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# FISHERY STATISTICS OF THE UNITED STATES 1951



*STATISTICAL DIGEST No. 30*

FISH AND WILDLIFE SERVICE

United States Department of the Interior



UNITED STATES DEPARTMENT OF THE INTERIOR, DOUGLAS MCKAY, *Secretary*  
FISH AND WILDLIFE SERVICE, JOHN L. FARLEY, *Director*

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Statistical Digest 30  
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FISHERY STATISTICS  
OF THE UNITED STATES  
1951

BY

A. W. ANDERSON and C. E. PETERSON

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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 type 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 Industries, 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 Industries, 1941                   |
|     | 6  | Propagation and Distribution of Food Fishes, 1941              |
|     | 7  | Fishery Statistics of the United States, 1941                  |
|     | 8  | Alaska Fishery and Fur Seal Industries, 1942                   |
|     | 9  | Propagation and Distribution of Food Fishes, 1942              |
|     | 10 | Alaska Fishery and Fur Seal Industries, 1943                   |
|     | 11 | Fishery Statistics of the United States, 1942                  |
|     | 12 | Propagation and Distribution of Food Fishes, 1943              |
|     | 13 | Alaska Fishery and Fur Seal Industries, 1944                   |
|     | 14 | Fishery Statistics of the United States, 1943                  |
|     | 15 | Alaska Fishery and Fur Seal Industries, 1945                   |
|     | 16 | Fishery Statistics of the United States, 1944                  |
|     | 17 | Alaska Fishery and Fur Seal Industries, 1946                   |
|     | 18 | Fishery Statistics of the United States, 1945                  |
|     | 19 | Fishery Statistics of the United States, 1946                  |
|     | 20 | Alaska Fishery and Fur Seal Industries, 1947                   |
|     | 21 | Fishery Statistics of the United States, 1947                  |
|     | 22 | Fishery Statistics of the United States, 1948                  |
|     | 23 | Alaska Fishery and Fur Seal Industries, 1948                   |
|     | 24 | Propagation and Distribution of Food Fishes, 1944-1948         |
|     | 25 | Fishery Statistics of the United States, 1949                  |
|     | 26 | Alaska Fishery and Fur Seal Industries, 1949                   |
|     | 27 | Fishery Statistics of the United States, 1950                  |
|     | 28 | Propagation and Distribution of Food Fishes, 1949-1950         |
|     | 29 | Alaska Fishery and Fur Seal Industries, 1950                   |
|     | 30 | Fishery Statistics of the United States, 1951                  |

# FISHERY STATISTICS OF THE UNITED STATES - 1951

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Fish and Wildlife Service

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## INTRODUCTION

This report contains a review of the fishery statistics for the year 1951, collected by the Branch of Commercial Fisheries during 1952. These statistics 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 1951 data were conducted in all sections of the United States except in the Mississippi River States. This area was last canvassed in 1950. Statistics on the various fisheries of the United States and Alaska were collected by the following field agents: Billy Greer, Homer Haberland, Donald Hosterman, Dwight Hoy, Richard Marchant, David McKown, Herbert Munger, Frank Riley, Russell Soulen, Alfred Swanson, Carl Tendick, James Wharton, Raymond Wilson, and Francis Wood. The surveys in Washington and Oregon were supervised by Charles Beardon and those in California were under the direction of Victor Samson. The surveys in New England were under the direction of Charles Lyles. Catch data for the Great Lakes were assembled by the staff of Dr. James Moffett of the Branch of Fishery Biology; and those for the fisheries of Alaska were collected by the Branch of Alaska Fisheries of the Service.

Information on landings at Massachusetts ports was collected in cooperation with the Market News Section and the Branch of Fishery Biology. 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 1952, for 1951 data, were under the general direction of C. Eldred Peterson, Chief, Statistical Section, assisted by Bob Finley, Fishery Marketing Specialist. The survey material was assembled, tabulated, and prepared for publication by the staff of the Statistical Section under the direction of Bob Finley. He was assisted by Mary Donahue, Marion Davis, Elsie English, Evelyn Hecht, Delia Ridge, Melissa Tinkey, and Mary Willis. Operation of the tabulating unit was directed by Mabel Swart, assisted by Betha Ballard, Mary Biggs, and Marie Voigt. G. I. Sundstrom prepared most of the illustrations contained in this report.

In assembling the data on the fisheries, all appropriate records collected by the various State fishery agencies were used. In certain areas, information complete enough to be used by the statistical agents was available from state agencies, and in these states only partial surveys were conducted. Information on the means of collecting the data and an explanation of terms used may be found in Section 14 of this publication. 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 1951 were conducted in all areas of the United States and Alaska with the exception of the Mississippi River and its tributaries. Data on the operating units were also collected in each of the areas canvassed with the exception of the Lake States. All areas of the United States and Alaska were last canvassed for 1950, and detailed data published in "Fishery Statistics of the United States, 1950" (Statistical Digest No. 27). The catch and operating unit data for the Mississippi River and the operating unit information for the Great Lakes as shown in this publication are for 1950.

During 1951, the catch of fishery products in all sections of the United States and Alaska totaled approximately 4,414,045,000 pounds, valued at \$360,826,000 to the fishermen. This was a decrease of 10 percent in quantity compared with the 1950 production. The value of the 1951 catch was 5 percent above that of the previous year, but 2 percent less than the record high of 1948.

Outstanding developments during the year were the record landings of shrimp, menhaden, and ocean perch, and the marked increase in salmon production compared with the previous year. However, these increases did not offset the drop in landings during 1951 of such major fisheries as the California pilchard, Maine and Alaska herring, Pacific tuna, and Jack mackerel. The catch of menhaden off the Atlantic and Gulf States during 1951, broke all previous records with landings totaling 1.1 billion pounds, valued at almost 13 million dollars to the fishermen. The catch was far greater than that of any other species taken by United States and Alaska fishermen. The Atlantic Coast catch of ocean perch during 1951 totaled 258 million pounds -- an increase of 24 percent compared with the previous year. There were no major tieups during the year in the ocean perch industry as have frequently occurred in recent years. During 1951, the production of shrimp in the United States and Alaska amounted to over 224 million pounds valued at 52 million dollars to the fishermen. Compared with the previous year, the 1951 landings represented increases of 17 percent in quantity and 19 percent in value. The shrimp industry continued to expand throughout the Gulf during the year as the popularity of this item rose to an all-time high on the consumer market. The 1951 catch of salmon in the Pacific Coast States and Alaska increased almost 46 million pounds compared with the previous year. The increase was due mainly to good runs of pink salmon in both South-eastern Alaska and in Puget Sound. The Pacific Coast pilchard catch during 1951 amounted to nearly 329 million pounds, valued at over 7 million dollars to the fishermen. This was a decrease in quantity of 54 percent and in value of 40 percent compared with the landings of the previous year. The catch of Pacific mackerel on the Pacific Coast decreased from 133 million pounds in 1950 to less than 89 million pounds during 1951. The production of tuna and tunalike fishes on the Pacific Coast amounted to nearly 320 million pounds in 1951. This was a marked decrease compared with the previous year when a record high of over 390 million pounds was landed. Landings of tuna were very light during the latter part of 1951 as the fishing fleet was tied up much of the time because of a weak market for their product. The industry reported that a considerable portion of the domestic tuna market had been taken over by imported fish. The catch of sea herring during 1951 amounted to only 154 million pounds compared with nearly 364 million pounds landed during the previous year. Failures in both the Alaska and New England herring fisheries were responsible for this sharp decrease.

The per capita consumption of fishery products in the United States in 1951 totaled 11.5 pounds, edible weight, the same as in the previous year. The per capita consumption of all fish and shellfish during the ten-year period 1939-1948, varied between 8.2 and 11.8 pounds, and averaged 10.2 pounds per capita during that period. Consumption during the period from 1941 to 1945 averaged only 9 pounds despite normal catches in most of these years. Light consumption in these years resulted from the allocation of a large portion of production to the armed forces and to lend-lease distribution, and reduced imports. Per capita consumption of fishery products increased markedly in 1949 and has remained between 11.4 and 11.5 pounds (edible weight) since that time.

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.

# GENERAL REVIEW

## UNITED STATES AND ALASKA CATCH, 1940 - 1951

Year	Pounds	Value to the fishermen	Average price per pound
1940	4,059,524,000	\$98,957,000	2.44¢
1941	4,900,000,000	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	5.90
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
1949	4,796,000,000	339,000,000	7.06
1950	4,884,909,000	343,876,000	7.04
1951	4,414,045,000	360,826,000	8.17

A total of 780 vessels of 5 net tons and over received their first documents as fishing craft in 1951. This was 4 percent less than the number entering the fleet the previous year, but still considerably more than the number documented annually prior to 1943. In the five years ending with 1951, a total of 5,078 vessels received their first documents 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 not increased proportionately compared with the prewar production. This has been due largely to the low yields of salmon in Alaska and pilchards in California.

### VESSELS FIRST DOCUMENTED AS FISHING CRAFT, 1936 - 1951

Year	Number	Year	Number
1936	<u>1</u> 435	1944	635
1937	335	1945	741
1938	<u>1</u> 376	1946	1,085
1939	357	1947	1,300
1940	320	1948	1,184
1941	354	1949	1,002
1942	358	1950	811
1943	358	1951	780

1/ Data are partly estimated.

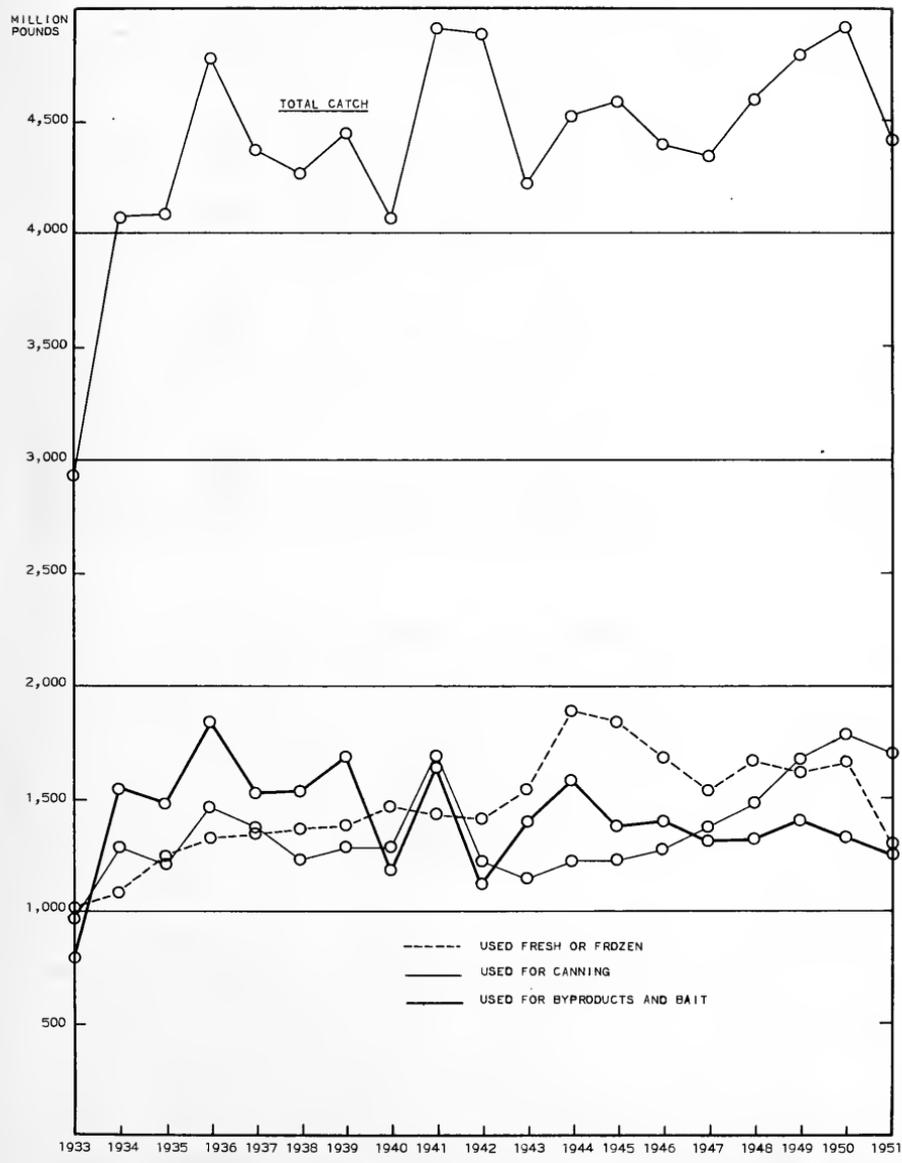
San Pedro, California, continued to be the nation's leading fishing port, with landings of 513 million pounds valued at nearly 31 million dollars to the fishermen. Gloucester, Massachusetts, was in second place, with 260 million pounds, followed by San Diego, California, with almost 174 million pounds. Boston, with 171 million pounds, valued at 14 million dollars occupied fourth place with respect to volume of landings, but placed third in value. San Diego was second in value of landings with the catch at this port having yielded nearly 26 million dollars while Gloucester was in fourth place with a catch valued at almost 13 million dollars.

It is estimated that the 1951 catch was marketed as follows: 1,715 million pounds (round weight basis) as fresh and frozen products; 1,326 million pounds for canning; 1,289 million for byproducts and bait; and 84 million pounds for the production of cured products.

The pack of canned fishery products in the United States and Alaska in 1951 amounted to over 801 million pounds, valued at slightly more than 301 million dollars to the packers. This was a decrease of 17 percent in volume and 9 percent in value compared with the 1950 production. These decreases resulted principally from smaller packs of tuna, California sardines (pilchards), and Maine sardines. The 1951 production of fishery byproducts in the United States and Alaska was valued at 69 million dollars -- 9 percent less than in the previous year.

During 1951, the production of frozen fish was the largest in history, amounting to 325.5 million pounds. Of this amount, 255.7 million pounds consisted of fish and 69.8 million pounds of shellfish. The average holdings of frozen fishery products were 136.6 million pounds, exceeding the previous years record average by 8.3 million pounds.

## DISPOSITION OF CATCH, 1933 - 1951



# UNITED STATES AND ALASKA SUMMARIES

## SUMMARY OF CATCH

(IN THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

PRODUCT	NEW ENGLAND, 1951 AREA XX11		MIDDLE ATLANTIC, 1951 AREA XX111		CHESAPEAKE, 1951 AREA XX111	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
FISH . . . . .	850,095	45,117	501,939	11,247	226,574	8,634
SHELLFISH, ETC. . . . .	66,712	22,315	53,453	18,185	104,016	16,477
TOTAL . . . . .	916,807	67,432	555,392	29,432	330,590	25,111

PRODUCT	SOUTH ATLANTIC, 1951 AREA XXIV		GULF, 1951 AREA XXV		PACIFIC, 1951	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
FISH . . . . .	252,372	7,648	428,829	14,892	1,018,016	90,513
SHELLFISH, ETC. . . . .	58,411	10,118	220,839	48,731	48,436	6,661
WHALE PRODUCTS. . . . .	-	-	-	-	684	60
TOTAL . . . . .	310,783	17,966	649,668	63,623	1,067,136	97,234

PRODUCT	LAKES, 1951		MISSISSIPPI RIVER AND TRIBUTARIES, 1950	
	QUANTITY	VALUE	QUANTITY	VALUE
FISH . . . . .	70,145	10,664	78,730	9,558
SHELLFISH, ETC. . . . .	1	(1)	27,066	546
TOTAL . . . . .	70,146	10,664	105,796	10,104

PRODUCT	ALASKA, 1951		TOTAL, VARIOUS YEARS	
	QUANTITY	VALUE	QUANTITY	VALUE
FISH . . . . .	396,143	38,023	3,822,843	236,496
SHELLFISH, ETC. . . . .	11,584	1,237	590,518	124,270
WHALE PRODUCTS. . . . .	-	-	684	60
TOTAL . . . . .	407,727	39,260	4,414,045	360,826

1/ LESS THAN 500 DOLLARS. NOTE:--ROMAN NUMERALS APPEARING UNDER THE NAMES OF THE SECTIONS ARE THE NUMBERS GIVEN THE AREAS BY THE NORTH AMERICAN COUNCIL ON FISHERY INVESTIGATIONS.

## SUMMARY OF OPERATING UNITS

ITEM	NEW ENGLAND, 1951	MIDDLE ATLANTIC, 1951	CHESAPEAKE, 1951	SOUTH ATLANTIC, 1951	GULF, 1951
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS . . . . .	6,100	4,074	1,970	3,471	8,719
ON BOATS AND SHORE . . . . .	17,539	9,308	15,663	10,032	13,158
TOTAL . . . . .	23,639	13,382	17,633	13,503	21,877
VESSELS:					
STEAM . . . . .	3	1	-	-	-
NET TONNAGE . . . . .	191	297	-	-	-
MOTOR . . . . .	878	623	330	1,120	2,431
NET TONNAGE . . . . .	29,503	16,374	5,278	14,512	43,554
SAIL . . . . .	-	1	104	3	-
NET TONNAGE . . . . .	-	33	1,142	39	-
TOTAL VESSELS . . . . .	891	625	434	1,123	2,431
TOTAL NET TONNAGE . . . . .	29,694	16,704	6,420	14,551	43,554
BOATS:					
MOTOR . . . . .	8,792	4,810	8,086	2,758	5,458
OTHER . . . . .	4,249	903	3,352	3,230	3,960
ACCESSORY BOATS . . . . .	148	168	60	273	221

(CONTINUED ON NEXT PAGE)

# GENERAL REVIEW

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## SUMMARY OF OPERATING UNITS - Continued

ITEM	NEW ENGLAND, 1951	MIDDLE ATLANTIC, 1951	CHESAPEAKE, 1951	SOUTH ATLANTIC, 1951	GULF, 1951
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
<b>APPARATUS:</b>					
PURSE SEINES AND LAMPARA NETS . . . . .	102	50	20	65	64
HAUL SEINES . . . . .	97	211	549	477	166
STOP SEINES . . . . .	144	-	-	-	-
GILL NETS . . . . .	219	703	2,085	2,622	1,590
TRAMMEL NETS . . . . .	-	-	-	28	891
HOOKS AND BAITS . . . . .	1,202,989	278,068	974,721	626,314	970,855
POUND NETS . . . . .	85	223	1,784	1,775	-
FLOATING TRAPS . . . . .	65	-	-	-	-
WEIRS . . . . .	213	41	-	-	-
STOP NETS . . . . .	15	2	3	-	-
FYKE NETS . . . . .	43	1,119	2,653	239	1,564
OTHER NETS 2/ . . . . .	1,140	48	1,308	465	5,113
OTTER TRAWLS . . . . .	977	313	54	1,966	5,001
BEAM TRAWLS . . . . .	1,486	1,231	-	-	-
EEL POTS . . . . .	507,927	4,885	21,603	440	-
LOBSTER POTS . . . . .	-	-	-	12,312	4,625
CRAB, CRAWFISH, AND FISH POTS, AND TRAPS . . . . .	2,171	31,562	88,888	17,965	10,860
BRUSH TRAPS . . . . .	-	-	-	-	96,500
HARPOONS AND SPEARS . . . . .	108	6	-	350	125
<b>DREDGES:</b>					
CLAM . . . . .	61	144	8	69	-
CRAB . . . . .	-	63	333	-	-
OYSTER . . . . .	79	393	925	426	329
SCALLOP . . . . .	4,403	160	-	-	185
OTHER . . . . .	-	-	2	-	-
SCRAPES . . . . .	-	-	733	-	-
<b>FORKS, GRABS, HOES, RAKES, SHOVELS, AND TONGS . . . . .</b>					
	6,799	8,009	7,797	1,129	1,495
<b>DIVING OUTFITS . . . . .</b>					
	-	-	-	-	3
<b>OTHER APPARATUS 3/ . . . . .</b>					
	820	-	480	268	287

ITEM	PACIFIC, 1951	LAKES, 1950	MISSISSIPPI RIVER AND TRIBUTARIES, 1950	ALASKA, 1951	TOTAL, VARIOUS YEARS EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
<b>FISHERMEN:</b>					
ON VESSELS . . . . .	15,613	1,988	-	1/14,097	54,574
ON BOATS AND SHORE . . . . .	13,079	2,853	19,197	(1)	100,829
TOTAL . . . . .	28,692	4,841	19,197	14,097	155,403
<b>VESSELS:</b>					
STEAM . . . . .	-	-	-	-	4
NET TONNAGE . . . . .	-	-	-	-	488
MOTOR . . . . .	3,308	661	-	2,046	11,130
NET TONNAGE . . . . .	85,467	7,864	-	27,048	221,472
SAIL . . . . .	-	-	-	-	108
NET TONNAGE . . . . .	-	-	-	-	1,214
TOTAL VESSELS . . . . .	3,308	661	-	2,046	11,242
TOTAL NET TONNAGE . . . . .	85,467	7,864	-	27,048	223,174
<b>BOATS:</b>					
MOTOR . . . . .	5,827	1,437	5,634	2,947	45,749
OTHER . . . . .	556	373	12,086	1,736	30,445
ACCESSORY BOATS . . . . .	1,061	191	310	-	2,355
<b>APPARATUS:</b>					
PURSE SEINES AND LAMPARA NETS . . . . .	1,058	-	-	898	2,234
HAUL SEINES . . . . .	121	337	1,817	226	4,001
STOP SEINES . . . . .	-	-	-	-	144
GILL NETS . . . . .	3,778	117,507	3,714	6,441	139,658
TRAMMEL NETS . . . . .	45	-	1,200	-	2,164
HOOKS AND BAITS . . . . .	989,789	579,515	4,569,117	1,049,589	11,231,357
POUND NETS . . . . .	2	1,103	48	386	5,406
TRAP NETS . . . . .	-	7,339	-	-	7,339
FLOATING TRAPS . . . . .	-	-	-	-	65
WEIRS . . . . .	1	-	-	-	255
STOP NETS . . . . .	-	-	-	-	20
FYKE NETS . . . . .	1,720	1,012	82,300	-	90,650
OTHER NETS 2/ . . . . .	1,525	792	345	21	10,757

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

## GENERAL REVIEW

## SUMMARY OF OPERATING UNITS - Continued

ITEM	PACIFIC, 1951	LAKES, 1950	MISSISSIPPI RIVER AND TRIBUTARIES, 1950	ALASKA, 1951	TOTAL, VARIOUS YEARS EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
APPARATUS-CONTINUED					
OTTER TRAWLS . . . . .	304	-	-	4	8,411
BEAM TRAWLS . . . . .	23	-	-	17	60
EEL POTS . . . . .	-	-	-	-	24,760
LOBSTER POTS . . . . .	4,395	-	-	-	534,144
CRAB, CRAWFISH, AND FISH POTS, AND TRAPS . . . . .	64,851	-	17,155	8,375	241,827
BRUSH TRAPS . . . . .	-	-	-	-	96,500
HARPOONS AND SPEARS . . . .	88	-	70	-	747
DREDGES:					
CLAM . . . . .	-	-	-	-	281
CRAB . . . . .	-	-	-	-	396
OYSTER . . . . .	73	-	-	-	2,215
SCALLOP . . . . .	-	-	-	-	4,719
OTHER . . . . .	-	-	-	-	2
SCRAPES . . . . .	-	-	-	-	733
CROWFOOT BARS . . . . .	-	-	2,070	-	2,070
FORKS, GRABS, HOES, RAKES, SHOVELS, AND TONGS . . . . .	3,013	-	1,145	-	29,387
DIVING OUTFITS . . . . .	65	-	26	-	94
OTHER APPARATUS <sup>3/</sup> . . . . .	610	-	-	-	2,465

<sup>1/</sup> IN ALASKA, THE PERSONS IN THE BOAT AND SHORE FISHERIES ARE INCLUDED WITH THOSE IN THE VESSEL FISHERIES.  
<sup>2/</sup> INCLUDES BAG, BRAIL OR SCOOP, CAST, CHANNEL, DIP, DROP, LIFT, REEF, AND TANGLE NETS.  
<sup>3/</sup> INCLUDES PERIWINKLE AND COCKLE AND TURTLE POTS, OCTOPUS AND SHRIMP TRAPS, BOX AND SLAT TRAPS, AND SPONGE AND OTHER HOOKS.

NOTE:—PRIOR TO 1951, OPERATING UNITS WERE CREDITED ONLY TO THE SECTION IN WHICH THEY LANDED THE MAJOR PORTION OF THEIR CATCH. BEGINNING IN 1951, EACH OPERATING UNIT IS CREDITED TO EACH SECTION IN WHICH FISHING WAS CONDUCTED AND A TOTAL EXCLUSIVE OF DUPLICATION IS LISTED FOR THE UNITED STATES AND ALASKA.

## UNITED STATES AND ALASKA - CATCH BY REGION

(IN THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	NEW ENGLAND, 1951		MIDDLE ATLANTIC, 1951		CHESAPEAKE, 1951	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
FISH						
ALEWIVES . . . . .	5,152	43	119	3	39,356	580
AMBERJACK . . . . .	1	(1)	(1)	(1)	-	-
ANCHOVIES . . . . .	3	(1)	-	-	-	-
ANGLERFISH . . . . .	32	1	130	5	-	40
BLUEFISH . . . . .	120	25	1,296	293	264	3
BOWFIN . . . . .	-	-	-	-	3	(1)
BUTTERFISH . . . . .	4,137	-	5,679	400	784	58
CABIO OR CRAB EATER . . . . .	-	-	-	-	11	2
CARP . . . . .	53	5	77	6	1,086	59
CATFISH AND BULLHEADS . . . .	-	-	106	10	1,747	125
COD . . . . .	47,479	3,318	2,541	317	3	(1)
CRAPPIE . . . . .	-	-	-	-	1	(1)
CREVALLE . . . . .	(1)	(1)	-	-	-	-
CROAKER . . . . .	-	-	55	5	6,074	921
CUNNER . . . . .	17	(1)	-	-	-	-
CUSK . . . . .	3,922	182	-	(1)	-	-
DOLPHIN . . . . .	(1)	(1)	-	-	-	-
DRUM:						
BLACK . . . . .	-	-	3	(1)	73	4
RED OR REDFISH . . . . .	-	-	(1)	(1)	80	6
EELS:						
COMMON . . . . .	124	21	413	75	1,240	140
CONGER . . . . .	58	2	46	2	12	(1)
FLOUNDERS . . . . .	60,550	7,811	7,460	1,259	2,333	392
FRIGATE MACKEREL . . . . .	1	(1)	-	(1)	-	-
GIZZARD SHAD . . . . .	-	-	-	-	310	-
GRAYFISH . . . . .	39	1	64	3	-	7
GRUNTS . . . . .	-	-	3	(1)	-	-
HADDOCK . . . . .	153,291	11,887	812	81	-	-

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

# GENERAL REVIEW

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

(IN THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	NEW ENGLAND, 1951		MIDDLE ATLANTIC, 1951		CHESAPEAKE, 1951	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
<b>FISH - CONTINUED</b>						
HAKE:						
RED . . . . .	4,561	83	604	24	-	-
WHITE . . . . .	12,008	549	193	15	38	2
HALIBUT . . . . .	432	98	-	(1)	-	-
HARVEST FISH OR "STARFISH" . . . . .	-	-	-	-	297	24
HERRING, SEA . . . . .	64,913	975	2,215	29	84	2
HICKORY SHAD . . . . .	-	-	(1)	(1)	185	9
HOGCHOKER . . . . .	-	-	-	-	11	(1)
HOGFISH . . . . .	-	-	(1)	(1)	-	-
KING MACKEREL . . . . .	-	-	17	1	-	-
KING WHITING OR "KINGFISH" . . . . .	1	(1)	84	9	107	8
LAUNCE . . . . .	42	1	-	-	-	-
MACKEREL . . . . .	9,935	831	869	112	4,939	544
MENHADEN . . . . .	11,761	162	441,624	4,988	127,425	1,115
MINNOWS . . . . .	99	7	-	-	-	-
MULLET . . . . .	2	(1)	31	1	153	12
OCEAN PERCH, ATLANTIC . . . . .	258,320	12,597	-	-	-	-
OCEAN POUT . . . . .	139	2	-	-	-	-
PIGFISH . . . . .	-	-	-	-	33	2
PIKE OR PICKEREL . . . . .	-	-	-	-	14	2
PILOTFISH . . . . .	(1)	(1)	2	(1)	-	-
POLLOCK . . . . .	22,710	1,001	7	1	-	-
SALMON, ATLANTIC . . . . .	2	1	-	-	-	-
TOTAL SALMON . . . . .	2	1	-	-	-	-
SAND PERCH . . . . .	-	-	-	-	14	1
SCUP OR PORGY . . . . .	6,928	566	18,419	1,424	11,095	986
SEA BASS, BLACK (ATLANTIC) . . . . .	890	91	8,450	1,059	9,092	929
SEA ROBIN . . . . .	317	4	11	(1)	103	3
SEA TROUT OR WEAKFISH:						
GRAY . . . . .	3	(1)	2,783	283	2,212	349
SPOTTED . . . . .	-	-	-	-	67	16
SHAD . . . . .	492	68	1,254	253	4,849	845
SHARKS . . . . .	90	6	30	2	479	14
SILVERSIDES . . . . .	(1)	(1)	-	-	-	(1)
SKATES . . . . .	313	6	76	3	18	(1)
SMELT . . . . .	103	27	-	-	-	-
SPANISH MACKEREL . . . . .	-	-	-	-	7	1
SPOT . . . . .	10	(1)	145	7	5,159	367
STRIPED BASS . . . . .	265	57	981	245	4,140	862
STURGEDON, COMMON . . . . .	11	2	12	3	17	4
SUCKERS . . . . .	24	2	6	1	19	1
SUNFISH . . . . .	-	-	1	(1)	3	(1)
SWELLFISH . . . . .	41	2	866	55	667	21
SWORDFISH . . . . .	200	97	2	1	-	-
TAUTOG . . . . .	(1)	(1)	6	2	29	2
THIMBLE-EYED MACKEREL . . . . .	(1)	(1)	18	1	-	-
TILEFISH . . . . .	1,715	145	544	46	16	1
TUNA AND TUNALIKE FISHES:						
BLUEFIN . . . . .	1,739	129	21	2	-	-
BONITO . . . . .	1	(1)	13	2	27	3
LITTLE . . . . .	-	-	358	7	12	1
TOTAL TUNA AND TUNALIKE FISHES . . . . .	1,740	129	392	11	39	4
WHITEBAIT . . . . .	15	(1)	-	-	-	-
WHITE PERCH . . . . .	1	3	219	35	1,651	148
WHITING . . . . .	118,466	2,804	1,581	98	29	1
WOLFFISH . . . . .	1,985	110	4	(1)	-	-
YELLOW PERCH . . . . .	1	(1)	2	(1)	171	25
UNCLASSIFIED . . . . .	56,451	1,048	1,450	79	15	(1)
TOTAL . . . . .	850,095	45,117	501,939	11,247	226,574	8,634
SHELLFISH, ETC.						
CRABS:						
BLUE:						
HARD . . . . .	2	1	5,698	473	64,757	2,370
SOFT AND PEELERS . . . . .	(1)	(1)	17	5	6,020	1,132
ROCK . . . . .	2,329	127	-	-	-	-
TOTAL CRABS . . . . .	2,331	128	5,715	478	70,777	3,502
HORSESHOE CRAB . . . . .	-	-	616	4	-	-
LOBSTERS, NORTHERN . . . . .	25,534	9,221	409	157	3	1

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

## GENERAL REVIEW

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

(IN THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	NEW ENGLAND, 1951		MIDDLE ATLANTIC, 1951		CHESAPEAKE, 1951	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
SHELLFISH, ETC.-CONTINUED						
SHRIMP. . . . .	58	10	86	47	-	-
CLAMS:						
HARD. . . . .	5,845	1,996	12,357	4,492	1,483	734
OCEAN QUAHOG. . . . .	201	14	-	-	-	-
RAZOR. . . . .	46	6	-	-	-	-
SOFT. . . . .	6,992	1,986	415	164	1,614	180
SURF. . . . .	26	7	10,465	1,043	-	-
TOTAL CLAMS. . . . .	13,110	4,009	23,237	5,699	3,097	914
CONCHS. . . . .	156	17	83	15	154	7
MUSSELS, SEA. . . . .	684	46	38	8	-	-
OYSTERS, MARKET, EASTERN:						
PUBLIC. . . . .	159	82	110	56	13,539	5,812
PRIVATE. . . . .	1,811	934	17,300	9,653	16,059	6,157
TOTAL OYSTERS. . . . .	1,970	1,016	17,410	9,709	29,598	11,969
PERIWINKLES AND COCKLES. . . . .	4	1	-	-	-	-
SCALLOPS:						
BAY. . . . .	1,253	959	101	121	-	-
SEA. . . . .	14,444	6,471	4,259	1,825	43	28
SQUID. . . . .	4,019	147	1,491	122	85	7
SEA URCHINS. . . . .	55	1	-	-	-	-
TERRAPIN, DIAMOND-BACK. . . . .	-	-	-	-	157	39
TURTLES:						
LOGGERHEAD. . . . .	-	-	-	-	1	(1)
SNAPPER. . . . .	-	-	8	(1)	101	10
TOTAL TURTLES. . . . .	-	-	8	(1)	102	10
IRISH MOSS. . . . .	2,730	40	-	-	-	-
BLOODWORMS. . . . .	216	158	-	-	-	-
SANDWORMS. . . . .	148	91	-	-	-	-
TOTAL. . . . .	66,712	22,315	53,453	18,185	104,016	16,477
GRAND TOTAL. . . . .	916,807	67,432	555,392	29,432	330,590	25,111

SPECIES	SOUTH ATLANTIC, 1951		GULF, 1951		PACIFIC, 1951	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
FISH						
ALEWIVES. . . . .	13,048	140	22	1	-	-
AMBERJACK. . . . .	26	1	25	-	-	-
ANCHOVIES. . . . .	-	-	-	-	6,955	144
ANGEL FISH. . . . .	11	(1)	3	(1)	-	-
BARRACUDA. . . . .	55	3	21	1	2,107	357
BLUEFISH. . . . .	2,369	321	620	81	-	-
BLUE RUNNER OR HARDTAIL. . . . .	164	9	818	40	-	-
BOWFIN. . . . .	14	(1)	-	-	-	-
BUFFALO FISH. . . . .	-	-	777	86	-	-
BUTTER FISH. . . . .	28	2	1	(1)	-	-
CABEZONE. . . . .	-	-	-	-	24	1
CABIO OR CRAB EATER. . . . .	18	2	33	3	-	-
CABRILLA. . . . .	-	-	-	-	392	59
CARP. . . . .	1,297	38	16	1	932	41
CATFISH AND BULLHEADS. . . . .	1,696	251	7,553	812	238	51
CERO. . . . .	4	(1)	(1)	(1)	-	-
CIGAR FISH. . . . .	(1)	(1)	62	3	-	-
COD. . . . .	-	-	-	-	9,568	516
CREVALLE. . . . .	217	7	513	15	-	-
CROAKER. . . . .	2,245	125	121	9	-	-
DOLPHIN. . . . .	26	3	1	(1)	-	-
DRUM:						
BLACK. . . . .	256	12	992	125	-	-
RED OR REDFISH. . . . .	458	75	1,615	253	-	-
EELS, COMMON. . . . .	48	4	1	(1)	-	-
FLOUNDERS. . . . .	1,665	290	390	83	46,014	3,417
FLYING FISH. . . . .	-	-	-	-	53	4
GARFISH. . . . .	-	-	203	10	-	-
GOAT FISH. . . . .	145	15	(1)	(1)	-	-

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

# GENERAL REVIEW

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

(IN THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	SOUTH ATLANTIC, 1951		GULF, 1951		PACIFIC, 1951	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
FISH-CONTINUED						
GRAYFISH . . . . .	-	-	-	-	2/2,604	2/68
GROUPERS . . . . .	1,302	143	5,862	592	584	117
GRUNTS . . . . .	113	9	133	12	-	-
HAKE, PACIFIC . . . . .	-	-	-	-	43	1
HALIBUT . . . . .	-	-	-	-	15,578	2,671
HARVESTFISH OR "STARFISH" . . . . .	556	35	-	-	-	-
HERRING, SEA . . . . .	-	-	-	-	5,484	97
HICKORY SHAD . . . . .	273	19	-	-	-	-
HOGFISH . . . . .	28	3	13	2	-	-
JACK HACKEREL . . . . .	-	-	-	-	89,838	2,016
JEWFISH . . . . .	54	3	140	10	-	-
KINGFISH (CALIFORNIA) . . . . .	-	-	-	-	682	45
KING HACKEREL . . . . .	1,973	296	1,151	172	-	-
KING WHITING OR "KINGFISH" . . . . .	2,764	257	799	64	-	-
LAMPREY . . . . .	-	-	-	-	207	5
LINGCOD . . . . .	-	-	-	-	6,666	592
MACKEREL . . . . .	5	(1)	-	-	33,518	932
MENHADEN . . . . .	188,090	1,846	357,965	4,872	-	-
MULLET . . . . .	13,859	1,445	25,010	2,497	108	7
MUTTONFISH . . . . .	105	18	43	7	-	-
OCEAN PERCH, PACIFIC . . . . .	-	-	-	-	1,856	93
PADDLEFISH OR SPOONBILL CAT PERCH . . . . .	-	-	23	4	520	61
PERMIT . . . . .	19	1	23	2	-	-
PIGFISH . . . . .	318	12	29	1	-	-
PIKE OR PICKEREL . . . . .	2	(1)	-	-	-	-
PILCHARD . . . . .	-	-	-	-	328,894	7,248
PINFISH . . . . .	859	17	164	8	-	-
POMPANO . . . . .	501	(248)	483	(241)	64	22
PORKFISH . . . . .	2	(1)	3	-	-	-
RATFISH . . . . .	-	-	-	-	620	6
ROCK BASS . . . . .	-	-	-	-	289	46
ROCKFISHES . . . . .	-	-	-	-	25,337	1,409
SABLEFISH . . . . .	-	-	-	-	8,203	703
SALMON:						
CHINOOK OR KING . . . . .	-	-	-	-	27,410	7,452
CHUM OR KETA . . . . .	-	-	-	-	12,199	1,633
PINK . . . . .	-	-	-	-	33,978	5,097
RED OR SOCKEYE . . . . .	-	-	-	-	8,264	2,535
SILVER OR COHO . . . . .	-	-	-	-	15,784	3,423
TOTAL SALMON . . . . .	-	-	-	-	97,635	20,140
SAND PERCH . . . . .						
SAND PERCH . . . . .	(1)	(1)	-	-	-	-
SAWFISH . . . . .	-	-	11	1	-	-
SCULPIN . . . . .	-	-	-	-	101	18
SCUP OR PORGY . . . . .	163	9	84	9	-	-
SEA BASS:						
BLACK (ATLANTIC) . . . . .	279	36	-	-	-	-
BLACK (PACIFIC) . . . . .	-	-	-	-	278	46
WHITE . . . . .	93	5	-	-	1,533	364
SEA CATFISH . . . . .	-	-	1,071	59	-	-
SEA TROUT OR WEAKFISH:						
GRAY . . . . .	1,344	135	-	-	-	-
SPOTTED . . . . .	1,654	413	4,099	963	-	-
WHITE . . . . .	-	-	555	63	-	-
SHAD . . . . .	1,882	470	(1)	(1)	1,976	138
SHARKS . . . . .	15	1	11	1	965	94
SHEEPSHEAD:						
FRESH-WATER . . . . .	-	-	746	75	-	-
SALT-WATER . . . . .	102	10	204	21	61	6
SKATES . . . . .	-	-	-	-	875	10
SMELT . . . . .	-	-	-	-	3,175	357
SNAPPER:						
HANGROVE . . . . .	249	35	229	32	-	-
RED . . . . .	518	142	6,670	1,721	-	-
YELLOWTAIL . . . . .	228	48	210	44	-	-
SNOOK OR SERGEANTFISH . . . . .	192	25	508	66	-	-
SPADEFISH . . . . .	-	-	(1)	(1)	-	-
SPANISH HACKEREL . . . . .	2,183	230	6,511	688	20	2
SPOT . . . . .	7,542	445	216	17	-	-
SQUAMFISH . . . . .	-	-	-	-	1	(1)
STEELHEAD TROUT . . . . .	-	-	-	-	1,240	266
STRIPED BASS . . . . .	702	134	(1)	(1)	28	2

## GENERAL REVIEW

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

(IN THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	SOUTH ATLANTIC, 1951		GULF, 1951		PACIFIC, 1951	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
FISH-CONTINUED						
STURGEON, COMMON. . . . .	25	6	8	1	295	65
SUCKERS . . . . .	1	{1}	-	-	-	-
SUNFISH . . . . .	7	{1}	-	-	-	-
SWELLFISH . . . . .	50	3	-	-	-	-
SWORDFISH . . . . .	-	-	-	-	228	101
TENPOUNDER . . . . .	45	1	1,016	40	-	-
TOMCOD . . . . .	-	-	-	-	2	{1}
TRIGGERFISH . . . . .	1	{1}	28	3	-	-
TRIPLETAIL . . . . .	21	2	4	1	-	-
TUNA AND TUNALIKE FISHES:						
ALBACORE . . . . .	-	-	-	-	34,491	5,403
BLUEFIN . . . . .	-	-	-	-	3,862	604
BONITO . . . . .	8	{1}	10	1	777	74
LITTLE . . . . .	-	-	1	{1}	-	-
SKIPJACK . . . . .	-	-	-	-	116,599	16,655
YELLOWFIN . . . . .	-	-	3/348	3/45	161,481	24,961
TOTAL TUNA AND TUNALIKE FISHES . . . . .	8	{1}	359	46	317,210	47,697
WARSAW . . . . .	21	2	191	17	-	-
WHITEBAIT . . . . .	-	-	-	-	162	16
WHITEFISH, OCEAN . . . . .	-	-	-	-	18	2
WHITE PERCH . . . . .	394	42	-	-	-	-
YELLOW PERCH . . . . .	40	4	-	-	-	-
YELLOWTAIL . . . . .	-	-	-	-	4,670	443
UNCLASSIFIED . . . . .	-	-	470	6	165	17
TOTAL . . . . .	252,372	7,848	428,829	14,892	1,018,016	90,513
SHELLFISH, ETC.						
CRABS:						
BLUE:						
HARD . . . . .	23,535	810	13,798	696	-	-
SOFT AND PEELERS . . . . .	169	25	360	191	-	-
DUNGNESS . . . . .	-	-	-	-	23,850	3,196
ROCK . . . . .	-	-	-	-	23	2
STONE . . . . .	7	4	60	29	-	-
TOTAL CRABS . . . . .	23,711	839	14,218	916	23,873	3,198
CAWFISH, FRESH-WATER . . . . .	-	-	29	3	28	6
LOBSTERS, SPINY . . . . .	2,021	384	1,077	204	824	302
SHRIMP . . . . .	27,771	7,382	193,651	44,137	1,042	107
ABALONE . . . . .	-	-	-	-	817	365
CLAMS:						
HARD . . . . .	861	203	9	4	246	129
RAZOR . . . . .	-	-	-	-	399	201
MIXED . . . . .	-	-	-	-	38	9
TOTAL CLAMS . . . . .	861	203	9	4	683	339
CONCHS . . . . .						
OCTOPUS . . . . .	-	-	23	2	59	4
OYSTERS, MARKET:						
EASTERN, PUBLIC . . . . .	1,730	663	6,642	2,091	-	-
EASTERN, PRIVATE . . . . .	2,053	599	4,877	1,090	25	28
PACIFIC . . . . .	-	-	-	-	8,597	1,840
WESTERN . . . . .	-	-	-	-	88	125
TOTAL OYSTERS . . . . .	3,783	1,262	11,519	3,181	8,710	1,993
SCALLOPS, BAY . . . . .	183	96	252	161	17	11
SQUID . . . . .	{1}	{1}	3	{1}	12,383	336
TERRAPIN, DIAMOND-BACK . . . . .	5	3	{1}	{1}	-	-
TURTLES:						
GREEN . . . . .	{1}	{1}	9	1	-	-
LOGGERHEAD . . . . .	{1}	{1}	4	-	-	-
SNAPPER . . . . .	67	8	1	{1}	-	-
SOFT-SHELL . . . . .	9	1	-	-	-	-
TOTAL TURTLES . . . . .	76	9	14	2	-	-
FROGS . . . . .	{1}	{1}	28	10	-	-
SPONGES . . . . .	-	-	16	111	-	-
TOTAL . . . . .	58,411	10,118	220,839	48,731	48,436	6,661

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

# GENERAL REVIEW

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

(IN THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	SOUTH ATLANTIC, 1951		GULF, 1951		PACIFIC, 1951	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
WHALE PRODUCTS						
MEAL . . . . .	-	-	-	-	170	10
OIL:						
WHALE . . . . .	-	-	-	-	139	13
SPERM . . . . .	-	-	-	-	375	37
TOTAL . . . . .	-	-	-	-	684	60
GRAND TOTAL . . . . .	310,783	17,966	649,668	63,623	1,067,136	97,234

SPECIES	LAKES, 1951		MISSISSIPPI RIVER AND TRIBUTARIES, 1950	
	QUANTITY	VALUE	QUANTITY	VALUE
FISH				
ALEWIVES . . . . .	(1)	(1)	-	-
BLUE PIKE . . . . .	2,402	625	-	-
BOWFIN . . . . .	22	1	442	46
BUFFALOFISH . . . . .	2	(1)	25,011	3,470
BURBOT . . . . .	571	31	23	(1)
CARP . . . . .	5,055	262	26,913	1,595
CARPSUCKER . . . . .	-	-	28	1
CATFISH AND BULLHEADS . . . . .	1,809	416	14,222	3,193
CHUB . . . . .	10,529	1,690	-	-
CISCO . . . . .	155	57	-	-
CRAPPIE . . . . .	-	-	188	38
EELS, COMMON . . . . .	(1)	(1)	3	1
GARFISH . . . . .	(1)	(1)	2	102
GIZZARD SHAD . . . . .	(1)	(1)	2,256	-
GOLDFISH . . . . .	126	6	-	-
HERRING, LAKE . . . . .	20,177	981	-	-
LAKE TROUT . . . . .	2,928	1,246	-	-
MOONEYE AND GOLDEYE . . . . .	21	1	67	6
PADDLE FISH OR SPOONBILL CAT PIKE OR PICKEREL . . . . .	-	-	961	123
QUILLBACK . . . . .	129	14	54	7
ROCK BASS . . . . .	26	(1)	945	125
SAUGER . . . . .	472	3	-	-
SHAD . . . . .	-	-	117	-
SHAD . . . . .	-	-	19	1
SHEEPSHEAD, FRESH-WATER . . . . .	3,616	180	6,625	674
SMELT . . . . .	3,624	235	-	-
STURGEON, SHOVELNOSE . . . . .	13	17	72	12
SUCKERS . . . . .	3,031	163	210	19
SUNFISH . . . . .	6	1	63	5
TULLIBEE . . . . .	431	41	-	-
WHITE BASS . . . . .	1,037	205	40	4
WHITEFISH:				
COMMON . . . . .	2,761	1,306	65	12
MENOMINEE . . . . .	130	24	-	-
YELLOW PERCH . . . . .	4,355	983	139	29
YELLOW PIKE . . . . .	6,704	2,057	383	95
UNCLASSIFIED . . . . .	-	-	1	(1)
TOTAL . . . . .	70,145	10,664	78,730	9,558
SHELLFISH, ETC.				
CRAWFISH, FRESH-WATER . . . . .	1	(1)	1,010	58
MUSSEL SHELLS . . . . .	-	-	23,062	380
TURTLES:				
LOGGERHEAD . . . . .	-	-	38	3
SNAPPER . . . . .	-	-	227	2
SOFT-SHELL . . . . .	-	-	19	2
BABY . . . . .	-	-	2,474	22
UNCLASSIFIED . . . . .	-	-	74	5
TOTAL TURTLES . . . . .	-	-	2,832	54
FROGS . . . . .	-	-	162	42
PEARLS AND SLUGS . . . . .	-	-	-	12
TOTAL . . . . .	1	(1)	27,066	546
GRAND TOTAL . . . . .	70,146	10,664	105,796	10,104

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

## GENERAL REVIEW

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

(IN THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	ALASKA, 1951		TOTAL, VARIOUS YEARS	
	QUANTITY	VALUE	QUANTITY	VALUE
FISH				
ALEWIVES. . . . .	-	-	57,697	767
AMBERJACK. . . . .	-	-	52	2
ANCHOVIES. . . . .	-	-	6,958	144
ANGELFISH. . . . .	-	-	14	(1)
ANGLERFISH. . . . .	-	-	162	6
BARRACUDA. . . . .	-	-	2,183	361
BLUEFISH. . . . .	-	-	4,669	760
BLUE PIKE. . . . .	-	-	2,402	625
BLUE RUNNER OR HARDTAIL. . . . .	-	-	982	49
BOWFIN. . . . .	-	-	481	47
BUFFALO FISH. . . . .	-	-	25,790	3,556
BURBOT. . . . .	-	-	594	31
BUTTERFISH. . . . .	-	-	10,629	801
CABEZONE. . . . .	-	-	24	1
CABIO OR CRAB EATER. . . . .	-	-	62	7
CABRILLA. . . . .	-	-	392	59
CARP. . . . .	-	-	35,429	2,007
CARPSUCKER. . . . .	-	-	28	1
CATFISH AND BULLHEADS. . . . .	-	-	27,371	5,858
CERO. . . . .	-	-	4	(1)
CHUB. . . . .	-	-	10,529	1,690
CIGARFISH. . . . .	-	-	62	3
CISCO. . . . .	-	-	155	57
COD. . . . .	-	-	59,591	4,151
CRAPPIE. . . . .	-	-	189	38
CREVALLE. . . . .	-	-	730	22
CRAKER. . . . .	-	-	8,495	1,060
CUNNER. . . . .	-	-	17	(1)
CUSK. . . . .	-	-	3,923	182
DOLLY VARDEN TROUT. . . . .	24	2	24	2
DOLPHIN. . . . .	-	-	27	3
DRUM:				
BLACK. . . . .	-	-	1,324	141
RED OR REDFISH. . . . .	-	-	2,153	334
EELS:				
COMMON. . . . .	-	-	1,840	243
CONSER. . . . .	-	-	116	4
FLOUNDERS. . . . .	5	1	118,417	13,253
FLYING FISH. . . . .	-	-	53	4
FRIGATE MACKEREL. . . . .	-	-	2	(1)
GARFISH. . . . .	-	-	2,459	112
GIZZARD SHAD. . . . .	-	-	310	7
GOATFISH. . . . .	-	-	145	15
GOLDFISH. . . . .	-	-	126	6
GRAYFISH. . . . .	-	-	2,707	72
GROUPERS. . . . .	-	-	7,748	852
GRUNTS. . . . .	-	-	249	21
HADDOCK. . . . .	-	-	154,103	11,968
HAKE:				
PACIFIC. . . . .	-	-	43	1
RED. . . . .	-	-	5,165	107
WHITE. . . . .	-	-	12,239	566
HALIBUT. . . . .	32,045	4,117	48,056	6,886
HARVESTFISH OR STARFISH. . . . .	-	-	853	59
HERRING:				
LAKE. . . . .	-	-	20,177	981
SEA. . . . .	81,625	1,003	154,321	2,106
HICKORY SHAD. . . . .	-	-	458	28
HOGCHOKER. . . . .	-	-	11	(1)
HOGFISH. . . . .	-	-	41	5
JACK MACKEREL. . . . .	-	-	89,838	2,016
JEWFISH. . . . .	-	-	194	13
KINGFISH (CALIFORNIA). . . . .	-	-	682	45
KING MACKEREL. . . . .	-	-	3,141	469
KING WHITING OR KINGFISH. . . . .	-	-	3,755	338
LAKE TROUT. . . . .	-	-	2,928	1,246
LAMPREY. . . . .	-	-	207	5
LAUNCE. . . . .	-	-	42	1
LINGCOD. . . . .	13	1	6,679	593
MACKEREL. . . . .	-	-	49,266	2,419
MENHADEN. . . . .	-	-	1,127,065	12,983
MINNOWS. . . . .	-	-	99	7
MOONEYE AND GOLDEYE. . . . .	-	-	88	7
MULLET. . . . .	-	-	39,163	3,962
MUTTONFISH. . . . .	-	-	148	25

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

# GENERAL REVIEW

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

(IN THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	ALASKA, 1951		TOTAL, VARIOUS YEARS	
	QUANTITY	VALUE	QUANTITY	VALUE
<b>FISH-CONTINUED</b>				
<b>OCEAN PERCH:</b>				
ATLANTIC . . . . .	-	-	258,320	12,597
PACIFIC . . . . .	-	-	1,856	93
OCEAN POUT . . . . .	-	-	139	2
PADDLEFISH OR SPOONBILL CAT	-	-	984	127
PERCH . . . . .	-	-	520	61
PERMIT . . . . .	-	-	42	2
PIGFISH . . . . .	-	-	380	16
PIKE OR PICKEREL . . . . .	-	-	199	23
PILCHARD . . . . .	-	-	328,894	7,248
PILCOTFISH . . . . .	-	-	2	(1)
PINFISH . . . . .	-	-	1,023	25
POLLOCK . . . . .	-	-	22,717	1,002
POMPANO . . . . .	-	-	1,048	511
PORKFISH . . . . .	-	-	5	(1)
QUILLBACK . . . . .	-	-	947	125
RATFISH . . . . .	-	-	620	6
ROCK BASS . . . . .	-	-	315	49
ROCKFISHES . . . . .	8	(1)	25,345	1,409
SABLEFISH . . . . .	5,815	530	14,018	1,233
<b>SALMON:</b>				
ATLANTIC . . . . .	-	-	2	1
CHINOOK OR KING . . . . .	15,791	3,037	43,201	10,489
CHUM OR KETA . . . . .	52,934	4,378	65,133	6,011
PINK . . . . .	113,666	13,137	147,644	18,234
RED OR SOCKEYE . . . . .	57,917	6,712	66,181	9,247
SILVER OR COHO . . . . .	36,280	5,104	52,064	8,527
TOTAL SALMON . . . . .	276,588	32,368	374,225	52,509
<b>SAND PERCH.</b>	-	-	14	1
SAUGER . . . . .	-	-	472	117
SAWFISH . . . . .	-	-	11	1
SCULPIN . . . . .	-	-	101	18
SCUP OR PORGY . . . . .	-	-	36,689	2,994
<b>SEA BASS:</b>				
BLACK (ATLANTIC) . . . . .	-	-	18,711	2,115
BLACK (PACIFIC) . . . . .	-	-	276	46
WHITE . . . . .	-	-	1,533	364
SEA CATFISH . . . . .	-	-	1,164	74
SEA ROBIN . . . . .	-	-	431	7
<b>SEA TROUT OR WEAKFISH:</b>				
GRAY . . . . .	-	-	6,342	767
SPOTTED . . . . .	-	-	5,820	1,392
WHITE . . . . .	-	-	595	63
SHAD . . . . .	-	-	10,472	1,775
SHARKS . . . . .	11	(1)	1,601	118
<b>SHEEPSHEAD:</b>				
FRESH-WATER . . . . .	-	-	10,987	929
SALT-WATER . . . . .	-	-	367	37
SILVERSIDES . . . . .	-	-	(1)	(1)
SKATES . . . . .	-	-	1,282	19
SMILT . . . . .	-	-	6,902	619
<b>SNAPPER:</b>				
MANGROVE . . . . .	-	-	478	67
RED . . . . .	-	-	7,188	1,863
YELLOWTAIL . . . . .	-	-	438	92
SNOOK OR SERGEANTFISH . . . . .	-	-	700	91
SPADEFISH . . . . .	-	-	(1)	(1)
SPANISH MACKEREL . . . . .	-	-	8,721	921
SPOT . . . . .	-	-	13,072	636
SQUAMFISH . . . . .	-	-	1	(1)
STEELHEAD TROUT . . . . .	6	1	1,246	267
STRIPED BASS . . . . .	-	-	6,116	1,300
<b>TURGEON:</b>				
COMMON . . . . .	-	-	368	81
SHOVELNOSE . . . . .	-	-	85	29
SUCKERS . . . . .	-	-	3,291	186
SUNFISH . . . . .	-	-	80	6
SWELLFISH . . . . .	-	-	1,644	81
SWORDFISH . . . . .	-	-	430	199
TAUTOG . . . . .	-	-	199	10
TENPOUNDER . . . . .	-	-	1,061	41
THIMBLE-EYED MACKEREL . . . . .	-	-	18	1
TILEFISH . . . . .	-	-	2,275	192
TOMCOD . . . . .	-	-	2	(1)
TRIGGERFISH . . . . .	-	-	29	3

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

## GENERAL REVIEW

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

(IN THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	ALASKA, 1951		TOTAL, VARIOUS YEARS	
	QUANTITY	VALUE	QUANTITY	VALUE
FISH-CONTINUED				
TRIPLETAIL . . . . .	-	-	25	3
TULLIBEE . . . . .	-	-	431	41
TUNA AND TUNALIKE FISHES:				
ALBACORE . . . . .	-	-	34,491	5,403
BLUEFIN . . . . .	-	-	5,622	735
BONITO . . . . .	-	-	836	80
LITTLE . . . . .	-	-	371	8
SKIPJACK . . . . .	-	-	116,599	16,655
YELLOWFIN . . . . .	-	-	161,629	25,006
TOTAL TUNA AND TUNALIKE FISHES . . . . .	-	-	319,748	47,887
WARSAW . . . . .	-	-	212	19
WHITEBAIT . . . . .	-	-	163	16
WHITE BASS . . . . .	-	-	1,077	209
WHITEFISH:				
COMMON . . . . .	-	-	2,826	1,318
MENOHINEE . . . . .	-	-	130	24
OCEAN . . . . .	-	-	18	2
WHITE PERCH . . . . .	-	-	2,279	228
WHITING . . . . .	-	-	120,076	2,903
WOLFFISH . . . . .	-	-	1,989	110
YELLOW PERCH . . . . .	-	-	4,708	1,041
YELLOW PIKE . . . . .	-	-	7,087	2,152
YELLOWTAIL . . . . .	-	-	4,670	443
UNCLASSIFIED . . . . .	3	(1)	58,555	1,150
TOTAL . . . . .	396,143	38,023	3,822,843	236,496
SHELLFISH, ETC.				
CRABS:				
BLUE:				
HARD . . . . .	-	-	107,790	4,350
SOFT AND PEELERS . . . . .	-	-	6,566	1,353
DUNGENESS . . . . .	5,482	478	29,332	3,674
KING . . . . .	1,994	228	1,994	228
ROCK . . . . .	-	-	2,352	129
STONE . . . . .	-	-	67	33
TANNER . . . . .	12	1	12	1
TOTAL CRABS . . . . .	7,488	707	148,113	9,768
CRAWFISH, FRESH-WATER . . . . .	-	-	1,068	67
HORSESHOE CRAB . . . . .	-	-	616	4
LOBSTERS:				
NORTHERN . . . . .	-	-	25,946	9,379
SPINY . . . . .	-	-	3,922	890
SHRIMP . . . . .	1,708	179	224,316	51,862
ABALONE . . . . .	-	-	817	365
CLAMS:				
COCKLES . . . . .	32	3	32	3
HARD . . . . .	(1)	(1)	20,801	7,558
OCEAN QUAHOG . . . . .	-	-	201	14
RAZOR . . . . .	2,356	348	2,801	555
SOFT . . . . .	-	-	9,021	2,330
SURF . . . . .	-	-	10,491	1,050
MIXED . . . . .	-	-	38	9
TOTAL CLAMS . . . . .	2,388	351	43,385	11,519
CONCHS . . . . .	-	-	416	41
MUSSELS, SEA . . . . .	-	-	722	54
MUSSEL SHELLS . . . . .	-	-	23,062	380
OCTOPUS . . . . .	-	-	59	4
OYSTERS, MARKET:				
EASTERN, PUBLIC . . . . .	-	-	22,180	8,704
EASTERN PRIVATE . . . . .	-	-	42,125	18,401
PACIFIC . . . . .	-	-	8,597	1,840
WESTERN . . . . .	-	-	88	125
TOTAL OYSTERS . . . . .	-	-	72,990	29,070
PERIWINKLES AND COCKLES . . . . .	-	-	4	1
SCALLOPS:				
BAY . . . . .	-	-	1,806	1,348
SEA . . . . .	-	-	18,746	8,324

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

# GENERAL REVIEW

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

(IN THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	ALASKA, 1951		TOTAL, VARIOUS YEARS	
	QUANTITY	VALUE	QUANTITY	VALUE
SHELLFISH, ETC.--CONTINUED				
SQUID . . . . .	-	-	17,981	612
SEA URCHINS . . . . .	-	-	55	1
TERRAPIN, DIAMOND-BACK . . . . .	-	-	162	42
TURTLES:				
GREEN . . . . .	-	-	9	1
LOGGERHEAD . . . . .	-	-	43	4
SNAPPER . . . . .	-	-	404	40
SOFT-SHELL . . . . .	-	-	28	3
BABY . . . . .	-	-	2,474	22
UNCLASSIFIED . . . . .	-	-	74	5
TOTAL TURTLES . . . . .	-	-	3,032	75
FROGS . . . . .	-	-	190	52
IRISH MOSS . . . . .	-	-	2,730	40
SPONGES . . . . .	-	-	16	111
PEARLS AND SLUGS . . . . .	-	-	-	12
BLOODWORMS . . . . .	-	-	216	158
SANDWORMS . . . . .	-	-	148	91
TOTAL . . . . .	11,564	1,237	590,518	124,270
WHALE PRODUCTS				
MEAL . . . . .	-	-	170	10
OIL:				
WHALE . . . . .	-	-	139	13
SPERM . . . . .	-	-	375	37
TOTAL . . . . .	-	-	684	60
GRAND TOTAL . . . . .	407,727	39,260	4,414,045	360,826

1/ LESS THAN 500 POUNDS OR 500 DOLLARS.  
 2/ THE CATCH OF GRAYFISH IN CALIFORNIA IS INCLUDED WITH SHARKS.  
 3/ THE CATCH OF YELLOWFIN TUNA IN THE GULF REGION WAS TAKEN IN THE PACIFIC OCEAN.

## UNITED STATES AND ALASKA - CATCH BY STATES

STATE	MARINE WATERS AND COASTAL RIVERS, 1951		MISSISSIPPI RIVER AND TRIBUTARIES, 1950	
	POUNDS	VALUE	POUNDS	VALUE
ALABAMA . . . . .	13,642,700	\$2,639,100	7,885,500	\$505,067
ARKANSAS . . . . .	-	-	13,157,200	1,610,060
CALIFORNIA . . . . .	862,148,900	66,597,247	-	-
CONNECTICUT . . . . .	11,184,900	1,299,248	-	-
DELAWARE . . . . .	175,657,200	3,781,062	-	-
FLORIDA . . . . .	207,880,400	22,152,917	-	-
GEORGIA . . . . .	15,248,100	2,614,740	-	-
ILLINOIS . . . . .	-	-	9,064,500	688,222
IOWA . . . . .	-	-	1,979,600	181,408
KENTUCKY . . . . .	-	-	2,134,000	346,892
LOUISIANA . . . . .	323,783,500	26,738,650	16,593,600	1,852,962
MAINE . . . . .	223,051,000	15,606,047	-	-
MARYLAND . . . . .	64,702,100	10,145,889	-	-
MASSACHUSETTS . . . . .	633,188,900	46,814,722	-	-
MINNESOTA . . . . .	-	-	13,009,900	1,371,542
MISSISSIPPI . . . . .	125,680,800	3,132,699	7,676,500	1,082,318
MISSOURI . . . . .	-	-	685,000	72,851
NEW HAMPSHIRE . . . . .	587,500	215,477	-	-
NEW JERSEY . . . . .	241,648,200	10,607,217	-	-
NEW YORK . . . . .	138,086,400	15,044,077	-	-
NORTH CAROLINA . . . . .	157,864,800	6,329,071	-	-
OKLAHOMA . . . . .	-	-	1,166,700	193,962
OREGON . . . . .	53,045,900	7,183,878	-	-
RHODE ISLAND . . . . .	48,795,300	3,496,174	-	-

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## GENERAL REVIEW

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

STATE	MARINE WATERS AND COASTAL RIVERS, 1951		MISSISSIPPI RIVER AND TRIBUTARIES, 1950	
	POUNDS	VALUE	POUNDS	VALUE
SOUTH CAROLINA . . . . .	18,061,600	\$2,283,175	-	-
SOUTH DAKOTA . . . . .	-	-	2,817,200	\$112,418
TENNESSEE . . . . .	-	-	20,528,600	1,428,300
TEXAS . . . . .	98,290,100	15,698,923	-	-
VIRGINIA . . . . .	265,887,500	14,964,950	-	-
WASHINGTON . . . . .	151,941,000	23,452,953	-	-
WISCONSIN . . . . .	-	-	9,097,500	658,129
ALASKA . . . . .	407,726,696	39,260,240	-	-
TOTAL . . . . .	4,238,103,496	340,058,456	105,795,800	10,104,129

STATE	GREAT LAKES AND INTERNATIONAL LAKES, 1951		TOTAL, VARIOUS YEARS	
	POUNDS	VALUE	POUNDS	VALUE
ALABAMA . . . . .	-	-	21,528,200	\$3,144,167
ARKANSAS . . . . .	-	-	13,157,200	1,610,060
CALIFORNIA . . . . .	-	-	862,148,900	66,597,247
CONNECTICUT . . . . .	-	-	11,184,900	1,299,248
DELAWARE . . . . .	-	-	175,657,200	3,781,062
FLORIDA . . . . .	-	-	207,880,400	22,152,917
GEORGIA . . . . .	-	-	15,248,100	2,614,740
ILLINOIS . . . . .	1,049,600	\$206,458	10,114,100	894,680
INDIANA . . . . .	89,500	9,862	89,500	9,862
IOWA . . . . .	-	-	1,979,600	181,406
KENTUCKY . . . . .	-	-	2,134,000	346,892
LOUISIANA . . . . .	-	-	340,377,100	28,591,612
MAINE . . . . .	-	-	223,051,000	15,606,047
MARYLAND . . . . .	-	-	64,702,100	10,145,889
MASSACHUSETTS . . . . .	-	-	633,188,900	46,814,722
MICHIGAN . . . . .	25,020,700	3,408,693	25,020,700	3,408,693
MINNESOTA . . . . .	4,019,400	420,221	17,029,300	1,791,763
MISSISSIPPI . . . . .	-	-	133,357,300	4,215,017
MISSOURI . . . . .	-	-	685,000	72,851
NEW HAMPSHIRE . . . . .	-	-	587,500	215,477
NEW JERSEY . . . . .	-	-	241,648,200	10,607,217
NEW YORK . . . . .	800,100	197,904	138,886,500	15,241,981
NORTH CAROLINA . . . . .	-	-	157,864,800	6,329,071
OHIO . . . . .	18,700,000	3,954,811	18,700,000	3,954,811
OKLAHOMA . . . . .	-	-	1,166,700	193,962
OREGON . . . . .	-	-	53,045,900	7,183,878
PENNSYLVANIA . . . . .	735,600	285,216	735,600	285,216
RHODE ISLAND . . . . .	-	-	48,795,300	3,496,174
SOUTH CAROLINA . . . . .	-	-	18,061,600	2,283,175
SOUTH DAKOTA . . . . .	-	-	2,817,200	112,418
TENNESSEE . . . . .	-	-	20,528,600	1,428,300
TEXAS . . . . .	-	-	98,290,100	15,698,923
TEXAS . . . . .	-	-	265,887,500	14,964,950
VIRGINIA . . . . .	-	-	151,941,000	23,452,953
WASHINGTON . . . . .	-	-	28,828,700	2,836,551
WISCONSIN . . . . .	19,731,200	2,180,422	407,726,696	39,260,240
ALASKA . . . . .	-	-	-	-
TOTAL . . . . .	70,146,100	10,663,587	4,414,045,396	360,826,172



# GENERAL REVIEW

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## SEED OYSTER FISHERY, 1951

ITEM	NEW ENGLAND		MIDDLE ATLANTIC	
	<u>NUMBER</u>		<u>NUMBER</u>	
FISHERMEN:				
ON VESSELS . . . . .	117		1,756	
ON BOATS AND SHORE:				
REGULAR . . . . .	8		266	
CASUAL . . . . .	9		146	
TOTAL . . . . .	134		2,168	
VESSLS:				
STEAM . . . . .	1		-	
NET TONNAGE . . . . .	99		-	
MOTOR . . . . .	17		179	
NET TONNAGE . . . . .	603		3,628	
TOTAL VESSELS . . . . .	18		179	
TOTAL NET TONNAGE . . . . .	702		3,628	
BOATS:				
MOTOR . . . . .	12		276	
OTHER . . . . .	-		67	
APPARATUS:				
DREDGES . . . . .	38		384	
YARDS AT MOUTH . . . . .	57		413	
TONGS . . . . .	14		342	
CATCH	<u>BUSHEL</u>	<u>VALUE</u>	<u>BUSHEL</u>	<u>VALUE</u>
OYSTERS, SEED:				
PUBLIC, SPRING . . . . .	997	\$1,164	733,376	\$1,074,878
PUBLIC, FALL . . . . .	1,105	1,484	73,572	95,766
PRIVATE, SPRING . . . . .	199,048	447,725	29,500	36,800
PRIVATE, FALL . . . . .	168,780	252,451	-	-
TOTAL . . . . .	369,930	702,825	836,448	1,207,444
ITEM	CHESAPEAKE		TOTAL	
	<u>NUMBER</u>		<u>NUMBER</u>	
FISHERMEN:				
ON VESSELS . . . . .	208		2,081	
ON BOATS AND SHORE:				
REGULAR . . . . .	1,200		1,474	
CASUAL . . . . .	-		155	
TOTAL . . . . .	1,408		3,710	
VESSLS:				
STEAM . . . . .	-		1	
NET TONNAGE . . . . .	-		99	
MOTOR . . . . .	61		257	
NET TONNAGE . . . . .	345		4,576	
SAIL . . . . .	17		17	
NET TONNAGE . . . . .	258		258	
TOTAL VESSELS . . . . .	78		275	
TOTAL NET TONNAGE . . . . .	603		4,933	
BOATS:				
MOTOR . . . . .	639		927	
OTHER . . . . .	218		285	
APPARATUS:				
DREDGES . . . . .	34		456	
YARDS AT MOUTH . . . . .	51		521	
TONGS . . . . .	1,009		1,365	
RAKES . . . . .	37		37	
CATCH	<u>BUSHEL</u>	<u>VALUE</u>	<u>BUSHEL</u>	<u>VALUE</u>
OYSTER, SEED:				
PUBLIC, SPRING . . . . .	1,591,000	\$1,189,750	2,325,373	\$2,265,792
PUBLIC, FALL . . . . .	1,282,700	898,300	1,357,377	995,550
PRIVATE, SPRING . . . . .	123,100	99,200	351,648	583,726
PRIVATE, FALL . . . . .	156,900	109,900	325,680	362,351
TOTAL . . . . .	3,153,700	2,297,150	4,360,078	4,207,419

## GENERAL REVIEW

## UNITED STATES AND ALASKA - CATCH BY GEAR

GEAR	NEW ENGLAND, 1951		MIDDLE ATLANTIC, 1951		CHESAPEAKE, 1951	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
PURSE SEINES . . . . .	27,977,900	\$881,925	412,458,400	\$4,789,670	118,134,000	\$1,063,206
HAUL SEINES . . . . .	1,205,300	52,934	1,973,300	307,014	14,669,800	1,300,819
STOP SEINES . . . . .	32,472,400	499,909	-	-	-	-
GILL NETS . . . . .	9,946,100	614,053	2,339,100	418,193	10,462,100	1,437,547
LINES . . . . .	22,431,100	1,667,631	2,723,800	367,855	21,256,100	750,741
POUND NETS . . . . .	7,451,200	363,486	44,999,700	1,207,369	54,251,100	1,842,002
FLOATING TRAPS . . . . .	7,214,500	413,763	-	-	-	-
WEIRS . . . . .	20,040,500	307,352	662,200	9,027	-	-
STOP NETS . . . . .	4,900	895	7,600	378	25,900	957
FYKE OR DROP NETS . . . . .	35,900	3,339	456,900	43,872	2,809,600	297,022
DIP NETS . . . . .	4,182,500	119,719	28,200	7,855	265,000	67,590
BAG NETS . . . . .	48,100	13,219	-	-	-	-
LIFT NETS . . . . .	100,000	1,000	-	-	-	-
OTTER TRAWLS . . . . .	720,525,900	40,276,186	35,974,500	3,886,561	25,350,200	2,658,238
BEAM TRAWLS . . . . .	-	-	86,500	47,575	-	-
SLAT TRAPS . . . . .	-	-	-	-	4,500	90
OTHER TRAPS . . . . .	49,000	9,906	-	-	-	-
POTS . . . . .	28,056,600	9,370,946	4,318,400	567,533	37,188,900	1,349,852
HARPOONS . . . . .	311,200	110,794	2,100	1,155	-	-
SPEARS . . . . .	200	38	3,600	730	-	-
SCRAPES . . . . .	-	-	-	-	4,467,100	829,460
DREDGES . . . . .	18,525,300	8,372,712	37,749,200	13,432,440	26,484,100	7,103,310
TONGS . . . . .	2,806,600	980,428	9,405,900	3,423,947	14,002,700	5,893,753
RAKES . . . . .	4,851,200	863,812	1,439,700	544,936	628,400	311,277
FORKS . . . . .	168,200	74,808	-	-	-	-
HOES . . . . .	8,399,800	2,431,756	376,000	146,640	-	-
BY HAND . . . . .	3,200	1,057	386,700	149,606	590,100	204,975
TOTAL . . . . .	916,807,600	67,431,668	555,391,800	29,432,356	330,589,600	25,110,839

GEAR	SOUTH ATLANTIC, 1951		GULF, 1951		PACIFIC, 1951	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
PURSE SEINES . . . . .	184,952,500	\$1,839,991	357,958,600	\$4,872,056	1/553,390,000	1/223,586,105
HAUL SEINES . . . . .	23,121,200	1,661,287	10,875,200	1,114,585	1,701,800	187,945
GILL NETS . . . . .	16,924,900	2,017,177	22,559,500	2,530,126	3/34,733,100	3/6,583,082
TRAMMEL NETS . . . . .	490,600	128,958	8,453,500	1,098,835	(3)	(3)
LINES . . . . .	17,777,500	1,318,985	37,897,400	5,557,144	338,852,200	53,180,194
POUND NETS . . . . .	14,207,600	579,742	-	-	276,500	48,697
WEIRS . . . . .	-	-	-	-	235,300	18,824
FYKE OR DROP NETS . . . . .	202,200	16,032	1,154,300	138,233	298,800	54,170
DIP NETS . . . . .	47,500	19,960	407,900	47,096	2,625,000	523,399
BAG NETS . . . . .	407,200	84,117	414,100	39,092	-	-
REF NETS . . . . .	-	-	-	-	197,700	13,541
OTTER TRAWLS . . . . .	37,899,500	7,937,866	195,355,100	44,278,033	4,023,300	740,181
BEAM TRAWLS . . . . .	-	-	-	-	89,019,700	5,716,554
CHANNEL NETS . . . . .	235,400	54,142	-	-	773,100	69,743
BRUSH TRAPS . . . . .	-	-	242,900	123,879	-	-
SLAT TRAPS . . . . .	-	-	57,900	13,411	-	-
OTHER TRAPS . . . . .	-	-	-	-	24,691,100	3,513,540
POTS . . . . .	9,488,000	778,485	2,405,600	332,159	-	-
HARPOONS . . . . .	-	-	-	-	1,185,300	163,408
SPEARS . . . . .	229,600	44,088	40,700	9,464	-	-
DREDGES . . . . .	1,952,000	681,282	7,193,800	1,768,750	4/7,861,200	4/1,740,829
TONGS . . . . .	269,500	106,966	4,550,200	1,562,292	(4)	(4)
RAKES . . . . .	271,300	108,498	-	-	848,400	252,655
GRABS . . . . .	1,509,100	376,255	11,500	4,025	-	-
SHOVELS . . . . .	-	-	-	-	682,700	339,736
BRAIL OR SCOOP NETS . . . . .	-	-	-	-	4,963,800	136,879
HOOKS . . . . .	-	-	9,800	66,073	-	-
DIVING OUTFITS . . . . .	-	-	6,400	44,882	816,800	364,596
BY HAND . . . . .	797,900	213,279	74,100	23,030	(4)	(4)
TOTAL . . . . .	310,783,500	17,966,110	649,668,500	63,623,165	1,067,135,800	97,234,078

GEAR	LAKES, 1951		MISSISSIPPI RIVER AND TRIBUTARIES, 1950	
	POUNDS	VALUE	POUNDS	VALUE
PURSE SEINES . . . . .	5,908,100	\$509,828	-	-
HAUL SEINES . . . . .	-	-	27,121,300	\$2,088,196
GILL NETS . . . . .	37,797,900	5,371,912	8,853,500	1,059,977
TRAMMEL NETS . . . . .	-	-	4,532,000	571,758

(CONTINUED ON NEXT PAGE)

SEE FOOTNOTES AT END OF TABLE.

# GENERAL REVIEW

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

GEAR	LAKES, 1951		MISSISSIPPI RIVER AND TRIBUTARIES, 1950	
	POUNDS	VALUE	POUNDS	VALUE
LINES . . . . .	275,500	\$103,901	10,437,200	\$2,319,451
POUND NETS . . . . .	5,807,500	675,206	356,700	36,910
TRAP NETS . . . . .	18,981,100	3,818,257	-	-
FYKE OR DROP NETS . . . . .	1,376,000	186,483	26,669,300	3,389,652
DIP NETS . . . . .	-	-	2,483,700	24,355
OTHER TRAPS . . . . .	-	-	2,096,900	177,555
SPEARS . . . . .	-	-	21,000	1,050
CROWFOOT BARS . . . . .	-	-	22,449,100	379,806
TONGS . . . . .	-	-	156,600	3,238
RAKES . . . . .	-	-	90,000	1,880
GRABS . . . . .	-	-	135,200	33,804
DIVING OUTFITS . . . . .	-	-	185,900	3,862
BY HAND . . . . .	-	-	207,400	12,635
<b>TOTAL . . . . .</b>	<b>70,146,100</b>	<b>10,663,587</b>	<b>105,795,800</b>	<b>10,104,129</b>

GEAR	ALASKA, 1951		TOTAL, VARIOUS YEARS	
	POUNDS	VALUE	POUNDS	VALUE
PURSE SEINES . . . . .	2/167,123,227	2/ \$9,912,329	1,827,902,727	\$47,454,110
HAUL SEINES . . . . .	(2)	(2)	80,667,900	6,712,780
STOP SEINES . . . . .	-	-	32,472,400	499,909
GILL NETS . . . . .	59,478,168	7,342,590	203,094,368	27,374,657
TRAMMEL NETS . . . . .	-	-	13,476,100	1,799,551
TANGLE NETS . . . . .	214,401	36,631	214,401	36,631
LINES . . . . .	65,810,898	9,015,011	517,451,695	74,280,913
POUND NETS . . . . .	103,730,505	11,753,822	231,080,605	16,585,234
TRAP NETS . . . . .	-	-	18,981,100	3,818,257
FLOATING TRAPS . . . . .	-	-	7,214,500	413,763
WEIRS . . . . .	-	-	20,938,000	335,203
STOP NETS . . . . .	-	-	38,400	2,230
FYKE OR DROP NETS . . . . .	-	-	32,963,000	4,128,803
DIP NETS . . . . .	-	-	10,039,800	809,974
CAST NETS . . . . .	-	-	521,300	123,209
BAG NETS . . . . .	-	-	245,800	26,760
LIFT NETS . . . . .	-	-	100,000	1,000
REEF NETS . . . . .	-	-	4,023,300	740,181
OTTER TRAWLS . . . . .	1,791,631	192,021	1,105,916,531	104,945,459
BEAM TRAWLS . . . . .	1,707,816	179,301	2,567,416	296,619
CHANNEL NETS . . . . .	-	-	235,400	54,142
BRUSH TRAPS . . . . .	-	-	242,900	123,879
SLAT TRAPS . . . . .	-	-	62,400	13,501
OTHER TRAPS . . . . .	-	-	26,837,000	3,701,001
POTS . . . . .	5,482,416	478,387	86,939,916	12,877,362
HARPOONS . . . . .	-	-	1,498,600	275,357
SPEARS . . . . .	-	-	295,100	55,370
SCRAPES . . . . .	-	-	4,467,100	829,460
DREDGES . . . . .	-	-	99,765,600	33,099,323
CROWFOOT BARS . . . . .	-	-	22,449,100	379,806
TONGS . . . . .	-	-	31,191,500	11,970,624
RAKES . . . . .	-	-	8,129,000	2,083,058
FORKS . . . . .	-	-	168,200	74,808
HOES . . . . .	-	-	8,775,800	2,578,596
GRABS . . . . .	-	-	1,655,800	414,084
SHOVELS . . . . .	2,387,834	350,148	3,070,534	689,884
BRAIL OR SCOOP NETS . . . . .	-	-	4,963,800	136,879
HOOKS . . . . .	-	-	9,800	66,073
DIVING OUTFITS . . . . .	-	-	1,009,100	413,340
BY HAND . . . . .	-	-	2,059,400	604,582
<b>TOTAL . . . . .</b>	<b>407,726,696</b>	<b>39,260,240</b>	<b>4,414,045,396</b>	<b>360,826,172</b>

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

2/ THE CATCH OF HAUL SEINES IN ALASKA HAS BEEN COMBINED WITH THAT OF PURSE SEINES.

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

4/ THE CATCH OF TONGS AND BY HAND IN WASHINGTON HAS BEEN INCLUDED WITH DREDGES.

NOTE:--DATA ARE NOT AVAILABLE ON THE QUANTITY AND VALUE OF THE CATCH BY TYPES OF GEAR IN ALASKA. HOWEVER, THE TOTAL CATCH HAS BEEN ALLOCATED TO THE VARIOUS GEAR THROUGH ESTIMATES. THE CATCH OF ALL TRAPS IN ALASKA HAS BEEN CREDITED TO POUND NETS.

## MANUFACTURED FISHERY PRODUCTS

The data listed in the following table are for 1951 for canned fish, fishery by-products, and packaged fish in the United States and for all products in Alaska, and for 1950 for packaged shellfish and cured products in the United States. Data on manufactured fishery products processed by fishermen are also for 1950.

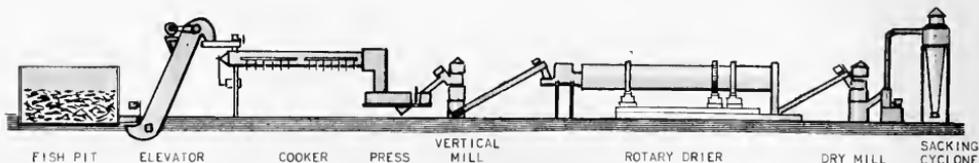
The value of manufactured fishery products (canned, cured, packaged, and byproducts) in the United States and Alaska as published in the following table, had a value of 547 million dollars. Canned products accounted for 55 percent of the total value; packaged shellfish, 15 percent; byproducts, 13 percent; packaged fish, 11 percent; and cured fish, 6 percent. It is believed that these figures would not be substantially changed if complete data were available for 1951.

The pack of canned fishery products in the United States and Alaska in 1951 amounted to 800,515,000 pounds valued at \$301,210,300 to the packers. This was a decrease of 17 percent in volume and 9 percent in value compared with the 1950 production. The pack of tuna and tunalike fishes, which amounted to 8,237,000 cases (157,326,000 pounds), valued at \$99,046,206 was 780,000 cases less than the 1950 production. Cannery received \$13,800,000 less for the pack than in the previous year. The 1951 pack of canned salmon amounted to 4,645,600 standard cases (222,988,000 pounds), valued at \$108,625,900 to the cannery. Compared with 1950, this was an increase of 8 percent in volume, but a decrease of 1 percent in value. The 1951 pack of California sardines (pilchards) amounted to 2,865,000 standard cases, (128,924,000 pounds), valued at \$19,362,700, a decrease of 34 percent in volume and 27 percent in value compared with the previous year. The pack of Maine sardines amounted to 1,677,000 cases (34,038,000 pounds) valued at \$14,635,400 to the packers. Compared with the previous year, this was a decrease of 56 percent in volume and 31 percent in value.

The 1951 production of fishery byproducts in the United States and Alaska was valued at \$69,313,027 -- 10 percent less than in the previous year. The 1951 production of fish and marine animal scrap amounted to 209,800 tons, valued at \$25,373,900 to the producers, a decrease of over 30,000 tons in volume and \$3,879,800 in value compared with the previous year. The production of marine animal oils in the United States and Alaska during the year amounted to 18,172,000 gallons valued at \$16,623,600 to the producers, a decrease of 17 percent in volume, and of 5 percent in value compared with 1950. Other important byproducts produced during the year were fresh-water and marine-shell buttons, 9,200,044 gross, valued at \$11,520,198, and fish solubles, 100,727,715 pounds, valued at \$4,128,356.

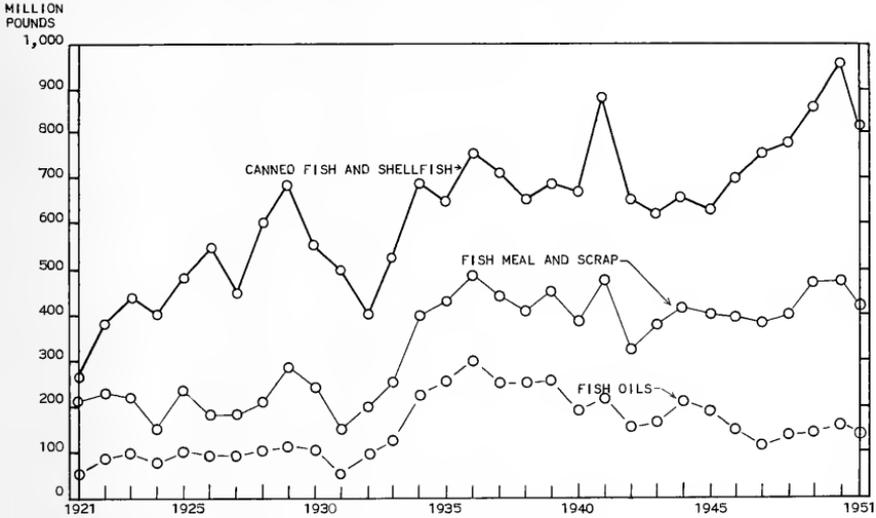
The following data have been previously published in Current Fishery Statistics No. 833.

