	1,846,748	330,900	120,463	30,500	7,074	6,496,800	1,974,285
SILVER OR COHO . . . . .	5,912,100	1,488,149	3,639,300	882,018	1,305,500	271,646	10,856,900	2,641,813
TOTAL . . . . .	24,545,900	5,948,697	7,517,200	1,818,103	6,733,500	1,398,147	38,796,600	9,164,947

SPECIES	OREGON					
	COLUMBIA RIVER		OREGON COAST		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CHINOOK OR KING . . . . .	12,574,200	\$2,659,346	1,336,200	\$350,725	13,910,400	\$3,010,071
CHUM OR KETA . . . . .	664,100	79,701	923,300	123,728	1,587,400	203,429
RED OR SOCKEYE . . . . .	65,200	15,117	-	-	65,200	15,117
SILVER OR COHO . . . . .	1,329,600	269,990	1,921,900	412,145	3,251,500	682,135
TOTAL . . . . .	14,633,100	3,024,154	4,181,400	886,598	18,814,500	3,910,752

SPECIES	CALIFORNIA					
	NORTHERN DISTRICT		SAN FRANCISCO DISTRICT		MONTEREY DISTRICT	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CHINOOK OR KING . . . . .	4,034,000	\$1,093,211	3,484,300	\$846,879	230,300	\$63,503
TOTAL . . . . .	4,034,000	1,093,211	3,484,300	846,879	230,300	63,503

SPECIES	CALIFORNIA - CONTINUED					
	SAN PEDRO DISTRICT		SAN DIEGO DISTRICT		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CHINOOK OR KING . . . . .	20,500	\$5,767	100	\$41	7,769,200	\$2,009,401
TOTAL . . . . .	20,500	5,767	100	41	7,769,200	2,009,401



## REVIEW OF CERTAIN MAJOR FISHERIES

## SUMMARY OF SALMON CATCH BY GEAR, 1948

STATE AND DISTRICT	PURSE SEINES	HAUL SEINES	GILL NETS	LINES
	POUNDS	POUNDS	POUNDS	POUNDS
ALASKA:				
SOUTHEASTERN . . . . .	1/34,372,441	(1)	4,602,733	21,764,906
CENTRAL . . . . .	1/59,695,137	(1)	19,864,382	3,524
WESTERN . . . . .	1/4,626,054	(1)	93,655,639	-
TOTAL . . . . .	98,693,632	-	118,122,754	21,768,430
WASHINGTON:				
PUGET SOUND . . . . .	15,590,600	2/74,800	3,200,000	4,610,000
WASHINGTON COAST . . . . .	-	-	3,082,300	4,434,900
COLUMBIA RIVER . . . . .	-	-	4,080,900	1,487,600
TOTAL . . . . .	15,590,600	74,800	10,363,200	10,532,500
OREGON:				
COLUMBIA RIVER . . . . .	-	2,333,800	9,140,600	947,500
OREGON COAST . . . . .	-	-	2,264,200	1,917,200
TOTAL . . . . .	-	2,333,800	11,404,800	2,864,700
CALIFORNIA:				
NORTHERN DISTRICT . . . . .	-	-	-	4,034,000
SAN FRANCISCO DISTRICT . . . . .	-	-	1,939,800	1,544,500
MONTEREY DISTRICT . . . . .	-	-	-	230,300
SAN PEDRO DISTRICT . . . . .	-	-	-	20,500
SAN DIEGO DISTRICT . . . . .	-	-	-	100
TOTAL . . . . .	-	-	1,939,800	5,829,400
GRAND TOTAL . . . . .	114,284,232	2,408,600	141,830,554	40,995,030
STATE AND DISTRICT	POUND NETS	REEF NETS	DIP NETS	TOTAL
	POUNDS	POUNDS	POUNDS	POUNDS
ALASKA:				
SOUTHEASTERN . . . . .	60,767,451	-	-	121,507,531
CENTRAL . . . . .	39,017,403	-	-	118,580,446
WESTERN . . . . .	-	-	-	98,281,693
TOTAL . . . . .	99,784,854	-	-	338,369,670
WASHINGTON:				
PUGET SOUND . . . . .	2/197,100	873,400	-	24,545,900
WASHINGTON COAST . . . . .	-	-	-	7,517,200
COLUMBIA RIVER . . . . .	-	-	1,165,000	6,733,500
TOTAL . . . . .	197,100	873,400	1,165,000	38,796,600
OREGON:				
COLUMBIA RIVER . . . . .	732,600	-	1,478,600	14,633,100
OREGON COAST . . . . .	-	-	-	4,181,400
TOTAL . . . . .	732,600	-	1,478,600	18,814,500
CALIFORNIA:				
NORTHERN DISTRICT . . . . .	-	-	-	4,034,000
SAN FRANCISCO DISTRICT . . . . .	-	-	-	3,484,300
MONTEREY DISTRICT . . . . .	-	-	-	230,300
SAN PEDRO DISTRICT . . . . .	-	-	-	20,500
SAN DIEGO DISTRICT . . . . .	-	-	-	100
TOTAL . . . . .	-	-	-	7,769,200
GRAND TOTAL . . . . .	100,714,554	873,400	2,643,600	403,749,970

1/ THE CATCH BY HAUL SEINES IN ALASKA IS INCLUDED WITH THAT OF PURSE SEINES.

2/ THE CATCH BY THIS GEAR WAS MADE ON INDIAN RESERVATIONS.

## PACIFIC COAST TUNA FISHERY

Landings of tuna and tunalike fishes in the Pacific Coast States during 1948 totaled 325,005,600 pounds, valued at \$59,724,730. The catch exceeded the previous high established in 1947 by over 57 million pounds.

The banner 1948 catch was attributed to three factors: additional vessels and an increased fishing intensity; a plentiful supply of fish; and an active market for canned tuna. Purse seining operations were carried out in the more southern waters by the use of the two freezerships, Saipan and Tinian. The employment of these freezerships constituted one of the noteworthy developments of the Pacific Coast tuna industry during 1948.

Prices paid for tuna during the 1948 season were the highest ever reached. At the beginning of the year the price for albacore was \$550 per ton. It increased to a high of \$740 per ton for a short period before ending the season at \$500 per ton. During 1948 the price paid for yellowfin was \$340 per ton, bluefin brought \$330 per ton and skipjack \$320 per ton.

Yellowfin was the most important species, accounting for 61 percent of the total landings. Skipjack and albacore represented 19 and 15 percent respectively with the balance consisting of bluefin and bonito.



PACIFIC TUNA CATCH, 1948

STATE AND DISTRICT	PURSE SEINES					
	ALBACORE		BLUEFIN		BONITO	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CALIFORNIA:						
SAN PEDRO DISTRICT:						
OFF CALIFORNIA . . . . .	32,400	\$9,118	1,692,200	\$284,260	29,400	\$3,446
OFF LATIN AMERICA . . . . .	-	-	4,741,500	796,583	8,550,100	997,761
TOTAL . . . . .	32,400	9,118	6,433,700	1,080,843	8,579,500	1,001,207
SAN DIEGO DISTRICT:						
OFF CALIFORNIA . . . . .	-	-	-	-	85,100	9,100
OFF LATIN AMERICA . . . . .	-	-	85,400	13,952	38,000	4,062
TOTAL . . . . .	-	-	85,400	13,952	123,100	13,162
TOTAL, CALIFORNIA . . . . .	32,400	9,118	6,519,100	1,094,795	8,702,600	1,014,369
	GILL AND TRAMMEL NETS					
CALIFORNIA:						
SAN PEDRO DISTRICT:						
OFF CALIFORNIA . . . . .	-	-	-	-	7,300	656
SAN DIEGO DISTRICT:						
OFF CALIFORNIA . . . . .	-	-	-	-	3,700	396
TOTAL, CALIFORNIA . . . . .	-	-	-	-	11,000	1,052

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PACIFIC TUNA CATCH, 1948 - Continued

STATE AND DISTRICT	LINES - CONTINUED					
	SKIPJACK		YELLOWFIN		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
WASHINGTON:						
PUGET SOUND . . . . .	-	-	-	-	644,200	\$202,918
COASTAL . . . . .	-	-	-	-	3,786,100	1,166,131
COLUMBIA RIVER . . . . .	-	-	-	-	487,100	148,570
TOTAL . . . . .	-	-	-	-	4,917,400	1,517,619
OREGON:						
COLUMBIA RIVER 1/ . . . . .	109,600	\$17,400	954,000	\$161,406	6,542,700	1,849,918
COASTAL . . . . .	-	-	-	-	2,483,300	737,536
TOTAL . . . . .	109,600	17,400	954,000	161,406	9,026,000	2,587,454
CALIFORNIA:						
NORTHERN DISTRICT . . . . .	-	-	-	-	732,400	204,272
SAN FRANCISCO DISTRICT . . . . .	-	-	-	-	668,200	184,157
MONTEREY DISTRICT . . . . .	200	29	-	-	1,962,000	517,350
SAN PEDRO DISTRICT:						
OFF CALIFORNIA . . . . .	94,300	14,930	-	-	2,594,800	713,237
OFF LATIN AMERICA . . . . .	10,106,800	1,600,924	31,342,000	5,283,316	47,160,300	8,496,588
TOTAL . . . . .	10,201,100	1,615,854	31,342,000	5,283,316	49,755,100	9,209,825
SAN DIEGO DISTRICT:						
OFF CALIFORNIA . . . . .	165,200	26,244	400	70	4,915,900	1,439,414
OFF LATIN AMERICA . . . . .	44,142,600	7,011,215	127,191,500	21,556,925	191,889,200	34,677,614
TOTAL . . . . .	44,307,800	7,037,459	127,191,900	21,556,995	196,805,100	36,117,028
TOTAL, CALIFORNIA . . . . .	54,509,100	8,653,342	158,533,900	26,840,311	249,922,800	46,232,632
GRAND TOTAL . . . . .	60,554,200	9,534,012	199,426,700	33,405,938	325,005,600	59,724,730

1/ THE CATCH OF SKIPJACK AND YELLOWFIN TUNA CREDITED TO THE COLUMBIA RIVER DISTRICT OF OREGON WAS TAKEN OFF LATIN AMERICA AND SHIPPED TO ASTORIA, OREGON ON TRANSPORTING VESSELS.

SUMMARY OF PACIFIC TUNA CATCH BY DISTRICTS, 1948

STATE AND DISTRICT	ALBACORE		BLUEFIN		BONITO	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
WASHINGTON:						
PUGET SOUND . . . . .	644,200	\$202,918	-	-	-	-
COASTAL . . . . .	3,786,100	1,166,131	-	-	-	-
COLUMBIA RIVER . . . . .	487,100	148,570	-	-	-	-
TOTAL . . . . .	4,917,400	1,517,619	-	-	-	-
OREGON:						
COLUMBIA RIVER . . . . .	5,479,100	1,671,112	-	-	-	-
COASTAL . . . . .	2,483,300	737,536	-	-	-	-
TOTAL . . . . .	7,962,400	2,408,648	-	-	-	-
CALIFORNIA:						
NORTHERN DISTRICT . . . . .	732,400	204,272	-	-	-	-
SAN FRANCISCO . . . . .	668,200	184,157	-	-	-	-
MONTEREY DISTRICT . . . . .	1,961,800	517,321	-	-	-	-
SAN PEDRO DISTRICT:						
OFF CALIFORNIA . . . . .	2,500,700	703,646	1,692,300	\$284,277	68,800	\$8,064
OFF LATIN AMERICA . . . . .	5,653,500	1,605,580	4,741,500	796,583	8,608,100	1,004,529
TOTAL . . . . .	8,154,200	2,309,226	6,433,800	1,080,860	8,676,900	1,012,593
SAN DIEGO DISTRICT:						
OFF CALIFORNIA . . . . .	4,691,400	1,406,719	1,500	243	146,200	15,634
OFF LATIN AMERICA . . . . .	20,273,000	6,078,862	93,500	15,275	312,000	33,351
TOTAL . . . . .	24,964,400	7,485,581	95,000	15,518	458,200	48,985
TOTAL, CALIFORNIA . . . . .	36,481,000	10,700,557	6,528,800	1,096,378	9,135,100	1,061,578
GRAND TOTAL . . . . .	49,360,800	14,626,824	6,528,800	1,096,378	9,135,100	1,061,578

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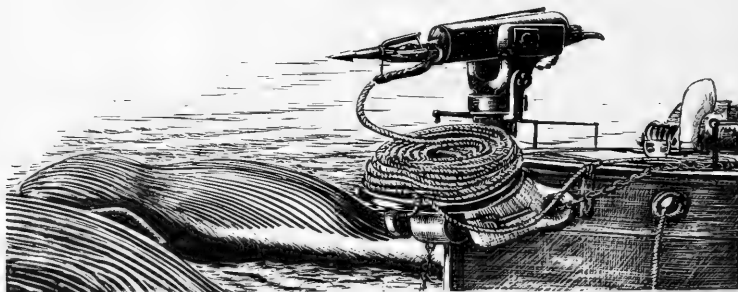
## REVIEW OF CERTAIN MAJOR FISHERIES

## SUMMARY OF PACIFIC TUNA CATCH BY DISTRICTS. 1948 - Continued

STATE AND DISTRICT	SKIPJACK		YELLOWFIN		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
WASHINGTON:						
PUGET SOUND . . . . .	-	-	-	-	644,200	\$202,918
COASTAL . . . . .	-	-	-	-	3,786,100	1,166,131
COLUMBIA RIVER . . . . .	-	-	-	-	487,100	148,570
TOTAL . . . . .	-	-	-	-	4,917,400	1,517,619
OREGON:						
COLUMBIA RIVER <sup>1/</sup> . . . . .	1,782,500	\$205,266	7,702,900	\$969,071	14,964,500	2,845,449
COASTAL . . . . .	-	-	-	-	2,483,300	737,536
TOTAL . . . . .	1,782,500	205,266	7,702,900	969,071	17,447,800	3,582,985
CALIFORNIA:						
NORTHERN DISTRICT . . . . .	-	-	-	-	732,400	204,272
SAN FRANCISCO DISTRICT . . . . .	-	-	-	-	668,200	184,157
MONTEREY DISTRICT . . . . .	200	29	-	-	1,962,000	517,350
SAN PEDRO DISTRICT:						
OFF CALIFORNIA . . . . .	153,700	24,335	-	-	4,415,500	1,020,322
OFF LATIN AMERICA . . . . .	13,825,300	2,189,937	62,629,500	10,557,446	95,457,900	16,154,075
TOTAL . . . . .	13,979,000	2,214,272	62,629,500	10,557,446	99,873,400	17,174,397
SAN DIEGO DISTRICT:						
OFF CALIFORNIA . . . . .	165,300	26,260	400	70	5,004,800	1,448,926
OFF LATIN AMERICA . . . . .	44,627,200	7,088,185	129,094,300	21,879,351	194,399,600	35,095,024
TOTAL . . . . .	44,792,500	7,114,445	129,094,300	21,879,421	199,404,400	36,543,950
TOTAL, CALIFORNIA . . . . .	58,771,700	9,328,746	191,723,800	32,436,867	302,640,400	54,624,126
GRAND TOTAL . . . . .	60,554,200	9,534,012	199,426,700	33,405,938	325,005,600	59,724,730

<sup>1/</sup> THE CATCH OF SKIPJACK AND YELLOWFIN TUNA CREDITED TO THE COLUMBIA RIVER DISTRICT OF OREGON WAS TAKEN OFF LATIN AMERICA AND SHIPPED TO ASTORIA, OREGON ON TRANSPORTING VESSELS.