### FISH MEAL PLANT

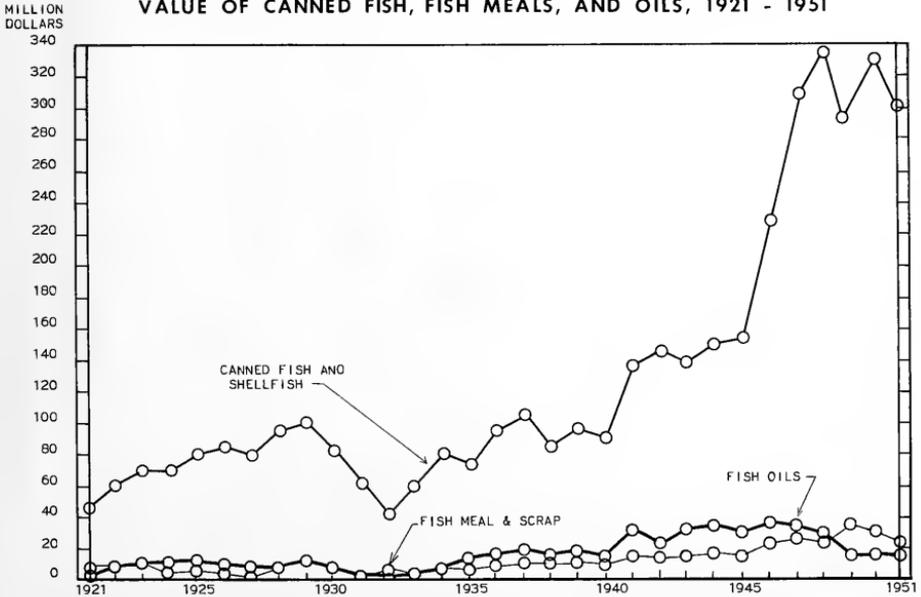


# GENERAL REVIEW

## PRODUCTION OF CANNED FISH, FISH MEALS, AND OILS, 1921 - 1951



## VALUE OF CANNED FISH, FISH MEALS, AND OILS, 1921 - 1951



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

ITEM	YEAR	UNIT	BY MANUFACTURING ESTABLISHMENTS		BY FISHERMEN	
			QUANTITY	VALUE	QUANTITY	VALUE
ALWIVES:						
CANNED . . . . .	1951	STANDARD CASES	127,760	\$604,314	-	-
ROE, CANNED 2/ . . . . .	1951	DO	41,856	604,504	-	-
SALTED:						
CORNED . . . . .	1950	POUNDS	2,205,100	94,116	460,000	\$19,722
PICKLED OR VINEGARED 3/ . . . . .	1950	DO	2,697,000	290,430	-	-
TIGHT-PACK CUT . . . . .	1950	DO	5,725,450	227,422	47,900	3,260
ROE, SALTED . . . . .	1950	DO	(4)	(4)	5,000	895
ANCHOVIES:						
CANNED . . . . .	1951	STANDARD CASES	41,055	489,062	-	-
SALTED AND PICKLED, IN GLASS . . . . .	1950	POUNDS	12,134	7,298	-	-
BLUE PIKE:						
FRESH FILLETS . . . . .	1951	DO	1,108,005	677,344	-	-
FRESH FILLETS . . . . .	1950	DO	-	-	73,000	47,500
FROZEN FILLETS . . . . .	1951	DO	359,032	212,842	-	-
BUFFALO FISH, SMOKED . . . . .	1950	DO	30,550	20,525	-	-
BUTTERFISH, SMOKED . . . . .	1950	DO	407,185	211,998	-	-
CARP:						
FRESH FILLETS . . . . .	1951	DO	125,000	18,750	-	-
SMOKED, WHOLE AND FILLETS . . . . .	1950	DO	601,104	235,242	7,050	2,600
CATFISH AND BULLHEADS:						
FROZEN FILLETS . . . . .	1951	DO	31,895	12,508	-	-
SMOKED . . . . .	1950	DO	3,025	1,846	3,160	2,070
CHUBS, SMOKED . . . . .	1950	DO	7,532,288	3,766,629	266,700	144,160
CISCO, SMOKED . . . . .	1950	DO	260,800	187,840	6,900	4,140
COD:						
FRESH FILLETS . . . . .	1951	DO	7,459,673	2,097,042	-	-
FROZEN FILLETS . . . . .	1951	DO	5,830,217	1,338,822	-	-
SALTED:						
DRY . . . . .	1950	DO	1,300,270	389,700	-	-
LUTEFISK . . . . .	1950	DO	3,721,944	607,418	-	-
BONELESS . . . . .	1950	DO	3,779,165	1,316,600	-	-
LIVER OIL . . . . .	1951	GALLONS	175,886	241,868	-	-
CUSK:						
FRESH FILLETS . . . . .	1951	POUNDS	455,914	113,022	-	-
FROZEN FILLETS . . . . .	1951	DO	139,134	27,404	-	-
EELS:						
SALTED . . . . .	1950	DO	-	-	128,200	29,350
SMOKED . . . . .	1950	DO	365,200	153,155	9,400	4,475
FLOUNDERS:						
FRESH FILLETS . . . . .	1951	DO	11,912,138	5,205,087	-	-
FROZEN FILLETS . . . . .	1951	DO	14,398,699	5,612,977	-	-
GROUPERS:						
FRESH FILLETS . . . . .	1951	DO	170,254	71,241	-	-
FROZEN FILLETS . . . . .	1951	DO	78,046	32,507	-	-
FRESH STEAKS . . . . .	1951	DO	181,390	79,642	-	-
FROZEN STEAKS . . . . .	1951	DO	19,417	8,168	-	-
Haddock:						
FRESH FILLETS . . . . .	1951	DO	22,369,005	6,765,927	-	-
FROZEN FILLETS . . . . .	1951	DO	28,461,522	7,779,752	-	-
HAKE:						
FRESH FILLETS . . . . .	1951	DO	1,079,366	218,936	-	-
FROZEN FILLETS . . . . .	1951	DO	871,852	132,789	-	-
HALIBUT:						
FROZEN FILLETS . . . . .	1951	DO	302,211	157,555	-	-
FROZEN STEAKS . . . . .	1951	DO	3,957,653	1,699,769	-	-
FROZEN CHEEKS . . . . .	1951	DO	7,725	1,171	-	-
HERRING, LAKE:						
FRESH FILLETS . . . . .	1951	DO	139,012	28,368	-	-
FROZEN FILLETS . . . . .	1951	DO	117,471	22,008	-	-
SALTED . . . . .	1950	DO	4,004,870	509,160	159,000	12,810
SMOKED . . . . .	1950	DO	1,129,000	272,271	62,900	22,825
HERRING, SEA:						
SARDINES, CANNED . . . . .	1951	STANDARD CASES	1,676,764	14,635,352	-	-
SALTED:						
BRINE SALTED . . . . .	1950	POUNDS	1,546,000	456,400	-	-
PICKLED IN VINEGAR AND SPICED	1950	DO	12,806,689	4,704,331	-	-
SMOKED:						
BLOATERS . . . . .	1950	DO	237,000	43,400	-	-
BONELESS . . . . .	1950	DO	448,083	136,282	-	-
KIPPERED AND UNCLASSIFIED . . . . .	1950	DO	297,710	74,005	-	-
HEAL . . . . .	1951	TONS	9,631	1,370,083	-	-
OIL . . . . .	1951	GALLONS	1,512,814	1,205,384	-	-
HOGCHOKER, SALTED . . . . .	1950	POUNDS	-	-	6,800	700
LAKE TROUT:						
FRESH FILLETS . . . . .	1951	DO	78,736	47,021	-	-
FROZEN FILLETS . . . . .	1951	DO	136,768	73,196	-	-
SMOKED . . . . .	1950	DO	604,000	367,950	36,200	22,665
LINGCOD:						
FRESH FILLETS . . . . .	1951	DO	287,582	70,232	-	-
FROZEN FILLETS . . . . .	1951	DO	919,546	253,475	-	-
MACKEREL:						
FRESH FILLETS . . . . .	1951	DO	500,556	128,503	-	-
FROZEN FILLETS . . . . .	1951	DO	314,948	84,215	-	-
CANNED . . . . .	1951	STANDARD CASES	1,048,518	6,259,224	-	-
SALTED . . . . .	1950	POUNDS	667,900	192,580	-	-
SMOKED . . . . .	1950	DO	242,535	93,100	-	-

SEE FOOTNOTES AT END OF TABLE.

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## MANUFACTURED FISHERY PRODUCTS - VARIOUS YEARS - Continued

ITEM			BY MANUFACTURING ESTABLISHMENTS		BY FISHERMEN	
	YEAR	UNIT	QUANTITY	VALUE	QUANTITY	VALUE
MENHADEN:						
SALTED . . . . .	1950	POUNDS	-	-	7,000	\$210
MEAL AND SCRAP . . . . .	1951	TONS	115,464	\$13,879,523	-	-
OIL . . . . .	1951	GALLONS	12,537,115	9,771,154	-	-
MOONEYE, SMOKED . . . . .	1950	POUNDS	4,400	1,540	50	25
MULLET:						
SALTED . . . . .	1950	DO	560,443	138,613	4,047	728
SMOKED . . . . .	1950	DO	6,184	1,706	-	-
OCEAN PERCH:						
FRESH FILLETS . . . . .	1951	DO	1,443,360	307,676	-	-
FROZEN FILLETS . . . . .	1951	DO	73,580,006	18,425,053	-	-
PADDOLEFISH OR SPOONBILL CAT, SMOKED	1950	DO	52,600	52,555	-	-
PIKE OR PICKEREL:						
FRESH FILLETS . . . . .	1951	DO	6,000	2,715	-	-
FROZEN FILLETS . . . . .	1951	DO	42,000	13,400	-	-
PILCHARDS:						
CANNED . . . . .	1951	STANDARD CASES	2,864,984	19,362,744	-	-
MEAL . . . . .	1951	TONS	17,225	2,266,968	-	-
OIL . . . . .	1951	GALLONS	1,942,586	1,545,937	-	-
POLLOCK:						
FRESH FILLETS . . . . .	1951	POUNDS	2,579,558	478,788	-	-
FROZEN FILLETS . . . . .	1951	DO	4,516,555	778,676	-	-
ROCKFISHES:						
FRESH FILLETS . . . . .	1951	DO	2,320,393	480,801	-	-
FROZEN FILLETS . . . . .	1951	DO	3,221,781	841,608	-	-
SABLEFISH:						
FROZEN FILLETS . . . . .	1951	DO	86,615	39,315	-	-
SALTED (ALASKA) . . . . .	1951	DO	89,883	5,941	-	-
SMOKED . . . . .	1950	DO	3,699,634	2,006,690	-	-
KIPPERED . . . . .	1950	DO	252,287	97,078	-	-
SALMON:						
FROZEN FILLETS . . . . .	1951	DO	368,461	201,751	-	-
FROZEN STEAKS . . . . .	1951	DO	1,692,831	898,231	-	-
CANNED:						
CHINOOK OR KING . . . . .	1951	STANDARD CASES	244,833	8,346,177	-	-
CHUM OR KETA . . . . .	1951	DO	981,524	15,309,823	-	-
PINK . . . . .	1951	DO	2,001,353	41,924,381	-	-
RED OR SOCKEYE . . . . .	1951	DO	936,120	30,716,052	-	-
SILVER . . . . .	1951	DO	466,881	11,859,821	-	-
STEELHEAD . . . . .	1951	DO	14,862	469,615	-	-
TOTAL CANNED SALMON . . . . .			4,645,573	108,625,869	-	-
SMOKED SALMON, CANNED . . . . .	1951	DO	492	30,480	-	-
EGGS FOR BAIT, CANNED . . . . .	1951	DO	13,093	381,000	-	-
SALTED:						
PICKLED (ALASKA) . . . . .	1951	POUNDS	233,363	94,237	-	-
MILD-CURED (ALASKA) . . . . .	1951	DO	4,054,133	1,725,896	-	-
MILD-CURED AND OTHER						
SALTED (U.S.) . . . . .	1950	DO	3,363,865	1,832,699	-	-
SMOKED (ALASKA) . . . . .	1951	DO	6,391	2,723	-	-
SMOKED, WHOLE AND FILLETS (U.S.)	1950	DO	11,157,890	8,888,215	-	-
KIPPERED, WHOLE AND FILLETS (U.S.)	1950	DO	1,789,133	1,128,418	-	-
MEAL . . . . .	1951	TONS	2,460	278,146	-	-
OIL . . . . .	1951	GALLONS	200,681	165,787	-	-
SAUGER:						
FRESH FILLETS . . . . .	1951	POUNDS	1,079,494	616,347	-	-
FROZEN FILLETS . . . . .	1951	DO	692,888	401,493	-	-
SCUP, FRESH FILLETS . . . . .	1951	DO	39,000	6,800	-	-
SEA BASS, FRESH FILLETS . . . . .	1951	DO	206,388	51,614	-	-
SEA TROUT, FRESH FILLETS . . . . .	1951	DO	54,651	14,080	-	-
SHAD:						
CANNED:						
NATURAL . . . . .	1951	STANDARD CASES	10,828	87,125	-	-
ROE, CANNED . . . . .	1951	DO	3,349	277,404	-	-
SMOKED . . . . .	1950	POUNDS	66,365	22,228	-	-
SHARK, LIVER OIL . . . . .	1951	GALLONS	75,878	632,199	-	-
SHEEPSHEAD:						
FRESH FILLETS . . . . .	1951	POUNDS	55,259	11,156	-	-
SMOKED . . . . .	1950	DO	350	135	-	-
SNAPPER, RED:						
FRESH FILLETS . . . . .	1951	DO	3,163	2,842	-	-
FROZEN FILLETS . . . . .	1951	DO	23,908	13,976	-	-
FRESH STEAKS . . . . .	1951	DO	22,615	13,175	-	-
SPANISH MACKEREL:						
FRESH FILLETS . . . . .	1951	DO	62,500	20,450	-	-
FROZEN FILLETS . . . . .	1951	DO	152,731	53,568	-	-
SPOT, SALTED . . . . .	1950	DO	17,580	2,812	8,500	1,250
STURGEON, SMOKED AND KIPPERED	1950	DO	605,567	601,920	17,000	42,500
SUCKERS:						
FROZEN FILLETS . . . . .	1951	DO	27,188	4,801	-	-
SMOKED . . . . .	1950	DO	-	-	8,300	2,525
TULLIBEE, SMOKED . . . . .	1950	DO	612,000	234,000	200	100

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

## GENERAL REVIEW

## MANUFACTURED FISHERY PRODUCTS - VARIOUS YEARS - Continued

ITEM	YEAR	UNIT	BY MANUFACTURING ESTABLISHMENTS		BY FISHERMEN		
			QUANTITY	VALUE	QUANTITY	VALUE	
TUNA AND TUNALIKE FISHES:							
CANNED:							
ALBACORE . . . . .	1951	STANDARD CASES	1,563,753	\$19,958,605	-	-	
YELLOWFIN $\frac{5}{8}$ . . . . .	1951	DO	4,070,995	48,365,425	-	-	
BLUEFIN $\frac{5}{8}$ . . . . .	1951	DO	71,922	797,817	-	-	
SKIPJACK . . . . .	1951	DO	2,126,800	25,238,212	-	-	
TONNO . . . . .	1951	DO	160,626	2,180,231	-	-	
MISCELLANEOUS SPECIES OF TUNA $\frac{7}{8}$ . . . . .	1951	DO	137,178	1,561,939	-	-	
BONITO . . . . .	1951	DO	14,469	134,364	-	-	
YELLOWTAIL . . . . .	1951	DO	90,982	809,613	-	-	
TOTAL TUNA AND TUNALIKE FISHES . . . . .			8,236,725	99,046,206	-	-	
OIL, LIVER . . . . .							
	1951	GALLONS	12,979	272,942	-	-	
WHITE BASS, FRESH FILLETS . . . . .	1951	POUNDS	18,610	8,044	-	-	
WHITEFISH, COMMON:							
FRESH FILLETS . . . . .	1951	DO	159,327	92,925	-	-	
FRESH FILLETS . . . . .	1950	DO	-	-	6,000	\$4,500	
FROZEN FILLETS . . . . .	1951	DO	206,594	112,445	-	-	
CAVIAR, CANNED . . . . .	1951	STANDARD CASES	1,358	63,626	-	-	
SALTED . . . . .	1950	POUNDS	-	-	2,000	900	
SMOKED . . . . .	1950	DO	3,507,554	2,192,233	44,725	27,375	
WHITEFISH, MENOMINEE, SMOKED . . . . .	1950	DO	18,500	11,330	9,200	5,615	
WHITING:							
FRESH FILLETS . . . . .	1951	DO	16,350	2,350	-	-	
FROZEN FILLETS . . . . .	1951	DO	5,626,818	843,178	-	-	
FROZEN, SPLIT "BUTTERFLY" . . . . .	1951	DO	3,070,614	492,239	-	-	
TOTAL PACKAGED WHITING . . . . .			8,713,782	1,337,767	-	-	
SMOKED . . . . .	1950	DO	281,000	94,350	-	-	
WOLFFISH:							
FRESH FILLETS . . . . .	1951	DO	31,061	7,684	-	-	
FROZEN FILLETS . . . . .	1951	DO	306,378	94,202	-	-	
YELLOW PERCH:							
FRESH FILLETS . . . . .	1951	DO	479,916	304,885	-	-	
FRESH FILLETS . . . . .	1950	DO	-	-	20,000	14,000	
FROZEN FILLETS . . . . .	1951	DO	99,948	64,172	-	-	
YELLOW PIKE:							
FRESH FILLETS . . . . .	1951	DO	872,234	570,895	-	-	
FRESH FILLETS . . . . .	1950	DO	-	-	25,000	17,500	
FROZEN FILLETS . . . . .	1951	DO	310,853	206,631	-	-	
CRABS:							
BLUE, HARD:							
FRESH OR FROZEN COOKED MEAT . . . . .	1950	DO	10,610,728	8,846,522	9,354	5,668	
CANNED . . . . .	1951	STANDARD CASES	59,081	1,239,837	-	-	
MEAL AND DRY SCRAP . . . . .	1951	TONS	9,553	550,288	-	-	
BLUE, SOFT, FROZEN . . . . .	1950	POUNDS	389,526	168,852	-	-	
DUNGENESS:							
FRESH OR FROZEN COOKED MEAT (ALASKA) . . . . .	1951	DO	331,682	351,385	-	-	
FRESH OR FROZEN COOKED MEAT (U.S.) . . . . .	1950	DO	1,374,656	1,292,839	-	-	
CANNED . . . . .	1951	STANDARD CASES	89,297	2,304,872	-	-	
MEAL AND DRY SCRAP . . . . .	1951	TONS	276	15,379	-	-	
KING:							
FROZEN, COOKED MEAT (ALASKA) . . . . .	1951	POUNDS	691,570	679,790	-	-	
CANNED . . . . .	1951	STANDARD CASES	56	1,344	-	-	
ROCK:							
FRESH COOKED MEAT . . . . .	1950	POUNDS	99,600	122,000	-	-	
CANNED . . . . .	1951	STANDARD CASES	1,511	40,505	-	-	
TANNER, FROZEN COOKED MEAT (ALASKA) . . . . .	1951	POUNDS	1,230	1,230	-	-	
MISCELLANEOUS SPECIES, CANNED							
SPECIALTIES (COCKTAILS, BISQUE, SOUP, CURRY, CREOLE, NEWBURG, PASTE, DEVILED, AND SOFT SHELL) . . . . .	1951	STANDARD CASES	3,909	106,932	-	-	
HORSESHOE CRAB, SALTED . . . . .	1950	POUNDS	-	-	1,100	100	
LOBSTERS, NORTHERN, FRESH COOKED MEAT . . . . .	1950	DO	953,050	2,165,752	-	-	
CRAWFISH BISQUE, CANNED . . . . .	1951	STANDARD CASES	993	21,856	-	-	
SHRIMP:							
PACKAGED, FROZEN (ALASKA) . . . . .	1951	POUNDS	~ 18,910	5,911	-	-	
PACKAGED, FROZEN (INCLUDING RAW PEELLED (U.S.)) . . . . .	1950	DO	46,137,632	24,483,426	-	-	
COOKED, PEELLED, FRESH AND FROZEN (ALASKA) . . . . .	1951	DO	~ 408,166	428,290	-	-	
COOKED, PEELLED, FRESH AND FROZEN (U.S.) . . . . .	1950	DO	1,062,365	1,531,509	-	-	
BREADED, FROZEN . . . . .	1950	DO	6,583,306	4,226,172	-	-	
CANNED, REGULAR WET PACK . . . . .	1951	STANDARD CASES	~ 871,171	12,187,049	-	-	
SPECIALTIES CANNED (COCKTAILS, PASTE, CAKES, SMOKED IN OIL, ASPIC, BISQUE, SOUP, CREOLE, AND NEWBURG)							
SALTED, DRIED AND PICKLED . . . . .	1950	POUNDS	8,864	175,550	-	-	
SMOKED . . . . .	1950	DO	145,377	124,947	-	-	
MEAL AND DRIED SCRAP . . . . .	1950	DO	3,915	9,508	12,000	15,000	
MEAL AND DRIED SCRAP . . . . .	1951	TONS	1,051	75,165	-	-	

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## MANUFACTURED FISHERY PRODUCTS - VARIOUS YEARS - Continued

ITEM			BY MANUFACTURING ESTABLISHMENTS		BY FISHERMEN	
	YEAR	UNIT	QUANTITY	VALUE	QUANTITY	VALUE
<b>CLAMS:</b>						
<b>HARD:</b>						
SHUCKED, FRESH AND FROZEN . . . . .	1950	GALLONS	212,858	\$863,498	2,322	\$6,433
CANNED (INCLUDES SURF, PISMO, AND COCKLES) WHOLE . . . . .	1951	STANDARD CASES	15,493	143,474	-	-
MINCED . . . . .	1951	DO	261,607	2,791,703	-	-
CHOWDER, JUICE, BROTH, BOUILLON, AND NECTAR . . . . .	1951	DO	868,248	5,588,237	-	-
<b>RAZOR:</b>						
SHUCKED, FROZEN (ALASKA) . . . . .	1951	POUNDS	9,156	1,374	-	-
CANNED, WHOLE AND MINCED . . . . .	1951	STANDARD CASES	55,097	1,048,516	-	-
<b>SOFT:</b>						
SHUCKED, FRESH . . . . .	1950	GALLONS	214,262	966,913	229,891	409,750
<b>CANNED:</b>						
WHOLE AND MINCED . . . . .	1951	STANDARD CASES	58,550	690,559	-	-
CHOWDER, JUICE, BROTH, BOUILLON, AND NECTAR . . . . .	1951	DO	242,613	1,511,420	-	-
SURF, FRESH-SHUCKED . . . . .	1950	GALLONS	235,968	467,560	-	-
<b>MUSSEL-SHELL PRODUCTS:</b>						
BUTTONS . . . . .	1951	GROSS	4,534,759	3,805,352	-	-
LIME, POULTRY GRIT, AND CUT SHELLS .	1951	TONS	2,289	40,309	-	-
<b>OYSTERS:</b>						
<b>EASTERN:</b>						
SHUCKED, FRESH AND FROZEN . . . . .	1950	GALLONS	6,253,285	32,167,345	19,704	81,970
FROZEN, BREADED . . . . .	1950	POUNDS	69,126	38,529	-	-
<b>CANNED:</b>						
NATURAL . . . . .	1951	STANDARD CASES	334,194	4,189,719	-	-
SPECIALTIES (BISQUE, SOUP, AND SMOKED) . . . . .	1951	DO	1,495	32,631	-	-
<b>SHELL PRODUCTS:</b>						
CRUSHED SHELL FOR POULTRY FEED .	1951	TONS	359,258	2,980,688	-	-
LIME, BURNED AND UNBURNED . . . . .	1951	DO	71,937	383,301	-	-
<b>PACIFIC:</b>						
SHUCKED, FRESH . . . . .	1950	GALLONS	602,610	2,192,706	-	-
<b>CANNED:</b>						
NATURAL . . . . .	1951	STANDARD CASES	132,140	1,741,557	-	-
SMOKED . . . . .	1951	DO	1,912	158,705	-	-
STEW AND COCKTAIL . . . . .	1951	DO	2,605	31,623	-	-
<b>SHELL PRODUCTS:</b>						
CRUSHED SHELL FOR POULTRY FEED .	1951	TONS	18,533	176,441	-	-
LIME, UNBURNED . . . . .	1951	DO	3,591	28,315	-	-
WESTERN AND KUMAMOTO, FRESH-SHUCKED	1950	GALLONS	15,929	324,422	-	-
<b>SCALLOPS, BAY, SHUCKED, FRESH AND</b>						
<b>FROZEN . . . . .</b>	1950	DO	17,263	81,178	-	-
SQUID, CANNED . . . . .	1951	STANDARD CASES	208,806	1,000,944	-	-
<b>TERRAPIN AND TURTLE, CANNED, (MEAT,</b>						
<b>SOUP, STEW, BARBECUE, AND CHILE</b>						
<b>CON CARNE) . . . . .</b>	1951	DO	26,127	279,195	-	-
<b>WHALE:</b>						
<b>MEAL:</b>						
BODY . . . . .	1951	TONS	85	10,000	-	-
BONE . . . . .	1951	DO	20	1,000	-	-
<b>OIL:</b>						
SPERM . . . . .	1951	GALLONS	50,000	37,500	-	-
OTHER . . . . .	1951	DO	18,500	12,700	-	-
<b>UNCLASSIFIED PRODUCTS:</b>						
<b>PACKAGED:</b>						
FISH, FRESH AND FROZEN, (FILLET'S AND STEAKS) 9/ . . . . .	1951	POUNDS	206,618	60,686	-	-
FISH AND SHELLFISH SPECIALTIES, FROZEN 9/ . . . . .	1950	DO	846,352	464,597	-	-
<b>CANNED:</b>						
FISH CAKES, GROUND FISH . . . . .	1951	STANDARD CASES	145,348	1,812,874	-	-
FISH FLAKES, GROUND FISH . . . . .	1951	DO	19,639	312,445	-	-
FISH PASTE AND SPREAD (ANCHOVY, HERRING, SALMON, AND TUNA) . . . . .	1951	DO	9,877	205,282	-	-
FISH ROE AND CAVIAR (DEEP SEA AND HERRING ROE; SALMON AND STURGEON CAVIAR) . . . . .	1951	DO	16,439	599,606	-	-
FISH SPECIALTIES (COD FOR BABY FOOD; HADDOCK CHOWDER, FISH CHOWDER, AND DEVILED FISH) . . . . .	1951	DO	20,853	226,355	-	-
FISH, SMOKED OR KIPPERED (SHAD, STURGEON, AND TUNA) . . . . .	1951	DO	205	11,550	-	-
<b>MISCELLANEOUS FISH (SALT COD, PACIFIC SEA HERRING, POLLOCK, WHITING, AND GROUND MENHADEN) . . . . .</b>						
	1951	DO	41,685	348,149	-	-
<b>MISCELLANEOUS SHELLFISH ITEMS 10/ . . . . .</b>						
	1951	DO	11,274	265,087	-	-
<b>ANIMAL FOOD . . . . .</b>						
	1951	DO	2,341,871	11,675,809	-	-
<b>SALTED, MISCELLANEOUS ITEMS 11/ . . . . .</b>						
	1950	POUNDS	793,566	242,918	-	-
<b>SMOKED FISH 12/ . . . . .</b>						
	1950	DO	1,370,429	408,080	-	-
<b>MEALS:</b>						
GROUND FISH (WHITE FISH), INCLUD- ING OCEAN PERCH . . . . .	1951	TONS	23,661	3,063,319	-	-
TUNA AND MACKEREL . . . . .	1951	DO	23,147	3,021,720	-	-

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

## MANUFACTURED FISHERY PRODUCTS - VARIOUS YEARS - Continued

ITEM	YEAR	UNIT	BY MANUFACTURING ESTABLISHMENTS		BY FISHERMEN	
			QUANTITY	VALUE	QUANTITY	VALUE
UNCLASSIFIED PRODUCTS-CONTINUED						
MEAL-CONTINUED						
FUR SEAL . . . . .	1951	TONS	351	\$39,318	-	-
MISCELLANEOUS MEAL AND SCRAP <sup>13/</sup>	1951	DO	6,832	802,988	-	-
OIL:						
BODY . . . . .						
FUR SEAL . . . . .	1951	GALLONS	39,867	36,997	-	-
TUNA AND HACKEREL . . . . .	1951	DO	712,620	525,552	-	-
MISCELLANEOUS <sup>14/</sup> . . . . .	1951	DO	858,551	743,285	-	-
LIVER AND VISCERA <sup>15/</sup> . . . . .	1951	DO	34,832	1,432,338	-	-
FISH SOLUBLES AND HOMOGENIZED						
CONDENSED FISH . . . . .	1951	POUNDS	100,727,715	4,128,356	-	-
GLUE . . . . .	1951	GALLONS	148,604	382,565	-	-
MARINE PEARL-SHELL BUTTONS . . . . .	1951	GROSS	4,665,285	7,714,846	-	-
OTHER BYPRODUCTS <sup>16/</sup> . . . . .	1951	-	-	7,675,314	-	-
GRAND TOTAL . . . . .				546,164,517	-	\$953,321

<sup>1/</sup> DATA ON THE PRODUCTION OF THE VARIOUS PRODUCTS ARE FOR THE YEARS INDICATED. <sup>2/</sup> INCLUDES A SMALL PRODUCTION OF ALEWIFE AND MENHADEN ROE. <sup>3/</sup> THIS ITEM IS USUALLY AN INTERMEDIATE PRODUCT AND ALTHOUGH INCLUDED IN THE TOTAL, MAY BE SHOWN IN THE FINAL STAGE OF PROCESSING ELSEWHERE IN THE TABLE. <sup>4/</sup> THIS ITEM HAS BEEN INCLUDED UNDER UNCLASSIFIED PRODUCTS. <sup>5/</sup> INCLUDES A SMALL PRODUCTION OF SKIPJACK. <sup>6/</sup> INCLUDES A SMALL PRODUCTION OF BIG-EYED TUNA. <sup>7/</sup> INCLUDES PACKS OF ALBACORE, BLUEFIN, LITTLE, AND YELLOWFIN TUNA PRODUCED ON THE ATLANTIC COAST. <sup>8/</sup> INCLUDES FRESH OR FROZEN FILLETS OF AMBERJACK, BLUEFISH, BUFFALOFISH, BUTTERFISH, KING HACKEREL, OCEAN POUT, PORGY, SHAD, STRIPED BASS, TILEFISH, WHITE PERCH, AND UNCLASSIFIED SPECIES; AND FROZEN STEAKS OF CABIO, DRUM, STRIPED BASS, SWORDFISH, TILEFISH, AND UNCLASSIFIED SPECIES. <sup>9/</sup> INCLUDES FROZEN ALEWIFE ROE; CODFISH CAKES; SHAD ROE; CREAMED TUNA; ABALONE PATTIES AND STEAKS; BLUE CRABS IN CAKES, PATTIES, BOBBED, DEVILED, AND STUFFED; SHRIMP STEW AND SHRIMP AND OKRA; CLAM CHOWDER; OYSTER STEW; BREADED SCALLOPS; TURTLE MEAT; FROG LEGS; SEAFOOD GUMBO; AND SEAFOOD DINNERS. <sup>10/</sup> INCLUDES CANNED LOBSTER BISQUE, SOUP, STEW, NEWBURG, AND THEMIDORI; CONCHS; CONCH CHILE AND CHOWDER; MUSSELS; FROG LEGS NEWBURG; CLAM CAKES AND BISQUE; SCALLOPS IN SAUCE; BOUILLABaisse; CREOLE GUMBO; AND SEAFOOD NEWBURG. <sup>11/</sup> INCLUDES SALTED ALEWIFE ROE, HAKE STRIPS, SEA HERRING ROE, LAKE TROUT, POLLOCK, SABLEFISH, SALMON EGGS, UNCLASSIFIED CAVIAR, AND SHARK LEATHER. <sup>12/</sup> INCLUDES SMOKED BLUEFISH, FINNAN HADDIE, HALIBUT, SMELT, SUCKERS, TUNA, WHITE PERCH, YELLOW PINE, AND UNCLASSIFIED FISH. <sup>13/</sup> INCLUDES MEAL AND DRY SCRAP OF ANCHOVY, HORSESHOE CRAB, AND UNCLASSIFIED SPECIES; COD LIVER PRESS CAKE; AND FISH POMACE. <sup>14/</sup> INCLUDES BODY OIL OF ANCHOVY, OCEAN PERCH, AND UNCLASSIFIED SPECIES. <sup>15/</sup> INCLUDES LIVER OIL FROM FLOUNDER, HAKE, HALIBUT, LINGCOD, POLLOCK, ROCKFISH, SABLEFISH, SWORDFISH, WHALE, AND UNCLASSIFIED SPECIES AND VISCERA OIL. <sup>16/</sup> INCLUDES AGAR-AGAR, ALGIN, AMINO ACIDS, IRISH MOSS EXTRACTIVES, ISINGLASS, KELP PRODUCTS, PEARL ESSENCE, 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 SHELLS WHICH ARE NOT INCLUDED IN THE CATCH STATISTICS FOR THESE SHELLFISH.

## SUMMARY OF MANUFACTURED FISHERY PRODUCTS - VARIOUS YEARS

ITEM	UNIT	BY MANUFACTURING ESTABLISHMENTS		BY FISHERMEN	
		QUANTITY	VALUE	QUANTITY	VALUE
SUMMARY, 1951					
PACKAGED PRODUCTS:					
FISH, FRESH OR FROZEN (FILLETS, STEAKS, ETC.)	POUNDS	205,495,433	\$59,468,925	-	-
SHELLFISH, FRESH OR FROZEN (ALASKA)	DO	1,460,734	1,467,980	-	-
CANNED:					
FISH, (INC. ROE AND ANIMAL FOOD)	DO	726,040,251	265,658,980	-	-
SHELLFISH	DO	74,474,484	35,551,315	-	-
TOTAL CANNED FISH AND SHELLFISH		800,514,735	301,210,295	-	-
CURED FISH:					
SALTED (ALASKA)	DO	4,377,379	1,826,074	-	-
SMOKEO (ALASKA)	DO	6,391	2,723	-	-
BY PRODUCTS:					
MEAL AND SCRAP	DO	419,512,000	25,373,897	-	-
OIL	DO	139,554,443	16,623,643	-	-
FISH SOLUBLES AND HOMOGENIZED CONDENSED FISH	DO	100,727,715	4,128,356	-	-
SHELL PRODUCTS (LIME, POULTRY GRIT, AND CUT SHELLS)	DO	911,216,000	3,609,054	-	-
BUTTONS, MUSSEL, AND OCEAN PEARL SHELL	GROSS	9,200,044	11,520,198	-	-
OTHER	-	-	8,057,879	-	-
TOTAL BYPRODUCTS		-	69,313,027	-	-
TOTAL - 1951		-	433,309,024	-	-
SUMMARY, 1950					
PACKAGED PRODUCTS:					
FISH, FRESH FILLETS	POUNDS	-	-	124,000	\$83,500
SHELLFISH, FRESH OR FROZEN (U.S.)	DO	133,477,290	80,043,330	2,213,632	503,821
SPECIALTIES OF FISH AND SHELLFISH FROZEN (U.S.)	DO	730,582	360,490	-	-
CURED FISH AND SHELLFISH:					
SALTED AND PICKLED (U.S.)	DO	43,347,663	11,137,463	829,547	69,925
SMOKED AND KIPPERED (U.S.)	DO	35,614,308	21,314,229	483,785	296,075
TOTAL - 1950		213,169,843	112,655,493	3,650,964	953,321
GRAND TOTAL		-	546,164,517	3,650,964	953,321

## CANNED FISHERY PRODUCTS AND BYPRODUCTS

The pack of canned fishery products in the United States and Alaska in 1951 amounted to 800,515,000 pounds, valued at \$301,210,300 to the packers. This was a decrease of 17 percent in volume and 9 percent in value compared with the 1950 production. These decreases resulted principally from smaller packs of tuna and California and Maine sardines. Canned fishery products were packed in 473 plants in 21 states and Alaska during 1951. California led in the production of canned fishery products with a pack of 388,296,000 pounds, valued at \$122,572,400. Alaska was second with 168,439,000 pounds, valued at \$80,748,100. These areas accounted for 70 percent of the volume of the 1951 pack and 68 percent of its value.

The quantity of canned tuna and tunalike fishes produced, amounted to 8,237,000 cases (157,326,000 pounds), valued at \$99,046,200 and was 779,800 cases less than the 1950 production. Cannery received \$13,800,000 less for the tuna pack than in the previous year. The tuna boats were held in port toward the end of the year because of an oversupply of fish, caused by heavy landings early in the season and increased imports of frozen tuna, as well as a heavy carryover from the 1950 season.

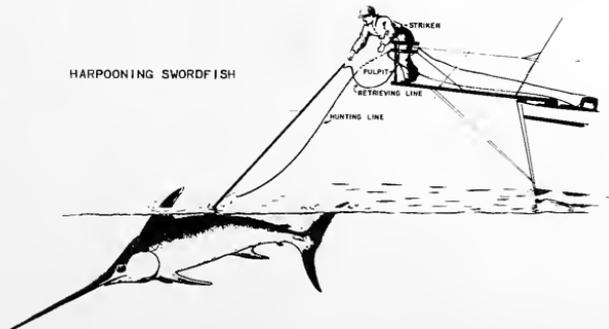
The 1951 pack of canned salmon amounted to 4,646,000 standard cases (222,988,000 pounds), valued at \$108,625,900 to the canners. Compared with 1950 this was an increase of 8 percent in volume, but a decrease of 1 percent in value. The pack was the fourth most valuable in history.

The 1951 production of canned California sardines (pilchards) amounted to 2,865,000 standard cases, (128,924,000 pounds), valued at \$19,362,700. Compared with the previous year, this was a decrease of 44 percent in volume and 27 percent in value.

The pack of Maine sardines amounted to 1,677,000 cases (34,038,000 pounds), valued at \$14,635,000 to the packers. Compared with the previous year, this was a decrease of 56 percent in volume and 31 percent in value. The fish were very small during the year causing a great reduction in the total poundage caught.

The 1951 production of fishery byproducts in the United States and Alaska was valued at \$69,313,000 -- 10 percent less than in the previous year. The 1951 production of fish and marine animal scrap amounted to 209,800 tons, valued at \$25,373,900 to the producers. This was a decrease of over 30,000 tons in volume and \$3,879,800 in value compared with the previous year. The production of marine animal oils in the United States and Alaska during the year amounted to 18,172,308 gallons, valued at \$16,623,600 to the producers. This was a decrease of 16 percent in volume, and 5 percent in value compared with 1950. Other important byproducts produced during the year were marine pearl-shell buttons and oyster and fresh-water shell products, valued at \$15,129,300; and fish solubles valued at \$4,128,400. Byproducts were produced in 275 plants in 24 states and Alaska during 1951.

The following data have been previously published in Current Fishery Statistics No. 772.



## GENERAL REVIEW

## SUMMARY OF PRODUCTION, BY COMMODITIES, 1951

PRODUCT	NUMBER OF PLANTS	STANDARD CASES	POUNDS PER CASE	POUNDS	VALUE
<b>CANNED PRODUCTS:</b>					
<b>SALMON:</b>					
UNITED STATES . . . . .	49	1,161,274	48	55,741,152	\$29,388,514
ALASKA . . . . .	122	3,484,299	48	167,246,352	79,237,355
TOTAL SALMON . . . . .	171	4,645,573		222,987,504	108,625,869
<b>SARDINES:</b>					
MAINE . . . . .	48	1,676,764	20.3	34,038,309	14,635,352
CALIFORNIA . . . . .	42	2,864,984	45	128,924,280	19,362,744
<b>TUNA AND TUNALIKE FISHES:</b>					
<b>TUNA:</b>					
SOLID . . . . .	46	3,000,911	21	63,019,131	41,354,491
FLAKES, CHUNKS, AND GRATED . . . . .	45	5,130,363	18	92,346,534	56,747,738
TOTAL TUNA . . . . .	3/ 47	8,131,274		155,365,665	98,102,229
<b>TUNALIKE FISHES:</b>					
SOLID . . . . .	12	20,893	21	438,753	184,219
FLAKES, CHUNKS, AND GRATED . . . . .	18	84,558	18	1,522,044	759,758
TOTAL TUNALIKE FISHES . . . . .	3/ 19	105,451		1,960,797	943,977
TOTAL TUNA AND TUNALIKE FISHES . . . . .	3/ 47	8,236,725		157,326,462	99,046,206
<b>ALEWIVES . . . . .</b>					
	21	127,760	45	5,749,200	604,314
<b>ANCHOVIES . . . . .</b>					
	4	41,055	48	1,970,640	489,062
<b>MACKEREL . . . . .</b>					
	39	1,048,518	45	47,183,310	6,259,224
<b>SALMON, SMOKED . . . . .</b>					
	8	492	48	23,616	30,480
<b>SHAD, NATURAL . . . . .</b>					
	9	10,828	45	487,260	87,125
<b>SHAD, STURGEON, AND TUNA, SMOKED . . . . .</b>					
	4	205	48	9,240	11,550
<b>FISH ANIMAL FOOD . . . . .</b>					
	23	2,341,871	48	112,409,808	11,675,809
<b>FISH CAKES . . . . .</b>					
	4	145,348	48	6,976,704	1,812,874
<b>FISH FLAKES, GROUND/FISH . . . . .</b>					
	5	19,639	42	824,838	312,445
<b>FISH PASTE AND SPREAD . . . . .</b>					
	5	9,677	48	474,096	205,282
<b>FISH MISCELLANEOUS . . . . .</b>					
	7	62,538	48	3,001,824	574,504
<b>ROE AND CAVIAR . . . . .</b>					
	53	76,095	48	3,652,560	1,926,140
TOTAL FISH . . . . .		21,308,272		726,040,251	265,658,980
<b>CLAM PRODUCTS:</b>					
CLAM AND MINCED . . . . .	41	390,747	15	1/5,861,205	4,674,252
CHOWDER . . . . .	12	1,068,607	30	1/32,058,210	6,944,722
JUICE, BROTH, AND NECTAR . . . . .	12	42,254	30	1/1,267,620	154,935
TOTAL CLAM PRODUCTS . . . . .	3/ 48	1,501,608		39,187,035	11,773,909
<b>CRAB MEAT, NATURAL . . . . .</b>					
	51	149,945	19.5	2,923,928	3,586,558
<b>CRABS, MISCELLANEOUS SPECIALTIES . . . . .</b>					
	12	3,909	48	187,632	106,932
<b>LOBSTER SOUPS, STEWS, AND THERMIDOR . . . . .</b>					
	4	4,809	48	230,832	126,877
<b>OYSTERS:</b>					
NATURAL . . . . .	46	466,334	14	2/6,528,676	5,931,276
SMOKED . . . . .	6	1,925	48	92,400	161,037
SOUP, STEW, AND COCKTAILS . . . . .	10	4,087	48	196,176	61,922
<b>SHRIMP:</b>					
WET PACK . . . . .	45	871,171	15	2/13,067,565	12,187,049
MISCELLANEOUS SPECIALTIES . . . . .	14	8,864	48	425,472	175,550
<b>SQUID . . . . .</b>					
	14	208,806	48	10,022,698	1,000,944
<b>TERRAPIN AND TURTLE MEAT, SOUPS, AND STEWS . . . . .</b>					
	10	26,127	48	1,254,096	279,195
<b>MISCELLANEOUS SHELLFISH SPECIALTIES . . . . .</b>					
	10	7,458	48	357,984	160,066
TOTAL SHELLFISH . . . . .		3,255,043		74,474,484	35,551,315
TOTAL CANNED FISH AND SHELLFISH . . . . .	3/ 473	24,563,315		800,514,735	301,210,295
<b>BYPRODUCTS:</b>					
MARINE-ANIMAL SCRAP AND MEAL . . . . .	180		TONS	209,756	\$25,373,897
<b>MARINE-ANIMAL OILS:</b>					
BODY OIL . . . . .	119		GALLONS	17,872,734	14,044,296
LIVER AND VISCERA OIL . . . . .	15		GALLONS	299,575	2,579,347
MARINE PEARL-SHELL BUTTONS . . . . .	24		GROSS	4,665,285	7,714,846
MUSSEL-SHELL PRODUCTS (FRESH-WATER) . . . . .	15			-	3,845,661
OYSTER-SHELL PRODUCTS . . . . .	24		TONS	453,319	3,568,745
GLUE, LIQUID . . . . .	4		GALLONS	148,604	382,565
FISH SOLUBLES AND HOMOGENIZED CONDENSED FISH . . . . .	36		POUNDS	100,727,715	4,128,356
MISCELLANEOUS BYPRODUCTS . . . . .	17			-	7,675,314
TOTAL BYPRODUCTS . . . . .	3/ 275			-	69,313,027
GRAND TOTAL . . . . .	3/ 685			-	370,523,322

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 BYPRODUCTS BY INDIVIDUAL COMMODITIES MAY BE OBTAINED FROM THE FISH AND WILDLIFE SERVICE, WASHINGTON 25, D.C.

## SUMMARY OF PRODUCTION, BY STATES, 1951

STATE	CANNED		BYPRODUCTS	TOTAL
	POUNDS	VALUE	VALUE	VALUE
MAINE . . . . .	70,925,085	\$ 20,844,369	\$ 3,006,784	\$ 23,851,153
MASSACHUSETTS, CONNECTICUT, RHODE ISLAND . . . . .	38,602,223	5,139,723	7,486,216	12,625,939
NEW YORK . . . . .	2,914,980	1,551,660	4,489,887	6,041,547
NEW JERSEY, PENNSYLVANIA, DELAWARE . . . . .	25,469,232	7,015,562	10,585,587	17,601,149
MARYLAND . . . . .	5,821,518	1,614,563	2,506,938	4,121,501
VIRGINIA . . . . .	4,975,116	678,586	3,080,351	3,758,937
NORTH CAROLINA . . . . .	806,474	587,990	1,962,940	2,550,930
SOUTH CAROLINA, GEORGIA . . . . .	1,703,035	1,686,261	113,442	1,799,703
FLORIDA, ALABAMA . . . . .	1,103,350	1,062,414	2,433,692	3,516,106
MISSISSIPPI . . . . .	3,874,201	3,735,095	2,831,295	6,566,390
LOUISIANA . . . . .	12,686,003	11,055,683	6,824,003	17,879,686
TEXAS . . . . .	-	-	1,557,691	1,557,691
OHIO, WISCONSIN, MINNESOTA, MISSOURI . . . . .	798,576	151,369	65,986	217,355
IOWA . . . . .	-	-	3,523,602	3,523,602
WASHINGTON . . . . .	53,085,399	27,312,377	1,715,196	29,027,573
OREGON . . . . .	21,014,046	15,454,209	294,502	15,748,711
CALIFORNIA . . . . .	388,296,199	122,572,382	14,591,958	137,164,340
ALASKA . . . . .	168,439,298	80,748,052	2,222,957	82,971,009
TOTAL . . . . .	800,514,735	301,210,295	69,313,027	370,523,322

## FACTORS USED TO CONVERT STANDARD CASES TO POUNDS

PRODUCT	PRIOR TO 1938	1939 AND 1940	1941	1942	1943	1944 TO 1947	1948 TO 1951
	POUNDS PER CASE						
SARDINES:							
MAINE . . . . .	25	25	25	20.3	20.3	20.3	20.3
CALIFORNIA . . . . .	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	48	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 CANNED FISHERY PRODUCTS BULLETINS FOR THE YEARS INDICATED. THE CASES SHOWN FOR ALL YEARS LISTED IN THE HISTORICAL SECTION ON PAGE 17 REPRESENT THE SAME SIZED CASES REPORTED FOR 1951.

## PLANTS PRODUCING CANNED FISHERY PRODUCTS AND BYPRODUCTS, 1951

STATE	CANNED PRODUCTS	BYPRODUCTS	TOTAL PLANTS, EXCLUSIVE OF DUPLICATION	STATE	CANNED PRODUCTS	BYPRODUCTS	TOTAL PLANTS, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER		NUMBER	NUMBER	NUMBER
NEW ENGLAND:				S. ATLANTIC AND GULF - CONT'D.			
MAINE . . . . .	55	17	66	ALABAMA . . . . .	3	1	4
MASSACHUSETTS . . . . .	13	13	23	MISSISSIPPI . . . . .	18	5	23
CONNECTICUT . . . . .	1	4	4	LOUISIANA . . . . .	34	35	67
RHODE ISLAND . . . . .	1	1	2	TEXAS . . . . .	-	4	4
TOTAL . . . . .	70	35	95	TOTAL . . . . .	77	74	146
MIDDLE ATLANTIC:				GREAT LAKES AND MISS. RIVER:			
NEW YORK . . . . .	8	8	16	OHIO . . . . .	1	-	1
NEW JERSEY . . . . .	4	19	23	WISCONSIN . . . . .	1	-	1
PENNSYLVANIA . . . . .	1	6	7	MINNESOTA . . . . .	-	1	1
DELAWARE . . . . .	-	2	2	MISSOURI . . . . .	-	1	1
TOTAL . . . . .	13	35	48	IOWA . . . . .	-	11	11
CHESAPEAKE BAY:				TOTAL . . . . .	2	13	15
MARYLAND . . . . .	10	9	18	PACIFIC COAST:			
VIRGINIA . . . . .	14	15	27	WASHINGTON . . . . .	60	10	70
TOTAL . . . . .	24	24	45	OREGON . . . . .	27	7	30
S. ATLANTIC & GULF:				CALIFORNIA . . . . .	63	61	85
NORTH CAROLINA . . . . .	12	21	31	TOTAL . . . . .	150	78	185
SOUTH CAROLINA . . . . .	5	2	6	ALASKA . . . . .	13	16	151
GEORGIA . . . . .	2	1	3	GRAND TOTAL . . . . .	473	275	685
FLORIDA . . . . .	3	5	8				

## GENERAL REVIEW

## PACK OF CANNED SALMON, 1951

SPECIES AND CAN SIZE	ALASKA													
	SOUTHEASTERN				CENTRAL				WESTERN				TOTAL	
	CASES	VALUE	CASES	VALUE	CASES	VALUE	CASES	VALUE	CASES	VALUE	CASES	VALUE	CASES	VALUE
CHINOOK OR KING:														
1-POUND TALL . . . . .	623	\$16,001	51,428	\$1,338,628	4,140	\$114,005	56,191	\$1,468,634						
1-POUND FLAT . . . . .	-	751	23,281	23,281	90	2,628	841	25,909						
1/2-POUND FLAT . . . . .	-	475	19,459	671,642	11,030	319,624	30,502	991,841						
20 OUNCES . . . . .	-	-	-	-	68	1,962	68	1,962						
TOTAL . . . . .	636	16,476	71,638	2,033,551	15,328	438,319	87,602	2,486,346						
CHUM OR KETA:														
1-POUND TALL . . . . .	451,474	7,175,247	217,818	2,807,528	21,877	372,805	691,169	10,355,580						
1-POUND FLAT . . . . .	-	24	24	552	-	-	24	552						
1/2-POUND FLAT . . . . .	14,666	289,501	9,790	203,331	3,644	73,089	28,120	565,921						
4-POUNDS . . . . .	174	3,306	-	-	-	-	174	3,306						
TOTAL . . . . .	456,334	7,468,054	227,632	3,011,411	25,521	445,894	719,487	10,925,359						
PINK:														
1-POUND TALL . . . . .	1,175,696	24,288,714	311,971	6,430,868	75	1,650	1,487,742	30,721,232						
1-POUND FLAT . . . . .	-	-	7	150	-	-	7	150						
1/2-POUND FLAT . . . . .	50,801	1,265,293	21,113	516,626	-	-	71,914	1,781,919						
4-POUNDS . . . . .	85	1,785	-	-	-	-	85	1,785						
TOTAL . . . . .	1,226,582	25,555,792	333,091	6,947,644	75	1,650	1,559,748	32,505,086						
RED OR SOCKEYE:														
1-POUND TALL . . . . .	44,914	1,338,140	236,070	6,984,054	361,302	9,423,887	583,296	17,746,091						
1-POUND FLAT . . . . .	-	-	6,067	37,802	37,802	455,271	20,865	688,510						
1/2-POUND FLAT . . . . .	24,039	870,882	119,414	4,569,817	24,488	883,934	167,941	6,124,633						
4-POUNDS . . . . .	1,364	43,648	9	235	-	-	1,373	43,883						
TOTAL . . . . .	70,317	2,252,670	362,554	11,987,345	339,592	10,763,092	772,463	24,603,107						
SILVER OR COHO:														
1-POUND TALL . . . . .	198,719	4,799,665	62,523	1,507,351	3,980	110,650	265,222	6,417,666						
1-POUND FLAT . . . . .	-	-	119	3,094	-	-	119	3,094						
1/2-POUND FLAT . . . . .	64,765	1,920,089	4,985	140,230	4,023	99,693	73,733	2,160,912						
4-POUNDS . . . . .	64,909	22,725	4,976	111,960	-	-	5,865	134,685						
TOTAL . . . . .	264,393	6,742,479	72,603	1,762,635	8,003	210,343	344,999	8,715,457						
GRAND TOTAL . . . . .	2,028,262	42,035,471	1,067,518	25,342,386	368,519	11,859,298	3,484,299	79,237,355						

PACK OF CANNED SALMON, 1951 - Continued

SPECIES AND CAN SIZE	WASHINGTON		OREGON <sup>1/</sup>		TOTAL UNITED STATES		GRAND TOTAL UNITED STATES & ALASKA	
	CASES	VALUE	CASES	VALUE	CASES	VALUE	CASES	VALUE
CHINOOK OR KING:								
1-POUND TALL . . . . .	9,633	\$209,159	6,861	\$140,053	16,494	\$349,212	72,685	\$1,817,846
1-POUND FLAT . . . . .	5,823	193,576	10,923	183,576	16,846	377,152	57,000	967,000
1/2-POUND FLAT . . . . .	27,484	1,011,536	4,424	113,071	31,908	1,124,607	161,984	6,183,053
1/4-POUND FLAT . . . . .	-	-	2,424	113,071	2,424	113,071	2,424	113,071
OTHER . . . . .	8	138	-	-	8	138	76	2,100
TOTAL . . . . .	37,125	1,220,893	120,106	4,636,998	157,231	5,857,891	244,833	8,346,177
CHUM OR KETA:								
1-POUND TALL . . . . .	224,668	3,614,304	8,117	133,137	232,785	3,747,441	923,954	14,103,021
1-POUND FLAT . . . . .	-	-	-	-	-	-	24	552
1/2-POUND FLAT . . . . .	9,776	194,423	1,361	26,305	11,137	220,728	39,257	786,649
OTHER . . . . .	18,115	416,295	-	-	18,115	416,295	18,289	419,601
TOTAL . . . . .	252,559	4,225,022	9,478	159,442	262,037	4,384,464	981,524	15,309,823
PINK:								
1-POUND TALL . . . . .	357,708	7,381,223	-	-	2,357,708	2,381,223	1,845,450	38,102,455
1-POUND FLAT . . . . .	79,209	1,945,250	-	-	79,209	1,945,250	151,123	3,727,169
1/2-POUND FLAT . . . . .	4,688	92,822	-	-	4,688	92,822	4,773	94,607
OTHER . . . . .	441,505	9,419,295	-	-	441,505	9,419,295	2,001,353	41,924,381
TOTAL . . . . .	1,623	95,334	-	-	1,623	95,334	584,109	17,801,415
RED OR SOCKEYE:								
1-POUND TALL . . . . .	155,119	5,765,527	1,009	42,484	156,128	5,808,011	20,063	638,510
1-POUND FLAT . . . . .	194	183,778	1,262	56,536	5,456	240,314	3,066	11,245,314
1/2-POUND FLAT . . . . .	290	9,286	-	-	290	9,286	5,456	240,314
OTHER . . . . .	161,366	6,013,925	2,271	99,020	163,637	6,112,945	1,623	53,169
TOTAL . . . . .	2,69,540	2,1,653,810	2,6,377	2,159,814	2,75,917	2,1,813,624	341,139	8,231,290
SILVER OR CONO:								
1-POUND TALL . . . . .	25,514	694,848	8,433	248,377	33,947	943,225	107,720	3,103,237
1-POUND FLAT . . . . .	3,058	57,683	7,188	246,339	8,960	304,022	8,960	304,022
1/2-POUND FLAT . . . . .	99,884	2,489,834	21,998	654,530	121,882	3,144,364	8,943	218,178
OTHER . . . . .	-	-	-	-	-	-	466,881	11,959,821
TOTAL . . . . .	-	-	2,3,128	2,86,294	2,3,128	2,86,294	3,128	66,294
STEELHEAD:								
1-POUND TALL . . . . .	-	-	7,602	241,041	7,602	241,041	7,602	241,041
1-POUND FLAT . . . . .	-	-	4,132	142,280	4,132	142,280	4,132	142,280
1/2-POUND FLAT . . . . .	-	-	14,862	469,615	14,862	469,615	14,862	469,615
OTHER . . . . .	992,559	23,368,909	168,715	6,019,605	1,161,274	29,388,514	4,645,573	108,625,869
TOTAL . . . . .								

<sup>1/</sup> INCLUDES A SMALL PACK IN CALIFORNIA.

NOTE:---"STANDARD CASES" REPRESENT THE VARIOUS SIZED CASES CONVERTED TO THE EQUIVALENT OF FORTY-EIGHT 1-POUND CANS, EACH CONTAINING 16 OUNCES OF SALMON. SALMON WERE CANNED IN 34 PLANTS IN WASHINGTON, 12 IN OREGON, 3 IN CALIFORNIA, AND 122 IN ALASKA.

## GENERAL REVIEW

## PACIFIC COAST STATES SALMON PACK, BY DISTRICTS, 1951

SPECIES	PUGET SOUND		COLUMBIA RIVER		COASTAL		TOTAL	
	CASES	VALUE	CASES	VALUE	CASES	VALUE	CASES	VALUE
CHINDOK OR KING. . . . .	11,275	\$281,794	143,046	\$5,497,305	2,910	\$78,732	157,231	\$5,857,831
CHUM OR KETA . . . . .	233,468	3,922,457	11,566	192,850	17,003	269,157	262,037	4,384,464
PINK . . . . .	441,605	9,419,295	-	-	-	-	441,605	9,419,295
RED OR SOCKEYE . . . . .	156,461	5,815,837	4,552	186,543	2,644	110,565	163,657	6,112,945
SILVER OR COHO . . . . .	86,511	2,200,801	-	841,234	4,272	102,329	121,882	3,144,364
STEELHEAD. . . . .	-	-	14,862	469,615	-	-	14,862	469,615
TOTAL . . . . .	931,320	21,640,184	203,125	7,187,547	26,829	560,783	1,161,274	29,388,514

## PACK OF MAINE SARDINES, INCLUDING SEA HERRING, 1951

STYLE OF PACK	STANDARD CASES	VALUE	CAN AND CASE SIZES	ACTUAL CASES	VALUE
NATURAL . . . . .	61,811	\$184,562	3-1/4 OUNCES NET (100 CANS) . .	1,555,029	\$14,141,807
IN SOYBEAN OR OTHER VEGETABLE OIL . . . . .	1,358,146	12,338,953	10 OUNCES NET (48 CANS) . . . .	36,105	283,299
IN MUSTARD SAUCE . . . . .	204,907	1,682,039	15 OUNCES NET (48 CANS) . . . .	30,307	202,364
IN OLIVE OIL . . . . .	19,813	207,251	OTHER SIZES (CONVERTED TO 3-1/4 OUNCES NET) (100 CANS) .	1,270	7,882
KIPPERED . . . . .	16,911	106,709			
OTHER 1/2 . . . . .	15,176	115,838			
TOTAL . . . . .	1,676,764	14,635,352	TOTAL . . . . .	1,622,711	14,635,352

1/2 INCLUDES SPECIAL PACKS OF SARDINES (INCLUDING SEA HERRING) IN COTTONSEED OIL, PEANUT OIL, TOMATO SAUCE, AND BONELESS FILLETS IN SOYBEAN OR OTHER VEGETABLE 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 (INCLUDING SEA HERRING) WERE CANNED IN 45 PLANTS IN MAINE AND 3 IN MASSACHUSETTS.

## PACK OF CALIFORNIA SARDINES (PILCHARDS), 1951

STYLE OF PACK	STANDARD CASES	VALUE	CAN AND CASE SIZES	ACTUAL CASES	VALUE
NATURAL, WITHOUT SAUCE OR OIL . . . . .	947,550	\$4,934,060	1-POUND CANS: 15 OUNCES NET, OVAL (48 CANS) .	1,429,018	\$10,198,404
IN TOMATO SAUCE . . . . .	1,788,094	13,289,027	15 OUNCES NET, TALL (48 CANS) .	1,044,467	5,381,700
IN MUSTARD SAUCE . . . . .	85,993	506,991	8 OUNCES NET (48 CANS) . . . . .	140,817	713,653
OTHER 1/2 . . . . .	43,347	632,666	5 OUNCES NET (48 CANS) . . . . .	457,478	3,024,021
TOTAL . . . . .	2,864,984	19,362,744	OTHER SIZES, CONVERTED TO 15 OUNCES NET (48 CANS) . . . .	3,398	44,966
			TOTAL . . . . .	3,075,178	19,362,744

1/2 INCLUDES SPECIAL PACKS OF SARDINES (PILCHARDS) IN SOYBEAN OIL; IN TOMATO SAUCE AND OLIVE OIL; FILLETS WITHOUT SAUCE OR OIL AND FILLETS IN SOYBEAN OIL; IN TOMATO SAUCE; SKINLESS AND BONELESS IN OLIVE OIL.

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZED CASES CONVERTED TO THE UNIFORM BASIS OF FORTY-EIGHT 1-POUND OVAL CANS (15 OUNCES NET). SARDINES (PILCHARDS) WERE CANNED IN 42 PLANTS IN CALIFORNIA.

## PACK OF CANNED ALEWIVES, 1951

STATE	CASES	VALUE
MARYLAND . . . . .	61,147	\$294,654
VIRGINIA . . . . .	64,860	300,152
NORTH CAROLINA AND MAINE . . . . .	1,753	9,508
TOTAL . . . . .	127,760	604,314

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 5 PLANTS IN MARYLAND, 12 IN VIRGINIA, 3 IN NORTH CAROLINA, AND 1 IN MAINE.

# GENERAL REVIEW

## PACK OF TUNA AND TUNALIKE FISHES, 1951

SPECIES	CALIFORNIA		WASHINGTON AND OREGON		ATLANTIC COAST		TOTAL	
	CASES	VALUE	CASES	VALUE	CASES	VALUE	CASES	VALUE
<b>TUNA:</b>								
<b>ALBACORE:</b>								
SOLID PACK . . .	752,712	\$10,125,137	281,190	\$4,378,486	-	-	1,033,902	\$14,503,623
FLAKES, CHUNKS, AND GRATED . . .	418,770	4,337,279	111,081	1,117,703	-	-	529,851	5,454,982
TOTAL . . . . .	1,171,482	14,462,416	392,271	5,496,189	-	-	1,563,753	19,956,605
<b>YELLOWFIN: 1/</b>								
SOLID PACK . . .	1,165,864	16,019,072	63,794	925,878	-	-	1,229,658	16,944,950
FLAKES, CHUNKS, AND GRATED . . .	2,652,170	29,188,579	189,167	2,231,896	-	-	2,841,337	31,420,475
TOTAL . . . . .	3,818,034	45,207,651	252,961	3,157,774	-	-	4,070,995	48,365,425
<b>BLUEFIN: 2/</b>								
SOLID PACK . . .	20,067	251,215	-	-	-	-	20,067	251,215
FLAKES, CHUNKS, AND GRATED . . .	51,855	546,602	-	-	-	-	51,855	546,602
TOTAL . . . . .	71,922	797,817	-	-	-	-	71,922	797,817
<b>SKIPJACK:</b>								
SOLID PACK . . .	469,702	6,416,778	(1)	(1)	-	-	469,702	6,416,778
FLAKES, CHUNKS, AND GRATED . . .	1,657,098	18,821,434	(1)	(1)	-	-	1,657,098	18,821,434
TOTAL . . . . .	2,126,800	25,238,212	(1)	(1)	-	-	2,126,800	25,238,212
TONNO, SOLID PACK	160,626	2,180,231	-	-	-	-	160,626	2,180,231
<b>MISCELLANEOUS: 3/</b>								
SOLID PACK . . .	-	-	-	-	86,956	\$1,057,694	86,956	1,057,694
FLAKES, CHUNKS, AND GRATED . . .	-	-	-	-	50,222	504,245	50,222	504,245
TOTAL . . . . .	-	-	-	-	137,178	1,561,939	137,178	1,561,939
TOTAL TUNA . . .	7,348,864	87,886,327	645,232	8,653,963	137,178	1,561,939	8,131,274	98,102,229
<b>TUNALIKE FISHES:</b>								
<b>BONITO:</b>								
SOLID PACK . . .	8,986	80,085	-	-	-	-	8,986	80,085
FLAKES, CHUNKS, AND GRATED . . .	5,483	54,279	-	-	-	-	5,483	54,279
TOTAL . . . . .	14,469	134,364	-	-	-	-	14,469	134,364
<b>YELLOWTAIL:</b>								
SOLID PACK . . .	11,907	104,134	-	-	-	-	11,907	104,134
FLAKES, CHUNKS, AND GRATED . . .	79,075	705,479	-	-	-	-	79,075	705,479
TOTAL . . . . .	90,982	809,613	-	-	-	-	90,982	809,613
TOTAL TUNALIKE FISHES . . .	105,451	943,977	-	-	-	-	105,451	943,977
GRAND TOTAL TUNA AND TUNALIKE FISHES . . .	7,454,315	88,830,304	645,232	8,653,963	137,178	1,561,939	8,236,725	99,046,206

1/ A SMALL PRODUCTION OF SKIPJACK HAS BEEN INCLUDED WITH THE YELLOWFIN PRODUCTION IN WASHINGTON AND OREGON.  
 2/ A SMALL PRODUCTION OF BIG-EYED TUNA HAS BEEN INCLUDED WITH THE BLUEFIN PRODUCTION IN CALIFORNIA.  
 3/ INCLUDES PACKS OF ALBACORE, BLUEFIN, LITTLE, AND YELLOWFIN TUNA.  
 NOTE: --"STANDARD CASES" REPRESENT THE VARIOUS SIZED CASES CONVERTED TO THE EQUIVALENT OF FORTY-EIGHT NO. 1/2 TUNA CANS TO THE CASE, EACH CAN CONTAINING 7 OUNCES NET WEIGHT OF SOLID MEAT OR 6 OUNCES NET WEIGHT OF FLAKES, CHUNKS, OR GRATED. DIETETIC TUNA PACKS ARE INCLUDED IN THESE TOTALS.

### PACK OF TUNA AND TUNALIKE FISHES, BY CAN SIZES, 1951

CAN AND CASE SIZES	ACTUAL CASES	VALUE
4-POUNDS . . . . .	25,383	\$681,448
1-POUND FLAT . . . . .	73,523	1,702,875
1/2-POUND FLAT . . . . .	7,720,604	91,663,848
1/4-POUND FLAT . . . . .	471,444	4,102,362
1/4-POUND FLAT . . . . .	57,324	894,393
MISCELLANEOUS, STANDARD CASES	74	1,280
TOTAL . . . . .	8,348,352	99,046,206

## GENERAL REVIEW

## PACK OF CANNED MACKEREL, 1951

STATE	STANDARD CASES	VALUE	CAN AND CASE SIZES	ACTUAL CASES	VALUE
MAINE AND MASSACHUSETTS. . . . .	15,937	\$193,213	15 OUNCES NET, TALL (48 CANS) . . . . .	925,758	\$5,258,311
			15 OUNCES NET, OVAL (48 CANS) . . . . .	94,450	664,340
CALIFORNIA. . . . .	1,032,581	6,066,011	14 OUNCES NET, (24 CANS) . . . . .	3,649	15,459
			5 OUNCES NET, (100 CANS) . . . . .	19,535	155,790
TOTAL. . . . .	1,048,518	6,259,224	OTHER SIZES (CONVERTED TO . . . . .	13,042	164,324
			STANDARD CASES) . . . . .		
			TOTAL . . . . .	1,056,434	6,259,224

✓ INCLUDES THE RACK OF JACK MACKEREL IN CALIFORNIA.

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS 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 34 PLANTS IN CALIFORNIA, 2 IN MASSACHUSETTS, AND 3 IN MAINE.

## PACK OF CANNED SHAD, 1951

STATE	STANDARD CASES	VALUE	CAN AND CASE SIZES	ACTUAL CASES	VALUE
MAINE AND MARYLAND. . . . .	698	\$7,372	15 OUNCES NET (48 CANS) . . . . .	10,382	\$80,736
OREGON AND CALIFORNIA . . . . .	10,130	79,753	OTHER SIZES (CONVERTED TO . . . . .		
			STANDARD CASES) . . . . .	446	6,389
TOTAL. . . . .	10,828	87,125	TOTAL . . . . .	10,828	87,125

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 5 PLANTS IN OREGON, 2 IN MARYLAND, AND 1 PLANT EACH IN MAINE AND CALIFORNIA.

## PACK OF CANNED GROUND FISH FLAKES, 1951

STATE	STANDARD CASES	VALUE
MAINE AND MASSACHUSETTS. . . . .	19,639	\$312,445

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZED CASES CONVERTED TO THE EQUIVALENT OF FORTY-EIGHT CANS TO THE CASE, EACH CAN CONTAINING 14 OUNCES OF FISH. GROUND FISH FLAKES WERE CANNED IN 3 PLANTS IN MAINE AND 1 PLANT IN MASSACHUSETTS.

## PACK OF CANNED ANIMAL FOOD FROM FISHERY PRODUCTS, 1951

STATE	STANDARD CASES	VALUE	CAN AND CASE SIZES	ACTUAL CASES	VALUE
MAINE, VIRGINIA, AND MARYLAND. . . . .	554,324	\$3,004,750	8 OUNCES NET (48 CANS) . . . . .	1,591,548	\$4,718,434
MASSACHUSETTS. . . . .	595,064	2,330,269	16 OUNCES NET (48 CANS) . . . . .	1,516,799	6,793,326
CALIFORNIA AND WASHINGTON. . . . .	1,192,428	6,340,527	OTHER SIZES (CONVERTED TO . . . . .		
ALASKA . . . . .	35	263	STANDARD CASES) . . . . .	29,297	164,049
TOTAL . . . . .	2,341,871	11,675,809	TOTAL . . . . .	3,137,644	11,675,809

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 8 PLANTS IN MASSACHUSETTS, 10 PLANTS IN CALIFORNIA, AND 1 PLANT EACH IN MAINE, VIRGINIA, MARYLAND, WASHINGTON, AND ALASKA.

# GENERAL REVIEW

## PACK OF CANNED FISH ROE AND CAVIAR, 1951

PRODUCT AND NUMBER OF PLANTS	STANDARD CASES	VALUE	STATES OF PRODUCTION AND NUMBER OF PLANTS
<b>ROE:</b>			
ALEWIFE (30) . . . . .	1/41,856	1/\$604,504	MARYLAND 5, VIRGINIA 14, NORTH CAROLINA 11.
SHAD (10) . . . . .	3,349	277,404	MARYLAND 1, WASHINGTON 2, OREGON 5, CALIFORNIA 2.
DEEP SEA (2), HERRING (2) . . . . .	13,014	201,455	MASSACHUSETTS 3, CONNECTICUT 1.
<b>CAVIAR:</b>			
SALMON (3), STURGEON (2) . . . . .	3,425	398,151	NEW YORK 3.
WHITEFISH (4) . . . . .	1,358	63,626	NEW YORK 3, WISCONSIN 1.
TOTAL EDIBLE ROE AND CAVIAR . . . . .	63,002	1,545,140	
SALMON EGGS FOR BAIT (5) . . . . .	13,093	381,000	WASHINGTON 5.
GRAND TOTAL (53) . . . . .	76,095	1,926,140	

1/ INCLUDES A SMALL PRODUCTION OF ALEWIFE AND MENHADEN ROE COMBINED.  
 NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZED CASES CONVERTED TO THE EQUIVALENT OF FORTY-EIGHT CANS,  
 EACH CAN CONTAINING 16 OUNCES OF ROE OR CAVIAR.

## PACK OF CANNED FISH ROE AND CAVIAR, BY STATES, 1951

STATE	NO. OF PLANTS (NO DUPLICATION)	STANDARD CASES	VALUE	STATE CONTINUED	NO. OF PLANTS (NO DUPLICATION)	STANDARD CASES	VALUE
MASSACHUSETTS . . . . .	3			WISCONSIN . . . . .	1		
CONNECTICUT . . . . .	1	13,014	\$201,455	CALIFORNIA . . . . .	2	1,683	\$109,119
NEW YORK . . . . .	4	4,368	438,528	WASHINGTON . . . . .	7	13,194	388,094
MARYLAND . . . . .	5	13,775	207,188	OREGON . . . . .	5	1,923	183,850
VIRGINIA . . . . .	14	20,767	291,534	NORTH CAROLINA . . . . .	11	7,371	106,372
				TOTAL . . . . .	53	76,095	1,926,140

## PACK OF MISCELLANEOUS CANNED FISHERY PRODUCTS, 1951

PRODUCT	STANDARD CASES	VALUE	LOCATION AND NUMBER OF PLANTS
<b>FISH:</b>			
ANCHOVIES (IN TOMATO SAUCE, OR OIL, OR NATURAL) . . . . .	41,055	\$489,062	CALIFORNIA 4.
FISH CAKES, GROUND FISH . . . . .	145,348	1,812,874	MAINE 2, MASSACHUSETTS 2, WASHINGTON 1, MASSACHUSETTS 1, NEW YORK 2, MARYLAND 1, CALIFORNIA 1.
FISH PASTE AND SPREAD (ANCHOVY, HERRING, SALMON, AND TUNA) . . . . .	9,877	205,282	
FISH, SMOKED OR KIPPERED:			
SALMON . . . . .	492	30,480	WASHINGTON 1, OREGON 5, ALASKA 2.
SHAD, STURGEON, AND TUNA . . . . .	205	11,550	WASHINGTON 1, OREGON 3.
FISH SPECIALTIES (STRAINED COD FOR BABY FOOD, HADDOCK CHOWDER, FISH CHOWDER, AND DEVILED FISH) . . . . .	20,853	226,355	MAINE 1, MASSACHUSETTS 1, FLORIDA 1.
MISCELLANEOUS FISH (SALT COD, PACIFIC SEA HERRING, POLLOCK, WHITING, AND GROUND MENHADEN) . . . . .	41,685	348,149	MAINE 1, MASSACHUSETTS 1, MARYLAND 1, CALIFORNIA 2.
<b>SHELLFISH:</b>			
<b>CRAB SPECIALTIES:</b>			
COCKTAILS . . . . .	518	14,945	FLORIDA 1, WASHINGTON 2, OREGON 3.
BISQUE, SOUP, CURRY, CREOLE, NEWBURG, PASTE, DEVILED, AND SOFT SHELL . . . . .	3,391	91,987	NEW YORK 1, MARYLAND 2, NORTH CAROLINA 1, SOUTH CAROLINA 1, FLORIDA 1, LOUISIANA 1.
LOBSTER BISQUE, SOUP, STEW, NEWBURG, AND THERMIDOR . . . . .	4,809	126,877	MAINE 1, MASSACHUSETTS 1, NEW YORK 1, LOUISIANA 1.
<b>OYSTER SPECIALTIES:</b>			
SMOKED OYSTERS . . . . .	1,925	161,037	LOUISIANA 1, WASHINGTON 1, OREGON 1.
SOUP, STEW, AND COCKTAILS . . . . .	4,087	61,922	NEW YORK 1, MARYLAND 1, LOUISIANA 3, WASHINGTON 2, OREGON 3.
<b>SHRIMP SPECIALTIES (COCKTAILS, PASTE, CAKES, SMOKED IN OIL, ASPIC, BISQUE, SOUP, GUMBO, CREOLE, AND NEWBURG) . . . . .</b>			
	8,864	175,550	NEW YORK 1, MARYLAND 2, SOUTH CAROLINA 1, FLORIDA 1, LOUISIANA 5, WASHINGTON 1, OREGON 3.
SQUID . . . . .	208,806	1,000,944	CALIFORNIA 14.
TERRAPIN AND TURTLE MEAT, SOUP, STEW, BARBECUE, AND CHILE CON CARNE . . . . .	26,127	279,195	NEW YORK 1, SOUTH CAROLINA 1, GEORGIA 1, FLORIDA 2, LOUISIANA 4, OHIO 1.
<b>MISCELLANEOUS SHELLFISH SPECIALTIES (CONCHS, CONCH CHILI, AND CHOWDER, MUSSELS, FROG LEGS NEWBURG, CLAM CAKES, AND BISQUE, CRAYFISH BISQUE, SCALLOPS IN SAUCE, BOUILLABASSE, CREOLE GUMBO, AND SEAFOOD NEWBURG) . . . . .</b>			
	7,458	160,066	MAINE 2, MARYLAND 1, NEW YORK 1, NEW JERSEY 1, FLORIDA 1, LOUISIANA 4.
TOTAL . . . . .	525,500	5,196,275	

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

## GENERAL REVIEW

## PACK OF CANNED CLAMS AND CLAM PRODUCTS, 1951

SPECIES, STATE, AND NUMBER OF PLANTS	STANDARD CASES					
	WHOLE AND MINCED		CHOWDER, JUICE, BROTH, BOUILLON, AND NECTAR		TOTAL	
	CASES	VALUE	CASES	VALUE	CASES	VALUE
SOFT CLAMS: MAINE (9) . . . . .	58,550	\$690,559	242,613	\$1,511,420	301,163	\$2,201,979
RAZOR CLAMS: WASHINGTON (5) OREGON (2) . . . . .	11,014	237,099	-	-	11,014	237,099
ALASKA (14) . . . . .	44,083	811,417	-	-	44,083	811,417
TOTAL RAZOR CLAMS . . . . .	55,097	1,048,516	-	-	55,097	1,048,516
HARD CLAMS: 1/ NEW YORK (3) NEW JERSEY (3) . . . . .	246,858	2,680,869	606,983	3,977,974	853,841	6,658,843
RHODE ISLAND (1) PENNSYLVANIA (1) AND MARYLAND (2) . . . . .	-	-	253,053	1,584,696	253,053	1,584,696
WASHINGTON (5) . . . . .	13,981	164,608	8,212	25,567	22,193	190,175
CALIFORNIA (3) . . . . .	16,246	89,500	-	-	16,246	89,500
ALASKA (1), COCKLES . . . . .	15	200	-	-	15	200
TOTAL HARD CLAMS . . . . .	277,100	2,935,177	868,248	5,588,237	1,145,348	8,523,414
GRAND TOTAL (48) . . . . .	390,747	4,674,252	1,110,861	7,099,657	1,501,608	11,773,909

CAN CONTENTS AND NUMBER OF CANS TO CASE	ACTUAL CASES			
	WHOLE AND MINCED		CHOWDER, JUICE, BROTH, BOUILLON, AND NECTAR	
	CASES	VALUE	CASES	VALUE
TIN:				
3-1/2 OUNCES NET (48 CANS) . . . . .	26,701	\$336,243	-	-
3-3/4 OUNCES NET (24 CANS) . . . . .	222,351	1,114,505	-	-
4 OUNCES NET (48 CANS) . . . . .	54,958	808,985	-	-
5 OUNCES NET (24 CANS) . . . . .	103,515	625,616	-	-
5 OUNCES NET (48 CANS) . . . . .	6,735	89,050	-	-
8 OUNCES NET (48 CANS) . . . . .	11,952	119,656	-	-
8 OUNCES GROSS (48 CANS) . . . . .	-	-	90,909	\$351,658
10 OUNCES NET (24 CANS) . . . . .	37,878	322,644	-	-
10 OUNCES GROSS (24 CANS) . . . . .	-	-	195,905	668,913
12 OUNCES GROSS (24 CANS) . . . . .	-	-	9,872	18,290
15 OUNCES GROSS (24 CANS) . . . . .	-	-	322,716	1,514,863
20 OUNCES GROSS (24 CANS) . . . . .	-	-	17,399	56,321
51 OUNCES NET (6 CANS) . . . . .	2,399	28,549	-	-
90 OUNCES GROSS (6 CANS) . . . . .	-	-	4,709	13,926
OTHER SIZES, NET (STANDARD CASES) . . . . .	123,293	1,208,837	-	-
OTHER SIZES' GROSS (STANDARD CASES) . . . . .	-	-	653,504	4,394,451
TOTAL TIN PACK . . . . .		4,654,085		7,018,422
GLASS:				
MISCELLANEOUS SIZES, NET (STANDARD CASES) . . . . .	2,863	20,167	-	-
MISCELLANEOUS SIZES, GROSS (STANDARD CASES) . . . . .	-	-	16,032	81,235
TOTAL GLASS PACK . . . . .	2,863	20,167	16,032	81,235
GRAND TOTAL . . . . .		4,674,252		7,099,657

1/ INCLUDES THE PACK OF SURF CLAMS IN NEW YORK AND NEW JERSEY; PISMO CLAMS IN CALIFORNIA; COCKLES IN ALASKA.

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZED CASES CONVERTED TO THE EQUIVALENT OF 48 NO. 1 PICNIC CANS, EACH CAN OF WHOLE OR MINCED CLAMS CONTAINING 5 OUNCES OF MEAT, DRAINED WEIGHT; AND EACH CAN OF CHOWDER, JUICE, BROTH, BOUILLON, OR NECTAR, 10 OUNCES GROSS CONTENT.

## CANNED CLAM PRODUCTION, BY TYPE OF PACK, 1951

PRODUCT AND NUMBER OF PLANTS	STANDARD CASES	POUNDS	VALUE
WHOLE CLAMS (17) . . . . .	48,015	720,225	\$595,845
MINCED CLAMS (29) . . . . .	342,732	5,140,980	4,078,407
CHOWDER (12) . . . . .	1,068,607	32,058,210	6,944,722
JUICE, BROTH, BOUILLON, AND NECTAR (12) . . . . .	42,254	1,267,620	154,935
TOTAL (48) . . . . .	1,501,608	39,187,035	11,773,909

## PACK OF CANNED CRABS, 1951

STANDARD CASES					ACTUAL CASES		
EAST COAST: STATE	SPECIES	CASES	VALUE	CAN AND CASE SIZES	CASES	VALUE	
MAINE . . . . .	ROCK	1,511	\$40,505	6-1/2 OUNCES NET (24 CANS) . .	97,253	\$1,083,701	
NORTH AND SOUTH CAROLINA, ALABAMA AND MISSISSIPPI . . . . .	BLUE	42,821	964,150	6-1/2 OUNCES NET (48 CANS) . .	97,564	2,411,996	
LOUISIANA . . . . .	BLUE	16,260	275,687				
TOTAL . . . . .		60,592	1,280,342	13 - OUNCES NET (24 CANS) . .	2,038	48,050	
WEST COAST: WASHINGTON . . . . .	DUNGENESS	19,885	507,373	16 - OUNCES NET (24 CANS) . .	515	12,360	
OREGON, CALIFORNIA . . . . .	DUNGENESS	42,715	1,111,856	3-1/4 OUNCES NET (48 CANS) . .	2,166	30,451	
ALASKA . . . . .	DUNGENESS KING	26,697	685,643				
		56	1,344	TOTAL . . . . .	199,536	3,586,558	
TOTAL . . . . .		89,353	2,306,216				
GRAND TOTAL . . . . .		149,945	3,586,558				

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZED CASES CONVERTED TO THE EQUIVALENT OF FORTY-EIGHT CANS TO THE CASE, EACH CONTAINING 6-1/2 OUNCES OF CRAB MEAT. CRAB MEAT WAS CANNED IN 14 PLANTS IN WASHINGTON, 18 IN ALASKA, 8 IN OREGON, 3 PLANTS EACH IN MAINE AND LOUISIANA, AND 1 PLANT EACH IN NORTH CAROLINA, SOUTH CAROLINA, ALABAMA, MISSISSIPPI, AND CALIFORNIA.

## PACK OF CANNED OYSTERS, 1951

STANDARD CASES				ACTUAL CASES		
STATE	CASES	VALUE	CAN AND CASE SIZES	CASES	VALUE	
NORTH AND SOUTH CAROLINA . . . . .	53,064	\$691,345	4-2/3 OUNCES NET (24 CANS) . .	108,296	\$830,950	
GEORGIA AND ALABAMA . . . . .	35,207	503,566	4-2/3 OUNCES NET (48 CANS) . .	276,190	3,454,936	
MISSISSIPPI . . . . .	72,990	889,542	6-1/2 OUNCES NET (24 CANS) . .	168,131	1,417,698	
LOUISIANA . . . . .	172,933	2,106,266	6-1/2 OUNCES NET (48 CANS) . .	7,973	128,320	
WASHINGTON . . . . .	120,572	1,593,864	OTHER SIZES (STANDARD CASES) . . . . .	7,800	99,372	
OREGON . . . . .	11,568	147,693	TOTAL . . . . .	568,390	5,931,276	
TOTAL . . . . .	466,334	5,931,276				

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 16 PLANTS IN LOUISIANA, 11 IN MISSISSIPPI, 6 IN WASHINGTON, 4 PLANTS EACH IN SOUTH CAROLINA AND OREGON, 3 IN ALABAMA AND 1 PLANT EACH IN GEORGIA AND NORTH CAROLINA.

## PACK OF CANNED SHRIMP, 1951

STANDARD CASES			ACTUAL CASES		
STATE	CASES	VALUE	CAN AND CASE SIZES	CASES	VALUE
MISSISSIPPI . . . . .	1/182,373	\$2,736,787	4-1/2 OUNCES NET (24 CANS) . .	229,320	\$1,723,025
LOUISIANA . . . . .	637,345	8,523,884	5 - OUNCES NET (48 CANS) . .	739,190	9,877,545
SOUTH CAROLINA, GEORGIA, AND ALABAMA . . . . .	51,453	924,378	7 - OUNCES NET (48 CANS) . .	7,919	218,830
			OTHER SIZES (CONVERTED TO STANDARD CASES) . . . . .	17,700	367,649
TOTAL . . . . .	871,171	12,187,049	TOTAL . . . . .	994,129	12,187,049

1/ INCLUDES A SMALL PACK OF DRY SHRIMP.  
 NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZED CASES CONVERTED TO THE EQUIVALENT OF FORTY-EIGHT CANS TO THE CASE, EACH CAN CONTAINING 5 OUNCES OF SHRIMP MEAT. SHRIMP WERE CANNED IN 16 PLANTS IN MISSISSIPPI, 25 IN LOUISIANA, 2 IN ALABAMA AND 1 PLANT EACH IN SOUTH CAROLINA AND GEORGIA.

## GENERAL REVIEW

## NUMBER OF PLANTS PRODUCING FISHERY BYPRODUCTS, 1951

PRODUCT	ATLANTIC AND GULF COASTS $\frac{1}{2}$	PACIFIC COAST AND ALASKA	TOTAL
	NUMBER	NUMBER	NUMBER
MEAL AND SCRAP, DRIED:			
ANCHOVY . . . . .	-	2	2
CRAB:			
BLUE . . . . .	13	-	13
DUNGENSES . . . . .	-	4	4
HORSESHOE . . . . .	1	-	1
FUR SEAL . . . . .	-	1	1
GROUND FISH (INCLUDING OCEAN PERCH) . . . . .	10	-	10
HERRING . . . . .	9	13	22
MENHADEN . . . . .	35	-	35
PILCHARD . . . . .	-	41	41
SALMON . . . . .	-	6	6
SHRIMP . . . . .	31	-	31
TUNA AND MACKEREL . . . . .	-	26	26
WHALE:			
BONE . . . . .	-	1	1
MEAT . . . . .	-	1	1
MISCELLANEOUS MEAL AND SCRAP, DRIED . . . . .	17	13	30
MENHADEN ACIDULATED SCRAP . . . . .	1	-	1
OIL, BODY:			
ANCHOVY . . . . .	-	2	2
FUR SEAL . . . . .	-	1	1
HERRING . . . . .	8	13	21
MENHADEN . . . . .	35	-	35
OCEAN PERCH . . . . .	2	-	2
PILCHARD . . . . .	-	42	42
SALMON:			
EDIBLE . . . . .	-	2	2
INDUSTRIAL . . . . .	-	6	6
TUNA AND MACKEREL . . . . .	-	28	28
WHALE:			
SPERM . . . . .	-	1	1
OTHER . . . . .	-	1	1
MISCELLANEOUS BODY OIL . . . . .	7	7	14
OIL, LIVER AND VISCERA:			
COD . . . . .	5	-	5
FLUNDER . . . . .	-	1	1
HALIBUT . . . . .	2	3	5
HAKE . . . . .	1	-	1
LINGCOD . . . . .	-	2	2
POLLOCK . . . . .	1	-	1
ROCKFISH . . . . .	-	1	1
SABLEFISH . . . . .	-	1	1
SHARK . . . . .	2	7	9
SWDRDFISH . . . . .	2	-	2
TUNA . . . . .	3	2	5
WHALE . . . . .	1	-	1
VISCERA . . . . .	-	3	3
MISCELLANEOUS LIVER AND VISCERA OIL . . . . .	1	4	5
OYSTER-SHELL PRODUCTS:			
CRUSHED SHELL FOR POULTRY FEED . . . . .	15	5	20
SHELL LIME:			
BURNED . . . . .	2	-	2
UNBURNED . . . . .	15	4	19
MUSSEL-SHELL PRODUCTS (FRESH-WATER):			
BUTTONS . . . . .	13	-	13
CRUSHED SHELL FOR POULTRY FEED . . . . .	2	-	2
LIME, DUST, AND SHELLS . . . . .	6	-	6
MARINE PEARL-SHELL BUTTONS . . . . .	24	-	24
AGAR-AGAR . . . . .	-	2	2
ALGIN . . . . .	1	-	1
AMINO ACIDS . . . . .	-	1	1
CRAB SHELLS (FOR TABLE USE) . . . . .	2	-	2
FISH SOLUBLES AND HOMOGENIZED CONDENSED FISH . . . . .	27	9	36
GLUE . . . . .	3	1	4
IRISH MOSS EXTRACTIVES . . . . .	2	-	2
ISINGLASS . . . . .	1	-	1
KELP PRODUCTS . . . . .	1	2	3
PEARL ESSENCE . . . . .	6	-	6
TOTAL EXCLUSIVE OF DUPLICATION . . . . .	181	94	275

$\frac{1}{2}$  INCLUDES FIRMS IN THE GREAT LAKES AND MISSISSIPPI RIVER STATES WHICH ENGAGED IN THE PRODUCTION OF FRESH-WATER MUSSEL-SHELL PRODUCTS AND MISCELLANEOUS FISH MEAL.

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

# GENERAL REVIEW

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## PRODUCTION OF MARINE-ANIMAL SCRAP AND MEAL, 1951

PRODUCT	ATLANTIC AND GULF COAST <sup>1/</sup>		PACIFIC COAST (INCLUDING ALASKA)		TOTAL	
	TONS	VALUE	TONS	VALUE	TONS	VALUE
MEAL AND DRIED SCRAP:						
CRAB:						
BLUE . . . . .	9,553	\$550,288	-	-	9,553	\$550,288
DUNGNESS . . . . .	-	-	276	\$15,379	276	15,379
FUR SEAL . . . . .	-	-	351	39,318	351	39,318
GROUND FISH ("WHITE FISH") INCL.						
OCEAN PERCH . . . . .	23,661	3,063,319	-	-	23,661	3,063,319
HERRING . . . . .	3,976	495,905	5,655	674,178	9,631	1,370,083
MENHADEN . . . . .	2/115,464	2/13,879,523	-	-	115,464	13,879,523
PILCHARD . . . . .	-	-	17,225	2,266,968	17,225	2,266,968
SALMON . . . . .	-	-	3/2,460	3/278,146	2,460	278,146
SHRIMP . . . . .	1,051	75,165	-	-	1,051	75,165
TUNA AND MACKEREL . . . . .	-	-	23,147	3,021,720	23,147	3,021,720
WHALE:						
MEAT . . . . .	-	-	85	10,000	85	10,000
BONE . . . . .	-	-	20	1,000	20	1,000
MISCELLANEOUS . . . . .	4/2,307	4/256,471	5/4,525	5/546,517	6,832	802,988
TOTAL . . . . .	156,012	18,320,671	53,744	7,053,226	209,756	25,373,897

<sup>1/</sup> INCLUDES A SMALL PRODUCTION OF MISCELLANEOUS MEAL IN MINNESOTA.

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

<sup>3/</sup> INCLUDES SMALL PRODUCTION OF SALMON FISH FOOD FOR HATCHERY FEEDING.

<sup>4/</sup> INCLUDES THE PRODUCTION OF COD LIVER PRESS CAKE, FISH POMACE, HORSESHOE CRAB, AND MISCELLANEOUS SCRAP AND MEAL.

<sup>5/</sup> INCLUDES THE PRODUCTION OF ANCHOVY, AND MISCELLANEOUS SCRAP AND MEAL.

## PRODUCTION OF MARINE-ANIMAL OIL, 1951

PRODUCT	ATLANTIC AND GULF COAST		PACIFIC COAST (INCLUDING ALASKA)		TOTAL	
	GALLONS	VALUE	GALLONS	VALUE	GALLONS	VALUE
BODY OIL:						
FUR SEAL . . . . .	-	-	39,867	\$36,997	39,867	\$36,997
HERRING . . . . .	168,701	\$122,299	1,344,113	1,063,085	1,512,814	1,205,384
MENHADEN . . . . .	12,537,115	9,771,154	-	-	12,537,115	9,771,154
PILCHARD . . . . .	-	-	1,942,586	1,545,937	1,942,586	1,545,937
SALMON . . . . .	-	-	200,681	165,787	200,681	165,787
TUNA AND MACKEREL . . . . .	-	-	712,620	525,552	712,620	525,552
WHALE:						
SPERM . . . . .	-	-	50,000	37,500	50,000	37,500
OTHER . . . . .	-	-	18,500	12,700	18,500	12,700
MISCELLANEOUS . . . . .	1/701,048	1/609,794	2/157,503	2/133,491	858,551	743,265
TOTAL . . . . .	13,406,864	10,503,247	4,465,870	3,541,049	17,872,734	14,044,296
LIVER AND VISCERA OIL:						
COD . . . . .	175,886	241,868	-	-	175,886	241,868
SHARK . . . . .	(3)	(3)	3/75,878	3/632,199	75,878	632,199
TUNA . . . . .	(3)	(3)	3/12,979	3/272,942	12,979	272,942
MISCELLANEOUS . . . . .	4/5,045	4/662,719	5/29,787	5/769,619	34,832	1,432,338
TOTAL . . . . .	180,931	904,587	118,644	1,674,760	299,575	2,579,347
GRAND TOTAL . . . . .	13,587,795	11,407,834	4,584,514	5,215,809	18,172,309	16,623,643

<sup>1/</sup> INCLUDES THE PRODUCTION OF OCEAN PERCH AND UNCLASSIFIED BODY OILS.

<sup>2/</sup> INCLUDES THE PRODUCTION OF ANCHOVY AND UNCLASSIFIED BODY OILS.

<sup>3/</sup> EAST AND WEST COAST PRODUCTION COMBINED.

<sup>4/</sup> INCLUDES THE PRODUCTION OF HAKE, HALIBUT, POLLOCK, AND SWORDFISH, WHALE, AND UNCLASSIFIED LIVER OILS.

<sup>5/</sup> INCLUDES THE PRODUCTION OF FLOUNDER, HALIBUT, LINGCOD, ROCKFISH, AND SABLEFISH LIVER OILS, VISCERA OIL AND MIXED LIVER OILS.

## GENERAL REVIEW

## FISH UTILIZED AND PRODUCTS OF THE MENHADEN FISHERY, 1951

STATE AND NO. OF PLANTS	MENHADEN UTILIZED		DRY SCRAP AND MEAL		OIL		TOTAL
	POUNDS	NO. OF FISH	TONS	VALUE	GALLONS	VALUE	VALUE
NEW YORK(1), NEW JERSEY(3), AND DELAWARE(2) . . . . .	432,072,950	644,885,000	45,187	\$5,463,417	3,008,992	\$3,595,612	\$9,059,029
VIRGINIA(6) . . . . .	131,434,570	196,171,000	14,149	1,617,477	659,237	582,544	2,200,021
NORTH CAROLINA(9) . . . . .	101,057,440	150,832,000	10,422	1,362,456	552,581	390,165	1,752,621
SOUTH CAROLINA(1), FLORIDA(3), & TEXAS(2)	117,203,100	174,930,000	2/12,586	2/1,436,495	918,062	1,183,711	2,620,206
MISSISSIPPI(4) . . . . .	115,364,620	172,185,000	11,170	1,321,899	2,030,811	1,325,844	2,647,743
LOUISIANA(4) . . . . .	209,573,990	312,797,000	21,950	2,677,779	3,367,432	2,693,278	5,371,057
TOTAL (35) . . . . .	1,106,706,670	1,651,801,000	115,464	13,879,523	12,537,115	9,771,154	23,650,677

1/ DOES NOT INCLUDE THE PRODUCTION OF MENHADEN SOLUBLES.

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

## PRODUCTION OF OYSTER-SHELL PRODUCTS, 1951

STATE AND NUMBER OF PLANTS	CRUSHED SHELL FOR POULTRY FEED		SHELL LIME UNBURNED		TOTAL	
	TONS	VALUE	TONS	VALUE	TONS	VALUE
NEW JERSEY(3) . . . . .	4,200	\$63,962	776	\$3,523	4,976	\$67,485
PENNSYLVANIA(3), MARYLAND(3) . . . . .	26,620	320,291	16,518	81,727	45,138	402,018
VIRGINIA(3), NORTH CAROLINA(2), FLORIDA(1), ALABAMA(1)	77,243	820,715	10,543	155,597	87,786	976,312
LOUISIANA(1), TEXAS(2) . . . . .	251,195	1,775,720	42,100	142,454	293,295	1,918,174
WASHINGTON(2), OREGON(1), CALIFORNIA(2) . . . . .	16,533	176,441	3,591	28,315	22,124	204,756
TOTAL (24) . . . . .	377,791	3,157,129	75,528	411,616	453,319	3,568,745

NOTE:--THE LIME PRODUCTION WAS UNBURNED WITH THE EXCEPTION OF A SMALL QUANTITY PRODUCED IN VIRGINIA.

## PRODUCTION OF FRESH-WATER MUSSEL-SHELL PRODUCTS, 1951

STATE	BUTTONS		LIME, POULTRY GRIT AND CUT SHELL		TOTAL
	GROSS	VALUE	TONS	VALUE	VALUE
NEW YORK . . . . .	4,042,226	\$3,416,942	1/2,289	1/ \$40,309	1/ \$3,457,251
IOWA, PENNSYLVANIA AND MISSOURI . . . . .	492,533	388,410	(1)	(1)	388,410
TOTAL . . . . .	4,534,759	3,805,352	2,289	40,309	3,845,661

1/ SMALL QUANTITIES OF LIME AND DUST PRODUCED IN NEW YORK ARE INCLUDED WITH THE IOWA PRODUCTION.

NOTE:--MUSSEL SHELL PRODUCTS WERE MANUFACTURED IN 11 PLANTS IN IOWA, 2 IN NEW YORK, AND 1 PLANT EACH IN PENNSYLVANIA AND MISSOURI. MUSSEL SHELLS PURCHASED DURING THE YEAR AMOUNTED TO 7,363 TONS, VALUE AT \$316,756 TO THE FISHERMEN. SHELLS WERE TAKEN IN 10 STATES IN THE MISSISSIPPI RIVER AND GREAT LAKES REGION. THE PRODUCING STATES IN THE ORDER OF THEIR IMPORTANCE WERE: TENNESSEE, WHICH CONTRIBUTED 33 PERCENT OF THE TOTAL QUANTITY, ALABAMA 24 PERCENT, KENTUCKY 18 PERCENT, ARKANSAS 13 PERCENT, INDIANA 4 PERCENT, ILLINOIS AND IOWA 3 PERCENT EACH, OHIO 1 PERCENT, LOUISIANA AND MISSISSIPPI 1 PERCENT.

## PRODUCTION OF MARINE PEARL-SHELL BUTTONS, 1951

STATE	GROSS	VALUE
CONNECTICUT . . . . .	1,266,545	\$1,670,781
NEW YORK . . . . .	896,626	1,445,641
NEW JERSEY . . . . .	1,217,941	2,010,050
PENNSYLVANIA AND MARYLAND . . . . .	1,212,874	2,521,863
IOWA . . . . .	71,299	66,501
TOTAL . . . . .	4,665,285	7,714,846

1/ PRODUCED PRINCIPALLY FROM IMPORTED SHELLS.

NOTE:--MARINE PEARL-SHELL BUTTONS WERE MANUFACTURED IN 3 PLANTS EACH IN CONNECTICUT AND IOWA 4 IN NEW YORK 11 IN NEW JERSEY, 2 IN PENNSYLVANIA AND 1 IN MARYLAND.

## PRODUCTION OF MISCELLANEOUS BYPRODUCTS, 1951

PRODUCT	UNIT	QUANTITY	VALUE	LOCATION AND NUMBER OF PLANTS
GLUE . . . . .	GALLONS	148,604	\$382,565	MAINE 1, MASSACHUSETTS 2, CALIFORNIA 1.
FISH SOLUBLES AND HOMOGENIZED . . . . .	POUNDS	100,727,715	4,129,356	MAINE 3, MASSACHUSETTS 5, RHODE ISLAND 1,
CONDENSED FISH . . . . .				VIRGINIA 5, NEW JERSEY 2, DELAWARE 1,
MISCELLANEOUS 1/ . . . . .	-	-	7,675,314	VIRGINIA 5, NORTH CAROLINA 2, FLORIDA 1,
TOTAL . . . . .	-	-	12,186,235	MISSISSIPPI 3, LOUISIANA 2 TEXAS 1, OREGON 1, CALIFORNIA 6.
				MAINE 5, MASSACHUSETTS 2, VIRGINIA 2, NORTH CAROLINA 1, SOUTH CAROLINA 1, CALIFORNIA 5.

1/ INCLUDES THE PRODUCTION OF AGAR-AGAR, ALGIN, AMINO ACIDS, IRISH MOSS EXTRACTIVES, ISINGLASS, KELP PRODUCTS PEARL ESSENCE AND CRAB SHELLS FOR TABLE USE.

## PACKAGED FISH

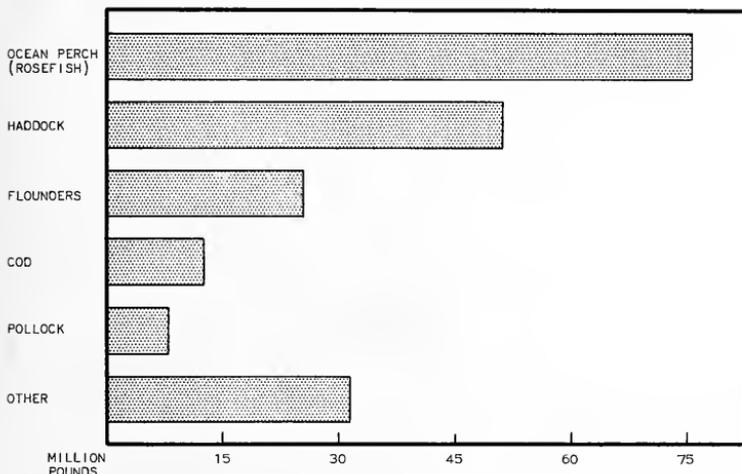
The production of fresh and frozen packaged fish (fillets, steaks, and split "butterfly") in continental United States during 1951 totaled 205,486,000 pounds valued at \$59,487,100 to the processor. This represented an increase of 7 percent in volume and 11 percent in value compared with the previous year.

Ocean perch fillets, with a production of 75,023,400 pounds was again the largest single item of packaged fish produced. Haddock fillets with 50,830,500 pounds and flounder fillets with 26,309,200 pounds were second and third in importance. Ocean perch was the most valuable species packaged during 1951 with a value of \$18,732,700, followed by haddock (\$14,545,700) and flounders (\$10,817,400). Of the total packaged fish reported, 96 percent was filleted, 3 percent steaked, and the remaining 1 percent split "butterflied".

Because of the importance of the groundfish fishery in New England, that area continued to lead all others in the production of packaged fish and accounted for 80 percent (164,740,900 pounds) of the 1951 domestic production. The Pacific Coast States accounted for 12 percent; the Middle Atlantic States, 4 percent; the Great Lake States 3 percent; the Chesapeake, South Atlantic, and Gulf States, the remaining 1 percent.

Data in this section cannot be correlated directly with that information published in the section on Manufactured Fishery Products, as that section included a small production in Alaska which is not included in the following tables. Data on the production of packaged fish during 1951 were previously published in "Current Fishery Statistics, No. 735".

## PRODUCTION OF PACKAGED FISH, 1951



## GENERAL REVIEW

## SUMMARY OF PRODUCTION OF PACKAGED FISH, 1951

ITEM	FILLETS		STEAKS		SPLIT "BUTTERFLY"		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FRESH . . . . .	55,204,151	\$18,449,862	204,005	\$92,817	-	-	55,408,156	\$18,542,679
FROZEN . . . . .	141,314,848	37,833,947	5,692,450	2,618,233	3,070,614	\$492,239	150,077,912	40,944,419
TOTAL . . . . .	196,518,999	56,283,809	5,896,455	2,711,050	3,070,614	492,239	205,486,068	59,487,098

## PRODUCTION OF PACKAGED FISH, BY METHOD OF PREPARATION, 1951

SPECIES	FILLETS			
	FRESH		FROZEN	
	POUNDS	VALUE	POUNDS	VALUE
BLUE PIKE . . . . .	1,108,005	\$677,344	359,032	\$212,842
CARP . . . . .	125,000	18,750	-	-
CATFISH . . . . .	-	-	31,895	12,508
COD . . . . .	7,459,673	2,097,042	5,830,217	1,338,822
CUSK . . . . .	455,914	113,022	139,134	27,404
FLOUNDERS . . . . .	11,912,138	5,205,087	14,397,059	5,612,321
GROUPERS . . . . .	170,254	71,241	78,046	32,507
HADDOCK . . . . .	22,369,005	6,765,927	28,461,522	7,779,752
HAKE . . . . .	1,079,366	218,936	871,852	132,789
HALIBUT . . . . .	-	-	302,211	157,555
HERRING, LAKE . . . . .	139,012	28,368	117,471	22,008
LAKE TROUT . . . . .	78,736	47,021	136,768	73,196
LINGCOD . . . . .	287,582	70,232	919,546	253,475
MACKEREL . . . . .	500,556	128,503	314,948	84,215
OCEAN PERCH . . . . .	1,443,360	307,676	73,580,006	18,425,053
PIKE OR PICKEREL . . . . .	6,000	2,715	42,000	13,400
POLLOCK . . . . .	2,579,558	478,788	4,516,555	778,676
ROCKFISHES . . . . .	2,320,393	480,801	3,221,781	841,608
SABLEFISH . . . . .	-	-	86,615	19,315
SALMON . . . . .	-	-	368,461	201,751
SAUGER . . . . .	1,079,494	616,347	692,888	401,493
SCUP . . . . .	39,000	6,800	-	-
SEA BASS . . . . .	206,388	51,614	-	-
SEA TROUT . . . . .	54,651	14,080	-	-
SHEEPSHEAD . . . . .	55,259	11,156	-	-
SNAPPER, RED . . . . .	3,163	2,842	23,908	13,976
SPANISH MACKEREL . . . . .	62,500	20,450	152,731	53,568
SUCKER "MULLET" . . . . .	-	-	27,188	4,801
WHITE BASS . . . . .	18,610	8,044	-	-
WHITEFISH . . . . .	159,327	92,923	206,594	112,445
WHITING (SILVER HAKE) . . . . .	16,350	2,350	5,626,818	843,178
WOLFFISH . . . . .	31,061	7,684	306,378	94,202
YELLOW PERCH . . . . .	479,916	304,885	99,948	64,172
YELLOW PIKE . . . . .	872,234	570,895	310,853	206,631
MISCELLANEOUS 1/ . . . . .	91,646	28,337	92,423	20,284
TOTAL . . . . .	55,204,151	18,449,862	141,314,848	37,833,947

SPECIES	STEAKS				SPLIT "BUTTERFLY"	
	FRESH		FROZEN		FROZEN	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
GROUPERS . . . . .	181,390	\$79,642	19,417	\$8,168	-	-
HALIBUT . . . . .	-	-	3,957,653	1,699,769	-	-
SALMON . . . . .	-	-	1,692,831	898,231	-	-
SNAPPER, RED . . . . .	22,615	13,175	-	-	-	-
WHITING (SILVER HAKE) . . . . .	-	-	-	-	3,070,614	\$492,239
MISCELLANEOUS 1/ . . . . .	-	-	22,549	12,065	-	-
TOTAL . . . . .	204,005	92,817	5,692,450	2,618,233	3,070,614	492,239

1/ INCLUDES AMBERJACK, BLUEFISH, BUFFALO FISH, BUTTERFISH, CARBIO, DRUM, KING MACKEREL, OCEAN POUT, PORGY, SHAD, STRIPED BASS, SWORDFISH, TILEFISH, WHITE PERCH, AND UNCLASSIFIED SPECIES.

NOTE:--SMALL QUANTITIES OF A FEW SPECIES HAVE BEEN INCLUDED WITH A DIFFERENT METHOD OF PREPARATION TO AVOID DISCLOSING THE PRODUCTION OF INDIVIDUAL FIRMS.

# GENERAL REVIEW

## PRODUCTION OF PACKAGED FISH - BY SECTIONS

SPECIES	NEW ENGLAND		MIDDLE ATLANTIC		CHESAPEAKE, SOUTH ATLANTIC AND GULF	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CATFISH . . . . .	-	-	-	-	31,895	\$12,508
COD . . . . .	8,140,128	\$1,941,010	2,951,500	\$1,013,489	-	-
CUSK . . . . .	595,048	140,426	-	-	-	-
FLOUNDERS . . . . .	13,147,390	5,359,727	3,462,650	1,869,823	39,074	16,629
GROUPERS . . . . .	-	-	-	-	449,107	191,558
HADDOCK . . . . .	49,202,927	13,938,718	1,627,600	606,961	-	-
HAKE . . . . .	1,916,218	343,175	35,000	8,550	-	-
MACKEREL . . . . .	690,504	168,670	125,000	44,048	-	-
OCEAN PERCH . . . . .	75,023,366	18,732,729	-	-	-	-
POLLOCK . . . . .	6,859,213	1,199,247	236,900	58,217	-	-
SCUP . . . . .	-	-	-	-	39,000	6,800
SEA BASS . . . . .	-	-	-	-	206,388	51,614
SEA TROUT . . . . .	-	-	-	-	54,651	14,080
SNAPPER, RED . . . . .	-	-	-	-	46,986	27,392
SPANISH MACKEREL . . . . .	-	-	-	-	215,231	74,018
WHITING (SILVER HAKE) . . . . .	8,713,782	1,337,767	-	-	-	-
WOLFFISH . . . . .	337,439	101,886	-	-	-	-
MISCELLANEOUS 1/ . . . . .	114,872	25,271	8,700	3,831	32,846	14,014
TOTAL . . . . .	164,740,887	43,288,626	8,447,350	3,604,919	1,115,178	408,613

SPECIES	GREAT LAKES		PACIFIC COAST		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUE PIKE . . . . .	1,467,037	\$890,186	-	-	1,467,037	\$890,186
CARP . . . . .	125,000	18,750	-	-	125,000	18,750
CATFISH . . . . .	-	-	-	-	31,895	12,508
COD . . . . .	-	-	2,198,262	\$481,365	13,289,890	3,435,864
CUSK . . . . .	-	-	-	-	595,048	140,426
FLOUNDERS . . . . .	-	-	9,660,083	3,571,229	26,309,197	10,817,408
GROUPERS . . . . .	-	-	-	-	449,107	191,558
HADDOCK . . . . .	-	-	-	-	50,830,527	14,545,679
HAKE . . . . .	-	-	-	-	1,951,218	351,725
HALIBUT . . . . .	496,500	238,595	3,763,364	1,618,729	4,259,864	1,857,324
HERRING, LAKE . . . . .	256,483	50,376	-	-	256,483	50,376
LAKE TROUT . . . . .	215,504	120,217	-	-	215,504	120,217
LINGCOD . . . . .	-	-	1,207,428	323,707	1,207,128	323,707
MACKEREL . . . . .	-	-	-	-	815,504	212,718
OCEAN PERCH . . . . .	-	-	-	-	75,023,366	18,732,729
PIKE OR PICKEREL . . . . .	48,000	16,115	-	-	48,000	16,115
POLLOCK . . . . .	-	-	-	-	7,096,113	1,257,464
ROCKFISHES . . . . .	-	-	5,542,174	1,322,409	5,542,174	1,322,409
SABLEFISH . . . . .	-	-	86,615	19,315	86,615	19,315
SALMON . . . . .	124,600	59,745	1,936,492	1,040,237	2,061,292	1,099,982
SAUGER . . . . .	1,772,382	1,017,840	-	-	1,772,382	1,017,840
SCUP . . . . .	-	-	-	-	39,000	6,800
SEA BASS . . . . .	-	-	-	-	206,388	51,614
SEA TROUT . . . . .	-	-	-	-	54,651	14,080
SHEEPSHEAD . . . . .	55,259	11,156	-	-	55,259	11,156
SNAPPER, RED . . . . .	2,700	2,601	-	-	49,686	29,993
SPANISH MACKEREL . . . . .	-	-	-	-	215,231	74,018
SUCKER "MULLET" . . . . .	27,188	4,801	-	-	27,188	4,801
WHITE BASS . . . . .	18,610	8,044	-	-	18,610	8,044
WHITEFISH . . . . .	365,921	205,370	-	-	365,921	205,370
WHITING (SILVER HAKE) . . . . .	-	-	-	-	8,713,782	1,337,767
WOLFFISH . . . . .	-	-	-	-	337,439	101,886
YELLOW PERCH . . . . .	579,864	369,057	-	-	579,864	369,057
YELLOW PIKE . . . . .	1,183,087	777,526	-	-	1,183,087	777,526
MISCELLANEOUS 1/ . . . . .	50,200	17,570	-	-	206,618	60,686
TOTAL . . . . .	6,788,535	3,807,949	24,394,118	8,376,991	205,486,068	59,487,098

1/ INCLUDES AMBERJACK, BLUEFISH, BUFFALOFISH, BUTTERFISH, CABIO, DRUM, KING MACKEREL, OCEAN POUT, PORGY, SHAD, STRIPED BASS, SWORDFISH, TILEFISH, WHITE PERCH, AND UNCLASSIFIED SPECIES.

NOTE:--SMALL QUANTITIES OF A FEW SPECIES HAVE BEEN INCLUDED WITH MISCELLANEOUS ITEMS TO AVOID DISCLOSING THE PRODUCTION OF INDIVIDUAL FIRMS.

## GENERAL REVIEW

### FROZEN FISH TRADE

A record total of 325,504,000 pounds of fishery products were frozen during 1951 by over 250 domestic freezing plants which reported their activities to the Fish and Wildlife Service. The greatest amount frozen in any previous year was in 1948 when 291,988,000 pounds were reported by these freezing plants. It was estimated that a catch of approximately 635 million pounds of fish and shellfish was required to produce the 325.5 million pounds of round, dressed, and drawn fish, fish fillets, and packaged shellfish frozen during 1951. Of the total, 255.7 million pounds consisted of fish and 69.8 million pounds consisted of shellfish.

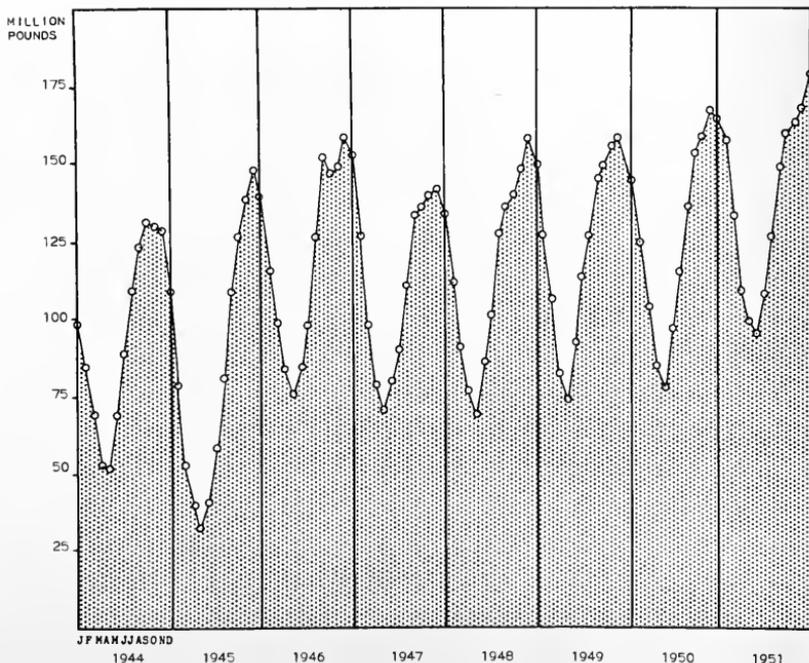
During 1951, the production of salt-water fish comprised 76 percent of the total freezings, while shellfish contributed 22 percent and fresh-water fish the remaining 2 percent. Five items accounted for 68 percent of the total poundage frozen during 1951. These were: ocean perch fillets, 22 percent; shrimp (including shrimp meat), 18 percent; headed and gutted whiting, 14 percent; halibut, 8 percent; and haddock fillets, 6 percent. Headed and gutted whiting recorded the greatest growth of the five, moving from 8 percent of the total freezings in 1950 to 14 percent of the total during 1951.

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. The South Central Area ranked second with 17 percent, followed by Alaska with 10 percent, and the Pacific Coast States with 9 percent. During the previous year, New England accounted for 47 percent of the total; the South Central Area, 17 percent; Alaska, 13 percent; and the Pacific Coast States, 12 percent.

The greater volume of cold storage space, coupled with the increased acceptance of frozen products by the public is again believed to have been mainly responsible for the record freezings of fishery products during 1951.

Data on the holdings and freezings of fishery products for 1951 have been previously published in C. F. S. No. 721. Detailed information are published monthly in the "Frozen Fish" bulletin of the C. F. S. series.

**COLD-STORAGE HOLDINGS OF FISHERY PRODUCTS, 1944 - 1951**



# GENERAL REVIEW

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## SUMMARY OF FREEZINGS, BY MONTHS, 1951

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE
<b>SALT-WATER FISH:</b>						
BAIT AND ANIMAL FOOD . . . . .	1,228,935	548,129	325,055	2,296,029	1,057,110	754,102
BLUEFISH . . . . .	36,669	35	1,850	11,859	63,648	131,526
BUTTERFISH . . . . .	8,169	60	-	-	31,757	84,308
COD, HADDOCK, HAKE, AND POLLOCK (EXCEPT FILLETS) . . . . .	40,831	44,767	50,857	181,647	202,473	42,359
CROAKERS . . . . .	-	3,000	-	7,667	-	50,436
EELS . . . . .	315,374	-	-	2,997	18,410	9,862
FILLETS:						
COD . . . . .	237,215	188,331	313,062	312,252	625,213	361,269
FLOUNDER (INCLUDING SOLE) . . . . .	396,147	99,680	141,567	460,947	624,515	900,559
HADDOCK . . . . .	310,253	1,149,898	1,064,741	3,132,474	2,622,081	2,172,421
LINGCOD . . . . .	18,870	27,291	20,313	2,807	21,123	13,440
MACKEREL . . . . .	3,582	992	3,162	15,697	15,035	76,636
POLLOCK . . . . .	300,488	77,063	13,086	128,502	184,428	528,962
OCEAN PERCH . . . . .	2,768,548	4,569,644	6,412,215	7,695,393	7,720,234	7,453,525
WHITING (INC. SPLIT BUTTERFLY). OTHER FILLETS . . . . .	910	310	170	8,358	497,296	1,522,461
FLOUNDERS (INC. SOLE, FLUKE, AND CALIFORNIA HALIBUT) . . . . .	114,251	185,396	108,399	195,499	318,932	278,854
HALIBUT . . . . .	53,224	14,945	15,670	58,198	148,513	86,406
HERRING, SEA . . . . .	-	520	3,302	17,960	13,872,315	8,670,585
MACKEREL (EXCEPT FILLETS, AND SPANISH KING) . . . . .	53,548	99,422	41,494	298,171	325,053	15,022
SPANISH KING . . . . .	44,263	770	27,615	170,409	101,504	408,069
MULLET . . . . .	119,025	1,456	-	199	11,645	12,950
SABLEFISH (BLACK COD) . . . . .	-	1,514	4,015	318,984	205,782	626,645
SALMON:						
KING OR CHINOOK . . . . .	-	-	-	71,354	408,174	514,903
STEELHEAD TROUT . . . . .	-	-	-	-	-	7,592
UNCLASSIFIED . . . . .	-	-	-	-	-	28,143
SCUP (PORGIES) . . . . .	56,984	-	178,966	78,171	8,850	20,871
SEA TROUT (WEAKFISH, GRAY, AND SPOTTED) . . . . .	15,171	1,200	132	3,170	2,720	23,733
SHAD (INCLUDING ROE SHAD) . . . . .	-	-	-	719	57,215	63,785
SHAD ROE . . . . .	-	-	-	517	21,269	17,216
SMELT . . . . .	18,166	121,075	40,547	195,282	123,305	134,033
SWORDFISH . . . . .	-	-	-	-	-	1,200
WHITING (SILVER HAKE):						
ROUND . . . . .	1,280	1,865	-	52,325	79,559	149,238
HEADED AND GUTTED (EXCEPT FILLETS) UNCLASSIFIED SALT-WATER FISH . . . . .	108,760	8,340	420	423,208	6,257,901	12,594,530
TOTAL SALT-WATER FISH . . . . .	945,310	629,167	1,140,625	530,928	908,610	848,135
<b>FRESH-WATER FISH:</b>	7,195,993	7,774,870	9,906,923	16,691,613	36,533,770	38,603,776
BAIT AND ANIMAL FOOD . . . . .	-	-	-	-	1,390	10,000
BLUE PIKE AND SAUGER (EX. FILLETS) CATFISH AND BULLHEADS . . . . .	5,879	5,589	11,363	40,573	82,954	15,394
CHUBS . . . . .	33,132	5,617	14,569	51,776	56,349	82,614
FILLETS:						
BLUE PIKE AND SAUGER . . . . .	-	-	-	1,000	680	465
LAKE HERRING . . . . .	-	-	-	-	245	170
YELLOW PERCH . . . . .	-	-	-	-	500	135
YELLOW PIKE . . . . .	-	-	-	6,630	2,325	-
OTHER FILLETS . . . . .	-	-	-	-	2,410	2,554
LAKE HERRING AND CISCO (EXCEPT FILLETS) . . . . .	14,563	2,000	37,290	9,325	-	22,965
LAKE TROUT . . . . .	1,534	-	-	5,036	15,733	22,650
PICKEREL (JACKS OR YELLOW JACK) STURGEON AND SPOONBILL CAT . . . . .	690	102	-	20,600	27,900	6,511
SUCKERS . . . . .	1,027	354	6,455	15,590	67,284	37,103
YELLOW PERCH (EXCEPT FILLETS) YELLOW PIKE (EXCEPT FILLETS) . . . . .	-	-	583	-	6,467	4,302
WHITEFISH . . . . .	8,116	370	200	23,664	55,697	8,446
UNCLASSIFIED FRESH-WATER FISH . . . . .	34,160	-	1,805	2,335	11,940	17,958
TOTAL FRESH-WATER FISH . . . . .	80,368	51,629	68,495	109,047	213,195	124,958
<b>SHELLFISH:</b>	179,469	65,861	140,760	288,321	550,362	357,426
CLAMS . . . . .	17,175	5,880	53,196	37,726	12,555	7,854
CRABS (INCLUDING CRAB MEAT) . . . . .	11,941	10,312	20,050	50,931	223,667	142,768
LOBSTER TAILS (SPINY LOBSTER) . . . . .	31,192	28,266	43,619	28,236	8,106	13,283
OYSTERS . . . . .	48,773	31,634	69,558	63,009	67,130	66,903
SCALLOPS . . . . .	177,084	174,616	50,892	266,983	432,932	444,914
SHRIMP (INCLUDING SHRIMP MEAT) SQUID . . . . .	2,930,705	2,171,006	2,383,527	2,628,280	3,659,100	4,079,433
UNCLASSIFIED SHELLFISH . . . . .	19,547	12,366	21,704	95,104	1,754,007	1,036,035
TOTAL SHELLFISH . . . . .	39,078	17,361	29,996	48,645	47,905	54,762
<b>TOTAL FISH AND SHELLFISH . . . . .</b>	3,275,495	2,451,441	2,672,942	3,218,914	6,205,402	5,847,952
<b>TOTAL FISH AND SHELLFISH . . . . .</b>	10,650,957	10,292,172	12,720,625	20,198,848	43,289,534	44,809,154

(CONTINUED ON NEXT PAGE)

## GENERAL REVIEW

## SUMMARY OF FREEZINGS, BY MONTHS, 1951 - Continued

SPECIES	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
	POUNDS						
<b>SALT-WATER FISH:</b>							
BAIT AND ANIMAL FOOD . . . . .	1,222,842	1,807,477	1,096,616	866,623	868,553	292,463	12,363,934
BLUEFISH . . . . .	14,211	36,700	65,910	88,633	3,241	4,965	459,267
BUTTERFISH . . . . .	234,515	278,841	324,460	86,118	75,320	5,752	1,181,100
COD, HADDOCK, HAKE, AND POLLOCK (EX. FILLETS) . . . . .	37,242	36,524	42,487	175,370	86,524	69,017	1,010,098
CROAKERS . . . . .	84,523	49,562	67,539	37,255	8,885	8,725	317,592
EELS . . . . .	14,924	8,947	29,870	46,717	8,084	5,260	460,445
<b>FILLETS:</b>							
COD . . . . .	636,959	316,096	483,996	621,825	457,259	258,727	4,812,219
FLOUNDER (INC. SOLE) . . . . .	887,956	1,052,390	892,130	515,242	567,461	200,207	6,828,801
HADDOCK . . . . .	2,584,396	3,217,977	2,915,646	1,106,263	476,289	240,976	20,993,415
LINGCOD . . . . .	31,075	7,773	9,321	4,571	15,145	7,505	179,496
MACKEREL . . . . .	85,429	42,582	44,592	3,871	7,660	79	299,317
POLLOCK . . . . .	272,643	179,030	277,434	290,575	585,893	1,208,624	4,046,728
OCEAN PERCH . . . . .	7,030,467	7,408,667	6,562,424	6,064,276	4,846,652	2,848,146	71,400,191
WHITING (INC. SPLIT BUTTERFLY) . . . . .	1,667,066	1,300,091	459,899	239,801	246,804	28,197	5,970,363
OTHER FILLETS . . . . .	558,546	308,640	202,013	379,836	433,255	297,370	3,379,721
FLOWNERS (INC. SOLE, FLUKE, CALIFORNIA HALIBUT, AND HALIBUT . . . . .	44,480	71,981	152,429	269,437	42,060	34,981	992,324
HERRING, SEA . . . . .	2,232,759	1,098,084	35,817	16,903	17,115	1,022	25,966,382
MACKEREL (EX. FILLETS, AND SPANISH AND KING) . . . . .	6,686	9,332	20,095	12,079	250,643	613,452	1,745,197
MULLET . . . . .	316,374	172,090	233,735	122,290	27,724	33,128	1,657,971
SABLEFISH (BLACK COD) . . . . .	11,615	40,183	92,006	282,566	212,986	456,185	1,240,816
SALMON . . . . .	1,453,987	806,713	792,976	489,488	450,413	3,695	5,154,212
KING OR CHINOOK . . . . .	768,971	1,006,432	734,657	184,114	110,094	1,681	3,800,380
SILVER OYDHO . . . . .	1,663,998	2,477,148	1,441,552	368,495	90,777	5,755	6,047,725
FALL OR CHUM . . . . .	4,879	278,189	87,121	1,863,636	741,839	7,260	2,982,924
PINK . . . . .	47,828	86,729	49,074	-	-	-	183,631
STEELHEAD TROUT . . . . .	45,048	23,402	15,287	7,403	11,016	-	109,748
UNCLASSIFIED . . . . .	103,158	53,756	16,555	141,786	9,926	50,802	404,126
SCUP (PORAGES) . . . . .	808	9,025	166,625	19,856	29,293	137,271	706,720
SEA TROUT (WEAKFISH, GRAY, AND SPOTTED) . . . . .	-	8,619	52,168	60,573	26,419	27,884	221,789
SHAD (INC. ROE SHAD) . . . . .	-	-	-	-	-	-	121,719
SHAD ROE . . . . .	-	-	-	-	-	-	39,002
SMELT . . . . .	45,408	50,211	10,146	5,637	3,942	10,100	757,552
SNOODFISH . . . . .	39,506	193,443	80,425	13,957	-	-	328,531
TUNA . . . . .	372,853	54,606	81,699	91,841	47,833	-	648,832
WHITING (SILVER HAKE): ROUND . . . . .	852,138	599,586	796,660	565,046	189,183	52,704	3,339,584
HEADED AND GUTTED (EX. FILLETS) . . . . .	10,674,295	9,166,286	2,432,000	2,198,446	1,356,367	299,228	45,519,781
UNCLASSIFIED SALT-WATER FISH . . . . .	1,196,518	1,367,691	1,880,655	993,899	937,467	1,152,163	12,551,168
TOTAL SALT-WATER FISH . . . . .	35,244,103	33,624,803	22,646,019	18,253,428	13,332,584	8,415,219	248,223,101
<b>FRESH-WATER FISH:</b>							
BAIT AND ANIMAL FOOD . . . . .	-	-	-	-	1,326,760	201,940	1,540,090
BLUE PIKE AND SAUGER (EX. FILLETS) . . . . .	-	-	600	8,010	3,566	9,105	20,214
CATFISH AND BULLHEADS . . . . .	10,824	21,232	29,293	293,769	11,475	44,766	243,681
CHUBS . . . . .	228,337	216,316	225,083	60,190	-	-	1,312,518
<b>FILLETS:</b>							
BLUE PIKE AND SAUGER . . . . .	-	-	935	2,220	2,690	1,295	9,285
LAKE HERRING . . . . .	-	-	-	8,694	73,295	10,110	92,269
YELLOW PERCH . . . . .	-	3,130	5,720	735	1,225	-	11,690
YELLOW PIKE . . . . .	-	-	8,505	12,050	230	156	29,896
OTHER FILLETS . . . . .	-	37,440	120	-	-	-	42,524
LAKE HERRING AND CISCO (EX. FILLETS) . . . . .	3,919	36,773	8,410	50,000	1,485,229	180,396	1,850,870
LAKE TROUT . . . . .	26,353	28,631	38,010	41,065	26,321	7,900	213,233
PICKEREL (JACKS OR YELLOW JACK) . . . . .	6,108	1,223	15,793	6,287	7,049	92,263	92,263
STURGEON AND SPOONBILL CAT . . . . .	46,885	60,672	13,260	14,572	40,655	3,554	307,611
SUCKERS . . . . .	-	-	-	-	755	-	2,056
TULLIBEE . . . . .	-	1,500	3,000	-	4,780	-	9,280
YELLOW PERCH (EX. FILLETS) . . . . .	2,480	17,818	16,888	22,820	10,175	1,540	83,073
YELLOW PIKE (EX. FILLETS) . . . . .	17,196	11,987	3,279	14,894	9,353	5,009	158,211
WHITEFISH . . . . .	26,481	34,380	520	16,416	53,517	9,443	208,855
UNCLASSIFIED FRESH-WATER FISH . . . . .	86,956	58,812	93,378	219,781	61,570	41,868	1,210,057
TOTAL FRESH-WATER FISH . . . . .	455,539	507,459	440,163	750,112	3,175,703	526,501	7,437,676
<b>HELLFISH:</b>							
CLAMS . . . . .	7,797	3,424	12,307	15,912	26,206	13,541	213,573
CRABS (INC. CRAB MEAT) . . . . .	188,930	173,693	82,420	29,402	8,370	14,055	956,539
LOBSTER TAILS (SPINY LOBSTER) OYSTERS . . . . .	4,936	27,599	27,304	34,495	119,226	161,270	527,088
SCALLOPS . . . . .	44,994	1,058	3,107	38,081	66,391	49,434	550,479
SHRIMP (INC. SHRIMP MEAT) . . . . .	733,802	690,626	479,605	676,251	383,831	193,715	4,705,251
SQUID . . . . .	5,255,236	6,867,338	6,619,209	10,713,217	6,383,683	4,900,537	58,591,271
UNCLASSIFIED SHELLFISH . . . . .	261,816	184,464	11,675	54,771	37,833	99,216	3,590,538
TOTAL SHELLFISH . . . . .	23,784	136,257	71,335	99,944	70,763	69,129	708,939
TOTAL FISH AND SHELLFISH . . . . .	6,520,755	8,084,459	7,307,052	11,662,080	7,096,283	5,500,897	64,843,672
TOTAL FISH AND SHELLFISH . . . . .	42,220,397	42,216,721	30,393,234	30,665,620	23,604,570	14,442,617	325,504,449

# GENERAL REVIEW

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## SUMMARY OF FREEZINGS, BY SECTIONS, 1951

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. . . . .	3,096,631	1,582,219	105,785	-	-
BLUEFISH. . . . .	11,790	435,076	11,201	-	-
BUTTERFISH. . . . .	388,670	777,630	14,800	-	-
COD, HADDOCK, HAKE, AND POLLOCK (EXCEPT FILLETS) . . . . .	788,287	100,685	-	-	-
CROAKERS. . . . .	56,101	56,101	221,614	-	-
EELS. . . . .	305,319	135,101	10,816	9,209	-
<b>FILLETS:</b>					
COD. . . . .	3,892,148	325,412	-	-	-
FLOUNDER (INC. SOLE). . . . .	4,212,527	78,203	719	-	-
HADDOCK. . . . .	20,963,186	30,229	-	-	-
MACKEREL. . . . .	295,297	4,020	-	-	-
POLLOCK. . . . .	4,045,625	1,103	-	-	-
OCEAN PERCH. . . . .	71,400,191	-	-	-	-
WHITING (INC. SPLIT BUTTERFLY). OTHER FILLETS. . . . .	5,970,363 1,796,491	3,000	195,092	-	-
FLOUNDERS (INC. SOLE, FLUKE, CALIFORNIA HALIBUT). . . . .	413,765	213,996	31,451	-	-
HALIBUT. . . . .	76,481	-	-	-	-
HERRING, SEA. . . . .	655,224	1,051,288	-	-	-
MACKEREL (EX. FILLETS, AND SPANISH AND KING). . . . .	1,057,666	342,866	-	-	-
MULLET. . . . .	-	124,200	405,884	-	-
SCUP (PORAGES). . . . .	1,380	397,849	291,191	-	-
SEA TROUT (WEAKFISH, GRAY, AND SPOTTED). . . . .	-	37,173	144,686	-	-
SHAD (INC. ROE SHAD). . . . .	7,004	2,926	25,113	-	-
SHAD ROE. . . . .	5,279	5,197	9,272	-	-
SHELT. . . . .	147,367	44,141	-	308,935	-
SWORDFISH. . . . .	291,379	-	-	-	-
TUNA. . . . .	236,333	-	-	-	-
WHITING (SILVER HAKE): ROUND. . . . .	2,371,591	967,993	-	-	-
HEADED AND GUTTED (EX. FILLETS) UNCLASSIFIED SALT-WATER FISH. . . . .	45,505,141 2,692,530	14,640 1,035,524	2,646,809	21,693	71,871
TOTAL SALT-WATER FISH. . . . .	170,627,865	7,766,572	4,114,433	339,837	71,871
<b>FRESH-WATER FISH:</b>					
BAIT AND ANIMAL FOOD. . . . .	-	-	-	30,090	1,510,000
BLUE PIKE AND SAUGER (EX. FILLETS)	-	3,270	-	16,944	-
CATFISH AND BULLHEADS. . . . .	69,703	2,015	22,443	72,105	-
CHUBS. . . . .	60,800	331,087	-	920,631	-
<b>FILLETS:</b>					
BLUE PIKE AND SAUGER. . . . .	-	2,085	-	7,200	-
LAKE HERRING. . . . .	-	-	-	92,269	-
YELLOW PERCH. . . . .	-	130	-	11,560	-
YELLOW PIKE. . . . .	-	756	-	29,140	-
OTHER FILLETS. . . . .	-	-	-	42,524	-
LAKE HERRING AND CISCO (EXCEPT FILLETS). . . . .	-	86,815	-	1,253,055	511,000
LAKE TROUT. . . . .	10,271	68,497	-	86,365	48,100
PICKEREL (JACKS OR YELLOW JACK)	-	16,964	-	57,799	17,500
STURGEON AND SPOONBILL CAT. SUCKERS. . . . .	-	282,481	-	25,130	-
TULLIBEE. . . . .	-	-	-	2,056	-
YELLOW PERCH (EX. FILLETS). YELLOW PIKE (EX. FILLETS). . . . .	-	1,822 77,256	-	3,780 81,251	-
WHITFISH. . . . .	6,163	116,549	-	80,955	-
UNCLASSIFIED FRESH-WATER FISH. . . . .	945	620,924	30,150	76,443	9,700
TOTAL FRESH-WATER FISH. . . . .	147,882	1,610,651	52,593	3,320,852	2,154,700
<b>SHELLFISH:</b>					
CLAMS. . . . .	68,911	12,814	576	-	-
CRABS (INC. CRAB MEAT). . . . .	-	64,388	473,690	-	-
LOBSTER TAILS (SPINY LOBSTER)	-	108,706	107,323	-	-
OYSTERS. . . . .	14,582	628	281,429	-	-
SCALLOPS. . . . .	3,689,140	513,716	168,906	-	-
SHRIMP (INC. SHRIMP MEAT)	69,230	1,063,833	6,773,364	-	-
SQUID. . . . .	2,168,865	1,005,396	37,587	-	-
UNCLASSIFIED SHELLFISH. . . . .	168,117	395,345	94,899	960	6,477
TOTAL SHELLFISH. . . . .	6,178,845	3,164,726	7,937,774	960	6,477
TOTAL FISH AND SHELLFISH. . . . .	176,954,592	12,541,949	12,104,800	3,661,649	2,233,048

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

(CONTINUED ON NEXT PAGE)

## GENERAL REVIEW

## SUMMARY OF FREEZINGS, BY SECTIONS, 1951 - Continued

SPECIES	SOUTH CENTRAL	PACIFIC	ALASKA	TOTAL
	POUNDS	POUNDS	POUNDS	POUNDS
<b>SALT-WATER FISH:</b>				
BAIT AND ANIMAL FOOD. . . . .	173,956	4,033,706	3,371,637	12,363,934
BLUEFISH. . . . .	1,200	-	-	459,267
BUTTERFISH. . . . .	-	-	-	1,181,100
COD, HADDOCK, HAKE, AND POLLOCK (EXCEPT FILLETS). . . . .	-	121,126	-	1,010,098
CROAKERS. . . . .	39,877	-	-	317,592
EELS. . . . .	-	-	-	460,445
<b>FILLETS:</b>				
COD. . . . .	-	594,659	-	4,812,219
FLOUNDER (INCLUDING SOLE). . . . .	-	2,537,352	-	6,828,801
HADDOCK. . . . .	-	-	-	20,993,415
LINGCOD. . . . .	-	179,496	-	179,496
MACKEREL. . . . .	-	-	-	299,317
POLLOCK. . . . .	-	-	-	4,046,728
OCEAN PERCH. . . . .	-	-	-	71,400,191
WHITING (INC. SPLIT BUTTERFLY). . . . .	-	-	-	5,970,363
OTHER FILLETS. . . . .	30,324	1,354,814	-	3,379,721
FLOUNDERS (INC. SOLE, FLUKE, AND CALIFORNIA HALIBUT). . . . .	246,367	86,745	-	992,324
HALIBUT. . . . .	-	6,961,992	18,927,909	25,966,382
HERRING, SEA. . . . .	-	38,685	-	1,745,197
MACKEREL (EX. FILLETS, AND SPANISH AND KING). . . . .	-	257,439	-	1,657,971
MULLET. . . . .	710,732	-	-	1,240,816
SABLEFISH (BLACK COD). . . . .	-	2,126,824	3,027,388	5,154,212
<b>SALMON:</b>				
KING OR CHINOOK. . . . .	-	1,973,015	1,927,365	3,800,380
SILVER OR COHO. . . . .	-	1,525,435	4,522,290	6,047,725
FALL OR CHUM. . . . .	-	1,512,121	1,470,803	2,982,924
PINK. . . . .	-	8,395	175,236	183,631
STEELHEAD TROUT. . . . .	-	98,571	11,177	109,748
UNCLASSIFIED. . . . .	-	232,769	171,357	404,126
SCUP (PORGIES). . . . .	16,300	-	-	706,720
<b>SEA TROUT (WEAKFISH, GRAY, AND SPOTTED):</b>				
SHAD (INCLUDING ROE SHAD). . . . .	39,930	-	-	221,789
SHAD ROE. . . . .	-	86,676	-	121,719
SHELT. . . . .	-	19,254	-	39,002
SMELT. . . . .	-	257,409	-	757,852
SWORDFISH. . . . .	-	36,952	-	328,531
TUNA. . . . .	-	412,499	-	648,832
<b>WHITING (SILVER HAKE):</b>				
ROUND. . . . .	-	-	-	3,339,584
HEADED AND GUTTED (EX. FILLETS). . . . .	-	-	-	45,519,781
UNCLASSIFIED SALT-WATER FISH. . . . .	1,522,863	4,128,724	431,154	12,551,168
<b>TOTAL SALT-WATER FISH. . . . .</b>	<b>2,781,549</b>	<b>28,584,658</b>	<b>33,936,316</b>	<b>248,223,101</b>
<b>FRESH WATER FISH:</b>				
BAIT AND ANIMAL FOOD. . . . .	-	-	-	1,540,030
BLUE PIKE AND SAUGER (EX. FILLETS). . . . .	-	-	-	20,214
CATFISH AND BULLHEADS. . . . .	77,415	-	-	243,681
CHUBS. . . . .	-	-	-	1,312,518
<b>FILLETS:</b>				
BLUE PIKE AND SAUGER. . . . .	-	-	-	9,285
LAKE HERRING. . . . .	-	-	-	92,269
YELLOW PERCH. . . . .	-	-	-	11,690
YELLOW PIKE. . . . .	-	-	-	29,896
OTHER FILLETS. . . . .	-	-	-	42,524
LAKE HERRING AND CISCO (EX FILLETS). . . . .	-	-	-	1,850,870
LAKE TROUT. . . . .	-	-	-	213,233
PICKEREL (JACKS OR YELLOW JACK). . . . .	-	-	-	92,263
STURGEON AND SPOONBILL CAT. . . . .	-	-	-	307,611
SUCKERS. . . . .	-	-	-	2,056
TULLIBEE. . . . .	-	-	-	9,280
YELLOW PERCH (EX. FILLETS). . . . .	-	-	-	83,073
YELLOW PIKE (EX. FILLETS). . . . .	-	-	-	158,211
WHITEFISH. . . . .	-	-	-	208,855
UNCLASSIFIED FRESH-WATER FISH. . . . .	26,840	46,743	-	1,210,057
<b>TOTAL FRESH-WATER FISH. . . . .</b>	<b>104,255</b>	<b>46,743</b>	<b>-</b>	<b>7,437,676</b>
<b>SHELLFISH:</b>				
CLAMS. . . . .	-	131,272	-	213,573
CRABS (INC. CRAB MEAT). . . . .	105,561	138,559	174,341	956,539
LOBSTER TAILS (SPINY LOBSTER). . . . .	89,381	221,672	-	527,082
OYSTERS. . . . .	84,518	169,422	-	550,479
SCALLOPS. . . . .	325,219	8,270	-	4,705,251
SHRIMP (INC. SHRIMP MEAT). . . . .	50,219,757	464,087	1,000	58,591,271
SQUID. . . . .	1,750	376,940	-	3,590,538
UNCLASSIFIED SHELLFISH. . . . .	39,149	3,992	-	708,939
<b>TOTAL SHELLFISH. . . . .</b>	<b>50,865,335</b>	<b>1,514,214</b>	<b>175,341</b>	<b>69,843,672</b>
<b>TOTAL FISH AND SHELLFISH. . . . .</b>	<b>53,751,139</b>	<b>30,145,615</b>	<b>34,111,657</b>	<b>325,504,449</b>

NOTE:--THE SECTIONS INDICATED INCLUDE THE FOLLOWING STATES: SOUTH CENTRAL--KENTUCKY, TENNESSEE, ALABAMA, MISSISSIPPI, LOUISIANA, TEXAS, AND ARKANSAS. PACIFIC--WASHINGTON, OREGON, CALIFORNIA, COLORADO, UTAH, AND MONTANA. ALASKA.

# GENERAL REVIEW

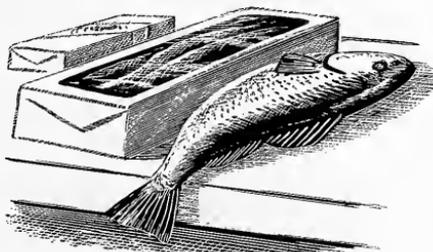
## SUMMARY OF FREEZINGS, BY SECTIONS AND MONTHS, 1951

MONTH	NEW ENGLAND	MIDDLE ATLANTIC	SOUTH ATLANTIC	NORTH CENTRAL, EAST	NORTH CENTRAL, WEST
	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
JANUARY . . . . .	4,662,636	622,178	996,981	51,768	4,310
FEBRUARY . . . . .	6,500,175	293,100	494,844	4,639	21,096
MARCH . . . . .	8,145,486	456,725	925,505	50,528	8,400
APRIL . . . . .	12,791,438	1,024,679	680,194	325,976	-
MAY . . . . .	21,641,576	1,129,909	757,435	450,176	7,185
JUNE . . . . .	27,193,717	1,360,200	733,338	143,057	33,310
JULY . . . . .	26,610,758	1,543,355	1,057,710	222,714	2,600
AUGUST . . . . .	25,350,181	1,435,671	1,108,560	255,891	20,667
SEPTEMBER . . . . .	16,114,418	1,275,756	1,497,503	292,475	30,595
OCTOBER . . . . .	12,431,704	1,158,687	1,633,487	424,584	115,950
NOVEMBER . . . . .	9,788,855	877,644	1,017,715	1,238,011	1,780,680
DECEMBER . . . . .	5,723,648	1,364,045	1,201,528	201,830	208,255
TOTAL . . . . .	176,954,592	12,541,949	12,104,800	3,661,649	2,233,048

MONTH	SOUTH CENTRAL	PACIFIC	ALASKA	TOTAL
	POUNDS	POUNDS	POUNDS	POUNDS
JANUARY . . . . .	2,677,822	459,342	1,175,920	10,650,957
FEBRUARY . . . . .	1,890,322	624,996	463,000	10,292,172
MARCH . . . . .	2,042,100	886,663	205,218	12,720,625
APRIL . . . . .	2,451,076	1,093,921	1,841,564	20,198,848
MAY . . . . .	3,618,719	4,212,148	11,472,386	43,289,534
JUNE . . . . .	3,879,272	3,269,603	8,196,657	44,809,154
JULY . . . . .	4,631,695	4,019,844	4,131,721	42,220,397
AUGUST . . . . .	6,047,532	4,486,527	3,511,692	42,216,721
SEPTEMBER . . . . .	6,199,569	3,496,966	1,485,952	30,393,234
OCTOBER . . . . .	10,042,431	3,331,143	1,527,634	30,665,620
NOVEMBER . . . . .	5,623,919	3,185,330	92,416	23,604,570
DECEMBER . . . . .	4,646,682	1,089,132	7,497	14,442,617
TOTAL . . . . .	53,751,139	30,145,615	34,111,657	325,504,449

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

- NEW ENGLAND--MAINE, MASSACHUSETTS, RHODE ISLAND AND CONNECTICUT.
- MIDDLE ATLANTIC--NEW YORK, NEW JERSEY AND PENNSYLVANIA.
- SOUTH ATLANTIC--MARYLAND, DISTRICT OF COLUMBIA, VIRGINIA, SOUTH CAROLINA, GEORGIA, AND FLORIDA.
- NORTH CENTRAL, EAST--OHIO, INDIANA, ILLINOIS, MICHIGAN, AND WISCONSIN.
- NORTH CENTRAL, WEST--MINNESOTA, IOWA, MISSOURI, NORTH DAKOTA, NEBRASKA, AND KANSAS.
- SOUTH CENTRAL--KENTUCKY, TENNESSEE, ALABAMA, MISSISSIPPI, LOUISIANA, TEXAS, AND ARKANSAS.
- PACIFIC--WASHINGTON, OREGON, CALIFORNIA, COLORADO, UTAH, AND MONTANA.
- ALASKA.



## HOLDINGS

Holdings of frozen fishery products in more than 250 domestic cold storage plants reporting to the Fish and Wildlife Service on the first of each month during 1951 averaged a record 136,631,000 pounds. The monthly average is approximately 8.3 million pounds above the average figure for the previous high year. Ten years earlier, in 1941, these holdings averaged only 79,018,000 pounds. Holdings on January 1, which were a carry-over from the 1950 stocks, were 157,722,000 pounds. The peak, reached on December 1, amounted to over 179 million pounds. The low point for holdings during the year was reached on May 1, when less than 89 million pounds were in storage. According to the geographical distribution of average monthly holdings, the New England States ranked first, followed by the Middle Atlantic, and Pacific Coast States.

## GENERAL REVIEW

## SUMMARY OF HOLDINGS, BY MONTHS, 1951

SPECIES	JANUARY 1,	FEBRUARY 1,	MARCH 1,	APRIL 1,	MAY 1,	JUNE 1,
<b>SALT-WATER FISH:</b>	<b>POUNDS</b>	<b>POUNDS</b>	<b>POUNDS</b>	<b>POUNDS</b>	<b>POUNDS</b>	<b>POUNDS</b>
BAIT AND ANIMAL FOOD. . . . .	2,612,182	3,618,420	3,381,019	3,171,627	3,424,738	3,410,637
BLUEFISH. . . . .	290,607	264,289	161,808	151,899	126,861	182,936
BUTTERFLISH. . . . .	344,729	272,484	148,946	81,984	51,108	55,975
COD, HADDOCK, HAKE, AND POLLOCK (EXCEPT FILLETS). . . . .	907,650	838,753	1,019,642	851,386	641,268	757,455
CROAKERS. . . . .	273,476	267,494	92,614	78,605	44,260	30,361
EELS. . . . .	141,568	153,946	124,144	89,255	77,129	90,933
<b>FILLETS:</b>						
<b>COO . . . . .</b>	9,219,495	7,553,373	5,469,659	5,764,076	4,938,598	5,653,231
<b>FLOUNDER (INCLUDING SOLE) . . . . .</b>	3,588,415	2,900,488	1,748,336	930,795	845,026	981,276
<b>HADDOCK . . . . .</b>	13,243,260	9,077,033	7,316,061	6,278,998	8,156,317	9,121,008
<b>LINGCOD . . . . .</b>	75,845	43,846	69,673	52,918	50,501	61,905
<b>MACKEREL . . . . .</b>	687,746	572,008	452,440	329,594	314,890	313,964
<b>POLLOCK . . . . .</b>	1,626,138	1,609,840	1,063,381	529,926	343,175	294,758
<b>OCEAN PERCH . . . . .</b>	9,720,294	6,751,981	6,182,118	8,092,635	9,996,402	12,283,097
<b>WHITING (INC. SPLIT   BUTTERFLY) . . . . .</b>	1,059,721	655,238	512,394	398,192	342,703	673,434
<b>OTHER FILLETS . . . . .</b>	3,568,396	3,387,964	2,472,626	2,342,026	1,778,768	1,667,622
<b>FLOWNERS (INC. SDLE, FLUKE,   CALIFORNIA HALIBUT). . . . .</b>	1,096,863	1,032,976	783,764	665,272	560,924	514,342
<b>HALIBUT . . . . .</b>	16,128,131	11,644,808	8,903,873	8,180,948	6,353,021	16,341,703
<b>HERRING, SEA. . . . .</b>	917,014	1,663,309	1,367,253	1,667,157	1,082,028	1,302,999
<b>MACKEREL (EX. FILLETS, AND   SPANISH AND KING). . . . .</b>	2,574,868	2,420,091	1,662,003	1,041,712	936,679	738,621
<b>MULLET. . . . .</b>	502,030	504,326	289,110	181,150	129,141	98,151
<b>SABLEFISH (BLACK COO) . . . . .</b>	2,470,200	1,904,654	1,472,753	1,115,940	1,232,487	1,166,320
<b>SALMON:</b>						
<b>KING OR CHINOOK . . . . .</b>	3,619,221	3,368,856	2,724,889	2,013,084	1,681,750	1,662,883
<b>SILVER OR COHO. . . . .</b>	4,794,365	4,146,284	3,433,307	2,747,913	2,399,936	1,875,383
<b>FALL OR CHUM. . . . .</b>	1,551,659	1,431,729	1,118,691	1,037,740	984,990	605,410
<b>PINK. . . . .</b>	13,789	15,964	1,549	2,415	3,245	2,400
<b>STEELHEAD TROUT   UNCLASSIFIED. . . . .</b>	74,396	64,842	35,568	22,657	15,583	10,676
<b>SCUP (PORIGES). . . . .</b>	1,369,753	1,196,727	580,103	768,685	707,797	354,485
<b>SEA TROUT (WEAKFISH, GRAY,   AND SPOTTED) . . . . .</b>	353,059	332,637	244,554	195,349	143,187	102,000
<b>SHAD (INC. ROE SHAD). . . . .</b>	227,734	227,027	219,824	169,721	162,409	185,418
<b>SHAD ROE. . . . .</b>	126,509	149,025	138,050	65,414	41,827	64,742
<b>SHELT . . . . .</b>	903,396	1,168,508	1,485,521	2,014,871	1,991,111	1,867,756
<b>SWORDFISH . . . . .</b>	2,671,646	2,807,669	1,824,401	1,486,977	808,269	299,830
<b>TUNA. . . . .</b>	3,724,061	569,330	99,945	529,710	541,409	476,687
<b>WHITING (SILVER HAKE):</b>						
<b>ROUND . . . . .</b>	1,384,124	1,655,490	1,020,369	294,078	158,055	231,175
<b>HEADED AND GUTTED (EXCEPT     FILLETS) . . . . .</b>	6,288,226	3,353,876	1,772,230	1,403,877	864,437	3,684,868
<b>UNCLASSIFIED SALT-WATER FISH . . . . .</b>	12,868,896	11,640,335	11,446,281	9,029,411	8,938,286	9,757,710
<b>TOTAL SALT-WATER FISH . . . . .</b>	<b>111,804,648</b>	<b>90,057,925</b>	<b>71,373,328</b>	<b>64,386,320</b>	<b>61,112,405</b>	<b>77,094,995</b>
<b>FRESH-WATER FISH:</b>						
BAIT AND ANIMAL FOOD. . . . .	1,293,730	969,435	878,885	845,560	820,108	806,335
BLUE PIKE AND SAUGER (EX. FILLETS). . . . .	461,884	443,977	192,719	234,348	167,452	146,953
CATFISH AND BULLHEADS CHUBS. . . . .	1,544,396	1,057,921	751,346	726,067	405,095	698,283
<b>FILLETS . . . . .</b>	727,672	608,392	273,111	114,432	117,708	146,355
<b>BLUE PIKE AND SAUGER. . . . .</b>	183,002	133,970	161,345	42,703	42,671	45,465
<b>LAKE HERRING. . . . .</b>	59,071	26,682	3,440	1,760	8,065	1,450
<b>YELLOW PERCH. . . . .</b>	242,760	143,628	157,629	120,641	234,886	204,393
<b>YELLOW PIKE . . . . .</b>	108,585	105,449	113,618	62,028	41,622	44,278
<b>OTHER FILLETS . . . . .</b>	356,539	53,635	50,259	33,489	54,506	33,591
<b>LAKE HERRING AND CISCO   (EXCEPT FILLETS) . . . . .</b>	1,038,124	566,485	219,476	173,053	131,386	98,142
<b>LAKE TROUT. . . . .</b>	898,605	750,081	638,209	517,978	368,811	455,886
<b>PICKEREL (JACKS OR YELLOW JACK)   STURGEDON AND SPOONBILL CAT. . . . .</b>	133,543	122,935	79,079	45,797	46,690	37,818
<b>SUCKERS. . . . .</b>	227,056	190,216	120,771	99,848	95,332	165,757
<b>TULLIBEE. . . . .</b>	5,885	5,895	7,586	1,632	1,167	2,097
<b>YELLOW PERCH (EXCEPT FILLETS). . . . .</b>	178,236	92,662	48,341	32,401	19,224	11,544
<b>YELLOW PIKE (EXCEPT FILLETS). . . . .</b>	201,293	177,753	107,323	306,587	211,493	224,964
<b>YELLOW PIKE (EXCEPT FILLETS). . . . .</b>	288,516	263,450	289,871	268,882	242,942	259,024
<b>WHITEFISH. . . . .</b>	1,882,282	1,949,327	2,036,541	1,868,135	861,578	979,095
<b>UNCLASSIFIED FRESH-WATER FISH . . . . .</b>	1,480,798	1,280,114	998,453	841,463	738,520	1,172,246
<b>TOTAL FRESH-WATER FISH . . . . .</b>	<b>11,311,677</b>	<b>8,942,007</b>	<b>7,128,002</b>	<b>6,336,804</b>	<b>4,608,256</b>	<b>5,533,676</b>
<b>SHELLFISH:</b>						
CLAMS. . . . .	370,844	344,230	341,892	374,714	417,359	398,313
CRABS (INC. CRAB MEAT). . . . .	668,071	471,652	395,111	327,475	364,441	534,630
LOBSTER TAILS (SPINY LOBSTER). . . . .	2,795,148	2,207,939	1,621,444	2,247,784	1,373,521	1,773,913
OYSTERS. . . . .	209,402	206,390	190,049	168,939	187,232	286,997
SCALLOPS. . . . .	3,399,532	3,245,106	2,597,795	2,071,538	1,790,378	1,650,470
SHRIMP (INC. SHRIMP MEAT). . . . .	25,561,528	24,110,748	22,129,345	19,158,487	17,309,561	15,838,489
SOULI. . . . .	693,447	478,441	327,015	203,399	322,251	2,130,273
UNCLASSIFIED SHELLFISH. . . . .	817,808	815,318	728,816	1,091,126	1,317,225	722,135
<b>TOTAL SHELLFISH . . . . .</b>	<b>34,605,780</b>	<b>31,879,824</b>	<b>28,332,467</b>	<b>25,646,939</b>	<b>23,082,168</b>	<b>23,315,220</b>
<b>TOTAL FISH AND SHELLFISH . . . . .</b>	<b>157,722,105</b>	<b>130,879,756</b>	<b>106,833,797</b>	<b>96,366,939</b>	<b>88,802,829</b>	<b>105,943,891</b>

(CONTINUED ON NEXT PAGE)

# GENERAL REVIEW

## SUMMARY OF HOLDINGS, BY MONTHS, 1951 - Continued

SPECIES	JULY 1,	AUGUST 1,	SEPTEMBER 1,	OCTOBER 1,	NOVEMBER 1,	DECEMBER 1,	DECEMBER 31,
	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
<b>SALT-WATER FISH:</b>							
BAIT AND ANIMAL FOOD . . .	2,953,834	2,296,392	3,084,486	3,084,803	2,846,265	3,693,231	2,812,224
BLUEFISH . . . . .	263,115	245,111	251,113	419,140	364,751	316,306	280,674
BUTTERFISH . . . . .	185,787	354,744	549,783	912,711	949,101	983,593	912,235
COD, HADDOCK, HAKE, AND COLLACK (EX. FILLETS) . . .	670,882	1,406,309	964,191	850,259	879,350	984,558	945,101
CROAKERS . . . . .	46,570	148,451	215,753	279,686	225,397	212,938	186,162
EELS . . . . .	44,125	96,812	96,087	126,000	290,676	380,773	225,521
<b>FILLETS:</b>							
COD . . . . .	5,269,097	4,847,584	5,167,307	6,046,863	5,435,359	4,506,412	3,729,655
FLOUNDER (INC. SOLE) . . .	1,337,142	1,981,814	3,251,817	3,988,726	4,478,103	5,946,294	5,626,775
HADDOCK . . . . .	9,437,688	9,735,647	10,637,704	10,953,519	8,666,751	7,425,710	5,782,391
LINGCOD . . . . .	35,952	51,198	41,306	90,866	136,425	98,694	79,468
MACKEREL . . . . .	437,921	491,795	473,353	279,413	376,990	405,371	402,052
TOTAL COD . . . . .	579,394	638,180	579,540	639,564	595,877	926,970	1,781,001
OCEAN PERCH . . . . .	13,701,716	14,720,056	16,663,706	17,842,746	18,395,729	19,718,893	20,628,354
WHITING (INC. SPLIT BUTTERFLY) . . . . .	1,553,457	1,788,372	2,330,541	1,588,236	2,152,744	2,123,759	2,009,841
OTHER FILLETS . . . . .	1,516,610	2,100,605	2,152,953	2,677,654	2,903,163	2,658,622	2,529,597
<b>FLOUNDERS (INC. SOLE, FLUKE, CALIFORNIA HALIBUT)</b>	483,001	740,307	685,410	846,935	1,157,132	721,883	961,715
HALIBUT . . . . .	23,480,406	24,206,008	23,127,936	20,808,882	18,414,092	15,921,180	12,924,368
HERRING, SEA . . . . .	1,120,855	928,938	880,711	928,874	870,122	1,081,992	1,505,134
MACKEREL (EX. FILLETS, AND SPANISH AND KING) . . . . .	1,062,739	1,473,310	1,525,008	1,707,976	1,619,229	1,273,089	1,219,136
MULLET . . . . .	86,573	90,487	105,153	198,674	566,440	1,076,559	1,159,517
SARLETT FISH (BLACK COO) . .	1,404,100	2,971,906	3,529,296	3,713,105	4,088,388	4,329,079	3,711,680
<b>SALMON:</b>							
KING OR CHINOOK . . . . .	1,836,956	2,435,350	3,267,865	3,985,236	3,443,243	3,626,278	3,053,160
SILVER OR COHO . . . . .	1,454,420	2,979,590	4,361,966	4,851,527	5,254,515	5,218,812	4,378,502
FALL OR CHUM . . . . .	593,196	222,678	789,370	773,605	1,663,962	2,504,946	1,937,271
PINK . . . . .	1,920	45,952	78,968	53,101	51,440	46,430	46,430
STEELHEAD TROUT . . . . .	14,852	47,971	59,244	41,812	43,942	54,677	42,973
UNCLASSIFIED . . . . .	369,008	401,666	899,672	711,393	1,162,040	869,802	1,019,802
SCUP (PORAGES) . . . . .	201,494	145,045	116,289	268,760	296,739	295,652	422,692
<b>SEA TROUT (WEAKFISH, GRAY, AND SPOTTED) . . . . .</b>	99,280	112,001	85,209	113,715	226,348	154,682	167,471
<b>SHAD (INC. ROE SHAD) . . . .</b>	215,184	199,352	194,166	182,684	181,416	225,876	186,811
<b>SHAD ROE . . . . .</b>	79,528	135,423	130,973	123,561	113,799	51,753	51,901
<b>SHELT . . . . .</b>	1,811,519	1,713,979	1,684,951	1,453,936	1,241,872	999,558	608,733
<b>SMORFISH . . . . .</b>	223,620	285,127	1,162,020	1,956,546	2,045,056	3,991,442	5,290,813
<b>TUNA . . . . .</b>	282,114	1,091,831	1,391,570	1,161,570	1,242,816	668,252	1,020,882
<b>WHITING (SILVER HAKE):</b>							
ROUND . . . . .	732,488	2,066,778	1,702,793	2,951,887	2,964,136	2,196,548	1,639,670
HEADED AND GUTTED (EX. FILLETS) . . . . .	12,926,599	20,193,283	24,723,381	20,962,846	19,105,488	18,358,729	16,406,930
<b>UNCLASSIFIED SALT-WATER FISH . . . . .</b>	10,430,348	13,173,964	13,560,590	15,240,250	17,556,102	17,389,386	15,726,020
<b>TOTAL SALT-WATER FISH . . . .</b>	96,942,492	116,763,116	130,732,660	132,816,661	132,005,762	131,640,729	121,612,648
<b>FRESH-WATER FISH:</b>							
BAIT AND ANIMAL FOOD . . . .	811,710	660,890	474,655	317,425	328,440	1,684,170	1,966,950
BLUE PIKE AND SAUGER (EX. FILLETS) . . . . .	190,064	68,640	48,609	65,762	383,490	443,867	373,954
CATFISH AND BULLHEADS . . .	779,069	957,596	1,275,114	959,989	942,344	1,127,486	821,492
CHUBS . . . . .	229,556	487,390	723,084	969,293	1,098,557	1,001,377	958,267
<b>FILLETS:</b>							
BLUE PIKE AND SAUGER . . .	49,253	183,780	213,286	271,601	145,763	218,471	273,295
LAKE HERRING . . . . .	2,560	699	12,039	5,890	13,404	76,125	117,525
YELLOW PERCH . . . . .	143,802	164,094	261,970	311,919	469,532	538,647	431,828
YELLOW PIKE . . . . .	54,359	50,711	43,282	44,810	92,182	94,521	131,700
OTHER HERRING AND CISCO (LAKE HERRING AND CISCO (EXCEPT FILLETS)) . . . . .	34,997	41,301	274,895	45,472	58,201	71,107	46,298
LAKE TROUT . . . . .	124,785	90,221	98,579	119,982	142,495	1,499,727	1,155,015
LAKE TROUT . . . . .	486,932	393,718	423,743	594,357	719,584	834,802	751,087
PICKEREL (JACKS OR YELLOW JACK) . . . . .	72,095	45,097	33,061	30,932	105,859	85,539	107,878
STURGEON AND SPOONBILL CAT SUCCERS . . . . .	190,950	244,731	296,445	318,577	321,542	350,464	288,633
TULLIBEE . . . . .	3,448	4,711	2,117	2,840	2,740	2,806	2,440
YELLOW PERCH (EX. FILLETS)	300	4,050	82,430	103,430	101,730	103,135	82,948
YELLOW PIKE (EX. FILLETS)	325,784	374,605	372,890	578,031	916,279	898,295	760,288
WHITEFISH . . . . .	256,415	302,449	234,832	209,589	290,788	360,888	402,840
UNCLASSIFIED FRESH-WATER FISH . . . . .	654,533	995,614	1,114,579	1,317,134	1,383,545	1,355,073	1,067,495
<b>TOTAL FRESH-WATER FISH . . .</b>	1,181,491	1,211,147	1,045,634	1,337,406	1,496,206	1,254,355	1,587,587
<b>TOTAL FISH AND SHELLFISH . .</b>	5,792,016	6,281,494	7,031,244	7,640,439	9,011,681	12,000,855	11,327,520
<b>SHELLFISH:</b>							
CLAMS . . . . .	323,126	284,732	299,801	280,218	278,048	299,128	263,447
CRABS (INC. CRAB MEAT) . . .	640,508	666,549	716,734	770,479	828,604	735,340	695,224
LOBSTER TAILS (SPINY LOBSTER) . . . . .	1,735,312	1,861,059	1,461,955	1,788,925	1,651,225	2,658,231	2,579,755
OYSTERS . . . . .	726,527	222,668	172,850	157,966	168,411	193,931	201,818
SCALLOPS . . . . .	1,985,481	2,362,968	2,449,190	2,770,392	2,558,603	2,123,400	2,195,721
SHRIMP (INC. SHRIMP MEAT) SQUID . . . . .	15,801,856	14,824,396	15,148,797	16,548,445	22,382,368	26,459,223	27,552,429
UNCLASSIFIED SHELLFISH . . .	2,893,341	2,626,094	2,513,937	2,287,934	1,993,366	2,025,031	1,595,527
TOTAL SHELLFISH . . . . .	24,616,886	23,846,043	23,864,439	25,642,509	30,906,642	35,492,972	35,851,548
<b>TOTAL FISH AND SHELLFISH . .</b>	127,351,394	146,890,653	161,628,339	166,099,609	171,924,065	179,134,556	168,791,714

## GENERAL REVIEW

## SUMMARY OF HOLDING, BY SECTIONS AND MONTHS, 1951

DATE	NEW ENGLAND	MIDDLE ATLANTIC	SOUTH ATLANTIC	NORTH CENTRAL, EAST	NORTH CENTRAL, WEST
	<u>POUNDS</u>	<u>POUNDS</u>	<u>POUNDS</u>	<u>POUNDS</u>	<u>POUNDS</u>
JANUARY 1 . . . . .	35,825,384	32,933,633	8,380,100	22,168,316	9,755,233
FEBRUARY 1 . . . . .	25,815,834	30,538,251	7,799,699	20,018,073	8,438,879
MARCH 1 . . . . .	18,645,883	24,397,354	6,695,714	17,255,311	7,075,237
APRIL 1 . . . . .	16,111,229	21,947,326	5,946,752	15,584,743	6,294,600
MAY 1 . . . . .	18,561,410	18,195,867	4,991,336	13,666,510	5,482,426
JUNE 1 . . . . .	25,885,126	19,578,535	4,643,266	12,789,286	5,606,636
JULY 1 . . . . .	37,750,916	20,048,738	4,575,798	13,941,429	6,351,359
AUGUST 1 . . . . .	49,071,145	19,513,089	5,054,339	14,314,836	6,239,921
SEPTEMBER 1 . . . . .	55,909,520	22,667,049	6,516,381	16,518,058	6,463,521
OCTOBER 1 . . . . .	51,659,212	26,293,018	6,944,482	18,119,181	6,222,574
NOVEMBER 1 . . . . .	47,086,913	27,067,786	8,861,729	20,740,300	7,314,846
DECEMBER 1 . . . . .	46,756,584	30,792,974	7,857,687	23,637,294	9,841,567
AVERAGE . . . . .	35,756,596	24,497,802	6,522,274	17,396,111	7,090,567

DATE	SOUTH CENTRAL	PACIFIC	ALASKA	TOTAL
	<u>POUNDS</u>	<u>POUNDS</u>	<u>POUNDS</u>	<u>POUNDS</u>
JANUARY 1 . . . . .	14,885,021	26,225,080	7,549,338	157,722,105
FEBRUARY 1 . . . . .	11,950,552	20,333,963	5,984,505	130,879,756
MARCH 1 . . . . .	9,365,815	19,232,871	4,165,612	106,833,797
APRIL 1 . . . . .	8,016,163	19,541,033	2,925,093	96,366,939
MAY 1 . . . . .	7,789,904	17,798,230	2,397,146	88,802,829
JUNE 1 . . . . .	7,828,400	18,461,655	11,149,987	105,943,891
JULY 1 . . . . .	8,526,598	18,417,981	17,738,575	127,351,394
AUGUST 1 . . . . .	11,028,168	22,219,135	19,450,020	146,890,653
SEPTEMBER 1 . . . . .	12,146,043	22,133,418	19,274,349	161,628,339
OCTOBER 1 . . . . .	15,308,083	24,619,082	16,933,977	166,099,609
NOVEMBER 1 . . . . .	19,253,764	27,436,384	14,162,363	171,924,085
DECEMBER 1 . . . . .	20,304,081	28,676,401	11,267,968	179,134,556
AVERAGE . . . . .	12,193,633	22,091,269	11,083,244	136,631,496

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

## COLD-STORAGE HOLDINGS OF CURED FISH

During 1951, monthly cold-storage holdings of cured herring averaged 16,303,000 pounds, while those of mild-cured salmon averaged 5,055,000 pounds. Compared with 1950, this represented an increase of approximately 29 percent in the average monthly holdings of cured herring, and an increase of 24 percent in average mild-cured salmon stocks. Cold storage stocks of cured herring were largest on September 1 when they reached nearly 22.3 million pounds. The peak period for mild-cured salmon during 1951 was on September 1, when the stocks reached almost 8 million pounds.