WHALE HARPOON GUN





WHALING

Only one United States' firm, 'Maritime Industries, Inc.,' which operated a shore station at Fields Landing, California, engaged in the whale fishery during 1948. A total of 67 whales was taken during the year, 29 more than were taken in the previous year.

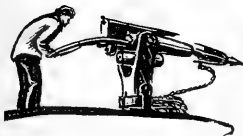
The season commenced on May 1, and closed on October 31, 1948. The catch yielded the following number of whales:

Month	Finback	Humpback	Sperm	Total
May	7	3	5	15
June	7	2	5	14
July	1	3	4	8
August	1	7	7	15
September	2	-	5	7
October	1	1	6	8
Total	19	16	32	67

This total includes one sperm whale which was lost.

The following byproducts were produced from the 1948 catch:

Item	Unit	Quantity	Value
Sperm oil	gallons	62,332	\$66,071
Whale oil	gallons	55,107	61,719
Bone meal	tons	60	3,000
Meat meal	tons	59	4,720
Whale liver	pounds	43,600	12,065
Whale meat	pounds	13,500	570
Whale bone	pounds	2,500	300



## SECTION 13.- STATISTICAL SURVEY PROCEDURE

This report is another in a series of annual statistical reports containing data on the quantity and value of the commercial catch of fishery products and the numbers of persons and operating units engaged in the commercial fisheries of the United States and Alaska. The report has been prepared and published by the Branch of Commercial Fisheries, Fish and Wildlife Service, Department of the Interior, and is a continuation of a series inaugurated by its predecessor organizations in the Departments of Interior, Commerce, Commerce and Labor, and the United States 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 a period of years, and changes in methods have been made at times when such changes have appeared to work toward general improvement. While the surveys in the several sections are not made in the same manner, owing to varying facilities and records in different states, 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 statistical personnel of the Branch. In the course of these surveys, the 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, employment in the fisheries, quantity of fishing gear, number and classification of fishing and transporting craft, and the volume and value of manufactured fishery products and byproducts. The various phases of these surveys are discussed in detail in the sections following.

*History.*--The first comprehensive statistical survey of the fisheries and fishery industries of the United States was made for the year 1880 by George Brown Goode, Assistant Director of the United States National Museum, and associates, with the co-operation 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 of limited areas of the United States were made for various of the intervening years between 1880 and 1908 and from 1909 to 1928. A survey of the entire United States was made for 1908. 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 1948, inclusive. Data on the wholesale and manufacturing industries were collected in all of the surveys from 1933 to 1940, inclusive. In the years since 1940, the lack of personnel and funds precluded the collection of data on wholesale and manufacturing firms except for those data collected as a part of the canned fishery products and byproducts surveys.

The chart on the following page indicates the years for which surveys have been made in the various sections. Figures for more recent years are available from the Service 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 available for reference in the Department of the Interior library and in many public libraries. A bibliography of these reports will be found in Section 16 of this Digest.

SURVEYS OF THE FISHERIES OF THE UNITED STATES

REGION	'80	'81	'82	'83	'84	'85	'86	'87	'88	'89	'90	'91	'92	'93	'94	'95	'96	'97	'98	1999	2000	'01	'02	'03	
NEW ENGLAND STATES																									
MIDDLE ATLANTIC STATES																									
CHESAPEAKE BAY STATES																									
SOUTH ATLANTIC STATES																									
GULF STATES																									
LAKE STATES																									
MISSISSIPPI RIVER STATES																									
PACIFIC COAST STATES																									

REGION	1904	'05	'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16	'17	'18	'19	1920	'21	'22	'23	'24	'25	'26	'27	
NEW ENGLAND STATES																									
MIDDLE ATLANTIC STATES																									
CHESAPEAKE BAY STATES																									
SOUTH ATLANTIC STATES																									
GULF STATES																									
LAKE STATES																									
MISSISSIPPI RIVER STATES																									
PACIFIC COAST STATES																									

REGION	1928	'29	1930	'31	'32	'33	'34	'35	'36	'37	'38	'39	1940	'41	'42	'43	'44	'45	'46	'47	'48			
NEW ENGLAND STATES																								
MIDDLE ATLANTIC STATES																								
CHESAPEAKE BAY STATES																								
SOUTH ATLANTIC STATES																								
GULF STATES																								
LAKE STATES																								
MISSISSIPPI RIVER STATES																								
PACIFIC COAST STATES																								



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 charts indicated 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 information collected 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 was 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 appears in Section 16 of this Digest. In the same Section, there also appears a list of the statistical bulletins in the Current Fishery Statistics series published during 1948.

*Field Personnel.*--The statistics contained in this volume have been collected by a group of trained marketing specialists which comprises a part of the permanent staff of the Branch of Commercial Fisheries of this Service.

*Period Covered.*--These specialists are assigned permanent field stations, generally in the principal port within their field, and travel from that station in conducting their various surveys. They collect statistics of fishery operations for the year preceding that in which they are working; and since their field work occupies the greater part of the year, it is usually at least a year from the end of the calendar year for which they are collecting data until the figures are published. The data usually are collected and published on a calendar year basis, although for some States they are on a fiscal 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. Beginning with 1930 and continuing to the present time, they have been collected on the basis of the calendar year.

*Scope.*--The scope of the coastal statistical surveys include canvasses of the commercial fisheries of the oceans and bays and of the coastal rivers as far inland as commercial fishing is important. This usually coincides with the range of commercial fishing for anadromous species. Statistics of the fisheries of the Mississippi River cover canvasses of the fisheries of the Mississippi River proper as well as all of its tributaries wherein commercial fishing for either fish, crustaceans, or mollusks is prosecuted. Statistics of the fisheries of the Great Lakes cover canvasses of the fisheries prosecuted 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 prosecuted in Lake Okeechobee. Surveys for statistics of the wholesale and manufacturing fishery industries cover such plants located in the coastal, river, and lake areas adjacent to the waters mentioned above.

*Methods of Collection.*--Several methods for the collection of fishery statistics are employed, each of which has been carefully studied to obtain the best results with the available personnel and funds. In most instances the field personnel obtain lists of the names of fishing vessels, names and numbers of motorboats, and names of owners of these craft from local custom officials. Also it usually is possible to obtain the names of licensed commercial fishermen, fishing craft and some statistics on the catch from State fishery agencies; from other State, county or city sources; or from private organizations.

With such preliminary records as are available for their guidance the field specialists visit each fishing community in their field unless these preliminary records are so complete that personal visits may be eliminated. 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 fishery products. While it is impossible for the few Service representatives available for this work to interview each fisherman in a given locality, the more important ones are visited, and a sufficient number of those of lesser importance are interviewed to obtain reliable information on their production, the number of fishing craft employed, the quantity of gear operated, and the number of persons employed as fishermen.

The State fishery agencies in Maine, New York, Maryland, and in the Great Lakes and Pacific Coast States have developed relatively complete statistical systems which greatly facilitate the Service's surveys in these States.

As regards the fisheries of the Great Lakes and International lakes of Northern Minnesota, the Service obtains most of the catch statistics and usually the value of the catch direct from the records of the State fishery agencies. To obtain data on the number of fishermen, boats, vessels, and gear, the Service conducts such personal surveys among the fishermen as may be necessary to supplement the State records.

Service statistical personnel are stationed at Seattle, Washington, and San Pedro, California, who survey the fisheries of the Pacific Coast States. As a rule they obtain figures on the volume of the catch from the records of the State fishery departments. The value of the catch is derived from dealers' records. In Washington and Oregon the 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 department of fisheries. Statistics of the wholesale fishery industry for this section are obtained largely by personal interviews.

In the administration of the Alaska fisheries the Service obtains sworn statements concerning the activities of those prosecuting the fisheries in this area. These statements are compiled by the Alaska Branch of this Service and the summary data, by districts, are reproduced in this report.

Statistics on the volume of the catch of fish of the Great Lakes States usually are shown in weights as landed, which may be in the round or dressed condition. Statistics on the volume of the catch of fish taken in the remainder of the United States are 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 gastropods, and the round weight of crustaceans and such mollusks as squid and octopus.

*Shore and vessel fisheries.*--In general, statistics of the shore fisheries, as collected by the Service's representatives, include data on the number of casual and regular fishermen; number of motor and other fishing boats and accessory boats; type and quantity of gear used; and the volume, value, and method of capture of each species caught by boats (for our purpose craft of less than 5 net tons capacity are called 'boats') for each locality or group of localities. This method is not followed in some sections where the availability of data collected by the States fishery agencies obviates the necessity of detailed locality surveys.

Statistics of the vessel fisheries include data on the number of the crew, rig of vessels, net tonnage, kind and quantity of gear used, accessory boats carried, and volume, value, and method of capture of each species. For our purpose craft of 5 net tons capacity or more are called 'vessels'. As in the shore fisheries, the availability of figures collected by State fishery agencies may eliminate the necessity of our agents collecting these data for individual vessels.

Statistics of 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 enumerated.

All persons engaged in commercial fishing operations are included as fishermen. For our purpose these have been divided into 'regular' and 'casual' fishermen. Regular fishermen are defined as those who receive more than one-half of their annual income from fishing; whereas casual fishermen are those whose principal business is something other than fishing, and who receive less than one-half of their annual compensation from fishing.

The catch of fish and shellfish is credited to the port where it is landed and the craft making the catch is credited to the locality where it landed the greatest portion of its catch during the year, except in the Pacific Coast States where the craft is credited to its home port unless it did not fish from that port during the year. In that case it is credited to the locality where it landed the greatest portion of its catch. Prior to the survey for 1942 it was the practice of the Service to credit the entire catch of a vessel to the principal port of landing, regardless of the actual point of landing. This policy was discontinued, however, since it quite often resulted in inconsistencies by presenting catches of certain fish in areas to which they are not common inasmuch as fishing vessels frequently operate in areas far removed from their principal fishing port. An outstanding example of this is the case of the Southern trawl fishery. In this fishery off the New Jersey, Maryland, Virginia, and North Carolina coasts, many fishing vessels from Massachusetts operate for 6 to 10 weeks during the winter season. Prior to the survey for 1942 the catch of these fish, principally common to these waters, was credited to Massachusetts. Under the present system the catch is credited to the southern port at which it was landed and the vessel, crew, and gear are credited to the port at which the major portion of their catch was landed.

*Publication of Data.*--Statistics of 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 the geographic division 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 annual reports of the Service entitled 'Fishery Statistics of the United States' and in 'Alaska Fishery and Fur-Seal Industries'.

Since 1928, data on the operating units (fishermen, fishing craft, and gear) and catch by counties for the Atlantic Coast and Gulf States have usually been included in the annual statistical reports 'Fishery Statistics of the United States' or its predecessor publication 'Fishery Industries of the United States.' However, funds were not available for the publication of county data for 1932 or for any year after 1938, except 1945. County data were collected for the areas in which surveys were conducted during those years, except in Maryland since 1942, and the data are on file in Washington, D. C. office of the Branch.



## 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, Provincetown, and other Cape Cod ports. Service representatives are permanently stationed at each of these ports. They obtain daily figures on the quantity of fish landed by each fishing craft, the value of such fish landed, the date of departure and arrival of the craft, the gear used in their capture, and, except for ports located on Cape Cod, the grounds from which the fish were taken. The Branch of Fishery Biology and the Fishery Market News Service cooperate in the collection of these data.

Statistics on the landings at the above ports are released monthly and annually in bulletin form and detailed data are published in the annual statistical digests of the Branch. 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. Some data are also available for these ports for earlier years. Information on landings at Provincetown and other Cape Cod ports has been collected annually since 1945, and at New Bedford since 1938.