## SUMMARY OF HOLDINGS OF CURED FISH, BY MONTHS, 1951

DATE	SALTED			SMOKED	TOTAL
	HERRING, CURED	SALMON MILD-CURED	OTHER		
	<u>POUNDS</u>	<u>POUNDS</u>	<u>POUNDS</u>	<u>POUNDS</u>	<u>POUNDS</u>
JANUARY 1 . . . . .	10,012,352	5,464,374	3,916,915	1,501,185	20,894,826
FEBRUARY 1 . . . . .	7,563,142	4,395,586	3,338,498	1,583,103	16,880,329
MARCH 1 . . . . .	9,580,992	3,543,672	2,301,846	1,484,801	16,911,311
APRIL 1 . . . . .	11,759,843	2,512,523	3,157,472	1,499,302	18,929,140
MAY 1 . . . . .	15,383,841	2,084,259	2,871,864	2,031,666	22,371,630
JUNE 1 . . . . .	20,770,943	2,694,253	3,835,590	2,825,641	30,126,427
JULY 1 . . . . .	22,183,111	4,490,535	3,476,888	1,849,241	31,999,775
AUGUST 1 . . . . .	21,698,468	6,462,687	4,177,397	2,021,253	34,359,805
SEPTEMBER 1 . . . . .	22,266,103	7,778,498	6,306,769	1,966,499	38,317,869
OCTOBER 1 . . . . .	22,236,452	7,611,947	4,610,688	1,953,072	36,412,159
NOVEMBER 1 . . . . .	19,698,715	7,138,869	3,772,632	1,861,964	32,472,180
DECEMBER 1 . . . . .	16,233,248	6,078,993	2,580,402	1,647,940	26,540,583
DECEMBER 31 . . . . .	12,547,963	5,458,594	3,253,532	1,666,458	22,926,457

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

During 1951, the value of United States foreign trade in fishery products amounted to \$248,189,000 of which \$212,457,000 represented the value of products imported for consumption and \$35,731,000 the value of exports of domestic fishery products. The value of imports for consumption was 7 percent greater than the figure of the previous year, while the value of exports of domestic fishery products increased 30 percent during the same period. The value of fishery products entered for consumption set an all-time high during 1951. The former high year was in 1950 when the value of imports totaled over 198 million dollars.

Imports amounted to 646,668,000 pounds of edible fishery products, which were valued at \$158,363,300; and nonedible products, which were valued at \$54,094,000. Among the more important items received in much greater volume than in 1950 were fresh or frozen tuna, groundfish and other fillets, and sperm oil.

Exports of edible fishery products totaled 165,623,900 pounds of edible fishery products, valued at \$27,072,700; and nonedible products, valued at \$8,658,700. Exports of canned fish increased from 108 million pounds in 1950 to over 147 million pounds in 1951. The quantity of fish oil exported decreased 34 percent during the same period.

The data presented in the following tables are preliminary and subject to minor revisions as they have been prepared for publication prior to the issuing of "Foreign Commerce and Navigation of the United States, 1951" by the Bureau of the Census.

*These statistics have been furnished by the Bureau of Census, Department of Commerce.*

## EXPORTS OF DOMESTIC FISHERY PRODUCTS, 1951

ITEM	1951	
	POUNDS	VALUE
<b>EDIBLE FISHERY PRODUCTS</b>		
<b>FRESH OR FROZEN:</b>		
<b>FISH:</b>		
COD, HADDOCK, HAKE, POLLOCK AND CUSK. . . . .	183,017	\$53,146
SALMON. . . . .	802,016	219,820
OTHER . . . . .	4,609,995	422,663
TOTAL FISH, FRESH OR FROZEN . . . . .	5,595,028	695,629
<b>SHELLFISH:</b>		
CLAMS, SHUCKED OR IN SHELL. . . . .	533,995	28,700
LOBSTERS. . . . .	333,931	135,673
OYSTERS, IN SHELL . . . . .	38,887	11,854
OYSTERS, SHUCKED. . . . .	681,036	414,384
SHRIMP. . . . .	761,968	468,481
OTHER . . . . .	95,449	34,756
TOTAL SHELLFISH, FRESH OR FROZEN. . . . .	2,445,266	1,093,648
TOTAL FRESH AND FROZEN FISH AND SHELLFISH . . . . .	8,040,294	1,789,477
<b>CANNED:</b>		
<b>FISH:</b>		
COD, HADDOCK, HAKE, POLLOCK, AND CUSK. . . . .	11,965	4,891
HERRING . . . . .	3,321,296	426,792
MACKEREL. . . . .	7,081,326	931,661
SALMON. . . . .	2,060,392	1,006,652
SARDINES. . . . .	126,660,960	18,529,311
TUNA. . . . .	319,009	212,417
OTHER . . . . .	7,839,984	998,162
TOTAL FISH, CANNED. . . . .	147,294,932	22,209,886
<b>SHELLFISH: 1/</b>		
CLAMS . . . . .	50,196	16,282
CRABS AND CRAB MEAT . . . . .	47,266	54,426
OYSTERS . . . . .	80,945	69,353
SHRIMP. . . . .	1,550,337	1,162,065
OTHER . . . . .	7,279,984	1,193,377
TOTAL SHELLFISH, CANNED . . . . .	9,008,728	2,495,503
TOTAL CANNED FISH AND SHELLFISH . . . . .	156,303,660	24,705,389

## GENERAL REVIEW

## EXPORTS OF DOMESTIC FISHERY PRODUCTS, 1951 - Continued

ITEM	1951	
	POUNDS	VALUE
EDIBLE FISHERY PRODUCTS - CONTINUED		
CURED:		
FISH AND SHELLFISH:		
SALTED, PICKLED OR DRY-CURED:		
COD, HADDOCK, HAKE, POLLOCK AND CUSK. . . . .	298,888	\$70,935
HERRING . . . . .	119,654	33,494
SALMON. . . . .	60,628	34,714
OTHER FISH. . . . .	130,303	23,049
SHRIMP. . . . .	579,865	363,403
OTHER SHELLFISH . . . . .	4,150	1,617
TOTAL FISH AND SHELLFISH, SALTED, PICKLED OR DRY-CURED	1,193,488	527,212
SMOKED OR KIPPERED, MISCELLANEOUS FISH. . . . .	33,233	16,224
TOTAL CURED FISH AND SHELLFISH . . . . .	1,226,721	543,436
OTHER FISH AND SHELLFISH NOT ESPECIALLY PROVIDED FOR. . . . .	53,260	34,421
TOTAL EDIBLE PRODUCTS. . . . .	165,623,935	27,072,723
NON-EDIBLE FISHERY PRODUCTS		
	UNIT	QUANTITY
OILS, FISH AND MARINE ANIMAL FISH OILS (EXCEPT MEDICINAL) . . . . .	POUNDS	49,840,319
WHALE AND SPERM OIL . . . . .	DO	\$6,705,404
TOTAL OIL. . . . .	DO	88,075
		6,793,479
FISH MEAL FOR FEED. . . . .	TONS	(2)
FUR, FUR SEAL, DRESSED OR DYED. . . . .	NUMBER	677,800
REPTILIAN AND AQUATIC LEATHER . . . . .	POUNDS	408,459
OYSTER AND OTHER MOLLUSK SHELLS FOR FEED. . . . .	TONS	473,845
SHELLS UNMANUFACTURED . . . . .	POUNDS	291,930
BUTTONS OF PEARL OR SHELL . . . . .	GROSS	(2)
SPONGES . . . . .	-	13,215
TOTAL NON-EDIBLE PRODUCTS. . . . .	-	8,658,728
GRAND TOTAL. . . . .	-	35,731,451

1/ CANNED LOBSTERS WHICH WERE FORMERLY SHOWN HAVE BEEN DELETED AS IT HAS BEEN FOUND THAT THIS ITEM IS NOT A U. S. EXPORT.

2/ THIS ITEM CANNOT BE SHOWN AS THE CLASSIFICATION CODE INCLUDES OTHER ITEMS NOT RELATED TO FISH.

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

## IMPORTS OF FISHERY PRODUCTS ENTERED FOR CONSUMPTION, 1951

ITEM	1951	
	POUNDS	VALUE
EDIBLE FISHERY PRODUCTS		
FRESH OR FROZEN:		
FISH:		
WHETHER OR NOT WHOLE (EXCEPT FILLETS, STEAKS, ETC.):		
FRESH-WATER:		
BLUE PIKE. . . . .	581,100	\$150,600
CHUBS. . . . .	318,259	62,245
EELS (FRESH AND SALT-WATER). . . . .	728,959	113,196
LAKE HERRING AND CISCOES . . . . .	413,336	154,609
LAKE TROUT . . . . .	3,183,925	1,054,607
MULLET (CATASTOMUS). . . . .	1,014,737	95,371

(CONTINUED ON NEXT PAGE)

## IMPORTS OF FISHERY PRODUCTS ENTERED FOR CONSUMPTION, 1951 - Continued

ITEM	1951	
	POUNDS	VALUE
EDIBLE FISHERY PRODUCTS - CONTINUED		
FRESH OR FROZEN - CONTINUED		
FISH - CONTINUED		
WHETHER OR NOT WHOLE (EXCEPT FILLETS, STEAKS, ETC.) - CONTINUED		
FRESH-WATER - CONTINUED		
PIKE OR PICKEREL . . . . .	2,311,065	\$336,177
SAUGER. . . . .	3,522,062	846,194
TULLIBEE. . . . .	291,354	36,131
WHITEFISH . . . . .	14,939,951	4,799,581
YELLOW PERCH. . . . .	726,007	139,406
YELLOW PIKE . . . . .	9,350,967	2,742,419
OTHER . . . . .	18,091,735	3,642,405
TOTAL FRESH-WATER FISH. . . . .	55,473,457	14,172,941
SALT-WATER:		
COD, HADDOCK, HAKE, POLLOCK, AND CUSK . . . . .	8,631,538	788,535
HALIBUT . . . . .	15,987,568	4,175,955
MACKEREL:		
FRESH . . . . .	2,279,996	262,748
FROZEN. . . . .	2,208,805	275,512
SALMON. . . . .	27,526,258	7,505,262
SEA HERRING:		
FRESH . . . . .	39,736,190	765,164
FROZEN. . . . .	1,355,241	88,316
SHAD. . . . .	320,104	42,432
SMELT . . . . .	6,053,567	1,260,223
STURGEON:		
FRESH . . . . .	325,147	293,434
FROZEN. . . . .	58,016	41,103
SWORDFISH:		
FRESH . . . . .	2,460,947	1,077,935
FROZEN. . . . .	6,227,559	1,530,617
TUNA. . . . .	62,085,253	7,868,342
WHITE SEA BASS. . . . .	995,129	123,027
OTHER . . . . .	8,030,191	1,077,688
TOTAL SALT-WATER FISH . . . . .	184,279,539	27,176,293
FILLETS, STEAKS, ETC.:		
COD, HADDOCK, HAKE, POLLOCK, CUSK, AND OCEAN PERCH . . . . .	87,639,357	16,740,914
OTHER . . . . .	45,527,585	14,041,755
TOTAL FILLETS, STEAKS, ETC. . . . .	133,166,942	30,782,669
TOTAL FISH FRESH OR FROZEN. . . . .	372,919,938	72,131,903
SHELLFISH, ETC.:		
CLAMS (IN SHELL OR SHUCKED, MAY INCLUDE SOME PRESERVED OR PREPARED). . . . .	4,258,277	963,711
CRABS:		
FRESH OR FROZEN (INCLUDES PREPARED OR PRESERVED, EXCEPT CANNED). . . . .	98,966	23,575
CRAB MEAT (FRESH-COOKED). . . . .	15,670	13,717
LOBSTERS:		
COMMON (INCLUDES FRESH-COOKED MEAT) . . . . .	23,557,694	11,144,317
SPINY . . . . .	14,758,379	8,613,200
OYSTERS:		
EXCEPT SEED OYSTERS . . . . .	17,020	4,239
OTHER (PRINCIPALLY SEED OYSTERS). . . . .	7,287,738	319,008
SCALLOPS:		
FRESH . . . . .	148,529	64,724
OTHER (PRINCIPALLY FROZEN). . . . .	599,816	239,342
SHRIMP AND PRAWN (MAY INCLUDE SOME DRIED AND CANNED). . . . .	41,823,913	19,409,065
FROG LEGS 1/2 . . . . .	1,424,171	1,192,849
TURTLES (LIVE ONLY) . . . . .	1,491,899	84,729
TOTAL SHELLFISH, ETC. FRESH OR FROZEN . . . . .	95,482,072	42,072,476
TOTAL FRESH AND FROZEN FISH, SHELLFISH, ETC. . . . .	468,402,010	114,204,379
CANNED:		
FISH:		
ANCHOVIES:		
IN OIL . . . . .	4,981,711	2,828,286
NOT IN OIL . . . . .	574,729	122,620
SALMON, NOT IN OIL. . . . .	568,045	192,631
SARDINES:		
IN OIL . . . . .	19,324,088	7,057,733
NOT IN OIL (INCLUDES HERRING) . . . . .	9,965,446	1,941,637
TUNA, IN OIL . . . . .	3,618,565	1,411,000

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

## GENERAL REVIEW

IMPORTS OF FISHERY PRODUCTS ENTERED  
FOR CONSUMPTION, 1951 - Continued

ITEM	1951	
	POUNDS	VALUE
EDIBLE FISHERY PRODUCTS - CONTINUED		
CANNED - CONTINUED		
FISH - CONTINUED		
BONITO AND YELLOWTAIL, IN OIL . . . . .	10,437,318	\$3,035,549
TUNA, ANTIPASTO, AND SMOKED POLLOCK, NOT IN OIL (PRINCIPALLY TUNA)	9,351,758	3,097,236
ANTIPASTO, IN OIL . . . . .	246,431	152,350
FISH CAKES, BALLS AND PUDDING . . . . .	1,192,743	187,047
CAVIAR AND OTHER FISH ROE (MAY INCLUDE SOME NOT CANNED) . . . . .	521,365	548,274
FISH PASTE AND SAUCE . . . . .	109,347	45,089
OTHER:		
IN OIL . . . . .	650,200	310,087
NOT IN OIL . . . . .	2,438,520	728,158
TOTAL CANNED FISH . . . . .	63,980,266	21,657,697
SHELLFISH, ETC.:		
ABALONE (MAY INCLUDE FRESH, DRIED AND CANNED PASTE AND SAUCE) . . . . .	4,662,535	1,479,398
CLAMS:		
RAZOR . . . . .	36,003	17,651
OTHER . . . . .	437,553	152,640
CHOWDER, JUICE, ETC. . . . .	15,964	3,712
CRAB MEAT (INCLUDES PASTE AND SAUCE) . . . . .	1,967,789	2,099,914
LOBSTER MEAT:		
COMMON . . . . .	1,498,550	1,995,504
SPINY . . . . .	1,965,899	1,400,987
OYSTERS AND OYSTER JUICE . . . . .	1,020,387	540,397
SHELLFISH PASTE AND SAUCE:		
LOBSTER . . . . .	42,576	28,363
OTHER (EXCEPT LOBSTER AND CRAB) . . . . .	113,401	42,591
OTHER SHELLFISH . . . . .	1,188,273	416,614
TOTAL CANNED SHELLFISH . . . . .	12,948,930	8,177,761
TOTAL CANNED FISH, SHELLFISH, ETC. . . . .	76,929,196	29,835,458
CURED:		
DRIED (UNSALTED):		
COD, HADDOCK, HAKE, POLLOCK AND CUSK . . . . .	863,771	261,854
SHARK FINS . . . . .	116,153	112,474
OTHER . . . . .	494,485	173,052
TOTAL DRIED (UNSALTED) . . . . .	1,474,409	547,380
PICKLED OR SALTED:		
ALEVINES		
COD, HADDOCK, HAKE, POLLOCK, AND CUSK:	522,010	58,472
SKINNED OR BDNED . . . . .	6,682,902	1,546,330
OTHER . . . . .	44,957,409	5,952,350
HERRING . . . . .	35,146,768	3,431,643
MACKEREL . . . . .	3,557,299	583,006
SALMON . . . . .	425,833	217,907
OTHER . . . . .	772,847	265,018
TOTAL PICKLED OR SALTED . . . . .	92,065,068	12,054,726
SMOKED OR KIPPERED:		
COD, HADDOCK, HAKE, POLLOCK, AND CUSK:	224,963	59,548
WHOLE, OR BEHEADED OR EVICERATED OR BOTH . . . . .	2,962,561	716,052
FILLETS, STEAKS, ETC. . . . .		
HERRING:		
WHOLE OR BEHEADED:	1,118,129	101,643
HARD DRY-SMOKED . . . . .	233,510	31,246
OTHER . . . . .	921,740	183,050
BONED . . . . .	958,237	161,538
NOT BONED (EVISCERATED, SPLIT) . . . . .	22,070	14,438
SALMON . . . . .	123,441	24,961
OTHER . . . . .		
TOTAL SMOKED OR KIPPERED . . . . .	6,564,651	1,294,476
TOTAL CURED . . . . .	100,104,128	13,896,582
OTHER FISH AND SHELLFISH, NOT ESPECIALLY PROVIDED FOR . . . . .	1,232,428	426,858
TOTAL EDIBLE FISHERY PRODUCTS . . . . .	646,667,762	158,363,287

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

## IMPORTS OF FISHERY PRODUCTS ENTERED FOR CONSUMPTION, 1951 - Continued

ITEM	UNIT	1951	
NON-EDIBLE FISHERY PRODUCTS	UNIT	QUANTITY	VALUE
<b>OILS, FISH AND MARINE ANIMAL:</b>			
<b>COD:</b>			
INDUSTRIAL . . . . .	GALLONS	650,570	\$691,521
MEDICINAL . . . . .	DO	1,993,556	4,298,777
HALIBUT LIVER . . . . .	DO	1,821	72,907
HERRING . . . . .	DO	1,504,505	1,516,952
<b>SHARK, INCLUDING GRAYFISH:</b>			
BODY . . . . .	DO	101,198	145,615
LIVER . . . . .	DO	911,134	2,951,700
SOD . . . . .	DO	18,721	14,101
<b>WHALE:</b>			
SPERM, REFINED . . . . .	DO	67,807	58,637
SPERM, CRUDE . . . . .	DO	5,723,541	5,807,269
OTHER . . . . .	DO	83,119	87,670
SEAL . . . . .	DO	443	270
<b>OTHER:</b>			
BODY . . . . .	DO	40,166	86,238
LIVER . . . . .	DO	87,539	2,208,871
TOTAL FISH AND MARINE ANIMAL OILS . . . . .	DO	11,184,120	17,940,528
<b>PEARLS:</b>			
CULTIVATED . . . . .	-	-	2,747,653
NATURAL . . . . .	-	-	449,379
TOTAL PEARLS . . . . .	-	-	3,197,032
<b>SHELLS AND BUTTONS:</b>			
<b>SHELLS, UNMANUFACTURED:</b>			
MOTHER-OF-PEARL . . . . .	POUNDS	5,775,668	2,554,690
TORTOISE SHELL . . . . .	DO	1,854	2,869
OTHER . . . . .	DO	6,914,946	1,434,918
SHELL AND MOTHER-OF-PEARL ORNAMENTED . . . . .	-	-	49,896
OCEAN AND FRESH WATER PEARL OR SHELL . . . . .	-	-	-
BUTTONS AND BLANKS . . . . .	GROSS	1,467,202	1,029,957
TOTAL SHELL AND BUTTONS . . . . .	-	-	5,072,330
<b>SPONGES:</b>			
HARDHEAD OR REEF . . . . .	POUNDS	967	5,213
SHEEPSWOL . . . . .	DO	40,147	187,730
VELVET . . . . .	DO	40	517
YELLOW AND GRASS . . . . .	DO	10,235	21,106
OTHER . . . . .	DO	227,108	1,927,684
TOTAL SPONGES . . . . .	DO	278,497	2,142,250
AGAR-AGAR . . . . .	DO	285,689	207,447
AMBERGRIS . . . . .	DO	297	9,582
AQUARIUM FISH (INC. GOLOFISH) . . . . .	-	-	75,882
<b>AQUATIC LEATHERS:</b>			
<b>FISH:</b>			
SHARK SKINS, RAW OR SALTED . . . . .	POUNDS	50,868	20,115
OTHER FISH SKINS, RAW OR SALTED . . . . .	DO	2,943,354	70,513
REPTILE SKINS, (RAW) . . . . .	PIECES	6,267,940	5,264,330
REPTILIAN AND SKARK SKINS AND PRODUCTS . . . . .	-	-	3,673,551
<b>SEAL SKINS:</b>			
RAW (NOT FUR SKINS) . . . . .	POUNDS	695,834	429,962
<b>FUR:</b>			
NOT DRESSED . . . . .	NUMBER	27,454	126,546
NOT DYED . . . . .	DO	177	11,084
DYED-DRESSED . . . . .	DO	2,981	105,724
WALRUS . . . . .	POUNDS	4,772	8,364
<b>BONE:</b>			
CUTTLEFISH . . . . .	DO	158,450	28,315
WHALE AND MANUFACTURES OF . . . . .	-	-	8,526
CORAL, UNCUT, UNMANUFACTURED . . . . .	POUNDS	131,403	9,992
COD LIVER OIL CAKE AND MEAL . . . . .	DO	2,256,441	129,332
FISH (OTHER THAN FOR HUMAN CONSUMPTION) . . . . .	-	-	421,980
FISH SOUNDS . . . . .	POUNDS	113,423	53,118
GLUE . . . . .	DO	546,429	107,503
ISINGLASS . . . . .	DO	34,280	20,950
KELP . . . . .	DO	1,249,605	70,345
LIVERS (EXC. VISCERA, GLANDS, ETC.) . . . . .	DO	2,003,744	225,189
MOSS AND SEAWEEDS, DYED OR MANUFACTURED . . . . .	-	-	257,592
PEARL ESSENCE . . . . .	DO	240	4,794
<b>SCRAP AND MEAL:</b>			
ANIMAL FEED . . . . .	TONS	98,499	11,610,193
FERTILIZER . . . . .	DO	29,979	2,765,325
SODIUM ALGINATE . . . . .	POUNDS	5,480	4,669
SPERMICETI WAX . . . . .	DO	6,069	1,072
TOTAL NON-EDIBLE FISHERY PRODUCTS . . . . .	-	-	54,094,135
GRAND TOTAL . . . . .	-	-	212,457,422

1/ INCLUDES A SMALL QUANTITY PRESERVED.

NOTE:--THE DATA INCLUDE IMPORTS TO UNITED STATES TERRITORIES AND POSSESSIONS. IMPORT QUANTITIES ARE LISTED BY THE BUREAU OF CENSUS AND MAY INCLUDE THE WEIGHT OF THE IMMEDIATE CONTAINER FOR SOME ITEMS.

## GENERAL REVIEW

## IMPORTS OF CANNED SARDINES IN OIL BY COUNTRY, 1951

COUNTRY	POUNDS	VALUE
NORWAY . . . . .	13,490,860	\$4,625,575
FRENCH MOROCCO . . . . .	620,376	195,503
DENMARK . . . . .	699,211	253,824
PORTUGAL . . . . .	3,891,581	1,718,222
ALL OTHERS . . . . .	622,060	264,609
TOTAL . . . . .	19,324,088	7,057,733

## IMPORTS OF CANNED TUNA IN OIL BY COUNTRY, 1951

COUNTRY	POUNDS	VALUE
PERU . . . . .	937,419	\$308,523
JAPAN . . . . .	2,456,747	1,021,495
ALL OTHERS . . . . .	224,399	80,982
TOTAL . . . . .	3,618,565	1,411,000

## IMPORTS OF TUNA, ANTIPASTO, AND SMOKED POLLOCK, 1951

COUNTRY	POUNDS	VALUE
PERU . . . . .	596,487	\$143,026
JAPAN . . . . .	8,627,091	2,919,894
ALL OTHERS . . . . .	128,180	34,316
TOTAL . . . . .	9,351,758	3,097,236

NOTE:--CONSISTS PRIMARILY OF CANNED TUNA IN BRINE.

## IMPORTS OF CANNED BONITO AND YELLOWTAIL BY COUNTRY, 1951

COUNTRY	POUNDS	VALUE
PERU . . . . .	9,437,090	\$2,792,584
CHILE . . . . .	980,401	236,624
ALL OTHERS . . . . .	19,827	6,341
TOTAL . . . . .	10,437,318	3,035,549

## IMPORTS OF FRESH AND FROZEN TUNA BY COUNTRY, 1951

COUNTRY	POUNDS	VALUE
NICARAGUA . . . . .	230,000	\$34,500
COSTA RICA . . . . .	830,938	99,713
CANAL ZONE . . . . .	3,790,000	596,497
ECUADOR . . . . .	89,807	112,793
PERU . . . . .	20,237,879	1,780,894
CHILE . . . . .	164,657	19,878
UNITED KINGDOM . . . . .	136,000	9,300
JAPAN . . . . .	35,727,729	5,204,474
ALL OTHERS . . . . .	71,243	10,293
TOTAL . . . . .	62,085,253	7,868,342

IMPORTS OF SHRIMP BY COUNTRY, 1951<sup>1/</sup>

COUNTRY	POUNDS	VALUE
MEXICO . . . . .	39,575,128	\$18,054,900
PANAMA . . . . .	1,218,200	722,524
CANAL ZONE . . . . .	657,350	406,691
ALL OTHERS . . . . .	373,235	224,950
TOTAL . . . . .	41,823,913	19,409,065

<sup>1/</sup> PRIMARILY FRESH AND FROZEN.

## IMPORTS OF FILLETS, STEAKS, ETC., BY COUNTRY, 1951

COUNTRY	POUNDS	VALUE
<b>GROUND FISH (INCLUDING OCEAN PERCH)</b>		
CANADA . . . . .	57,584,747	\$11,423,940
ICELAND . . . . .	24,517,934	4,270,965
NORWAY . . . . .	4,239,707	830,786
DENMARK . . . . .	238,195	45,698
GERMANY . . . . .	465,786	54,389
ALL OTHERS . . . . .	592,988	115,136
TOTAL . . . . .	87,639,357	16,740,914
<b>OTHER THAN GROUND FISH</b>		
CANADA . . . . .	25,104,569	9,024,094
ICELAND . . . . .	3,245,063	766,581
NORWAY . . . . .	5,892,189	1,087,936
DENMARK . . . . .	1,674,447	418,783
UNITED KINGDOM . . . . .	977,090	212,565
JAPAN . . . . .	6,958,264	2,034,253
ALL OTHERS . . . . .	1,675,963	497,543
TOTAL . . . . .	45,527,585	14,041,755

## SECTION 2 - NEW ENGLAND FISHERIES

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

The 1951 catch of fish and shellfish in the coastal areas of the New England States, (Maine, New Hampshire, Massachusetts, Rhode Island, and Connecticut) totaled 916,807,600 pounds, valued at \$67,431,668 to the fishermen. This represented a decrease of 89,781,900 pounds or 9 percent in quantity but an increase of \$6,855,178 or 11 percent in value compared with the landings of the previous year. Ocean perch receipts (258,320,100 pounds) were over 50 million pounds greater than they were in 1950, while haddock landings (153,290,700 pounds) were approximately 4 million pounds less than the previous year. Herring landings were about 130 million pounds less than in the previous year.

During 1951, the demand for fresh fish at the docks in the New England area was good with a generally steady market becoming strong at times, and prices were higher than they were the previous year. The seemingly healthy condition was ascribable mainly to the national emergency caused by the outbreak of hostilities in Korea in June 1950, and carrying with it an inflated economy which affected the marketing of most food items. Demand for fresh fish was good as the year opened, and the market steady. This was contrary to normal conditions when demand is usually light and the market dull after the end-of-the-year holidays. Demand continued good for the first three months and fell off only slightly in April near the close of Lent, when the market weakened. This condition lasted only a few weeks as the demand improved in May and continued good through September, with only a slight decline in mid-July. Supplies were very short the last three months, and demand was good to very good.

The market for all frozen fish was very good from the beginning of 1951 to the end of March. There was then a seasonal decline in demand due to the approaching warmer weather and increased supplies of fresh fish, but it was not as sharp as in most years. The frozen-fish market continued to gradually slacken to its weakest point in mid-summer, but was stronger than normal during most of this time. With cooler fall weather, demand improved and the market became stronger. This continued until the last few weeks of the year when there was a normal seasonal decline. As the year closed, supplies of haddock and cod fillets were light and well below those at the beginning of the year. Stocks of ocean perch fillets and headed and gutted whiting were at very high levels, due to increased imports of ocean perch fillets from Iceland and heavy whiting landings at many of the New England ports. Supplies of the other species were about moderate.

Scrod haddock continued to be the main support of the Boston offshore fleet and landings of this species were substantial through the first nine months. However, by early fall the catch of this fish commenced to dwindle. As the year ended, large haddock made up the greater part of the offshore catch.

Generally, the weather at sea in the North Atlantic was more severe than for the few preceding years. The first and last quarters saw some very bad weather with heavy storms that hindered the fishermen greatly. Early in October, winds of hurricane force struck the fishing areas and caused damage to some fishing craft. The weather during November and December was unusually bad. Fortunately from April through September, fair weather prevailed with only a few small storms and some mid-summer fog.

The Fish and Wildlife Service's experimental trawler *Delaware*, operated by the Technology Section of the Branch of Commercial Fisheries from its base at East Boston, Massachusetts, commenced trial cruises on freezing fish in-the-round at sea in June 1951. These experiments were conducted to determine whether it would be technically

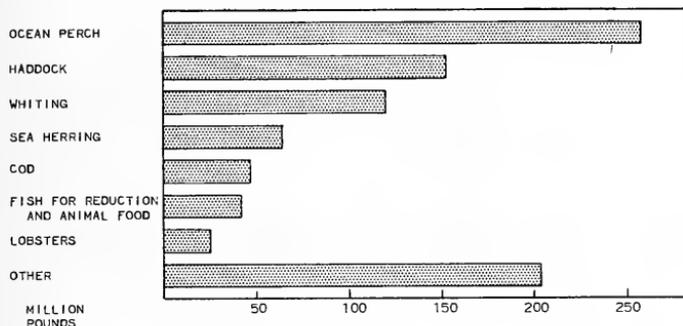
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<sup>2</sup> This number was assigned to this area by the North American Council on Fishery Investigations.

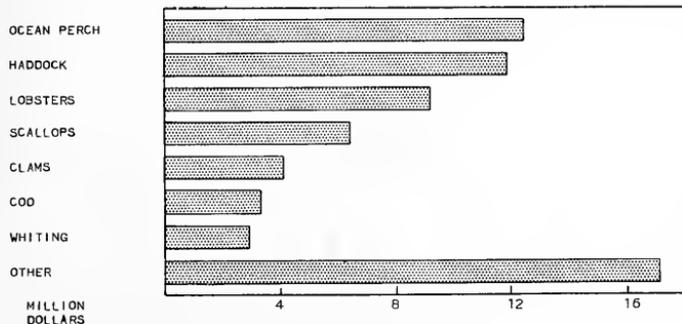
and economically feasible to freeze fish at sea on the large trawlers operating out of Boston and other New England ports. Six trips were made during the year to obtain frozen and iced samples of groundfish. These samples were compared for quality at the Service's pilot plant in East Boston.

The following tables contain summarized and detailed information on the 1950 operating units and catch of the fisheries in 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. 893. Historical data on the fisheries of the New England States may be found in "Fishery Statistics of the United States, 1950", (Statistical Digest No. 27).

## NEW ENGLAND STATES CATCH, 1951



## VALUE OF NEW ENGLAND STATES CATCH, 1951



# NEW ENGLAND FISHERIES SECTIONAL SUMMARIES

## SUMMARY OF CATCH, 1951

PRODUCT	MAINE		NEW HAMPSHIRE		MASSACHUSETTS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FISH . . . . .	192,936,800	\$6,390,312	49,800	\$4,238	605,328,700	\$36,413,732
SHELLFISH, ETC. . . . .	30,114,200	9,215,735	538,700	211,239	27,860,200	10,400,990
TOTAL . . . . .	223,051,000	15,606,047	587,500	215,477	633,188,900	46,814,722

PRODUCT	RHODE ISLAND		CONNECTICUT		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FISH . . . . .	42,007,800	\$1,566,732	9,773,200	\$722,074	850,095,300	\$45,117,088
SHELLFISH, ETC. . . . .	6,787,500	1,909,442	1,411,700	577,174	66,712,300	22,314,580
TOTAL . . . . .	48,795,300	3,496,174	11,184,900	1,299,248	916,807,600	67,431,668

## SUMMARY OF OPERATING UNITS, 1951

ITEM	MAINE	NEW HAMPSHIRE	MASSACHUSETTS	RHODE ISLAND	CONNECTICUT	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
<b>FISHERMEN:</b>						
ON VESSELS . . . . .	1,009	-	4,948	605	405	6,100
ON BOATS AND SHORE:						
REGULAR . . . . .	5,346	153	1,706	579	104	7,888
CASUAL . . . . .	2,468	600	3,950	1,234	1,399	9,651
TOTAL . . . . .	8,823	753	10,604	2,418	1,908	23,639
<b>VESSELS:</b>						
MOTOR . . . . .	157	-	647	131	96	878
NET TONNAGE . . . . .	4,952	-	24,410	2,618	1,944	29,503
STEAM . . . . .	-	-	-	-	3	3
NET TONNAGE . . . . .	-	-	-	-	191	191
TOTAL VESSELS . . . . .	157	-	647	131	99	881
TOTAL NET TONNAGE . . . . .	4,952	-	24,410	2,618	2,135	29,694
<b>BOATS:</b>						
MOTOR . . . . .	4,537	209	1,954	1,353	739	8,792
OTHER . . . . .	1,827	98	1,450	325	549	4,249
ACCESSORY BOATS . . . . .	14	-	105	35	10	148
<b>APPARATUS:</b>						
<b>PURSE SEINES:</b>						
MACKEREL . . . . .	6	-	35	2	-	41
LENGTH, YARDS . . . . .	1,900	-	16,340	1,120	-	18,240
MENHADEN . . . . .	1	-	1	2	-	3
LENGTH, YARDS . . . . .	250	-	375	420	-	795
OTHER . . . . .	57	-	1	-	-	58
LENGTH, YARDS . . . . .	19,450	-	330	-	-	19,780
HAUL SEINES, COMMON . . . . .	2	-	5	5	85	97
LENGTH, YARDS . . . . .	200	-	148	1,100	7,109	8,557
STOP SEINES . . . . .	144	-	-	-	-	144
LENGTH, YARDS . . . . .	55,590	-	-	-	-	55,590
<b>GILL NETS:</b>						
ANCHOR . . . . .	-	-	17	-	-	17
SQUARE YARDS . . . . .	-	-	152,301	-	-	152,301
DRIFT . . . . .	64	-	53	-	79	196
SQUARE YARDS . . . . .	82,880	-	348,533	-	60,402	491,815
STAKE . . . . .	5	-	-	-	-	5
SQUARE YARDS . . . . .	300	-	-	-	-	300
<b>LINES:</b>						
HAND . . . . .	727	450	658	251	199	2,285
HOOKS . . . . .	2,251	900	703	251	287	4,392
TRAWL OR TROT, WITH						
HOOKS . . . . .	11,754	96	143	4	16	12,008
HOOKS . . . . .	648,200	4,800	541,550	1,600	8,000	1,198,550
TROLL . . . . .	-	-	-	47	-	47
HOOKS . . . . .	-	-	-	47	-	47
POUND NETS . . . . .	-	-	73	-	12	85
FLOATING TRAPS . . . . .	8	-	41	16	-	65
STOP NETS . . . . .	-	-	-	-	15	15
LENGTH, YARDS . . . . .	-	-	-	-	447	447

(CONTINUED ON NEXT PAGE)

## SUMMARY OF OPERATING UNITS, 1951 - Continued

ITEM	MAINE	NEW HAMPSHIRE	MASSACHUSETTS	RHODE ISLAND	CONNECTICUT	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
<b>APPARATUS-CONTINUED</b>						
WEIRS . . . . .	212	-	-	-	1	213
FYKE NETS, FISH . . . . .	25	-	-	-	18	43
DIP NETS, COMMON. . . . .	109	-	104	-	871	1,084
BAG NETS, . . . . .	38	-	-	-	-	38
LIFT NETS . . . . .	18	-	-	-	-	18
OTTER TRAWLS, FISH. . . . .	143	-	578	135	121	977
YARDS AT MOUTH. . . . .	3,412	-	15,347	3,265	2,024	24,048
TRAPS, BOX. . . . .	5	-	-	-	-	5
<b>POTS:</b>						
CRAB. . . . .	-	-	2,071	100	-	2,171
EEL . . . . .	-	-	44	590	852	1,486
LOBSTER . . . . .	382,926	22,080	80,561	8,788	13,572	507,927
PERIWINKLE AND COCKLE . . . . .	-	-	110	490	215	815
HARPOONS. . . . .	78	-	20	8	2	106
SPEARS. . . . .	-	-	-	-	2	2
<b>DREDGES:</b>						
CLAM. . . . .	-	-	34	25	2	61
YARDS AT MOUTH. . . . .	-	-	22	26	2	50
OYSTER, COMMON. . . . .	-	-	9	10	60	79
YARDS AT MOUTH. . . . .	-	-	7	15	90	112
SCALLOP . . . . .	100	-	2,651	1,649	16	4,403
YARDS AT MOUTH. . . . .	114	-	2,645	1,330	16	4,059
<b>TONGS:</b>						
OYSTER. . . . .	-	-	43	5	42	90
OTHER . . . . .	-	-	327	1,224	80	1,631
<b>RAKES:</b>						
OYSTER. . . . .	-	-	15	-	1	16
OTHER . . . . .	101	-	934	230	19	1,284
FORKS . . . . .	-	-	125	60	-	185
HOES. . . . .	2,430	7	1,070	65	21	3,593

## CATCH BY STATES, 1951

SPECIES	MAINE		NEW HAMPSHIRE		MASSACHUSETTS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
<b>FISH</b>						
ALEWIVES. . . . .	3,479,200	\$26,067	-	-	276,000	\$2,968
ANGLERFISH. . . . .	-	-	-	-	12,200	730
BLUEFISH. . . . .	-	-	-	-	28,400	3,547
BUTTERFISH. . . . .	4,000	353	-	-	1,756,800	158,958
CARP. . . . .	-	-	-	-	600	49
COD . . . . .	5,292,800	289,632	12,400	\$1,240	40,711,300	2,896,330
CUNNER. . . . .	-	-	-	-	100	3
CUSK. . . . .	1,381,600	70,804	1,300	120	2,539,300	110,489
<b>EELS:</b>						
COMMON. . . . .	52,900	10,830	-	-	24,800	1,819
CONGER. . . . .	-	-	-	-	7,900	170
<b>FLOUNDERS:</b>						
GRAY SOLE . . . . .	1,634,700	105,900	-	-	4,343,600	455,042
LEMON SOLE. . . . .	34,700	2,477	-	-	2,972,000	563,731
YELLOWTAIL. . . . .	82,400	9,706	-	-	16,735,000	2,162,307
BLACKBACK . . . . .	2,260,900	182,484	-	-	11,137,600	1,782,265
DAB . . . . .	2,019,500	100,900	-	-	8,957,600	759,306
FLUKE . . . . .	-	-	-	-	4,506,000	949,657
UNCLASSIFIED. . . . .	-	-	-	-	300	12
FRIGATE MACKEREL. . . . .	-	-	-	-	600	34
GRAYFISH. . . . .	-	-	-	-	1,300	27
HADDOCK . . . . .	5,267,700	386,378	1,200	150	147,638,800	11,472,429
<b>HAKE:</b>						
RED . . . . .	161,200	11,223	-	-	4,236,000	66,385
WHITE . . . . .	3,944,400	156,289	25,300	2,074	8,007,000	389,417
HALIBUT . . . . .	114,000	26,784	-	-	318,100	71,744
HERRING, SEA. . . . .	59,738,100	913,689	-	-	2,876,600	33,026
LAUNCE. . . . .	-	-	-	-	41,900	1,310
MACKEREL. . . . .	1,530,800	87,739	-	-	8,306,500	732,910

(CONTINUED ON NEXT PAGE)

## NEW ENGLAND FISHERIES

## CATCH BY STATES, 1951 - Continued

SPECIES	MAINE		NEW HAMPSHIRE		MASSACHUSETTS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FISH-CONTINUED						
HENHADEN . . . . .	1,514,300	\$8,610	-	-	7,208,100	\$108,217
OCEAN PERCH . . . . .	73,941,800	3,428,816	-	-	184,370,800	9,167,542
OCEAN POUT . . . . .	-	-	-	-	138,900	2,431
POLLOCK . . . . .	5,971,800	207,002	7,500	\$373	16,682,200	791,984
SALMON . . . . .	1,600	810	-	-	-	-
SCUP OR PORGY . . . . .	-	-	-	-	1,033,400	62,172
SEA BASS . . . . .	-	-	-	-	103,800	9,104
SMAD . . . . .	76,200	3,171	-	-	72,100	4,022
SHARKS . . . . .	39,700	1,718	200	7	39,600	3,338
SKATES . . . . .	-	-	-	-	35,200	1,664
SMELT . . . . .	101,400	26,879	900	274	-	-
STRIPED BASS . . . . .	-	-	-	-	131,700	27,418
STURGEON . . . . .	500	60	-	-	7,300	1,144
SUCKERS . . . . .	12,500	813	-	-	-	-
SWORDFISH . . . . .	-	-	-	-	144,100	63,475
TAUOG . . . . .	-	-	-	-	68,800	2,916
TILEFISH . . . . .	-	-	-	-	1,130,300	96,379
TUNA AND TUNALIKE FISHES:						
BLUEFIN . . . . .	113,400	14,377	-	-	1,610,100	113,038
BONITO . . . . .	-	-	-	-	200	51
TOTAL TUNA AND TUNALIKE FISHES . . . . .	113,400	14,377	-	-	1,610,300	113,089
WHITE BAIT . . . . .	-	-	-	-	600	44
WHITING . . . . .	19,576,300	284,155	-	-	97,974,000	2,485,638
WOLFFISH . . . . .	233,000	6,253	-	-	1,751,900	103,499
UNCLASSIFIED:						
FOR FOOD . . . . .	4,355,400	26,423	-	-	7,696,200	575,031
OTHER . . . . .	-	-	-	-	19,693,100	179,960
TOTAL FISH . . . . .	192,936,800	6,390,312	48,800	4,238	605,328,700	36,413,732
SHELLFISH, ETC.						
CRABS, ROCK . . . . .	749,700	27,731	5,200	279	1,539,900	96,059
LOBSTERS, NORTHERN . . . . .	20,759,500	7,214,107	531,100	210,132	3,718,600	1,555,728
SHRIMP . . . . .	44,800	8,954	-	-	13,000	1,249
CLAMS:						
HARD, PUBLIC . . . . .	569,000	185,866	-	-	2,098,700	769,873
HARD, PRIVATE . . . . .	-	-	-	-	74,300	31,824
RAZOR . . . . .	-	-	-	-	46,800	6,274
SOFT, PUBLIC . . . . .	5,120,600	1,186,937	2,200	687	1,693,200	731,473
SOFT, PRIVATE . . . . .	-	-	-	-	700	424
SURF . . . . .	-	-	-	-	21,800	5,950
TOTAL CLAMS . . . . .	5,689,600	1,372,803	2,200	687	3,935,500	1,545,818
CONCHS . . . . .	-	-	-	-	46,500	4,650
MUSSELS, SEA . . . . .	447,100	13,472	-	-	72,100	12,025
OYSTERS, MARKET:						
PUBLIC, SPRING . . . . .	-	-	-	-	8,300	4,753
PUBLIC, FALL . . . . .	-	-	-	-	100,500	58,103
PRIVATE, SPRING . . . . .	-	-	-	-	66,700	43,229
PRIVATE, FALL . . . . .	-	-	-	-	72,600	54,067
TOTAL OYSTERS . . . . .	-	-	-	-	248,100	160,152
PERIWINKLES AND COCKLES . . . . .	3,200	1,057	-	-	300	15
SCALLOPS:						
BAY . . . . .	-	-	-	-	1,114,200	864,755
SEA . . . . .	676,800	310,530	-	-	13,565,900	6,061,914
SQUID . . . . .	5,100	125	-	-	2,195,800	75,608
SEA URCHINS . . . . .	55,100	1,330	-	-	-	-
IRISH MOSS . . . . .	1,320,700	19,248	-	-	1,409,400	21,192
BLOODWORMS . . . . .	215,900	157,966	200	141	-	-
SANDWORMS . . . . .	146,700	88,412	-	-	900	1,825
TOTAL SHELLFISH, ETC. . . . .	30,114,200	9,215,735	538,700	211,239	27,860,200	10,400,990
GRAND TOTAL . . . . .	223,051,000	15,606,047	587,500	215,477	633,188,900	46,814,722
SPECIES	RHODE ISLAND		CONNECTICUT		TOTAL	
FISH	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES . . . . .	905,800	\$8,657	489,900	\$5,270	5,150,900	\$42,962
AMBERJACK . . . . .	1,300	38	-	-	1,300	38
ANCHOVIES . . . . .	3,500	192	-	-	3,500	192
ANGLERFISH . . . . .	19,900	455	-	-	32,100	1,185

(CONTINUED ON NEXT PAGE)

# NEW ENGLAND FISHERIES

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## CATCH BY STATES, 1951 - Continued

SPECIES	RHODE ISLAND		CONNECTICUT		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
<b>FISH-CONTINUED</b>						
BLUEFISH . . . . .	36,700	\$6,648	54,800	\$14,902	119,900	\$25,097
BUTTERFISH . . . . .	1,754,100	131,459	621,800	49,804	4,136,700	340,574
CARP . . . . .	-	-	52,200	5,177	52,800	5,226
COO . . . . .	1,160,600	100,260	301,900	30,537	47,479,000	3,317,999
CREVALLE . . . . .	200	4	-	-	200	4
GUNNER . . . . .	3,500	50	13,200	279	16,800	332
CUSK . . . . .	100	7	-	-	3,922,300	181,420
DOLPHIN . . . . .	300	7	-	-	300	7
<b>EELS:</b>						
COMMON . . . . .	33,500	5,428	12,700	2,947	123,900	21,024
CONGER . . . . .	42,400	668	8,100	500	58,400	1,328
<b>FLOUNDERS:</b>						
GRAY SOLE . . . . .	6,500	881	-	-	5,984,800	561,823
LEMON SOLE . . . . .	43,900	6,715	-	-	3,050,600	572,923
YELLOWTAIL . . . . .	723,400	94,044	100,500	10,575	17,641,300	2,276,632
BLACKBACK . . . . .	1,324,300	125,474	1,704,900	164,751	16,427,700	2,254,944
OAB . . . . .	68,900	12,515	252,300	3,663	11,298,300	876,404
FLUKE . . . . .	1,188,700	230,957	440,500	87,717	6,135,200	1,268,331
UNCLASSIFIED . . . . .	11,600	256	-	-	11,900	268
FRIGATE MACKEREL . . . . .	-	-	-	-	600	34
GRAYFISH . . . . .	32,200	315	6,100	197	39,600	539
HADDOCK . . . . .	374,400	27,468	8,600	800	153,290,700	11,867,225
<b>HAKES:</b>						
RED . . . . .	110,400	2,430	53,700	2,602	4,561,300	82,640
WHITE . . . . .	27,300	1,179	4,100	130	12,008,100	549,089
HALIBUT . . . . .	-	-	-	-	432,100	98,528
HERRING, SEA . . . . .	885,800	11,814	1,412,300	16,210	64,912,800	974,739
KING WHITING OR "KINGFISH" . . . . .	600	96	-	-	600	96
LAUNCE . . . . .	-	-	-	-	41,900	1,310
MACKEREL . . . . .	91,700	9,518	6,300	646	9,935,300	830,813
MENHADEN . . . . .	2,968,500	44,449	70,100	783	11,761,000	162,059
MINNOWS . . . . .	-	-	99,200	7,256	99,200	7,256
MULLET . . . . .	1,600	47	-	-	1,600	47
OCEAN PERCH . . . . .	7,500	322	-	-	258,320,100	12,596,680
OCEAN POUT . . . . .	-	-	-	-	138,900	2,431
PILOTFISH . . . . .	200	5	-	-	200	5
POLLOCK . . . . .	44,800	2,069	4,200	393	22,710,500	1,001,821
SALMON . . . . .	-	-	-	-	1,600	810
SCUP OR PORGY . . . . .	4,080,600	348,381	1,814,100	154,910	6,928,100	565,463
SEA BASS . . . . .	724,800	74,074	61,400	7,344	890,000	90,522
SEA ROBIN . . . . .	72,500	993	244,900	3,305	317,400	4,298
SEA TROUT OR WEAKFISH, GRAY . . . . .	1,000	183	1,700	248	2,700	431
SHAD . . . . .	5,600	168	338,000	61,103	491,900	68,464
SHARKS . . . . .	5,900	309	4,400	176	89,800	5,548
SILVERSIDES . . . . .	200	4	-	-	200	4
SKATES . . . . .	7,600	186	270,500	3,826	313,300	5,676
SMELT . . . . .	-	-	500	177	102,800	27,330
SPOT . . . . .	10,000	500	-	-	10,000	500
STRIPED BASS . . . . .	111,800	24,642	21,500	4,577	265,000	56,837
STURGEON . . . . .	1,800	565	900	152	10,500	1,921
SUCKERS . . . . .	-	-	11,600	809	24,100	1,622
SWELLFISH . . . . .	40,500	2,047	400	23	40,900	2,070
SWORDFISH . . . . .	55,000	32,822	700	341	199,800	96,638
TAUOG . . . . .	43,400	1,479	18,300	1,762	130,500	6,157
THIMBLE-EYED MACKEREL . . . . .	200	9	-	-	200	9
TILEFISH . . . . .	453,500	36,840	130,700	11,491	1,714,500	144,710
<b>TUNA AND TUNALIKE FISHES:</b>						
BLUEFIN . . . . .	10,900	1,447	4,800	446	1,739,200	129,308
BONITO . . . . .	400	33	-	-	600	84
TOTAL TUNA AND TUNALIKE FISHES . . . . .	11,300	1,480	4,800	446	1,739,800	129,392
<b>WHITE BAIT:</b>						
WHITE PERCH . . . . .	15,200	2,789	-	-	600	44
WHITING . . . . .	742,000	20,763	174,300	13,273	15,200	2,789
WOLFFISH . . . . .	500	34	-	-	1,985,400	2,803,929
YELLOW PERCH . . . . .	-	-	900	135	900	109,786
UNCLASSIFIED:						135
FOR FOOD . . . . .	9,900	436	694,800	50,117	12,756,300	652,007
OTHER . . . . .	23,740,300	213,401	261,400	2,700	43,694,800	396,061
TOTAL FISH . . . . .	42,007,800	1,586,732	9,773,200	722,074	850,095,300	45,117,088

(CONTINUED ON NEXT PAGE)

## NEW ENGLAND FISHERIES

## CATCH BY STATES, 1951 - Continued

SPECIES	RHODE ISLAND		CONNECTICUT		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CRABS: SHELLFISH, ETC.						
BLUE:						
HARD . . . . .	-	-	1,800	\$455	1,800	\$455
SOFT AND PEELERS . . . . .	-	-	300	135	300	135
ROCK . . . . .	33,600	\$3,021	-	-	2,328,400	127,090
TOTAL CRABS . . . . .	33,600	3,021	2,100	590	2,330,500	127,680
LOBSTERS, NORTHERN . . . . .	212,100	92,820	312,800	147,889	25,534,100	9,220,676
SHRIMP . . . . .	-	-	-	-	57,800	10,203
CLAMS:						
HARD, PUBLIC . . . . .	3,053,600	991,786	39,300	12,805	5,760,600	1,960,330
HARD, PRIVATE . . . . .	-	-	9,900	3,668	84,200	35,492
OCEAN QUAHOG . . . . .	205,300	14,780	-	-	205,300	14,780
RAZOR . . . . .	-	-	-	-	46,800	6,274
SOFT, PUBLIC . . . . .	173,800	66,330	1,400	584	6,991,200	1,986,011
SOFT, PRIVATE . . . . .	-	-	-	-	700	424
SURF . . . . .	-	-	-	-	21,800	5,950
TOTAL CLAMS . . . . .	3,432,700	1,072,896	50,600	17,057	13,110,600	4,009,261
CONCHS . . . . .	72,800	7,840	37,000	3,957	156,300	16,447
MUSSELS, SEA . . . . .	165,000	20,625	-	-	684,200	46,122
OYSTERS, MARKET:						
PUBLIC, SPRING . . . . .	-	-	11,500	3,660	19,800	8,413
PUBLIC, FALL . . . . .	-	-	38,700	15,667	139,200	73,770
PRIVATE, SPRING . . . . .	376,800	203,754	411,100	143,242	854,600	390,225
PRIVATE, FALL . . . . .	491,900	287,195	391,400	201,953	955,900	543,215
TOTAL OYSTERS . . . . .	868,700	490,949	852,700	364,522	1,969,500	1,015,623
PERIWINKLES AND COCKLES . . . . .	-	-	-	-	3,500	1,072
SCALLOPS:						
BAY . . . . .	66,100	58,816	72,500	35,804	1,252,800	959,375
SEA . . . . .	201,300	98,554	-	-	14,444,000	6,470,998
SQUID . . . . .	1,735,200	63,921	83,700	7,112	4,019,800	146,766
SEA URCHINS . . . . .	-	-	-	-	55,100	1,330
IRISH MOSS . . . . .	-	-	-	-	2,730,100	40,440
BLOODWORMS . . . . .	-	-	-	-	216,100	158,107
SANDWORMS . . . . .	-	-	300	243	147,900	90,480
TOTAL SHELLFISH, ETC . . . . .	6,787,500	1,909,442	1,411,700	577,174	66,712,300	22,314,580
GRAND TOTAL . . . . .	48,795,300	3,496,174	11,184,900	1,299,248	916,807,600	67,431,668

NOTE:--OCEAN QUAHOGS AND SURF CLAMS HAVE BEEN COMBINED IN RHODE ISLAND.

## CATCH OF CERTAIN SHELLFISH, 1951

(IN NUMBERS AND BUSHELS)

ITEM		MAINE		NEW HAMPSHIRE		MASSACHUSETTS	
		QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
CRABS, ROCK . . . . .	NUMBER	2,249,100	\$27,731	15,600	\$279	4,619,700	\$96,059
CLAMS:							
HARD, PUBLIC . . . . .	U.S. STANDARD BUSHEL	51,727	185,866	-	-	190,791	769,873
HARD, PRIVATE . . . . .	DO	-	-	-	-	6,755	31,824
RAZOR . . . . .	DO	-	-	-	-	1,462	6,274
SOFT, PUBLIC . . . . .	DO	341,373	1,186,937	147	687	130,246	731,473
SOFT, PRIVATE . . . . .	DO	-	-	-	-	54	424
SURF . . . . .	DO	-	-	-	-	1,600	5,950
CONCHS . . . . .	DO	-	-	-	-	3,100	4,650
MUSSELS, SEA . . . . .	DO	29,807	13,472	-	-	6,008	12,025
OYSTERS, MARKET:							
PUBLIC, SPRING . . . . .	DO	-	-	-	-	1,277	4,753
PUBLIC, FALL . . . . .	DO	-	-	-	-	15,462	58,103
PRIVATE, SPRING . . . . .	DO	-	-	-	-	10,262	43,229
PRIVATE, FALL . . . . .	DO	-	-	-	-	11,169	54,067
PERIWINKLES AND COCKLES . . . . .	DO	178	1,057	-	-	17	15
SCALLOPS:							
BAY . . . . .	DO	-	-	-	-	185,700	864,755
SEA . . . . .	DO	112,800	310,530	-	-	2,260,983	6,061,914

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

# NEW ENGLAND FISHERIES

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## CATCH OF CERTAIN SHELLFISH, 1951 - Continued

(IN NUMBERS AND BUSHELS)

ITEM	RHODE ISLAND		CONNECTICUT		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
<b>CRABS:</b>						
<b>BLUE:</b>						
HARD. . . . .	NUMBER	-	7,200	\$455	7,200	\$455
SOFT AND PEELERS. .	DO	-	900	135	900	135
ROCK . . . . .	DO	100,300	-	-	6,984,700	127,090
<b>CLAMS:</b>						
HARD, PUBLIC. . . . .	U.S. STANDARD BUSHEL	291,967	991,786	3,275	12,805	537,760
HARD, PRIVATE. . . . .	DO	-	-	825	3,668	7,580
OCEAN QUAHOG. . . . .	DO	17,108	14,780	-	-	17,108
RAZOR . . . . .	DO	-	-	-	-	1,462
SOFT, PUBLIC. . . . .	DO	8,690	66,330	70	584	480,526
SOFT, PRIVATE. . . . .	DO	-	-	-	-	54
SURF. . . . .	DO	-	-	-	-	1,600
CONCHS. . . . .	DO	4,853	7,840	*1,850	3,957	9,803
MUSSELS, SEA. . . . .	DO	16,500	20,625	-	-	52,315
<b>OYSTERS, MARKET:</b>						
PUBLIC, SPRING. . . . .	DO	-	-	1,494	3,660	2,771
PUBLIC, FALL. . . . .	DO	-	-	5,026	15,667	20,488
PRIVATE, SPRING. . . . .	DO	53,829	203,754	53,390	143,242	117,481
PRIVATE, FALL. . . . .	DO	70,271	287,195	50,831	201,953	132,271
<b>PERIWINKLES AND COCKLES:</b>						
PERIWINKLES AND COCKLES. . . . .	DO	-	-	-	-	195
<b>SCALLOPS:</b>						
BAY . . . . .	DO	11,017	58,816	11,694	35,804	208,411
SEA . . . . .	DO	33,550	98,554	-	-	2,407,333

NOTE:--BUSHELS REPRESENT U.S. STANDARD BUSHEL OF 2,150.4 CUBIC INCHES CAPACITY. OCEAN QUAHOGS AND SURF CLAMS HAVE BEEN COMBINED IN RHODE ISLAND.

## AVERAGE WEIGHTS OF CERTAIN SHELLFISH, 1951

ITEM	MAINE	NEW HAMPSHIRE	MASSACHUSETTS	RHODE ISLAND	CONNECTICUT
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
<b>CRABS:</b>					
<b>BLUE:</b>					
HARD. . . . .	NUMBER PER POUND	-	-	-	4.00
SOFT AND PEELERS. .	DO	3.00	3.00	3.00	3.00
ROCK. . . . .	DO	-	-	-	-
<b>CLAMS:</b>					
HARD, PUBLIC. . . . .	LBS. MEATS PER U.S. BUSHEL	11.00	-	11.00	12.00
HARD, PRIVATE. . . . .	DO	-	-	11.00	12.00
OCEAN QUAHOG. . . . .	DO	-	-	-	-
RAZOR . . . . .	DO	-	-	32.00	-
SOFT, PUBLIC. . . . .	DO	15.00	15.00	13.00	20.00
SOFT, PRIVATE. . . . .	DO	-	-	13.00	-
SURF. . . . .	DO	-	-	13.62	12.00
CONCHS. . . . .	DO	-	-	15.00	15.00
MUSSELS, SEA. . . . .	DO	15.00	-	12.00	10.00
<b>OYSTERS, MARKET:</b>					
PUBLIC, SPRING. . . . .	DO	-	-	6.50	7.70
PUBLIC, FALL. . . . .	DO	-	-	6.50	7.70
PRIVATE, SPRING. . . . .	DO	-	-	6.50	7.70
PRIVATE, FALL. . . . .	DO	-	-	6.50	7.70
<b>PERIWINKLES AND COCKLES</b>					
PERIWINKLES AND COCKLES	DO	18.00	-	18.00	-
<b>SCALLOPS:</b>					
BAY . . . . .	DO	-	-	6.00	6.20
SEA . . . . .	DO	6.00	-	6.00	-

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

## NEW ENGLAND FISHERIES

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

ITEM			MAINE AND NEW HAMPSHIRE		MASSACHUSETTS, RHODE ISLAND AND CONNECTICUT	
	YEAR	UNIT	QUANTITY	VALUE	QUANTITY	VALUE
BY MANUFACTURING ESTABLISHMENTS:						
COD:						
FRESH FILLETS . . . . .	1951	POUNDS	161,000	\$34,300	3,028,460	\$798,253
FROZEN FILLETS . . . . .	1951	DO	421,380	78,998	4,529,288	1,029,459
LIVER OIL . . . . .	1951	GALLONS	(2)	(2)	55,302	63,780
CUSK:						
FRESH FILLETS . . . . .	1951	POUNDS	122,000	40,100	333,914	72,922
FROZEN FILLETS . . . . .	1951	DO	47,890	8,952	91,244	18,452
FLOUNDERS:						
FRESH FILLETS . . . . .	1951	DO	85,000	27,000	6,685,376	2,721,247
FROZEN FILLETS . . . . .	1951	DO	214,069	80,651	6,162,945	2,530,829
HADDOCK:						
FRESH FILLETS . . . . .	1951	DO	598,000	185,200	20,146,205	5,974,818
FROZEN FILLETS . . . . .	1951	DO	388,850	95,393	28,069,872	7,683,307
HAKE:						
FRESH FILLETS . . . . .	1951	DO	378,000	76,300	666,366	134,086
FROZEN FILLETS . . . . .	1951	DO	209,390	29,327	662,462	103,462
HERRING, SEA:						
SARDINES, CANNED . . . . .	1951	STANDARD CASES	1,652,257	14,557,129	24,507	78,223
SMOKED:						
BLOATERS . . . . .	1950	POUNDS	152,000	30,400	(2)	(2)
BONELESS . . . . .	1950	DO	448,083	136,282	(2)	(2)
MEAL . . . . .	1951	TONS	3,926	492,405	(2)	(2)
OIL . . . . .	1951	GALLONS	168,701	122,299	-	-
MACKEREL:						
FRESH FILLETS . . . . .	1951	POUNDS	-	-	397,556	92,243
FROZEN FILLETS . . . . .	1951	DO	-	-	292,948	76,427
CANNED . . . . .	1951	STANDARD CASES	872	7,039	(2)	(2)
OCEAN PERCH:						
FRESH FILLETS . . . . .	1951	POUNDS	(2)	(2)	443,360	107,676
FROZEN FILLETS . . . . .	1951	DO	19,798,525	4,815,345	53,781,481	13,609,708
POLLOCK:						
FRESH FILLETS . . . . .	1951	DO	515,000	91,500	1,847,858	334,929
FROZEN FILLETS . . . . .	1951	DO	766,507	126,999	3,729,848	645,819
WHITING:						
FRESH FILLETS . . . . .	1951	DO	-	-	16,350	2,350
FROZEN FILLETS . . . . .	1951	DO	-	-	1,897,931	355,669
FROZEN SPLIT "BUTTERFLY" . . . . .	1951	DO	3,728,887	487,509	3,070,614	492,239
WOLFFISH (CATFISH):						
FRESH FILLETS . . . . .	1951	DO	-	-	31,051	7,684
FROZEN FILLETS . . . . .	1951	DO	(2)	(2)	295,733	90,591
CRABS, ROCK:						
FRESH-COOKED MEAT . . . . .	1950	DO	8,000	9,600	(2)	(2)
CANNED . . . . .	1951	STANDARD CASES	1,511	40,505	-	-
LOBSTERS, NORTHERN,						
FRESH-COOKED MEAT . . . . .	1950	POUNDS	224,880	475,965	728,170	1,689,787
CLAMS:						
HARD, FRESH-SHUCKED . . . . .	1950	GALLONS	-	-	135,382	616,616
SOFT:						
FRESH-SHUCKED . . . . .	1950	DO	101,735	401,440	112,527	565,475
CANNED:						
WHOLE AND HINCED . . . . .	1951	STANDARD CASES	58,550	690,559	-	-
CHOWDER AND BOUILLON . . . . .	1951	DO	242,613	1,511,420	(2)	(2)
OYSTERS, FRESH-SHUCKED . . . . .	1950	GALLONS	-	-	135,186	715,409
UNCLASSIFIED PRODUCTS:						
FRESH AND FROZEN FILLETS AND STEAKS . . . . .	1951	POUNDS	3/1,010,645	3/203,611	4/114,872	4/25,271
PACKAGED SHELLFISH . . . . .	1950	-	-	-	-	5/116,270
CANNED:						
ANIMAL FOOD . . . . .	1951	STANDARD CASES	(6)	(6)	595,084	2,330,269
FISH FLAKES (GROUND FISH) . . . . .	1951	DO	6,624	113,752	(6)	(6)
MISCELLANEOUS CANNED . . . . .	1951	DO	7/621,730	7/3,923,965	8/232,907	8/2,731,231
CURED . . . . .	1950	POUNDS	9/75,000	9/27,950	10/6,396,366	10/2,220,018
HEAL AND DRY SCRAP . . . . .	1951	TONS	11/5,157	11/659,342	12/17,874	12/2,331,893
OIL, BODY AND LIVER . . . . .	1951	GALLONS	13/123,335	13/146,523	14/602,785	14/516,982
FISH SOLUBLES AND						
HOMOGENIZED, CONDENSED FISH BUTTONS, MARINE PEARL SHELL <sup>15/</sup>	1951	POUNDS	1,177,682	42,614	37,905,359	1,506,674
MISCELLANEOUS BYPRODUCTS . . . . .	1951	GROSS	-	-	1,266,545	1,670,781
TOTAL . . . . .	-	-	-	16/1,543,601	-	17/1,396,106
FISHERMEN'S PREPARED PRODUCTS, CLAMS, FRESH-SHUCKED . . . . .	1950	GALLONS	229,891	403,750	-	55,456,953
GRAND TOTAL . . . . .				31,723,725		55,456,953

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

15/ INCLUDED UNDER "UNCLASSIFIED PRODUCTS."

16/ INCLUDES FRESH FILLETS OF OCEAN PERCH AND FROZEN FILLETS OF WOLFFISH.

(CONTINUED ON NEXT PAGE)

## MANUFACTURED FISHERY PRODUCTS - VARIOUS YEARS - Continued

- 4/ INCLUDES FRESH FILLETS OF OCEAN POUT AND UNCLASSIFIED SPECIES; FROZEN FILLETS OF BUTTERFISH, OCEAN POUT, AND UNCLASSIFIED SPECIES; AND FROZEN STEAKS OF UNCLASSIFIED SPECIES.
- 5/ INCLUDES FRESH-COOKED PACKAGED CRAB MEAT AND FRESH-SHUCKED SCALLOPS.
- 6/ THIS ITEM IS INCLUDED WITH MISCELLANEOUS CANNED PRODUCTS.
- 7/ INCLUDES CANNED ALEWIVES, POLLOCK, SHAD, TUNA FLAKES, LOBSTER NEWBURG, CLAM CAKES, MUSSELS, FISH CAKES, FISH CHOWDER, AND ANIMAL FOOD.
- 8/ INCLUDES THE FOLLOWING CANNED ITEMS; COD FOR BABY FOOD, SALTED COD FISH, HADDOCK CHOWDER, HERRING ROE, MACKEREL (NATURAL, COCKTAILS, FILLETS, AND TAILS), TUNA (SOLID, FLAKES, AND PASTE), FISH CAKES, FISH FLAKES, DEEP SEA ROE, LOBSTER BISQUE, AND CLAM CHOWDER.
- 9/ INCLUDES SALTED COD AND BONELESS POLLOCK.
- 10/ INCLUDES SALTED PRODUCTS OF COD (WHOLE, STRIPS AND BONELESS), HAKE STRIPS, AND SEA HERRING; SMOKED PRODUCTS OF BUTTERFISH, CHUBS, HADDOCK (FINNAN HADDIE), SEA HERRING, MACKEREL FILLETS, WHOLE SALMON, SABLEFISH, WHITEFISH, AND FILLETS OF UNCLASSIFIED SPECIES.
- 11/ INCLUDES COD LIVER PRESS CAKE, GROUND FISH MEAL, AND FISH POMACE.
- 12/ INCLUDES GROUND FISH AND HERRING MEAL.
- 13/ INCLUDES OCEAN PERCH AND UNCLASSIFIED BODY OILS AND COD LIVER OIL.
- 14/ INCLUDES OCEAN PERCH AND UNCLASSIFIED BODY OILS; AND HALIBUT, TUNA, AND SWORDFISH LIVER OILS.
- 15/ THE ENTIRE PRODUCTION OF MARINE PEARL-SHELL BUTTONS WAS IN CONNECTICUT.
- 16/ INCLUDES ALGIN, GLUE, IRISH MOSS EXTRACT, KELP PRODUCTS, AND PEARL ESSENCE.
- 17/ INCLUDES GLUE, IRISH MOSS EXTRACT, AND ISINGLASS.

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 PRODUCTION, BY STATES

STATE	VALUE
MAINE . . . . .	\$31,508,635
NEW HAMPSHIRE . . . . .	215,090
MASSACHUSETTS . . . . .	51,726,795
RHODE ISLAND . . . . .	1,723,887
CONNECTICUT . . . . .	2,006,281
TOTAL . . . . .	87,180,678

### SUMMARY OF PRODUCTION, BY COMMODITIES

SUMMARY OF ITEMS	YEAR	UNIT	QUANTITY	VALUE
PACKAGED FISH . . . . .	1951	POUNDS	164,740,887	\$43,288,626
CANNED FISH AND SHELLFISH . . . . .	1951	STANDARD CASES	3,436,655	25,984,092
FISHERY BYPRODUCTS . . . . .	1951	-	-	10,493,000
PACKAGED SHELLFISH . . . . .	1950	POUNDS	7,310,977	5,000,310
CURED FISH:				
SALTED, DRIED AND PICKLED . . . . .	1950	DO	4,485,273	1,456,199
SMOKED AND KIPPERED . . . . .	1950	DO	2,576,176	958,451
TOTAL . . . . .			-	87,180,678



# NEW ENGLAND FISHERIES

## MAINE

### OPERATING UNITS BY GEAR, 1951

ITEM	PURSE SEINES			HAUL SEINES, COMMON	STOP SEINES	GILL NETS		LINES HAND
	MACKEREL	MENHADEN	OTHER			DRIFT	STAKE	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:								
ON VESSELS . . . . .	5	28	39	-	15	28	-	2
ON BOATS AND SHORE:								
REGULAR . . . . .	24	-	133	4	330	20	-	148
CASUAL . . . . .	6	-	58	2	112	-	8	158
TOTAL . . . . .	35	28	230	6	457	48	8	308
VESSELS, MOTOR . . . . .	1	1	9	-	4	6	-	2
NET TONNAGE . . . . .	8	70	64	-	29	102	-	13
BOATS:								
MOTOR . . . . .	6	-	49	2	140	6	-	86
OTHER . . . . .	6	-	49	2	142	-	-	33
ACCESSORY BOATS . . . . .	1	3	9	-	3	-	-	-
APPARATUS:								
NUMBER . . . . .	6	1	57	2	144	64	5	727
LENGTH, YARDS . . . . .	1,900	250	19,450	200	55,590	-	-	-
SQUARE YARDS . . . . .	-	-	-	-	-	82,880	300	-
HOOKS . . . . .	-	-	-	-	-	-	-	2,251

ITEM	LINES-CONT'D	FLOATING TRAPS	WEIRS	FYKE NETS, FISH	DIP NETS, COMMON	BAG NETS	LIFT NETS	OTTER TRAWLS, FISH
	TRAWL OR TROT, WITH HOOKS							
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:								
ON VESSELS . . . . .	35	-	-	-	-	-	-	819
ON BOATS AND SHORE:								
REGULAR . . . . .	241	21	332	1	-	20	-	82
CASUAL . . . . .	11	5	104	24	109	17	21	6
TOTAL . . . . .	287	26	436	25	109	37	21	907
VESSELS, MOTOR . . . . .	5	-	-	-	-	-	-	103
NET TONNAGE . . . . .	66	-	-	-	-	-	-	4,364
BOATS:								
MOTOR . . . . .	153	8	185	1	-	-	-	40
OTHER . . . . .	-	6	191	4	9	-	-	-
APPARATUS:								
NUMBER . . . . .	11,754	8	212	25	109	38	18	143
HOOKS . . . . .	648,200	-	-	-	-	-	-	-
YARDS AT MOUTH . . . . .	-	-	-	-	-	-	-	3,412

ITEM	TRAPS, BOX	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	NUMBER
FISHERMEN:								
ON VESSELS . . . . .	-	45	-	34	-	-	-	1,009
ON BOATS AND SHORE:								
REGULAR . . . . .	-	3,963	59	108	51	1,255	18	5,346
CASUAL . . . . .	8	534	32	22	50	1,175	12	2,468
TOTAL . . . . .	8	4,542	91	164	101	2,430	30	8,823
VESSELS, MOTOR . . . . .	-	33	-	4	-	-	-	157
NET TONNAGE . . . . .	-	215	-	152	-	-	-	4,952
BOATS:								
MOTOR . . . . .	-	4,168	74	91	24	328	3	4,537
OTHER . . . . .	-	299	-	-	42	1,029	18	1,827
ACCESSORY BOATS . . . . .	-	-	-	-	-	-	-	14
APPARATUS:								
NUMBER . . . . .	5	382,926	78	100	101	2,430	-	-
YARDS AT MOUTH . . . . .	-	-	-	114	-	-	-	-

### MAINE - CATCH BY GEAR, 1951

	PURSE SEINES		HAUL SEINES		STOP SEINES	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES . . . . .	-	-	-	-	21,000	\$150
BUTTERFISH . . . . .	400	\$56	-	-	-	-

(CONTINUED ON NEXT PAGE)

# NEW ENGLAND FISHERIES

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## MAINE - CATCH BY GEAR, 1951 - Continued

SPECIES	PURSE SEINES		HAUL SEINES		STOP SEINES	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
COD . . . . .	100	\$1	-	-	-	-
HERRING, SEA . . . . .	7,891,500	119,189	-	-	32,446,700	\$499,318
MACKEREL . . . . .	964,400	65,135	-	-	1,900	90
MENHADEN . . . . .	1,514,300	8,610	-	-	-	-
POLLOCK . . . . .	625,000	9,835	-	-	-	-
SHAD . . . . .	28,700	751	-	-	-	-
SHARKS . . . . .	100	2	-	-	-	-
SMELT . . . . .	100	30	4,900	\$1,140	2,800	351
WHITING . . . . .	200	2	-	-	-	-
UNCLASSIFIED, FOR FOOD . . . . .	88,400	533	-	-	-	-
SQUID . . . . .	3,300	72	-	-	-	-
<b>TOTAL . . . . .</b>	<b>11,116,500</b>	<b>204,216</b>	<b>4,900</b>	<b>1,140</b>	<b>32,472,400</b>	<b>499,909</b>

SPECIES	GILL NETS		LINES			
			HAND		TRAWL OR TROT, WITH HOOKS	
			POUNDS	VALUE	POUNDS	VALUE
COD . . . . .	1,020,100	\$86,636	918,100	\$35,972	1,096,700	\$54,416
CUSK . . . . .	21,200	1,077	9,100	278	696,200	44,187
FLOUNDERS:						
GRAY SOLE . . . . .	500	28	-	-	400	34
BLACKBACK . . . . .	-	-	-	-	1,200	54
DAB . . . . .	1,100	62	-	-	3,100	101
HADDOCK . . . . .	188,100	18,485	66,900	4,312	731,700	57,726
HAKE:						
RED . . . . .	133,200	9,657	-	-	11,000	649
WHITE . . . . .	900,800	45,476	52,500	851	1,589,900	65,448
HALIBUT . . . . .	800	212	4,900	1,132	76,400	18,346
MACKEREL . . . . .	45,100	6,023	2,600	207	-	-
OCEAN PERCH . . . . .	-	-	-	-	200	7
POLLOCK . . . . .	2,220,900	100,731	226,800	3,872	182,800	3,927
SHAD . . . . .	47,400	2,410	-	-	-	-
SHARKS . . . . .	34,200	1,529	-	-	1,400	54
SMELT . . . . .	5,400	1,615	31,100	8,374	-	-
STURGEON . . . . .	400	51	-	-	-	-
TUNA, BLUEFIN . . . . .	500	70	1,600	157	-	-
WHITING . . . . .	700	16	-	-	-	-
WOLFFISH . . . . .	1,800	45	4,200	103	15,600	398
UNCLASSIFIED, FOR FOOD . . . . .	4,700	52	1,100	4	283,500	1,709
<b>TOTAL . . . . .</b>	<b>4,626,900</b>	<b>274,175</b>	<b>1,318,900</b>	<b>55,262</b>	<b>4,690,100</b>	<b>247,056</b>

SPECIES	FLOATING TRAPS		WEIRS		FYKE NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES . . . . .	-	-	224,000	\$2,500	-	-
BUTTERFISH . . . . .	3,100	\$268	-	-	-	-
EELS, COMMON . . . . .	-	-	-	-	2,800	\$700
HERRING, SEA . . . . .	-	-	19,399,900	295,182	-	-
MACKEREL . . . . .	102,900	7,276	413,800	9,002	-	-
SALMON . . . . .	1,300	645	300	165	-	-
SMELT . . . . .	-	-	2,000	400	-	-
SUCKERS . . . . .	-	-	-	-	12,500	813
SQUID . . . . .	-	-	100	3	-	-
<b>TOTAL . . . . .</b>	<b>107,300</b>	<b>8,189</b>	<b>20,040,100</b>	<b>307,252</b>	<b>15,300</b>	<b>1,513</b>

SPECIES	DIP NETS		BAG NETS		LIFT NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES . . . . .	3,234,200	\$23,417	-	-	-	-
SMELT . . . . .	7,000	1,750	48,100	\$13,219	-	-
UNCLASSIFIED, FOR FOOD . . . . .	-	-	-	-	100,000	\$1,000
SEA URCHINS . . . . .	55,100	1,330	-	-	-	-
<b>TOTAL . . . . .</b>	<b>3,296,300</b>	<b>26,497</b>	<b>48,100</b>	<b>13,219</b>	<b>100,000</b>	<b>1,000</b>

(CONTINUED ON NEXT PAGE)

## NEW ENGLAND FISHERIES

## MAINE - CATCH BY GEAR, 1951 - Continued

SPECIES	OTTER TRAWLS		TRAPS, BOX		POTS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUTTERFLISH . . . . .	500	\$29	-	-	-	-
COD . . . . .	2,257,600	112,607	-	-	-	-
CUSK . . . . .	655,100	25,262	-	-	-	-
EELS, COMMON . . . . .	-	-	49,000	\$9,906	1,100	\$224
FOUNDERS:						
GRAY SOLE . . . . .	1,633,700	105,831	-	-	-	-
LEMON SOLE . . . . .	34,700	2,477	-	-	-	-
YELLOWTAIL . . . . .	92,400	9,706	-	-	-	-
BLACKBACK . . . . .	2,259,700	182,400	-	-	-	-
DAB . . . . .	2,015,300	100,737	-	-	-	-
HADDOCK . . . . .	4,281,000	305,855	-	-	-	-
HAKE:						
RED . . . . .	17,000	917	-	-	-	-
WHITE . . . . .	1,401,200	44,514	-	-	-	-
HALIBUT . . . . .	31,900	7,094	-	-	-	-
MACKEREL . . . . .	100	6	-	-	-	-
OCEAN PERCH . . . . .	73,941,600	3,428,809	-	-	-	-
POLLOCK . . . . .	2,716,300	88,637	-	-	-	-
SHAD . . . . .	100	10	-	-	-	-
SHARKS . . . . .	3,900	127	-	-	-	-
STURGEON . . . . .	100	9	-	-	-	-
WHITING . . . . .	19,575,400	284,137	-	-	-	-
WOLFFISH . . . . .	211,400	5,707	-	-	-	-
UNCLASSIFIED, FOR FOOD . . . . .	3,877,700	23,125	-	-	-	-
CRABS, ROCK . . . . .	-	-	-	-	749,700	27,731
LOBSTERS, NORTHERN . . . . .	3,000	1,094	-	-	20,756,500	7,213,013
SHRIMP . . . . .	44,800	8,954	-	-	-	-
SQUID . . . . .	1,700	50	-	-	-	-
TOTAL . . . . .	115,046,400	4,738,094	49,000	9,906	21,507,300	7,240,968

SPECIES	HARPOONS		DREDGES		RAKES	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FOUNDERS, GRAY SOLE . . . . .	-	-	100	\$7	-	-
SHARKS . . . . .	100	\$6	-	-	-	-
TUNA, BLUEFIN . . . . .	111,300	14,150	-	-	-	-
SCALLOPS, SEA . . . . .	-	-	676,800	310,530	1,320,700	\$19,248
IRISH MOSS . . . . .	-	-	-	-	-	-
TOTAL . . . . .	111,400	14,156	676,900	310,537	1,320,700	19,248

SPECIES	HOES		BY HAND	
	POUNDS	VALUE	POUNDS	VALUE
CLAMS, PUBLIC:				
HARD . . . . .	569,000	\$185,866	-	-
SOFT . . . . .	5,120,600	1,186,937	-	-
MUSSELS, SEA . . . . .	447,100	13,472	-	-
PERIWINKLES AND COCKLES . . . . .	-	-	3,200	\$1,057
BLOODWORMS . . . . .	215,900	157,966	-	-
SANDWORMS . . . . .	146,700	88,412	-	-
TOTAL . . . . .	6,499,300	1,632,653	3,200	1,057

## NEW HAMPSHIRE

## OPERATING UNITS BY GEAR, 1951

ITEM	LINES		POTS, LOBSTER	HOES	TOTAL, EXCLUSIVE OF DUPLICATION
	HAND	TRAWL OR TROT, WITH HOOKS			
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:					
REGULAR . . . . .	-	3	150	3	153
CASUAL . . . . .	450	3	143	4	600
TOTAL . . . . .	450	6	293	7	753

(CONTINUED ON NEXT PAGE)

# NEW ENGLAND FISHERIES

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## NEW HAMPSHIRE - OPERATING UNITS BY GEAR, 1951 - Continued

ITEM	LINES		POTS, LOBSTER	HOES	TOTAL, EXCLUSIVE OF DUPLICATION
	HAND	TRAWL OR TROT, WITH HOOKS			
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
BOATS:					
MOTOR. . . . .	15	3	194	-	209
OTHER. . . . .	-	-	97	1	98
APPARATUS:					
NUMBER. . . . .	450	96	22,080	7	-
HOOKS. . . . .	900	4,800	-	-	-

## NEW HAMPSHIRE - CATCH BY GEAR, 1951

SPECIES	LINES				POTS		HOES	
	HAND		TRAWL OR TROT, WITH HOOKS		POUNDS	VALUE	POUNDS	VALUE
	POUNDS	VALUE	POUNDS	VALUE				
COD. . . . .	4,100	\$410	8,300	\$830	-	-	-	-
CUSK. . . . .	100	14	1,200	106	-	-	-	-
HADDOCK. . . . .	-	-	1,200	150	-	-	-	-
HAKE, WHITE. . . . .	3,700	295	21,600	1,779	-	-	-	-
POLLOCK. . . . .	1,700	85	5,800	288	-	-	-	-
SHARKS. . . . .	-	-	200	7	-	-	-	-
SMELT. . . . .	900	274	-	-	-	-	-	-
CRABS, ROCK. . . . .	-	-	-	-	5,200	\$279	-	-
LOBSTERS, NORTHERN	-	-	-	-	531,100	210,132	-	-
CLAMS, SOFT, PUBLIC.	-	-	-	-	-	-	2,200	\$687
BLOODWORMS. . . . .	-	-	-	-	-	-	200	141
TOTAL. . . . .	10,500	1,078	38,300	3,160	536,300	210,411	2,400	828

# MASSACHUSETTS

## OPERATING UNITS BY GEAR, 1951

ITEM	PURSE SEINES			HAUL SEINES, COMMON	GILL NETS	
	MACKEREL	MENHADEN	OTHER		ANCHOR	DRIFT
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS. . . . .	368	22	10	-	44	24
ON BOATS AND SHORE:						
REGULAR. . . . .	16	-	-	11	7	26
CASUAL. . . . .	-	-	-	4	6	81
TOTAL. . . . .	384	22	10	15	57	131
VESSELS, MOTOR. . . . .	32	1	1	-	7	4
NET TONNAGE. . . . .	946	70	76	-	107	48
BOATS:						
MOTOR. . . . .	3	-	-	-	10	49
OTHER. . . . .	5	-	-	4	-	-
ACCESSORY BOATS. . . . .	61	3	1	-	2	2
APPARATUS:						
NUMBER. . . . .	35	1	1	5	17	53
LENGTH, YARDS. . . . .	16,340	375	330	148	-	-
SQUARE YARDS. . . . .	-	-	-	-	152,301	348,533

(CONTINUED ON NEXT PAGE)

## NEW ENGLAND FISHERIES

## MASSACHUSETTS - OPERATING UNITS BY GEAR, 1951 - Continued

ITEM	LINES		POUND NETS	FLOATING TRAPS	OIP NETS, COMMON	OTTER TRAWLS, FISH
	HAND	TRAWL OR TROT, WITH HOOKS				
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS . . . . .	64	128	-	-	-	3,858
ON BOATS AND SHORE:						
REGULAR . . . . .	53	181	106	27	69	100
CASUAL . . . . .	503	80	5	20	90	8
TOTAL . . . . .	620	389	111	47	159	3,966
VESSELS, MOTOR . . . . .	8	16	-	-	-	525
NET TONNAGE . . . . .	381	333	-	-	-	20,422
BOATS:						
MOTOR . . . . .	112	105	30	20	54	53
OTHER . . . . .	-	-	52	23	63	-
ACCESSORY BOATS . . . . .	3	22	-	-	-	-
APPARATUS:						
NUMBER . . . . .	658	143	73	41	104	578
HOOKS . . . . .	703	541,550	-	-	-	-
YARDS AT MOUTH . . . . .	-	-	-	-	-	15,347

ITEM	POTS				HARPOONS
	CRAB	EEL	LOBSTER	PERIWINKLE	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS . . . . .	-	-	-	-	76
ON BOATS AND SHORE:					
REGULAR . . . . .	19	4	418	3	8
CASUAL . . . . .	7	-	761	-	11
TOTAL . . . . .	26	4	1,179	3	95
VESSELS, MOTOR . . . . .	-	-	-	-	12
NET TONNAGE . . . . .	-	-	-	-	258
BOATS:					
MOTOR . . . . .	11	3	783	3	8
OTHER . . . . .	8	-	303	-	8
ACCESSORY BOATS . . . . .	-	-	-	-	18
APPARATUS, NUMBER . . . . .	2,071	44	80,561	110	20

ITEM	DREDGES			TONGS	
	CLAM	OYSTER, COMMON	SCALLOP	OYSTER	OTHER
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS . . . . .	-	-	901	-	-
ON BOATS AND SHORE:					
REGULAR . . . . .	54	10	389	43	182
CASUAL . . . . .	14	1	1,401	-	145
TOTAL . . . . .	68	11	2,691	43	327
VESSELS, MOTOR . . . . .	-	-	104	-	-
NET TONNAGE . . . . .	-	-	3,610	-	-
BOATS:					
MOTOR . . . . .	34	4	773	-	64
OTHER . . . . .	-	-	185	38	263
APPARATUS:					
NUMBER . . . . .	34	9	2,651	43	327
YARDS AT MOUTH . . . . .	22	7	2,645	-	-

ITEM	RAKES		FORKS	HOES	TOTAL, EXCLUSIVE OF DUPLICATION
	OYSTER	OTHER			
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS . . . . .	-	-	-	-	4,948
ON BOATS AND SHORE:					
REGULAR . . . . .	10	309	93	433	1,706
CASUAL . . . . .	5	632	67	637	3,950
TOTAL . . . . .	15	941	160	1,070	10,604
VESSELS, MOTOR . . . . .	-	-	-	-	647
NET TONNAGE . . . . .	-	-	-	-	24,410
BOATS:					
MOTOR . . . . .	5	115	-	-	1,954
OTHER . . . . .	9	645	37	18	1,450
ACCESSORY BOATS . . . . .	-	-	-	-	105
APPARATUS, NUMBER . . . . .	15	934	125	1,070	-

# NEW ENGLAND FISHERIES

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## MASSACHUSETTS - CATCH BY GEAR, 1951

SPECIES	PURSE SEINES		HAUL SEINES		GILL NETS	
					ANCHOR	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES . . . . .	42,300	\$513	230,000	\$2,429	-	-
BUTTERFISH . . . . .	100	10	-	-	-	-
COD . . . . .	-	-	-	-	1,088,600	\$87,733
CUSK . . . . .	-	-	-	-	5,200	247
FLOUNDER:						
BLACKBACK . . . . .	-	-	-	-	5,200	485
DAB . . . . .	-	-	-	-	3,100	186
HADDOCK . . . . .	-	-	-	-	103,400	9,165
HAKE, WHITE . . . . .	-	-	-	-	942,600	41,494
HALIBUT . . . . .	-	-	-	-	100	8
HERRING, SEA . . . . .	189,100	3,331	-	-	-	-
LAUNCE . . . . .	-	-	41,900	1,310	-	-
MACKEREL . . . . .	6,266,000	507,027	-	-	-	-
MENHADEN . . . . .	7,174,200	107,611	-	-	-	-
OCEAN PERCH . . . . .	-	-	-	-	100	4
POLLOCK . . . . .	-	-	-	-	2,349,400	103,689
SHAD . . . . .	-	-	-	-	65,500	3,836
SHARKS . . . . .	200	9	-	-	14,000	608
STURGEON . . . . .	-	-	-	-	200	42
TUNA, BLUEFIN . . . . .	221,200	12,355	-	-	2,100	142
WHITING . . . . .	100	2	-	-	18,300	499
WOLFFISH . . . . .	-	-	-	-	100	4
<b>TOTAL . . . . .</b>	<b>13,893,200</b>	<b>630,858</b>	<b>271,900</b>	<b>3,739</b>	<b>4,597,900</b>	<b>248,142</b>

SPECIES	GILL NETS-CONTINUED		LINES			
	DRIFT		HAND		TRAWL OR TROT, WITH HOOKS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ANGLERFISH . . . . .	-	-	-	-	200	\$11
BLUEFISH . . . . .	200	\$24	3,700	\$467	100	8
BUTTERFISH . . . . .	300	36	100	4	4,100	466
CARP . . . . .	-	-	-	-	600	49
COD . . . . .	-	-	168,200	12,156	5,138,400	372,411
CUSK . . . . .	-	-	300	16	1,321,000	60,305
FLOUNDER:						
GRAY SOLE . . . . .	100	8	-	-	-	-
LEMON SOLE . . . . .	-	-	600	86	81,700	12,465
YELLOWTAIL . . . . .	-	-	-	-	11,800	1,350
BLACKBACK . . . . .	100	10	2,700	245	8,600	898
DAB . . . . .	100	8	-	-	3,400	347
FLUKE . . . . .	-	-	6,500	948	1,900	192
HADDOCK . . . . .	-	-	4,200	348	5,514,100	551,951
HAKE:						
RED . . . . .	-	-	-	-	700	20
WHITE . . . . .	-	-	400	14	1,855,100	118,186
HALIBUT . . . . .	-	-	100	26	97,300	29,666
HERRING, SEA . . . . .	8,800	149	-	-	-	-
MACKEREL . . . . .	359,500	51,909	100	5	100	4
MENHADEN . . . . .	300	3	-	-	-	-
OCEAN PERCH . . . . .	-	-	-	-	100	6
POLLOCK . . . . .	-	-	46,000	1,820	283,600	14,899
SCUP OR PORGY . . . . .	-	-	1,700	120	-	-
SEA BASS . . . . .	-	-	400	42	-	-
SHARKS . . . . .	2,300	134	100	4	1,200	132
SKATES . . . . .	-	-	-	-	21,900	893
STRIPED BASS . . . . .	-	-	107,100	22,736	500	115
TAUOG . . . . .	-	-	30,600	1,151	-	-
TILEFISH . . . . .	-	-	26,200	2,373	81,400	6,903
TUNA, BLUEFIN . . . . .	-	-	318,000	22,591	-	-
WHITING . . . . .	102,000	2,462	200	8	4,700	158
WOLFFISH . . . . .	-	-	-	-	166,600	8,084
UNCLASSIFIED, FOR FOOD . . . . .	-	-	1,000	82	9,000	648
PERIWINKLES AND COCKLES . . . . .	-	-	-	-	300	15
<b>TOTAL . . . . .</b>	<b>473,700</b>	<b>54,743</b>	<b>718,200</b>	<b>65,242</b>	<b>14,608,400</b>	<b>1,180,182</b>

SPECIES	POUND NETS		FLOATING TRAPS		DIP NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES . . . . .	-	-	3,700	\$26	-	-
BLUEFISH . . . . .	20,200	\$2,593	4,000	427	-	-
BUTTERFISH . . . . .	478,300	53,260	64,600	7,277	-	-

(CONTINUED ON NEXT PAGE)

## NEW ENGLAND FISHERIES

## MASSACHUSETTS - CATCH BY GEAR, 1951 - Continued

SPECIES	POUND NETS		FLOATING TRAPS		DIP NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
COD . . . . .	5,800	\$346	11,500	\$610	-	-
FLOUNDERS:						
LEMON SOLE . . . . .	100	10	-	-	-	-
BLACKBACK . . . . .	4,500	401	-	-	-	-
FLUKE . . . . .	37,800	4,326	-	-	-	-
FRIGATE HACKEREL . . . . .	600	34	-	-	-	-
HAKE, WHITE . . . . .	700	22	-	-	-	-
HERRING, SEA . . . . .	1,627,300	19,907	173,400	2,601	751,900	\$5,059
HACKEREL . . . . .	1,019,000	113,427	529,000	44,040	-	-
HENHADEN . . . . .	32,000	586	1,200	12	-	-
POLLOCK . . . . .	71,500	3,165	5,600	117	-	-
SCUP OR PORGY . . . . .	46,500	2,074	-	-	-	-
SEA BASS . . . . .	4,200	368	-	-	-	-
SHAD . . . . .	5,200	127	-	-	-	-
SHARKS . . . . .	1,700	156	100	7	-	-
STRIPED BASS . . . . .	23,400	4,367	-	-	-	-
TURGEON . . . . .	100	20	-	-	-	-
TAUTOG . . . . .	4,700	441	-	-	-	-
TUNA AND TUNALIKE FISHES:						
BLUEFIN . . . . .	1,053,900	75,759	1,400	124	-	-
BONITO . . . . .	200	51	-	-	-	-
WHITING . . . . .	744,600	8,990	89,200	2,303	-	-
UNCLASSIFIED:						
FOR FOOD . . . . .	7,100	672	-	-	-	-
OTHER . . . . .	139,000	891	7,500	58	-	-
SCALLOPS, BAY . . . . .	-	-	-	-	65,000	54,444
SQUID . . . . .	1,971,300	66,140	149,700	4,958	-	-
TOTAL . . . . .	7,299,600	358,133	1,060,900	62,560	816,900	59,503

SPECIES	OTTER TRAWLS		POTS		HARPOONS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ANGLERFISH . . . . .	12,000	\$719	-	-	-	-
BLUEFISH . . . . .	200	28	-	-	-	-
BUTTERFISH . . . . .	1,189,100	97,882	-	-	-	-
COD . . . . .	34,297,600	2,423,014	-	-	-	-
CUNNER . . . . .	100	3	-	-	-	-
CUSK . . . . .	1,212,800	49,921	-	-	-	-
EELS:						
COMMON . . . . .	17,200	419	7,600	\$1,400	-	-
CONGER . . . . .	7,900	170	-	-	-	-
FLOUNDERS:						
GRAY SOLE . . . . .	4,300,800	451,308	-	-	-	-
LEMON SOLE . . . . .	2,857,600	546,582	-	-	-	-
YELLOWTAIL . . . . .	16,494,600	2,138,403	-	-	-	-
BLACKBACK . . . . .	11,076,800	1,774,370	-	-	-	-
DAB . . . . .	8,941,900	757,979	-	-	-	-
FLUKE . . . . .	4,457,700	943,865	-	-	-	-
UNCLASSIFIED . . . . .	300	12	-	-	-	-
GRAYFISH . . . . .	1,300	27	-	-	-	-
HADDOCK . . . . .	142,017,000	10,910,958	-	-	-	-
HAKE:						
RED . . . . .	4,235,100	66,362	-	-	-	-
WHITE . . . . .	5,203,800	229,617	-	-	-	-
HALIBUT . . . . .	220,600	42,044	-	-	-	-
HERRING, SEA . . . . .	126,100	1,979	-	-	-	-
HACKEREL . . . . .	132,800	16,498	-	-	-	-
HENHADEN . . . . .	400	5	-	-	-	-
OCEAN PERCH . . . . .	184,370,600	9,167,532	-	-	-	-
OCEAN POUT . . . . .	138,900	2,431	-	-	-	-
POLLOCK . . . . .	13,926,100	668,294	-	-	-	-
SCUP OR PORGY . . . . .	985,200	59,978	-	-	-	-
SEA BASS . . . . .	99,200	8,694	-	-	-	-
SHAD . . . . .	1,400	59	-	-	-	-
SHARKS . . . . .	20,000	2,288	-	-	-	-
SKATES . . . . .	13,300	771	-	-	-	-
STRIPED BASS . . . . .	700	200	-	-	-	-
TURGEON . . . . .	7,000	1,082	-	-	-	-
SWORDFISH . . . . .	-	-	-	-	144,100	\$63,475
TAUTOG . . . . .	33,500	1,324	-	-	-	-
TILEFISH . . . . .	1,022,700	87,103	-	-	-	-
TUNA, BLUEFIN . . . . .	13,400	2,054	-	-	-	-
WHITE BAIT . . . . .	600	44	-	-	-	-
WHITING . . . . .	97,014,900	2,471,216	-	-	-	-

(CONTINUED ON NEXT PAGE)

# NEW ENGLAND FISHERIES

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## MASSACHUSETTS - CATCH BY GEAR, 1951 - Continued

SPECIES	OTTER TRAWLS		POTS		HARPOONS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
WOLFFISH . . . . .	1,582,600	\$95,324	-	-	-	-
UNCLASSIFIED:						
FOR FOOD . . . . .	7,672,400	573,228	-	-	-	-
OTHER . . . . .	19,546,600	179,011	-	-	-	-
CRABS, ROCK . . . . .	-	-	1,539,900	\$96,059	-	-
LOBSTERS, NORTHERN . . . . .	500	109	3,718,000	1,555,568	-	-
SHRIMP . . . . .	13,000	1,249	-	-	-	-
CONCHS. . . . .	-	-	46,500	4,650	-	-
SCALLOPS, SEA . . . . .	42,000	17,287	-	-	-	-
SQUID . . . . .	74,800	4,510	-	-	-	-
<b>TOTAL . . . . .</b>	<b>563,383,100</b>	<b>33,796,853</b>	<b>5,312,000</b>	<b>1,657,697</b>	<b>144,100</b>	<b>\$63,475</b>

SPECIES	DREDGES		TONGS		RAKES	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUTTERFISH . . . . .	200	\$23	-	-	-	-
COD . . . . .	1,200	60	-	-	-	-
FLOUNDER:						
GRAY SOLE . . . . .	42,700	3,726	-	-	-	-
LEMON SOLE . . . . .	32,000	4,588	-	-	-	-
YELLOWTAIL . . . . .	228,600	22,554	-	-	-	-
BLACKBACK . . . . .	39,700	5,256	-	-	-	-
DAB . . . . .	9,100	786	-	-	-	-
FLUKE . . . . .	2,100	326	-	-	-	-
HADDOCK . . . . .	100	7	-	-	-	-
HAKE:						
RED . . . . .	200	3	-	-	-	-
WHITE . . . . .	4,400	84	-	-	-	-
TUNA, BLUEFIN . . . . .	200	13	-	-	-	-
WOLFFISH . . . . .	2,600	87	-	-	-	-
UNCLASSIFIED, FOR FOOD. . . . .	6,700	401	-	-	-	-
LOBSTERS, NORTHERN . . . . .	100	31	-	-	-	-
CLAMS:						
HARD, PUBLIC. . . . .	291,500	85,100	459,400	\$174,439	1,220,100	\$451,829
HARD, PRIVATE . . . . .	-	-	-	-	74,300	31,824
SOFT, PUBLIC. . . . .	-	-	-	-	1,000	600
SURF. . . . .	14,100	3,150	-	-	7,700	2,800
MUSSELS, SEA. . . . .	57,600	9,600	-	-	100	25
OYSTERS, MARKET:						
PUBLIC, SPRING. . . . .	-	-	1,300	400	7,000	4,353
PUBLIC, FALL. . . . .	-	-	95,900	55,250	4,600	2,853
PRIVATE, SPRING . . . . .	51,700	31,765	2,000	1,464	13,000	10,000
PRIVATE, FALL . . . . .	33,500	27,842	17,200	9,975	13,800	10,625
SCALLOPS:						
BAY . . . . .	953,000	730,456	200	175	96,000	79,680
SEA . . . . .	13,523,900	6,044,627	-	-	1,409,400	21,192
IRISH MOSS. . . . .	-	-	-	-	-	-
<b>TOTAL . . . . .</b>	<b>15,295,200</b>	<b>6,970,485</b>	<b>576,000</b>	<b>241,703</b>	<b>2,847,000</b>	<b>615,781</b>

SPECIES	FORKS		HOES	
	POUNDS	VALUE	POUNDS	VALUE
CLAMS:				
HARD, PUBLIC. . . . .	-	-	127,700	\$58,505
RAZOR . . . . .	-	-	46,800	6,274
SOFT, PUBLIC. . . . .	52,700	\$32,400	1,639,500	698,473
SOFT, PRIVATE . . . . .	-	-	700	424
MUSSELS, SEA. . . . .	14,400	2,400	-	-
OYSTERS, MARKET, PRIVATE, FALL . . . . .	8,100	5,625	-	-
SANDWORMS . . . . .	100	25	800	1,800
<b>TOTAL . . . . .</b>	<b>75,300</b>	<b>40,450</b>	<b>1,815,500</b>	<b>765,476</b>

# NEW ENGLAND FISHERIES

## RHODE ISLAND

### OPERATING UNITS BY GEAR, 1951

ITEM	PURSE SEINES		HAUL SEINES, COMMON	LINES		
	MACKEREL	MENHADEN		HAND	TRAWL OR TROT, WITH HOOKS	TROLL
FISHERMEN:	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>
ON VESSELS . . . . .	28	7	-	2	7	-
ON BOATS AND SHORE:						
REGULAR . . . . .	-	-	20	70	-	16
CASUAL . . . . .	-	-	-	107	-	-
TOTAL . . . . .	28	7	20	179	7	16
VESSELS, MOTOR . . . . .	2	2	-	1	1	-
NET TONNAGE . . . . .	84	17	-	9	72	-
BOATS:						
MOTOR . . . . .	-	-	2	107	-	13
OTHER . . . . .	-	-	6	-	-	-
ACCESSORY BOATS . . . . .	4	2	-	-	-	-
APPARATUS:						
NUMBER . . . . .	2	2	5	251	4	47
LENGTH, YARDS . . . . .	1,120	420	1,100	-	-	-
HOOKS . . . . .	-	-	-	251	1,600	47

ITEM	FLOATING TRAPS	OTTER TRAWLS, FISH	POTS			
			CRAB	EEL	LOBSTER	PERIWINKLE AND COCKLE
FISHERMEN:	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>
ON VESSELS . . . . .	50	418	-	-	-	-
ON BOATS AND SHORE:						
REGULAR . . . . .	7	54	2	9	34	13
CASUAL . . . . .	-	-	-	2	72	-
TOTAL . . . . .	57	472	2	11	106	13
VESSELS, MOTOR . . . . .	6	104	-	-	-	-
NET TONNAGE . . . . .	66	2,091	-	-	-	-
BOATS:						
MOTOR . . . . .	2	31	2	11	106	8
OTHER . . . . .	4	-	-	-	-	-
ACCESSORY BOATS . . . . .	15	-	-	-	-	-
APPARATUS:						
NUMBER . . . . .	16	135	100	590	8,788	490
YARDS AT MOUTH . . . . .	-	3,265	-	-	-	-

ITEM	HARPOONS	DREDGES			TONGS	
		CLAN	OYSTER, COMMON	SCALLOP	OYSTER	OTHER
FISHERMEN:	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>
ON VESSELS . . . . .	30	13	19	87	-	-
ON BOATS AND SHORE:						
REGULAR . . . . .	2	41	-	236	5	368
CASUAL . . . . .	-	-	-	371	-	856
TOTAL . . . . .	32	54	19	694	5	1,224
VESSELS, MOTOR . . . . .	6	5	5	21	-	-
NET TONNAGE . . . . .	88	94	71	280	-	-
BOATS:						
MOTOR . . . . .	2	20	-	564	-	909
OTHER . . . . .	-	-	-	-	5	315
ACCESSORY BOATS . . . . .	14	-	-	-	-	-
APPARATUS:						
NUMBER . . . . .	8	25	10	1,649	5	1,224
YARDS AT MOUTH . . . . .	-	26	15	1,330	-	-

ITEM	RAKES, OTHER THAN FOR OYSTERS	FORKS	HOES	TOTAL, EXCLUSIVE OF DUPLICATION
				<u>NUMBER</u>
FISHERMEN:	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>
ON VESSELS . . . . .	-	-	-	605
ON BOATS AND SHORE:				
REGULAR . . . . .	115	48	35	579
CASUAL . . . . .	115	32	30	1,234
TOTAL . . . . .	230	80	65	2,418
VESSELS, MOTOR . . . . .	-	-	-	131
NET TONNAGE . . . . .	-	-	-	2,618
BOATS:				
MOTOR . . . . .	230	-	-	1,353
OTHER . . . . .	-	20	-	325
ACCESSORY BOATS . . . . .	-	-	-	35
APPARATUS, NUMBER . . . . .	230	60	65	-

# NEW ENGLAND FISHERIES

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## RHODE ISLAND - CATCH BY GEAR, 1951

SPECIES	PURSE SEINES		HAUL SEINES		LINES	
					HAND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES . . . . .	-	-	104,300	\$1,022	-	-
ANGLERFISH . . . . .	-	-	-	-	200	\$5
BLUEFISH . . . . .	-	-	-	-	1,900	422
COD . . . . .	-	-	-	-	471,400	46,170
EELS:						
COMMON . . . . .	-	-	600	93	-	-
CONGER . . . . .	-	-	-	-	500	12
FLOUNDERS:						
BLACKBACK . . . . .	-	-	200	19	500	55
DAB . . . . .	-	-	-	-	100	9
FLUKE . . . . .	-	-	-	-	300	37
GRAYFISH . . . . .	-	-	-	-	200	5
HADDOCK . . . . .	-	-	-	-	700	78
HAKE, WHITE . . . . .	-	-	-	-	6,300	273
MACKEREL . . . . .	16,500	\$2,660	-	-	-	-
MENHADEN . . . . .	2,951,700	44,191	-	-	-	-
POLLOCK . . . . .	-	-	-	-	13,700	757
SCUP OR PORGY . . . . .	-	-	-	-	8,200	892
SEA BASS . . . . .	-	-	-	-	368,000	38,474
SKATES . . . . .	-	-	-	-	300	18
STRIPED BASS . . . . .	-	-	17,600	3,746	23,800	6,038
TAUTOG . . . . .	-	-	-	-	6,900	370
TUNA, BLUEFIN . . . . .	-	-	-	-	2,700	354
WHITE PERCH . . . . .	-	-	15,200	2,789	-	-
UNCLASSIFIED:						
FOR FOOD . . . . .	-	-	1,600	71	-	-
OTHER . . . . .	-	-	37,600	331	2,000	20
<b>TOTAL . . . . .</b>	<b>2,968,200</b>	<b>46,851</b>	<b>177,100</b>	<b>8,071</b>	<b>907,700</b>	<b>93,989</b>

SPECIES	LINES - CONTINUED				FLOATING TRAPS	
	TRAWL OR TROT, WITH HOOKS		TROLL			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES . . . . .	-	-	-	-	801,500	\$7,635
AMBERJACK . . . . .	-	-	-	-	1,300	38
ANCHOVIES . . . . .	-	-	-	-	3,500	192
ANGLERFISH . . . . .	-	-	-	-	3,000	61
BLUEFISH . . . . .	-	-	200	\$35	30,800	5,466
BUTTERFISH . . . . .	-	-	-	-	304,800	23,927
COD . . . . .	-	-	-	-	306,600	23,731
CREVALLE . . . . .	-	-	-	-	200	4
DOLPHIN . . . . .	-	-	-	-	300	7
EELS, CONGER . . . . .	-	-	-	-	600	12
FLOUNDERS:						
BLACKBACK . . . . .	-	-	-	-	3,900	369
FLUKE . . . . .	-	-	-	-	118,500	22,179
GRAYFISH . . . . .	-	-	-	-	700	6
HADDOCK . . . . .	-	-	-	-	400	28
HAKE:						
RED . . . . .	-	-	-	-	5,700	118
WHITE . . . . .	-	-	-	-	100	6
HERRING, SEA . . . . .	-	-	-	-	84,800	993
KING WHITING OR "KINGFISH"	-	-	-	-	500	79
MACKEREL . . . . .	-	-	1,700	196	71,500	6,368
MENHADEN . . . . .	-	-	-	-	15,300	236
MULLET . . . . .	-	-	-	-	1,600	47
PILOTFISH . . . . .	-	-	-	-	200	5
POLLOCK . . . . .	-	-	-	-	10,600	428
SCUP OR PORGY . . . . .	-	-	-	-	1,879,400	160,275
SEA BASS . . . . .	-	-	-	-	207,800	20,843
SEA ROBIN . . . . .	-	-	-	-	69,000	945
SEA TROUT OR WEAKFISH,						
GRAY . . . . .	-	-	-	-	800	150
SHAD . . . . .	-	-	-	-	5,400	161
SHARKS . . . . .	-	-	-	-	3,100	159
SPOT . . . . .	-	-	-	-	10,000	500
STRIPED BASS . . . . .	-	-	7,500	1,944	60,400	12,596
STURGEON . . . . .	-	-	-	-	600	142
SMELFISH . . . . .	-	-	-	-	40,500	2,047
TAUTOG . . . . .	-	-	-	-	20,200	597
THIMBLE-EYED MACKEREL . . . . .	-	-	-	-	200	9
TILEFISH . . . . .	5,500	\$443	-	-	-	-
TUNA AND TUNALIKE FISHES:						
BLUEFIN . . . . .	-	-	-	-	8,200	1,093
BONITO . . . . .	-	-	-	-	400	33
WHITING . . . . .	-	-	-	-	97,500	1,775

(CONTINUED ON NEXT PAGE)

## NEW ENGLAND FISHERIES

## RHODE ISLAND - CATCH BY GEAR, 1951 - Continued

SPECIES	LINES - CONTINUED				FLOATING TRAPS	
	TRAWL OR TROT, WITH HOOKS		TROLL			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
UNCLASSIFIED: FOR FOOD . . . . .	-	-	-	-	1,900	\$81
OTHER . . . . .	-	-	-	-	683,200	6,416
SQUID . . . . .	-	-	-	-	1,191,300	43,257
TOTAL . . . . .	5,500	\$443	9,400	\$2,175	6,046,300	343,014

SPECIES	OTTER TRAWLS		POTS	
	POUNDS	VALUE	POUNDS	VALUE
ANGLERFISH . . . . .	16,700	\$389	-	-
BLUEFISH . . . . .	3,800	725	-	-
BUTTERFISH . . . . .	1,449,300	107,532	-	-
COD . . . . .	382,600	30,359	-	-
CUNNER . . . . .	3,500	50	-	-
CUSK . . . . .	100	7	-	-
EELS:				
COMMON . . . . .	-	-	32,900	\$5,335
CONGER . . . . .	41,300	644	-	-
FLOUNDERS:				
GRAY SOLE . . . . .	6,500	681	-	-
LEMON SOLE . . . . .	43,900	6,715	-	-
YELLOWTAIL . . . . .	723,400	94,044	-	-
BLACKBACK . . . . .	1,319,700	125,031	-	-
DAB . . . . .	68,800	12,506	-	-
FLUKE . . . . .	1,069,900	208,741	-	-
UNCLASSIFIED . . . . .	11,600	256	-	-
GRAYFISH . . . . .	31,300	304	-	-
HADDOCK . . . . .	373,300	27,362	-	-
HAKE:				
RED . . . . .	104,700	2,312	-	-
WHITE . . . . .	20,900	900	-	-
HERRING, SEA . . . . .	801,000	10,821	-	-
KING WHITING OR "KINGFISH" . . . . .	100	17	-	-
MACKEREL . . . . .	2,000	294	-	-
MENHADEN . . . . .	1,500	22	-	-
OCEAN PERCH . . . . .	7,500	322	-	-
POLLOCK . . . . .	20,500	884	-	-
SCUP OR PORGY . . . . .	2,193,000	187,214	-	-
SEA BASS . . . . .	149,000	14,757	-	-
SEA ROBIN . . . . .	3,500	48	-	-
SEA TROUT OR WEAKFISH, GRAY	200	33	-	-
SMAD . . . . .	200	7	-	-
SHARKS . . . . .	2,800	150	-	-
SILVERSIDES . . . . .	200	4	-	-
SKATES . . . . .	7,300	168	-	-
STRIPED BASS . . . . .	2,500	518	-	-
STURGEON . . . . .	1,200	423	-	-
TAUOG . . . . .	16,300	512	-	-
TILEFISH . . . . .	448,000	36,397	-	-
WHITING . . . . .	644,500	18,958	-	-
WOLFFISH . . . . .	500	34	-	-
UNCLASSIFIED: FOR FOOD . . . . .	6,400	284	-	-
OTHER . . . . .	23,017,500	206,634	-	-
CRABS, ROCK . . . . .	-	-	33,600	3,021
LOBSTERS, NORTHERN . . . . .	1,000	238	211,100	92,582
CONCHS . . . . .	-	-	72,800	7,840
SQUID . . . . .	543,900	20,664	-	-
TOTAL . . . . .	33,541,900	1,118,191	350,400	108,778

SPECIES	HARPOONS		DREDGES		TONGS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
SWORDFISH . . . . .	55,000	\$32,822	-	-	-	-
CLAMS:						
HARD, PUBLIC . . . . .	-	-	241,600	\$61,616	2,137,800	\$704,899
OCEAN QUAHOG AND SURF . . . . .	-	-	201,100	13,730	4,200	1,050
MUSSELS, SEA . . . . .	-	-	165,000	20,625	-	-
OYSTERS, MARKET, PRIVATE:						
SPRING . . . . .	-	-	376,800	203,754	-	-
FALL . . . . .	-	-	483,500	283,039	8,400	4,156
SCALLOPS:						
BAY . . . . .	-	-	66,100	58,816	-	-
SEA . . . . .	-	-	201,300	98,554	-	-
TOTAL . . . . .	55,000	32,822	1,735,400	740,134	2,150,400	710,105

(CONTINUED ON NEXT PAGE)

# NEW ENGLAND FISHERIES

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## RHODE ISLAND - CATCH BY GEAR, 1951 - Continued

ITEM	RAKES		FORKS		HOES	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CLAMS, PUBLIC:						
HARD . . . . .	674,200	\$225,271	-	-	-	-
SOFT . . . . .	-	-	92,900	\$34,358	80,900	\$31,972
TOTAL . . . . .	674,200	225,271	92,900	34,358	80,900	31,972

## CONNECTICUT

### OPERATING UNITS BY GEAR, 1951

ITEM	HAUL SEINES, COMMON	GILL NETS, DRIFT	LINES		POUND NETS	WEIRS, EEL
			HAND	TRAWL OR TROT, WITH HOOKS		
FISHERMEN:	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>
ON VESSELS . . . . .	-	4	10	10	-	-
ON BOATS AND SHORE:						
REGULAR . . . . .	19	29	23	-	15	-
CASUAL . . . . .	167	100	157	-	19	1
TOTAL . . . . .	186	133	190	10	34	1
VESSELS, MOTOR . . . . .	-	2	6	1	-	-
NET TONNAGE . . . . .	-	14	39	21	-	-
BOATS:						
MOTOR . . . . .	60	54	92	-	9	1
OTHER . . . . .	42	44	32	-	1	-
ACCESSORY BOATS . . . . .	-	-	-	8	-	-
APPARATUS:						
NUMBER . . . . .	85	79	199	16	12	1
LENGTH, YARDS . . . . .	7,109	-	-	-	-	-
SQUARE YARDS . . . . .	-	60,402	-	-	-	-
HOOKS . . . . .	-	-	287	8,000	-	-

ITEM	STOP NETS	FYKE NETS, FISH	DIP NETS, COMMON	OTTER TRAWLS, FISH	POTS	
					EEL	LOBSTER
FISHERMEN:	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>
ON VESSELS . . . . .	-	-	-	203	-	21
ON BOATS AND SHORE:						
REGULAR . . . . .	-	2	10	23	11	68
CASUAL . . . . .	17	8	861	77	56	265
TOTAL . . . . .	17	10	871	303	67	354
VESSELS, MOTOR . . . . .	-	-	-	63	-	11
NET TONNAGE . . . . .	-	-	-	1,343	-	74
BOATS:						
MOTOR . . . . .	5	6	436	58	35	193
OTHER . . . . .	8	-	413	-	10	44
APPARATUS:						
NUMBER . . . . .	15	18	871	121	852	13,572
LENGTH, YARDS . . . . .	447	-	-	-	-	-
YARDS AT MOUTH . . . . .	-	-	-	2,024	-	-

ITEM	POTS-CONT'D.		SPEARS	DREDGES		
	PERIWINKLE AND COCKLE	HARPOONS		CLAM	OYSTER, COMMON	SCALLOP
FISHERMEN:	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>
ON VESSELS . . . . .	-	5	-	3	179	-
ON BOATS AND SHORE:						
REGULAR . . . . .	4	-	-	-	4	4
CASUAL . . . . .	9	-	2	-	-	8
TOTAL . . . . .	13	5	2	3	183	12
VESSELS:						
MOTOR . . . . .	-	2	-	2	25	-
NET TONNAGE . . . . .	-	19	-	30	794	-
STEAM . . . . .	-	-	-	-	3	-
NET TONNAGE . . . . .	-	-	-	-	191	-
TOTAL VESSELS . . . . .	-	2	-	2	28	-
TOTAL NET TONNAGE . . . . .	-	19	-	30	985	-
BOATS, MOTOR . . . . .	10	-	2	-	2	8
ACCESSORY BOATS . . . . .	-	2	-	-	-	-
APPARATUS:						
NUMBER . . . . .	215	2	2	2	60	16
YARDS AT MOUTH . . . . .	-	-	-	2	90	16

(CONTINUED ON NEXT PAGE)

## NEW ENGLAND FISHERIES

## CONNECTICUT - OPERATING UNITS BY GEAR, 1951 - Continued

ITEM	TONGS		RAKES		HOES	TOTAL, EXCLUSIVE OF DUPLICATION
	OYSTER	OTHER	OYSTER	OTHER		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN: ON VESSELS . . . . .	-	3	-	-	-	405
ON BOATS AND SHORE:						
REGULAR . . . . .	18	6	-	3	1	104
CASUAL . . . . .	24	69	1	16	20	1,399
TOTAL . . . . .	42	80	1	19	21	1,908
VESSELS:						
MOTOR . . . . .	-	2	-	-	-	96
NET TONNAGE . . . . .	-	14	-	-	-	1,944
STEAM . . . . .	-	-	-	-	-	3
NET TONNAGE . . . . .	-	-	-	-	-	191
TOTAL VESSELS . . . . .	-	2	-	-	-	99
TOTAL NET TONNAGE . . . . .	-	14	-	-	-	2,135
BOATS:						
MOTOR . . . . .	28	41	1	11	18	739
OTHER . . . . .	5	19	-	3	2	549
ACCESSORY BOATS . . . . .	-	-	-	-	-	10
APPARATUS, NUMBER . . . . .	42	80	1	19	21	-

## CONNECTICUT - CATCH BY GEAR, 1951

SPECIES	HAUL SEINES		GILL NETS, DRIFT		LINES	
	POUNDS	VALUE	POUNDS	VALUE	HAND	
					POUNDS	VALUE
ALEWIVES . . . . .	482,900	\$5,170	7,000	\$100	-	-
BLUEFISH . . . . .	-	-	1,600	500	46,500	\$13,322
BUTTERFISH . . . . .	-	-	-	-	100	10
CARP . . . . .	35,800	3,781	200	16	-	-
COD . . . . .	-	-	-	-	100	12
CUNNER . . . . .	-	-	-	-	11,800	209
EELS, COMMON . . . . .	-	-	-	-	300	69
FLOUNDERS:						
BLACKBACK . . . . .	100	10	-	-	3,800	469
DAB . . . . .	-	-	-	-	3,700	105
FLUKE . . . . .	100	18	-	-	2,200	435
GRAYFISH . . . . .	-	-	-	-	100	3
HACKEREL . . . . .	-	-	-	-	300	37
MENHADEN . . . . .	-	-	41,100	577	-	-
MINNOWS . . . . .	99,200	7,256	-	-	-	-
POLLOCK . . . . .	-	-	-	-	1,200	118
SCUP OR PORGY . . . . .	-	-	-	-	3,200	271
SEA BASS . . . . .	-	-	-	-	5,500	634
SEA ROBIN . . . . .	-	-	-	-	2,600	41
SEA TROUT OR WEAKFISH . . . . .	-	-	-	-	-	-
GRAY . . . . .	-	-	500	75	200	28
SHAD . . . . .	128,900	23,235	197,200	35,725	-	-
SHARKS . . . . .	-	-	-	-	400	14
SKATES . . . . .	-	-	-	-	14,300	232
SHELT . . . . .	500	177	-	-	-	-
STRIPED BASS . . . . .	-	-	-	-	1,300	350
SUCKERS . . . . .	3,700	307	-	-	300	30
SWELFISH . . . . .	-	-	-	-	300	15
TAUTOG . . . . .	-	-	-	-	10,800	1,103
TUNA, BLUEFIN . . . . .	-	-	-	-	4,700	437
YELLOW PERCH . . . . .	200	30	-	-	-	-
TOTAL . . . . .	751,400	39,964	247,600	36,993	113,700	18,144

SPECIES	LINES - CONTINUED		POUND NETS		WEIRS	
	TRAWL OR TROT, WITH HOOKS		POUNDS	VALUE	POUNDS	VALUE
POUNDS	VALUE	POUNDS				
BLUEFISH . . . . .	-	-	2,900	\$710	-	-
BUTTERFISH . . . . .	-	-	1,100	155	-	-
CARP . . . . .	-	-	200	20	-	-
COD . . . . .	-	-	100	15	-	-
EELS, COMMON . . . . .	-	-	-	-	400	\$100

(CONTINUED ON NEXT PAGE)

# NEW ENGLAND FISHERIES

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## CONNECTICUT - CATCH BY GEAR, 1951 - Continued

SPECIES	LINES - CONTINUED		POUND NETS		WEIRS	
	TRAWL OR TROT, WITH HOOKS					
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FLOUNDERS:						
BLACKBACK . . . . .	-	-	2,000	\$200	-	-
DAB . . . . .	-	-	29,800	363	-	-
FLUKE . . . . .	-	-	3,600	660	-	-
GRAYFISH . . . . .	-	-	100	4	-	-
MENHADEN . . . . .	-	-	29,000	206	-	-
SCUP OR PORGY . . . . .	-	-	100	9	-	-
SEA BASS . . . . .	-	-	100	12	-	-
SEA ROBIN . . . . .	-	-	30,300	375	-	-
SEA TROUT OR WEAKFISH, GRAY	-	-	900	120	-	-
SHAD . . . . .	-	-	6,900	1,230	-	-
SKATES . . . . .	-	-	33,600	433	-	-
STURGEON . . . . .	-	-	200	46	-	-
SUCKERS . . . . .	-	-	4,000	160	-	-
TAUTOG . . . . .	-	-	2,700	255	-	-
TILEFISH . . . . .	10,400	\$900	-	-	-	-
YELLOW PERCH . . . . .	-	-	500	75	-	-
SQUID . . . . .	-	-	3,500	305	-	-
TOTAL . . . . .	10,400	900	151,600	5,353	400	\$100

SPECIES	STOP NETS		FYKE NETS		DIP NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CARP . . . . .	-	-	16,000	\$1,360	-	-
EELS, COMMON . . . . .	-	-	800	124	-	-
SHAD . . . . .	4,900	\$895	-	-	100	\$18
SUCKERS . . . . .	-	-	3,600	312	-	-
YELLOW PERCH . . . . .	-	-	200	30	-	-
CRABS, BLUE:						
HARD . . . . .	-	-	-	-	1,800	455
SOFT AND PEELERS . . . . .	-	-	-	-	300	135
SCALLOPS, BAY . . . . .	-	-	-	-	67,100	33,111
TOTAL . . . . .	4,900	895	20,600	1,826	69,300	33,719

SPECIES	OTTER TRAWLS		POTS		HARPOONS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUEFISH . . . . .	3,800	\$370	-	-	-	-
BUTTERFISH . . . . .	620,600	49,639	-	-	-	-
COD . . . . .	301,700	30,510	-	-	-	-
CUNNER . . . . .	1,400	70	-	-	-	-
EELS:						
COMMON . . . . .	-	-	11,000	\$2,616	-	-
CONGER . . . . .	8,100	500	-	-	-	-
FLOUNDERS:						
YELLOWTAIL . . . . .	100,500	10,575	-	-	-	-
BLACKBACK . . . . .	1,699,000	164,072	-	-	-	-
DAB . . . . .	218,800	3,215	-	-	-	-
FLUKE . . . . .	434,600	86,604	-	-	-	-
GRAYFISH . . . . .	5,900	190	-	-	-	-
HADDOCK . . . . .	8,600	800	-	-	-	-
HAKE:						
RED . . . . .	53,700	2,602	-	-	-	-
WHITE . . . . .	4,100	130	-	-	-	-
HERRING, SEA . . . . .	1,412,300	16,210	-	-	-	-
MACKEREL . . . . .	6,000	609	-	-	-	-
POLLOCK . . . . .	3,000	275	-	-	-	-
SCUP OR PORGY . . . . .	1,810,800	154,630	-	-	-	-
SEA BASS . . . . .	55,800	6,498	-	-	-	-
SEA ROBIN . . . . .	212,000	2,889	-	-	-	-
SEA TROUT OR WEAKFISH, GRAY	100	25	-	-	-	-
SHARKS . . . . .	3,900	156	100	4	-	-
SKATES . . . . .	222,600	3,161	-	-	-	-
STRIPED BASS . . . . .	20,200	4,227	-	-	-	-
STURGEON . . . . .	700	106	-	-	-	-
SWELLFISH . . . . .	100	8	-	-	-	-
SWORDFISH . . . . .	-	-	-	-	700	\$341
TAUTOG . . . . .	4,800	404	-	-	-	-
TILEFISH . . . . .	120,300	10,591	-	-	-	-
TUNA, BLUEFIN . . . . .	100	9	-	-	-	-

(CONTINUED ON NEXT PAGE)

## NEW ENGLAND FISHERIES

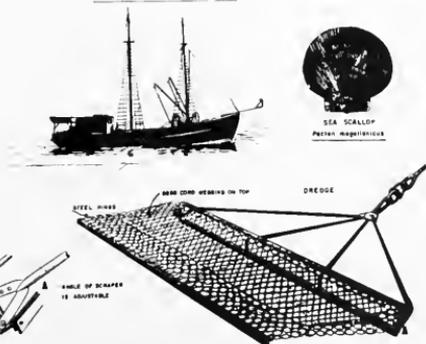
## CONNECTICUT - CATCH BY GEAR, 1951 - Continued

SPECIES	OTTER TRAWLS		POTS		HARPOONS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
WHITING . . . . .	174,300	\$13,273	-	-	-	-
UNCLASSIFIED:						
FOR FOOD. . . . .	694,800	50,117	-	-	-	-
OTHER . . . . .	261,400	2,700	-	-	-	-
LOBSTERS, NORTHERN. . . . .	1,500	512	311,300	\$147,377	-	-
CONCHS. . . . .	6,800	662	26,200	3,095	-	-
SQUID . . . . .	80,200	6,807	-	-	-	-
TOTAL . . . . .	8,554,500	623,348	350,600	153,092	700	\$341

SPECIES	SPEARS		DREDGES		TONGS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
EELS, COMMON. . . . .	200	\$38	-	-	-	-
CLAMS, HARD:						
PUBLIC. . . . .	-	-	-	-	30,500	\$9,483
PRIVATE . . . . .	-	-	9,900	\$3,668	-	-
OYSTERS, MARKET:						
PUBLIC, SPRING. . . . .	-	-	-	-	11,500	3,660
PUBLIC, FALL. . . . .	-	-	-	-	38,200	15,477
PRIVATE, SPRING . . . . .	-	-	411,100	143,242	-	-
PRIVATE, FALL . . . . .	-	-	391,400	201,953	-	-
SCALLOPS, BAY . . . . .	-	-	5,400	2,693	-	-
TOTAL . . . . .	200	38	817,800	351,556	80,200	28,620

SPECIES	RAKES		HOES	
	POUNDS	VALUE	POUNDS	VALUE
CLAMS, PUBLIC:				
HARD. . . . .	8,800	\$3,322	-	-
SOFT. . . . .	-	-	1,400	\$584
OYSTERS, MARKET, PUBLIC,				
FALL . . . . .	500	190	-	-
SANDWORMS . . . . .	-	-	300	243
TOTAL . . . . .	9,300	3,512	1,700	827

## SEA SCALLOP FISHERY



## 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 1951, one listing the catch by months, (Current Fishery Statistics, No. 747) and the other listing the catch by gear and by county, (Current Fishery Statistics, No. 743).

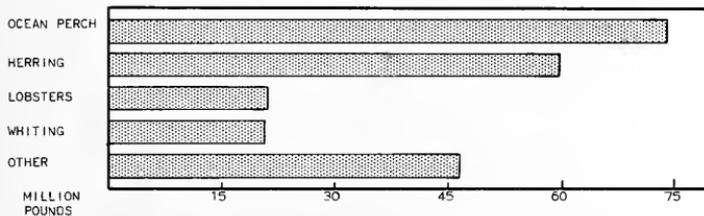
The data on Maine landings during 1951 in the following table, represent the landed weight of the fish. The figures on the landings of shellfish and marine products, other than fish, represent the round weight of the catch except for bivalve and univalve mollusks, which are reported in pounds of meats. The round weight of the catch would have been over 3 million pounds greater.

Landings of fishery products at Maine ports in 1951 totaled 220,923,000 pounds, valued at \$15,606,000 to the fishermen. This represented a decrease of 37 percent in quantity but an increase of 6 percent in value compared with the landings of the previous year. A decrease in herring landings of over 125 million pounds and ocean perch landings of over 5 million pounds were the main reasons for the marked reduction in the 1951 catch. Herring, used principally in the canning of Maine sardines, accounted for 27 percent of the total poundage. Although lobsters accounted for only 9 percent of the total catch, they represented 46 percent of the total value, making them the most valuable item taken.

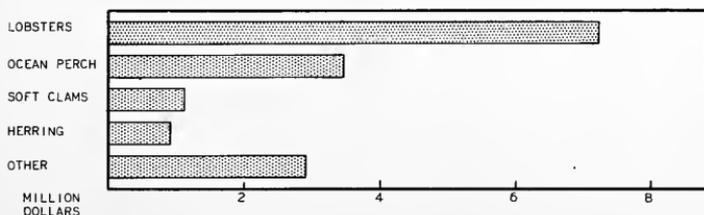
During the year, landings at Portland, Maine, totaled 56,939,700 pounds, valued at \$2,394,700. Imports of fresh sea herring into the Maine and New Hampshire Customs District during 1951 totaled 38,616,900 pounds.

Prior to 1947, these data on landings at Portland were included in the bulletins entitled 'Landings at Certain New England Ports', summaries of which appear in 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, 1951



### VALUE OF MAINE LANDINGS, 1951



## NEW ENGLAND FISHERIES

## LANDINGS AT MAINE PORTS, BY MONTHS, 1951

SPECIES	JANUARY		FEBRUARY		MARCH		APRIL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
COD:								
ROUND:								
LARGE . . . . .	6,829	\$273	1,820	\$73	14,912	\$681	44,866	\$1,557
MARKET . . . . .	5,073	101	2,005	40	3,098	67	46,108	1,013
SCROD . . . . .	944	9	125	1	-	-	30,485	366
DRAWN:								
LARGE . . . . .	93,072	8,070	92,619	7,969	173,372	15,725	490,961	32,194
MARKET . . . . .	54,224	2,542	51,611	2,855	138,103	7,453	215,712	10,518
SCROD . . . . .	9,411	358	7,350	307	12,723	363	41,162	1,150
HADDOCK:								
ROUND:								
LARGE . . . . .	5,140	514	1,458	146	134	13	30,629	1,878
SCROD . . . . .	473	19	55	2	16	1	2,408	95
DRAWN:								
LARGE . . . . .	156,613	19,859	107,812	12,175	120,963	13,693	329,587	28,201
SCROD . . . . .	50,950	2,996	75,336	4,292	96,639	5,273	77,575	3,310
HAKE:								
RED, ROUND . . . . .	4,830	326	2,320	148	2,950	221	1,865	141
WHITE:								
ROUND . . . . .	5,129	154	965	29	123	13	788	17
DRAWN . . . . .	114,926	10,474	99,699	8,839	86,951	7,621	126,674	6,882
POLLOCK:								
ROUND . . . . .	590	13	595	9	79	2	1,654	20
DRAWN . . . . .	121,918	5,060	93,269	3,754	120,170	5,914	294,128	11,364
CUSK:								
ROUND . . . . .	11,494	287	2,462	86	377	8	2,316	46
DRAWN . . . . .	90,168	7,549	98,468	7,978	111,141	9,341	169,545	8,611
HALIBUT, DRAWN . . . . .	1,245	455	3,305	1,158	9,883	3,098	14,622	3,763
FLOUNDER, ROUND:								
GRAY SOLE . . . . .	103,800	7,551	88,465	6,680	132,321	10,807	172,784	9,883
LEMON SOLE . . . . .	17,685	2,249	12,636	1,786	14,091	2,021	10,180	902
YELLOWTAIL . . . . .	147,567	12,611	40,441	4,501	93,137	9,107	233,705	18,571
D.B. . . . .	90,263	5,005	47,439	3,011	162,506	10,248	653,472	32,101
OCEAN PERCH, ROUND . . . . .	3,286,328	182,774	5,093,480	302,561	7,849,173	448,069	7,636,670	378,278
WHITING:								
ROUND . . . . .	-	-	-	-	-	-	136,814	4,680
DRESSED . . . . .	-	-	-	-	3,295	315	197,330	7,495
WOLFFISH (CATFISH):								
ROUND . . . . .	75	2	48	1	961	25	980	20
DRAWN . . . . .	3,582	128	12,578	397	31,552	1,169	32,029	987
SHARK, DRESSED . . . . .	85	4	370	26	425	27	245	9
SHAD, ROUND . . . . .	-	-	117	10	-	-	15	1
ALEWIVES, ROUND . . . . .	-	-	-	-	-	-	21,700	226
SMELT, ROUND . . . . .	8,599	2,422	10,000	3,000	10,000	2,500	16,353	4,331
STURGEON, DRESSED . . . . .	-	-	-	-	133	9	23	5
MISCELLANEOUS . . . . .	37,580	182	155	11	300	12	3,430	81
TOTAL . . . . .	4,428,593	272,007	5,947,003	371,865	9,189,528	553,796	11,036,930	568,705
SHELLFISH, ETC.								
CRABS . . . . .	62,858	1,401	50,998	1,586	50,277	1,558	35,983	1,280
CLAMS:								
SOFT . . . . .	293,067	55,982	421,626	76,523	505,224	101,018	856,678	168,869
HARD (QUAHOGS) . . . . .	943,638	392,790	615,648	248,050	15,107	2,134	6,743	1,800
LOBSTERS . . . . .	104,387	44,618	85,463	35,809	626,132	268,024	772,394	271,138
SCALLOPS, SEA . . . . .	38,055	1,881	66,245	2,799	39,883	7,966	160	28
MUSSELS, SEA . . . . .	360	18	16,000	300	52,113	22,021	2,660	1,191
SEA URCHINS (SEA EGGS) . . . . .	451	362	390	307	161,640	3,710	83,505	1,889
BLOODWORMS . . . . .	-	-	-	-	28,420	753	-	-
SANDWORMS . . . . .	-	-	-	-	5,059	3,764	23,268	14,727
SEA MOSS . . . . .	-	-	-	-	750	578	1,264	1,080
LIVERS . . . . .	27,708	1,374	21,129	1,031	29,928	1,461	44,994	2,033
SPAWN . . . . .	221	18	391	52	1,811	210	2,184	167
VISCERA . . . . .	8,650	35	600	3	4,030	16	7,300	29
TOTAL . . . . .	1,479,395	498,479	1,283,290	367,420	1,520,374	413,213	1,882,133	464,905
GRAND TOTAL . . . . .	5,907,988	770,486	7,230,293	739,285	10,709,902	967,009	12,919,063	1,033,610

(CONTINUED ON NEXT PAGE)

# NEW ENGLAND FISHERIES

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## LANDINGS AT MAINE PORTS, BY MONTHS, 1951 - Continued

SPECIES	MAY		JUNE		JULY		AUGUST	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
<b>FISH</b>								
COD:								
ROUND:								
LARGE . . . . .	115,821	\$4,316	62,624	\$2,104	22,665	\$622	2,827	\$93
MARKET . . . . .	112,144	4,018	62,188	1,918	21,527	386	3,541	118
SCROD . . . . .	58,192	945	30,520	459	6,087	62	1,143	11
DRAWN:								
LARGE . . . . .	516,306	32,195	324,771	21,797	158,882	9,992	122,791	10,378
MARKET . . . . .	224,450	9,501	207,044	7,350	134,187	4,723	77,345	2,902
SCROD . . . . .	52,604	1,403	37,110	771	18,210	363	16,193	581
HADDOCK:								
ROUND:								
LARGE . . . . .	59,703	3,012	49,942	2,525	22,134	1,284	3,660	220
SCROD . . . . .	12,270	329	17,347	432	6,668	180	3,663	113
DRAWN:								
LARGE . . . . .	282,854	25,148	365,409	29,931	443,128	33,855	436,919	35,745
SCROD . . . . .	64,692	2,776	88,370	3,641	111,769	4,603	131,262	5,954
HAKE:								
RED, ROUND . . . . .	10,740	809	42,920	2,672	6,313	237	24,850	1,806
WHITE . . . . .								
ROUND . . . . .	23,832	581	212,338	5,423	291,488	7,027	160,271	3,879
DRAWN . . . . .	274,878	15,452	329,370	13,877	308,103	12,966	244,713	11,985
POLLOCK:								
ROUND . . . . .	102,312	1,281	409,461	5,812	249,485	3,763	293	5
DRAWN . . . . .	338,581	13,375	616,610	20,676	401,236	13,440	484,827	20,831
CUSK:								
ROUND . . . . .	3,825	76	8,767	209	3,280	80	2,186	54
DRAWN . . . . .	141,084	6,832	103,031	4,594	107,318	4,264	94,316	4,097
HALIBUT, DRAWN . . . . .	31,260	8,328	29,144	7,171	3,262	874	1,676	439
MACKEREL, ROUND . . . . .	29,446	6,175	531,874	21,508	555,115	30,876	279,809	17,692
FLOUNDER, ROUND:								
GRAY SOLE . . . . .	211,253	11,468	279,895	16,732	224,842	12,232	136,716	8,435
LEMON SOLE . . . . .	32,874	2,301	-	-	-	-	-	-
YELLOWTAIL . . . . .	1,113	74	165	8	15	1	1,660	64
BLACKBACK . . . . .	330,541	19,801	314,929	18,550	226,390	13,139	110,093	7,657
DAB . . . . .	290,744	12,564	258,742	12,840	112,187	5,151	114,502	4,701
OCEAN PERCH, ROUND . . . . .	6,244,980	272,971	8,935,524	365,734	9,682,380	377,921	7,727,282	294,412
WHITING:								
ROUND . . . . .	1,701,765	37,771	7,402,052	113,293	6,262,597	72,469	2,164,215	26,955
DRESSED . . . . .	3,299	149	30,000	1,125	67,780	2,248	6,400	234
WOLFFISH (CATFISH):								
ROUND . . . . .	3,313	67	1,789	35	882	17	137	3
DRAWN . . . . .	33,384	1,000	27,721	834	16,640	473	10,239	324
SHARK, DRESSED . . . . .	6,645	322	4,986	241	1,862	86	3,397	137
SHAD, ROUND . . . . .	585	51	10	1	1,228	53	1,891	82
TUNA, ROUND . . . . .	-	-	3,860	767	62,150	7,837	32,526	3,331
ALEWIVES, ROUND . . . . .	2,192,060	13,167	1,265,400	12,674	-	-	-	-
HERRING, ROUND . . . . .	14,880	424	6,785,730	97,614	3,650,745	53,008	8,608,230	124,125
SMELT, ROUND . . . . .	1,800	360	-	-	-	-	150	30
STURGEON, DRESSED . . . . .	77	15	205	22	60	5	-	-
MENHADEN, ROUND . . . . .	-	-	200,000	1,200	1,314,334	7,410	-	-
SALMON, ROUND . . . . .	-	-	55	28	1,290	645	273	137
BUTTERFISH, ROUND . . . . .	-	-	700	104	2,842	222	-	-
MISCELLANEOUS . . . . .	133,441	1,070	1,032,616	6,607	935,330	4,487	1,015,136	5,691
<b>TOTAL . . . . .</b>	<b>13,657,708</b>	<b>510,147</b>	<b>30,073,219</b>	<b>801,279</b>	<b>25,434,411</b>	<b>687,002</b>	<b>22,025,132</b>	<b>593,221</b>
<b>SHELLFISH, ETC.</b>								
CRABS . . . . .	57,270	2,302	128,299	5,796	97,649	3,831	79,053	3,337
CLAMS:								
SOFT . . . . .	676,804	142,669	397,198	86,640	427,381	119,305	397,843	116,604
HARD (QUAHOGS) . . . . .	56,650	20,951	62,701	18,778	108,848	46,010	153,538	49,070
LOBSTERS . . . . .	926,996	290,519	883,064	314,596	2,818,574	883,254	4,348,189	1,417,794
SCALLOPS, SEA . . . . .	9,678	578	20,905	8,678	37,478	15,687	29,229	12,328
MUSSELS, SEA . . . . .	23,010	972	320	160	-	-	-	-
PERIWINKLES . . . . .	-	-	495	160	-	-	-	-
SQUID . . . . .	-	-	-	-	4,345	103	376	11
BLOODWORMS . . . . .	64,032	46,957	28,556	23,397	22,694	16,996	15,402	11,859
SANDWORMS . . . . .	10,086	7,034	30,135	21,450	18,236	9,112	31,596	20,003
SEA MOSS . . . . .	521,919	7,829	399,803	5,995	155,000	1,550	155,182	2,393
LIVERS . . . . .	73,985	3,618	144,141	6,266	110,297	5,482	102,077	4,984
SPAWN . . . . .	530	84	54	8	7,800	25	-	-
VISCERA . . . . .	-	-	1,050	4	-	-	-	-
<b>TOTAL . . . . .</b>	<b>2,421,932</b>	<b>527,033</b>	<b>2,096,405</b>	<b>491,768</b>	<b>3,808,302</b>	<b>1,101,355</b>	<b>5,322,485</b>	<b>1,638,383</b>
<b>GRAND TOTAL . . . . .</b>	<b>16,079,640</b>	<b>1,037,180</b>	<b>32,169,624</b>	<b>1,293,047</b>	<b>29,242,713</b>	<b>1,788,357</b>	<b>27,347,617</b>	<b>2,231,604</b>

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# NEW ENGLAND FISHERIES

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## LANDINGS AT MAINE PORTS, BY MONTHS, 1951 - Continued

SPECIES	SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
<b>FISH</b>								
COD:								
ROUND:								
LARGE . . . . .	3,651	\$114	7,761	\$306	8,788	\$440	4,055	\$203
MARKET . . . . .	2,655	66	8,038	262	6,542	273	2,122	74
SCROD . . . . .	1,527	16	3,571	89	4,523	174	1,088	22
DRAWN:								
LARGE . . . . .	119,305	11,455	102,332	9,265	52,240	4,935	66,134	5,439
MARKET . . . . .	90,110	3,544	72,062	3,453	32,026	1,760	66,138	3,566
SCROD . . . . .	12,288	238	14,519	466	4,773	212	14,879	538
HADDOCK:								
ROUND:								
LARGE . . . . .	5,619	414	1,014	71	2,139	213	11,932	1,086
SCROD . . . . .	3,739	177	1,143	57	1,319	67	3,828	163
DRAWN:								
LARGE . . . . .	450,814	37,198	296,943	30,143	125,214	15,717	208,686	26,737
SCROD . . . . .	142,974	6,623	112,937	6,264	53,987	3,292	73,228	5,941
HAKE:								
RED, ROUND . . . . .	26,420	1,608	26,345	2,205	10,250	956	1,395	94
WHITE:								
ROUND . . . . .	73,524	1,944	32,475	347	3,411	102	3,095	107
DRAWN . . . . .	306,400	14,630	247,149	16,716	111,454	8,177	90,714	8,047
POLLOCK:								
ROUND . . . . .	2,315	25	5,834	115	170	3	-	-
DRAWN . . . . .	486,313	20,737	544,007	25,166	446,457	23,362	651,382	31,932
CUSK:								
ROUND . . . . .	3,959	85	-	-	9,073	272	2,957	89
DRAWN . . . . .	96,068	4,049	70,088	4,504	40,519	3,121	56,055	4,572
HALIBUT, DRAWN . . . . .	2,504	798	671	197	463	140	1,116	363
MACKEREL, ROUND . . . . .	62,963	4,644	39,846	3,385	31,647	3,450	71	9
FLOUNDERS, ROUND:								
GRAY SOLE . . . . .	132,520	9,051	65,799	4,664	40,337	3,492	46,015	4,885
LEMON SOLE . . . . .	-	-	670	63	-	-	1,032	104
YELLOWTAIL . . . . .	12,355	1,114	4,230	550	7,682	873	635	64
BLACKBACK . . . . .	161,217	11,246	161,751	14,534	130,844	15,523	310,267	37,214
DAB . . . . .	125,326	5,733	61,551	2,963	55,996	3,268	46,731	3,315
OCEAN PERCH, ROUND . . . . .	6,447,675	268,040	5,011,558	236,646	3,775,954	186,885	2,250,831	114,525
WHITING:								
ROUND . . . . .	1,345,621	16,127	49,435	1,237	-	-	-	-
DRESSED . . . . .	-	-	790	22	220	10	450	25
WOLFFISH (CATFISH):								
ROUND . . . . .	87	2	320	6	-	-	-	-
DRAWN . . . . .	6,235	224	5,299	217	3,797	160	3,975	162
SHARK, DRESSED . . . . .	4,152	208	7,775	443	2,100	147	1,023	68
SHAD, ROUND . . . . .	31,381	856	16,311	832	12,101	659	12,525	632
TUNA, ROUND . . . . .	12,304	2,110	2,577	326	-	-	-	-
HERRING, ROUND . . . . .	11,719,295	184,250	17,587,755	279,044	8,762,410	133,980	2,609,030	41,244
SMELT, ROUND . . . . .	3,281	510	12,182	2,582	11,538	2,810	27,494	8,334
ELLS, ROUND . . . . .	12,500	2,500	30,000	6,000	6,480	1,406	3,915	924
STURGEON, DRESSED . . . . .	30	3	-	-	-	-	-	-
SUCKERS, ROUND . . . . .	-	-	-	-	-	-	12,500	813
BUTTERFISH, ROUND . . . . .	424	22	25	1	46	4	-	-
MISCELLANEOUS . . . . .	452,170	1,872	291,655	3,403	110,952	560	342,665	2,447
TOTAL . . . . .	22,361,721	612,233	24,896,418	656,544	13,865,452	416,443	6,927,963	303,738
<b>SHELLFISH, ETC.</b>								
CRABS . . . . .	109,985	4,012	45,555	1,526	18,842	457	12,926	645
CLAMS:								
SOFT . . . . .	372,752	101,674	284,820	80,490	197,636	52,464	289,540	84,699
HARD (QUAHOGS) . . . . .	62,590	20,659	45,708	12,858	20,248	6,063	26,902	7,533
LOBSTERS . . . . .	3,361,143	1,005,645	2,614,479	1,051,023	1,611,281	612,112	1,237,933	459,162
SCALLOPS, SEA . . . . .	55,085	24,232	43,443	20,994	123,978	63,264	112,380	57,546
MUSSELS, SEA . . . . .	-	-	-	-	40,450	1,555	34,215	1,060
PERIWINKLES . . . . .	240	80	-	-	288	96	1,194	401
SQUID . . . . .	320	10	24	1	-	-	-	-
SEA URCHINS (SEA EGGS) . . . . .	-	-	-	-	-	-	10,360	259
BLOODWORMS . . . . .	31,625	23,499	15,255	10,044	8,749	5,818	383	236
SANDWORMS . . . . .	26,362	14,372	24,404	13,109	3,700	1,619	98	55
SEA MOSS . . . . .	13,780	207	30,000	600	-	-	-	-
LIVERS . . . . .	98,514	4,623	105,054	4,474	65,354	3,073	67,299	3,305
SPAWN . . . . .	-	-	203	11	9,843	576	15	2
VISCERA . . . . .	950	1	7,400	33	6,650	27	14,400	107
TOTAL . . . . .	4,133,346	1,199,214	3,216,345	1,195,163	2,107,019	747,124	1,807,645	615,010
GRAND TOTAL . . . . .	26,495,067	1,811,447	28,112,763	1,851,707	15,972,471	1,163,567	8,735,608	918,748

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# NEW ENGLAND FISHERIES

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## LANDINGS AT MAINE PORTS, BY MONTHS, 1951 - Continued

SPECIES	TOTAL, 1951		TOTAL, 1950	
	POUNDS	VALUE	POUNDS	VALUE
<b>COD:</b>				
ROUND:				
LARGE . . . . .	296,619	\$10,782	293,855	\$7,631
MARKET . . . . .	275,041	8,336	243,715	4,622
SCROD . . . . .	138,205	2,154	48,835	538
DRAWN:				
LARGE . . . . .	2,312,785	169,434	2,990,091	193,261
MARKET . . . . .	1,363,012	60,167	1,880,091	71,440
SCROD . . . . .	241,222	6,750	280,730	6,658
<b>Haddock:</b>				
ROUND:				
LARGE . . . . .	193,504	11,376	70,112	4,045
SCROD . . . . .	52,929	1,635	2,942	100
DRAWN:				
LARGE . . . . .	3,324,942	308,402	5,490,772	466,919
SCROD . . . . .	1,079,719	54,965	973,199	46,251
<b>HAKE:</b>				
RED, ROUND . . . . .	161,198	11,223	262,720	12,740
WHITE:				
ROUND . . . . .	807,439	19,623	1,444,064	27,859
DRAWN . . . . .	2,341,031	135,666	3,487,725	167,435
<b>POLLOCK:</b>				
ROUND . . . . .	772,788	11,048	488,580	5,131
DRAWN . . . . .	4,600,898	195,631	5,717,881	151,960
<b>CUSK:</b>				
ROUND . . . . .	50,696	1,292	47,753	651
DRAWN . . . . .	1,177,801	69,512	1,353,080	60,430
HALIBUT, DRAWN . . . . .	99,151	26,784	74,904	19,877
MACKEREL, ROUND . . . . .	1,530,771	87,739	4,107,501	247,407
<b>FLOUNDERS:</b>				
GRAY SOLE . . . . .	1,634,747	105,900	1,207,869	62,872
LEMON SOLE . . . . .	34,691	2,477	1,460	140
YELLOWTAIL . . . . .	82,447	9,706	145,293	10,839
BLACKBACK . . . . .	2,260,862	162,454	1,591,350	74,204
DAB . . . . .	2,019,459	100,900	1,613,689	60,385
OCEAN PERCH, ROUND . . . . .	73,941,835	3,428,816	79,281,327	3,102,352
<b>WHITING:</b>				
ROUND . . . . .	19,062,499	272,532	15,421,372	186,443
DRESSED . . . . .	309,524	11,623	117,121	3,677
<b>WOLFFISH (CATFISH):</b>				
ROUND . . . . .	8,592	178	2,370	46
DRAWN . . . . .	187,031	6,075	211,721	6,219
SHARK, DRESSED . . . . .	33,065	1,718	45,012	1,559
SHAD, ROUND . . . . .	76,164	3,171	2,427	76
TUNA, ROUND . . . . .	113,417	14,377	218,681	18,414
ALEWIVES, ROUND . . . . .	3,479,180	26,067	3,165,550	28,294
HERRING, ROUND . . . . .	59,738,075	913,689	185,481,490	1,269,467
SMELT, ROUND . . . . .	101,397	26,879	151,139	42,050
EELS, ROUND . . . . .	52,895	10,830	37,989	5,489
STURGEON, DRESSED . . . . .	528	60	393	32
MENHADEN, ROUND . . . . .	1,514,334	8,610	490,000	2,511
SALMON, ROUND . . . . .	1,618	810	705	337
SUCKERS, ROUND . . . . .	12,500	813	-	-
BUTTERFISH, ROUND . . . . .	4,037	353	42,250	3,713
SWORDFISH, DRESSED . . . . .	-	-	205	84
GRAYFISH (DOG FISH) ROUND . . . . .	-	-	89,086	511
MISCELLANEOUS . . . . .	4,355,430	26,423	4,111,779	30,015
TOTAL . . . . .	189,844,078	6,346,980	322,688,828	6,404,684
<b>SHELLFISH, ETC.</b>				
CRABS . . . . .	749,695	27,731	1,434,410	37,654
CLAMS:				
SOFT . . . . .	5,120,569	1,186,937	6,876,857	1,184,370
HARD (QUAHOGS) . . . . .	569,035	185,866	503,340	93,854
LOBSTERS . . . . .	20,759,471	7,214,107	18,352,570	5,412,311
SHRIMP . . . . .	44,843	61,954	7,359	1,417
SCALLOPS, SEA . . . . .	676,803	310,530	524,824	215,725
MUSSELS, SEA . . . . .	447,120	13,472	325,155	11,370
PERIWINKLES . . . . .	3,189	10,057	3,177	1,035
SQUID . . . . .	5,065	125	21,240	452
SEA URCHINS (SEA EGGS) . . . . .	55,140	1,330	34,020	1,388
BLOODWORMS . . . . .	215,864	157,966	311,404	242,081
SANDWORMS . . . . .	146,631	88,412	56,873	37,158
SEA MOSS . . . . .	1,320,684	19,248	1,100,000	14,450
LIVERS . . . . .	890,480	41,924	722,666	28,421
SPAWN . . . . .	15,252	1,128	6,857	687
VISCERA . . . . .	58,830	280	310,306	1,685
TOTAL . . . . .	31,078,671	9,259,067	30,591,058	8,284,058
GRAND TOTAL . . . . .	220,922,749	15,606,047	353,279,886	14,688,742

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

Because of their importance in the production of fishery products, detailed daily statistics have been collected and published monthly for the landings at Boston, Gloucester, New Bedford, Provincetown, Massachusetts, and other Cape Cod ports. Landings of 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 tables, or the section entitled "Review of Certain Major Fisheries."

During 1951, landings of fishery products at Boston, Gloucester, New Bedford, and on Cape Cod amounted to 547,609,000 pounds, valued at \$41,763,800 to the fishermen. This represented an increase of 5 percent in quantity and 14 percent in value compared with the landings of the previous year. Ocean perch, with landings of 184,366,000 pounds, was the principal species landed at Massachusetts ports during the year. The 1951 catch of this species was 55,855,000 pounds larger than in the previous year. The low 1950 receipts were mainly caused by a wage disagreement between seafood workers and plant operators in the summer of 1950. Of the total 1951 landings, ocean perch accounted for 34 percent; haddock, 24 percent; flounders, 9 percent; and cod, 6 percent. In 1950, haddock and ocean perch each accounted for 25 percent; flounders, 10 percent; and cod, 7 percent.

Receipts at Gloucester accounted for 47 percent of the total poundage landed during the year; Boston was second with 31 percent of the total while New Bedford ranked third with 15 percent and Cape Cod fourth with 7 percent. In value, Boston was first, accounting for 34 percent; followed by Gloucester with 30 percent; New Bedford with 29 percent; and Cape Cod with 7 percent.

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 1951, numbered 1,155 craft of all sizes. Of these, 433 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 landings listed in the following tables do 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 and southern trawl fisheries.

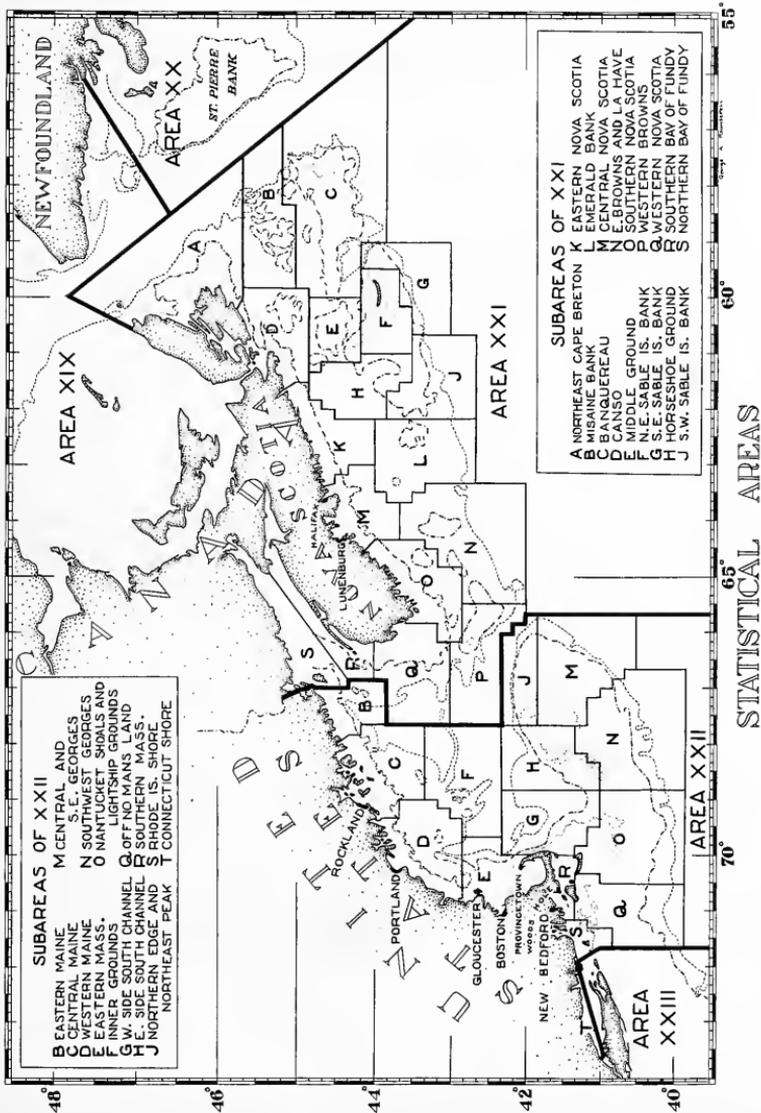
Of the total landings, 36 percent was taken by medium otter trawlers (51 to 150 gross tons); 34 percent by large otter trawlers (over 150 gross tons); 21 percent by small otter trawlers (50 gross tons or under); 2.6 percent by scallop dredgers; 2.4 percent by purse seiners, and the remaining 4 percent by other types of gear.

The following tables contain a 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. 753, while data on the landings by gear and area appeared in Current Fishery Statistics No. 788. Detailed monthly information on the landings by port and by gear and area of capture also were published in the Current Fishery Statistics series.

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3 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 certain Massachusetts ports.



## NEW ENGLAND FISHERIES

## LANDINGS AT CERTAIN MASSACHUSETTS PORTS

## SUMMARY, 1951

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	7,457,451	\$736,283	9.87¢	3,322,733	\$234,314	7.05¢	525,345	\$42,077	8.01¢
MARKET	9,565,130	764,566	8.20	1,414,544	85,113	6.02	3,041,734	273,988	9.01
SCROD	3,830,385	225,950	5.90	232,885	10,713	4.60	1,448,265	117,534	8.12
CUK, DRAWN	1,332,350	76,409	5.73	840,862	32,316	3.84	2,660	117,97	3.95
FLOWNERS, ROUND:									
GRAY SOLE	1,330,540	160,385	12.05	2,284,002	221,074	9.68	435,169	46,552	10.70
LEMON SOLE	1,119,440	194,350	17.36	2,109,319	34,283	13.52	1,750,795	34,522	20.22
YELLOWTAIL	984,002	170,075	14.00	327,608	9,676	11.15	1,696,537	19,445	13.45
BLACKBACK	1,984,002	407,997	8.03	5,608,099	119,707	6.52	1,374,370	1,389,034	11.07
FLUKE	5,561,835	112	12.00	1,835,099	258	8.36	2,936,816	685,458	23.32
HADDOCK, DRAWN:									
LARGE	46,470,830	4,920,135	10.59	3,985,882	352,399	8.84	4,732,430	480,640	10.16
SCROD	60,446,417	4,586,378	7.59	1,856,200	110,956	5.98	9,048,575	715,237	7.90
HAKE:									
RED, ROUND	1,215	41	3.37	1,617,818	35,409	2.19	1,971,185	19,752	1.00
WHITE, DRESSED:									
LARGE	2,639,845	228,323	8.04	1,947,334	101,065	5.19	87,370	3,924	4.49
SMALL	151,645	35,316	23.28	587,977	10,761	18.63	1,520	33	2.17
HALLIBUT, DRAWN	2,639,845	251,270	9.56	3,764,473	11,261	23.23	16,766	3,306	19.72
MACKEREL, ROUND	8,725,993	518,179	5.94	5,591,566	243,577	4.36	30,245	2,652	8.77
OCEAN PERCH:									
ROUND	6,598,464	335,302	5.08	177,694,468	8,829,015	4.97	46,910	2,025	4.32
SCUP OR PORGY, ROUND	17,100	9,955	32.95	20,970	12,042	57.42	203,750	16,113	7.91
SHORDFISH, DRESSED	9,995,121	480,405	4.81	21,752,703	935,802	4.30	9,540	5,147	53.95
WHITING, ROUND	28,635	77,745	6.05	15,164,579	384,084	2.53	9,240	369	3.99
WOLFFISH, DRAWN	925,356	171,994	18.43	266,181	15,615	5.86	6,615	3,916	4.92
OTHER (MACKEREL)	242,847	21,532	8.79	6,898,816	464,943	6.74	12,600,233	5,642,728	44.78
OTHER (FOR FOOD)	14,000	76	0.54	7,844,413	111,938	1.43	1,398,569	111,287	7.96
OTHER							16,698,745	143,379	0.86
TOTAL, AS LANDED	171,022,954	14,310,547	8.37	259,669,856	12,694,422	4.89	79,317,757	11,921,366	15.03
TOTAL IN 1950, AS LANDED	172,033,356	13,556,525	7.88	195,931,338	9,060,805	4.62	116,911,424	11,342,854	9.70

( CONTINUED ON NEXT PAGE )

SEE FOOTNOTES AT END OF TABLE.

LANDINGS AT CERTAIN MASSACHUSETTS PORTS

SUMMARY, 1951 - Continued

SPECIES	CAPE COD PORTS			TOTAL			1950		
	POUNDS	VALUE	AV. PRICE PER POUND	POUNDS	VALUE	AV. PRICE PER POUND	POUNDS	VALUE	AV. PRICE PER POUND
COD, DRAWN:									
MARLET	1,410,077	\$138,619	9.83¢	12,715,506	\$1,151,292	9.05¢	13,356,772	\$1,117,384	8.37¢
SCROD	1,271,189	1,667,553	7.80	5,202,966	1,230,528	6.11	181,388,270	2,269,264	6.90
CISK, DRAWN	142,428	7,801	5.48	5,653,963	361,998	6.40	6,758,287	367,375	5.44
FLOUNDERS, ROUND:	71,017	1,647	2.32	2,246,889	110,466	4.92	1,982,354	84,300	4.25
GRAY SOLE	242,592	22,721	9.36	4,292,303	450,732	10.50	5,767,774	461,227	8.00
LEMON SOLE	119,115	19,041	15.98	2,971,444	563,631	18.97	3,733,262	568,132	15.22
YELLOWTAIL	2,262,435	281,862	12.46	16,187,167	2,097,113	12.96	20,756,900	2,196,512	10.58
BLACKBACK	1,950,839	159,259	12.41	10,695,996	1,724,944	16.12	13,864,700	1,839,027	11.98
DAB	619,074	64,127	10.36	8,910,378	756,074	8.48	5,081,952	543,067	6.87
FLUKE	1,560,386	263,430	16.88	4,502,367	949,158	21.08	3,591,442	634,496	17.67
Haddock, DRAWN:	2,477,690	248,606	10.03	57,666,762	6,001,778	10.41	62,308,946	6,457,515	10.36
SCROD	400,552	24,450	6.10	71,751,744	5,437,021	7.58	69,122,254	4,737,205	6.85
HAKE	332,178	6,547	1.97	3,322,396	61,749	1.57	1,868,606	27,730	1.48
RED, ROUND	204,289	13,244	6.48	5,078,838	346,556	6.82	4,876,068	270,482	5.55
SMALL	34,492	1,649	4.78	872,834	40,497	4.64	871,228	35,686	4.10
HALIBUT, DRAWN	59,445	21,133	35.55	276,349	71,011	25.70	389,963	90,388	23.18
MACKEREL, ROUND	1,026,499	116,526	11.35	7,470,875	665,214	8.90	9,357,651	778,603	8.32
POLLOCK, DRAWN	321,448	21,616	6.72	14,754,574	788,532	5.34	16,313,714	657,966	4.03
OCEAN PERCH	26,455	1,059	4.00	184,366,297	9,187,401	4.97	128,511,470	6,034,964	4.70
SUP OR PORGY, ROUND	825,404	45,624	5.55	1,028,309	61,953	6.02	572,132	25,754	4.50
SWORDFISH, DRESSED	61,369	33,408	54.44	1,008,379	59,652	54.74	603,911	266,800	44.18
WHITING, DRESSED	9,217,336	339,158	3.68	40,974,400	1,795,734	4.28	18,727,515	706,817	3.77
WHITING, ROUND	3,161,289	70,860	2.24	18,360,318	456,863	2.49	14,844,140	338,489	2.28
WOLFFISH, DRAWN	1,162,198	7,518	6.44	11,442,115	102,810	7.13	1,764,052	129,183	7.32
SCALLOPS (MEATS)	940,515	408,469	43.43	13,565,878	6,061,914	44.68	13,186,177	6,151,340	46.65
OTHER, FOR FOOD	6,438,025	342,901	5.33	14,980,277	940,663	6.28	9,877,815	469,044	4.75
OTHER, FOR FOOD	2,343,937	32,784	1.40	26,901,095	288,177	1.07	76,265,630	641,064	0.84
TOTAL, AS LANDED	37,598,567	2,837,427	7.55	547,609,134	41,763,762	7.63	522,742,985	36,520,708	6.99
TOTAL IN 1950, AS LANDED	37,866,867	2,560,524	6.76	-	-	-	522,742,985	36,520,708	6.99

✓ INCLUDES FISH USED FOR REDUCTION AND ANIMAL FOOD.  
 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 WEIGHTS ARE CLASSIFIED AS THOSE WEIGHING OVER 10 POUNDS; MARKET COD, 2-1/2 TO 10 POUNDS; AND COD SCROD, 1 TO 2-1/2 POUNDS. LARGE HADDOCK ARE THOSE WEIGHING OVER 20 POUNDS; SMALL HADDOCK, 10 TO 20 POUNDS. LARGE HAKE ARE THOSE WEIGHING OVER 6 POUNDS; SMALL HAKE, UNDER 6 POUNDS. THE FOLLOWING TERMS INDICATE THE CONDITION OF THE FISH LANDED, WHICH ARE: DRAWN, WHICH IS DRAWN AND PACKED IN ICE; DRESSED, WHICH IS DRESSED AND PACKED IN ICE; AND CURED, WHICH IS CURED AND PACKED IN ICE. IN ADDITION TO THE LANDINGS IN THE ABOVE TABLE, 1,596,695 POUNDS OF FISH LIVERS, VALUED AT \$66,984 TO THE FISHERMEN, AND 131,460 POUNDS OF SPRAWN, VALUED AT \$11,468 WERE LANDED AT THESE PORTS.

# LANDINGS AT CERTAIN MASSACHUSETTS PORTS

## LANDINGS AT BOSTON, 1951

SPECIES	JANUARY		FEBRUARY		MARCH		APRIL		MAY	
	POUNDS	AV. PRICE PER POUND								
COD DRAWN:										
LARGE:	519,985	9.64¢	1,354,295	9.27¢	1,818,470	8.22¢	882,509	8.77¢	593,423	8.78¢
MARKET	598,990	8.26	483,435	10.03	981,755	8.12	902,515	6.96	983,163	7.30
SCROD	161,140	5.53	148,585	6.64	195,510	5.72	328,320	5.17	509,080	5.62
CUSK, DRAWN	102,700	6.42	36,045	7.13	26,960	7.05	112,070	5.37	105,565	5.25
FLOUNDERS, ROUND:										
GRAY SOLE	82,000	12.34	35,565	14.96	32,925	16.40	256,435	8.72	147,855	8.69
LEMON SOLE	48,445	21.30	59,360	21.59	37,295	21.99	81,320	19.62	157,275	19.95
YELLOWTAIL	157,390	12.46	102,890	18.39	71,265	19.24	33,503	11.66	156,265	16.71
DUB	1,976,665	6.19	75,360	10.53	138,110	10.73	339,650	7.60	398,960	7.15
HADDOCK, DRAWN:										
LARGE	2,507,970	12.45	5,416,370	9.89	6,272,825	10.62	9,058,745	8.13	4,064,840	10.04
SCROD	2,418,902	9.16	3,836,805	7.88	2,732,420	9.25	4,715,455	7.14	7,570,350	6.78
HAKE, WHITE, DRESSED, LARGE	108,015	11.56	49,545	13.18	28,550	13.32	100,385	8.42	115,055	7.79
HALLBUT, DRAWN	4,779	23.46	18,040	26.25	25,797	26.06	38,151	21.57	24,650	19.43
MACKEREL, ROUND	225	10.22	400	12.00	50	5.0	5,115	11.64	46,632	18.28
POLLOCK, DRAWN	2,136,675	4.28	555,835	6.57	389,970	8.73	692,445	6.87	46,720	9.23
OCEAN PERCH, ROUND	394,670	15.97	564,290	0.50	352,426	6.56	114,550	11.68	212,720	6.22
WHITING, DRESSED	4,300	11.13	14,160	11.96	6,390	10.71	15,980	6.96	1,496,102	6.12
WHITING, ROUND	4,635	11.13	14,160	11.96	6,390	10.71	15,980	6.96	1,496,102	6.12
WOLFFISH, DRAWN	18,563	7.96	55,855	8.90	135,460	10.90	275,100	7.42	227,730	7.74
SCALLOPS (MEATS)	8,575	6.47	535	6.17	290	5.52	5,240	6.55	10,189	40.25
OTHER FOR FOOD	9,100	0.50	-	-	-	-	-	-	9,345	3.76
OTHER Z	-	-	-	-	-	-	-	-	3,000	0.70
TOTAL, AS LANDED	11,337,584	8.42	12,872,717	9.11	13,504,770	9.71	18,502,340	7.67	17,813,116	7.60
TOTAL IN 1950, AS LANDED	9,423,747	9.91	11,978,751	9.82	15,221,493	9.77	13,602,841	8.24	16,535,009	7.06

( CONTINUED ON NEXT PAGE )

SEE FOOTNOTES AT END OF TABLE

LANDINGS AT CERTAIN MASSACHUSETTS PORTS

LANDINGS AT BOSTON, 1951 - Continued

SPECIES	JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER	
	POUNDS	AV. PRICE PER POUND								
COD, DRAWN:										
LARGE . . . . .	372,928	10.49¢	367,865	11.43¢	296,190	12.33¢	347,665	13.29¢	356,600	13.84¢
SMALL . . . . .	879,425	7.64	1,892,195	6.47	619,270	7.82	860,780	9.14	850,760	9.65
MARKET . . . . .	367,960	5.32	32,705	4.76	411,855	5.46	302,575	5.64	327,670	6.66
SCROD . . . . .	118,410	4.32	134,705	4.22	200,090	4.83	136,165	5.67	163,275	6.22
CUSK, DRAWN . . . . .										
FLOUNDERS, ROUND:										
GRAY SOLE . . . . .	144,025	9.99	101,840	11.80	66,865	14.95	159,200	12.94	98,150	16.02
LEMON SOLE . . . . .	171,125	13.22	97,915	18.68	93,215	19.64	147,990	16.40	174,205	18.06
YELLOW TAIL . . . . .	252,205	6.54	159,640	6.31	43,490	6.00	10,140	9.11	3,715	10.80
BLACKBACK . . . . .	129,965	10.41	86,505	12.45	87,385	13.12	85,745	11.31	176,880	14.68
DAB . . . . .	216,395	7.50	147,625	7.21	125,525	10.89	177,115	9.88	183,475	11.73
FLUKE . . . . .	100	12.00								
HADDOCK, DRAWN:										
LARGE . . . . .	2,987,085	11.06	2,618,480	11.12	3,779,860	10.04	3,136,905	10.50	2,754,710	12.81
SCROD . . . . .	6,494,805	6.58	7,223,500	6.27	6,958,290	6.56	7,676,410	7.15	4,553,620	9.48
HAKE:										
RED, ROUND:										
WHITE, DRESSED:										
LARGE . . . . .	262,875	6.86	266,065	6.34	322,085	7.42	416,750	6.32	540,385	8.34
SMALL . . . . .										
HULLBUT, DRAWN . . . . .	143,000	17.93	9,894	19.48	7,172	26.35	5,469	39.47	2,891	51.33
MACKEREL, ROUND . . . . .	463,205	8.74	420,100	8.87	603,215	9.99	683,930	8.58	233,385	11.69
POLLOCK, DRAWN . . . . .	631,000	3.28	545,120	5.38	283,453	3.99	283,193	7.08	436,203	7.16
OCEAN PERCH, ROUND . . . . .	337,313	3.99	430,210	3.80	507,445	3.88	732,103	4.74	830,500	5.67
SCUP OR PORGY, ROUND . . . . .			8,850	4.00	8,240	40.00				
SWORFISH, DRESSED . . . . .	2,326,415	4.60	2,693,378	3.94	1,291,145	3.30	731,336	3.51	771,925	6.73
WHITING, DRESSED . . . . .	92,950	2.83	60,314	9.03	27,105	2.86	6,430	8.87	1,970	4.57
WHITING, ROUND . . . . .										
WOLFFISH, DRAWN . . . . .										
SCULLION (DRAWN) . . . . .	5,562	9.35	47,625	6.89	10,595	7.76	84,805	9.62	43,995	9.31
OTHER, FOR FOOD . . . . .	2,000	0.50								
TOTAL, AS LANDED . . . . .	16,291,548	7.36	17,239,131	6.90	18,182,562	7.48	15,926,763	7.99	12,459,933	9.97
TOTAL IN 1950, AS LANDED . . . . .	15,149,914	6.15	16,179,332	7.14	19,549,296	7.17	15,407,800	7.68	15,515,144	7.49

( CONTINUED ON NEXT PAGE )

SEE FOOTNOTES AT END OF TABLE.