*Statistics on the landings of Fish at Seattle, Washington.*--Data on the landings by the United States halibut fleet at this port are assembled by the Service from information collected by the International Fisheries Commission. Generally the halibut fleet is considered as consisting of those vessels belonging to members of the Fishing Vessel Owner's Association, Inc., which sell their fares through the Seattle Fish Exchange. This fleet originally fished almost exclusively for halibut. With the shortening of the halibut season, particularly in Area II, a portion of the fleet has fished for other species during the closed season for halibut, and has continued selling their fish through the Exchange. Data on other fishery products received by Seattle Wholesale Dealers, including receipts from Alaska and Canada, which appear in this report, are collected by the Service's Seattle representatives. Prior to 1944, receipts from Alaska and British Columbia were not included in the Seattle receipts published in the Statistical Digests. However, since October, 1938, these data were contained in the monthly and annual reports published by the Seattle Fishery Market News Office.

*Shad and Alewife Fisheries.*--Owing to the importance of the Hudson and Potomac Rivers in the production of shad, surveys for statistics of 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 are available from the State fishery agencies.

Statistics of the annual shad and alewife fisheries are not published separately in bulletin form. However, a summary of the data is published in the annual Statistical Digest.

Statistics of the shad fishery of the Hudson River are available for 1896, 1897, 1898, 1901, 1904, 1910, and annually since 1915, while data for the shad fishery of the Potomac River are available for 1896, 1901, 1904, 1909, 1915, from 1919 to 1942, inclusive, and annually since 1944. Statistics of the alewife fishery of the Potomac River are available for 1896, 1909, 1915, 1919, to 1942, inclusive, and annually since 1944.

*Pacific Halibut Fishery.*--Statistics of the Pacific halibut fishery are obtained by the Service's personnel in Seattle, aided by Service representatives in Alaska, and the International Fisheries Commission. The fleet classification is that of the International Fisheries Commission, under which vessels that are listed by the Commission as having their home port in Alaska are included in the 'Alaska fleet', and all other vessels of United States registry landing at Seattle or ports in British Columbia or Alaska are included in the 'Washington fleet'. The catch is credited to the point where landed in the section 'Review of Certain Major Fisheries'. In the other sections of this report, all halibut is credited to the port where landed, except that all halibut landed by United States and Alaskan craft in British Columbia is credited to Alaska.

Monthly and annual statistical bulletins are available on this fishery, being published along with the statistics of the landings of fishery products at Seattle, Washington and detailed statistics are published in the annual statistical reports of the Branch. Statistics of the landings of halibut at Pacific Coast ports have been collected since 1925.

*Canned Fishery Products and Byproducts.*--Beginning in 1921, the Service has made annual surveys for statistics of the canned fishery products and byproducts industries of every section. These are begun the first week in January of each year for statistics of the production in the preceding year. The Service obtains by mail, so far as possible, the production of canned fishery products or byproducts from each plant in the United States engaged in this business. Where it is impossible to obtain reports by mail, the report is secured by personal visit by the Service's agents. The data obtained for canned fishery products include statistics on the yield and value of the production for each commodity by can sizes, case sizes, and trade classifications. The value shown for canned products and byproducts constitutes the gross amount received by the packer at the production point, no deductions being made for commissions or expenses. Statistics of the canned fishery products and byproducts produced in Alaska are received on the same statements obtained by the Alaska branch that include statistics of general fishery operations.

Annual statistical bulletins are issued on this trade, and detailed statistics of the output are published in the annual Statistical Digest. In addition to the data obtained on the output of these products annually since 1921, data also usually were obtained prior to 1921 for the years the various sections were surveyed.

*Packaged Fish Trade.*--Statistics of the annual production and value of fish packaged in the United States are obtained as a part of the survey for the statistics of the canned fishery products and byproducts industries. These data are released in bulletin form annually and later in more detailed and adjusted form in the annual Statistical Digest. Statistics of the production of packaged fish are available for 1926 and annually since 1928, except that no data was collected for the years 1941 to 1946, inclusive, in California.

*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 Service employees in various cities of the country. 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 annual Statistical Digests issued by the Service. Information regarding cold-storage holdings of fishery products have been published since 1917 and data on quantities of fish frozen, for the years from 1920 to 1925, inclusive and annually since 1928.

*Sponge Market, Tarpon Springs.*--The major proportion of the output of sponges in Florida is sold on the Sponge Exchange at Tarpon Springs. The Service has obtained, from a representative of the Exchange, annual statistics of the quantity and value of the sponges sold by variety. Data on the quantity of sponges marketed by the Exchange is published in the Branch's annual Statistical Digest. Information regarding the transactions on the sponge exchange also are available in bulletin form for 1913, 1914, for the years since 1917.

*Foreign Fishery Trade.*--Statistics of the foreign fishery trade are obtained from compilations made by the Bureau of the Census, Department of Commerce. Statistics of all known fishery products imported or exported have been assembled and published annually since 1926 in the Branch's Statistical Digest. For earlier years, they 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 of importance used in the compilation of fishery statistics are explained below.

*Days Absent.*--In computing 'days absent' for vessels landing fares at the various 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.

*Operating Units.*--Operating units as referred to in this document include persons engaged in the fisheries, and craft and gear employed in the fisheries.

*Vessel.*--The term 'vessel' refers to a craft having a capacity of 5 net tons or more.

*Boat.*--The term 'boat' refers to a craft having a capacity of less than 5 net tons.

*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, the integer is raised or lowered to make it an even number.

*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, there is included under this classification turtles, frogs, sponges, sea weed, worms, etc.

*Whale Products.*--Since data are not available on the poundage of whales taken, statistics appearing in catch tables on the yield of these animals represent the weight of whale products produced such as meal, sperm oil, whale oil, etc. The values shown represent the amount received by the manufacturer for the products.

*Converting.*--Many of the figures shown in the statistical tables published herewith have been converted to thousands of pounds or dollars. In making these conversions the largest number from which a group of items is computed is raised or lowered to the nearest thousands place. The individual items are adjusted to conform to the total thus obtained.

*Confidential data.*--The statistical data collected by the Branch are confidential, and unless specific authorization is given, are not divulged in any manner except to employees of the Fish and Wildlife Service whose duties require this information. Statistics on the production of wholesale and manufacturing firms are published only for commodities or geographical areas where the production of three or more firms may be grouped, unless special permission is obtained from the firms involved to release the data.



## CONVERSION FACTORS

It is the policy of the Service to show detailed catch figures of all products in pounds for the sake of uniformity and for purposes of comparison. This presents 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, thousands of shellfish, gallons of meat, etc. These 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 bivalve mollusks 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 of certain other shellfish, such as crabs, in number.

*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 Service personnel in bushels; and prior to the data obtained for the year 1930 conversion from bushels to pounds of meats was effected on the basis of a uniform yield of 7 pounds of meats to the bushel. However, investigations have shown considerable variation from this figure. 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.

## MEASURES AND YIELDS OF OYSTERS

STATE	CAPACITY OF STATE BUSHEL	VARIATION FROM U. S. STANDARD BUSHEL		MARKET OYSTERS	
		CUBIC INCHES	PERCENT	YIELD PER STATE BUSHEL	YIELD PER STANDARD BUSHEL
				POUNDS OF MEATS	POUNDS OF MEATS
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	7.35	7.00
DELAWARE . . . . .	2,257.3	+ 106.9	+ 5.0	6.30	6.00
MARYLAND . . . . .	2,800.7	+ 650.3	+ 30.3	5.54	4.25
VIRGINIA . . . . .	3,003.9	+ 853.5	+ 39.7	5.80	4.15
NORTH CAROLINA . . . . .	2,801.9	+ 651.5	+ 30.3	4.01	3.08
SOUTH CAROLINA . . . . .	4,071.5	+ 1,921.1	+ 89.3	4.96	2.62
GEORGIA . . . . .	5,343.9	+ 3,193.5	+ 148.5	7.68	3.09
FLORIDA . . . . .	3,214.1	+ 1,063.7	+ 49.4	4.47	2.99
ALABAMA . . . . .	2,826.2	+ 675.8	+ 31.4	5.81	4.42
MISSISSIPPI . . . . .	2,826.2	+ 675.8	+ 31.4	3.44	2.62
LOUISIANA . . . . .	2,148.4	- 2.0	- 0.1	3.84	3.84
TEXAS . . . . .	2,700.0	+ 549.6	+ 25.6	4.58	3.65

NOTE:--DATA ON YIELDS FOR THE STATES OF NORTH CAROLINA, SOUTH CAROLINA, GEORGIA AND THE EAST COAST OF FLORIDA ARE FOR 1945. ALL OTHER DATA ARE FOR 1948.

*Other Mollusks.*--The following table shows the conversion factors for various mollusks, other than oysters, used in this report.

## AVERAGE YIELDS OF CERTAIN MOLLUSKS

POUNDS OF MEAT PER U. S. STANDARD BUSHEL

STATE	CLAMS, HARD		CLAMS, SOFT	CLAMS, SURF	CLAMS, RAZOR	MUSSELS, SEA	PERIWINKLES AND COCKLES	SCALLOPS		CONCHS
	PUBLIC	PRIVATE						BAY	SEA	
			MAINE . . . . .	11.00	-	15.00	-			-
NEW HAMPSHIRE . . . . .	-	-	15.00	-	-	-	-	-	-	-
MASSACHUSETTS . . . . .	11.00	11.00	13.00	11.00	32.00	-	18.00	6.00	6.00	-
RHODE ISLAND . . . . .	1/12.00	-	20.00	-	-	12.00	18.00	6.20	6.00	20.00
CONNECTICUT . . . . .	-	-	20.00	-	-	10.00	-	5.00	6.00	15.00
NEW YORK . . . . .	12.00	-	18.00	12.00	-	-	-	-	6.00	14.00
NEW JERSEY . . . . .	9.00	9.00	20.00	12.00	-	-	-	-	-	14.00
DELAWARE . . . . .	9.00	9.00	-	-	-	-	-	-	-	15.00
MARYLAND . . . . .	7.00	7.00	-	-	-	-	-	-	-	15.00
VIRGINIA . . . . .	7.00	7.00	-	-	-	-	-	-	-	-
NORTH CAROLINA . . . . .	7.65	-	-	-	-	-	-	7.70	-	-
SOUTH CAROLINA . . . . .	8.00	-	-	-	-	5.00	-	-	-	-
FLORIDA . . . . .	8.05	-	-	-	-	-	-	5.06	-	17.00

1/ INCLUDES OCEAN QUAHOG

NOTE:--DATA ON YIELDS FOR NORTH CAROLINA AND SOUTH CAROLINA, ARE FOR 1945. ALL OTHER DATA ARE FOR 1948.

*Other Conversion Factors.*--The principal other conversion factors that have been used in this report are as follows:

Crabs, blue, soft and peelers:

To convert number of crabs to weight in pounds in Louisiana, divide by 4.08; in Connecticut, New Jersey, Delaware and Virginia, by 4; in Maryland, by 3.97, and in North Carolina, by 2.4.

Crabs, blue, hard:

In New York, New Jersey and Delaware, divide by 3; in Virginia, by 2.93; and in Maryland, by 2.82; in Alabama, by 2.4; in Florida, by 2.32; in Louisiana, by 2.09; in North Carolina, South Carolina, Georgia, and Mississippi, by 2; and in Texas, by 1.74.

Crabs, rock:

In Maine, New Hampshire, Massachusetts, and Connecticut, divide by 3; in Rhode Island, by 2.8.

Crabs, stone:

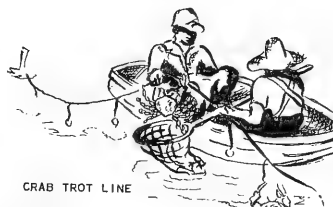
In Florida, divide by 1.

Horseshoe crabs:

In New Jersey, multiply by 3.

Sponges, dried:

In Florida, convert number of bunches to weight in pounds as follows: large wool, multiply by 12; small wool, by 7; wool rags, by 8; yellow, by 4.25 and grass, by 4.17.



## SECTION 14. GLOSSARY OF NAMES OF FISHERY PRODUCTS

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.

Common names as shown in Service reports	Other common names	Scientific names
FISH		
Alewife .....	Branch herring, big-eyed herring, river herring	<i>Pomolobus pseudoharengus</i>
Amberjack .....	Blueback, glut herring, shad herring	<i>Pomolobus aestivalis</i>
Anchovy .....	Jack	<i>Seriola species</i>
Angelfish .....		<i>Engraulis mordax</i>
Anglerfish .....		<i>Pomacanthus species</i>
Barracuda .....		<i>Bolacanthus species</i>
Black bass .....	Goosefish, allmouth, headfish, monkfish, bellyfish	<i>Lophius piscatorius</i>
Bluefish .....	Smallmouth bass	<i>Sphyræna species</i>
Blue pike .....	Large-mouth bass	<i>Micropterus holmieui</i>
Blue runner or hardtail .....	Tailor, skipjack	<i>Micropterus salmoides</i>
Bonito .....	Pike perch, hard pike, blue pickerel (Canada)	<i>Pomatomus saltatrix</i>
Bowfin .....	Runner	<i>Stizostedion vitreum glaucum</i>
Buffalofish .....	See tuna and tunalike fishes	<i>Caranx crysos</i>
Burbot .....	Fresh-water dogfish, tchoupique, grindle	<i>Amia calva</i>
Butterfish .....	Winter carp	<i>Ictiobus species</i>
Cabezona .....	Lawyer, ling	<i>Lota maculosa</i>
Cabio .....	Crab eater, coalfish, lemonfish, black bonito	<i>Poronotus 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>
Chub .....	Longjaw, bluefin, blackfin (United States), tullibee (Canada)	<i>Cyprinus carpio</i>
Cigarfish .....	Scad	<i>Ameiurus species</i>
Cisco .....	Herring (Canada)	<i>Ictalurus species</i>
Cod .....	Codfish	<i>Pilodictis olivaris</i>
Corbina .....	California whiting, corvina, surfhish	All <i>leucichthys</i> except <i>artedi</i> (in Great Lakes)
Crappie .....	White crappie, calico bass	<i>Decapterus punctatus</i>
Crevalle .....	Black crappie	<i>Leucichthys artedi</i> (Lake Erie only)
Croaker .....	Jack, jackfish	<i>Gadus morrhua</i> (Atlantic)
Cunner .....	Crocus, hardhead	<i>Gadus macrocephalus</i> (Pacific)
Cusk .....	Chogset, blue perch, bergall	<i>Nenticirrhus undulatus</i>
Dolly varden trout .....	Salmon trout, bull trout	<i>Pomoxis annularis</i>
Dolphin .....		<i>Pomoxis sparoides</i>
Drum:		<i>Caranx hippos</i>
Black .....	Oyster cracker, oyster drum, sea drum	<i>Micropteron undulatus</i>
Red .....	Channel bass, redfish, spotted bass.	<i>Tautoglabrus adspersus</i>
Eel:		<i>Brosme brosme</i>
Common .....		<i>Salvelinus malma</i>
Conger .....		<i>Coryphaena hippurus</i>
Flounder:		<i>Pogonias cromis</i>
Gray sole .....		<i>Sciaenops ocellata</i>
Lemon sole .....		<i>Anguilla bostoniensis</i>
Yellowtail .....	Dab	<i>Leptocephalus conger</i>
Dab .....	Sea dab	<i>Glyptocephalus cynoglossus</i>
		<i>Pseudopleuronectes dignabilis</i>
		<i>Limanda ferruginea</i>
		<i>Hippoglossoides platessoides</i>

(Continued on next page)

Common names as shown in Service reports	Other common names	Scientific names
Flounder: - Continued		
Blackback .....	Winter flounder .....	<i>Pseudopleuronectes americanus</i>
Fluke .....	Summer flounder, gulf flounder, flounder .....	<i>Paralichthys</i> species
'Sole' .....	.....	Pleuronectidae species and bothidae species
'California halibut' .....	.....	<i>Paralichthys californicus</i>
Unclassified .....	.....	Pleuronectidae and bothidae species
Flying fish .....	.....	<i>Cypselurus</i> species
Frigate mackerel .....	Boo hoo .....	<i>Axix thazard</i>
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>
Goosefish .....	See anglerfish	
	Dogfish .....	<i>Squalus suckleyi</i> (Pacific)
Grayfish .....	Spiny dog .....	<i>Squalus acanthias</i> (Atlantic)
	Smooth dog .....	<i>Mustelus canis</i>
Grouper .....	'Sea bass' .....	[ <i>Epinephelus</i> species <i>Myceteroperca</i> species
Grunt .....	Margate fish, sailors' choice .....	<i>Haemulon</i> species
Haddock .....	.....	<i>Melanogrammus aeglefinus</i>
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)
	.....	[ <i>Hippoglossus hippoglossus</i> (Atlantic) <i>Hippoglossus stenolepis</i> (Pacific)
Halibut .....	.....	<i>Orthodon microlepidotus</i> (Pacific)
Hardhead .....	Sacramento rockfish .....	
Harvestfish .....	Starfish, dollarfish, pappyfish, butterfish (N.C.) .....	<i>Peprilus alepidotus</i>
Herring:		
Lake .....	Herring .....	[ <i>Leucichthys artedi</i> (Great Lakes, except Erie)
Round .....	.....	<i>Etrumeus sadina</i>
Sea .....	.....	[ <i>Clupea harengus</i> (Atlantic) <i>Clupea pallasii</i> (Pacific)
Hickory shad .....	Tailor shad, skip, autumnal herring	<i>Pomolobus mediocris</i>
Hogchoker .....	.....	<i>Trinectes maculatus</i>
Hogfish .....	Capitaine, perro perro .....	<i>Lachnolaimus maximus</i>
Horse mackerel .....	Pacific (see jack mackerel) Atlantic (see tuna, bluefin) .....	
Jack mackerel .....	Horse mackerel .....	<i>Trachurus symmetricus</i>
Jewish .....	.....	<i>Promicrops itaiara</i>
John dory .....	.....	<i>Zenopsis ocellata</i>
Kingfish .....	Little roncador, croaker, tom cod ..	<i>Genyonemus lineatus</i>
King mackerel .....	Cero, kingfish .....	[ <i>Scomberomorus cavalla</i> <i>Scomberomorus regalis</i> <i>Henticirrhus</i> species
King whiting or 'kingfish' ...	Whiting, sea mink, ground millet ...	<i>Cristivomer namaycush</i>
Lake trout .....	.....	[ <i>Petromyzon marinus</i> (Atlantic) <i>Entosphenus tridentatus</i> (Pacific)
Lamprey .....	.....	<i>Ammodytes tobianus</i>
Launce .....	Sand eel, lant, sand launce .....	<i>Obhiodon elongatus</i>
Lingcod .....	Cultus cod, blue cod, buffalo cod, ling	[ <i>Scomber scombrus</i> (Atlantic) <i>Pneumatophorus diego</i> (Pacific)
Mackerel .....	.....	<i>Nakaia</i> species
Marlin .....	.....	<i>Brevoortia</i> species
Menhaden .....	Mossbunker, pogy, fatback .....	Cyprinidae family
Minnow .....	.....	

(Continued on next page)

## GLOSSARY OF NAMES OF FISHERY PRODUCTS

Other names as shown in Service reports	Other common names	Scientific names
Mojarra .....	Sand perch, sand bream .....	Gerridae family
Mooneye .....	Toothed herring .....	<i>Hiodon</i> species
Moonfish .....		{ <i>Vomer setipinnis</i> <i>Selene vomer</i>
Mullet .....	{ Jumping mullet, striped mullet, silver mullet .....	<i>Mugil</i> species
Mummichog .....	Mayfish, killifish .....	<i>Fundulus</i> species
Muttonfish .....	Mutton snapper .....	<i>Lutianus analis</i>
Ocean pout .....	Eelpout, sea pout .....	<i>Macrzoarces anguillar</i>
Paddlefish .....	Spoonbill cat .....	<i>Polyodon spathula</i>
Perch .....	Surffish .....	Embiotocidae family (Pacific)
Permit .....		<i>Trachinotus goodei</i>
Pigfish .....	Hogfish (N. C.) .....	<i>Orthopristis chrysopterus</i>
Pike or pickarel .....	Great lakes pike .....	{ <i>Esox reticulatus</i> <i>Esox lucius</i>
Pilchard .....	Sardine .....	<i>Sardinops caerulea</i>
Pinfish .....	Bream, salt-water bream .....	<i>Lagodon rhomboides</i>
Pollock .....	Boston bluefish .....	<i>Pollachius virens</i>
Pompano .....	Great pompano .....	{ <i>Trachinotus</i> species (Atlantic) <i>Falometa similima</i> (Pacific)
Porgy .....	See scup or porgy .....	
Quillback .....	Spearfish or skinfish .....	<i>Carpiodes</i> species
Ratfish .....		<i>Hydrolagus colliei</i>
Roach .....	Golden shiner .....	<i>Notemigonus crysoleucas</i>
Rock bass .....	{ Redeye, goggle-eye .....	<i>Ambloplites rupestris</i> (fresh-water)
	Groupers, sand bass .....	<i>Paralabrax nebulifer</i> (Pacific)
Rockfish .....	Rock cod, snapper .....	<i>Sebastes</i> species (Pacific)
Rosefish .....	Ocean perch, redfish, red perch .....	<i>Sebastes marinus</i>
Rudderfish .....	{ Blue bass, greenfish .....	<i>Girella nigricans</i>
	Halfmoon .....	<i>Medialuna californiensis</i>
Sablefish .....	Black cod .....	<i>Anoplopoma fimbria</i>
Salmon:		
Atlantic .....		<i>Salmo salar</i> (Atlantic)
Pacific:		
Chinook or king .....	Tyee, 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>
Steelhead .....	See steelhead trout .....	
Sand perch .....	Yellowtail perch .....	<i>Bairdiella chrysura</i>
Sauger .....	Sand pike .....	<i>Stizostedion canadense</i>
Sawfish .....		<i>Pristis pectinatus</i>
Sculpin .....	Scorpionfish .....	<i>Scorpaena guttata</i>
Scup or porgy .....	Porgee, paugy, fair maid .....	<i>Calamus</i> or <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 marina</i>
Sea robin .....		<i>Prionotus</i> species
Sea trout or weakfish:		
Gray .....	Gray trout, squeteregue .....	<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 .....		{ <i>Carcharodon</i> species; <i>mustelus</i> species, <i>carcharhinus</i> species; <i>sphyrna</i> species, <i>lamna</i> species; and others

(Continued on next page)

Other names as shown in Service reports	Other common names	Scientific names
Sheepshead:		
Fresh-water .....	[ Fresh-water drum, whitefish, gaspergou, gou .....	<i>Aplodinotus grunniens</i>
Salt-water .....	[ Redfish, fathead .....	<i>Archosargus</i> species (Atlantic) <i>Pimelometopon pulchrum</i> (Pacific)
Silver perch .....	See sand perch	
Silverside .....	Spearing .....	<i>Menidia</i> species
Skate .....	Ray, rajafish .....	<i>Raja</i> species
Skipper .....	Billfish .....	<i>Scomberesox saurus</i> <i>Osmerus mordax</i> (Atlantic and Great Lakes)
Smelt .....	[ .....	Atherinidae and osmeridae species (Pacific)
	[ Eulachon .....	<i>Thaleichthys pacificus</i>
Snapper:		
Lane .....	Schoolmaster .....	<i>Lutianus synagris</i>
Mangrove .....	Gray snapper .....	<i>Lutianus griseus</i>
Red .....	.....	<i>Lutianus blackfordii</i>
Snook .....	Robalo, sergeantfish, pike .....	<i>Centropomus undecimalis</i>
Spadefish .....	Porgy (N. C.), angelfish .....	<i>Chaetodipterus faber</i>
Spanish mackerel .....	Mackerel .....	<i>Scomberomorus maculatus</i>
Splittail .....	.....	<i>Pogonichthys macrolepidotus</i>
Spot .....	Lafayette, goody .....	<i>Leiostomus xanthurus</i>
Squawfish .....	Sacramento pike .....	<i>Ptychocheilus grandis</i>
Squirrel hake .....	See hake, red	
Steelhead trout .....	Salmon trout .....	<i>Salmo gairdnerii</i>
Striped bass .....	Rockfish, rock .....	<i>Roccus saxatilis</i>
Sturgeon:		
Common .....	.....	<i>Acipenser</i> species
Shovelnose .....	.....	<i>Scaphirhynchus platyrhynchus</i>
Sucker .....	Fresh-water mullet, redfin, bayfish ...	Catostomidae species
Sunfish .....	Bream, perch, bluegill .....	Centrarchidae species
Surffish .....	See perch	
Swellfish .....	Puffer, swell toad, globefish, blowfish	<i>Sphoeroides maculatus</i>
Swordfish .....	.....	<i>Xiphias gladius</i>
Tautog .....	Blackfish, oystercod .....	<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 caprisus</i>
Tripletail .....	Sunfish (N. C.) blackfish .....	<i>Lobotes surinamensis</i>
Tullibee .....	See chub	
Tuna and tunalike fishes:		
Albacore .....	Longfin tuna .....	<i>Germo alalunga</i>
Bluefin .....	[ Horse mackerel .....	<i>Thunnus saliens</i> <i>Thunnus thynnus</i> <i>Thunnus secundodorsalis</i>
Bonito .....	.....	[ <i>Sarda sarda</i> (Atlantic) <i>Sarda chiliensis</i> (Pacific)
Little .....	Bonito, albacore, false albacore .....	<i>Euthynnus alleteratus</i>
Skipjack .....	Striped tuna .....	<i>Katsuwonus pelamis</i>
Yellowfin .....	.....	<i>Neothunnus macropterus</i>
Turbot .....	[ Greenland halibut .....	<i>Reinhardius hippoglossoides</i> (off New England)
	[ American turbot, triggerfish .....	<i>Balistes carolinensis</i> (off Florida)

(Continued on next page)

## GLOSSARY OF NAMES OF FISHERY PRODUCTS

Common names as shown in Service reports	Other common names	Scientific names
Wahoo .....	.....	<i>Acanthocybium solandri</i>
White bass .....	White lake bass .....	<i>Roccus chrysops</i>
Whitebait .....	Small fry of several species .....	
Whitefish:		
Common .....	.....	<i>Coregonus clupeaformis</i>
Menominee .....	.....	<i>Prosopium quadrilaterale</i>
Ocean .....	Blanguillo .....	<i>Caulolatilus princeps</i>
White perch .....	.....	<i>Morone americana</i>
Whiting .....	Silver hake .....	<i>Merluccius bilinearis</i>
Wolffish .....	Catfish (New England) .....	<i>Anarhichas lupus</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 .....	.....	[ <i>Ocyurus chrysurus</i> (Florida)
Yellowtail flounder .....	See flounder, yellowtail	[ <i>Seriola dorsalis</i> (Pacific)
<b>CRUSTACEANS</b>		
Crabs:		
Blue:		
Hard .....	Hard-shell crab .....	<i>Callinectes sapidus</i>
Soft and peelers .....	Soft-shelled crab .....	<i>Callinectes sapidus</i>
Dungeness .....	.....	<i>Cancer magister</i>
King .....	Alaska king crab .....	<i>Paralithodes camtschatica</i>
Rock .....	.....	[ <i>Cancer irroratus</i> (New England)
Stone .....	.....	[ <i>Cancer</i> species (California)
.....	.....	<i>Menippe mercenaria</i>
Crawfish:		
Fresh-water .....	Crayfish .....	[ <i>Cambarus</i> species (Atlantic)
Sea .....	See lobster, spiny .....	[ <i>Astacus</i> species (Pacific)
Horseshoe crab .....	King crab .....	<i>Limulus</i> species
Lobster:		
Northern .....	.....	<i>Homarus americanus</i> (Atlantic)
Spiny .....	Sea crawfish, rock lobster .....	[ <i>Panulirus argus</i> (Atlantic)
.....	.....	[ <i>Panulirus interruptus</i> (Pacific)
.....	.....	[ <i>Penaeus setiferus</i> (South
.....	.....	<i>Penaeus duorarum</i> Atlantic
.....	.....	<i>Penaeus aztecus</i> and
.....	.....	<i>Lyphopeneus kroyeri</i> Gulf
.....	.....	<i>Pandalus</i> species (Atlantic and Pacific)
.....	.....	<i>Pandalopsis</i> species (Pacific)
.....	.....	[ <i>Crangon</i> species (Pacific)
Shrimp .....	Prawn .....	
<b>MOLLUSKS</b>		
Abalone .....	.....	<i>Halotis</i> species
Clam:		
Cockle .....	.....	<i>Cardium corbis</i> (Pacific)
Coquina .....	Pompano shells .....	<i>Donax variabilis</i>
Butter .....	.....	<i>Saxidomus nuttali</i> (Pacific)
Hard	[ Little neck .....	<i>Paphia staminea</i> (Pacific)
.....	[ Round clam, cherrystone, quahog,	[ <i>Venus mercenaria</i> (Atlantic)
.....	little neck .....	[ <i>Venus mortoni</i> (Florida)
Pismo .....	.....	<i>Tivela stultorum</i> (Pacific)
Razor .....	.....	[ <i>Ensis</i> species (Atlantic)
.....	.....	[ <i>Siliqua patula</i> (Pacific)
Soft .....	[ Soft-shell clam, sand clam,	<i>Mya arenaria</i>
.....	nannynose, maninose .....	
Surf .....	Skimmer .....	<i>Nacra solidissima</i>