# LANDINGS AT CERTAIN MASSACHUSETTS PORTS

## LANDINGS AT BOSTON, 1951 - Continued

SPECIES	NOVEMBER		DECEMBER		TOTAL, 1951		TOTAL, 1950	
	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND
COO, DRAWN:								
LARGE . . . . .	250,522	13.38¢	276,899	11.65¢	7,457,451	9.87¢	7,594,909	9.11¢
MARKET . . . . .	499,055	9.84	473,635	10.60	9,565,130	8.20	12,156,595	7.11
SCROD . . . . .	282,495	7.72	219,795	8.03	3,630,385	5.90	4,668,682	5.00
CUSK, DRAWN . . . . .	106,115	7.41	96,250	7.04	1,532,350	5.73	1,265,121	4.91
FLOUNDER, ROUND:								
LEMON SOLE . . . . .	127,560	14.00	79,120	18.05	1,330,540	12.05	1,200,712	11.02
LEMON . . . . .	59,695	20.30	42,640	23.89	1,119,440	17.36	1,376,015	13.88
YELLOWTAIL . . . . .	41,710	7.99	41,355	12.23	984,902	8.50	2,555,645	6.74
BLACKBACK . . . . .	72,850	14.70	103,375	17.31	1,221,010	14.00	2,118,395	10.96
DAB . . . . .	1,007,230	8.27	295,785	15.42	5,081,835	8.03	2,777,613	7.06
FLUKE . . . . .					100	12.00		
HADDOCK, DRAWN:								
LARGE . . . . .	2,238,995	13.74	1,634,165	16.40	46,470,830	10.59	47,840,066	10.69
SCROD . . . . .	2,299,600	11.17	1,966,260	12.45	60,446,417	7.59	59,559,232	6.82
HAKE:								
RED, ROUND . . . . .	130	3.85	130	3.85	1,215	3.37		
WHITE, DRESSED:								
LARGE . . . . .	402,835	8.84	227,300	9.81	2,839,845	8.04	2,929,805	6.37
SMALL . . . . .					315	5.08	66,164	6.82
HALIBUT, DRAWN . . . . .	2,023	28.13	1,339	32.04	151,665	23.28	217,662	21.35
MACKEREL, ROUND . . . . .	3,562	16.23	1,250	14.96	2,629,569	9.56	1,031,070	10.19
POLLOCK, DRAWN . . . . .	813,545	6.74	1,836,575	6.23	8,725,993	5.94	9,885,717	4.57
OCEAN PERCH, ROUND . . . . .	446,035	5.80	352,145	5.30	6,598,464	5.08	7,739,487	4.21
SCUP OR PORGY, ROUND . . . . .					17,100	4.00		
SWORDFISH, DRESSED . . . . .	458,080	7.13	67,075	6.94	9,905,120	52.95	269,812	45.81
WHITING, DRESSED . . . . .	10,100	3.48	7,635	6.76	9,905,120	4.00	4,894,885	4.09
WOLF FISH, DRAWN . . . . .	10,210	8.89	7,420	8.79	925,186	6.05	457,805	3.63
SCALLOPS (MEATS) . . . . .					10,259	40.03	1,224,080	8.28
OTHER, FOR FOOD . . . . .	12,430	12.80	15,850	11.14	1,244,847	8.79	66,485	46.95
OTHER 2 . . . . .					14,000	0.54	247,699	5.94
TOTAL, AS LANDED . . . . .	9,139,627	10.47	7,782,863	11.32	171,022,954	8.37	172,033,356	7.88
TOTAL IN 1950, AS LANDED . . . . .	12,766,060	7.36	10,703,969	7.59			172,033,356	7.88

1/ THE ITEMS UNDER "OTHER FOR FOOD" INCLUDE ANGLERFISH, 1,070 POUNDS, VALUE \$41; BUTTERFISH, 129,447 POUNDS, VALUE \$10,659; CARP, 615 POUNDS, VALUE \$49; GRAYFISH, 30 POUNDS, VALUE \$1; HERRING, SEA, 6,500 POUNDS, VALUE \$130; RAJAFISH, 22,870 POUNDS, VALUE \$939; SHARKS, 14,935 POUNDS, VALUE \$2,245; STURGEON, 1,095 POUNDS, VALUE \$129; TUNA, BLUEFIN, 49,475 POUNDS, VALUE \$6,199; WHITEBATT, 625 POUNDS, VALUE \$44; MIXED, 15,910 POUNDS, VALUE \$952; SHRIMP, 280 POUNDS, VALUE \$22; SQUID, 1,695 POUNDS, VALUE \$108; AND PERIWINKLES, 300 POUNDS, VALUE \$15.

2/ INCLUDES FISH FOR REDUCTION OF ANNUAL FOOD. DATA NOT AVAILABLE BY SPECIES.

NOTE:--LANDINGS NOT INCLUDED IN THE ABOVE TABLE CONSISTED OF ELMERS, 265,179 POUNDS, VALUE \$14,998, AND SPANX 8,990 POUNDS, VALUE \$1,677.

# LANDINGS AT CERTAIN MASSACHUSETTS PORTS

## NEW ENGLAND FISHERIES

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### LANDINGS AT GLOUCESTER, 1951

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	175,220	7.67¢	247,080	6.38¢	199,785	6.21¢	306,075	6.75¢	823,244	6.22¢
MARKET	141,375	6.97	87,618	6.86	62,357	5.73	97,990	5.43	161,990	5.04
SCROD	24,455	4.22	17,550	4.70	9,655	5.27	16,550	4.00	11,955	4.02
CUSH, DRAWN	26,150	3.89	46,665	4.39	49,655	4.50	150,825	3.64	103,280	3.71
FLOUNDERS, ROUND:										
GRAY SOLE	340,890	10.42	384,130	11.63	171,900	13.30	353,585	7.62	354,171	7.25
LEMON SOLE										
YELLOWTAIL	83,805	12.30	26,460	15.36	39,230	14.50	71,320	10.00	20,200	6.62
BLACKBACK	23,235	12.22	7,585	18.47	15,590	15.50	15,815	9.47	5,175	8.73
DAB	100,590	7.30	117,105	6.67	109,170	9.16	311,895	6.61	284,364	5.73
Haddock, DRAWN:										
LARGE	195,687	9.76	459,605	8.46	257,800	9.29	316,751	7.64	352,196	7.68
SCROD	88,825	7.16	235,065	6.21	169,795	6.08	124,300	5.35	291,935	4.48
HAKE:										
RED, DRESSED:	76,815	1.97	218,270	2.87	191,675	3.82	181,370	2.26	265,154	1.89
WHITE, DRESSED:										
LARGE	35,265	6.95	109,317	7.28	71,865	6.78	127,957	5.98	121,350	3.93
SMALL	62,940	6.75	73,535	7.51	69,558	6.23	70,635	4.48	59,319	3.66
HALIBUT, DRAWN	5,698	26.18	1,146	29.67	3,428	26.02	10,820	21.60	4,159	21.41
PACKEREL, DRAWN	174,075	3.58	261,080	3.87	141,920	3.69	269,655	3.29	142,845	16.26
OCEAN PERCH, ROUND	6,928,251	6.45	10,616,842	6.42	14,836,240	6.22	20,603,548	4.96	18,485,189	4.40
WHITING, DRESSED	28,451	6.38	56,535	9.41	61,390	13.67	200,838	8.81	2,651,319	5.58
WHITING, ROUND	46,835	5.50	45,285	5.21	45,765	5.17	534,300	6.01	1,938,524	3.38
WOLFFISH, DRAWN	7,610	5.50	44,715	8.81	618,460	8.84	994,515	7.11	26,991	4.85
OTHER, FOR FOOD	19,260	0.63	4,790	0.75			7,100	0.75	3,150	5.04
TOTAL, AS LANDED	8,935,882	6.73	13,692,873	6.67	17,122,720	6.45	24,806,104	5.20	27,110,488	4.63
TOTAL IN 1950, AS LANDED	8,655,145	5.25	10,036,398	5.24	11,817,090	5.99	14,123,854	5.37	9,942,850	3.57

( CONTINUED ON NEXT PAGE )

SEE FOOTNOTES AT END OF TABLE.

## NEW ENGLAND FISHERIES

## LANDINGS AT CERTAIN MASSACHUSETTS PORTS

## LANDINGS AT GLOUCESTER, 1951 - Continued

SPECIES	JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER	
	POUNDS	AV. PRICE PER POUND								
COD, DRAWN:										
LARGE . . . . .	369,340	6.30¢	303,665	6.48¢	192,055	6.62¢	194,945	7.35¢	205,497	11.42¢
MARKET . . . . .	132,465	5.26	117,659	4.89	123,655	5.11	110,565	5.89	167,430	6.85
SCROD . . . . .	18,935	3.39	17,785	3.99	17,360	4.16	17,335	3.64	32,035	4.84
CUSK, DRAWN . . . . .	73,140	3.38	64,650	3.48	94,420	3.62	76,920	3.60	63,517	3.98
FLOUNDERS, ROUND:										
GRAY SOLÉ . . . . .	203,287	7.95	106,000	8.62	62,610	8.25	79,220	8.67	61,285	11.08
YELLOW TAIL . . . . .	26,905	7.42	14,775	8.88	5,615	9.63	3,435	10.95	1,165	16.91
BLACKBACK . . . . .	4,295	8.80	3,505	9.04	2,748	9.42	1,465	8.53	7,585	11.13
DAB . . . . .	198,485	5.63	344,795	5.15	84,035	5.76	107,250	6.34	5,450	11.47
FLUKE . . . . .			365	6.03	460	5.67			70,190	7.28
Haddock, DRAWN:										
LARGE . . . . .	434,615	8.08	339,540	8.78	406,240	8.40	582,795	8.65	382,177	10.05
SCROD . . . . .	135,635	5.07	87,850	4.89	134,455	5.19	159,060	5.34	199,655	7.10
HAKE:										
RED, ROUND . . . . .	8,400	1.88	92,475	1.46	1,090	2.75	14,615	1.57	210,408	1.62
WHITE, DRESSED:										
LARGE . . . . .	114,975	3.67	161,040	3.84	235,960	5.21	289,300	4.77	365,260	5.98
SMALL . . . . .	76,860	3.42	68,905	3.18	45,180	3.32	42,200	3.26	61,472	3.76
HALLIBUT, DRAWN . . . . .	5,911	19.66	4,877	21.06	8,508	23.59	1,789	26.22	1,307	25.71
MACKEREL, ROUND . . . . .	691,283	6.73	1,207,777	6.65	720,915	7.49	689,620	6.78	377,447	12.65
POLLOCK, DRAWN . . . . .	379,660	3.62	381,810	3.71	393,665	4.29	419,920	4.33	557,518	4.70
OCEAN PÉRCH, ROUND . . . . .	18,819,054	4.24	16,800,573	4.17	18,794,515	4.28	15,224,469	4.49	16,216,089	5.12
SCUP OR PORGY, ROUND . . . . .			5		17,680	56.00	3,320	65.00		
SMORFISH, DRESSED . . . . .	4,692,006	4.82	5,156,768	3.85	5,437,223	3.18	1,278,290	3.50	1,266,476	5.62
WHITINGS, DRESSED . . . . .	3,733,065	2.39	2,480,185	1.96	2,591,328	1.47	1,602,770	1.62	1,073,687	3.00
WHINGS, DRAWN . . . . .	33,065	4.98	19,283	4.85	10,997	4.43	7,145	4.79	10,200	4.74
SCALLOPS (HEATS) . . . . .	1,396	41.98	81,985	42.50	8,985	42.50			4,500	49.00
OTHER, FOR FOOD . . . . .	292,937	5.47	571,689	6.36	421,016	5.86	651,485	5.63	395,815	6.93
OTHER 2/ . . . . .	1,300	1.00	3,970,660	1.49	2,355,338	1.40	1,254,645	1.42	100,220	1.00
TOTAL, AS LANDED . . . . .	30,449,462	4.25	32,315,636	3.84	32,153,043	3.88	22,752,518	4.35	21,776,565	5.35
TOTAL IN 1950, AS LANDED . . . . .	16,628,959	2.90	23,959,215	3.22	25,466,751	4.35	21,559,674	5.05	23,774,891	5.23

( CONTINUED ON NEXT PAGE )

SEE FOOTNOTES AT END OF TABLE.

LANDINGS AT CERTAIN MASSACHUSETTS PORTS

LANDINGS AT GLOUCESTER, 1951 - Continued

SPECIES	NOVEMBER		DECEMBER		TOTAL, 1951		TOTAL, 1950	
	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND
COD, DRAWN:								
LARGE . . . . .	151,890	9.76 <sup>4</sup>	153,637	8.11 <sup>4</sup>	3,322,733	7.05 <sup>4</sup>	3,756,928	6.67 <sup>4</sup>
MARKET . . . . .	1,615	7.31	100,860	7.02	1,414,544	6.02	2,092,991	5.33
SCROD . . . . .	26,565	5.82	23,335	5.58	1,232,885	4.60	1,471,777	4.01
CUSK, DRAWN . . . . .	55,785	4.52	35,855	4.82	840,862	3.84	672,595	3.13
FLOUNDERS, ROUND:								
GRUNDY . . . . .	81,645	11.40	85,279	11.94	2,284,002	9.68	4,396,679	7.10
SOLE . . . . .	25	8.00	2,093	13.32	2,093	13.32	81,375	9.55
YELLOWTAIL . . . . .	9,545	10.59	7,390	12.22	322,515	10.55	9,669	9.69
BLACKBACK . . . . .	8,035	10.12	11,571	11.51	1,855,099	6.52	214,040	8.97
DAB . . . . .	70,905	8.17	65,755	8.49	3,085	8.36	1,943,220	6.22
FLUKE . . . . .	600	6.33	695	6.48	3,085	8.36	632	9.65
HAODOCK, DRAWN:								
LARGE . . . . .	166,986	11.32	121,530	12.38	3,985,882	8.84	6,889,598	8.75
SCROD . . . . .	106,220	8.41	104,205	8.63	1,856,200	5.98	3,093,924	6.12
HAKE:								
RED, ROUND . . . . .	236,316	1.73	119,230	1.61	1,617,818	2.19	1,604,798	1.52
WHILE, DRESSED:								
LARGE . . . . .	218,015	5.64	97,010	5.47	1,947,334	5.19	1,775,442	4.28
SMALL . . . . .	82,520	4.70	80,390	5.12	656,507	4.48	791,581	3.68
HALLIBUT, DRAWN . . . . .	770	33.66	123	36.21	3,761,562	23.23	100,337	21.87
MACKEREL, ROUND . . . . .	813,105	19.26	386,315	4.97	5,591,566	4.36	5,669,180	7.73
POLLOCK, DRAWN . . . . .	12,860,458	5.57	7,289,240	5.42	177,664,466	4.97	1,202,291,028	3.16
OCEAN PERCH, ROUND . . . . .								
SCUP OR FORGY, ROUND . . . . .								
SWORFISH, DRESSED . . . . .								
WHITING, DRESSED . . . . .	865,932	5.97	142,200	5.99	21,752,703	4.30	39,269	36.74
WHITFLSH, DRAWN . . . . .	801,625	3.33	242,950	3.82	15,164,579	2.33	8,532,185	3.98
WHITFLSH, DRAWN . . . . .	14,240	4.92	17,630	5.01	266,051	5.03	8,449,016	5.36
SCALLOPS (MEATS) . . . . .								
OTHER, FUR FOOD . . . . .	802,145	6.00	820,949	7.19	14,861	44.72	273,894	5.74
OTHER <sup>2</sup> . . . . .	45,000	0.49	82,950	0.55	1/6,896,413	1.43	4,327,368	3.53
TOTAL, AS LANDED . . . . .	17,571,252	5.57	10,983,313	5.62	259,669,656	4.89	195,931,338	4.62

TOTAL IN 1950, AS LANDED . . . . .

<sup>1</sup>/ THE ITEMS UNDER "OTHER FOR FOOD" INCLUDE ALWCIVES, 46,035 POUNDS, VALUE \$439; BLUEFISH, 4,265 POUNDS, VALUE \$457; BUTTERFISH, 78,585 POUNDS, VALUE \$6,120; HERRING, SEA, 482,895 POUNDS, VALUE \$71,695; HERRING, FRESH, 1,485 POUNDS, VALUE \$70; SHAD, 66,466 POUNDS, VALUE \$3,871; SHARKS, 13,995 POUNDS, VALUE \$733; STRIPED BASS, 4 POUNDS, VALUE \$420; TUNA, BLUEFIN, 257,023 POUNDS, VALUE \$20,026; MIXED, 5,809,588 POUNDS, VALUE \$420,700; SHIMP, 65 POUNDS, VALUE \$1,227; AND SQUID, 125,612 POUNDS, VALUE \$3,494.

<sup>2</sup>/ INCLUDES FISH FOR REDUCTION OF ANIMAL FOOD DATA NOT AVAILABLE BY SPECIES. NOTE:--LANDINGS NOT INCLUDED IN THE ABOVE TABLE CONSISTED OF LIVERS, 819,022 POUNDS, VALUE \$49,695, AND SPRAWN, 88,544 POUNDS, VALUE \$6,310.

## NEW ENGLAND FISHERIES

## LANDINGS AT CERTAIN MASSACHUSETTS PORTS

## LANDINGS AT NEW BEDFORD, 1951

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 . . . . .	33,040	8.76¢	119,450	8.16¢	134,370	8.04¢	97,810	6.63¢	30,880	6.30¢
MARKET . . . . .	124,879	8.70	197,865	9.28	361,795	9.24	277,866	7.39	287,825	7.11
SCROD . . . . .	106,110	9.11	71,375	9.54	119,331	9.24	160,715	6.86	117,570	6.89
FLUNDERS, ROUND:	125	3.20	375	3.73	1,500	4.00	125	1.60	-	-
GRAY SOLE . . . . .	7,920	11.10	3,715	12.09	11,265	13.10	57,220	10.20	64,154	8.90
LEMON SOLE . . . . .	131,950	24.95	32,300	28.73	27,545	29.86	113,180	16.24	297,481	14.59
YELLOWTAIL . . . . .	482,185	15.66	403,150	19.28	289,120	20.45	369,500	13.29	378,840	10.68
BLACKBACK . . . . .	418,205	19.67	207,770	23.07	303,130	22.78	648,749	13.60	1,448,015	13.30
DAB . . . . .	4,825	14.80	29,845	14.52	49,495	17.61	188,555	10.47	347,200	9.41
FLUKE . . . . .	218,095	18.38	412,425	22.76	266,730	27.18	374,680	20.49	81,130	20.39
HADDOCK, DRAWN:										
SCROD . . . . .	163,015	13.03	450,625	9.99	677,880	10.72	994,930	8.05	868,530	8.45
MARKET . . . . .	345,645	8.63	347,595	8.68	476,630	9.26	1,128,590	6.83	1,425,510	6.88
HAKE:										
RED, ROUND . . . . .	-	-	-	-	-	-	748,000	1.00	929,510	1.00
WHITE, DRESSED:										
LARGE . . . . .	2,605	3.99	1,665	5.52	535	4.11	9,730	4.64	13,120	4.33
SMALL . . . . .	30	3.33	70	5.71	-	-	-	-	155	3.87
HALIBUT, DRAWN . . . . .	512	23.83	549	21.49	1,505	21.00	4,699	20.88	5,209	17.89
POLLOCK, DRAWN . . . . .	8,430	4.14	17,850	4.15	28,880	5.04	20,375	3.68	7,715	3.85
OCEAN PERCH,										
SCUP OR PORCY, ROUND . . . . .	8,135	4.35	10,665	4.95	225	2.67	5,525	5.25	-	-
WHITING, ROUND . . . . .	8,180	6.92	31,500	9.48	14,735	9.42	125	3.00	53,260	5.77
WOLFFISH, DRAWN . . . . .	695	4.46	4,085	4.38	11,175	5.72	39,180	4.22	11,560	3.65
SCALLOPS (MEATS) . . . . .	774,903	45.29	694,111	44.93	708,527	44.92	1,059,882	40.55	2,177,867	41.02
OTHER, FOR FOOD . . . . .	97,740	8.39	132,135	10.81	538,265	7.39	343,105	7.60	95,560	8.20
OTHER 2/ . . . . .	2,038,615	0.99	3,734,295	1.00	2,849,150	0.19	1,225,430	0.74	2,764,960	0.67
TOTAL, AS LANDED . . . . .	4,975,639	13.81	6,886,005	10.32	6,855,657	11.35	7,812,385	11.86	10,457,701	10.32
TOTAL IN 1950, AS LANDED . . . . .	5,450,391	10.55	6,852,543	8.78	6,970,872	9.08	11,106,243	8.03	17,786,939	6.66

( CONTINUED ON NEXT PAGE )

SEE FOOTNOTES AT END OF TABLE.

# NEW ENGLAND FISHERIES

## LANDINGS AT CERTAIN MASSACHUSETTS PORTS

### LANDINGS AT NEW BEDFORD, 1951 - 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, . . . . .	9,965	6.65¢	8,960	8.19¢	35,320	8.98¢	27,445	9.46¢	14,690	9.33¢
MEDIUM, . . . . .	244,155	7.60	188,760	8.22	366,920	8.81	283,210	9.09	434,470	9.76
SPRD, . . . . .	174,645	7.39	111,870	7.04	171,920	8.28	114,375	8.16	216,265	8.70
CISK, DRAWN, . . . . .	50	4.00						2.93	50	6.00
FLOUNERS, ROUND:										
GRAY SOLE, . . . . .	113,655	10.66	74,245	10.14	45,895	12.90	8,745	9.32	4,075	7.73
LEMON SOLE, . . . . .	295,480	16.16	130,790	23.81	154,885	22.29	99,405	20.39	172,125	21.36
YELLOWTAIL, . . . . .	192,273	18.70	2,180,645	11.39	1,600,830	12.82	2,381,605	12.29	940,360	13.96
BLACKBACK, . . . . .	1,262,495	14.17	515,800	19.99	604,455	19.59	484,765	16.79	679,440	18.21
DAB, . . . . .	185,740	9.72	128,795	11.37	126,530	12.51	6,865	10.87	5,540	11.77
FLUKE, . . . . .		26.68	270,570	28.00	412,345	23.67	399,436	20.85	102,810	20.69
Haddock, DRAWN:										
LARGE, . . . . .	336,860	9.95	294,435	10.15	211,235	11.89	157,355	11.82	196,575	12.68
SMALL, . . . . .	1,609,525	6.65	976,590	13.98	842,710	8.37	669,640	8.76	515,350	9.70
HAKE:										
RED, ROUND . . . . .	293,950	1.00	125	3.20						
WHITE, DRESSED:										
LARGE, . . . . .	16,980	3.50	9,030	4.22	6,235	4.57	6,450	4.09	1,635	3.11
SMALL, . . . . .	2,350	2.07	665	20.75	210	1.09	285	16.49	30	13.33
HALIBUT, DRAWN . . . . .	29,600	8.79	75	5.33		3.80	200	5.00	100	8.00
MACKEREL, ROUND . . . . .	6,995	3.63	5,570	3.75	5,710	3.80	2,190	3.65	2,430	3.29
POLLOCK, DRAWN . . . . .										
OCEANWICH, . . . . .					10,440	3.44	9,745	4.21	200	4.00
SCUP OR PORGY, ROUND . . . . .	21,785	5.95	38,285	8.65	10,440	12.77	6,565	7.68	3,945	6.29
SMORDFISH, DRESSED . . . . .	4,670	3.88	5,168	57.00	5,019	49.40		4.53	50,11	90.11
WHITING, DRESSED . . . . .	1,350	2.07							1,000	1.50
WHITING, ROUND . . . . .	6,465	4.32	3,740	3.56	1,250	2.88	265	2.86	1,175	2.86
WOLFFISH, DRAWN . . . . .	1,302,459	4.33	1,519,378	42.63	1,489,256	42.76	1,173,259	44.94	1,039,603	47.90
SCALLOPS (MEATS) . . . . .	13,100	8.49	14,160	6.64	25,314	8.13	26,040	0.95	58,080	6.46
OTHER, FOR FOOD . . . . .	75,100	0.63	36,450	0.63	461,640	0.73	706,630	0.75	1,891,500	0.80
OTHER 2/ . . . . .										
TOTAL, AS LANDED . . . . .	7,033,907	16.25	6,515,586	19.27	6,596,594	19.26	6,565,472	17.13	7,624,751	15.31
TOTAL, IN 1950, AS LANDED . . . . .	17,306,005	6.10	14,124,968	8.66	11,592,910	10.68	8,001,484	14.27	8,583,978	14.94

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

# LANDINGS AT CERTAIN MASSACHUSETTS PORTS

## LANDINGS AT NEW BEDFORD, 1951 - Continued

SPECIES	NOVEMBER		DECEMBER		TOTAL, 1951		TOTAL, 1950	
	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND
COD, DRAWN:								
LARGE . . . . .	9,255	10.12 <sup>1</sup>	8,960	11.66 <sup>1</sup>	525,345	8.01 <sup>1</sup>	713,604	7.61 <sup>1</sup>
MARKET . . . . .	192,605	10.82	148,420	12.72	3,041,734	9.01	2,649,715	7.47
SCROD . . . . .	69,460	10.11	18,750	9.24	1,448,265	8.12	1,746,393	6.68
CUSK, DRAWN:								
FLOUNDERS, ROUND:					2,660	3.65	5,930	4.22
GRAY SOLE . . . . .	8,810	11.45	35,450	12.95	435,169	10.70	129,440	9.61
LEMON SOLE . . . . .	175,530	23.06	100,220	25.17	1,730,796	20.22	214,027	10.27
YELLOWTAIL . . . . .	1,352,985	10.50	485,905	9.73	1,936,339	17.07	1,024,208	11.57
BLACKBACK . . . . .	21,495	13.25	199,730	20.81	1,374,370	17.07	10,223,126	12.39
FLUKE . . . . .	156,233	24.56	62,620	25.10	2,938,816	23.32	3,271,126	9.08
Haddock, DRAWN:								
LARGE . . . . .	184,305	13.30	195,985	16.12	4,732,430	10.16	5,230,690	9.93
SCROD . . . . .	370,075	10.70	346,515	13.14	9,048,575	7.90	6,282,938	7.51
HAKE:								
RED, ROUND . . . . .	-	-	-	-	1,971,185	1.00	1,260	3.57
WHITE, DRESSED:								
LARGE . . . . .	9,085	4.75	10,100	6.66	87,370	4.49	95,432	3.98
SMALL, DRAWN:								
MACKEREL . . . . .	154	29.22	-	-	1,520	2.17	255	3.14
MACKEREL, ROUND . . . . .	270	10.00	40	25.00	16,756	19.72	21,732	20.72
POLLOCK, DRAWN . . . . .	235	2.13	9,125	7.87	30,245	8.77	259,330	15.27
OCEAN PERCH, ROUND . . . . .	800	5.00	1,175	2.38	115,565	4.46	206,965	4.01
SCUP OR PORGY, ROUND . . . . .	6,185	6.87	980	8.78	46,910	4.32	474,065	3.54
SWORDFISH, DRESSED . . . . .	3,570	4.84	1,160	4.05	203,750	7.91	255,345	4.97
WHITING, DRESSED . . . . .	1,350	4.69	-	-	9,540	53.95	124,074	43.79
WHITING, ROUND . . . . .	874,223	52.10	747,075	55.95	8,240	3.99	32,385	1.76
WOLFISH, DRAWN . . . . .	17,320	10.02	37,205	7.66	96,165	3.63	31,506	5.03
OTHER, FOR FOOD . . . . .	565,920	0.81	351,085	0.86	1,398,569	44.76	1,962,185	46.65
TOTAL, AS LANDED . . . . .	4,701,850	20.76	3,292,210	24.36	79,317,757	15.03	116,911,424	9.70
TOTAL IN 1950, AS LANDED . . . . .	5,100,585	14.82	4,164,506	18.54	-	-	116,911,424	9.70

1/ THE ITEMS UNDER "OTHER FOR FOOD" INCLUDE BUTTFRISH, 226,495 POUNDS, VALUE \$20.831; EELS, CONGER, 7,715 POUNDS, VALUE \$166; OCEAN POUT, 138,990 POUNDS, VALUE \$2131; SEA BASS, 990 POUNDS, VALUE \$25; SHARKS, 65 POUNDS, VALUE \$3; STURGEON, 2,937 POUNDS, VALUE \$545; TAUTOGS, 9,055 POUNDS, VALUE \$321; BLUE WELFISH, 1,964 POUNDS, VALUE \$176; TUNA, BLUEFIN, 1,782 POUNDS, VALUE \$176; MIXED, 5,630 POUNDS, VALUE \$352; LOBSTERS, 635 POUNDS, VALUE \$140; SQUID, 8,515 POUNDS, VALUE \$361.

2/ INCLUDES FISH FOR REDUCTION OR ANIMAL FOOD. DATA NOT AVAILABLE BY SPECIES.

NOTE:--LANDINGS NOT INCLUDED IN THE ABOVE TABLE CONSISTED OF SPAWN, 1,050 POUNDS, VALUE \$129.

# LANDINGS AT CERTAIN MASSACHUSETTS PORTS

## NEW ENGLAND FISHERIES

### LANDINGS AT CAPE COD PORTS, 1951

SPECIES	JANUARY		FEBRUARY		MARCH		APRIL		MAY	
	POUNDS	AV. PRICE PER POUND								
COO, DRAWN:										
LARGE	161,737	9.16¢	146,090	11.07¢	100,287	9.76¢	101,924	7.51¢	119,337	6.33¢
MARKET	272,675	7.26	231,343	9.38	203,666	8.22	138,096	5.64	119,233	5.32
SCROD	44,640	4.49	36,959	5.36	23,925	5.92	14,614	4.78	1,030	3.88
CUSH, DRAWN:	1,455	3.09	885	2.62	1,423	3.65	748	2.14	1,642	1.95
FLOUNDERS, ROUND:										
GRAY SOLE	7,465	13.60	3,040	10.46	4,765	12.61	22,615	9.90	32,852	8.11
LEMON SOLE	16,790	16.79	8,831	21.90	3,687	17.93	3,220	12.80	5,635	11.45
YELLOWTAIL	313,845	14.04	190,545	17.00	249,785	14.73	214,592	8.42	61,057	7.88
BLACKBCK.	41,601	17.94	12,298	17.60	66,427	17.29	211,581	11.05	342,641	11.05
FLUKE	7,360	10.38	35,622	10.64	39,709	9.93	7,315	7.52	18,753	6.62
Haddock, DRAWN:	38,708	15.18	105,110	21.27	35,732	23.61	113,096	14.56	103,797	16.84
LARGE	231,888	11.99	180,885	11.15	299,074	10.07	159,540	6.24	207,825	7.96
SCROD	6,560	6.55	6,325	7.04	17,260	6.99	14,037	4.99	32,505	5.85
HAKE:										
WHITE, DRESSED:										
LARGE	1,127	6.92	3,038	6.58	6,611	9.98	4,493	6.19	4,713	5.43
SMALL	102	5.66	3,551	5.26	1,290	3.79	1,885	4.19	4,457	3.77
MACHEL	942	38.22	2,560	49.41	11,016	39.80	26,250	35.01	12,127	30.11
POLLOCK, DRAWN:	8,293	4.79	6,651	6.55	8,595	5.62	11,072	4.32	27,301	4.42
OCEAN PERCH, ROUND	1,335	7.49	255	7.06	135	5.18	120	10.42	305,698	6.18
SCUP OR PORGY, ROUND	1,400	7.86	2,010	8.56	-	-	160	9.04	1,612,662	3.90
WHITING, DRESSED	4,045	5.96	1,410	10.60	600	5.00	11,720	7.75	431,180	2.90
WHITING, ROUND	16,131	4.50	23,065	5.10	38,217	5.11	32,977	4.24	24,277	4.18
WOLFFISH, DRAWN	63,802	46.72	63,887	43.73	61,806	44.58	87,915	39.73	105,616	39.80
SCALLOPS (MEATS)	258,509	0.82	92,045	7.95	123,533	8.34	485,550	3.22	2,071,983	2.63
OTHER FOR FOOD:			49,407	0.87	112,000	0.88	57,250	0.95	580,137	1.08
TOTAL, AS LANDED:	1,565,137	10.36	1,201,472	13.57	1,405,415	11.89	1,816,445	8.95	6,317,231	5.05
TOTAL IN 1950, AS LANDED:	1,996,943	7.09	1,382,126	7.31	1,974,967	10.72	2,177,845	8.64	4,222,442	4.05

( CONTINUED ON NEXT PAGE )

SEE FOOTNOTES AT END OF TABLE.

# LANDINGS AT CERTAIN MASSACHUSETTS PORTS

## LANDINGS AT CAPE COD PORTS, 1951 - Continued

SPECIES	JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER	
	POUNDS	AV. PRICE PER POUND								
COD, DRAWN:										
MARKET	121,204	10.09 $\frac{1}{2}$	143,772	9.43 $\frac{1}{2}$	83,891	10.07 $\frac{1}{2}$	89,277	11.58 $\frac{1}{2}$	130,698	11.92 $\frac{1}{2}$
SCROD	11,155	7.75	156,717	5.30	112,346	5.69	99,672	6.50	107,998	8.00
CUSH, DRAWN	2,470	4.98	165	5.45	6,075	6.44	2,750	5.09	1,640	5.98
FLOUNDERS, ROUND:	16,520	2.05	15,931	2.08	4,385	2.19	5,241	2.30	17,829	2.37
GRAY SOLE	24,510	8.50	15,150	10.11	18,885	10.14	34,400	10.30	28,225	9.66
LEMON SOLE	10,315	12.48	12,277	15.78	24,751	16.12	15,521	15.00	15,537	18.39
YELLOWTAIL	79,357	10.03	254,654	9.78	140,184	9.64	193,077	10.03	189,449	12.96
BLACKBACK	139,261	10.44	56,570	13.95	83,900	9.67	32,694	13.52	60,506	9.11
DAB	33,979	7.18	14,352	6.33	74,998	9.72	84,384	10.84	90,663	9.63
HOLKE, DRAWN:	222,016	19.39	285,496	17.89	167,319	18.72	291,240	13.81	74,969	14.55
HOLLAND	324,313	8.99	282,547	8.78	277,576	9.80	224,190	9.78	114,366	11.63
SCROD	66,070	4.98	55,810	4.49	47,090	5.72	50,530	5.68	36,420	7.34
HAKE:										
RED, ROUND	4,130	1.67	29,915	1.44	17,735	2.07	41,135	2.13	205,018	1.84
WHITE, DRESSED:										
LARGE	36,323	6.27	42,449	5.67	26,862	5.37	30,749	6.38	34,613	7.77
SMALL	6,282	4.22	595	5.38	2,795	4.83	2,885	4.89	6,473	4.90
HALIBUT, DRAWN	1,996	30.01	1,925	35.01	453	30.90	750	40.00	5,074	48.57
HACKEREL, ROUND	581,281	10.08	301,382	10.03	16,314	9.02	220	11.52	1,074	18.97
POLLACK, DRAWN	62,414	4.76	10,289	3.29	4,777	5.07	8,179	4.23	15,124	5.45
SCROD, ENCH,										
ROUND					340	2.35			14,925	4.23
SCUP OR PORGY, ROUND	358,811	4.33	106,407	6.04	40,524	6.02	3,600	5.00	6,208	7.06
SNORFISH, DRESSED			18,367	53.90	33,502	54.58	9,500	55.00		
WHITING, DRESSED	2,648,435	4.00	2,243,473	3.50	1,595,379	3.22	699,732	3.10	398,640	4.35
WHITING, ROUND	544,115	2.00	276,010	1.97	272,655	1.46	434,664	1.69	859,740	2.06
WOLFFISH, DRAWN	10,396	4.35	6,817	4.06	1,892	4.44	2,428	4.32	5,260	5.04
SCALLOPS, {MEATS}	61,887	42.31	123,998	41.64	126,025	41.79	76,521	43.24	57,696	45.92
OTHER, FOR FOOD	1,013,931	1.38	1,152,717	7.49	412,849	5.93	287,167	7.64	274,062	10.97
OTHER, $\frac{1}{2}$	119,665	1.38	86,564	1.75	953,880	1.80	123,623	1.66		
TOTAL, AS LANDED	6,600,836	6.20	5,694,349	7.24	4,545,982	6.31	2,846,213	7.56	2,706,858	7.39
TOTAL IN 1950, AS LANDED	6,159,692	5.50	5,802,780	6.29	4,505,886	6.55	3,256,361	7.06	2,966,897	7.34

( CONTINUED ON NEXT PAGE )

SEE FOOTNOTES AT END OF TABLE.

# NEW ENGLAND FISHERIES

## LANDINGS AT CERTAIN MASSACHUSETTS PORTS

### LANDINGS AT CAPE COD PORTS, 1951 - Continued

SPECIES	NOVEMBER		DECEMBER		TOTAL, 1951		TOTAL, 1950	
	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND
COD, DRAWN:								
LARGE . . . . .	35,931	11.65¢	85,929	12.56¢	1,410,077	9.63¢	1,269,531	9.34¢
MARKET . . . . .	129,605	9.84	205,847	11.30	1,887,553	7.80	1,488,969	6.38
SCROD . . . . .	1,460	7.12	4,750	8.90	142,428	5.48	256,035	5.69
CUSK, DRAWN . . . . .	3,074	2.76	1,862	4.41	71,017	2.32	38,708	2.13
FLOUNDERS, ROUND:								
GRAY SOLE . . . . .	32,745	8.02	24,780	9.64	242,592	9.36	38,743	10.28
LENOX SOLE . . . . .	10,610	18.02	9,279	16.98	119,115	15.98	158,744	12.29
YELLOWTAIL . . . . .	171,963	12.74	204,807	16.42	2,262,639	12.46	3,258,796	10.89
BLACKTAIL . . . . .	149,247	13.19	60,513	15.50	1,250,935	12.41	1,309,179	10.36
FRESH . . . . .	100,454	10.16	16,795	14.33	50,574	10.36	33,494	7.30
FRESH, DRAWN . . . . .	91,176	12.20	31,727	16.19	1,500,366	16.88	1,112,674	14.38
HADDOCK, DRAWN:								
LARGE . . . . .	64,868	13.01	115,628	14.15	2,477,620	10.03	2,348,592	9.38
SCROD . . . . .	26,540	8.16	41,385	8.01	400,552	6.10	2,206,160	5.64
HAKE:								
RED, ROUND . . . . .	28,130	2.73	6,115	4.15	332,178	1.97	262,548	1.22
WHITE, DRESSED:								
LARGE . . . . .	9,182	8.03	5,129	6.51	204,289	6.48	75,369	5.50
SMALL . . . . .	7,272	5.27	905	9.17	34,492	4.78	21,228	3.09
HALIBUT, DRAWN . . . . .	119	36.97	113	43.36	59,445	35.53	50,232	35.17
MACKEREL, ROUND . . . . .	21,605	24.50	2,565	28.18	1,026,499	11.35	2,379,071	8.15
PORKY, ROUND . . . . .	3,554	3.22	15,730	3.60	91,498	4.00	36,690	4.16
OCEAN PERCH, ROUND . . . . .	3,503	3.49	7,720	3.60	26,459	4.00	6,890	4.16
SCUP OR PORGY, ROUND . . . . .	503	11.33	115	12.17	625,404	5.55	316,787	4.12
SWORFISH, DRESSED . . . . .	-	-	-	-	61,369	54.44	151,756	42.75
WHITING, DRESSED . . . . .	46,645	5.01	5,010	4.97	9,217,336	3.68	5,301,450	3.18
WHITING, ROUND . . . . .	236,085	3.14	89,410	4.90	3,161,289	2.24	6,316,069	1.89
WOLFFISH, DRAWN . . . . .	65,277	5.05	466	5.79	162,198	4.64	194,383	5.22
SCALLOPS (HEATS) . . . . .	267,935	49.99	42,632	55.37	940,515	43.43	1,117,661	46.63
OTHER, FOR FOOD . . . . .	1,200	6.20	172,448	6.54	6,438,025	5.33	4,100,030	5.80
OTHER 2/ . . . . .	1,200	1.58	-	-	2,343,937	1.40	5,649,138	0.90
TOTAL, AS LANDED . . . . .	1,509,990	10.72	1,988,639	12.61	37,598,567	7.55	37,866,867	6.76
TOTAL IN 1950, AS LANDED . . . . .	2,008,951	7.34	1,412,677	10.64	-	-	37,866,867	6.76

1/ THE ITEMS UNDER "OTHER FOR FOOD" INCLUDE ANGLERFISH, 9,910 POUNDS, VALUE \$659; BLUEFISH, 20,788 POUNDS, VALUE \$2,674; BUTTERFLY SH, 1,061,308 POUNDS, VALUE \$99,139; CUNNER (PERCH), 135 POUNDS, VALUE \$3; EEL, 17,222 POUNDS, VALUE \$419; FRIGATE MACKEREL, 575 POUNDS, VALUE \$34; HERRING, SEA, 1,627,930 POUNDS, VALUE \$20,115; KING WHITING, 16 POUNDS, VALUE \$1; RAJAFISH, 10,515 POUNDS, VALUE \$649; SEA BASS, 80,560 POUNDS, VALUE \$6,815; SEA TROUT OR WEAKFISH, GRAY, 65 POUNDS, VALUE \$9; SHAD, 5,511 POUNDS, VALUE \$146; SHARKS, 3,155 POUNDS, VALUE \$335; STRIPED BASS, 47,182 POUNDS, VALUE \$9,912; STURGEON, 11,960 POUNDS, VALUE \$428; TAUTOG, 26,421 POUNDS, VALUE \$1,505; TLEFISH, 1,860 POUNDS, VALUE \$12,632; TUNA, BLUEFIN, 779,354 POUNDS, VALUE \$70,770; WHITING, 1,000 POUNDS, VALUE \$52; MIXED, 777,636 POUNDS, VALUE \$99,116; AND SQUID, 1,799,341 POUNDS, VALUE \$58,161.

2/ INCLUDES FISH FOR FOOD, NOT AVAILABLE BY SPECIES.

NOTE:--LANDINGS NOT INCLUDED IN THE ABOVE TABLE CONSISTED OF EYERS, 12,494 POUNDS, VALUE \$2,061, AND SPRAWN, 32,906 POUNDS, VALUE \$3,352.

## NEW ENGLAND FISHERIES

LANDINGS AT CERTAIN MASSACHUSETTS PORTS  
SUMMARY OF FISHERY - BY GEAR AND SUBAREA, 1951

GEAR AND SUBAREA	CRAFT FISHING NUMBER	TRIPS NUMBER	DAYS ABSENT NUMBER	COD, DRAWN			CUSK, DRAWN POUNDS	FLOUNDER, ROUND											
				LARGE POUNDS	MARKET POUNDS	SCROD POUNDS		GRAY SOLE POUNDS	LEMON SOLE POUNDS	YELLOW-TAIL POUNDS									
LINE TRAWLS:																			
MIDDLE GROUND, . . . . .	1	1.0	10	19,200	26,300	-	-	-	-	-	-	-	-	-	-	-	-	-	-
E. BROWN'S AND LA HAVÉ, . . . . .	1	1.4	15	16,150	16,150	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SOUTHERN NOVA SCOTIA, . . . . .	1	1.2	1	300	1,300	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WESTERN BROWN, . . . . .	1	4.6	39	20,375	79,800	3,600	-	-	-	-	-	-	-	-	-	-	-	-	-
WESTERN MAINE, . . . . .	10	143.0	146	623,013	37,530	3,660	97,275	-	-	-	-	-	-	-	-	-	-	-	-
EASTERN MASSACHUSETTS, . . . . .	69	1,726.9	1,199	142,546	683,530	287,975	531,610	-	-	-	-	-	-	-	-	-	-	-	-
INNER GROUNDS WITH CHANNEL, . . . . .	4	12.4	53	51,950	86,530	17,495	45,445	-	-	-	-	-	-	-	-	-	-	-	-
WESTERN SIDE SOUTH CHANNEL, . . . . .	1	1.1	5	2,790	5,200	8,700	18,300	-	-	-	-	-	-	-	-	-	-	-	-
NORTHERN EDGE OF GEORGES, . . . . .	1	3.1	20	79,755	52,990	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NANTUCKET SHOALS & LIGHTSHIP, . . . . .	1	1.0	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OFF NO MAN'S LAND, . . . . .	1	1.0	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SOUTH, . . . . .	1	2.0	27	995,668	701,201	690	66,992	-	-	-	-	-	-	-	-	-	-	-	-
CAPE COD $\frac{1}{2}$ , . . . . .	45	3,129.0	3,129	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL, . . . . .	2/118	5,103.0	5,382	2,069,306	1,760,226	379,165	1,168,992	-	-	-	-	-	-	-	-	-	-	-	-
HAND LINES:																			
EASTERN MASSACHUSETTS, . . . . .	34	226.0	226	62,632	17,685	165	310	-	-	-	-	-	-	-	-	-	-	-	-
OFF NO MAN'S LAND, . . . . .	1	1.0	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S. NEW ENGLAND, UNCL, . . . . .	1	1.0	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CAPE COD $\frac{1}{2}$ , . . . . .	16	266.0	266	13,497	49,766	-	574	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL, . . . . .	2/51	494.0	498	76,129	67,451	165	310	-	-	-	-	-	-	-	-	-	-	-	-
HARPOONS:																			
EMERALD BANK, . . . . .	1	5	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NORTHERN EDGE OF GEORGES, . . . . .	2	4.0	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CENTRAL AND S.E. GEORGES, . . . . .	3	2.5	37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CAPE COD $\frac{1}{2}$ , . . . . .	3	11.0	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL, . . . . .	2/6	18.0	109	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OTTER TRAWLS, LARGE:																			
GULF OF ST. LAWRENCE, UNCL, . . . . .	14	18.6	243	27,550	36,175	4,700	-	-	-	-	-	-	-	-	-	-	-	-	-
GRAND BANK, . . . . .	18	70.9	613	16,645	16,645	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEWFOUNDLAND BANK, UNCL, . . . . .	19	28.9	329	172,576	10,543	-	80	-	-	-	-	-	-	-	-	-	-	-	-
NORTHEAST CAPE BRETON, . . . . .	13	20.3	217	17,142	17,142	175	621	-	-	-	-	-	-	-	-	-	-	-	-
PARADISE BANK, . . . . .	32	70.4	798	110,700	352,154	31,420	3,845	-	-	-	-	-	-	-	-	-	-	-	-
BAZEL BANK, . . . . .	17	30.5	391	63,771	63,771	31,620	3,954	-	-	-	-	-	-	-	-	-	-	-	-
CANSO BANK, . . . . .	37	30.5	391	20,087	142,010	90,240	605	-	-	-	-	-	-	-	-	-	-	-	-
MIDDLE GROUND, . . . . .	11	5.0	50	244,395	807,545	422,730	390	-	-	-	-	-	-	-	-	-	-	-	-
N.E., SABLE ISLAND BANK, . . . . .	22	85.2	765	45,290	98,955	117,690	750	-	-	-	-	-	-	-	-	-	-	-	-
S.E., SABLE ISLAND BANK, . . . . .	6.6	6.8	64	190,906	235,143	75,955	190	-	-	-	-	-	-	-	-	-	-	-	-
HORSEHOE GROUND, . . . . .	35	98.9	591	201,000	218,805	71,030	175	-	-	-	-	-	-	-	-	-	-	-	-
S.W., SABLE ISLAND BANK, . . . . .	21	21.7	203	12,797	12,797	-	1,465	-	-	-	-	-	-	-	-	-	-	-	-
EASTERN NOVA SCOTIA, . . . . .	15	14.1	150	3,967	3,967	-	1,535	-	-	-	-	-	-	-	-	-	-	-	-
EMERALD BANK, . . . . .	17	8.5	84	50,685	69,364	21,500	1,559	-	-	-	-	-	-	-	-	-	-	-	-

(CONTINUED ON NEXT PAGE)

SEE FOOTNOTES AT END OF TABLE.

LANDINGS AT CERTAIN MASSACHUSETTS PORTS

SUMMARY OF FISHERY - BY GEAR AND SUBAREA, 1951 - Continued

GEAR AND SUBAREA	CRAFT FISHING	TRIPS	DAYS ABSENT	COD, DRAWN		CUSH, DRAWN	FLOUNDERS, ROUND				
				LARGE	MARKET		SCOOD	GRAY SOLE	LEMON SOLE	YELLOW-TAIL	
											POUNDS
OTTER TRAWLS, LARGE - CONT'D:	NUMBER	NUMBER	NUMBER	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
CENTRAL NOVA SCOTIA . . . . .	22	44.3	505	82,164	13,277	7,887	51,940	1,925	3,000		
E. BROWN AND LA HAVÉ . . . . .	52	76.0	699	276,382	363,896	15,215	19,593	2,675	1,390		
SOUTHERN NOVA SCOTIA . . . . .	45	47.5	472	169,331	76,729	17,182	16,630	-	-		
WESTERN BROWNS . . . . .	28	28.6	250	341,300	207,920	2,939	630	-	-		
NOVA SCOTIA, UNCLASSIFIED . . . . .	6	6.0	73	16,900	13,860	1,905	13,375	-	-		
WESTERN MAINE . . . . .	2	1.0	12	2,693	3,950	88	2,688	-	-		
EASTERN MASSACHUSETTS . . . . .	1	15.4	1	15,344	25,252	12,156	5,906	250	-		
INNER GROUNDS . . . . .	14	83.7	696	160,992	214,553	121,242	37,708	26	4,800		
WESTERN SIDE SOUTH CHANNEL . . . . .	43	173.8	1,473	236,463	265,985	172,591	94,028	13,390	7,730		
NORTHERN EDGE OF GEORGES . . . . .	37	37.8	2,951	1,820,880	2,762,185	995,650	25,045	383,536	1,730		
CENTRAL AND S.E. GEORGES . . . . .	38	163.0	1,376	1,508,500	572,580	202,165	1,275	23,919	25,045		
SOUTHWEST GEORGES . . . . .	27	30.7	235	37,842	44,530	910	1,700	47,820	9,545		
NANTUCKET SHOALS & LIGHTSHIP . . . . .	10	3.0	16	3,300	22,920	205	400	6,890	210		
S. NEW ENGLAND, UNCLASSIFIED . . . . .	3	3.0	25	11,750	18,000	8,900	-	6,850	-		
TOTAL . . . . .	2/63	1,506.0	13,843	5,928,470	6,802,775	2,692,385	845,050	809,280	609,960		
OTTER TRAWLS, MEDIUM:											
GULF OF ST. LAWRENCE, UNCL . . . . .	15	24.4	302	19,776	936	100	4,464	-	-		
GRAND BANK . . . . .	2	5.0	56	1,980	1,980	-	-	-	-		
NORTHEAST CAPE BRETON . . . . .	23	26.4	319	134,452	31,224	130	32,422	-	-		
MISLAINE BANK . . . . .	14	13.8	167	27,156	6,194	428	36,082	-	-		
BANQUEREAU . . . . .	32	79.2	898	78,643	36,118	295	32,906	30	3,280		
CANSO BANK . . . . .	27	53.3	632	112,992	21,179	1,201	167,094	-	-		
MIDDLE GROUND . . . . .	3	1.4	17	650	17,475	1,170	375	30	68,770		
N.E. SABLE ISLAND BANK . . . . .	1	1.1	10	4,135	2,450	235	135	-	-		
WESTERN GROUND AND BANK . . . . .	1	1.1	10	4,135	2,450	235	135	-	-		
HORSHEOE GROUND . . . . .	37	89.4	931	36,375	32,956	8,645	35,351	7,200	-		
S.W. SABLE ISLAND BANK . . . . .	2	1.4	15	700	5,400	20,971	35,351	-	-		
EASTERN NOVA SCOTIA . . . . .	40	69.5	727	40,506	34,840	670	15,369	-	-		
EMERALD BANK . . . . .	7	5.8	62	500	9,125	840	2,035	-	-		
CENTRAL NOVA SCOTIA . . . . .	35	61.8	666	50,525	32,107	1,510	25,766	-	-		
E. BROWNS AND LA HAVÉ . . . . .	37	55.5	527	59,956	67,798	18,690	14,311	4,780	-		
SOUTHERN NOVA SCOTIA . . . . .	63	199.3	1,791	239,528	136,124	8,959	29,168	400	2,900		
WESTERN BROWNS . . . . .	8	13.2	115	88,202	62,990	8,095	18,935	300	-		
WESTERN NOVA SCOTIA . . . . .	16	11.4	104	14,941	6,229	1,000	6,133	-	-		
SOUTHERN BAY OF FUNDY . . . . .	2	3.0	129	20,145	6,900	3,080	12,750	-	-		
NORTHERN BAY OF FUNDY . . . . .	7	1.7	12	20,674	15,510	40	93	-	-		
EASTERN MAINE . . . . .	24	23.2	171	26,904	54,220	26,493	18,172	-	-		
CENTRAL MAINE . . . . .	27	27.5	210	19,471	2,391	27,716	28,349	-	-		
WESTERN MAINE . . . . .	48	346.1	810	176,116	90,961	70,671	300,560	935	7,844		
EASTERN MASSACHUSETTS . . . . .	44	627.5	821	70,057	90,191	12,799	93,937	935	37,536		
INNER GROUNDS . . . . .	96	484.3	2,562	201,850	89,274	228,774	196,714	1,640	590		
N. GULF OF MAINE, UNCL . . . . .	9	9.1	64	4,700	2,310	6,095	6,225	-	-		

(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, 1951 - Continued

GEAR AND SUBAREA	CRAFT FISHING	TRIPS	DAYS ABSENT	COD DRUM			CUS'Y, DRAWN	FLOU'DERS, ROUND			
				LARGE	MARKET	SCROD		POUNDS	GRAY SOLE	LEMON SOLE	YELLOW-TAIL
OTTER TRAWLS, MEDIUM-COBT ID:	NUMBER	NUMBER	NUMBER	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	
WESTERN SIDE SOUTH CHANNEL . . . . .	117	964.8	4,401	760,964	1,599,136	708,018	188,559	682,108	227,985	147,930	
EASTERN SIDE SOUTH CHANNEL . . . . .	94	244.2	1,860	189,591	217,810	70,936	50,581	193,515	413,377	243,005	
NORTHERN EDGE OF GEORGES . . . . .	57	77.6	1,570	220,132	391,965	150,116	5,960	179,742	179,742	16,150	
SOUTHWEST GEORGES . . . . .	37	127.6	932	361,959	187,200	67,830	1,685	2,515	417,530	896,160	
CENTRAL GEORGES . . . . .	42	215.1	1,381	321,300	91,550	55,850	-	13,240	266,547	3,684,175	
NANTUCKET SHOALS & LIGHTSHIP . . . . .	39	60.8	1,156	34,018	444,575	255,985	45	7,340	103,795	1,180,330	
OFF NO MAN'S LAND . . . . .	16	20.8	341	-	1,125	-	-	490	-	45,470	
SOUTHERN MASSACHUSETTS . . . . .	1	1.0	4	-	-	-	-	-	-	7,760	
RHODE ISLAND SHORE . . . . .	1	63.1	344	31,220	94,030	29,630	685	15,310	113,450	117,920	
S. NEW ENGLAND, UNCLASSIFIED . . . . .	30	1.0	7	-	-	-	-	-	-	-	
TOTAL . . . . .	2/171	4,227.0	23,138	3,015,418	3,890,973	1,552,680	748,124	1,992,037	1,730,884	6,467,060	
OTTER TRAWLS, SMALL:											
SOUTHERN NOVA SCOTIA . . . . .	1	1.8	13	2,862	-	-	1,362	300	-	-	
CENTRAL MAINE . . . . .	2	3.0	11	191,416	40	895	1,650	2,050	-	-	
WESTERN MAINE . . . . .	40	197.3	433	266,272	66,768	43,835	19,630	124,795	645	36,788	
EASTERN MASSACHUSETTS . . . . .	150	5,481.1	6,225	2,192,243	417,650	159,610	7,320	532,865	12,075	669,619	
INNER GROUNDS . . . . .	14	73.2	27	21,235	100	5,435	21,298	31,895	-	-	
N. GULF OF MAINE, UNCLASSIFIED:											
WESTERN SIDE SOUTH CHANNEL . . . . .	110	734.4	2,238	137,348	811,690	469,280	14,822	252,625	35,002	678,485	
CENTRAL AND S. E. GEORGES . . . . .	34	113.0	568	33,560	43,080	10,090	2,038	192,545	196,360	245,435	
SOUTHWEST GEORGES . . . . .	8	12.0	74	250	825	650	-	10,425	3,000	217,355	
NANTUCKET SHOALS & LIGHTSHIP . . . . .	100	689.7	2,358	16,860	423,980	169,380	-	14,916	13,770	2,762,445	
OFF NO MAN'S LAND . . . . .	96	496.9	1,238	3,055	124,290	8,470	-	185	2,100	1,860	
SOUTHERN MASSACHUSETTS . . . . .	50	189.3	593	-	10,100	5,225	-	85	2,100	3,677,090	
RHODE ISLAND SHORE . . . . .	7	5.9	36	3,070	101,489	15,140	-	6,155	14,460	251,370	
S. NEW ENGLAND, UNCLASSIFIED . . . . .	107	701.3	1,126	-	-	-	-	-	-	32,465	
SOUTH . . . . .	3	2.5	15	396,450	1,136,584	141,738	4,025	242,537	36,785	2,259,310	
CAPE COD J . . . . .	268	5,923.0	5,925	1,073,286	3,136,333	1,029,088	72,400	1,412,467	316,925	8,679,272	
TOTAL . . . . .	2/524	14,760.0	21,918	10,732,866	14,142,467	4,610	-	-	-	-	
FLOATING TRAPS:											
EASTERN MASSACHUSETTS . . . . .	14	580.0	580	180	9,541	45	-	-	-	-	
DIP NETS:											
EASTERN MASSACHUSETTS . . . . .	2	2.0	2	-	-	-	-	-	-	-	
SINK GILL NETS:											
EASTERN MASSACHUSETTS . . . . .	14	1,096.0	1,106	548,355	247,045	15	4,610	-	-	-	
DRIFT GILL NETS:											
EASTERN MASSACHUSETTS . . . . .	49	541.0	545	-	-	-	-	100	-	-	
CAPE COD J . . . . .	4	31.0	31	-	-	-	-	-	-	-	
TOTAL . . . . .	53	572.0	576	-	-	-	-	100	-	-	

(CONTINUED ON NEXT PAGE)

SEE FOOTNOTES AT END OF TABLE.



# LANDINGS AT CERTAIN MASSACHUSETTS PORTS

## SUMMARY OF FISHERY - BY GEAR AND SUBAREA, 1951 - Continued

GEAR AND SUBAREA	FLOUNDERS, ROUND - CONTINUED		FLUKE		HADDOCK, DRAWN		RED, ROUND	HAKE		HALLIBUT, DRAWN	MACKEREL, ROUND		
	BLACKBACK	POUNDS	DAB	POUNDS	LARGE	POUNDS		SCROD	POUNDS			WHITE, DRESSED	
												LARGE	POUNDS
LINE TRAWLS, CONTINUED:													
NORTHERN EDGE OF GEORGES CAPE COD $\sqrt{}$ . . . . .	-	3,191	-	1,634	-	62,810	6,200	-	6,000	-	-	-	
TOTAL, . . . . .	-	3,191	-	1,634	-	1,692,147	100,100	715	131,241	-	-	-	
HAND LINES:													
EASTERN MASSACHUSETTS . . . . .	-	3,909	3,454	1,916	1,916	4,452,467	384,415	715	1,383,481	1,060	64,647	3/50	
S. NEW ENGLAND, UNCL. . . . .	-	2,721	20	-	10	15	-	-	45	-	20	120	
CAPE COD $\sqrt{}$ . . . . .	-	2,721	5	6,016	3,705	-	-	-	210	-	87	-	
TOTAL, . . . . .	-	2,721	25	6,016	3,715	15	-	-	374	-	107	120	
OTTER TRAWLS, LARGE:													
GULF OF ST. LAWRENCE UNCL	-	730	-	-	-	2,875	-	-	745	-	140	-	
GRAND BANK, . . . . .	-	1,014,325	-	-	1,790	7,900	-	-	1,395	-	277	-	
NEWFOUNDLAND BANKS, UNCL.	-	20,597	-	-	645	982	-	-	1,132	-	4,297	-	
NORTHEAST CAPE BRETON, . . . . .	-	12,687	-	-	2,318	1,128	-	-	2,765	-	12,206	-	
MISMAINE BANK, . . . . .	-	27,359	-	-	97,257	281,481	-	-	17,575	-	356	-	
BANQUEREAU, . . . . .	-	46,901	-	-	75,956	79,070	-	-	1,929	-	43	-	
CANSO BANK, . . . . .	-	169,555	-	-	1,892,771	7,661,278	2,400	-	3,785	-	10,276	4,715	
MIDDLE GROUNDS, . . . . .	-	20,260	-	-	144,690	543,126	-	-	80	-	43	-	
S.E. SABLE ISLAND BANK, . . . . .	-	33,464	-	-	757,496	1,059,105	-	-	31,544	-	5,848	2,362	
S.E. SABLE ISLAND BANK, . . . . .	-	95,310	-	-	1,332,235	1,102,258	-	-	9,655	-	7,154	1,498	
HORSESHOE GROUND, . . . . .	-	300	-	-	7,383	4,861	-	-	12,239	-	820	-	
EASTERN NOVA SCOTIA, . . . . .	-	3,465	-	-	610,771	465,198	-	-	1,094	-	170	-	
GENERAL BANK, . . . . .	-	26,684	-	-	21,517	25,806	-	-	2,275	-	2,432	-	
CENTRAL NOVA SCOTIA, . . . . .	-	48,875	-	-	5,457,697	1,901,819	-	-	11,201	-	10,982	600	
E. BROWNS AND LA HAVE, . . . . .	-	1,800	-	-	1,530,074	35,456	-	-	4,424	-	1,326	100	
SOUTHERN NOVA SCOTIA, . . . . .	-	2,885	-	-	1,953,665	692,906	-	-	4,142	-	2,381	15	
WESTERN BROWNS, . . . . .	-	1,163	-	-	17,313	51,985	-	-	3,805	-	2,255	-	
SCOTIA UNCL. . . . .	-	-	-	-	3,113	5,085	-	-	3,500	-	663	-	
WESTERNALE, . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	
EASTERN MASSACHUSETTS . . . . .	-	9,156	-	-	4,950	4,950	-	-	4,778	-	474	-	
INNER GROUNDS, . . . . .	-	86,740	-	-	73,914	138,268	-	-	13,033	-	2,335	9,080	
WESTERN SIDE SOUTH CHANNEL	-	675,665	-	-	2,085,175	1,748,358	-	-	119,998	-	9,380	9,380	
EASTERN SIDE SOUTH CHANNEL	-	159,498	-	-	4,917,650	3,839,737	-	-	237,770	-	21,421	82,138	
NORTHERN EDGE OF GEORGES, . . . . .	-	130,567	-	-	7,951,812	20,278,978	-	-	194,594	-	16,593	3,777	
CENTRAL AND S.E. OF GEORGES, . . . . .	-	42,400	-	-	5,386,678	8,816,835	-	-	28,718	-	4,156	3,350	
SOUTHWEST GEORGES, . . . . .	-	15,280	-	-	685,910	1,447,967	-	-	6,945	-	550	-	
NANTUCKET SHOALS & LIGHTS	-	15,700	-	-	28,680	40,147	-	-	1,060	-	87	-	
S. NEW ENGLAND, UNCL. . . . .	-	514,625	4,410,320	100	34,966,925	50,803,850	2,400	892,925	59,230	119,483	3/115,005	-	
OTTER TRAWLS, MEDIUM:													
GULF OF ST. LAWRENCE UNCL.	-	1,546	-	-	539	-	-	-	1,400	-	-	-	
GRAND BANK, . . . . .	-	14,759	-	-	380	944	-	-	2,329	-	223	-	
NORTHEAST CAPE BRETON, . . . . .	-	-	-	-	260	-	-	-	-	-	-	-	

(CONTINUED ON NEXT PAGE)

SEE FOOTNOTES AT END OF TABLE.

# LANDINGS AT CERTAIN MASSACHUSETTS PORTS

## NEW ENGLAND FISHERIES

### SUMMARY OF FISHERY - BY GEAR AND SUBAREA, 1951 - Continued

GEAR AND SUBAREA	FLOUNDERS, ROUND - CONTINUED				HADDOCK, DRAWN		HAKE		RED, ROUND	WHITE, DRESSED		HALL BUT, DRAWN	MACKEREL, ROUND
	BLACKBACK	DAB	FLUKE	LARGE	SCROD	POUNDS	POUNDS	POUNDS		POUNDS	SMALL		
OTTER TRAWLS - MED IUK, CONT'D:													
MESA NE BANK . . . . .		5,797		6,335	4,132					1,241		886	
BANQUEREAU . . . . .		17,992		10,468	10,791					2,333		6,680	
CANSO BANK . . . . .		36,443		24,694	13,765					5,635		9,392	
MIDDLE GROUND . . . . .		225		3,000	1,860							175	
N.E. SABLE ISLAND BANK . . . . .		3,000		3,000	17,990							380	
S.E. SABLE ISLAND BANK . . . . .		550										974	
HORSESHOE GROUND . . . . .		21,504			51,664			600		21,585		994	
S.W. SABLE ISLAND BANK . . . . .		1,470			60,210					50,561		776	
EASTERN NOVA SCOTIA . . . . .		13,475			7,776			388		19,576		473	
CENTRAL NOVA SCOTIA . . . . .		12,174			35,683					77		697	
E. BROWNS AND LA HAVÉ . . . . .	735	16,323		811,579	19,419					10,487		1,898	
WESTERN NOVA SCOTIA . . . . .	1,250	66,726		469,437	184,531			1,580		29,792		1,998	
SOUTHERN BROWNS . . . . .		6,820		586,650	296,595					2,150		254	
SOUTHERN NOVA SCOTIA . . . . .		6,321		44,389	23,719					5,951		6,997	
SOUTHERN BAY OF FUNDY . . . . .	2,300	8,500		25,600	34,940					450		400	
NOVA SCOTIA, UNCLASSIFIED	700	88		12,500	7,890					11,705		305	
NORTHERN BAY OF FUNDY . . . . .	50	13,039		82,877	36,326					9,530		28	
EASTERN MAINE . . . . .		39,682		13,378	10,340					11,911		1,156	
CENTRAL MAINE . . . . .	1,369	102,982	200	263,183	216,249	243,045				13,712		828	
WESTERN MAINE . . . . .	98,007	102,824	495	135,187	127,905	283,435				59,799		640	
INNER MASSACHUSETTS . . . . .	1,750	160,473		676,036	275,202	48,060				19,426		3,746	
N. GULF OF MAINE, UNCL.		4,165		19,100	9,110					5,500		27	
WESTERN SIDE SOUTH CHANNEL	1,252,839	618,940	9,380	5,042,298	4,338,814	344,259				722,289		18,055	
EASTERN SIDE SOUTH CHANNEL	529,301	708,526	4,115	2,627,749	2,303,007	2,115				137,982		8,120	
NORTHERN EDGE OF GEORGES . . . . .	290,787	13,470		9,69,680	2,703,771					21,512		1,456	
CENTRAL AND S.E., GEORGES . . . . .	517,039	36,870	70	1,132,130	2,648,513	40				6,345		1,065	
SOUTHWEST GEORGES . . . . .	283,339	34,600	4,490	1,172,315	2,604,900					13,555		6,570	
NANTUCKET SHOALS & LIGHTSHIP	1,189,775	10,655	465,990	527,855	943,230					3,945		934	
OFF NO MAN'S LAND . . . . .	3,670	125	445,235	1,800	9,110							100	
SOUTHERN MASSACHUSETTS . . . . .	245,395	53,460	16,000	192,525	695,060					8,405		250	
NEW ENGLAND, UNCL.			10,370							6,100		100	
SOUTH . . . . .													
TOTAL . . . . .	4,385,580	2,156,634	955,965	15,198,462	18,306,312	894,162				1,674,829		64,497	
OTTER TRAWLS - SMALL:													
SOUTHERN NOVA SCOTIA . . . . .		427		3,169	475					1,138			
WESTERN MAINE . . . . .		1,440		1,085	695					1,005			
WESTERN MASSACHUSETTS . . . . .	11,034	101,020	5,943	98,685	77,767	2,500				62,320		448	
INNER GROUNDS . . . . .	533,226	722,865		357,217	270,993	59,740				139,210		2,577	
N. GULF OF MAINE, UNCL.		20,788		119,386	29,600	5,100				25,712		1,245	
WESTERN SIDE SOUTH CHANNEL	1,665,952	390	75,395	765,745	185					660		2,094	
EASTERN SIDE SOUTH CHANNEL	113,235	111,247	2,460	395,280	722,682	130,695				99,195		790	
CENTRAL AND S.E., GEORGES . . . . .	1,370	733,243	100	2,875	371,665					19,340			
SOUTHWEST GEORGES . . . . .	6,375	845	6,640	31,700	174,275					287			

(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, 1951 - Continued

GEAR AND SUBAREA	FLOUNDER'S, ROUND - CONTINUED				HALIBUT, DRAWN		HAKE			MACKEREL, ROUND
	BLACKBACK POUNDS	DAB POUNDS	FLUKE POUNDS	LARGE POUNDS	SCROD POUNDS	RED, ROUND POUNDS	WHITE, DRESSED		HALIBUT, DRAWN POUNDS	
							LARGE POUNDS	SMALL POUNDS		
OTTER TRAWLS, SMALL, CONT'D:										
NANTUCKET SHOALS & LIGHTSHIP	1,155,758	7,305	661,155	308,860	241,445	-	-	9,860	60	-
OFF NO MAN'S LAND	132,814	1,100	707,590	96,080	10,900	1,499,120	-	3,505	90	-
SOUTHERN MASSACHUSETTS	390,375	-	350,030	250	100	-	-	40	-	-
RHODE ISLAND SHORE	489,970	10,500	169,568	420	585	471,750	-	1,235	295	75
S. NEW ENGLAND, UNCL.	535	-	4,123	31,500	29,725	-	-	72,459	34,492	4,125
CAPE COD	1,240,372	617,435	1,515,368	781,769	400,452	331,463	-	-	-	-
TOTAL	5,740,656	2,327,605	3,499,129	2,954,495	2,257,027	3,024,969	460,004	238,087	7,565	3/11,530
FLOATING TRAPS:										
EASTERN MASSACHUSETTS	-	-	-	-	-	-	-	-	-	292,478
SINK GILL NETS:										
EASTERN MASSACHUSETTS	5,235	3,125	-	90,738	-	-	703,415	-	50	-
DRIFT GILL NETS:										
EASTERN MASSACHUSETTS	100	140	-	-	-	-	-	-	-	395,433
CAPE COD	-	-	-	-	-	-	-	-	-	17,330
TOTAL	100	140	-	-	-	-	-	-	-	392,763
PURSE SEINES:										
WESTERN MAINE	-	-	-	-	-	-	-	-	-	20,500
EASTERN MASSACHUSETTS	-	-	-	-	-	-	-	-	-	5,135,110
WESTERN SIDE SOUTH CHANNEL	-	-	-	-	-	-	-	-	-	4,645
OFF NO MAN'S LAND	-	-	-	-	-	-	-	-	-	451,950
S. NEW ENGLAND, UNCL.	-	-	-	-	-	-	-	-	-	81,650
CAPE COD	-	-	-	-	-	-	-	-	-	11,240
TOTAL	-	-	-	-	-	-	-	-	-	5,700,175
SCALLOP DREDGES:										
EASTERN MASSACHUSETTS	300	-	-	-	-	-	-	-	-	-
WESTERN SIDE SOUTH CHANNEL	5,400	-	590	-	-	-	-	75	-	-
EASTERN SIDE SOUTH CHANNEL	1,025	1,170	-	-	-	100	-	140	-	-
NORTHERN EDGE OF GEORGES	1,805	1,905	165	-	20	-	-	240	-	-
SOUTH OF GEORGES	3,940	705	-	-	30	-	-	1,600	-	-
WESTERN SIDE SOUTH CHANNEL	3,970	4,290	550	-	50	50	-	1,125	-	-
NANTUCKET SHOALS & LIGHTSHIP	4,445	635	280	-	25	-	-	1,100	-	-
RHODE ISLAND SHORE	-	-	-	-	-	-	-	-	60	-
S. NEW ENGLAND, UNCL.	1,965	80	590	-	-	-	-	-	-	-
SOUTH	95	-	-	-	-	-	-	-	-	-
CAPE COD	3/39,710	3/9,075	3/2,175	-	3/125	3/150	3/3,340	-	-	-
TOTAL	4,460	-	37,086	-	-	-	470	-	-	993,804
OUND NETS:										
CAPE COD	10,696,996	8,910,378	4,502,367	57,666,762	71,751,744	3,922,396	5,078,838	872,834	276,349	7,470,875
GRAND TOTAL										

(CONTINUED ON NEXT PAGE)

SEE FOOTNOTES AT END OF TABLE.

LANDINGS AT CERTAIN MASSACHUSETTS PORTS

SUMMARY OF FISHERY - BY GEAR AND SUBAREA, 1951 - Continued

GEAR AND SUBAREA	POLLOCK, DRAWN POUNDS	OCEAN PERCH, ROUND POUNDS	SCUP OR PORGY, ROUND POUNDS	SHORDFISH, DRESSED POUNDS	WHITING		WOLFISH, DRAWN POUNDS	SCALLOPS (MEATS) POUNDS	OTHER, AS LANDED POUNDS	TOTAL, AS LANDED POUNDS
					DRESSED POUNDS	ROUND POUNDS				
LINE TRAWLS:										
MIDDLE GROUNDS. . . . .	200	-	-	-	-	-	-	-	-	52,086
E. BROWNS AND LA HAVÉ	50	-	-	-	-	-	-	-	-	77,730
SOUTHERN NOVA SCOTIA . . . . .	1,850	-	-	-	-	1,200	-	-	-	8,170
WESTERN BROWNS. . . . .	22,373	-	-	1,015	195	4,064	-	6,285	-	357,914
EASTERN MAINE . . . . .	104,065	25	50	905	1,165	45,296	-	18,650	-	4,685,994
EASTERN MASSACHUSETTS . . . . .	51,905	-	-	-	-	6,305	-	1,655	-	1,536,829
INNER GROUNDS . . . . .	4,760	-	-	-	-	520	-	-	-	63,744
WESTERN SIDE SOUTH CHANNEL . . . . .	1,950	-	-	-	-	-	-	-	-	63,744
EASTERN SIDE SOUTH CHANNEL . . . . .	1,400	-	-	-	-	-	-	-	-	251,055
NANTUCKET SHOALS & LIGHTSHIP . . . . .	-	-	-	-	-	-	-	-	-	19,900
OFF NO MAN'S LAND (OCC) . . . . .	63,423	-	-	-	205	81,190	-	49,600	-	11,700
SOUTH . . . . .	-	-	-	-	-	-	-	-	-	49,600
CAPE COD 1/ . . . . .	250,976	75	-	-	1,920	138,775	-	10,231	-	3,692,335
TOTAL . . . . .	32,970	-	-	-	1,525	188,775	-	116,221	-	12,269,239
HAND LINES:										
EASTERN MASSACHUSETTS . . . . .	-	-	-	-	-	-	-	-	-	7,596
INNER GROUNDS (OCCASIONAL) . . . . .	-	-	-	-	-	120	-	-	-	19,870
WESTERN SIDE SOUTH CHANNEL (OCC) . . . . .	-	-	-	-	-	-	-	-	-	79,525
EASTERN SIDE SOUTH CHANNEL (OCC) . . . . .	-	-	-	-	-	-	-	-	-	11,000
OFF NO MAN'S LAND . . . . .	-	-	-	-	-	-	-	-	-	10,925
S. NEW ENGLAND, UNCL. . . . .	7,727	-	1,148	-	-	-	-	-	-	15,250
CAPE COD 1/ . . . . .	40,697	-	1,148	-	65	40	5	27,169	-	112,649
TOTAL . . . . .	-	-	-	-	65	160	40	171,337	-	371,174
HARPOONS:										
HERALD BANK. . . . .	-	-	-	4,430	-	-	-	-	-	4,430
NORTHERN EDGE OF GEORGES . . . . .	-	-	-	29,210	-	-	-	-	-	29,210
NORTHERN EDGE OF GEORGES (OCC) . . . . .	-	-	-	3,406	-	-	-	-	-	3,406
CENTRAL AND S.E. GEORGES . . . . .	-	-	-	9,422	-	-	-	-	-	9,422
NANTUCKET SHOALS & LIGHTSHIP . . . . .	-	-	-	-	-	-	-	-	-	301
(OCCASIONAL) . . . . .	-	-	-	301	-	-	-	-	-	301
OFF NO MAN'S LAND (OCC) . . . . .	-	-	-	644	-	-	-	-	-	644
SOUTHERN MASSACHUSETTS (OCC) . . . . .	-	-	-	61,369	-	-	-	-	-	61,369
CAPE COD 1/ . . . . .	-	-	-	108,979	-	-	-	-	-	108,979
TOTAL . . . . .	-	-	-	108,979	-	-	-	-	-	6,000
OTTER TRAWLS - LARGE:										
GULF OF ST. LAWRENCE, UNCL. . . . .	440	2,734,547	-	-	-	-	-	-	6,000	2,770,012
GRAND BANK. . . . .	9,000	11,780,703	-	-	-	-	750	87,500	12,956,608	
NEWFOUNDLAND BANKS, UNCL. . . . .	200	4,180,800	-	-	-	-	-	3,800	5,970,950	
NORTHEAST CAPE BRETON . . . . .	9,706	2,906,802	-	-	-	-	-	6,050	2,785,429	
MISLINE BANK. . . . .	8,979	3,514,725	-	-	-	-	-	30,239	3,461,262	
CANSO BEAU. . . . .	22,523	10,404,044	-	-	-	-	5,774	10,420,662	1,802,467	
MIDDLE GROUND . . . . .	56,782	4,256,000	-	-	-	-	12,170	21,053	4,270,354	
N.E. SABLE ISLAND BANK . . . . .	340,500	169,110	-	-	-	-	59,490	-	12,191,464	
S.E. SABLE ISLAND BANK. . . . .	36,460	6,020	-	-	-	-	1,600	-	1,057,263	
HORSESHOE GROUND. . . . .	122,328	6,620,646	-	-	-	-	50,803	78,945	9,412,700	

(CONTINUED ON NEXT PAGE)

SEE FOOTNOTES AT END OF TABLE.

## LANDINGS AT CERTAIN MASSACHUSETTS PORTS

## SUMMARY OF FISHERY - BY GEAR AND SUBAREA, 1951 - Continued

GEAR AND SUBAREA	POLLOCK, DRAWN		DEAN FISH, ROUND		SCUP OR PORCY, ROUND		SWORD-FISH, DRESSED		WHITING		WOLFFISH, DRAWN		SCALLOPS (MEATS)		OTHER, AS LANDED		TOTAL, AS LANDED	
	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	DRESSED	ROUND	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
OTTER TRAWLS, LARGE, CONT'D:																		
S.W. SABLE ISLAND BANK . . . . .	91,090	460													54			3,159,524
EASTERN NOVA SCOTIA . . . . .	93,724	2,274,993													10,790			2,444,682
ERNALD BANK . . . . .	61,895	7,046,670													85			1,501,176
CENTRAL NOVA SCOTIA . . . . .	335,783	2,371,421													14,330			7,625,355
SOUTHERN NOVA SCOTIA . . . . .	536,475	4,245,802													3,936			10,994,843
WESTERN BROWNS . . . . .	203,490	48,570													2,200			7,018,246
NOVA SCOTIA, UNCL . . . . .	29,070	764,300													160			3,509,569
WESTERN MAINE . . . . .	5,010	92,000													-			917,865
EASTERN MASSACHUSETTS . . . . .															-			121,538
INNER GROUNDS . . . . .	64,412	1,806,541													-			2,172,320
NORTHERN SIDE SOUTH CHANNEL . . . . .	296,034	890,702																6,089,613
EASTERN SIDE SOUTH CHANNEL . . . . .	1,323,106	174,523																9,592
NORTHERN EDGE OF GEORGES . . . . .	2,784,260	51,210																12,860,762
SOUTHWEST GEORGES . . . . .	26,860	17,895																37,813,177
NANTUCKET GEORGES & LIGHTSHIP . . . . .	12,100	430																17,516,162
S. NEW ENGLAND, UNCL . . . . .	6,840,660	67,319,994																2,471,534
TOTAL . . . . .																		130,039
OTTER TRAWLS, MEDIUM:																		244,000
GULF OF ST. LAWRENCE, UNCL . . . . .	614	3,238,625																184,899,195
GRAND BANK . . . . .	1,575	703,720																317,440
NORTHEAST CAPE BRETON . . . . .	1,906	3,364,522																11,500
MISALNE BANK . . . . .	950	1,944,368																15,450
BANQUEPREAU . . . . .	27,340	10,139,536																3,602,003
CANSO BANK . . . . .	39,864	6,106,982																10,033,852
MIDDLE GROUNDS . . . . .	2,103	121,449																69,150
S.E. SABLE ISLAND BANK . . . . .	870	149,900																1,591,853
S.W. SABLE ISLAND BANK . . . . .	124,173	10,969,878																45,700
EASTERN NOVA SCOTIA . . . . .	3,000	79,628																1,600
ERNALD BANK . . . . .	6,000	686,395																117,510
CENTRAL NOVA SCOTIA . . . . .	77,444	7,335,289																158,235
E. BROWNS AND LA HAVÉ . . . . .	169,467	4,385,666																11,664,482
SOUTHERN NOVA SCOTIA . . . . .	435,358	19,283,369																120,768
WESTERN BROWNS . . . . .	37,967	70,130																67,480
WESTERN NOVA SCOTIA . . . . .	52,499	879,489																4,275
SOUTHERN BAY OF FUNDY . . . . .	33,250	5,000																7,776,242
NOVA SCOTIA, UNCL . . . . .	28,795	980,417																119,334
NORTH-BAY OF FUNDY . . . . .	37,415	10,570																6,081,105
CENTRAL MAINE . . . . .	427,572	951,426																21,239,748
EASTERN MAINE . . . . .	37,559	2,089,435																1,063,987
WESTERN MASSACHUSETTS . . . . .	150,325	293,637																129,565
INNER GROUNDS . . . . .	680,293	18,161,198																1,139,237

(CONTINUED ON NEXT PAGE)

SEE FOOTNOTES AT END OF TABLE.

LANDINGS AT CERTAIN MASSACHUSETTS PORTS

SUMMARY OF FISHERY - BY GEAR AND SUBAREA, 1951 - Continued

GEAR AND SUBAREA	POLLOCK, DRAWN	OCEAN PERCH, ROUND	SCUP OR FORGY, ROUND	SWORD- FISH, DRESSED	WHITING		WOLFFISH, DRAWN	SCALLOPS (MEATS)	OTHER, AS LANDED	TOTAL, AS LANDED
					DRESSED	ROUND				
OTTER TRAWLS, MEDIUM, CONT'D:										
N. GULF OF MAINE, UNCL.	16,450	230,830	-	-	8,070	4,660	-	18,440	339,242	
WESTERN SIDE SOUTH CHANNEL.	1,359,675	10,007,578	3,330	-	1,973,746	1,067,984	834	82,152	31,375,800	
EASTERN SIDE SOUTH CHANNEL.	307,410	2,988,615	-	-	63,398	27,031	1,224	28,026	11,645,775	
NORTHERN EDGE OF GEORGES.	184,090	10,043	-	-	-	-	12,877	3,084	4,201,793	
CENTRAL AND S.E. GEORGES.	37,495	17,560	535	-	-	-	605	10,110	8,516,985	
SOUTHWEST GEORGES AND LHTSHIP	15,930	1,260	23,305	-	-	-	17,568	191,325	5,434,670	
OFF NO MAN'S LAND.	145	3,190	35,715	-	-	-	4,568	327,360	862,760	
SOUTHERN MASSACHUSETTS.	-	-	-	-	-	-	-	-	8,250	
RHODE ISLAND SHOALS.	-	-	14,670	-	-	-	-	2,120	1,608,505	
SOUTH.	5,295	11,710	600	-	-	-	-	7,040	18,110	
TOTAL.	4,713,068	114,169,173	76,155	-	8,174,329	4,223,042	408,554	2,093,487	197,485,818	
OTTER TRAWLS, SMALL:										
SOUTHERN NOVA SCOTIA.	2,227	94,400	-	-	1,300	38,000	192	-	7,875	106,642
WESTERN MAINE.	1,465	37,500	-	-	436,172	1,232,487	14,305	191,970	3,455,945	
EASTERN MASSACHUSETTS.	121,805	535,290	150	-	20,592,648	9,060,957	881,754	4,601,426	39,611,605	
INNER GROUNDS.	27,358	1,381,345	-	-	20,365	10,290	2,693	38,625	1,777,398	
N. GULF OF MAINE, UNCL.	730	36,000	5,280	-	1,200	475,085	92,944	190,685	51,460	
WESTERN SIDE SOUTH CHANNEL.	204,313	379,315	-	-	2,471,510	2,700	10,195	400	9,812,637	
EASTERN SIDE SOUTH CHANNEL.	4,082	107,185	-	-	2,700	523	-	1,759	2,244,410	
CENTRAL AND S.E. GEORGES.	-	-	1,180	-	-	-	-	8,509	730	
SOUTHWEST GEORGES.	7,325	-	29,110	-	400	1,200	2,185	5,387,292	10,249,701	
NANTUCKET SHOALS & LHTSHIP.	2,560	-	15,615	-	-	430	-	6,250,025	9,226,429	
OFF NO MAN'S LAND.	-	-	35,805	-	-	-	35	15,020	822,735	
RHODE ISLAND SHOALS.	-	-	35,700	-	-	-	135	64,870	96,845	
SOUTH.	300	-	35,905	-	5,600	450	228	5,633,262	7,271,527	
CAPE COD.	187,003	26,455	781,073	-	8,782,080	3,199,774	80,403	3,902,422	26,135,657	
TOTAL.	761,778	2,676,970	908,818	-	32,313,975	13,979,198	292,026	26,284,552	113,879,185	
FLOATING TRAPS:										
EASTERN MASSACHUSETTS.	4,985	-	5	-	130	63,268	-	369,944	740,576	
DIP NETS:										
EASTERN MASSACHUSETTS.	-	-	-	-	-	-	-	6,500	6,500	
SINK GILL NETS:										
EASTERN MASSACHUSETTS.	2,079,115	85	-	-	160	18,035	60	79,118	3,779,161	
DRIFT GILL NETS:										
EASTERN MASSACHUSETTS.	-	-	-	-	22,530	64,420	-	10,433	433,156	
CAPE COD.	-	-	-	-	-	80	-	30	17,440	
TOTAL.	-	-	-	-	22,530	64,500	-	10,463	450,596	

(CONTINUED ON NEXT PAGE)

SEE FOOTNOTES AT END OF TABLE.

## LANDINGS AT CERTAIN MASSACHUSETTS PORTS

## SUMMARY OF FISHERY - BY GEAR AND SUBAREA, 1951 - Continued

GEAR AND SUBAREA	POLLOCK, DRAWN POUNDS	OCEAN PERCH, ROUND POUNDS	SCUP OR PORGY, ROUND POUNDS	SWORD- FISH, DRESSED POUNDS	WHITTING		WOLF FISH, DRAWN POUNDS	SCALLOPS (MEATS) POUNDS	OTHER, AS LANDED POUNDS	TOTAL, AS LANDED POUNDS
					DRESSED POUNDS	ROUND POUNDS				
PURSE SEINES:										
WESTERN MAINE, RIBBERTS . . . . .	-	-	-	-	-	-	180	106,727	8,520	29,020
WESTERN MASSACHUSETTS . . . . .	-	-	-	-	-	-	-	1,712,504	7,454,595	12,609,835
OFF NORTH CHANNEL . . . . .	-	-	-	-	-	100	-	3,457,951	119,800	5,668,495
OFF NORTH SAND . . . . .	-	-	-	-	-	-	-	1,126,475	-	55,950
S. NEW ENGLAND, UNCL. . . . .	-	-	-	-	-	-	-	3,652,603	-	8,650
CAPE-COD $\frac{1}{2}$ . . . . .	-	-	-	-	-	-	110	1,426,277	-	11,240
TOTAL . . . . .	-	-	-	-	-	3/100	-	13,523,842	7,582,915	13,283,190
SCALLOP DRIFTS:										
EASTERN MASSACHUSETTS . . . . .	-	-	-	-	-	-	-	106,727	50	110,272
WESTERN SIDE SOUTH CHANNEL . . . . .	-	-	-	-	-	-	-	1,712,504	630	1,713,134
EASTERN SIDE SOUTH CHANNEL . . . . .	-	-	-	-	-	-	-	3,457,951	1,110	3,515,421
NORTHERN EDGE OF GEORGES . . . . .	-	-	-	-	-	-	60	1,126,475	7,500	1,178,739
CENTRAL AND S. E. GEORGES . . . . .	-	-	-	-	-	-	-	3,652,603	2,380	3,824,078
SOUTHWEST GEORGES . . . . .	-	-	-	-	-	-	110	1,426,277	365	1,456,057
OFF NORTH CHANNEL, LIGHTSHIP . . . . .	-	-	-	-	-	-	-	12,853	-	13,353
OFF NORTH SAND . . . . .	-	-	-	-	-	-	-	10,044	-	10,419
RHODE ISLAND SHORE . . . . .	-	-	-	-	-	-	115	246,964	-	255,804
S. NEW ENGLAND UNCL. . . . .	-	-	-	-	-	-	-	35,195	-	37,005
SOUTH . . . . .	-	-	-	-	-	-	600	939,907	1,926	944,470
CAPE COD $\frac{1}{2}$ . . . . .	-	-	-	-	-	-	3/2,205	13,523,842	37,211	13,892,114
TOTAL . . . . .	-	-	-	-	-	-	-	13,523,842	41,840,184	6,423,407
POUND NETS:										
CAPE COD $\frac{1}{2}$ . . . . .	63,295	-	43,183	-	435,191	1,190	-	-	-	6,423,407
GRAND TOTAL . . . . .	14,754,574	184,366,297	1,029,309	108,979	40,974,400	18,360,318	1,442,115	13,565,878	41,881,372	547,609,134

1/ THE CATCH LANDED AT CAPE COD PORTS CANNOT BE ALLOCATED INTO THE VARIOUS SUBAREAS AND IS LISTED FOR CAPE COD IN THIS TABLE.

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

3/ INCIDENTAL CATCH.

NOTE:--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 OF THE CRAFT OPERATES IN TWO OR MORE SUBAREAS DURING A VOYAGE, A FRACTIONAL PART (IN TENTHS) OF THE TRIP IS ALLOTTED TO THE SUBAREA IN WHICH THE CATCH TAKEN IN EACH SUBAREA. "INCIDENTAL" AFTER THE NAME OF A SUBAREA INDICATES THAT THE CRAFT CONTRIBUTING TO THE CATCH AS SHOWN FISHED CHIEFLY WITH ANOTHER TYPE OF GEAR.

LANDINGS AT CERTAIN MASSACHUSETTS PORTS

SUMMARY OF FISHERY - BY AREA AND SUBAREA, 1951

AREA AND SUBAREA	CRAFT FISHING	TRIPS	DAYS ASSENT	COD, DRAWN		CUSK, DRAWN	FLOUNDERS, ROUJND		YELLOWTAIL
				LARGE POUNDS	MARKET POUNDS		GRAY SOLE POUNDS	LEMON SOLE POUNDS	
GULF OF ST. LAWRENCE (XIX):	29	43.0	545	936	4,700	100	4,464	-	-
GULF OF ST. LAWRENCE, UNCL.									
GRAND BANK (AREA XX):	20	75.9	869	37,795	4,700	-	1,110	-	-
GRAND BANK, UNCL.	19	26.9	328	1,400	-	-	-	-	-
NEWFOUNDLAND BANKS, UNCL.									
TOTAL	1/25	104.8	1,197	45,155	4,700	-	1,110	-	-
OFF NOVA SCOTIA (AREA XXI):									
NORTHEAST CAPE BRETON	36	42.9	506	307,028	50,767	230	78,420	-	-
MISIAINE BANK	27	34.7	413	104,483	23,336	853	106,431	-	-
BANQUERAU	64	149.6	1,696	176,343	36,566	8,273	76,582	-	30
CANSO BANK	44	93.8	1,077	156,743	5,556	9,618	359,056	-	-
MIDDLE GROUND BANK	15	1,027	3,937	168,310	90,240	995	10,250	-	30
N.E. SABLE ISLAND BANK	24	86.3	775	248,530	825,020	390	11,275	-	7,085
HORSESHOE ISLAND BANK	14	7.9	74	45,290	101,405	235	885	-	1,190
HORSESHOE GROUND	72	148.3	1,522	227,281	268,099	84,600	134,270	-	100
S.W. SABLE ISLAND BANK	23	21.1	218	201,700	224,205	1,465	11,535	-	175
EASTERN NOVA SCOTIA	55	83.6	877	53,303	39,907	26,429	25,953	-	-
ESTRALMO BANK	25	14.8	157	51,185	78,489	21,500	10,363	-	-
CENTRAL NOVA SCOTIA	97	106.1	1,171	132,789	45,384	22,603	30,706	-	6,705
E. BROWNS AND LA HAVE	50	132.9	1,241	344,463	447,944	95,393	61,055	-	3,075
SOUTHERN NOVA SCOTIA	110	2,277	48.4	412,021	215,760	13,993	6,133	-	2,175
WESTERN BROWNS	37	246.8	2,277	40,041	2,459	18,980	6,330	-	-
WESTERN NOVA SCOTIA	16	1.0	104	1,041	2,459	100	6,450	-	-
SOUTHERN BAY FUNDY	3	3.0	16	7,950	6,725	6,900	26,125	-	-
NOVA SCOTIA, UNCL.	13	15.0	196	37,945	29,370	4,985	26,125	-	-
TOTAL	1/142	1,246.0	12,747	3,051,629	3,267,104	216,542	1,022,480	19,565	634,390
OFF NEW ENGLAND (AREA XXII):									
NORTHERN BAY OF FUNDY	3	1.7	12	674	600	40	18,172	-	93
EASTERN MAINE	24	23.2	171	26,904	54,220	26,493	16,379	-	-
CENTRAL MAINE	29	30.5	221	20,396	2,431	23,781	30,399	-	-
WESTERN MAINE	103	690.4	1,412	473,495	240,959	184,596	428,043	-	1,580
EASTERN MASSACHUSETTS	402	10,879.7	12,013	1,599,249	1,461,569	526,549	2,261,312	-	12,325
INNER GROUNDS	133	620.3	3,175	380,597	209,019	68,000	20,812	-	1,890
N. GULF OF MAINE, UNCL.	0	10.1	9	684	2,812,024	270,068	6,945	-	-
WESTERN BAY OF FUNDY	34	20.2	168	1,100,354	1,325,823	60,598	290,774	-	835,570
WESTERN BAY SOUTH CHANNEL	207	648.1	4,610	464,394	3,227,075	148,953	561,141	-	621,995
NORTHERN EDGE OF GEORGES	139	848.4	6,787	2,120,767	1,154,680	108,125	35,800	-	574,858
CENTRAL AND S.E. GEORGES	141	428.8	3,994	759,930	269,995	7,575	12,459	-	657,834
SOUTHWEST GEORGES	170	784.6	5,690	1,730,392	173,470	9,110	46,775	-	6,190,050
NAUTICKET SHOALS & LHTSHIP	211	1,082.9	4,672	891,615	440,220	250	24,520	-	199,613
OFF NO MAN'S LAND	118	565.2	1,609	3,178	124,645	8,470	650	-	4,124,935
SOUTHERN MASSACHUSETTS	51	190.3	597	11,225	5,225	185	120	-	13,970
RHODE ISLAND SHORE	9	7.6	49	46,040	213,535	40	135,495	-	374,755
S. NEW ENGLAND, UNCL.	183	898.4	1,613	1,410,077	1,887,553	71,017	242,592	-	2,262,435
CAPE COD Z.	434	11,615.0	11,615	9,600,006	12,595,691	2,030,247	3,264,249	119,115	15,519,122
TOTAL	1/1,136	31,326.3	66,993	9,600,006	12,595,691	4,406,292	2,957,879	119,115	33,665
OFF MIDDLE ATLANTIC STATES (AREA XXIII):									
SOUTH	1/12	16.9	108	75	75	-	-	-	-
GRAND TOTAL	1/1,155	32,737.0	81,590	12,715,606	15,908,961	2,246,889	4,292,303	2,971,444	16,187,167

(CONTINUED ON NEXT PAGE)

SEE FOOTNOTES AT END OF TABLE.

# LANDINGS AT CERTAIN MASSACHUSETTS PORTS

## SUMMARY OF FISHERY - BY AREA AND SUBAREA, 1951 - Continued

AREA AND SUBAREA	FLOUNDER, ROUND-CONTINUE			HADDOCK, DRAIN			RED, ROUND	WHITE DRESSED		HALIBUT, DRAIN	MACKEREL ROUND	
	BLACKBACK POUNDS	DAB POUNDS	FLUKE POUNDS	LARGE POUNDS	SCROD POUNDS	POLINDS		POLINDS	SMALL			
									LARGE POUNDS			POLINDS
GULF OF ST. LAWRENCE (X1X):	-	-	-	-	-	-	-	-	-	-	-	
GULF OF ST. LAWRENCE UNCL	-	2,276	-	-	-	-	-	-	-	-	-	
OFF GRAND BANK (AREA XX):	-	1,015,395	-	2,170	2,875	640	-	-	-	140	-	
GRAND BANK, UNCL	-	1,770,850	-	-	7,900	-	-	-	-	-	-	
NEWFOUNDLAND BANKS, UNCL:	-	-	-	-	-	-	-	-	-	-	-	
TOTAL:	-	2,786,245	-	2,170	10,775	640	-	-	-	140	-	
OFF NOVA SCOTIA (AREA XXI):	-	-	-	-	-	-	-	-	-	-	-	
NORTHEAST CAPE BRETON	-	35,356	-	995	1,526	-	-	-	-	3,461	520	
MISLAINE BANK	-	15,464	-	8,953	5,566	-	-	-	-	5,685	3,665	
BANQUEREAU	-	45,351	-	107,725	292,272	-	-	-	-	7,675	19,590	
CANSO BANK	-	83,434	-	40,300	331,371	-	-	-	-	22,039	420	
MIDDLE GROUND	-	21,215	-	82,430	82,430	2,400	-	-	-	3,744	442	
N. E. SABLE ISLAND BANK	50	171,555	-	1,896,015	7,679,268	-	-	-	-	10,451	4,715	
S. E. SABLE ISLAND BANK	-	20,810	-	144,090	543,125	-	-	-	-	3,400	423	
W. SABLE ISLAND BANK	-	54,968	-	905,124	1,111,060	600	-	-	-	82,205	5,642	
SUNSHINE GROUND	-	15,400	-	1,405,985	1,182,468	-	-	-	-	9,655	6,627	
EASTERN NOVA SCOTIA	300	17,640	-	662,021	27,218	388	-	-	-	50,870	1,498	
EMERALD BANK	-	3,940	-	62,494	45,225	-	-	-	-	86,417	2,309	
CENTRAL NOVA SCOTIA	-	36,658	-	6,302,216	2,278,269	-	-	-	-	20,670	170	
E. BROWNS AND LA HAVE	2,535	65,196	-	1,805,240	661,137	1,580	-	-	-	94,521	21,663	
SOUTHERN NOVA SCOTIA	1,950	102,609	-	1,683,785	1,018,311	-	-	-	-	119,166	12,390	
WESTERN BROWNS	2,885	30,160	-	4,438,389	23,719	-	-	-	-	3,574	600	
SOUTHERN NOVA SCOTIA	-	6,321	-	25,600	34,940	-	-	-	-	5,551	15	
OFF NOVA SCOTIA, UNCL	2,300	10,860	-	16,249,322	15,551,839	4,968	-	-	-	15,390	655	
TOTAL:	9,620	823,975	-	16,249,322	15,551,839	4,968	-	-	-	530,395	162,638	
OFF NEW ENGLAND (AREA XXII):	-	-	-	-	-	-	-	-	-	-	-	
NORTHERN BAY OF FUNDY	700	88	-	12,877	7,992	-	-	-	-	700	254	
EASTERN MAINE	-	13,039	-	83,300	36,335	-	-	-	-	13,930	305	
WESTERN MAINE	50	31,126	-	15,463	11,035	2,500	-	-	-	20,740	12,901	
N. GULF OF MAINE, UNCL	-	20,766	200	40,546	302,785	-	-	-	-	163,530	5,019	
EASTERN MASSACHUSETTS	12,402	630,766	6,438	1,286,711	412,205	773,036	-	-	-	216,778	29,477	
INNER MASSACHUSETTS	1,750	190,417	-	1,286,711	412,205	53,168	-	-	-	1,670,649	3,785,106	
N. GULF OF MAINE, UNCL	-	4,555	-	19,170	9,295	-	-	-	-	6,160	8,724	
WESTERN SIDE SOUTH CHANNEL	3,010,531	856,872	85,365	8,249,618	6,848,609	474,954	-	-	-	975,892	22,578	
EASTERN SIDE SOUTH CHANNEL	2,118,604	6,175	6,175	7,936,119	6,998,612	2,215	-	-	-	426,322	18,428	
NORTHERN EDGE OF SOUTH CHANNEL	469,375	151,463	165	8,964,302	22,588,969	2,146	-	-	-	222,146	19,248	
SOUTHWEST GEORGES	632,821	110,260	220	6,691,683	11,483,243	-	-	-	-	36,848	23,142	
SOUTHWEST GEORGES	44,065	11,750	11,750	1,889,925	4,324,982	90	-	-	-	14,305	25,600	
NANTUCKET SHOALS & LIGHTSHIP	2,325,258	19,025	1,271,845	97,585	1,230,637	24,575	-	-	-	60	961	
OFF NO MAN'S LAND	136,684	19,225	1,152,845	97,585	1,230,637	1,498,120	-	-	-	90	60	
SOUTHERN MASSACHUSETTS:	-	-	-	350,030	10,100	-	-	-	-	7,420	55,950	
RHODE ISLAND SHORE:	85	755	-	420	565	-	-	-	-	40	100	
S. NEW ENGLAND, UNCL:	738,030	67,140	185,568	273,725	805,035	471,750	-	-	-	11,210	8,825	
CAPE COD	1,250,839	619,074	1,560,386	2,477,620	400,552	332,178	-	-	-	204,289	59,443	
TOTAL:	10,686,811	5,297,882	4,487,302	41,413,766	56,188,345	3,916,788	-	-	-	4,544,263	710,196	
OFF MIDDLE ATLANTIC STATES (AREA XXIII):	-	-	-	-	-	-	-	-	-	-	-	
SOUTH	565	-	15,085	365	785	-	-	-	-	140	-	
GRAND TOTAL:	10,696,996	8,910,376	4,502,387	57,666,762	71,751,744	3,922,396	-	-	-	5,078,838	872,834	

(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, 1951 - Continued

AREA AND SUBAREA	POLLOCK, DRAWN		OCEAN PERCH, ROUND		SCUP OR BROWN, ROUND		SMORNO-FISH, DRESSED		WHITING		MOLFFISH, DRAWN		SCALLOPS (MEATS)		OTHER, AS LANDED		TOTAL, AS LANDED	
	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
GULF OF ST. LAWRENCE (X1X):	1,054	-	5,973,172	-	-	-	-	-	-	-	200	-	-	-	6,000	-	6,038,212	-
GULF OF ST. LAWRENCE UNCL.	9,575	12,484,423	4,180,800	-	-	-	-	-	-	750	-	-	-	99,000	3,800	13,677,073	-	
OFF GRAND BANK (AREA XX):	200	4,180,800	-	-	-	-	-	-	-	-	-	-	-	102,800	-	5,970,950	-	
NEWFOUNDLAND BANKS, UNCL.:	9,775	16,665,223	-	-	-	-	-	-	-	750	-	-	-	102,800	-	19,648,023	-	
TOTAL.....	11,612	5,871,324	5,973,172	-	-	-	-	-	-	843	-	-	-	21,300	-	6,387,432	-	
OFF NOVA SCOTIA (AREA XXI):	1,929	5,459,093	-	-	-	-	-	-	-	989	-	-	-	30,389	-	5,774,004	-	
MELVILLE PE BRETON	59,561	20,593,580	-	-	-	-	-	-	-	8,079	-	-	-	79,328	-	22,348,517	-	
MISMAINE BANK	62,186	10,508,457	-	-	-	-	-	-	-	10,807	-	-	-	66,753	-	11,445,747	-	
BANQUEFEAU	340,915	168,110	377,449	-	-	-	-	-	-	59,165	-	-	-	1,600	-	955,570	-	
MIDDLE GROUND	37,330	17,590,324	-	-	-	-	-	-	-	64,043	-	-	-	1,305	-	12,308,576	-	
N.E. SABLE ISLAND BANK	246,501	155,920	-	-	-	-	-	-	-	13,156	-	-	-	54	-	21,077,182	-	
S.E. SABLE ISLAND BANK	173,932	10,121,727	-	-	-	-	-	-	-	13,297	-	-	-	54	-	3,325,557	-	
HORSESHOE GROUND	165,300	14,351,710	-	-	-	-	-	-	-	4,502	-	-	-	78,270	-	10,685,718	-	
SOUTHERN NOVA SCOTIA	505,450	6,757,036	-	-	-	-	-	-	-	53,796	-	-	-	129,564	-	4,281,848	-	
CENTRAL NOVA SCOTIA	974,110	23,623,571	-	-	-	-	-	-	-	77,928	-	-	-	40,125	-	15,409,918	-	
E. BROWNS AND LA HAVE	243,307	118,700	1,230	-	-	-	-	-	-	170,666	-	-	-	347,938	-	17,102,678	-	
SOUTHERN BROWNS	52,499	879,489	-	-	-	-	-	-	-	2,800	-	-	-	1,063,987	-	28,511,806	-	
WESTERN BROWNS	53,530	3,700	2,352	-	-	-	-	-	-	2,800	-	-	-	34,725	-	5,063,987	-	
WESTERN NOVA SCOTIA	57,865	1,744,717	-	-	-	-	-	-	-	3,870	-	-	-	-	-	1,129,565	-	
SOUTHERN BAY OF FUNDY	3,183,341	119,417,862	-	-	-	-	-	-	-	572,195	-	-	-	1,034,885	-	2,057,102	-	
NOVA SCOTIA, UNCL.	37,415	10,576	97,282	-	-	-	-	-	-	177	-	-	-	-	-	167,188,182	-	
TOTAL.....	427,250	992,750	1,840	-	-	-	-	-	-	4,026	-	-	-	230	-	72,430	-	
OFF NEW ENGLAND (AREA XXII):	20,414	1,177,250	95,751	-	-	-	-	-	-	106,790	-	-	-	9,375	-	1,723,145	-	
NORTHERN BAY OF FUNDY	2,574,220	573,252	1,147,529	-	-	-	-	-	-	33,446	-	-	-	242,525	-	1,592,074	-	
CENTRAL BAY OF FUNDY	823,968	21,349,084	25,721,626	-	-	-	-	-	-	11,457,530	-	-	-	12,890,979	-	10,136,963	-	
EASTERN MASSACHUSETTS	1,864,762	2,666,830	1,300,332	-	-	-	-	-	-	94,441	-	-	-	233,655	-	71,431,313	-	
WESTERN MASSACHUSETTS	1,657,548	3,814,973	4,481,356	-	-	-	-	-	-	26,721	-	-	-	18,440	-	26,801,667	-	
INNER GROUNDS	2,311,925	17,200	77,098	-	-	-	-	-	-	1,713,971	-	-	-	43,018	-	50,380,662	-	
N. GULF OF MAINE, UNCL.	1,537,548	2,770	4,000	-	-	-	-	-	-	1,793,355	-	-	-	15,440	-	27,781,726	-	
WESTERN SIDE SOUTH CHANNEL	2,311,925	19,115	4,000	-	-	-	-	-	-	3,456,951	-	-	-	23,806	-	46,372,574	-	
EASTERN SIDE SOUTH CHANNEL	42,790	3,620	1,200	-	-	-	-	-	-	1,128,655	-	-	-	5,096	-	25,252,487	-	
INNER GROUNDS OF GEORGES	24,340	301	400	-	-	-	-	-	-	3,678,756	-	-	-	14,230	-	17,330,016	-	
SOUTHWEST GEORGES	2,505	644	1,200	-	-	-	-	-	-	1,435,168	-	-	-	5,999,082	-	17,290,668	-	
NANTUCKET SHOALS & LIGHTSHIP	17,695	11,710	1,200	-	-	-	-	-	-	12,853	-	-	-	6,600,210	-	10,181,761	-	
OFF NO MAN'S LAND	321,448	26,435	9,217,336	-	-	-	-	-	-	35	-	-	-	15,020	-	693,182	-	
SOUTHERN MASSACHUSETTS	17,695	11,710	13,500	-	-	-	-	-	-	10,210	-	-	-	5,650,630	-	9,403,946	-	
RHODE ISLAND SHORE	321,448	26,435	9,217,336	-	-	-	-	-	-	2,735	-	-	-	8,781,962	-	37,598,567	-	
S. NEW ENGLAND, UNCL.	11,560,404	42,310,040	40,877,118	-	-	-	-	-	-	162,198	-	-	-	8,781,962	-	94,050,515	-	
CAPE COD	14,754,574	184,366,297	40,974,400	-	-	-	-	-	-	35,410	-	-	-	56,840	-	143,520	-	
TOTAL.....	14,754,574	184,366,297	40,974,400	-	-	-	-	-	-	1,442,115	-	-	-	41,881,372	-	547,609,134	-	
OFF MIDDLE ATLANTIC STATES (AREA XXIII):	11,560,404	42,310,040	40,877,118	-	-	-	-	-	-	13,530,468	-	-	-	40,660,847	-	354,591,197	-	
TOTAL.....	11,560,404	42,310,040	40,877,118	-	-	-	-	-	-	13,530,468	-	-	-	40,660,847	-	354,591,197	-	
GRAND TOTAL.....	14,754,574	184,366,297	40,974,400	-	-	-	-	-	-	1,442,115	-	-	-	41,881,372	-	547,609,134	-	

EXCLUSIVE OF DUPLICATION EXCEPT THAT CRAFT LANDING AT CAPE COD PORTS WERE DUPLICATED WITH CRAFT ELSEWHERE.  
 THE CATCH LANDED AT CAPE COD PORTS CANNOT BE ALLOCATED INTO THE VARIOUS SUBAREAS AND IS LISTED FOR CAPE COD IN THIS TABLE.  
 NOTE:--THE ROMAN NUMERALS APPEARING IN THE ABOVE TABLE REFER TO THE NUMBERS GIVEN THOSE AREAS BY THE NORTH AMERICAN COUNCIL OF FISHERY INVESTIGATIONS.

## SECTION 3 - MIDDLE ATLANTIC FISHERIES

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

The 1951 catch of fish and shellfish in the coastal areas of the Middle Atlantic States (New York, New Jersey, and Delaware) totaled 555,392,000 pounds, valued at \$29,432,400 to the fishermen. This represented an increase of 13 percent in quantity and 2 percent in value compared with the landings of the previous year. Menhaden accounted for 80 percent of the total 1951 landings and 17 percent of the total value. Shellfish landings, principally clams, oysters, crabs, and scallops, comprised only 10 percent of the total poundage, but accounted for 62 percent of the total value. New Jersey, with 241,648,000 pounds, valued at \$10,607,200, had the largest production in the section; followed by Delaware with 175,657,000 pounds, valued at \$3,781,100; and New York, with 138,087,000 pounds, valued at \$15,044,100.

The year 1951 could generally be considered a normal year for the fisheries of the Middle Atlantic Area. However some fishing operations made definite strides forward while others suffered severe setbacks. Among the operations showing marked gains in their production compared with the previous year were the purse seine, pound net, and fish pot fisheries. The purse seine and pound net catch of menhaden was nearly 69 million pounds above the catch during 1950, and field agents of the Fish and Wildlife Service reported the inshore waters and bays to be filled with young-of-the-year fish.

The pound net fishery, which has, because of repeated failures, been rapidly passing from the picture in the Middle Atlantic Area, made a minor comeback during the year. Although no great gains were registered in the production of foodfish, by this gear, menhaden production, especially in Raritan Bay, showed definite signs of returning to its former productivity. There were 223 pound nets operating in the Middle Atlantic Area in 1951, compared with 215 in 1950, and 230 in 1949. It was noted that the pound net fishery, especially in New Jersey, is becoming a full-year operation. Formerly the nets were taken from the water in early fall and reset in the spring. This factor had caused some operators to discontinue operations after losing much gear in the seasonal storms. Fishing throughout the year has done a little toward keeping the production of foodfishes near the poundage taken in former years.

The fish pot fishery, especially in New Jersey, continued to do exceptionally well and contributed considerable quantities of desirable foodfish to neighboring markets. The number of fish pots increased from 20,245 in 1950 to 29,072 during 1951. The number of lobster pots decreased 3,410 during this period. As the Middle Atlantic Area is on the extreme southern end of the northern lobster range, the production of this item has been erratic. Because of this, several of the lobster pot operators switched to the more lucrative fish pot fishery in 1951. The fishing grounds for lobsters and sea bass, the most common fish taken in fish pots, are similar and the conversion of pots from lobster to fish entails only minor revisions at the mouth of the gear.

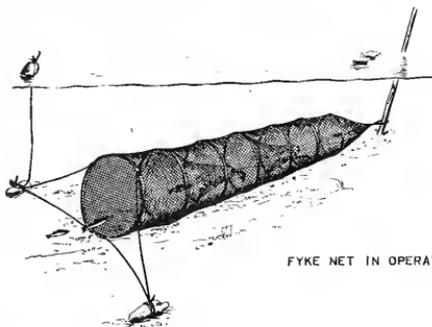
The production of surf clams in the Middle Atlantic Area, continued to increase during the year. The receipts of this item were 38 percent greater during 1951 than in the previous year. The production of oyster meats registered a slight decrease compared with 1950. Autumn storms of the previous year were believed to have been partially responsible for the lowered production. Although the 1951 receipts of oyster meats were over 1 million pounds below the production of the previous year, the value of the meats was approximately \$100,000 greater.

The catch of shad in the Hudson River (764,100 pounds) was the lowest since 1934 when only 438,000 pounds were landed. This fishery, which in 1944 produced nearly 4 million pounds, has shown marked decreases since 1948. Biologists of the Fish and Wildlife Service continued studies of the shad in the Hudson River and tributary streams throughout the year. Extensive tagging operations to determine the ocean movements of this fish were also continued.

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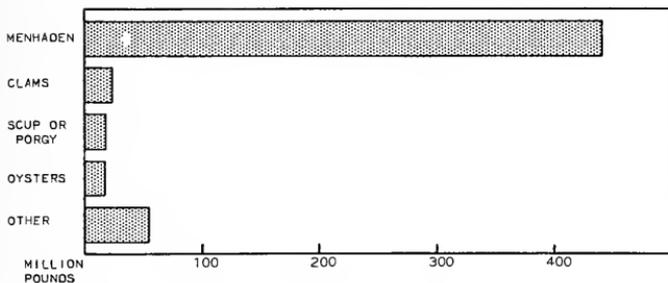
<sup>4</sup> This number was assigned to this area by the North American Council on Fishery Investigations.

Condensed summary data of the operating units and catch by states of the Middle Atlantic Fisheries, appearing on the following pages, have been previously published in Current Fishery Statistics No. 904.

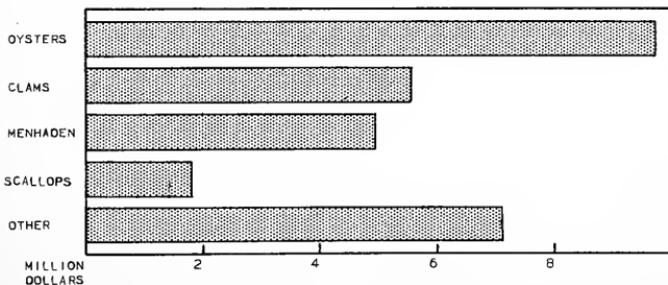


FYKE NET IN OPERATION

## MIDDLE ATLANTIC STATES CATCH, 1951



## VALUE OF MIDDLE ATLANTIC STATES CATCH, 1951



# MIDDLE ATLANTIC FISHERIES

## SECTIONAL SUMMARIES

### SUMMARY OF CATCH, 1951

PRODUCT	NEW YORK		NEW JERSEY	
	POUNDS	VALUE	POUNDS	VALUE
FISH . . . . .	112,726,300	\$4,053,420	221,402,200	\$5,104,316
SHELLFISH, ETC . . . . .	23,360,100	10,990,657	20,246,000	5,502,901
TOTAL . . . . .	138,086,400	15,044,077	241,648,200	10,607,217

PRODUCT	DELAWARE		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE
FISH . . . . .	167,809,900	\$2,089,165	501,938,400	\$11,246,901
SHELLFISH, ETC . . . . .	7,847,300	1,691,897	53,453,400	18,185,455
TOTAL . . . . .	175,657,200	3,781,062	555,391,800	29,432,356

### SUMMARY OF OPERATING UNITS, 1951

ITEM	NEW YORK	NEW JERSEY	DELAWARE	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER
<b>FISHERMEN:</b>				
ON VESSELS . . . . .	1,346	2,124	767	4,074
ON BOATS AND SHORE:				
REGULAR . . . . .	2,759	1,083	95	3,937
CASUAL . . . . .	3,386	1,771	214	5,371
TOTAL . . . . .	7,491	4,978	1,076	13,382
<b>VESSELS:</b>				
STEAM . . . . .	1	-	-	1
NET TONNAGE . . . . .	297	-	-	297
MOTOR . . . . .	262	333	56	623
NET TONNAGE . . . . .	6,859	7,442	2,832	16,374
SAIL . . . . .	-	-	1	1
NET TONNAGE . . . . .	-	-	33	33
TOTAL VESSELS . . . . .	263	333	57	625
TOTAL NET TONNAGE . . . . .	7,156	7,442	2,865	16,704
<b>BOATS:</b>				
MOTOR . . . . .	2,981	1,701	128	4,810
OTHER . . . . .	302	452	149	903
ACCESSORY BOATS . . . . .	48	54	69	168
<b>APPARATUS:</b>				
<b>PURSE SEINES:</b>				
MACKEREL . . . . .	-	1	-	1
LENGTH, YARDS . . . . .	-	300	-	300
MENHADEN . . . . .	9	14	23	45
LENGTH, YARDS . . . . .	3,600	4,697	7,400	15,364
OTHER . . . . .	-	4	-	4
LENGTH, YARDS . . . . .	-	1,600	-	1,600
HAUL SEINES, COMMON . . . . .	-	40	23	211
LENGTH, YARDS . . . . .	107,948	8,200	6,400	122,548
<b>GILL NETS:</b>				
DRIFT . . . . .	113	292	16	427
SQUARE YARDS . . . . .	397,975	1,449,150	32,900	1,880,025
RUNAROUND . . . . .	-	10	2	12
SQUARE YARDS . . . . .	-	36,000	1,800	37,800
STAKE . . . . .	64	176	24	264
SQUARE YARDS . . . . .	40,275	480,620	48,300	569,195
<b>LINES:</b>				
HAND . . . . .	402	177	-	579
HOOKS . . . . .	747	181	-	928
TRAWL OR TROT, WITH HOOKS . . . . .	227	334	-	561
HOOKS . . . . .	80,300	167,000	-	247,300
TROLL . . . . .	-	40	-	40
HOOKS . . . . .	-	40	-	40
TROT WITH BAITS . . . . .	-	51	13	64
BAITS . . . . .	-	25,900	3,900	29,800
POUND NETS . . . . .	144	88	-	223
WEIRS . . . . .	-	41	-	41
STOP NETS . . . . .	-	2	-	2
SQUARE YARDS . . . . .	-	900	-	900
<b>FYKE NETS:</b>				
FISH . . . . .	917	104	63	1,084
TURTLE . . . . .	-	-	35	35

(CONTINUED ON NEXT PAGE)

# MIDDLE ATLANTIC FISHERIES

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## SUMMARY OF OPERATING UNITS, 1951 - Continued

ITEM	NEW YORK	NEW JERSEY	DELAWARE	TOTAL, EXCLUSIVE
	NUMBER	NUMBER	NUMBER	OF DUPLICATION
APPARATUS - CONTINUED:				
DIP NETS, COMMON . . . . .	4	32	12	48
OTTER TRAWLS, FISH . . . . .	178	138	7	313
YARDS AT MOUTH . . . . .	3,197	2,654	135	5,772
BEAM TRAWLS, SHRIMP . . . . .	-	20	-	20
YARDS AT MOUTH . . . . .	-	33	-	33
POTS:				
CRAB . . . . .	-	-	2,490	2,490
EEL . . . . .	605	586	40	1,231
FISH . . . . .	397	28,675	-	29,072
LOBSTER . . . . .	2,485	2,400	-	4,885
HARPOONS . . . . .	2	-	-	2
SPEARS . . . . .	-	4	-	4
DREDGES:				
CLAM . . . . .	46	66	32	144
YARDS AT MOUTH . . . . .	29	77	32	138
CRAB . . . . .	-	32	31	63
YARDS AT MOUTH . . . . .	-	58	61	119
OYSTER, COMMON . . . . .	88	252	53	393
YARDS AT MOUTH . . . . .	127	254	53	434
SCALLOP . . . . .	130	50	-	160
YARDS AT MOUTH . . . . .	365	177	-	470
TONGS:				
OYSTER . . . . .	77	326	60	463
OTHER . . . . .	5,328	1,059	40	6,427
RAKES, OTHER THAN FOR				
OYSTERS . . . . .	197	740	70	1,007
HOES . . . . .	-	112	-	112

## CATCH BY STATES, 1951

SPECIES	NEW YORK		NEW JERSEY	
	POUNDS	VALUE	POUNDS	VALUE
FISH				
ALWIVES . . . . .	74,600	\$1,354	7,200	\$260
AMBERJACK . . . . .	-	-	100	4
ANGLERFISH . . . . .	54,400	3,011	75,800	1,898
BLUEFISH . . . . .	191,100	44,834	1,100,200	247,863
BUTTERFISH . . . . .	1,877,700	200,222	3,779,800	198,382
CARP . . . . .	22,100	1,735	11,500	573
CATFISH AND BULLHEADS . . . . .	71,400	7,282	25,100	2,377
COD . . . . .	1,941,100	258,976	599,700	57,549
CROAKER . . . . .	-	-	50,000	3,343
CUSK . . . . .	-	-	700	32
DRUM:				
BLACK . . . . .	-	-	3,600	180
RED OR REDFISH . . . . .	-	-	100	5
EELS:				
COMMON . . . . .	364,500	66,606	42,900	7,113
CONGER . . . . .	11,100	715	34,600	1,279
FLOUNDERS:				
GRAY SOLE . . . . .	14,400	1,500	9,000	592
LEMON TAIL . . . . .	58,400	14,551	-	-
YELLOWTAIL . . . . .	768,100	94,428	20,800	2,325
BLACKBACK . . . . .	947,100	105,298	40,100	4,208
OAB . . . . .	62,400	4,450	800	40
FLUKE . . . . .	2,635,600	485,597	2,864,500	541,315
UNCLASSIFIED . . . . .	-	-	900	61
FRIGATE MACKEREL . . . . .	-	-	900	30
GRAYFISH . . . . .	58,900	2,890	4,900	161
GRUNTS . . . . .	-	-	2,900	105
HADDOCK . . . . .	809,600	80,372	2,500	154
HAKE:				
RED . . . . .	324,100	15,068	280,100	8,606
WHITE . . . . .	39,700	4,000	153,000	10,538
HALIBUT . . . . .	1,400	375	-	-
HERRING, SEA . . . . .	542,600	10,941	1,672,000	18,062
HICKORY SHAD . . . . .	-	-	300	16
HOGFISH . . . . .	-	-	400	10
KING MACKEREL . . . . .	-	-	100	9
KING WHITING OR "KINGFISH" . . . . .	13,900	1,628	69,900	7,136
MACKEREL . . . . .	150,600	25,070	718,200	87,259
MENHADEN . . . . .	85,433,200	896,743	189,902,600	2,179,652
MULLET . . . . .	-	-	1,500	62

(CONTINUED ON NEXT PAGE)

## MIDDLE ATLANTIC FISHERIES

## CATCH BY STATES, 1951 - Continued

SPECIES	NEW YORK		NEW JERSEY	
	POUNDS	VALUE	POUNDS	VALUE
FISH - CONTINUED				
PILOTFISH	-	-	2,400	\$119
POLLOCK	5,700	\$527	1,100	85
SCUP OR PORGY	9,597,600	820,161	8,799,500	602,482
SEA BASS	2,791,700	454,084	5,657,800	605,596
SEA ROBIN	4,500	132	6,100	130
SEA TROUT OR WEAKFISH, GRAY	152,200	30,522	1,965,000	180,826
SHAD	462,300	70,590	682,500	157,813
SHARKS	3,800	197	25,900	1,503
SKATES	49,600	2,650	26,000	957
SPOT	-	-	126,900	5,228
STRIPED BASS	626,200	159,257	140,300	32,820
STURGEON	7,400	2,068	4,900	941
SUCKERS	5,500	551	700	107
SUNFISH	1,200	100	-	-
SWELLFISH	612,100	50,163	53,500	4,741
SWORDFISH	2,100	1,155	32,500	1,550
TAUTOG	7,500	392	18,200	1,262
THIMBLE-EYED MACKEREL	-	-	96,200	7,230
TILEFISH	447,400	39,321	-	-
TUNA AND TUNALIKE FISHES:				
BLUEFIN	2,800	550	18,600	979
BONITO	500	72	12,400	1,516
LITTLE	6,600	602	349,600	6,949
TOTAL TUNA AND TUNALIKE FISHES	11,900	1,224	380,600	9,444
WHITE PERCH	11,000	1,466	134,100	24,526
WHITING	683,900	49,161	897,200	48,713
WOLFFISH	3,700	250	-	-
YELLOW PERCH	1,800	209	-	-
UNCLASSIFIED:				
FOR FOOD	434,200	38,894	632,400	34,625
OTHER	135,000	2,700	241,900	2,419
TOTAL FISH	112,726,300	4,053,420	221,402,200	5,104,316
SHELLFISH, ETC.				
CRABS, BLUE:				
HARD	7,000	2,240	1,045,500	142,187
SOFT AND PEELERS	-	-	10,100	3,197
TOTAL CRABS	7,000	2,240	1,055,600	145,384
HORSESHOE CRABS	-	-	615,700	3,695
LOBSTERS, NORTHERN	192,800	84,580	215,900	72,046
SHRIMP	-	-	86,500	47,575
CLAMS:				
HARD, PUBLIC	6,855,000	2,427,818	4,285,000	1,641,088
HARD, PRIVATE	217,200	90,500	86,200	19,902
SOFT, PUBLIC	39,100	17,136	376,000	146,640
SURF	4,046,100	421,474	6,419,400	622,033
TOTAL CLAMS	11,157,400	2,956,928	11,167,600	2,429,663
CONCHS	50,000	11,250	32,500	4,000
MUSSELS, SEA	37,600	7,509	-	-
OYSTERS, MARKET:				
PUBLIC, SPRING	21,600	14,365	32,700	13,052
PUBLIC, FALL	22,500	15,000	33,600	13,542
PRIVATE, SPRING	4,378,000	2,918,500	2,858,800	1,192,671
PRIVATE, FALL	4,961,000	3,307,305	2,836,200	1,186,416
TOTAL OYSTERS	9,383,100	6,255,270	5,761,300	2,405,681
SCALLOPS:				
BAY	101,100	121,356	-	-
SEA	3,378,100	1,452,592	880,800	372,135
SQUID	1,053,000	98,932	428,100	22,510
TURTLES, SNAPPER	-	-	2,000	212
TOTAL SHELLFISH, ETC.	25,360,100	10,990,657	20,246,000	5,502,907
GRAND TOTAL	138,086,400	15,044,077	241,648,200	10,607,211

(CONTINUED ON NEXT PAGE)

# MIDDLE ATLANTIC FISHERIES

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## CATCH BY STATES, 1951 - Continued

SPECIES	DELAWARE		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE
FISH				
ALEWIVES . . . . .	37,000	\$1,378	118,800	\$2,992
AMBERJACK . . . . .	-	-	100	4
ANGLER FISH . . . . .	-	-	130,200	4,909
BLUEFISH . . . . .	4,700	540	1,296,000	293,237
BUTTERFISH . . . . .	21,600	1,290	5,679,100	399,894
CARP . . . . .	43,900	4,180	77,900	6,468
CATFISH AND BULLHEADS . . . . .	9,300	641	105,800	10,300
COD . . . . .	-	-	2,540,800	316,525
CROAKER . . . . .	4,900	783	54,900	4,126
CUSK . . . . .	-	-	700	32
DRUM:				
BLACK . . . . .	-	-	3,600	180
RED OR REDFISH . . . . .	-	-	100	5
EELS:				
COMMON . . . . .	5,200	1,045	412,600	74,764
CONGER . . . . .	-	-	45,700	1,994
FLOUNDERS:				
GRAY SOLE . . . . .	-	-	23,400	2,092
LEMON SOLE . . . . .	-	-	58,400	14,551
YELLOWTAIL . . . . .	-	-	788,900	96,753
BLACKBACK . . . . .	18,100	1,529	1,005,300	111,035
DAB . . . . .	-	-	63,200	4,490
FLUKE . . . . .	19,800	3,120	5,519,900	1,030,032
UNCLASSIFIED . . . . .	-	-	900	61
FRIGATE MACKEREL . . . . .	-	-	900	30
GRAYFISH . . . . .	-	-	63,700	3,051
GRUNTS . . . . .	-	-	2,900	105
HADDOCK . . . . .	-	-	812,100	80,526
HAKE:				
RED . . . . .	-	-	604,200	23,674
WHITE . . . . .	-	-	192,700	14,538
HALIBUT . . . . .	-	-	1,400	375
HERRING, SEA . . . . .	-	-	2,214,600	29,003
HICKORY SHAD . . . . .	-	-	300	16
HOGFISH . . . . .	-	-	400	10
KING MACKEREL . . . . .	16,700	1,267	15,800	1,276
KING WHITING OR "KINGFISH" MACKEREL . . . . .	-	-	83,800	8,764
MENHADEN . . . . .	166,483,700	1,911,375	868,800	112,329
MULLET . . . . .	29,100	1,164	441,824,500	4,987,770
PILOTFISH . . . . .	-	-	30,600	1,226
POLLOCK . . . . .	-	-	2,400	119
SCUP OR PORGY . . . . .	22,300	1,240	6,800	612
SEA BASS . . . . .	-	-	18,419,400	1,423,883
SEA ROBIN . . . . .	-	-	8,449,500	1,059,680
SEA TROUT OR WEAFFISH, GRAY SHAD . . . . .	666,200	71,839	10,600	262
SHARKS . . . . .	109,600	24,500	2,783,400	283,187
SKATES . . . . .	-	-	1,234,400	252,903
SPOT . . . . .	-	-	29,700	1,700
STRIPED BASS . . . . .	17,700	1,517	75,600	3,607
STURGEON . . . . .	214,800	52,712	144,600	6,745
SUCKERS . . . . .	-	-	981,300	244,789
SUNFISH . . . . .	-	-	12,200	3,009
SWELLFISH . . . . .	-	-	6,200	658
SWORDFISH . . . . .	-	-	1,200	100
TAUTOG . . . . .	-	-	865,600	54,904
THIMBLE-EYED MACKEREL . . . . .	-	-	2,100	1,155
TILEFISH . . . . .	-	-	40,000	1,942
	-	-	18,200	1,262
	-	-	543,600	46,551
TUNA AND TUNALIKE FISHES:				
BLUEFIN . . . . .	-	-	21,400	1,529
BONITO . . . . .	-	-	12,900	1,588
LITTLE . . . . .	-	-	358,200	7,551
TOTAL TUNA AND TUNALIKE FISHES . . . . .	-	-	392,500	10,668
WHITE PERCH . . . . .	74,100	8,710	219,200	34,702
WHITING . . . . .	-	-	1,581,100	97,874
WOLFFISH . . . . .	-	-	3,700	250
YELLOW PERCH . . . . .	-	-	1,800	209
UNCLASSIFIED:				
FOR FOOD . . . . .	6,200	335	1,072,800	73,854
OTHER . . . . .	-	-	376,900	5,119
TOTAL FISH . . . . .	167,809,900	2,089,165	501,938,400	11,246,901
SHELLFISH, ETC.				
CRABS, BLUE:				
HARD . . . . .	4,646,000	328,710	5,698,500	473,137
SOFT AND PEELERS . . . . .	6,500	2,008	16,600	5,205
TOTAL CRABS . . . . .	4,652,500	330,718	5,715,100	478,342

(CONTINUED ON NEXT PAGE)

## MIDDLE ATLANTIC FISHERIES

## CATCH BY STATES, 1951 - Continued

SPECIES	DELAWARE		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE
SHELLFISH, ETC. - CONTINUED				
HORSESHOE CRABS . . . . .	-	-	615,700	\$3,695
LOBSTERS, NORTHERN. . . . .	-	-	408,600	156,626
SHRIMP . . . . .	-	-	86,500	47,575
CLAMS:				
HARD, PUBLIC. . . . .	912,200	\$312,030	12,053,200	4,380,936
HARD, PRIVATE . . . . .	-	-	303,400	110,402
SOFT, PUBLIC. . . . .	-	-	415,100	163,776
SURF. . . . .	-	-	10,465,500	1,043,507
TOTAL CLAMS. . . . .	912,200	312,030	23,237,200	5,698,621
CONCHS. . . . .				
MUSSELS, SEA. . . . .	-	-	82,600	15,250
OYSTERS, MARKET:				
PUBLIC, SPRING. . . . .	-	-	54,300	27,417
PUBLIC, FALL. . . . .	-	-	56,100	28,542
PRIVATE, SPRING. . . . .	1,157,000	533,860	8,393,800	4,645,131
PRIVATE, FALL. . . . .	1,109,000	513,800	8,906,200	5,007,521
TOTAL OYSTERS. . . . .	2,266,000	1,047,660	17,410,400	9,708,611
SCALLOPS:				
BAY . . . . .	-	-	101,100	121,356
SEA . . . . .	-	-	4,258,900	1,824,727
SQUID . . . . .	10,100	707	1,491,200	122,149
TURTLES, SNAPPER. . . . .	6,500	782	8,500	994
TOTAL SHELLFISH, ETC. . . . .	7,847,300	1,691,897	53,453,400	18,185,455
GRAND TOTAL. . . . .	175,657,200	3,781,062	555,391,800	29,432,356

## AVERAGE WEIGHTS OF CERTAIN SHELLFISH, 1951

ITEM		NEW YORK	NEW JERSEY	DELAWARE
		QUANTITY	QUANTITY	QUANTITY
CRABS, BLUE:				
HARD . . . . .	NUMBER PER POUND	4.00	3.00	3.00
SOFT AND PEELERS . . . . .	DO	-	4.00	4.00
HORSESHOE CRABS. . . . .	POUNDS PER DOZEN	-	36.00	-
CLAMS:				
HARD, PUBLIC. . . . .	LBS. MEATS PER U.S. BUSHEL	12.00	9.00	9.00
HARD, PRIVATE. . . . .	DO	12.00	9.00	-
SOFT, PUBLIC. . . . .	DO	16.00	20.00	-
SURF. . . . .	DO	12.00	14.00	-
CONCHS. . . . .	DO	15.00	14.00	-
MUSSELS, SEA. . . . .	DO	10.00	-	-
OYSTERS, MARKET:				
PUBLIC, SPRING . . . . .	DO	7.50	6.00	-
PUBLIC, FALL . . . . .	DO	7.50	6.00	-
PRIVATE, SPRING. . . . .	DO	7.50	6.00	6.00
PRIVATE, FALL. . . . .	DO	7.50	6.00	6.00
SCALLOPS:				
BAY. . . . .	DO	5.00	-	-
SEA. . . . .	DO	6.00	6.00	-

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

# MIDDLE ATLANTIC FISHERIES

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## CATCH OF CERTAIN SHELLFISH, 1951

(IN NUMBERS AND BUSHELS)

ITEM	NUMBER	NEW YORK		NEW JERSEY	
		QUANTITY	VALUE	QUANTITY	VALUE
CRABS, BLUE:					
HARD . . . . .	00	28,000	\$2,240	3,136,500	\$142,187
SOFT AND PEELERS . . . . .	00	-	-	40,400	3,197
HORSESHOE CRABS . . . . .	00	-	-	205,236	3,695
CLAMS:	U.S. STAND- ARO BUSHEL				
HARD, PUBLIC . . . . .	00	571,250	2,427,818	476,222	1,641,088
HARD, PRIVATE . . . . .	00	18,100	90,500	9,578	19,902
SOFT, PUBLIC . . . . .	00	2,444	17,136	18,800	146,640
SURF . . . . .	00	337,175	421,474	458,529	622,033
CONCHS . . . . .	00	3,333	11,250	2,329	4,000
MUSSELS, SEA . . . . .	00	3,760	7,509	-	-
OYSTERS, MARKET:					
PUBLIC, SPRING . . . . .	00	2,880	14,365	5,450	13,052
PUBLIC, FALL . . . . .	00	3,000	15,000	5,600	13,542
PRIVATE, SPRING . . . . .	00	583,733	2,918,600	476,467	1,192,671
PRIVATE, FALL . . . . .	00	661,467	3,307,305	472,700	1,186,416
SCALLOPS:					
BAY . . . . .	00	20,220	121,356	-	-
SEA . . . . .	00	563,017	1,452,592	146,800	372,135
ITEM		DELAWARE		TOTAL	
CRABS, BLUE:	NUMBER	QUANTITY	VALUE	QUANTITY	VALUE
HARD . . . . .	00	13,938,000	\$328,710	17,102,500	\$473,137
SOFT AND PEELERS . . . . .	00	26,000	2,008	66,400	5,205
HORSESHOE CRABS . . . . .	00	-	-	205,236	3,695
CLAMS:	U.S. STAND- ARO BUSHEL				
HARD, PUBLIC . . . . .	00	101,356	312,030	1,148,828	4,380,936
HARD, PRIVATE . . . . .	00	-	-	27,678	110,402
SOFT, PUBLIC . . . . .	00	-	-	21,244	163,776
SURF . . . . .	00	-	-	795,704	1,043,507
CONCHS . . . . .	00	-	-	5,662	15,250
MUSSELS, SEA . . . . .	00	-	-	3,760	7,509
OYSTERS, MARKET:					
PUBLIC, SPRING . . . . .	00	-	-	8,330	27,417
PUBLIC, FALL . . . . .	00	-	-	8,600	28,542
PRIVATE, SPRING . . . . .	00	192,833	533,860	1,253,033	4,645,131
PRIVATE, FALL . . . . .	00	184,833	513,800	1,319,000	5,007,521
SCALLOPS:					
BAY . . . . .	00	-	-	20,220	121,356
SEA . . . . .	00	-	-	709,817	1,824,727

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

## MANUFACTURED FISHERY PRODUCTS - VARIOUS YEARS

ITEM	YEAR	UNIT	NEW YORK		NEW JERSEY, PENNSYLVANIA AND DELAWARE	
			QUANTITY	VALUE	QUANTITY	VALUE
BY MANUFACTURING ESTABLISHMENTS:						
BUTTERFLISH, SMOKED . . . . .	1950	POUNDS	293,500	\$143,250	37,400	\$23,925
CARP, SMOKED . . . . .	1950	00	100,500	50,250	-	-
CHUBBS, SMOKED . . . . .	1950	00	1,442,500	691,250	530,600	317,400
CISCO, SMOKED . . . . .	1950	00	174,500	113,425	-	-
COD, FILLETS, FRESH AND FROZEN	1951	00	2,605,800	890,629	345,700	122,860
EELS, COMMON, SMOKED . . . . .	1950	00	308,000	124,000	14,400	5,940
FLOUNDER FILLETS, FRESH AND FROZEN . . . . .	1951	00	3,328,850	1,799,454	133,800	70,369
HADDOCK FILLETS, FRESH . . . . .	1951	00	1,246,500	459,809	(2)	(2)
HAKE FILLETS, FRESH . . . . .	1951	00	35,000	8,550	-	-
LAKE TROUT, SMOKED . . . . .	1950	00	143,400	102,880	68,500	55,075
HACKEREL:						
FRESH AND FROZEN FILLETS . . . . .	1951	00	120,000	42,000	(2)	(2)
SMOKED, WHOLE . . . . .	1950	00	77,000	24,300	95,800	37,950

(CONTINUED ON NEXT PAGE)

## MIDDLE ATLANTIC FISHERIES

## MANUFACTURED FISHERY PRODUCTS - VARIOUS YEARS - Continued

ITEM	YEAR	UNIT	NEW YORK		NEW JERSEY, PENNSYLVANIA, AND DELAWARE	
			QUANTITY	VALUE	QUANTITY	VALUE
BY MANUFACTURING ESTABLISHMENTS - CONTINUED						
MENHADEN:						
DRY SCRAP AND MEAL . . . . .	1951		(2)	(2)	36,532	\$4,442,127
OIL . . . . .	1951	TONS GALLONS	(2)	(2)	3,990,029	3,007,162
POLLOCK FILLETS, FRESH AND FROZEN . . . . .	1951	POUNDS	221,000	\$54,800	(2)	(2)
SALMON, SHOKED . . . . .	1950	DO	2,460,000	1,305,000	326,000	195,600
SALMON:						
SMOKED . . . . .	1950	DO	7,189,592	5,908,940	925,000	697,300
KIPPERED . . . . .	1950	DO	376,000	282,250	323,000	274,550
CAVIAR (SALMON ROE), CANNED	1951	STANDARD CASES	2,548	67,955	-	-
STURGEON, SHOKED . . . . .	1950	POUNDS	520,800	442,680	(2)	(2)
WHITEFISH:						
CAVIAR (WHITEFISH ROE), CANNED . . . . .	1951	STANDARD CASES	943	40,377	-	-
SMOKED . . . . .	1950	POUNDS	1,770,500	1,177,825	591,700	413,100
SHRIMP, FROZEN . . . . .	1950	DO	-	-	66,360	39,995
CLAMS, HARD AND SURF:						
CANNED:						
WHOLE AND MINCED . . . . .	1951	STANDARD CASES	80,510	753,431	(2)	(2)
CHOWDER, JUICE AND BROTH . . . . .	1951	DO	30,031	123,631	(2)	(2)
MUSSEL AND MARINE PEARL-SHELL BUTTONS:						
OYSTERS:						
SHUCKED, FRESH AND FROZEN . . . . .	1950	GALLONS	268,836	1,644,250	1,700,333	2,741,413
SHELL PRODUCTS:						
POULTRY GRIT . . . . .	1951	TONS	-	-	6,337	100,367
LIME, UNBURNED . . . . .	1951	DO	-	-	1,686	6,027
UNCLASSIFIED PRODUCTS:						
PACKAGED FISH, FRESH AND FROZEN . . . . .	1951	POUNDS	-	-	3/410,700	3/156,448
CANNED FISH AND SHELLFISH . . . . .	1951	STANDARD CASES	4/13,309	4/566,266	5/931,606	5/7,015,562
SMOKED FISH . . . . .	1950	POUNDS	5/70,000	6/22,000	7/412,800	7/161,970
MISCELLANEOUS PRODUCTS						
AND BYPRODUCTS . . . . .	1950	-	-	8/441,500	-	9/215,560
MISCELLANEOUS BYPRODUCTS . . . . .	1951	-	-	10/2,730,097	-	11/288,491
TOTAL				21,770,599	-	27,179,921

1/ DATA ON THE PRODUCTION OF THE VARIOUS PRODUCTS ARE FOR THE YEARS INDICATED. 2/ INCLUDED UNDER "UNCLASSIFIED" PRODUCTS. 3/ INCLUDES FRESH FILLETS OF BLUEFISH, HADDOCK, MACKEREL, POLLOCK, TILFISH, AND UNCLASSIFIED SPECIES; AND FROZEN FILLETS OF HADDOCK, KING MACKEREL, MACKEREL, POLLOCK, WHITE PERCH, AND UNCLASSIFIED SPECIES. 4/ INCLUDES CANNED ITEMS OF ANCHOVY PASTE; HERRING AND SALMON SALAD SOUP; CRAB BISQUE, CREOLE, CURRY, AND NEWBURG; LOBSTER BISQUE, NEWBURG, THERMIDOR, STEW, AND WITH MUSHROOM SOUP; SHRIMP ASPIC, BISQUE, CREOLE, NEWBURG, AND WIT' RICE; OYSTER BISQUE; TERRAPIN AND TURTLE MEAT, SOUP, AND STEW; SEAFOOD NEWBURG; BOUILLABAISSE; FROG LEGS NEWBURG; SCALLOPS IN MUSHROOM SOUP; AND STURGEON CAVIAR. 5/ INCLUDES CANNED ITEMS OF MINCED SURF CLAMS; HARD AND SURF CLAM CHOWDER; AND CONCHS. 6/ INCLUDES SMOKED SEA HERRING, SHAD, AND SPOONBILL CAT. 7/ INCLUDES SMOKED BLUEFISH, SEA HERRING, PADOLEFISH, STURGEON, WHITING, AND UNCLASSIFIED SPECIES. 8/ INCLUDES FRESH-SHUCKED SURF CLAMS; AND SALTED HERRING AND SALMON IN WINE SAUCE. 9/ INCLUDES FRESH-SHUCKED SURF CLAMS, SALTED SEA HERRING IN WINE SAUCE, AND SALTED SHARK LEATHER. 10/ INCLUDES MENHADEN OIL; LIVER OIL OF HAKE, POLLOCK, SHARK, TUNA, WHALE, AND UNCLASSIFIED SPECIES; MEAL AND DRY SCRAP OF MENHADEN AND UNCLASSIFIED SPECIES; CONDENSED FISH SOUBLES; AND MUSSEL-SHELL LIME AND DUST. 11/ INCLUDES COD LIVER OIL, MEAL AND DRY SCRAP OF HORSESHOE CRAB AND UNCLASSIFIED SPECIES; AND FISH SOUBLES. NOTE:--SOME OF THE ABOVE PRODUCTS MAY HAVE BEEN MANUFACTURED FROM RAW PRODUCTS IMPORTED FROM ANOTHER STATE OR A FOREIGN COUNTRY; THEREFORE, THEY CANNOT BE CORRELATED DIRECTLY WITH THE CATCH WITHIN THE STATE.

## SUMMARY OF PRODUCTION, BY STATES

STATE	VALUE
NEW YORK . . . . .	\$21,770,599
NEW JERSEY . . . . .	18,565,263
PENNSYLVANIA . . . . .	3,317,434
DELAWARE . . . . .	5,297,224
TOTAL . . . . .	48,950,510

## SUMMARY OF PRODUCTION, BY COMMODITIES

SUMMARY OF ITEMS	YEAR	UNIT	QUANTITY	VALUE
PACKAGED FISH . . . . .	1951	POUNDS	8,447,350	\$3,604,919
CANNED FISH AND SHELLFISH . . . . .	1951	STANDARD CASES	1,058,947	8,567,222
BYPRODUCTS . . . . .	1951	-	-	15,075,474
PACKAGED SHELLFISH . . . . .	1950	POUNDS	15,287,956	8,942,535
SALTED, DRIED, AND PICKLED . . . . .	1950	DO	341,875	189,500
SHOKED AND KIPPERED . . . . .	1950	DO	18,251,592	12,570,860
TOTAL . . . . .			-	48,950,510

# MIDDLE ATLANTIC FISHERIES NEW YORK

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## OPERATING UNITS BY GEAR, 1951

ITEM	PURSE SEINES, MENHADEN	HAUL SEINES, COMMON	GILL NETS		LINES		POUND NETS
			DRIFT	STAKE	HAND	TRAWL OR TROT, WITH HOOKS	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS . . . . .	251	15	5	-	7	19	34
ON BOATS AND SHORE:							
REGULAR . . . . .	-	244	31	12	146	45	76
CASUAL . . . . .	-	168	188	88	249	58	50
TOTAL . . . . .	251	427	224	100	402	122	160
VESSELS, MOTOR . . . . .	9	5	2	-	3	3	14
NET TONNAGE . . . . .	1,155	32	26	-	23	88	115
BOATS:							
MOTOR . . . . .	-	143	108	50	197	57	41
OTHER . . . . .	-	-	-	-	20	4	-
ACCESSORY BOATS . . . . .	27	5	-	-	-	14	-
APPARATUS:							
NUMBER . . . . .	9	148	119	64	402	227	144
LENGTH, YARDS . . . . .	3,600	107,948	-	-	-	-	-
SQUARE YARDS . . . . .	-	-	397,975	40,275	-	-	-
HOOKS . . . . .	-	-	-	-	747	80,300	-

ITEM	FYKE NETS, FISH	DIP NETS, COMMON	OTTER TRAWLS, FISH	POTS			HARPOONS
				EEL	FISH	LOBSTER	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS . . . . .	2	-	582	-	-	4	5
ON BOATS AND SHORE:							
REGULAR . . . . .	27	-	62	16	5	31	-
CASUAL . . . . .	45	4	46	20	3	73	-
TOTAL . . . . .	74	4	690	36	8	108	5
VESSELS, MOTOR . . . . .	1	-	131	-	-	2	2
NET TONNAGE . . . . .	5	-	3,497	-	-	17	17
BOATS:							
MOTOR . . . . .	45	2	47	18	4	51	-
OTHER . . . . .	1	-	-	1	-	-	-
ACCESSORY BOATS . . . . .	-	-	-	-	-	-	2
APPARATUS:							
NUMBER . . . . .	917	4	178	605	397	2,485	2
YARDS AT MOUTH . . . . .	-	-	3,197	-	-	-	-

ITEM	DREGES			TONGS		RAKES, OTHER THAN FOR OYSTERS	TOTAL, EXCLUSIVE OF DUPLICATION
	CLAM	OYSTER, COMMON	SCALLOP	OYSTER	OTHER		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS . . . . .	71	193	313	-	20	-	1,346
ON BOATS AND SHORE:							
REGULAR . . . . .	20	8	30	27	2,540	118	2,759
CASUAL . . . . .	6	-	12	50	2,768	79	3,386
TOTAL . . . . .	97	201	355	77	5,328	197	7,491
VESSELS:							
MOTOR . . . . .	33	38	45	-	13	-	262
NET TONNAGE . . . . .	331	848	1,554	-	90	-	6,859
STEAM . . . . .	-	1	-	-	-	-	1
NET TONNAGE . . . . .	-	297	-	-	-	-	297
TOTAL VESSELS . . . . .	33	39	45	-	13	-	263
TOTAL NET TONNAGE . . . . .	331	1,145	1,554	-	90	-	7,156
BOATS:							
MOTOR . . . . .	13	4	20	35	2,580	79	2,981
OTHER . . . . .	-	-	-	7	280	20	302
ACCESSORY BOATS . . . . .	-	-	-	-	-	-	48
APPARATUS:							
NUMBER . . . . .	46	88	130	77	5,328	197	-
YARDS AT MOUTH . . . . .	29	127	365	-	-	-	-

## MIDDLE ATLANTIC FISHERIES

## NEW YORK - CATCH BY GEAR, 1951

SPECIES	PURSE SEINES		HAUL SEINES		GILL NETS	
					DRIFT	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES. . . . .	-	-	2,300	\$42	3,300	\$55
BLUEFISH. . . . .	-	-	6,400	1,631	9,900	2,476
BUTTERFISH. . . . .	-	-	200	20	-	-
CARP. . . . .	-	-	16,100	1,199	1,300	110
CATFISH AND BULLHEADS. . . . .	-	-	400	40	400	34
EELS, COMMON. . . . .	-	-	32,600	6,300	-	-
FLOUNDERS:						
BLACKBACK. . . . .	-	-	23,500	2,341	-	-
FLUKE. . . . .	-	-	1,500	300	-	-
HAKE, RED. . . . .	-	-	1,000	35	-	-
KING WHITING OR "KINGFISH". . . . .	-	-	2,500	368	-	-
MACKEREL. . . . .	-	-	500	82	4,500	629
MENHADEN. . . . .	82,845,500	\$869,878	-	-	-	-
SCUP OR PORGY. . . . .	-	-	656,600	62,810	-	-
SEA TROUT OR WEAKFISH, GRAY. . . . .	-	-	76,700	15,609	6,500	1,265
SHAD. . . . .	-	-	7,400	1,078	282,400	43,068
SKATES. . . . .	-	-	1,000	40	-	-
STRIPED BASS. . . . .	-	-	566,400	143,502	500	128
STURGEON. . . . .	-	-	300	100	1,900	554
SUCKERS. . . . .	-	-	800	42	400	95
SUNFISH. . . . .	-	-	200	20	-	-
SWELLFISH. . . . .	-	-	91,900	5,131	-	-
WHITE PERCH. . . . .	-	-	-	-	2,600	340
YELLOW PERCH. . . . .	-	-	-	-	200	40
UNCLASSIFIED, FOR FOOD. . . . .	-	-	56,200	5,160	-	-
TOTAL. . . . .	82,845,500	869,878	1,544,500	245,850	313,900	48,794

SPECIES	GILL NETS-CONTINUED		LINES			
	STAKE		HAND		TRAWL OR TROT, WITH HOOKS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES. . . . .	1,000	\$25	-	-	200	\$4
BLUEFISH. . . . .	-	-	60,100	\$12,910	-	-
CARP. . . . .	100	8	-	-	400	27
CATFISH AND BULLHEADS. . . . .	2,400	248	-	-	15,300	1,531
COD. . . . .	-	-	50,000	5,407	865,000	127,990
EELS, COMMON. . . . .	-	-	-	-	900	143
MACKEREL. . . . .	-	-	95,000	14,889	-	-
SEA BASS. . . . .	-	-	65,000	12,910	-	-
SHAD. . . . .	123,600	18,529	-	-	-	-
STRIPED BASS. . . . .	13,400	3,613	35,000	9,000	-	-
STURGEON. . . . .	400	100	-	-	-	-
SUCKERS. . . . .	100	10	-	-	-	-
TILEFISH. . . . .	-	-	-	-	68,300	6,271
WHITE PERCH. . . . .	600	70	-	-	-	-
YELLOW PERCH. . . . .	400	39	-	-	-	-
UNCLASSIFIED, FOR FOOD. . . . .	-	-	30,000	2,746	-	-
TOTAL. . . . .	142,000	22,642	335,100	57,862	950,100	135,966

SPECIES	POUND NETS		FYKE NETS		DIP NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES. . . . .	-	-	59,900	\$1,138	-	-
ANGLERFISH. . . . .	11,500	\$800	-	-	-	-
BLUEFISH. . . . .	94,600	23,700	-	-	-	-
BUTTERFISH. . . . .	349,100	51,000	-	-	-	-
CARP. . . . .	-	-	4,200	391	-	-
CATFISH AND BULLHEADS. . . . .	-	-	52,900	5,429	-	-
COD. . . . .	2,400	350	-	-	-	-
EELS, COMMON. . . . .	83,300	16,500	600	135	-	-
FLOUNDERS:						
BLACKBACK. . . . .	36,800	3,737	168,000	17,657	-	-
FLUKE. . . . .	38,000	7,600	-	-	-	-
GRAYFISH. . . . .	9,600	450	-	-	-	-
HAKE, RED. . . . .	2,900	120	-	-	-	-
HERRING, SEA. . . . .	495,000	10,000	-	-	-	-
KING WHITING OR "KINGFISH". . . . .	2,000	300	-	-	-	-
MACKEREL. . . . .	45,600	8,820	-	-	-	-

(CONTINUED ON NEXT PAGE)

## NEW YORK - CATCH BY GEAR, 1951 - Continued

SPECIES	POUND NETS		FYKE NETS		DIP NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
HENHADEN . . . . .	2,587,700	\$26,865	-	-	-	-
POLLOCK . . . . .	100	7	-	-	-	-
SCUP DR PORGY . . . . .	107,400	10,500	-	-	-	-
SEA BASS . . . . .	33,300	5,209	-	-	-	-
SEA ROBIN . . . . .	100	2	-	-	-	-
SEA TROUT DR WEAKFISH, GRAY	36,700	7,518	-	-	-	-
SHAD . . . . .	48,400	7,835	-	-	-	-
SHARKS . . . . .	1,400	85	-	-	-	-
SKATES . . . . .	14,200	850	-	-	-	-
STRIPED BASS . . . . .	9,200	2,608	-	-	-	-
STURGEON . . . . .	900	250	-	-	-	-
SUCKERS . . . . .	-	-	4,200	\$404	-	-
SUNFISH . . . . .	-	-	1,000	80	-	-
SWELLFISH . . . . .	572,500	36,025	-	-	-	-
TAUTOG . . . . .	1,300	75	-	-	-	-
TUNA AND TUNALIKE FISHES:						
BLUEFIN . . . . .	2,800	550	-	-	-	-
BONITO . . . . .	500	72	-	-	-	-
LITTLE . . . . .	8,600	602	-	-	-	-
WHITE PERCH . . . . .	4,500	700	3,300	356	-	-
WHITING . . . . .	36,200	2,440	-	-	-	-
YELLOW PERCH . . . . .	-	-	1,200	130	-	-
UNCLASSIFIED:						
FOR FOOD . . . . .	23,500	2,076	-	-	-	-
OTHER . . . . .	135,000	2,700	-	-	-	-
CRABS, BLUE, HARD . . . . .	-	-	-	-	7,000	\$2,240
SQUID . . . . .	111,300	7,791	-	-	-	-
TOTAL . . . . .	4,906,400	238,137	295,300	25,720	7,000	2,240

SPECIES	OTTER TRAWLS		POTS		HARPOONS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES . . . . .	7,900	\$90	-	-	-	-
ANGLERFISH . . . . .	42,900	2,211	-	-	-	-
BLUEFISH . . . . .	20,100	4,117	-	-	-	-
BUTTERFISH . . . . .	1,528,400	149,202	-	-	-	-
COD . . . . .	1,023,700	125,229	-	-	-	-
EELS:						
COMMON . . . . .	-	-	247,100	\$43,528	-	-
CONGER . . . . .	11,100	715	-	-	-	-
FLOUNDERS:						
GRAY SOLE . . . . .	14,400	1,500	-	-	-	-
LEMON SOLE . . . . .	58,400	14,551	-	-	-	-
YELLOWTAIL . . . . .	768,100	94,428	-	-	-	-
BLACKBACK . . . . .	718,800	81,563	-	-	-	-
DAB . . . . .	62,400	4,450	-	-	-	-
FLUKE . . . . .	2,596,100	477,697	-	-	-	-
GRAYFISH . . . . .	49,300	2,440	-	-	-	-
HADDOCK . . . . .	809,600	80,372	-	-	-	-
HAKE:						
RED . . . . .	320,200	14,913	-	-	-	-
WHITE . . . . .	39,700	4,000	-	-	-	-
HALIBUT . . . . .	1,400	375	-	-	-	-
HERRING, SEA . . . . .	47,600	941	-	-	-	-
KING WHITING OR "KINGFISH"	9,400	960	-	-	-	-
MACKEREL . . . . .	5,000	650	-	-	-	-
POLLOCK . . . . .	5,600	520	-	-	-	-
SCUP DR PORGY . . . . .	8,833,600	746,851	-	-	-	-
SEA BASS . . . . .	2,645,400	426,448	48,000	9,517	-	-
SEA ROBIN . . . . .	4,400	130	-	-	-	-
SEA TROUT DR WEAKFISH, GRAY	32,300	6,130	-	-	-	-
SHAD . . . . .	500	80	-	-	-	-
SHARKS . . . . .	2,400	112	-	-	-	-
SKATES . . . . .	34,400	1,760	-	-	-	-
STRIPED BASS . . . . .	1,700	406	-	-	-	-
STURGEON . . . . .	3,900	1,064	-	-	-	-
SWELLFISH . . . . .	14,000	875	133,700	8,132	-	-
SWORDFISH . . . . .	-	-	-	-	2,100	\$1,155
TAUTOG . . . . .	6,200	317	-	-	-	-
TILEFISH . . . . .	379,100	33,050	-	-	-	-
WHITING . . . . .	64,700	46,721	-	-	-	-
WOLFFISH . . . . .	3,700	250	-	-	-	-
UNCLASSIFIED, FOR FOOD . . . . .	324,500	28,912	-	-	-	-
LDESTERS, NORTHERN . . . . .	65,300	21,330	127,500	63,250	-	-
CONCHS . . . . .	-	-	50,000	11,250	-	-
SCALLOPS, SEA . . . . .	600	173	-	-	-	-
SQUID . . . . .	941,700	91,141	-	-	-	-
TOTAL . . . . .	22,081,500	2,466,674	606,300	135,677	2,100	1,155

(CONTINUED ON NEXT PAGE)

## MIDDLE ATLANTIC FISHERIES

## NEW YORK - CATCH BY GEAR, 1951 - Continued

SPECIES	DREGES		TONGS		RAKES	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CLAMS:						
HARD, PUBLIC. . . . .	-	-	6,955,000	\$2,427,818	-	-
HARD, PRIVATE . . . . .	-	-	217,200	90,500	-	-
SOFT, PUBLIC. . . . .	-	-	-	-	39,100	\$17,136
SURF . . . . .	4,046,100	\$421,474	-	-	-	-
MUSSELS, SEA. . . . .	11,500	2,303	26,100	5,206	-	-
OYSTERS, MARKET:						
PUBLIC, SPRING. . . . .	-	-	21,600	14,365	-	-
PUBLIC, FALL. . . . .	-	-	22,500	15,000	-	-
PRIVATE, SPRING . . . . .	4,378,000	2,918,600	-	-	-	-
PRIVATE, FALL . . . . .	4,961,000	3,307,305	-	-	-	-
SCALLOPS:						
BAY . . . . .	101,100	121,356	-	-	-	-
SEA . . . . .	3,377,500	1,452,419	-	-	-	-
TOTAL. . . . .	16,875,200	8,223,457	7,142,400	2,552,869	39,100	17,136

## NEW JERSEY

## OPERATING UNITS BY GEAR, 1951

ITEM	PURSE SEINES			HAUL SEINES, COMMON	GILL NETS		
	MACKEREL	MENHADEN	OTHER		DRIFT	RUNAROUND	STAKE
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS. . . . .	20	360	48	-	84	2	-
ON BOATS AND SHORE:							
REGULAR . . . . .	-	-	-	24	87	11	79
CASUAL. . . . .	-	-	-	98	239	8	289
TOTAL. . . . .	20	360	48	122	410	21	368
VESSELS, MOTOR. . . . .	1	14	4	-	38	1	-
NET TONNAGE. . . . .	41	7,527	91	-	396	5	-
BOATS:							
MOTOR . . . . .	-	-	-	37	152	10	166
OTHER . . . . .	-	-	-	3	21	-	45
ACCESSORY BOATS . . . . .	3	42	9	-	-	-	-
APPARATUS:							
NUMBER. . . . .	1	14	4	40	292	10	176
LENGTH, YARDS . . . . .	300	4,697	1,600	8,200	-	-	-
SQUARE YARDS. . . . .	-	-	-	-	1,449,150	36,000	480,620
ITEM	LINES				POUND NETS	WEIRS	STOP NETS
	HAND	TRAWL OR TROT, WITH HOOKS	TROLL	TROT WITH BAITS			
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS. . . . .	52	30	-	-	347	-	-
ON BOATS AND SHORE:							
REGULAR . . . . .	18	58	12	30	38	14	2
CASUAL. . . . .	107	41	8	21	12	2	2
TOTAL. . . . .	177	129	20	51	397	16	4
VESSELS, MOTOR. . . . .	24	13	-	-	47	-	-
NET TONNAGE. . . . .	250	139	-	-	321	-	-
BOATS:							
MOTOR . . . . .	82	45	14	51	12	5	2
OTHER . . . . .	36	-	-	-	-	7	-
APPARATUS:							
NUMBER. . . . .	177	334	40	51	88	41	2
SQUARE YARDS. . . . .	-	-	-	-	-	-	900
HOOKS . . . . .	181	167,000	40	25,900	-	-	-

(CONTINUED ON NEXT PAGE)

# MIDDLE ATLANTIC FISHERIES

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## NEW JERSEY - OPERATING UNITS BY GEAR, 1951 - Continued

ITEM	FYKE NETS, FISH	DIP NETS, COMMON	OTTER TRAWLS, FISH	BE/M TRAWLS, SHRIMP	POTS	
					EEL	FISH
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS. . . . .	-	-	370	-	-	19
ON BOATS AND SHORE:						
REGULAR . . . . .	4	3	46	12	8	73
CASUAL . . . . .	48	29	23	8	41	20
TOTAL . . . . .	52	32	439	20	49	112
VESSELS, MOTOR. . . . .	-	-	104	-	-	9
NET TONNAGE . . . . .	-	-	2,547	-	-	89
BOATS:						
MOTOR . . . . .	29	23	34	20	27	50
OTHER . . . . .	11	9	-	-	4	4
APPARATUS:						
NUMBER. . . . .	104	32	138	20	586	28,675
YARDS AT MOUTH. . . . .	-	-	2,654	33	-	-

ITEM	POTS-CONT'D.		SPEARS	DREDGES			
	LOBSTER			CLAM	CRAB	OYSTER, COMMON	SCALLOP
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	
FISHERMEN:							
ON VESSELS. . . . .	-	-	93	27	741	150	
ON BOATS AND SHORE:							
REGULAR . . . . .	26	-	18	8	86	-	
CASUAL . . . . .	-	4	-	-	30	-	
TOTAL . . . . .	26	4	111	35	857	150	
VESSELS, MOTOR. . . . .	-	-	44	13	75	25	
NET TONNAGE . . . . .	-	-	486	104	1,955	772	
BOATS:							
MOTOR . . . . .	16	-	9	4	58	-	
OTHER . . . . .	-	4	-	-	-	-	
APPARATUS:							
NUMBER. . . . .	2,400	4	66	32	252	50	
YARDS AT MOUTH. . . . .	-	-	77	58	254	177	

ITEM	TONGS		RAKES, OTHER THAN FOR OYSTERS	HOES	BY HAND, OTHER THAN FOR OYSTERS	TOTAL, EXCLUSIVE OF DUPLICATION
	OYSTER	OTHER				
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS. . . . .	-	-	6	-	-	2,124
ON BOATS AND SHORE:						
REGULAR . . . . .	179	415	311	32	15	1,083
CASUAL . . . . .	147	644	423	80	247	1,771
TOTAL . . . . .	326	1,059	740	112	262	4,978
VESSELS, MOTOR. . . . .	-	-	2	-	-	333
NET TONNAGE . . . . .	-	-	16	-	-	7,442
BOATS:						
MOTOR . . . . .	270	636	477	70	220	1,442
OTHER . . . . .	56	254	182	22	42	311
ACCESSORY BOATS . . . . .	-	-	-	-	-	54
APPARATUS, NUMBER . . . . .	326	1,059	740	112	-	-

## NEW JERSEY - CATCH BY GEAR, 1951

SPECIES	PURSE SEINES		HAUL SEINES		GILL NETS	
	POUNDS	VALUE	POUNDS	VALUE	DRIFT	
					POUNDS	VALUE
ALEWIVES. . . . .	-	-	3,800	\$139	700	\$27
BLUEFISH. . . . .	7,500	\$1,725	-	-	297,800	57,824
BUTTERFISH. . . . .	-	-	-	-	2,100	291
CARP. . . . .	-	-	4,200	210	-	-

(CONTINUED ON NEXT PAGE)

## MIDDLE ATLANTIC FISHERIES

## NEW JERSEY - CATCH BY GEAR, 1951 - Continued

SPECIES	PURSE SEINES		HAUL SEINES		GILL NETS	
					DRIFT	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CATFISH AND BULLHEADS . . . . .	-	-	22,500	\$2,109	-	-
CROAKER . . . . .	-	-	100	5	-	-
FLOUNDER: . . . . .	-	-	-	-	-	-
BLACKBACK . . . . .	-	-	-	-	1,000	\$159
FLUKE . . . . .	-	-	700	137	-	-
GRAYFISH . . . . .	-	-	-	-	300	10
HERRING, SEA . . . . .	-	-	10,100	123	26,000	262
KING WHITING OR "KINGFISH" . . . . .	-	-	100	10	-	-
HACKEREL . . . . .	25,000	\$2,607	-	-	512,800	65,829
MENHADEN . . . . .	160,183,900	1,828,124	-	-	7,300	220
MULLET . . . . .	-	-	700	31	100	6
SCUP OR PORGY . . . . .	2,911,700	175,715	-	-	1,400	108
SEA BASS . . . . .	900	115	500	47	2,900	785
SEA TROUT OR WEAKFISH, GRAY SHAD . . . . .	800	100	100	12	17,300	2,383
SHARKS . . . . .	-	-	12,800	2,570	41,300	8,869
SPOT . . . . .	-	-	-	-	4,200	333
STRIPED BASS . . . . .	-	-	7,500	1,541	4,200	356
SUCKERS . . . . .	-	-	300	30	78,900	19,279
TAUTOG . . . . .	-	-	-	-	100	11
TUNA AND TUNALIKE FISHES: . . . . .	-	-	-	-	-	-
BONITO . . . . .	500	75	-	-	-	-
LITTLE . . . . .	-	-	-	-	100	4
WHITE PERCH . . . . .	-	-	58,100	10,890	6,900	804
WHITING . . . . .	-	-	-	-	200	16
UNCLASSIFIED, FOR FOOD . . . . .	300	20	-	-	-	-
CRABS, BLUE, HARD . . . . .	-	-	4,000	400	-	-
TURTLES, SNAPPER . . . . .	-	-	100	10	-	-
TOTAL . . . . .	163,130,600	2,008,481	125,600	18,264	1,005,600	157,575