(Continued on next page)



Common names as shown in Service reports	Other common names	Scientific names
Conch .....		[ <i>Strombus</i> species <i>Busucon</i> species
Limpet .....		<i>Achea testudinialis</i>
Mussel:		
Sea .....		[ <i>Mytilus californianus</i> (Pacific) <i>Mytilus edulis</i> (Atlantic)
Fresh-water .....		[ <i>Quadrula</i> species <i>Lampsilis</i> species <i>Unio</i> species <i>Symphynota</i> species
Octopus .....	Devilfish .....	<i>Octopus punctatus</i>
Oyster:		
Eastern .....	Cove .....	<i>Ostrea virginica</i>
Pacific (introduced) .....	Japanese .....	<i>Ostrea gigas</i>
Western .....	Olympia, native .....	<i>Ostrea lurida</i>
Periwinkle or cockle .....		[ <i>Littorina</i> species <i>Lunatia</i> species
Scallop:		
Bay .....		[ <i>Pecten irradians</i> (Atlantic) <i>Pecten aequisulcatus</i> (Pacific)
Sea .....		<i>Pecten magellanicus</i>
Squid .....	Inkfish, bone squid, tawtau .....	[ <i>Loligo opalescens</i> (Pacific) <i>Loligo pealei</i> (Atlantic)
<b>OTHER</b>		
Sea urchin .....	Sea eggs .....	<i>Strongylocentrotus drobachiensis</i>
Starfish .....		Asteroidae class
Terrapin .....	Diamond-back terrapin .....	<i>Malaclemys</i> species
Turtle:		
Green .....		<i>Chelonia mydas</i>
Loggerhead .....		<i>Caretta</i> species
Hawksbill .....		<i>Eretmochelys inbricata</i>
Snapper .....	Hard-shell, alligator turtle .....	[ <i>Chelydra serpentina</i> <i>Macrochelys temnickii</i>
Soft-shell .....		<i>Trionyx</i> species
Frogs .....		<i>Rana</i> species
Irish moss .....		<i>Chondrus crispus</i>
Kelp .....		[ <i>Macrocystis</i> species, <i>nerocystis</i> species, <i>pelagophycus</i> species, <i>alaria</i> species
Rockweed .....	Seaweed .....	<i>Laminaria</i> species
Sponge:		
Glove .....		[ <i>Spongia graminea</i> <i>Euspongia officinalis</i>
Grass .....		<i>Hippospongia equina cerebriformis</i>
Sheepswool .....	Wool .....	<i>Hippospongia canaliculata gossypina</i>
Yellow .....		<i>Hippospongia equina elastica</i>
Trepang .....	Sea cucumber .....	<i>Cucumaris frondosa</i> , <i>Thyone briareus</i>
Bloodworms .....		Terebellidae family
Sandworms .....		<i>Nereis</i> species

## SECTION 15. - PICTORIAL SECTION

As many of the readers of this publication may not be familiar with all of the species of fish and shellfish, etc., taken commercially in the United States and Alaska, 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 they are taken commercially 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 of apparatus which are normally used in their capture. The gear do not necessarily appear in the order of their importance.

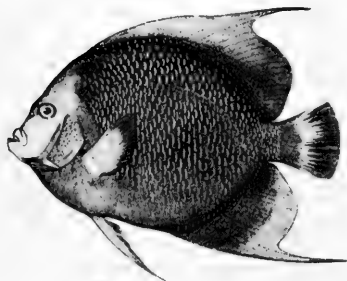
For more detailed information on the nomenclature of the fishery products listed below the reader is referred to Section 14 of this publication entitled, 'Glossary of Names of Fishery Products'.



ALEWIFE.  
 RANGE - FLORIDA TO NEW ENGLAND  
 GEAR - POUND NETS, GILL NETS, WEIRS,  
 DIP NETS, HAUL SEINES,  
 FLOATING TRAPS, FYKE NETS



AMBERJACK  
 RANGE - FLORIDA  
 GEAR - HAND LINES, TROLL LINES



ANGELFISH  
 RANGE - FLORIDA  
 GEAR - HAUL SEINES



ANGLERFISH  
 RANGE - NEW JERSEY TO MASSACHUSETTS  
 GEAR - OTTER TRAWLS, POUND NETS



BLACK BASS  
 RANGE - FRESH-WATER  
 GEAR - HAUL SEINES, FYKE NETS, POUND  
 NETS, LINES



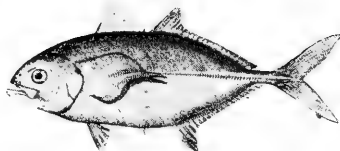
BARRACUDA, (PACIFIC)  
 RANGE - CALIFORNIA  
 GEAR - PURSE SEINES, SET LINES,  
 HAND LINES, TROLL LINES,  
 GILL AND TRAMMEL NETS.



BARRACUDA, (ATLANTIC)  
 RANGE - FLORIDA  
 GEAR - TROLL LINES, HAND LINES



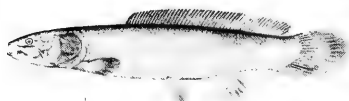
**BLUEFISH**  
 RANGE - GULF OF MEXICO TO NEW ENGLAND  
 GEAR - HAUL SEINES, GILL NETS, POUND NETS, TROLL LINES, PURSE SEINES



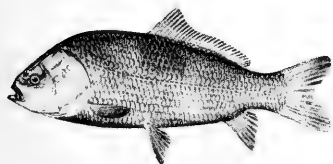
**BLUERUNNER OR HARDTAIL**  
 RANGE - GULF OF MEXICO  
 GEAR - HAUL SEINES, GILL NETS, POTS



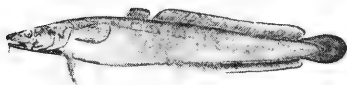
**BONITO, (ATLANTIC)**  
 RANGE - NORTH CAROLINA TO MASSACHUSETTS  
 GEAR - POUND NETS, TROLL LINES, GILL NETS



**BOWFIN**  
 RANGE - FRESH-WATER  
 GEAR - HAUL SEINES, TRAP NETS, FYKE NETS



**BUFFALOFISH**  
 RANGE - FRESH-WATER  
 GEAR - HAUL SEINES, FYKE NETS, TRAMMEL NETS, TROT LINES



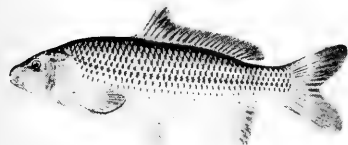
**BURBOT**  
 RANGE - GREAT LAKES  
 GEAR - GILL NETS, FYKE NETS, POUND NETS (TRAP NETS)



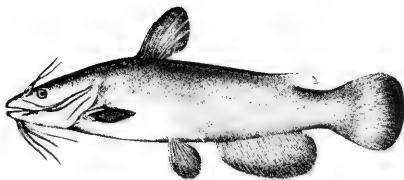
**BUTTERFISH**  
 RANGE - FLORIDA TO NEW ENGLAND  
 GEAR - POUND NETS, HAUL SEINES, OTTER TRAWLS



**CABIO**  
 RANGE - FLORIDA TO VIRGINIA  
 GEAR - HAND LINES, POUND NETS



**CARP**  
 RANGE - FRESH-WATER  
 FEAR - HAUL SEINES, GILL NETS, TRAP NETS, FYKE NETS, POUND NETS, TROT LINES



**CATFISH**  
 RANGE - FRESH-WATER  
 GEAR - HAUL SEINES, TROT LINES, POUND NETS, POTS, FYKE NETS

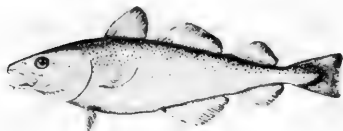
## PICTORIAL SECTION



CHUB  
RANGE - GREAT LAKES  
GEAR - GILL NETS



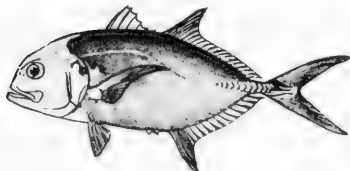
CIGARFISH  
RANGE - FLORIDA  
GEAR - HAUL SEINES



COD  
RANGE - VIRGINIA TO MAINE, WASHINGTON  
AND ALASKA  
GEAR - OTTER TRAWLS, LINE TRAWLS,  
GILL NETS



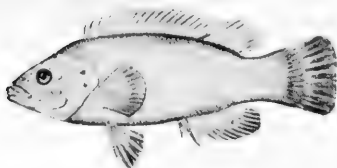
CRAPPIE  
RANGE - FRESH-WATER LAKES  
GEAR - HAUL SEINES, LINES, POTS



CREVALLE  
RANGE - SOUTH ATLANTIC AND GULF STATES  
GEAR - HAUL SEINES, GILL NETS, LINES



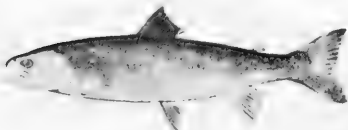
CROAKER, (ATLANTIC)  
RANGE - GULF OF MEXICO TO NEW YORK  
GEAR - POUND NETS, OTTER TRAWLS,  
HAUL SEINES, GILL NETS



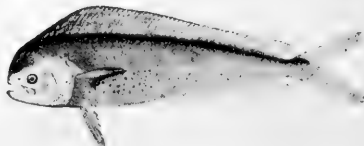
CUNNER  
RANGE - NEW ENGLAND  
GEAR - OTTER TRAWLS, HAND LINES



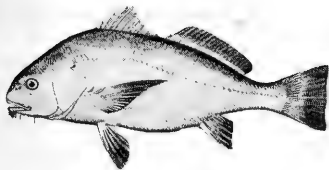
CUSK  
RANGE - NEW ENGLAND  
GEAR - OTTER TRAWLS, TRAWL LINES



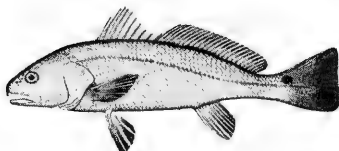
DOLLY VARDEN TROUT  
RANGE - PACIFIC COAST  
GEAR - POUND NETS, GILL NETS, LINES



DOLPHIN  
RANGE - FLORIDA TO NORTH CAROLINA  
GEAR - TROLL LINES



DRUM, BLACK  
 RANGE - TEXAS TO NORTH CAROLINA  
 GEAR - HAUL SEINES, POUND NETS, LINES



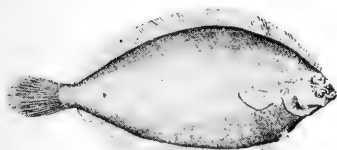
DRUM, RED  
 RANGE - TEXAS - MARYLAND  
 GEAR - POUND NETS, HAUL SEINES,  
 GILL NETS, LINES



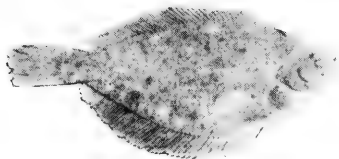
EEL, CONGER  
 RANGE - FLORIDA TO NEW ENGLAND  
 GEAR - OTTER TRAWLS



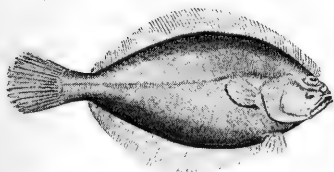
EEL, COMMON  
 RANGE - FLORIDA TO NEW ENGLAND AND  
 IN MISSISSIPPI RIVER, LAKE  
 ONTARIO  
 GEAR - POTS, SPEARS, POUND NETS



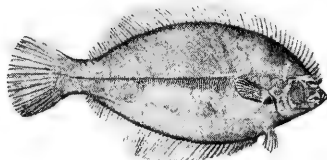
GRAY SOLE  
 RANGE - MASSACHUSETTS TO MAINE  
 GEAR - OTTER TRAWLS



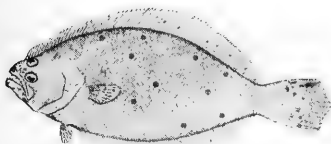
LEMON SOLE  
 RANGE - NEW YORK TO MAINE  
 GEAR - OTTER TRAWLS



DAB  
 RANGE - MASSACHUSETTS TO NOVA SCOTIA  
 GEAR - OTTER TRAWLS, TRAWL LINES



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 TRAWLS, SPEARS, LINES



FLYING FISH  
 RANGE - PACIFIC AND ATLANTIC  
 OCEANS  
 GEAR - GILL NETS



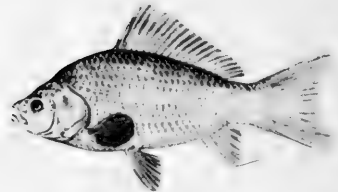
FRIGATE MACKEREL  
 RANGE - MIDDLE ATLANTIC  
 GEAR - POUND NETS



GARFISH  
 RANGE - FRESH-WATER  
 GEAR - HAUL SEINES, LINES



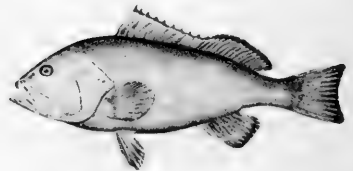
GIZZARD SHAD  
 RANGE - NORTH CAROLINA TO  
 MARYLAND, GREAT LAKES  
 GEAR - HAUL SEINES, POUND NETS,  
 GILL NETS



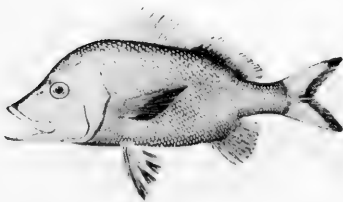
GOLDFISH  
 RANGE - LAKES AND RIVERS  
 GEAR - HAUL SEINES, TRAP NETS, FYKE  
 NETS



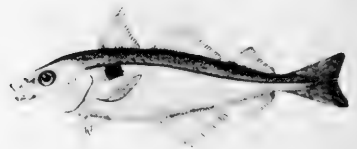
GRAYFISH  
 RANGE - PACIFIC COAST STATES  
 GEAR - TRAWL LINES, OTTER TRAWLS,  
 GILL NETS



GROUPER  
 RANGE - TEXAS TO SOUTH CAROLINA  
 GEAR - HAND LINES, POTS



GRUNT  
 RANGE - FLORIDA  
 GEAR - POTS, GILL NETS, LINES



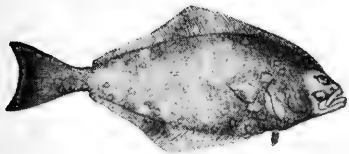
HADDOCK  
 RANGE - NEW ENGLAND STATES  
 GEAR - OTTER TRAWLS, GILL NETS  
 LINE TRAWLS



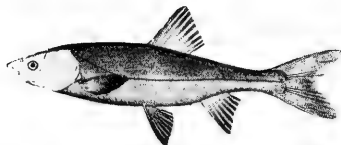
HAKE, RED  
 RANGE - CHESAPEAKE BAY TO NEW ENGLAND  
 GEAR - GILL NETS, OTTER TRAWLS, LINE TRAWLS



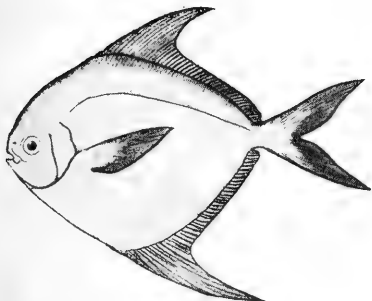
HAKE, WHITE  
 RANGE - CHESAPEAKE BAY TO NEW  
 ENGLAND  
 GEAR - GILL NETS, OTTER TRAWLS,  
 LINE TRAWLS



HALIBUT  
 RANGE - PACIFIC COAST - NEW ENGLAND  
 GEAR - TRAWL LINES, OTTER TRAWLS



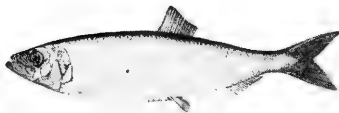
HARDHEAD  
 RANGE - CALIFORNIA  
 GEAR - FYKE NETS



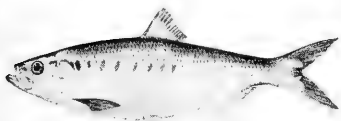
HARVESTFISH OR "STARFISH"  
 RANGE - NORTH CAROLINA TO  
 CHESAPEAKE BAY  
 GEAR - HAUL SEINES, POUND NETS



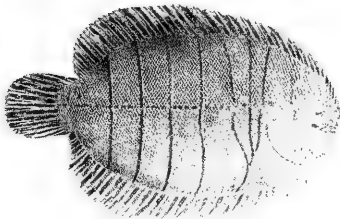
HERRING, LAKE  
 RANGE - GREAT LAKES  
 GEAR - GILL NETS, HAUL SEINES,  
 POUND NETS, TRAP NETS



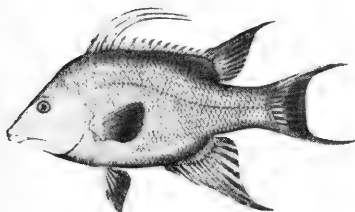
HERRING, SEA  
 RANGE - NEW JERSEY TO NEW ENGLAND  
 PACIFIC COAST STATES AND  
 ALASKA  
 GEAR - PURSE SEINES, WEIRS,  
 FLOATING TRAPS, STOP SEINES



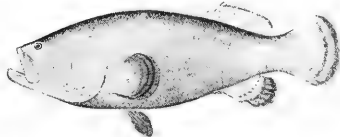
HICKORY SHAD  
 RANGE - FLORIDA TO RHODE ISLAND  
 GEAR - POUND NETS, HAUL SEINES, GILL NETS  
 FLOATING TRAPS



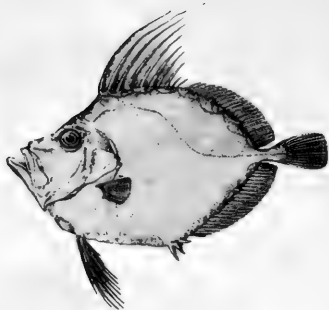
HOGCHOKER  
 RANGE - CHESAPEAKE BAY  
 GEAR - POUND NETS, HAUL SEINES



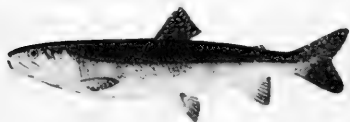
HOGFISH  
 RANGE - FLORIDA  
 GEAR - LINES



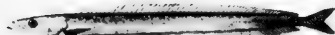
JEW FISH  
 RANGE - FLORIDA  
 GEAR - HAND LINES



JOHN DORY  
RANGE - MIDDLE ATLANTIC STATES  
GEAR - OTTER TRAWLS



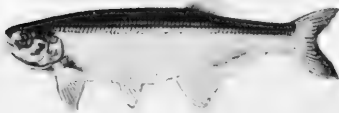
LAKE TROUT  
RANGE - GREAT LAKES  
GEAR - GILL NETS, LINES, POUND NETS  
(TRAP NETS)



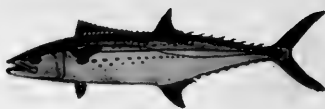
LAUNCE  
RANGE - NEW ENGLAND  
GEAR - HAUL SEINES



MACKEREL  
RANGE - CHESAPEAKE BAY TO GULF OF  
ST. LAWRENCE, CALIFORNIA  
GEAR - PURSE SEINES, GILL NETS,  
POUND NETS, FLOATING TRAPS,  
DIP NETS, LAMPARA NETS



MOONEYE  
RANGE - GREAT LAKES  
GEAR - HAUL SEINES



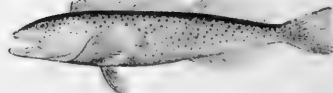
KING MACKEREL  
RANGE - TEXAS TO NEW YORK  
GEAR - TROLL LINES, GILL NETS,  
HAND LINES



KING WHITING  
RANGE - TEXAS TO MASSACHUSETTS  
GEAR - OTTER TRAWLS, HAUL SEINES,  
POUND NETS



LAMPREY  
RANGE - FRESH-WATER  
GEAR - POTS, FYKE NETS

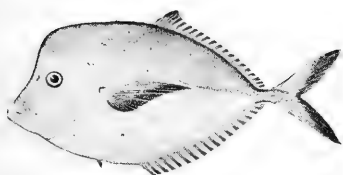


LINGCOD  
RANGE - CALIFORNIA TO ALASKA  
GEAR - OTTER TRAWLS, TRAWL LINES,  
SET LINES, HAND LINES

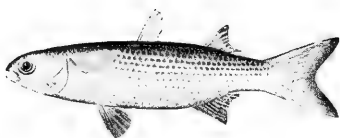


MENHADEN  
RANGE - GULF OF MEXICO TO NEW ENGLAND  
GEAR - PURSE SEINES, POUND NETS





MOONFISH  
 RANGE - FLORIDA  
 GEAR - HAND LINES, HAUL SEINES



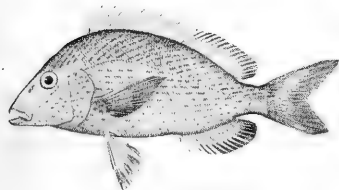
MULLET  
 RANGE - TEXAS TO NEW JERSEY  
 GEAR - GILL NETS, HAUL SEINES,  
 POUND NETS, CAST NETS



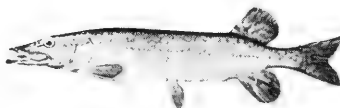
OCEAN POUT  
 RANGE - NEW ENGLAND  
 GEAR - OTTER TRAWLS



PADDFISH  
 RANGE - GULF OF MEXICO, MISSISSIPPI  
 RIVER  
 GEAR - HAUL SEINES, TROT LINES



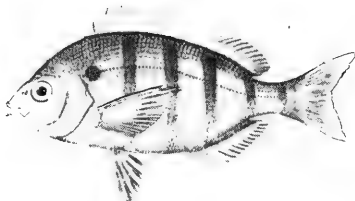
PIGFISH  
 RANGE - FLORIDA  
 GEAR - POTS, HAND LINES, GILL NETS



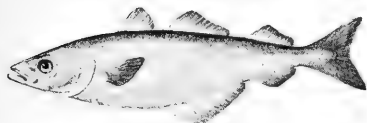
PIKE OR PICKEREL  
 RANGE - FRESH WATER  
 GEAR - TRAP NETS, FYKE NETS,  
 GILL NETS, POUND NETS,  
 HAND LINES



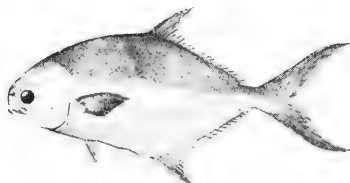
PILCHARD  
 RANGE - CALIFORNIA TO WASHINGTON  
 GEAR - PURSE SEINES, LAMPARA AND  
 RING NETS, GILL NETS



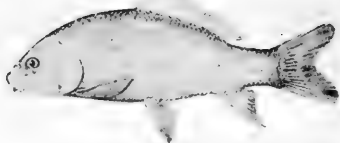
PINFISH  
 RANGE - FLORIDA TO NORTH CAROLINA  
 GEAR - HAUL SEINES, GILL NETS



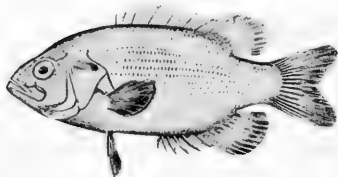
POLLOCK  
 RANGE - MIDDLE ATLANTIC AND NEW  
 ENGLAND STATES  
 GEAR - TRAWL LINES, FLOATING TRAPS,  
 POUND NETS, OTTER TRAWLS,  
 GILL NETS



POMPANO  
 RANGE - TEXAS TO NORTH CAROLINA  
 GEAR - TRAMMEL NETS, HAUL SEINES,  
 GILL NETS, HAND LINES



QUILLBACK  
 RANGE - FRESH-WATER  
 GEAR - HAUL SEINES, TROT LINES, FYKES



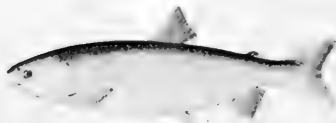
ROCK BASS  
 RANGE - GREAT LAKES  
 GEAR - TRAP NETS, FYKES,  
 HAUL SEINES, GILL NETS



ROSEFISH  
 RANGE - NEW ENGLAND  
 GEAR - OTTER TRAWLS



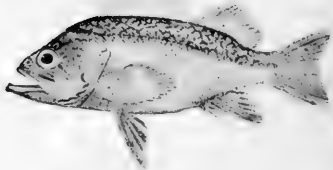
SABLEFISH  
 RANGE - PACIFIC COAST STATES AND  
 ALASKA  
 GEAR - TRAWL LINES, OTTER TRAWLS



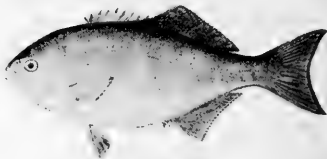
SALMON, CHUM OR KETA  
 RANGE - OREGON TO ALASKA  
 GEAR - POUND NETS, PURSE SEINES,  
 GILL NETS, HAUL SEINES



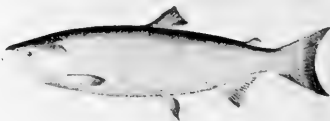
RATFISH  
 RANGE - WASHINGTON TO ALASKA  
 GEAR - BEAM TRAWLS, TRAWL LINES



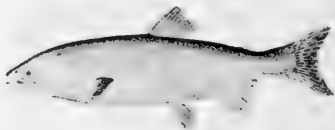
ROCKFISH  
 RANGE - CALIFORNIA TO ALASKA  
 GEAR - LINES, OTTER TRAWLS,  
 PARANZELLA NETS, GILL NETS



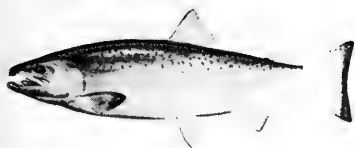
RUDDERFISH  
 RANGE - CALIFORNIA  
 GEAR - LAMPARA AND RING NETS



SALMON, RED OR SOCKEYE  
 RANGE - OREGON TO ALASKA  
 GEAR - GILL NETS, PURSE SEINES,  
 POUND NETS



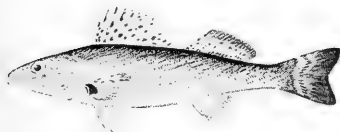
SALMON, PINK  
 RANGE - WASHINGTON TO ALASKA  
 GEAR - PURSE SEINES, POUND NETS,  
 GILL NETS



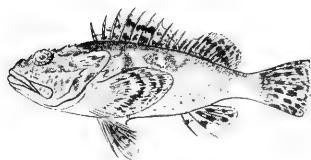
SALMON, SILVER OR COHO  
 RANGE - CALIFORNIA TO ALASKA  
 GEAR - HAUL SEINES, PURSE SEINES, GILL  
 NETS, TROLL LINES, POUND NETS.



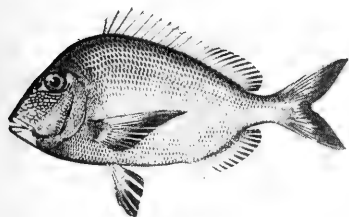
STEELHEAD TROUT  
 RANGE - OREGON TO ALASKA  
 GEAR - HAUL SEINES, POUND NETS,  
 GILL NETS, LINES, DIP NETS



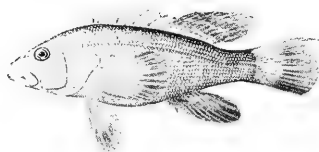
SAUGER  
 RANGE - GREAT LAKES  
 GEAR - GILL NETS, HAUL SEINES, TRAP  
 NETS, FYKE NETS



SCULPIN  
 RANGE - PACIFIC COAST STATES AND  
 ALASKA  
 GEAR - LINES, GILL NETS, POTS



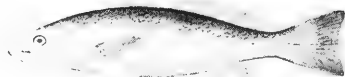
SCUP OR PORGY  
 RANGE - FLORIDA TO NEW ENGLAND  
 GEAR - OTTER TRAWLS, POUND NETS



SEA BASS  
 RANGE - FLORIDA TO NEW ENGLAND  
 GEAR - OTTER TRAWLS, HAND LINES, POTS



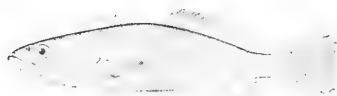
SEA CATFISH  
 RANGE - TEXAS TO CHESAPEAKE BAY  
 GEAR - OTTER TRAWLS, HAUL SEINES, HAND  
 LINES



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, HAND LINES



SEA TROUT OR WEAKFISH, WHITE  
 RANGE - GULF OF MEXICO  
 GEAR - GILL NETS, HAUL SEINES,  
 HAND LINES



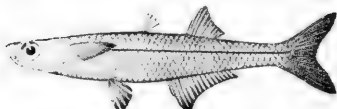
SEA ROBIN  
 RANGE - CHESAPEAKE BAY TO NEW ENGLAND  
 GEAR - POUND NETS, OTTER TRAWLS



SHARK  
 RANGE - ATLANTIC COAST, GULF,  
 PACIFIC COAST STATES  
 GEAR - TRAWL LINES, GILL NETS,  
 OTTER TRAWLS



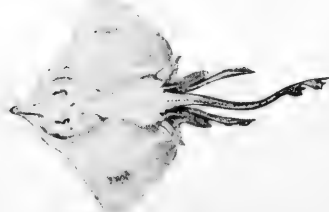
SHEEPSHEAD, CALIFORNIA  
 RANGE - CALIFORNIA  
 GEAR - SET LINES, TRAMMEL NETS



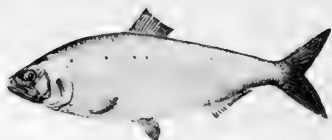
SILVERSIDES  
 RANGE - NEW YORK  
 GEAR - HAUL SEINES, OTHER TRAWLS



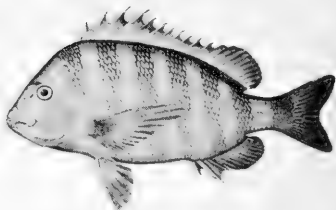
SKIPPER OR BILLFISH  
 RANGE - VIRGINIA TO NOVA SCOTIA  
 GEAR - POUND NETS, WEIRS



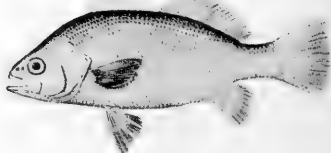
SKATE  
 RANGE - PACIFIC COAST, CHESAPEAKE  
 BAY TO NEW ENGLAND  
 GEAR - LINES, OTTER TRAWLS, POUND  
 NETS, HAUL SEINES



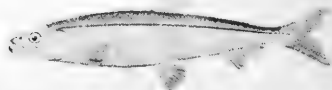
SHAD  
 RANGE - FLORIDA TO NEW ENGLAND  
 GEAR - GILL NETS, POUND NETS,  
 FYKE NETS, HAUL SEINES



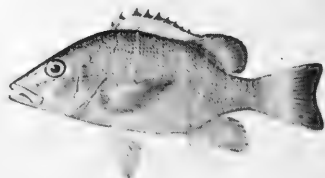
SHEEPSHEAD  
 RANGE - TEXAS TO CHESAPEAKE BAY  
 GEAR - HAND LINES, POTS



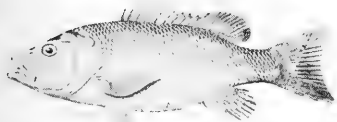
SILVER PERCH  
 RANGE - TEXAS TO NEW YORK  
 GEAR - HAUL SEINES, GILL NETS,  
 POUND NETS



SMELT  
 RANGE - NEW YORK TO MAINE,  
 PACIFIC OCEAN, GREAT LAKES  
 GEAR - POUND NETS, DIP NETS, GILL NETS,  
 HAUL SEINES



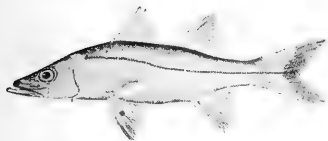
LANE SNAPPER  
 RANGE - FLORIDA  
 GEAR - HAND LINES



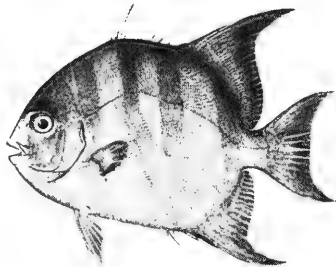
GRAY SNAPPER  
RANGE - FLORIDA  
GEAR - HAND LINES, GILL NETS



RED SNAPPER  
RANGE - TEXAS TO FLORIDA  
GEAR - HAND LINES



SNOOK  
RANGE - TEXAS TO FLORIDA  
GEAR - GILL NETS, HAND LINES,  
HAUL SEINES



SPADEFISH  
RANGE - FLORIDA  
GEAR - GILL NETS, TRAMMEL NETS



SPANISH MACKEREL  
RANGE - TEXAS TO VIRGINIA  
GEAR - GILL NETS, LINES, HAUL  
SEINES



SQUAWFISH  
RANGE - CALIFORNIA  
GEAR - FYKE NETS, GILL NETS



SPOT  
RANGE - GULF OF MEXICO TO MIDDLE  
ATLANTIC STATES  
GEAR - HAUL SEINES, GILL NETS,  
POUND NETS, OTTER TRAWLS



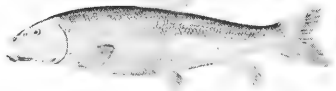
STRIPED BASS  
RANGE - NORTH CAROLINA TO NEW  
ENGLAND, CALIFORNIA TO  
OREGON  
GEAR - HAUL SEINES, GILL NETS, POUND  
NETS, HAND LINES, FYKE NETS



STURGEON  
RANGE - COASTAL AND RIVER AREAS  
GEAR - GILL NETS, LINES

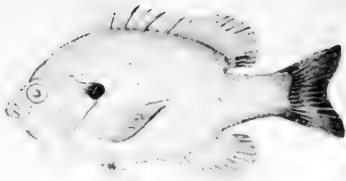


STURGEON, SHOVELNOSE  
RANGE - FRESH-WATER  
GEAR - HAUL SEINES, LINES, POUND NETS



SUCKER  
RANGE - FRESH-WATER  
GEAR - POUND NETS, FYKE NETS, GILL  
NETS, HAUL SEINES, TRAP NETS

## PICTORIAL SECTION



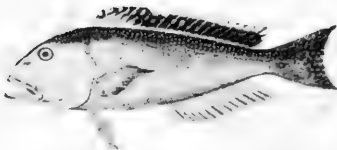
SUNFISH  
 RANGE - FRESH-WATER  
 GEAR - POTS, SEINES, TRAP NETS



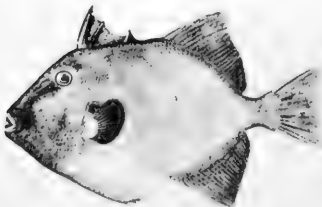
SWORDFISH  
 RANGE - NEW ENGLAND AND CALIFORNIA  
 GEAR - HARPOONS



TENPOUNDER  
 RANGE - FLORIDA  
 GEAR - HAUL SEINES



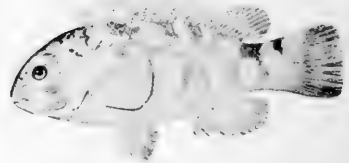
TILEFISH  
 RANGE - MIDDLE ATLANTIC AND NEW  
 ENGLAND STATES  
 GEAR - TRAWL LINES



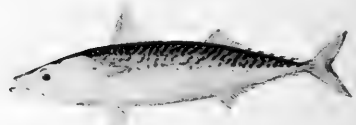
TRIGGERFISH  
 RANGE - FLORIDA  
 GEAR - HAND LINES



SWELLFISH  
 RANGE - CHESAPEAKE BAY TO MIDDLE  
 ATLANTIC  
 GEAR - POUND NETS, HAUL SEINES,  
 OTTER TRAWLS



TAUTOG  
 RANGE - CHESAPEAKE BAY TO NEW  
 ENGLAND  
 GEAR - POUND NETS, HAND LINES, POTS



THIMBLE-EYED MACKEREL  
 RANGE - CHESAPEAKE BAY TO NEW ENGLAND  
 GEAR - POUND NETS, PURSE SEINES,  
 OTTER TRAWLS



TOMCOD  
 RANGE - PACIFIC COAST, MIDDLE  
 ATLANTIC AND NEW ENGLAND  
 STATES  
 GEAR - OTTER TRAWLS, DIP NETS



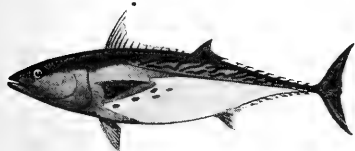
TRIPLETAIL  
 RANGE - FLORIDA  
 GEAR - HAUL SEINES, GILL NETS, LINES



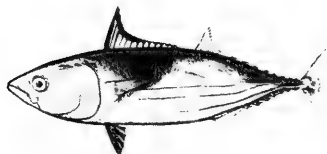
TUNA, ALBACORE  
RANGE - PACIFIC COAST  
GEAR - LINES



TUNA, BLUEFIN  
RANGE - CALIFORNIA, NEW JERSEY TO  
MAINE  
GEAR - PURSE SEINES, LAMPARA NETS  
TROLL LINES, POUND NETS,  
HARPOONS



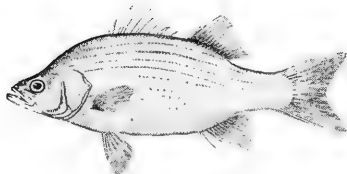
TUNA, LITTLE  
RANGE - MASSACHUSETTS TO TEXAS  
GEAR - POUND NETS, TROLL LINES  
OTTER TRAWLS



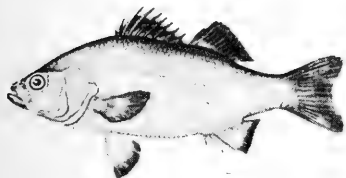
TUNA, SKIPJACK  
RANGE - CALIFORNIA  
GEAR - LINES, PURSE SEINES



WHITEFISH, MEMOINEE  
RANGE - ALASKA, UPPER GREAT  
LAKES. TO NEW ENGLAND,  
IN LAKES  
GEAR - GILL NETS, HAUL SEINES,  
TRAP NETS, POUND NETS



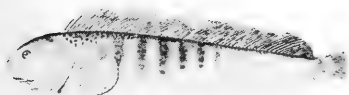
WHITE BASS  
RANGE - GREAT LAKES  
GEAR - TRAP NETS, FYKES,  
HAUL SEINES, POUND NETS



WHITE PERCH  
RANGE - NORTH CAROLINA TO MAINE  
GEAR - POUND NETS, FYKE NETS, HAUL  
SEINES



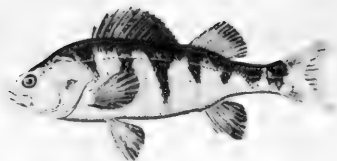
WHITEFISH, COMMON  
RANGE - GREAT LAKES  
GEAR - GILL NETS, POUND NETS, TRAP  
NETS



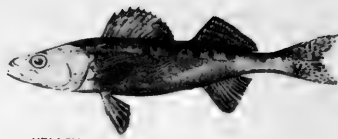
WOLFFISH  
RANGE - MASSACHUSETTS AND MAINE  
GEAR - OTTER TRAWLS, LINES TRAWLS



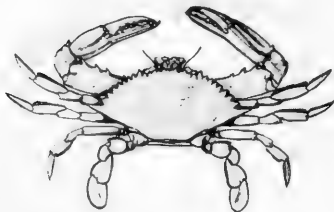
WHITING  
RANGE - VIRGINIA TO MAINE  
GEAR - OTTER TRAWLS, POUND NETS



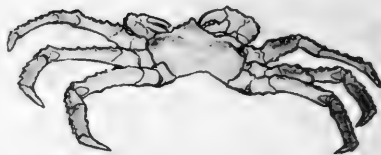
YELLOW PERCH  
 RANGE - GREAT LAKES, OTHER LAKES  
 GEAR - GILL NETS, TRAP NETS, POUND  
 NETS, FYKE NETS



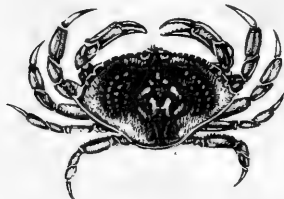
YELLOW PIKE  
 RANGE - GREAT LAKES  
 GEAR - POUND NETS, FYKE NETS, GILL  
 NETS, TRAP NETS



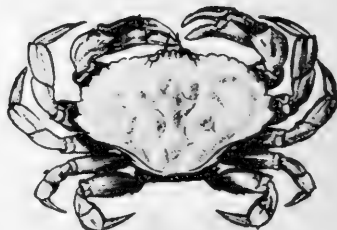
BLUE CRAB  
 RANGE - TEXAS TO RHODE ISLAND  
 GEAR - TROT LINES, POTS, FYKE NETS,  
 DIP NETS, SCRAPES, DREDGES



KING CRAB  
 RANGE - ALASKA  
 GEAR - TANGLE NETS, OTTER TRAWLS



DUNGENESS CRAB  
 RANGE - PACIFIC COAST STATES AND  
 ALASKA  
 GEAR - TRAPS



ROCK CRAB  
 RANGE - NEW ENGLAND  
 GEAR - POTS

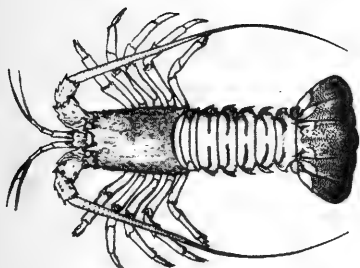


STONE CRAB  
 RANGE - FLORIDA  
 GEAR - DIP NETS, CRAB POTS

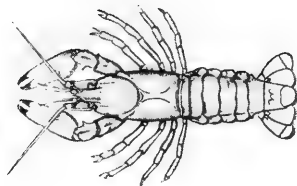


HORSESHOE CRAB  
 RANGE - MARYLAND TO NEW YORK  
 GEAR - POUND NETS, WEIRS, BY HAND

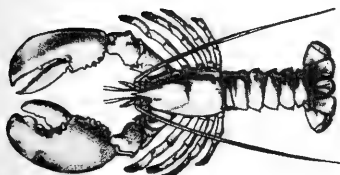




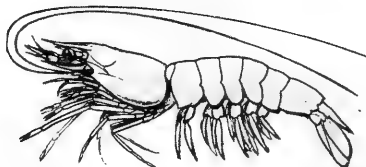
SEA CRAWFISH OR SPINY LOBSTER  
 RANGE - CALIFORNIA AND FLORIDA  
 GEAR - DIP NETS, POTS, HOOKS



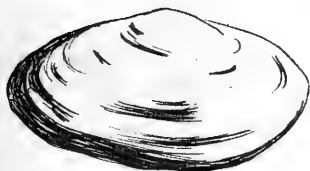
FRESH-WATER CRAWFISH  
 RANGE - RIVERS AND LAKES  
 GEAR - CRAWFISH (POTS)



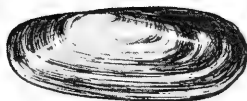
LOBSTER  
 RANGE - VIRGINIA TO MAINE  
 GEAR - POTS



SHRIMP  
 RANGE - TEXAS TO NORTH CAROLINA,  
 MAINE, CALIFORNIA,  
 WASHINGTON, AND ALASKA  
 GEAR - SHRIMP TRAWLS



SOFT CLAM  
 RANGE - MIDDLE ATLANTIC TO  
 NEW ENGLAND, PACIFIC  
 COAST STATES  
 GEAR - FORKS, HOES, RAKES



RAZOR CLAM, PACIFIC  
 RANGE - OREGON, WASHINGTON AND  
 ALASKA  
 GEAR - SHOVELS



HARD CLAM  
 RANGE - FLORIDA TO MAINE  
 GEAR - HOES, DREDGES, TONGS, RAKES  
 HAND



LIMPET  
 RANGE - NEW YORK AND NEW ENGLAND  
 GEAR - DREDGES



LITTLE-NECK CLAM  
 RANGE - PACIFIC COAST  
 GEAR - SHOVELS

## PICTORIAL SECTION



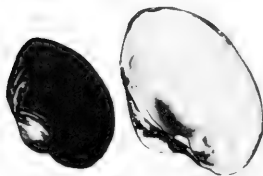
CONCH  
 RANGE - FLORIDA TO MAINE  
 GEAR - SPONGE HOOKS, OTTER TRAWLS,  
 DREDGES, POTS



BUTTER CLAM  
 RANGE - PACIFIC COAST  
 GEAR - SHOVELS



TREPANG  
 RANGE - WASHINGTON  
 GEAR - BEAM TRAWLS



FRESH-WATER MUSSEL  
 RANGE - FRESH-WATER STREAMS  
 GEAR - CROWFOOT BARS, PICKS, HAND-



OCEAN MUSSEL  
 RANGE - NORTH CAROLINA TO MAINE  
 GEAR - DREDGES, TONGS, RAKES, HAND



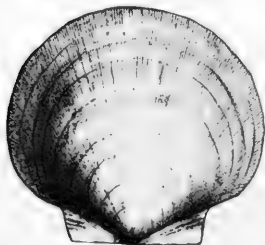
OYSTER  
 RANGE - TEXAS TO MASSACHUSETTS,  
 PACIFIC COAST STATES  
 GEAR - TONGS, DREDGES, RAKES, HAND



SQUID  
 RANGE - VIRGINIA TO MAINE,  
 CALIFORNIA AND  
 WASHINGTON  
 GEAR - LAMPARA NETS, GILL NETS  
 OTTER TRAWLS, POUND NETS



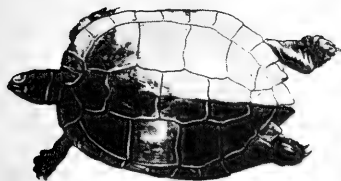
BAY SCALLOP  
 RANGE - FLORIDA TO MASSACHUSETTS,  
 WASHINGTON  
 GEAR - DREDGES, SCRAPES, PUSH NETS,  
 TONGS, RAKES



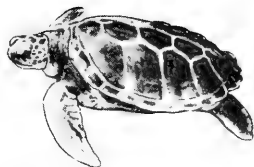
SEA SCALLOP  
 RANGE - NEW JERSEY TO MAINE  
 GEAR - DREDGES



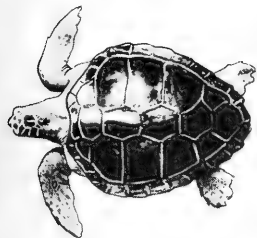
STARFISH  
 RANGE - ATLANTIC AND PACIFIC COASTS  
 GEAR - HOOKS, SCRAPES, "MOPS"



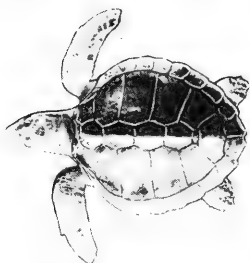
TERRAPIN  
 RANGE - TEXAS TO NEW JERSEY  
 GEAR - HAUL SEINES, HAND



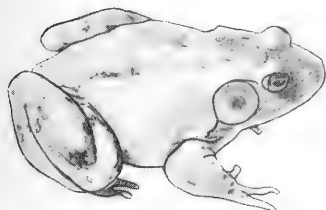
GREEN TURTLE  
 RANGE - FLORIDA  
 GEAR - GILL NETS, TANGLE NETS



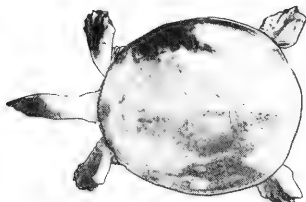
LOGGERHEAD TURTLE  
 RANGE - FLORIDA TO NEW JERSEY  
 GEAR - GILL NETS



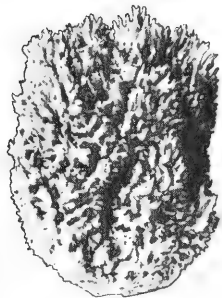
HAWKSBILL TURTLE  
 RANGE - GULF OF MEXICO AND ATLANTIC  
 COAST TO NEW YORK  
 GEAR - HAND, TANGLE NETS, POUND NETS



FROG  
 RANGE - FRESH-WATER, MARSHES, PONDS  
 GEAR - SPEARS, GRABS



SOFT-SHELL TURTLE  
 RANGE - LAKES AND RIVERS  
 GEAR - HAUL SEINES, FYKE NETS,  
 POTS



SPONGE  
 RANGE - FLORIDA TO WEST INDIES  
 GEAR - HOOKS, DIVING OUTFITS



IRISH MOSS  
 RANGE - NEW ENGLAND  
 GEAR - RAKES

# STATISTICAL PUBLICATIONS SECTION 16.-

## CURRENT FISHERIES STATISTICS

The following list of publications includes all reports issued in the Current Fishery Statistics series during 1948.

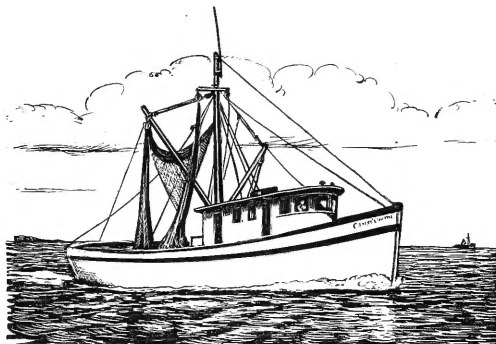
<u>C.F.S. No.</u>	<u>Title</u>
383	Fish Meal and Oil, November, 1947
384	Frozen Fish Report, January, 1948
385	Pacific Coast Fisheries, 1945
386	Maine Landings, November, 1947
387	Massachusetts Landings, September, 1947
388	Packaged Fish, Annual, 1945
389	Packaged Fish, Annual, 1946
390	Fish Meal and Oil, December, 1947
391	Frozen Fish Report, Annual, 1947
392	Frozen Fish Report, February, 1948
393	Maine Landings, December, 1947
394	Fish Meal and Oil, January, 1948
395	Frozen Fish Report, March, 1948
396	Massachusetts Landings, October, 1947
397	Fish Meal and Oil, February, 1948
398	Maine Landings, January, 1948
399	Frozen Fish Report, April, 1948
400	Maine Landings, February, 1948
401	Alaska Fisheries, 1947
402	New England Landings, By Gear and Area, Annual, 1946
403	Massachusetts Landings, November, 1947
404	Frozen Fish Report, May, 1948
405	Fish Meal and Oil, March, 1948
406	Massachusetts Landings, December, 1947
407	Maine Landings, March, 1948
408	Fish Meal and Oil, April, 1948
409	Massachusetts Landings, January, 1948
410	Frozen Fish Report, June, 1948
411	Massachusetts Landings, By Ports, Annual, 1947
412	Maine Landings, April, 1948
413	Lake Fisheries, 1946
414	Fish Meal and Oil, May, 1948
415	Frozen Fish Report, July, 1948
416	Maine Landings, May, 1948
417	Chesapeake Fisheries, 1945
418	Fish Meal and Oil, June, 1948
419	Frozen Fish Report, August, 1948
420	Massachusetts Landings, February, 1948
421	Maine Landings, June, 1948
422	Middle Atlantic Fisheries, 1945
423	Frozen Fish Report, September, 1948
424	Fish Meal and Oil, July, 1948
425	Massachusetts Landings, March, 1948
426	New England Fisheries, 1945
427	Maine Landings, July, 1948
428	Frozen Fish Report, October, 1948
429	Fish Meal and Oil, August, 1948
430	Maine Landings, August, 1948
431	Massachusetts Landings, April, 1948
432	Massachusetts Landings, May, 1948
433	Fisheries of the United States and Alaska, 1945
434	Manufactured Fishery Products, 1945

(Continued on next page)

## STATISTICAL PUBLICATIONS

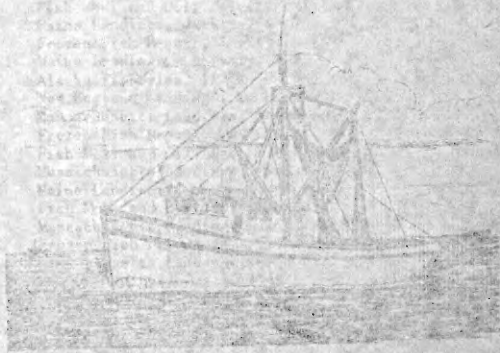
<u>C.F.S. No.</u>	<u>Title</u>
435	Frozen Fish Report, November, 1948
436	Fish Meal and Oil, September, 1948
437	Maine Landings, Annual, 1947
438	Alaska Fisheries, Annual, 1947
439	Packaged Fish, Annual, 1947
440	Massachusetts Landings, June, 1948
441	Maine Landings, September, 1948
442	Massachusetts Landings, July, 1948
443	Frozen Fish Report, December, 1948
444	Canned Fish and Byproducts, Annual, 1947
445	Fish Meal and Oil, October, 1948
446	Fish Meal and Oil, November, 1948

SOUTH ATLANTIC AND GULF SHRIMP TRAWLER



STATISTICAL SUMMARY

Year	Value
1945	440
1946	440
1947	440
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2024	440
2025	440





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