SPECIES	GILL NETS - CONTINUED				LINES	
	RUNAROUND		STAKE		HAND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES . . . . .	-	-	400	\$15	-	-
BLUEFISH . . . . .	15,000	\$3,275	800	176	145,000	\$32,545
BUTTERFISH . . . . .	-	-	1,600	103	100	10
CATFISH AND BULLHEADS . . . . .	-	-	100	6	-	-
COD . . . . .	-	-	-	-	6,300	550
CROAKER . . . . .	-	-	-	-	300	70
DRUM, BLACK . . . . .	-	-	-	-	500	25
FLOUNDER: . . . . .	-	-	-	-	-	-
YELLOWTAIL . . . . .	-	-	4,100	440	-	-
BLACKBACK . . . . .	-	-	6,800	642	-	-
FLUKE . . . . .	-	-	-	-	2,000	391
HERRING, SEA . . . . .	-	-	7,700	144	-	-
HACKEREL . . . . .	10,600	1,146	5,900	582	17,700	2,473
MENHADEN . . . . .	-	-	1,500	47	-	-
MULLET . . . . .	-	-	600	19	-	-
SCUP OR PORGY . . . . .	-	-	-	-	8,900	842
SEA BASS . . . . .	-	-	-	-	1,100	180
SEA TROUT OR WEAKFISH, GRAY SHAD . . . . .	18,100	2,133	500	56	300	34
SHARKS . . . . .	-	-	463,700	111,927	-	-
STRIPED BASS . . . . .	-	-	4,000	210	100	5
STURGEON . . . . .	-	-	34,500	7,221	4,000	1,000
SUCKERS . . . . .	-	-	100	12	-	-
TAUTOG . . . . .	-	-	400	77	-	-
TUNA AND TUNALIKE FISHES: . . . . .	-	-	-	-	400	26
BLUEFIN . . . . .	-	-	-	-	2,900	255
BONITO . . . . .	-	-	-	-	2,000	178
LITTLE . . . . .	-	-	-	-	1,200	23
WHITE PERCH . . . . .	-	-	55,200	10,671	-	-
TOTAL . . . . .	43,700	6,554	587,900	132,348	192,800	38,607

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# MIDDLE ATLANTIC FISHERIES

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## NEW JERSEY - CATCH BY GEAR, 1951 - Continued

SPECIES	LINES - CONTINUED					
	TRAWL OR TROT, WITH HOOKS		TROLL		TROT WITH BAITS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUEFISH . . . . .	-	-	13,300	\$3,285	-	-
COD . . . . .	551,700	\$53,353	-	-	-	-
GRAYFISH . . . . .	3,200	101	-	-	-	-
HAKE, RED . . . . .	1,000	34	-	-	-	-
MACKEREL . . . . .	-	-	500	100	-	-
SHARKS . . . . .	800	71	-	-	-	-
TUNA AND TUNALIKE FISHES, BONITO . . . . .	-	-	300	31	-	-
UNCLASSIFIED, FOR FOOD . . . . .	100	4	-	-	-	-
CRABS, BLUE, HARD . . . . .	-	-	-	-	524,300	\$66,191
TOTAL . . . . .	556,800	53,563	14,100	3,416	524,300	66,191
SPECIES	POUND NETS		WEIRS		STOP NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ANGLEFISH . . . . .	63,800	\$1,506	-	-	-	-
BLUEFISH . . . . .	592,600	142,528	-	-	-	-
BUTTERFISH . . . . .	3,412,800	176,728	-	-	-	-
CARP . . . . .	-	-	-	-	7,300	\$363
CATFISH AND BULLHEADS . . . . .	-	-	-	-	300	15
COD . . . . .	8,800	763	-	-	-	-
CROAKER . . . . .	100	6	-	-	-	-
CUSK . . . . .	600	25	-	-	-	-
DRUM, BLACK . . . . .	3,100	155	-	-	-	-
EELS . . . . .	-	-	1,900	\$186	-	-
COMMON . . . . .	-	-	-	-	-	-
CONGER . . . . .	1,100	37	-	-	-	-
FLOUNDERS:						
YELLOWTAIL . . . . .	300	25	-	-	-	-
BLACKBACK . . . . .	-	-	1,400	324	-	-
FLUKE . . . . .	58,700	11,737	-	-	-	-
UNCLASSIFIED . . . . .	400	15	-	-	-	-
FRIGATE MACKEREL . . . . .	900	30	-	-	-	-
GRAYFISH . . . . .	1,000	40	-	-	-	-
HAKE, RED . . . . .	106,500	3,306	-	-	-	-
HERRING, SEA . . . . .	1,612,800	17,233	-	-	-	-
HICKORY SHAD . . . . .	200	10	-	-	-	-
KING WHITING OR "KINGFISH" . . . . .	18,000	1,772	-	-	-	-
MACKEREL . . . . .	102,600	10,261	-	-	-	-
MENHADEN . . . . .	29,709,900	351,261	-	-	-	-
MULLET . . . . .	100	6	-	-	-	-
PILOTFISH . . . . .	2,400	119	-	-	-	-
POLLOCK . . . . .	600	46	-	-	-	-
SCUP OR PORGY . . . . .	1,513,700	120,492	-	-	-	-
SEA BASS . . . . .	26,300	2,945	-	-	-	-
SEA ROBIN . . . . .	5,100	105	-	-	-	-
SEA TROUT OR WEAKFISH, GRAY . . . . .	889,500	90,544	-	-	-	-
SHAD . . . . .	156,500	32,715	600	136	-	-
SHARKS . . . . .	9,100	475	-	-	-	-
SKATES . . . . .	21,300	792	-	-	-	-
SPOT . . . . .	118,200	4,686	-	-	-	-
STURGEON . . . . .	3,100	576	-	-	-	-
SWELLFISH . . . . .	50,500	4,591	-	-	-	-
TAUTOG . . . . .	1,400	73	-	-	-	-
THIMBLE-EYED MACKEREL . . . . .	18,200	1,262	-	-	-	-
TUNA AND TUNALIKE FISHES:						
BLUEFIN . . . . .	15,300	679	-	-	-	-
BONITO . . . . .	8,500	1,046	-	-	-	-
LITTLE . . . . .	347,300	6,897	-	-	-	-
WHITING . . . . .	549,700	30,051	-	-	-	-
UNCLASSIFIED, FOR FOOD . . . . .	449,500	22,566	-	-	-	-
CRABS, BLUE, HARD . . . . .	-	-	42,600	4,686	-	-
HORSESHOE CRABS . . . . .	-	-	615,700	3,695	-	-
SQUID . . . . .	211,500	10,998	-	-	-	-
TURTLES, SNAPPER . . . . .	1,300	130	-	-	-	-
TOTAL . . . . .	40,093,300	1,049,232	662,200	9,027	7,600	378

(CONTINUED ON NEXT PAGE)

## MIDDLE ATLANTIC FISHERIES

## NEW JERSEY - CATCH BY GEAR, 1951 - Continued

SPECIES	FYKE NETS		DIP NETS		OTTER TRAWLS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES . . . . .	2,300	\$79	-	-	-	-
AMBERJACK . . . . .	-	-	-	-	100	\$4
ANGLERFISH . . . . .	-	-	-	-	12,000	392
BLUEFISH . . . . .	-	-	-	-	28,200	6,505
BUTTERFISH . . . . .	-	-	-	-	363,200	21,250
CATFISH AND BULLHEADS . . . . .	2,200	247	-	-	-	-
COD . . . . .	-	-	-	-	32,900	2,883
CROAKER . . . . .	-	-	-	-	49,500	3,262
CUSK . . . . .	-	-	-	-	100	7
ORUM, RED OR REDFISH . . . . .	-	-	-	-	100	5
EELS:						
COMMON . . . . .	300	68	-	-	-	-
CONGER . . . . .	-	-	-	-	30,800	1,161
FLOUNDERS:						
GRAY SOLE . . . . .	-	-	-	-	9,000	592
YELLOWTAIL . . . . .	-	-	-	-	16,400	1,860
BLACKBACK . . . . .	28,300	2,862	-	-	2,600	222
DAB . . . . .	-	-	-	-	800	40
FLUKE . . . . .	-	-	-	-	2,802,900	529,006
UNCLASSIFIED . . . . .	-	-	-	-	500	46
GRAYFISH . . . . .	-	-	-	-	300	10
GRUNTS . . . . .	-	-	-	-	2,300	70
HADDOCK . . . . .	-	-	-	-	2,500	154
HAKE:						
RED . . . . .	-	-	-	-	144,000	4,356
WHITE . . . . .	-	-	-	-	153,000	10,538
HERRING, SEA . . . . .	10,600	214	-	-	4,800	86
HICKORY SHAD . . . . .	-	-	-	-	100	6
HOGFISH . . . . .	-	-	-	-	400	10
KING HACKEREL . . . . .	-	-	-	-	100	9
KING WHITING OR "KINGFISH" . . . . .	-	-	-	-	51,800	5,354
HACKEREL . . . . .	-	-	-	-	43,100	4,261
POLLOCK . . . . .	-	-	-	-	500	39
SCUP OR PORGY . . . . .	-	-	-	-	4,350,000	304,576
SEA BASS . . . . .	-	-	-	-	2,763,800	271,382
SEA ROBIN . . . . .	-	-	-	-	1,000	25
SEA TROUT OR WEAKFISH, GRAY SHAD . . . . .	2,900	622	-	-	1,038,400	85,564
SHARKS . . . . .	-	-	-	-	4,700	974
SKATES . . . . .	-	-	-	-	7,700	409
SPOT . . . . .	-	-	-	-	4,700	165
STRIPED BASS . . . . .	-	-	-	-	4,500	186
STURGEON . . . . .	-	-	-	-	15,400	3,779
SWELLFISH . . . . .	-	-	-	-	1,600	353
TAUTOG . . . . .	-	-	-	-	3,000	150
TILEFISH . . . . .	-	-	-	-	4,600	175
TUNA AND TUNALIKE FISHES:					96,200	7,230
BLUEFIN . . . . .	-	-	-	-	400	45
BONITO . . . . .	-	-	-	-	1,100	186
LITTLE . . . . .	-	-	-	-	1,000	25
WHITE PERCH . . . . .	13,900	2,161	-	-	-	-
WHITING . . . . .	-	-	-	-	347,300	18,646
UNCLASSIFIED:						
FOR FOOD . . . . .	-	-	-	-	181,800	12,002
OTHER . . . . .	-	-	-	-	241,900	2,419
CRABS, BLUE:						
HARD . . . . .	-	-	4,600	\$410	-	-
SOFT AND PEELERS . . . . .	-	-	10,100	3,197	-	-
LOBSTERS, NORTHERN . . . . .	-	-	-	-	121,500	25,913
CONCHS . . . . .	-	-	-	-	32,600	4,000
SCALLOPS, SEA . . . . .	-	-	-	-	10,800	4,654
SQUID . . . . .	-	-	-	-	216,600	11,512
TOTAL . . . . .	60,500	6,253	14,700	3,607	13,202,600	1,346,498

SPECIES	BEAH TRAWLS		POTS		SPEARS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
EELS:						
COMMON . . . . .	-	-	37,100	\$6,129	3,600	\$730
CONGER . . . . .	-	-	2,700	81	-	-
FLOUNDERS, FLUKE . . . . .	-	-	200	44	-	-
GRUNTS . . . . .	-	-	600	35	-	-
HAKE, RED . . . . .	-	-	28,600	910	-	-

(CONTINUED ON NEXT PAGE)

# MIDDLE ATLANTIC FISHERIES

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## NEW JERSEY - CATCH BY GEAR, 1951 - Continued

SPECIES	BEAM TRAWLS		POTS		SPEARS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
SCUP OR PORGY . . . . .	-	-	13,800	\$749	-	-
SEA BASS. . . . .	-	-	2,862,300	330,142	-	-
TAUOG. . . . .	-	-	26,000	1,265	-	-
UNCLASSIFIED, FOR FOOD. . . . .	-	-	700	33	-	-
LOBSTERS, NORTHERN. . . . .	-	-	94,300	46,133	-	-
SHRIMP. . . . .	86,500	\$47,575	-	-	-	-
TOTAL. . . . .	86,500	47,575	3,066,300	385,521	3,600	\$730

SPECIES	DREOGES		TONGS		RAKES	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CRABS, BLUE, HARD . . . . .	470,000	\$70,500	-	-	-	-
CLAMS:						
HARD, PUBLIC. . . . .	567,000	221,130	2,036,300	\$772,324	1,296,600	\$498,100
HARD, PRIVATE. . . . .	72,700	14,430	13,500	5,472	-	-
SURF. . . . .	6,419,400	622,033	-	-	-	-
OYSTERS, MARKET:						
PUBLIC, SPRING. . . . .	-	-	32,700	13,052	-	-
PUBLIC, FALL. . . . .	-	-	33,600	13,542	-	-
PRIVATE, SPRING. . . . .	2,833,300	1,180,603	25,500	12,068	-	-
PRIVATE, FALL. . . . .	2,821,500	1,178,546	14,700	7,870	-	-
SCALLOPS, SEA . . . . .	870,000	367,461	-	-	-	-
TOTAL. . . . .	14,053,900	3,654,723	2,156,300	824,328	1,296,600	498,100

SPECIES	HOES		BY HAND	
	POUNDS	VALUE	POUNDS	VALUE
CLAMS:				
HARD, PUBLIC. . . . .	-	-	386,100	\$149,534
SOFT, PUBLIC. . . . .	376,000	\$146,640	-	-
TURTLES, SNAPPER. . . . .	-	-	600	72
TOTAL. . . . .	376,000	146,640	386,700	149,606

## DELAWARE

### OPERATING UNITS BY GEAR, 1951

ITEM	PURSE SEINES, MENHADEN	HAUL SEINES, COMMON	GILL NETS		
			DRIFT	RUNAROUND	STAKE
			NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS. . . . .	585	-	-	-	8
ON BOATS AND SHORE:					
REGULAR. . . . .	-	17	11	2	17
CASUAL. . . . .	-	72	17	2	23
TOTAL. . . . .	585	89	28	4	48
VESSELS, MOTOR. . . . .	23	-	-	-	3
NET TONNAGE. . . . .	2,259	-	-	-	32
BOATS:					
MOTOR. . . . .	-	16	12	2	12
OTHER. . . . .	-	7	4	-	9
ACCESSORY BOATS. . . . .	69	-	-	-	-
APPARATUS:					
NUMBER. . . . .	23	23	16	2	24
LENGTH, YARDS. . . . .	7,400	6,400	-	-	-
SQUARE YARDS. . . . .	-	-	32,900	1,800	48,300

(CONTINUED ON NEXT PAGE)

## MIDDLE ATLANTIC FISHERIES

## DELAWARE - OPERATING UNITS BY GEAR, 1951 - Continued

ITEM	LINES, TROT WITH BAITS	FYKE NETS		DIP NETS, COMMON	OTTER TRAWLS, FISH
		FISH	TURTLE		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS. . . . .	-	-	-	-	20
ON BOATS AND SHORE:					
REGULAR . . . . .	2	14	-	-	-
CASUAL . . . . .	11	37	5	12	-
TOTAL . . . . .	13	51	5	12	20
VESSELS, MOTOR. . . . .	-	-	-	-	7
NET TONNAGE . . . . .	-	-	-	-	124
BOATS:					
MOTOR . . . . .	-	12	-	4	-
OTHER . . . . .	13	29	5	8	-
APPARATUS:					
NUMBER. . . . .	13	63	35	12	7
BAITS . . . . .	3,900	-	-	-	-
YARDS AT MOUTH. . . . .	-	-	-	-	135

ITEM	POTS			DREDGES	
	CRAB	EEL	CLAM	CRAB	OYSTER, COMMON
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS. . . . .	5	-	90	76	151
ON BOATS AND SHORE:					
REGULAR . . . . .	17	-	-	9	12
CASUAL . . . . .	17	4	-	-	-
TOTAL . . . . .	39	4	90	85	163
VESSELS:					
MOTOR . . . . .	2	-	16	16	23
NET TONNAGE . . . . .	19	-	311	255	416
SAIL. . . . .	-	-	-	-	1
NET TONNAGE . . . . .	-	-	-	-	33
TOTAL VESSELS. . . . .	2	-	16	16	24
TOTAL NET TONNAGE. . . . .	19	-	311	255	449
BOATS:					
MOTOR . . . . .	12	-	-	3	3
OTHER . . . . .	10	4	-	-	-
APPARATUS:					
NUMBER. . . . .	2,490	40	32	31	53
YARDS AT MOUTH. . . . .	-	-	32	61	53

ITEM	TONGS		RAKES, OTHER THAN FOR OYSTERS	TOTAL, EXCLUSIVE OF DUPLICATION
	OYSTER	OTHER		
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS. . . . .	-	-	-	767
ON BOATS AND SHORE:				
REGULAR . . . . .	15	15	20	95
CASUAL . . . . .	45	25	50	214
TOTAL . . . . .	60	40	70	1,076
VESSELS:				
MOTOR . . . . .	-	-	-	56
NET TONNAGE . . . . .	-	-	-	2,632
SAIL. . . . .	-	-	-	1
NET TONNAGE . . . . .	-	-	-	33
TOTAL VESSELS. . . . .	-	-	-	57
TOTAL NET TONNAGE. . . . .	-	-	-	2,865
BOATS:				
MOTOR . . . . .	35	20	30	128
OTHER . . . . .	25	20	40	149
ACCESSORY BOATS . . . . .	-	-	-	69
APPARATUS, NUMBER . . . . .	60	40	70	-

# MIDDLE ATLANTIC FISHERIES

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## DELAWARE - CATCH BY GEAR, 1951

SPECIES	PURSE SEINES		HAUL SEINES		GILL NETS	
					DRIFT	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES. . . . .	-	-	9,500	\$380	5,400	\$162
BLUEFISH. . . . .	-	-	1,000	100	-	-
BUTTERFISH. . . . .	-	-	500	30	-	-
CARP. . . . .	-	-	42,900	4,100	-	-
CATFISH AND BULLHEADS. . . . .	-	-	4,000	270	-	-
CROAKER. . . . .	-	-	400	74	-	-
FLOUNDERS, BLACKBACK. . . . .	-	-	3,800	244	-	-
KING MACKEREL. . . . .	-	-	8,800	647	-	-
MENHADEN. . . . .	166,482,300	\$1,911,311	-	-	-	-
MULLET. . . . .	-	-	24,000	960	-	-
SEA TROUT OR WEAKFISH, GRAY	-	-	84,600	9,160	14,000	3,130
SHAD. . . . .	-	-	900	225	36,000	7,870
SPOT. . . . .	-	-	-	-	2,900	248
STRIPED BASS. . . . .	-	-	98,500	23,950	14,800	3,669
WHITE PERCH. . . . .	-	-	23,100	2,700	200	20
UNCLASSIFIED, FOR FOOD. . . . .	-	-	1,200	60	-	-
TOTAL. . . . .	166,482,300	1,911,311	303,200	42,900	73,300	15,099

SPECIES	GILL NETS - CONTINUED				LINES, TROT WITH BAITS	
	RUNAROUND		STAKE			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES. . . . .	1,600	\$54	3,800	\$144	-	-
BLUEFISH. . . . .	3,500	420	-	-	-	-
CROAKER. . . . .	1,500	254	-	-	-	-
SEA TROUT OR WEAKFISH, GRAY	10,200	1,102	18,800	3,610	-	-
SHAD. . . . .	-	-	72,200	16,280	-	-
SPOT. . . . .	4,800	406	300	25	-	-
STRIPED BASS. . . . .	1,400	336	48,900	11,980	-	-
WHITE PERCH. . . . .	-	-	5,700	570	-	-
CRABS, BLUE, HARD. . . . .	-	-	-	-	150,600	\$12,250
TOTAL. . . . .	23,000	2,572	149,700	32,609	150,600	12,250

SPECIES	FYKE NETS		DIP NETS		OTTER TRAWLS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES. . . . .	12,000	\$450	-	-	4,700	\$188
BLUEFISH. . . . .	-	-	-	-	200	20
BUTTERFISH. . . . .	-	-	-	-	21,100	1,260
CARP. . . . .	1,000	80	-	-	-	-
CATFISH AND BULLHEADS. . . . .	5,300	371	-	-	-	-
CROAKER. . . . .	-	-	-	-	3,000	455
EELS, COMMON. . . . .	1,700	170	-	-	-	-
FLOUNDERS:						
BLACKBACK. . . . .	14,300	1,285	-	-	-	-
FLUKE. . . . .	-	-	-	-	19,800	3,120
KING MACKEREL. . . . .	-	-	-	-	7,900	620
MENHADEN. . . . .	-	-	-	-	6,400	64
MULLET. . . . .	5,100	204	-	-	-	-
SCUP OR PORGY. . . . .	-	-	-	-	22,300	1,240
SEA TROUT OR WEAKFISH, GRAY	6,500	777	-	-	532,000	54,060
SHAD. . . . .	500	125	-	-	-	-
SPOT. . . . .	3,200	288	-	-	6,500	550
STRIPED BASS. . . . .	13,700	3,337	-	-	37,500	9,440
WHITE PERCH. . . . .	31,200	4,030	-	-	13,900	1,390
UNCLASSIFIED, FOR FOOD. . . . .	-	-	-	-	5,000	275
CRABS, BLUE, SOFT AND PEELERS. . . . .	-	-	6,500	\$2,008	-	-
SQUID. . . . .	-	-	-	-	10,100	707
TURTLES, SNAPPER. . . . .	6,500	782	-	-	-	-
TOTAL. . . . .	101,100	11,899	6,500	2,008	690,400	73,389

SPECIES	POTS		DREDGES		TONGS		RAKES	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
EELS, COMMON. . . . .	3,500	\$875	-	-	-	-	-	-
CRABS, BLUE, HARD. . . . .	642,300	45,460	3,853,100	\$271,000	-	-	-	-
CLAMS, HARD, PUBLIC. . . . .	-	-	777,000	273,600	31,200	\$8,730	104,000	\$29,700
OYSTERS, MARKET, PRIVATE; SPRING. . . . .	-	-	1,118,000	514,360	39,000	19,500	-	-
FALL. . . . .	-	-	1,072,000	495,300	37,000	18,500	-	-
TOTAL. . . . .	645,800	46,335	6,820,100	1,554,260	107,200	46,730	104,000	29,700

## MIDDLE ATLANTIC FISHERIES

## HUDSON RIVER SHAD FISHERY

During 1951, the shad fishery in the Hudson River gave employment to 419 fishermen who marketed 764,100 pounds of shad with a value of \$148,365 to the fishermen. This represented a decrease of 24 percent in quantity and 18 percent in value compared with the landings of the previous year. The average price per pound received by fishermen in 1951 was 19.4 cents compared with 17.9 cents in 1950.

In 1951, the shad taken averaged 3.36 pounds per fish -- slightly larger than the average of 3.31 pounds in the previous year.

Statistics of the operating units and catch of shad in the Hudson River for 1951 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, 1951

ITEM	NEW YORK			NEW JERSEY			TOTAL		
	NUMBER			NUMBER			NUMBER		
OPERATING UNITS									
FISHERMEN, ON BOATS AND SHORE:									
REGULAR . . . . .	28			20					48
CASUAL . . . . .	288			83					371
TOTAL . . . . .	316			103					419
BOATS:									
MOTOR . . . . .	159			31					190
OTHER . . . . .	-			34					34
APPARATUS:									
HAUL SEINES . . . . .	12			-					12
LENGTH, YARDS . . . . .	2,282			-					2,282
GILL NETS:									
DRIFT . . . . .	110			-					110
SQUARE YARDS . . . . .	390,400			-					390,400
STAKE . . . . .	64			23					87
SQUARE YARDS . . . . .	40,275			184,640					224,915
CATCH									
	NUMBER	POUNDS	VALUE	NUMBER	POUNDS	VALUE	NUMBER	POUNDS	VALUE
SHAD CAUGHT:									
HAUL SEINES . . . . .	2,080	7,400	\$1,078	-	-	-	2,080	7,400	\$1,078
DRIFT GILL NETS . . . . .	85,764	282,400	43,068	-	-	-	85,764	282,400	43,068
STAKE GILL NETS . . . . .	35,004	123,600	18,529	104,375	350,700	\$65,690	139,379	474,300	104,219
TOTAL . . . . .	122,848	413,400	62,675	104,375	350,700	85,690	227,223	764,100	148,365

NOTE:--DATA LISTED ABOVE COVER FISHING OPERATIONS BETWEEN EDGEWATER, NEW JERSEY AND ALBANY COUNTY, NEW YORK.



SHAD FISHING IN THE HUDSON RIVER

# SECTION 4 - CHESAPEAKE FISHERIES

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

The 1951 catch of fish and shellfish in the Chesapeake States totaled 330,589,600 pounds valued at \$25,110,839 to the fishermen. This represented a decrease of 13 percent in quantity but an increase of less than one percent in value compared with the landings of the previous year. Both the number of fishermen and the number of fishing craft were less than in 1950. The decline in production was due mainly to a decrease of over 43 million pounds in the landings of menhaden during the year compared with 1950. A fleet of 20 vessels brought menhaden to the six factories operating in Virginia during the year. Although the 1951 catch of menhaden was substantially less than that of the previous year, it was greater than the industry envisioned at the beginning of the season. Military training activities stopped menhaden fishing in several small areas during 1951. An increase in the yield and price of oil compensated to some extent for the decline in catch and in the production of meal.

The Chesapeake fisheries remained in a fairly healthy condition during 1951, with prices, for some species, being the highest on record. However, declines occurred in the catch of several important items such as croaker, gray sea trout, striped bass, and crabs. The catch of croakers amounted to only 6,074,000 pounds, 34 percent less than in the previous year, and 89 percent below the record catch of 57,704,700 pounds taken in 1945. However, for other species the catch was far above the capacity of the established markets. Alewives, sea bass, scup, and clam landings increased noticeably during the year.

Pound net production continued low for the fifth consecutive year. Not only was the total volume small but a large part of the catch consisted of small fish which brought low prices to the producers. Since croaker landings had been the backbone of the pound net fishery in the Chesapeake for many years, the lowered production of this species has endangered the entire pound-net fishery.

Oyster production during 1951 was nearly the same as in the previous year. Toward the close of the year some oysters brought the all-time high price of \$4.25 per bushel. In the lower part of the bay, the oysters did not get fat until late fall, consequently the yield of shucked oysters was low in this area during the early part of the season. Prices in general were good, dropping in late spring, but holding strong during the fall months. A good demand in the early fall resulted in the harvesting of some immature shell stock. The number of oyster tongs remained about the same as during the previous year, with considerable activity in the James River seed bed where seed oysters at year's end reached the all-time high of 90¢ per Virginia State bushel. By an official order all seed was restricted to use within the State of Virginia. Mounting acreages of oyster leaseholders indicated a steadily increasing demand for seed stock. There were well over 100,000 acres of private oyster grounds leased in Virginia during 1951.

Maryland alewife cannery recovered slightly from the slump of the previous year during which a fair proportion of their pack had to be unloaded at cost or below. The ample alewife catch, plus the general emphasis given food products by rearmament was reflected in a larger 1951 output of canned fishery products. A few ocean fish, specifically whiting, were canned, but mackerel prices remained too high for the cannery.

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<sup>5</sup> This number has been assigned to this area by the North American Council of Fishery Investigations. Data on the operating units and catch of the fisheries of Maryland have been taken largely from statistics collected by the Maryland Department of Tidelwater 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.

# CHESAPEAKE FISHERIES

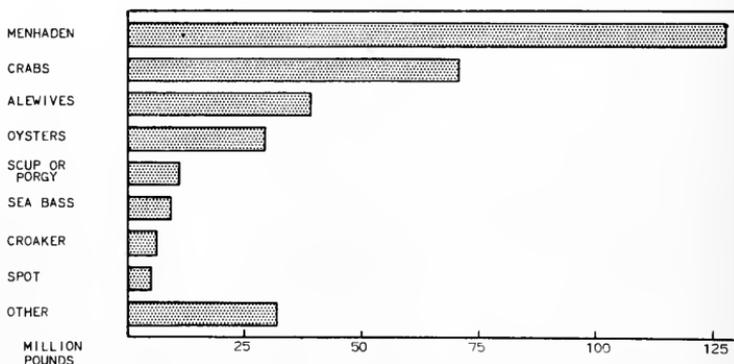
Crabs were plentiful throughout the year, although the catch of nearly 71 million pounds was about 10 million pounds less than the landings of the previous year. As cold weather set in during December crabs were found to be plentiful and prices, which are normally high for this time of the year, remained low, and boats were given a landing limit in some areas. Prices stayed at warm-weather levels as the year ended, and some packing houses utilized only the back-fin of the crab, discarding the remainder. Soft crabs were plentiful, especially in Pocomoke and Tangier Sounds, with the surplus going into the freezers.

The emergence of Wachapreague, Virginia, on the seacoast as an important port for mackerel was noted. Warmer winters were the apparent cause of an extension of the mackerel season over more months than in previous years.

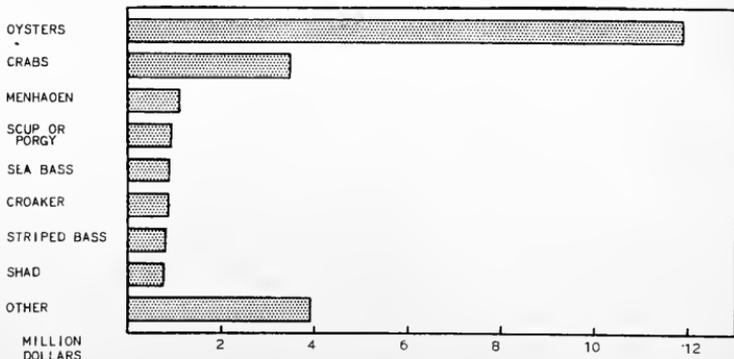
The fishery laboratories of Maryland and Virginia reported considerable progress in their studies of management problems. Projects involving shad, croakers, crabs, and oysters continued.

Condensed summary data of the catch by states of the Chesapeake Fisheries, appearing on the following pages, have been previously published in Current Fishery Statistics No. 894.

## CHESAPEAKE STATES CATCH, 1951



## VALUE OF CHESAPEAKE STATES CATCH, 1951



# CHESAPEAKE FISHERIES

## SECTIONAL SUMMARIES

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### SUMMARY OF CATCH, 1951

PRODUCT	MARYLAND		VIRGINIA		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FISH . . . . .	18,870,500	\$1,858,044	207,703,300	\$6,775,732	226,573,800	\$8,633,776
SHELLFISH, ETC . . . . .	45,831,600	8,287,845	58,184,200	8,189,218	104,015,800	16,477,063
TOTAL . . . . .	64,702,100	10,145,889	265,887,500	14,964,950	330,589,600	25,110,839

### SUMMARY OF OPERATING UNITS, 1951

ITEM	MARYLAND	VIRGINIA	TOTAL EXCLUSIVE OF
	NUMBER	NUMBER	NUMBER
FISHERMEN:			
ON VESSELS . . . . .	524	1,446	1,970
ON BOATS AND SHORE:			
REGULAR . . . . .	5,042	4,034	9,076
CASUAL . . . . .	2,744	3,843	6,587
TOTAL . . . . .	8,310	9,323	17,633
VESSELS:			
MOTOR . . . . .	35	295	330
NET TONNAGE . . . . .	339	4,939	5,278
SAIL . . . . .	104	-	104
NET TONNAGE . . . . .	1,142	-	1,142
TOTAL VESSELS . . . . .	139	295	434
TOTAL NET TONNAGE . . . . .	1,481	4,939	6,420
BOATS:			
MOTOR . . . . .	4,284	3,802	8,086
OTHER . . . . .	1,443	1,909	3,352
ACCESSORY BOATS . . . . .	-	60	60
APPARATUS:			
PURSE SEINES, MENHADEN . . . . .	-	20	20
LENGTH, YARDS . . . . .	-	7,500	7,500
HAUL SEINES, COMMON . . . . .	262	287	549
LENGTH, YARDS . . . . .	89,290	193,120	282,410
GILL NETS:			
ANCHOR . . . . .	157	11	168
SQUARE YARDS . . . . .	252,200	2,940	255,140
DRIFT . . . . .	338	526	864
SQUARE YARDS . . . . .	1,291,300	1,139,000	2,430,300
STAKE . . . . .	426	627	1,053
SQUARE YARDS . . . . .	869,100	466,360	1,335,460
LINES:			
HAND . . . . .	80	344	424
HOOKS . . . . .	160	461	621
TRAWL OR TROT, WITH			
HOOKS . . . . .	5	38	43
HOOKS . . . . .	1,300	28,700	30,000
TROT WITH BAITS . . . . .	990	465	1,455
BAITS . . . . .	641,900	302,200	944,100
POUND NETS . . . . .	576	1,208	1,784
STOP NETS . . . . .	-	3	3
LENGTH, YARDS . . . . .	-	3,125	3,125
FYKE NETS:			
CRAB . . . . .	-	1,447	1,447
FISH . . . . .	373	833	1,206
DIP NETS, COMMON . . . . .	-	778	1,308
OTTER TRAWLS, FISH . . . . .	12	42	54
YARDS AT MOUTH . . . . .	259	983	1,242
SLAT TRAPS . . . . .	-	3	3
POTS:			
CRAB . . . . .	28,550	58,650	87,200
EEL . . . . .	19,009	2,594	21,603
FISH . . . . .	202	1,486	1,688
TURTLE . . . . .	234	243	477
SCRAPES . . . . .	401	332	733
YARDS AT MOUTH . . . . .	534	377	911
DREGES:			
CLAM . . . . .	8	-	8
YARDS AT MOUTH . . . . .	8	-	8
CRAB . . . . .	39	294	333
YARDS AT MOUTH . . . . .	35	454	489
OYSTER, COMMON . . . . .	418	507	925
YARDS AT MOUTH . . . . .	510	563	1,073
OTHER . . . . .	2	-	2
YARDS AT MOUTH . . . . .	6	-	6
TONGS:			
OYSTER . . . . .	4,022	2,327	6,349
OTHER . . . . .	51	525	576
RAKES:			
OYSTER . . . . .	-	36	36
OTHER . . . . .	111	725	836

## CHESAPEAKE FISHERIES

## CATCH BY STATES, 1951

SPECIES	MARYLAND		VIRGINIA		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FISH						
ALEWIVES . . . . .	6,752,400	\$117,363	32,604,000	\$462,209	39,356,400	\$579,572
BLUEFISH . . . . .	84,700	13,001	179,300	26,669	264,000	39,670
BOWFIN . . . . .	-	-	2,700	54	2,700	54
BUTTERFISH . . . . .	48,100	4,012	736,300	54,292	784,400	58,304
CABIO OR CRAB EATER . . . . .	-	-	11,200	1,626	11,200	1,626
CARP . . . . .	382,200	19,715	704,100	39,626	1,086,300	59,341
CATFISH AND BULLHEADS . . . . .	549,500	34,480	1,197,000	90,821	1,746,500	125,301
COD . . . . .	1,200	77	2,000	80	3,200	176
CRAPPIE . . . . .	1,300	96	-	-	1,300	77
CRACKER . . . . .	1,850,600	264,763	4,223,400	655,990	6,074,000	920,753
DRUM:						
BLACK . . . . .	14,500	909	58,500	2,816	73,000	3,725
RED OR REOFISH . . . . .	4,200	234	75,800	5,625	80,000	5,859
EELS:						
COMMON . . . . .	815,900	98,887	424,100	41,440	1,240,000	140,327
CONGER . . . . .	1,300	39	10,200	266	11,500	305
FLOUNDERS	326,900	63,618	2,005,900	328,268	2,332,800	391,886
GIZZARD SHAD . . . . .	36,100	2,009	273,500	5,108	309,600	7,117
HAKE, WHITE . . . . .	1,300	68	36,400	1,450	37,700	1,518
HARVESTFISH OR "STARFISH" . . . . .	15,300	1,450	281,800	22,133	297,100	23,583
HERRING, SEA . . . . .	5,400	154	79,100	1,358	84,500	1,512
HICKORY SHAD . . . . .	28,200	1,854	156,900	7,616	185,100	9,470
HOGCHOKER . . . . .	11,300	680	-	-	11,300	680
KING WHITING OR "KINGFISH" . . . . .	5,200	460	101,800	7,923	107,000	8,383
MACKEREL . . . . .	501,000	54,300	4,437,600	489,692	4,938,600	543,992
MENHADEN . . . . .	430,900	4,467	126,993,900	1,110,508	127,424,800	1,114,975
MULLET . . . . .	700	57	152,700	11,544	153,400	11,601
PIGFISH . . . . .	2,200	90	31,300	1,579	33,500	1,669
PIKE OR PICKEREL . . . . .	13,100	2,514	500	49	13,600	2,564
SAND PERCH . . . . .	12,300	663	1,700	50	14,000	713
SCUP OR PORGY . . . . .	1,017,700	81,250	10,077,800	904,634	11,095,500	985,884
SEA BASS . . . . .	320,700	48,000	8,771,600	881,399	9,092,300	929,399
SEA ROBIN . . . . .	-	-	103,300	3,190	103,300	3,190
SEA TROUT OR WEAKFISH:						
GRAY . . . . .	233,000	34,582	1,978,700	314,288	2,211,700	348,870
SPOTTED . . . . .	1,200	210	65,500	15,333	66,700	15,543
SHAD . . . . .	1,554,300	264,512	3,294,400	580,787	4,848,700	845,299
SHARKS . . . . .	21,900	650	457,100	13,214	479,000	13,864
SKATES . . . . .	17,700	177	-	-	17,700	177
SPANISH MACKEREL . . . . .	-	-	6,700	1,565	6,700	1,565
SPOT . . . . .	128,600	12,527	5,030,500	354,321	5,159,100	366,848
STRIPED BASS . . . . .	2,336,000	585,714	1,803,600	276,110	4,139,600	861,824
STURGEON . . . . .	3,700	928	12,700	3,175	16,400	4,103
SUCKERS . . . . .	6,400	307	13,000	858	19,400	1,165
SUNFISH . . . . .	3,100	157	-	-	3,100	157
SWELLFISH . . . . .	14,100	441	673,100	20,180	687,200	20,621
TAUTOG . . . . .	4,100	300	24,800	1,527	28,900	1,827
TILEFISH . . . . .	-	-	16,200	1,296	16,200	1,296
TUNA AND TUNALIKE FISHES:						
BONITO . . . . .	1,100	168	26,000	2,822	27,100	2,990
LITTLE . . . . .	600	18	11,500	459	12,100	477
TOTAL TUNA AND TUNALIKE FISHES . . . . .	1,700	186	37,500	3,281	39,200	3,467
WHITE PERCH . . . . .	1,117,900	117,439	533,400	30,915	1,651,300	148,354
WHITING . . . . .	11,200	250	17,200	516	28,400	766
YELLOW PERCH . . . . .	166,600	24,233	4,500	360	171,100	24,593
UNCLASSIFIED, FOR FOOD . . . . .	14,800	221	-	-	14,800	221
TOTAL FISH . . . . .	18,870,500	1,858,044	207,703,300	6,775,732	226,573,800	8,633,776
SHELLFISH, ETC.						
CRABS, BLUE:						
HARD . . . . .	27,176,400	909,004	37,580,800	1,460,686	64,757,200	2,369,690
SOFT AND PEELERS . . . . .	2,021,600	354,625	3,998,200	777,425	6,019,800	1,132,050
TOTAL CRABS . . . . .	29,198,000	1,263,629	41,579,000	2,238,111	70,777,000	3,501,740
LOBSTERS, NORTHERN . . . . .	900	250	2,200	770	3,100	1,020
CLAMS:						
HARD, PUBLIC . . . . .	154,500	77,200	695,700	340,225	850,200	417,425
HARD, PRIVATE . . . . .	61,300	30,600	571,300	286,206	632,600	316,806
SOFT, PUBLIC . . . . .	1,614,500	179,300	-	-	1,614,500	179,300
TOTAL CLAMS . . . . .	1,830,300	287,100	1,267,000	626,431	3,097,300	913,531

(CONTINUED ON NEXT PAGE)

# CHESAPEAKE FISHERIES

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## CATCH BY STATES, 1951 - Continued

SPECIES	MARYLAND		VIRGINIA		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
SHELLFISH, ETC.-CONTINUED	81,600	\$3,700	72,600	\$3,630	154,200	\$7,330
CONCHS . . . . .						
OYSTERS, MARKET:						
PUBLIC, SPRING . . . . .	5,143,000	2,320,870	1,154,400	403,390	6,297,400	2,724,260
PUBLIC, FALL . . . . .	5,746,900	2,572,110	1,494,900	515,563	7,241,800	3,087,673
PRIVATE, SPRING . . . . .	2,005,000	991,010	6,007,900	2,114,654	8,012,900	3,105,664
PRIVATE, FALL . . . . .	1,627,000	808,370	6,419,100	2,242,904	8,046,100	3,051,274
TOTAL OYSTERS . . . . .	14,521,900	6,692,360	15,076,300	5,276,511	29,598,200	11,968,871
SCALLOPS, SEA . . . . .	-	-	43,000	28,000	43,000	28,000
SQUID . . . . .	23,800	1,660	60,400	4,786	84,200	6,446
TERRAPIN, DIAMOND-BACK . . . . .	139,900	34,950	17,200	4,220	157,100	39,170
TURTLES:						
LOGGERHEAD . . . . .	-	-	1,200	22	1,200	22
SNAPPER . . . . .	35,200	4,196	65,300	6,737	100,500	10,933
TOTAL SHELLFISH, ETC.	45,831,600	8,287,845	58,184,200	8,189,218	104,015,800	16,477,063
GRAND TOTAL . . . . .	64,702,100	10,145,889	265,887,500	14,964,950	330,589,600	25,110,839

## CATCH OF CERTAIN SHELLFISH, 1951

(IN NUMBERS AND BUSHELS)

ITEM	MARYLAND		VIRGINIA		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
CRABS, BLUE:						
HARD . . . . .	NUMBER	72,961,000	110,925,700	\$1,460,686	183,886,700	\$2,369,690
SOFT AND PEELERS . . . . .	DO	6,014,200	15,923,000	777,425	23,937,200	1,132,050
CLAMS:						
HARD, PUBLIC, . . . U.S. STANDARD BUSHEL	DO	22,207	99,386	340,225	121,593	417,425
HARD, PRIVATE . . . . .	DO	8,757	81,614	286,206	90,371	316,806
SOFT, PUBLIC . . . . .	DO	91,986	179,300	-	91,986	179,300
CONCHS . . . . .	DO	4,080	3,630	3,630	7,710	7,330
OYSTERS, MARKET:						
PUBLIC, SPRING . . . . .	DO	968,122	242,732	403,390	1,210,854	2,724,260
PUBLIC, FALL . . . . .	DO	1,197,966	2,572,110	515,563	1,535,952	3,087,673
PRIVATE, SPRING . . . . .	DO	375,074	991,010	1,262,395	1,637,469	3,105,664
PRIVATE, FALL . . . . .	DO	327,245	808,370	1,433,089	1,760,334	3,051,274
SCALLOPS, SEA . . . . .	DO	-	7,167	28,000	7,167	28,000

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

## AVERAGE WEIGHTS OF CERTAIN SHELLFISH, 1951

ITEM	MARYLAND		VIRGINIA	
		QUANTITY		QUANTITY
CRABS, BLUE:				
HARD . . . . .	NUMBER PER POUND	2.68	2.95	
SOFT AND PEELERS . . . . .	DO	3.96	3.98	
CLAMS:				
HARD, PUBLIC . . . . .	LBS. MEATS PER U.S. BUSHEL	7.00	7.00	
HARD, PRIVATE . . . . .	DO	7.00	7.00	
SOFT, PUBLIC . . . . .	DO	17.55	-	
CONCHS . . . . .	DO	20.00	20.00	
OYSTERS, MARKET:				
PUBLIC, SPRING . . . . .	DO	5.31	4.76	
PUBLIC, FALL . . . . .	DO	4.80	4.42	
PRIVATE, SPRING . . . . .	DO	5.35	4.76	
PRIVATE, FALL . . . . .	DO	4.97	4.48	
SCALLOPS, SEA . . . . .	DO	-	6.00	

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

## CHESAPEAKE FISHERIES

## MANUFACTURED FISHERY PRODUCTS - VARIOUS YEARS

ITEM	YEAR	UNIT	MARYLAND		VIRGINIA	
			QUANTITY	VALUE	QUANTITY	VALUE
<b>BY MANUFACTURING ESTABLISHMENTS:</b>						
<b>ALEWIVES:</b>						
CANNED . . . . .	1951	STANDARD CASES	61,147	\$294,654	64,860	\$300,152
ROE, CANNED . . . . .	1951	DO	13,718	206,598	20,767	291,534
<b>SALTED:</b>						
TIGHT-PACK CUT . . . . .	1950	POUNDS	725,700	48,392	4,999,750	179,030
PICKLED OR VINEGARED <sup>2/</sup> . . . . .	1950	DO	1,389,800	211,930	1,307,200	78,600
<b>FLOUNDERS, FRESH AND FROZEN</b>						
FILLETS . . . . .	1951	DO	-	-	22,500	6,700
<b>MENHADEN:</b>						
DRY SCRAP AND HEAD . . . . .	1951	TONS	-	-	14,149	1,617,477
OIL . . . . .	1951	GALLONS	-	-	659,237	582,544
SCUP, FRESH FILLETS . . . . .	1951	POUNDS	-	-	39,000	6,800
SEA BASS, FRESH FILLETS . . . . .	1951	DO	-	-	186,000	43,600
SEA TROUT, FRESH FILLETS . . . . .	1951	DO	-	-	47,096	10,925
<b>CRABS, BLUE, HARD:</b>						
HEAT, COOKED, FRESH AND FROZEN . . . . .	1950	DO	4,813,600	4,233,650	2,597,817	2,254,542
CRAB CAKES AND DEVEILED . . . . .	1950	DO	134,319	102,079	-	-
CRABS, FROZEN . . . . .	1951	TONS	4,992	286,159	3,588	209,000
HEAL AND DRIED SCRAP . . . . .	1950	POUNDS	373,944	161,900	(3)	(3)
CRABS, BLUE, SOFT, FROZEN . . . . .	1950	DO	(3)	(3)	354,093	391,675
SHRIMP, COOKED AND PEELLED, AND FROZEN HEADLESS . . . . .	1950	DO	(3)	(3)	10,531	44,322
CLAMS, HARD, SHUCKED, FRESH AND FROZEN . . . . .	1950	GALLONS	(3)	(3)	-	-
<b>OYSTERS:</b>						
SHUCKED, FRESH AND FROZEN . . . . .	1950	DO	2,058,729	10,946,000	2,141,421	10,356,787
GRIT FDR POULTRY FEED AND BURNED AND UNBURNED LIME . . . . .	1951	TONS	-	-	11,858	173,150
<b>UNCLASSIFIED PRODUCTS:</b>						
FRESH FISH FILLETS . . . . .	1951	POUNDS	-	-	4/13,000	4/3,400
FRESH AND FROZEN FISH AND SHELLFISH, MISCELLANEOUS SPECIES . . . . .	1950	DO	5/319,584	5/193,550	6/54,124	6/19,747
<b>CANNED:</b>						
FISH . . . . .	1951	STANDARD CASES	7/78,417	7/921,501	(8)	(8)
SHELLFISH . . . . .	1951	DO	9/15,525	9/191,810	-	-
<b>CURED FISH:</b>						
SALTED FISH AND ROE . . . . .	1950	POUNDS	10/4,839,979	10/1,603,490	11/64,200	11/14,800
SMOKED FISH . . . . .	1950	DO	12/691,300	12/560,300	-	-
FISH SOLUBLES . . . . .	1951	DO	-	-	8,509,870	338,480
<b>MISCELLANEOUS PRODUCTS AND BYPRODUCTS</b>						
TOTAL . . . . .			-	13/2,220,779	-	14/246,600
				22,182,692		17,169,765
<b>FISHERMEN'S PREPARED PRODUCTS:</b>						
<b>SALTED FISH:</b>						
ALEWIVES, CUT . . . . .	1950	POUNDS	26,900	1,800	21,000	1,460
ALEWIFE ROE . . . . .	1950	DO	11,200	700	5,000	895
EELS . . . . .	1950	DO	101,200	23,950	27,000	5,400
HOGCHOKER . . . . .	1950	DO	6,800	700	-	-
MENHADEN . . . . .	1950	DO	-	-	7,000	210
SPOT . . . . .	1950	DO	-	-	2,000	340
EELS, SMOKED . . . . .	1950	DO	1,900	1,100	-	-
CRABS, BLUE, HARD, FRESH-COOKED . . . . .	1950	DO	740	500	-	-
OYSTERS, FRESH-SHUCKED . . . . .	1950	DO	640	3,800	-	-
HORSESHOE CRABS, SALTED . . . . .	1950	POUNDS	1,100	100	-	-
TOTAL . . . . .			-	31,950	-	8,305
GRAND TOTAL . . . . .			-	22,214,642	-	17,178,070

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 SECTION. 3/ INCLUDED UNDER, UNCLASSIFIED PRODUCTS. 4/ INCLUDES FRESH FILLETS OF SPANISH MACKEREL AND UNCLASSIFIED SPECIES. 5/ INCLUDES FRESH-SHUCKED CLAMS AND FROZEN ALEWIFE ROE, COD FISH CAKES, SHAD ROE, BREADED OYSTERS, SHRIMP, AND BOBBED HARD CRABS. 6/ INCLUDES FROZEN ALEWIFE ROE, SOFT BLUE CRABS, CLAM CHOWDER, AND BREADED OYSTERS. 7/ INCLUDES CANNED SHAD AND SHAD ROE, TUNA (SOLID AND FLAKES), ANCHOVY PASTE, WHITING, GROUND MENHADEN, AND ANIMAL FOOD. 8/ INCLUDES WITH MISCELLANEOUS PRODUCTS AND BYPRODUCTS. 9/ INCLUDES CANNED CRAB BISQUE AND SOUP, SOFT-SHELL CRABS, SHRIMP BISQUE AND SOUP, OYSTER BISQUE, AND CLAM BISQUE AND CHOWDER. 10/ INCLUDES SALTED AND PICKLED ANCHOVY, MACKEREL, SALMON, SEA HERRING, AND SEA HERRING ROE. 11/ INCLUDES SALTED MACKEREL AND ALEWIFE ROE. 12/ INCLUDES SMOKED BUTTERFISH, CARP, CHUB, EEL, SEA HERRING, SABLEFISH, SALMON, STURGEON, AND WHITEFISH. 13/ INCLUDES OYSTER SHELL GRIT AND UNBURNED LIME, UNCLASSIFIED FISH MEAL AND BODY OIL, AND MARINE PEARL-SHELL BUTTONS. 14/ INCLUDES UNCLASSIFIED MEAL, DRY SCRAP, AND BODY OIL; PEARL ESSENCE; AND CANNED ANIMAL FOOD. NOTE:--SOME OF THE ABOVE PRODUCTS MAY HAVE BEEN MANUFACTURED FROM RAW PRODUCTS IMPORTED FROM ANOTHER STATE OR A FOREIGN COUNTRY; THEREFORE, THEY CANNOT BE CORRELATED DIRECTLY WITH THE CATCH WITHIN THE STATE.

(A SUMMARY OF MANUFACTURED FISHERY PRODUCTS, BY COMMODITIES, WHICH IS USUALLY FOUND IN THIS LOCATION, MAY BE FOUND ON PAGE 150.)

# CHESAPEAKE FISHERIES MARYLAND

## OPERATING UNITS BY GEAR, 1951

ITEM	HAUL SEINES, COMMON	GILL NETS			LINES
		ANCHOR	DRIFT	STAKE	HAND
	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>
FISHERMEN:					
ON VESSELS . . . . .	-	-	39	-	-
ON BOATS AND SHORE:					
REGULAR . . . . .	510	135	354	341	30
CASUAL . . . . .	584	170	227	353	50
TOTAL . . . . .	1,094	305	620	694	80
VESSLS, MOTOR . . . . .	-	-	13	-	-
NET TONNAGE . . . . .	-	-	178	-	-
BOATS:					
MOTOR . . . . .	262	157	307	393	30
OTHER . . . . .	307	-	18	34	-
APPARATUS:					
NUMBER . . . . .	262	157	338	426	80
LENGTH, YARDS . . . . .	89,290	-	-	-	-
SQUARE YARDS . . . . .	-	252,200	1,291,300	869,100	-
HOOKS . . . . .	-	-	-	-	160

ITEM	LINES - CONTINUED		POUND NETS	FYKE NETS, FISH	DIP NETS, COMMON
	TRAWL OR TROT, WITH HOOKS	TROT WITH BAITS			
	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>
FISHERMEN, ON BOATS AND SHORE:					
REGULAR . . . . .	2	792	351	94	262
CASUAL . . . . .	2	231	237	78	516
TOTAL . . . . .	4	1,023	588	172	778
BOATS:					
MOTOR . . . . .	4	930	194	102	212
OTHER . . . . .	-	60	151	16	566
APPARATUS:					
NUMBER . . . . .	5	990	576	373	778
HOOKS AND BAITS . . . . .	1,300	641,900	-	-	-

ITEM	OTTER TRAWLS, FISH	POTS			
		CRAB	EEL	FISH	TURTLE
	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>
FISHERMEN:					
ON VESSELS . . . . .	61	-	-	-	-
ON BOATS AND SHORE:					
REGULAR . . . . .	-	441	330	20	12
CASUAL . . . . .	-	217	193	17	9
TOTAL . . . . .	61	658	523	37	21
VESSLS, MOTOR . . . . .	12	-	-	-	-
NET TONNAGE . . . . .	164	-	-	-	-
BOATS:					
MOTOR . . . . .	-	571	300	18	12
OTHER . . . . .	-	-	53	5	4
APPARATUS:					
NUMBER . . . . .	12	28,550	19,009	202	234
YARDS AT MOUTH . . . . .	259	-	-	-	-

(CONTINUED ON NEXT PAGE)



## CHESAPEAKE FISHERIES

## MARYLAND - OPERATING UNITS BY GEAR, 1951 - Continued

ITEM	SCRAPES	DREDGES			
		CLAM	CRAB	OYSTER	OTHER
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS . . . . .	-	24	-	454	-
ON BOATS AND SHORE:					
REGULAR . . . . .	282	-	17	122	2
CASUAL . . . . .	117	-	11	46	1
TOTAL . . . . .	399	24	28	622	3
VESSELS:					
MOTOR . . . . .	-	8	-	20	-
NET TONNAGE . . . . .	-	131	-	142	-
SAIL . . . . .	-	-	-	104	-
NET TONNAGE . . . . .	-	-	-	1,142	-
TOTAL VESSELS . . . . .	-	8	-	124	-
TOTAL NET TONNAGE . . . . .	-	131	-	1,284	-
BOATS:					
MOTOR . . . . .	297	-	23	90	2
OTHER . . . . .	-	-	-	3	-
APPARATUS:					
NUMBER . . . . .	401	8	39	418	2
YARDS AT MOUTH . . . . .	534	8	35	510	6

ITEM	TONGS		RAKES, OTHER THAN FOR OYSTERS	BY HAND, OTHER THAN FOR OYSTERS	TOTAL, EXCLUSIVE OF DUPLICATION
	OYSTER	OTHER			
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS . . . . .	-	-	-	-	524
ON BOATS AND SHORE:					
REGULAR . . . . .	3,470	29	74	151	5,042
CASUAL . . . . .	552	22	37	111	2,744
TOTAL . . . . .	4,022	51	111	262	8,310
VESSELS:					
MOTOR . . . . .	-	-	-	-	35
NET TONNAGE . . . . .	-	-	-	-	339
SAIL . . . . .	-	-	-	-	104
NET TONNAGE . . . . .	-	-	-	-	1,142
TOTAL VESSELS . . . . .	-	-	-	-	139
TOTAL NET TONNAGE . . . . .	-	-	-	-	1,481
BOATS:					
MOTOR . . . . .	2,776	15	39	98	4,284
OTHER . . . . .	137	20	38	81	1,443
APPARATUS, NUMBER . . . . .	4,022	51	111	-	-

## SUMMARY OF MANUFACTURED FISHERY PRODUCTS, BY COMMODITIES, 1951

SUMMARY OF ITEMS	YEAR	UNIT	QUANTITY	VALUE
PACKAGED FISH . . . . .	1951	POUNDS	307,596	\$71,325
CANNED FISH AND SHELLFISH . . . . .	1951	STANDARD CASES	276,509	2,293,149
FISHERY BYPRODUCTS . . . . .	1951	-	-	5,587,289
PACKAGED SHELLFISH . . . . .	1950	POUNDS	45,284,761	28,565,093
CURED FISH:				
SALTED, DRIED, AND PICKLED . . . . .	1950	DO	13,524,629	2,170,997
SMOKED . . . . .	1950	DO	693,200	561,400
MISCELLANEOUS FROZEN PACKAGED FISH AND SHELLFISH . . . . .	1950	DO	212,519	143,459
TOTAL . . . . .			-	39,392,712

NOTE:--THIS TABLE CONTAINS DATA ON BOTH MARYLAND AND VIRGINIA AND IS USUALLY FOUND AT THE END OF THE TABLE "MANUFACTURED FISHERY PRODUCTS."

# CHESAPEAKE FISHERIES

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## MARYLAND - CATCH BY GEAR, 1951

SPECIES	HAUL SEINES		GILL NETS			
			ANCHOR		DRIFT	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES . . . . .	51,100	\$1,439	26,200	\$651	22,900	\$506
BLUEFISH . . . . .	1,800	174	-	-	-	-
BUTTERFISH . . . . .	-	-	-	-	900	60
CARP . . . . .	298,400	15,739	600	26	700	32
CATFISH AND BULLHEADS . . . . .	184,900	11,616	2,700	221	5,700	419
CRAPPIE . . . . .	400	18	-	-	-	-
CROAKER . . . . .	1,531,400	208,894	2,300	362	-	-
DRUM:						
BLACK . . . . .	100	9	-	-	-	-
RED OR REDFISH . . . . .	100	7	-	-	-	-
EELS, COMMON . . . . .	3,700	382	9,000	1,120	200	28
FLOUNDERS . . . . .	1,200	167	400	47	100	18
GIZZARD SHAD . . . . .	11,000	436	700	54	200	10
HERRING, SEA . . . . .	-	-	-	-	1,500	42
HICKORY SHAD . . . . .	2,000	94	1,600	81	1,000	60
MACKEREL . . . . .	-	-	-	-	501,000	54,300
MENHADEN . . . . .	27,800	283	10,600	246	7,300	73
MULLET . . . . .	200	24	-	-	-	-
PIKE OR PICKEREL . . . . .	2,900	515	-	-	-	-
SAND PERCH . . . . .	8,500	436	-	-	-	-
SEA TROUT OR WEAKFISH, GRAY SHAD . . . . .	16,300	2,527	-	-	-	-
SHARKS . . . . .	11,500	1,781	163,600	25,641	402,500	69,084
SPOT . . . . .	95,400	9,971	-	-	19,900	590
STRIPED BASS . . . . .	605,100	147,067	133,400	33,191	523,400	138,599
SUCKERS . . . . .	4,700	220	-	-	700	86
SUNFISH . . . . .	1,100	51	-	-	-	-
WHITE PERCH . . . . .	286,400	28,013	41,200	4,736	157,200	18,056
YELLOW PERCH . . . . .	46,900	6,460	4,500	642	6,100	976
TOTAL . . . . .	3,192,900	436,323	396,800	67,018	1,651,300	282,939

SPECIES	GILL NETS-CONTINUED		LINES			
	STAKE		HAND		TRAWL OR TROT, WITH HOOKS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES . . . . .	131,600	\$2,687	-	-	-	-
BLUEFISH . . . . .	200	17	28,000	\$5,100	-	-
CARP . . . . .	12,600	692	-	-	-	-
CATFISH AND BULLHEADS . . . . .	29,700	2,001	-	-	7,800	\$546
CRAPPIE . . . . .	500	23	-	-	-	-
CROAKER . . . . .	13,900	2,655	1,300	130	-	-
DRUM:						
BLACK . . . . .	-	-	300	20	-	-
RED OR REDFISH . . . . .	-	-	800	65	-	-
EELS, COMMON . . . . .	7,400	926	-	-	-	-
FLOUNDERS . . . . .	800	93	4,200	800	-	-
GIZZARD SHAD . . . . .	7,500	397	-	-	-	-
HICKORY SHAD . . . . .	14,100	882	-	-	-	-
KING WHITING DR KINGFISH	-	-	700	60	-	-
MENHADEN . . . . .	37,500	375	-	-	-	-
PIKE OR PICKEREL . . . . .	5,400	963	-	-	-	-
SAND PERCH . . . . .	200	14	-	-	-	-
SCUP OR PORGY . . . . .	-	-	14,500	1,015	-	-
SEA TROUT OR WEAKFISH:						
GRAY . . . . .	200	35	-	-	-	-
SPOTTED . . . . .	-	-	1,200	210	-	-
SHAD . . . . .	462,000	79,237	-	-	-	-
SPOT . . . . .	300	32	3,400	175	-	-
STRIPED BASS . . . . .	631,700	156,503	7,600	1,520	-	-
SUCKERS . . . . .	600	29	-	-	-	-
SUNFISH . . . . .	1,400	73	-	-	-	-
TAUOG . . . . .	-	-	2,800	200	-	-
TUNA AND TUNALIKE FISHES, BDNTO . . . . .	-	-	400	64	-	-
WHITE PERCH . . . . .	223,900	24,972	6,000	180	-	-
YELLOW PERCH . . . . .	30,000	4,418	-	-	-	-
TURTLES, SNAPPER . . . . .	-	-	-	-	600	72
TOTAL . . . . .	1,611,500	277,024	71,200	9,539	8,400	618

(CONTINUED ON NEXT PAGE)

## CHESAPEAKE FISHERIES

## MARYLAND - CATCH BY GEAR, 1951 - Continued

SPECIES	LINES - CONTINUED		POUND NETS		FYKE NETS	
	TROT WITH BAITS		POUNDS	VALUE	POUNDS	VALUE
	POUNDS	VALUE				
ALEWIVES. . . . .	-	-	6,515,400	\$111,933	5,200	\$147
BLUEFISH. . . . .	-	-	8,800	772	100	38
BUTTERFISH. . . . .	-	-	18,400	1,362	-	-
CARP. . . . .	-	-	50,900	2,427	19,000	799
CATFISH AND BULLHEADS. . . . .	-	-	106,700	7,100	168,900	9,129
CRAPPIE. . . . .	-	-	100	5	300	31
CROAKER. . . . .	-	-	124,300	25,694	200	28
DRUM:						
BLACK. . . . .	-	-	7,100	330	-	-
RED OR REDFISH. . . . .	-	-	3,300	162	-	-
EELS, COMMON. . . . .	-	-	12,900	1,404	3,200	425
FLOUNDERS. . . . .	-	-	18,100	2,453	300	40
GIZZARD SHAD. . . . .	-	-	15,000	1,024	1,700	88
HARVESTFISH OR "STARFISH". . . . .	-	-	2,100	150	-	-
HERRING, SEA. . . . .	-	-	400	12	-	-
HICKORY SHAD. . . . .	-	-	9,500	737	-	-
MENHADEN. . . . .	-	-	346,100	3,474	-	-
MULLET. . . . .	-	-	500	33	-	-
PIKE OR PICKEREL. . . . .	-	-	1,000	187	3,800	849
SAND PERCH. . . . .	-	-	2,600	165	800	40
SCUP OR PORGY. . . . .	-	-	800	35	-	-
SEA TROUT OR WEAKFISH, GRAY	-	-	71,900	10,020	-	-
SHAD. . . . .	-	-	513,500	88,587	800	122
SKATES. . . . .	-	-	1,400	14	-	-
SPOT. . . . .	-	-	20,100	1,663	-	-
STRIPED BASS. . . . .	-	-	427,800	107,163	6,300	1,531
STURGEON. . . . .	-	-	600	128	-	-
SUCKERS. . . . .	-	-	300	14	800	44
SUNFISH. . . . .	-	-	100	6	500	27
SWELLFISH. . . . .	-	-	6,100	201	-	-
TAUTOG. . . . .	-	-	1,000	80	-	-
TUNA AND TUNALIKE FISHES:						
BONITO. . . . .	-	-	400	64	-	-
LITTLE. . . . .	-	-	600	18	-	-
WHITE PERCH. . . . .	-	-	326,400	32,579	76,200	8,885
YELLOW PERCH. . . . .	-	-	5,600	821	73,500	10,916
UNCLASSIFIED, FOR FOOD. . . . .	-	-	14,800	221	-	-
CRABS, BLUE:						
HARD. . . . .	14,899,300	\$494,250	-	-	-	-
SOFT AND PEELERS. . . . .	130,800	34,310	-	-	-	-
SQUID. . . . .	-	-	4,400	300	-	-
TOTAL. . . . .	15,030,100	528,560	8,639,000	401,338	361,600	33,139

SPECIES	DIP NETS		OTTER TRAWLS		POTS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUEFISH. . . . .	-	-	45,800	\$6,900	-	-
BUTTERFISH. . . . .	-	-	28,800	2,590	-	-
CATFISH AND BULLHEADS. . . . .	-	-	-	-	43,100	\$3,448
COD. . . . .	-	-	1,200	96	-	-
CROAKER. . . . .	-	-	177,200	27,000	-	-
DRUM, BLACK. . . . .	-	-	7,000	550	-	-
EELS:						
COMMON. . . . .	-	-	-	-	779,500	94,602
CONGER. . . . .	-	-	1,300	39	-	-
FLOUNDERS. . . . .	-	-	301,800	60,000	-	-
HAKE, WHITE. . . . .	-	-	1,300	68	-	-
HARVESTFISH OR "STARFISH". . . . .	-	-	13,200	1,300	-	-
HERRING, SEA. . . . .	-	-	3,500	100	-	-
KING WHITING OR "KINGFISH". . . . .	-	-	4,500	400	-	-
MENHADEN. . . . .	-	-	1,600	16	-	-
PIGFISH. . . . .	-	-	2,200	90	-	-
SAND PERCH. . . . .	-	-	200	8	-	-
SCUP OR PORGY. . . . .	-	-	1,002,400	80,200	-	-
SEA BASS. . . . .	-	-	320,700	48,000	-	-
SEA TROUT OR WEAKFISH, GRAY	-	-	144,600	22,000	-	-
SHAD. . . . .	-	-	400	60	-	-
SHARKS. . . . .	-	-	2,000	60	-	-
SKATES. . . . .	-	-	16,300	163	-	-
SPOT. . . . .	-	-	8,700	600	-	-
STRIPED BASS. . . . .	-	-	700	140	-	-
STURGEON. . . . .	-	-	3,100	800	-	-
SWELLFISH. . . . .	-	-	8,000	240	-	-
TAUTOG. . . . .	-	-	300	20	-	-

(CONTINUED ON NEXT PAGE)

# CHESAPEAKE FISHERIES

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## MARYLAND - CATCH BY GEAR, 1951 - Continued

SPECIES	DIP NETS		OTTER TRAWLS		POTS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
TUNA AND TUNALIKE FISHES, BONITO . . . . .	-	-	300	\$40	-	-
WHITE PERCH . . . . .	-	-	600	18	-	-
WHITING . . . . .	-	-	11,200	250	-	-
CRABS, BLUE:						
HARD . . . . .	34,500	\$1,277	-	-	12,026,400	\$401,017
SOFT AND PEELERS . . . . .	128,500	38,745	-	-	94,400	19,670
LOBSTERS, NORTHERN . . . . .	-	-	900	250	-	-
CONCHS. . . . .	-	-	58,600	2,500	-	-
SQUID . . . . .	-	-	19,400	1,360	-	-
TURTLES, SNAPPER . . . . .	-	-	-	-	34,600	4,124
<b>TOTAL . . . . .</b>	<b>163,000</b>	<b>40,022</b>	<b>2,187,800</b>	<b>255,858</b>	<b>12,978,000</b>	<b>522,861</b>

SPECIES	SCRAPES		DREDGES		TONGS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
HOGCHOKER . . . . .	-	-	11,300	\$680	-	-
CRABS, BLUE:						
HARD . . . . .	77,800	\$2,460	138,400	10,000	-	-
SOFT AND PEELERS . . . . .	1,667,900	261,900	-	-	-	-
CLAMS:						
HARD, PUBLIC . . . . .	-	-	54,000	27,000	14,100	\$7,000
HARD, PRIVATE . . . . .	-	-	3,600	1,800	26,500	13,200
SOFT, PUBLIC . . . . .	62,500	41,300	1,532,000	138,000	-	-
CONCHS. . . . .	-	-	23,000	1,200	-	-
OYSTERS, MARKET:						
PUBLIC, SPRING . . . . .	-	-	1,260,600	568,870	3,882,400	1,752,000
PUBLIC, FALL . . . . .	-	-	1,649,800	742,510	4,097,100	1,829,600
PRIVATE, SPRING . . . . .	-	-	1,496,200	737,060	508,800	253,950
PRIVATE, FALL . . . . .	-	-	1,130,800	566,700	496,200	241,670
TERRAPIN, DIAMOND-BACK . . . . .	36,800	9,175	-	-	600	150
<b>TOTAL . . . . .</b>	<b>1,865,000</b>	<b>314,835</b>	<b>7,299,700</b>	<b>2,793,820</b>	<b>9,025,700</b>	<b>4,097,570</b>

SPECIES	RAKES		BY HAND	
	POUNDS	VALUE	POUNDS	VALUE
CLAMS, HARD:				
PUBLIC . . . . .	54,000	\$27,000	32,400	\$16,200
PRIVATE . . . . .	31,200	15,600	-	-
TERRAPIN, DIAMOND-BACK . . . . .	-	-	102,500	25,625
<b>TOTAL . . . . .</b>	<b>85,200</b>	<b>42,600</b>	<b>134,900</b>	<b>41,825</b>

## VIRGINIA

### OPERATING UNITS BY GEAR, 1951

ITEM	PURSE SEINES, MENHADEN	HAUL SEINES, COMMON	GILL NETS			LINES
			ANCHOR	DRIFT	STAKE	HAND
			NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS . . . . .	537	-	-	82	-	-
ON BOATS AND SHORE:						
REGULAR . . . . .	-	700	13	408	411	50
CASUAL . . . . .	-	612	9	461	381	80
<b>TOTAL . . . . .</b>	<b>537</b>	<b>1,312</b>	<b>22</b>	<b>951</b>	<b>792</b>	<b>130</b>
VESSELS, MOTOR . . . . .	20	-	-	27	-	-
NET TONNAGE . . . . .	1,531	-	-	271	-	-

(CONTINUED ON NEXT PAGE)

## CHESAPEAKE FISHERIES

## VIRGINIA - OPERATING UNITS BY GEAR, 1951 - Continued

ITEM	PURSE SEINES, MENHADEN	HAUL SEINES, COMMON	GILL NETS			LINES
			ANCHOR	DRIFT	STAKE	HAND
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
BOATS:						
MOTOR . . . . .	-	281	11	452	456	64
OTHER . . . . .	-	305	-	47	32	3
ACCESSORY BOATS . . . . .	60	-	-	-	-	-
APPARATUS:						
NUMBER . . . . .	20	287	11	526	627	344
LENGTH, YARDS . . . . .	7,500	193,120	-	-	-	-
SQUARE YARDS . . . . .	-	-	2,940	1,139,000	466,360	-
HOOKS . . . . .	-	-	-	-	-	461
ITEM	LINES - CONTINUED		POUND NETS	STOP NETS	FYKE NETS	
	TRAWL OR TROT, WITH HOOKS	TROT WITH BAITS			CRAB	FISH
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS . . . . .	-	6	-	-	-	-
ON BOATS AND SHORE:						
REGULAR . . . . .	22	323	743	7	232	179
CASUAL . . . . .	17	202	558	-	142	89
TOTAL . . . . .	39	531	1,301	7	374	268
VESSELS, MOTOR . . . . .	-	3	-	-	-	-
NET TONNAGE . . . . .	-	16	-	-	-	-
BOATS:						
MOTOR . . . . .	29	433	443	3	260	153
OTHER . . . . .	9	29	345	1	35	27
APPARATUS:						
NUMBER . . . . .	38	465	1,208	3	1,447	833
SQUARE YARDS . . . . .	-	-	-	3,125	-	-
HOOKS AND BAITS . . . . .	28,700	302,200	-	-	-	-
ITEM	DIP NETS, COMMON	OTTER TRAWLS, FISH	SLAT TRAPS	POTS		
				CRAB	EEL	FISH
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS . . . . .	-	220	-	-	-	-
ON BOATS AND SHORE:						
REGULAR . . . . .	283	-	-	881	147	114
CASUAL . . . . .	247	-	3	460	94	46
TOTAL . . . . .	530	220	3	1,341	241	160
VESSELS, MOTOR . . . . .	-	42	-	-	-	-
NET TONNAGE . . . . .	-	1,199	-	-	-	-
BOATS:						
MOTOR . . . . .	289	-	-	1,173	168	100
OTHER . . . . .	241	-	3	-	20	9
APPARATUS:						
NUMBER . . . . .	530	42	3	58,650	2,594	1,486
YARDS AT MOUTH . . . . .	-	983	-	-	-	-
ITEM	POTS-CONT'D.	SCRAPES	OREDGES		TONGS	
	TURTLE		CRAB	OYSTER, COMMON	OYSTER	OTHER
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS . . . . .	-	-	327	239	131	4
ON BOATS AND SHORE:						
REGULAR . . . . .	19	195	78	368	1,391	289
CASUAL . . . . .	11	70	20	144	864	232
TOTAL . . . . .	30	265	425	771	2,386	525
VESSELS, MOTOR . . . . .	-	-	99	65	58	2
NET TONNAGE . . . . .	-	-	977	884	348	17
BOATS:						
MOTOR . . . . .	19	239	57	263	1,504	263
OTHER . . . . .	5	-	-	45	193	146
APPARATUS:						
NUMBER . . . . .	243	332	293	507	2,326	525
YARDS AT MOUTH . . . . .	-	377	454	563	-	-

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# CHESAPEAKE FISHERIES

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## VIRGINIA - OPERATING UNITS BY GEAR, 1951 - Continued

ITEM	RAKES		BY HAND		TOTAL, EXCLUSIVE OF DUPLICATION
	OYSTER	OTHER	OYSTER	OTHER	
	NUMBER	NUMBER	NUMBER	NUMBER	
FISHERMEN:					
ON VESSELS . . . . .	-	-	-	-	1,446
ON BOATS AND SHORE:					
REGULAR . . . . .	18	355	347	328	4,034
CASUAL . . . . .	18	370	116	93	3,843
TOTAL . . . . .	36	725	463	421	9,323
VESSELS, MOTOR . . . . .	-	-	-	-	295
NET TONNAGE . . . . .					4,939
BOATS:					
MOTOR . . . . .	11	231	84	64	3,802
OTHER . . . . .	23	307	261	252	1,909
ACCESSORY BOATS . . . . .	-	-	-	-	60
APPARATUS, NUMBER . . . . .	36	725	-	-	-

## VIRGINIA - CATCH BY GEAR, 1951

SPECIES	PURSE SEINES		HAUL SEINES		GILL NETS	
	ANCHOR					
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES . . . . .	-	-	1,323,900	\$20,662	-	-
BLUEFISH . . . . .	-	-	56,800	8,853	-	-
BUTTERFISH . . . . .	-	-	50,900	3,885	-	-
CABIO OR CRAB EATER . . . . .	-	-	3,800	564	-	-
CARP . . . . .	-	-	521,300	32,306	-	-
CATFISH AND BULLHEADS . . . . .	-	-	167,900	11,834	-	-
CROAKER . . . . .	-	-	1,609,700	246,925	2,100	\$310
DRUM:						
BLACK . . . . .	-	-	4,800	181	-	-
RED OR REDFISH . . . . .	-	-	13,600	1,005	-	-
EELS, COMMON . . . . .	-	-	29,200	2,504	-	-
FLOUNDERS . . . . .	-	-	203,300	34,125	-	-
GIZZARD SHAD . . . . .	-	-	178,700	3,421	-	-
HARVESTFISH OR "STARFISH" . . . . .	-	-	18,800	1,463	-	-
HICKORY SHAD . . . . .	-	-	18,200	901	-	-
KING WHITING OR "KINGFISH" . . . . .	-	-	22,900	1,777	-	-
MENHADEN . . . . .	118,134,000	\$1,063,206	1,697,100	11,484	-	-
MULLET . . . . .	-	-	67,600	4,866	-	-
PIGFISH . . . . .	-	-	2,300	115	-	-
PIKE OR PICKEREL . . . . .	-	-	500	40	-	-
SEA BASS . . . . .	-	-	4,400	330	-	-
SEA TROUT OR WEAKFISH:						
GRAY . . . . .	-	-	214,000	29,978	1,400	204
SPOTTED . . . . .	-	-	25,000	6,018	-	-
SHAD . . . . .	-	-	164,900	28,015	-	-
SHARKS . . . . .	-	-	17,600	352	-	-
SPANISH MACKEREL . . . . .	-	-	300	75	-	-
SPOT . . . . .	-	-	3,795,000	260,331	19,700	1,452
STRIPED BASS . . . . .	-	-	930,100	134,880	-	-
STURGEON . . . . .	-	-	500	125	-	-
SUCKERS . . . . .	-	-	4,200	270	-	-
SWELLFISH . . . . .	-	-	95,300	2,854	-	-
TAUTOG . . . . .	-	-	1,800	108	-	-
TUNA AND TUNALIKE FISHES, BONITO . . . . .	-	-	10,400	1,289	-	-
WHITE PERCH . . . . .	-	-	213,800	12,293	-	-
YELLOW PERCH . . . . .	-	-	1,700	137	-	-
TERRAPIN, DIAMOND-BACK . . . . .	-	-	1,300	290	-	-
TURTLES, SNAPPER . . . . .	-	-	2,300	240	-	-
TOTAL . . . . .	118,134,000	1,063,206	11,476,900	864,496	23,200	1,966

(CONTINUED ON NEXT PAGE)

## CHESAPEAKE FISHERIES

## VIRGINIA - CATCH BY GEAR, 1951 - Continued

SPECIES	GILL NETS - CONTINUED				LINES	
	DRIFT		STAKE		HAND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES. . . . .	31,000	\$604	60,400	\$1,146	-	-
BLUEFISH. . . . .	-	-	-	-	1,700	\$300
BUTTERFISH. . . . .	-	-	2,700	54	-	-
CABIO OR CRAB EATER . . . . .	2,300	169	-	-	400	60
CARP. . . . .	1,200	60	4,800	222	-	-
CATFISH AND BULLHEADS . . . . .	-	-	2,500	175	-	-
CROAKER . . . . .	4,300	650	-	-	4,500	730
DRUM:	-	-	-	-	-	-
BLACK . . . . .	-	-	-	-	3,700	296
RED OR REDFISH. . . . .	-	-	-	-	26,900	2,152
FLOUNDERS . . . . .	-	-	-	-	11,700	1,975
GIZZARD SHAD. . . . .	-	-	8,700	174	-	-
HERRING, SEA. . . . .	15,700	267	-	-	-	-
HICKORY SHAD. . . . .	9,000	390	19,600	925	-	-
KING WHITING OR "KINGFISH" . . . . .	-	-	-	-	200	16
MACKEREL . . . . .	4,252,300	467,660	-	-	-	-
MENHADEN. . . . .	29,100	147	19,900	100	-	-
MULLET. . . . .	10,300	824	10,500	838	-	-
PIGFISH . . . . .	-	-	-	-	200	10
SCUP OR PURGY . . . . .	-	-	-	-	3,400	240
SEA BASS. . . . .	-	-	-	-	25,800	2,095
SEA TROUT OR WEAKFISH, GRAY . . . . .	600	90	-	-	400	60
SHAD. . . . .	602,600	116,458	780,100	137,280	-	-
SHARKS. . . . .	298,600	8,903	-	-	1,900	55
SPOT. . . . .	25,400	1,524	243,100	17,941	3,500	350
STRIPPED BASS. . . . .	12,000	2,213	278,600	45,775	-	-
SUCKERS . . . . .	-	-	600	40	-	-
SWELLFISH . . . . .	-	-	-	-	1,800	54
TUNA AND TUNALIKE FISHES, BONITO . . . . .	-	-	-	-	4,200	579
WHITE PERCH . . . . .	8,500	555	41,300	2,436	-	-
CRABS, BLUE, SOFT AND PEELERS. . . . .	-	-	3,600	980	-	-
TURTLES, SNAPPER. . . . .	-	-	-	-	14,200	1,196
TOTAL . . . . .	5,302,900	600,514	1,476,400	208,086	104,500	10,168

SPECIES	LINES - CONTINUED				POUND NETS	
	TRAWL OR TROT, WITH HOOKS		TROT WITH BAITS		POUND NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES. . . . .	-	-	-	-	30,738,700	\$431,502
BLUEFISH. . . . .	-	-	-	-	91,800	13,360
BUTTERFISH. . . . .	-	-	-	-	503,100	36,114
CABIO OR CRAB EATER . . . . .	-	-	-	-	7,000	1,002
CARP. . . . .	-	-	-	-	52,200	2,417
CATFISH AND BULLHEADS . . . . .	70,000	\$5,600	66,900	\$5,030	48,900	3,314
CROAKER . . . . .	-	-	-	-	1,170,400	185,693
DRUM:	-	-	-	-	-	-
BLACK . . . . .	-	-	-	-	44,700	2,107
RED OR REDFISH. . . . .	-	-	-	-	31,100	2,212
EELS, COMMON. . . . .	-	-	-	-	56,100	4,768
FLOUNDERS . . . . .	-	-	-	-	279,000	46,518
GIZZARD SHAD. . . . .	-	-	-	-	27,500	460
HARVESTFISH OR "STARFISH" . . . . .	-	-	-	-	194,500	15,418
HERRING, SEA. . . . .	-	-	-	-	32,800	656
HICKORY SHAD. . . . .	-	-	-	-	106,000	5,200
KING WHITING OR "KINGFISH" . . . . .	-	-	-	-	31,700	2,482
MENHADEN. . . . .	-	-	-	-	7,019,800	35,100
MULLET. . . . .	-	-	-	-	56,100	4,388
PIGFISH . . . . .	-	-	-	-	9,300	479
SCUP OR PORGY . . . . .	-	-	-	-	19,800	1,322
SEA BASS. . . . .	-	-	-	-	19,500	1,394
SEA ROBIN . . . . .	-	-	-	-	70,300	2,110
SEA TROUT OR WEAKFISH:	-	-	-	-	-	-
GRAY. . . . .	-	-	-	-	1,252,100	194,317
SPOTTED . . . . .	-	-	-	-	37,900	8,915
SHAD. . . . .	-	-	-	-	1,650,800	282,208
SHARKS. . . . .	-	-	-	-	27,600	731
SPANISH MACKEREL . . . . .	-	-	-	-	6,400	1,490
SPOT. . . . .	-	-	-	-	931,800	71,903

(CONTINUED ON NEXT PAGE)

# CHESAPEAKE FISHERIES

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## VIRGINIA - CATCH BY GEAR, 1951 - Continued

SPECIES	LINES - CONTINUED				POUND NETS	
	TRAWL OR TROT, WITH HOOKS		TROT WITH BAITS		POUNDS	VALUE
	POUNDS	VALUE	POUNDS	VALUE		
STRIPED BASS. . . . .	-	-	-	-	364,500	\$56,260
STURGEON. . . . .	-	-	-	-	8,900	2,225
SUCKERS. . . . .	-	-	-	-	1,100	65
SWELLFISH. . . . .	-	-	-	-	515,400	15,457
TAUTOG. . . . .	-	-	-	-	19,300	1,196
TUNA AND TUNALIKE FISHES:						
BONITO. . . . .	-	-	-	-	11,400	954
LITTLE. . . . .	-	-	-	-	11,100	443
WHITE PERCH. . . . .	-	-	-	-	96,100	5,283
CRABS, BLUE:						
HARD. . . . .	-	-	5,835,400	\$175,576	65,200	1,059
SOFT AND PEELERS. . . . .	-	-	63,600	15,170	-	-
SQUID. . . . .	-	-	-	-	1,000	120
TURTLES:						
LOGGERHEAD. . . . .	-	-	-	-	1,200	22
SNAPPER. . . . .	1,300	\$104	4,700	376	-	-
TOTAL. . . . .	71,300	5,704	5,970,600	196,152	45,612,100	1,440,664

SPECIES	STOP NETS		FYKE NETS		DIP NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES. . . . .	-	-	445,100	\$8,197	-	-
CARP. . . . .	25,900	\$957	98,700	3,664	-	-
CATFISH AND BULLHEADS. . . . .	-	-	168,400	12,723	-	-
CROAKER. . . . .	-	-	700	108	-	-
EELS, COMMON. . . . .	-	-	39,500	3,958	-	-
FLOUNDERS. . . . .	-	-	23,700	4,180	-	-
GIZZARD SHAD. . . . .	-	-	58,600	1,053	-	-
HARVESTFISH OR "STARFISH". . . . .	-	-	200	16	-	-
HICKORY SHAD. . . . .	-	-	4,100	200	-	-
MENHADEN. . . . .	-	-	94,000	471	-	-
MULLET. . . . .	-	-	8,200	628	-	-
SEA TROUT OR WEAKFISH, GRAY	-	-	1,000	144	-	-
SHAD. . . . .	-	-	96,000	16,826	-	-
SPOT. . . . .	-	-	9,100	652	-	-
STRIPED BASS. . . . .	-	-	217,600	36,870	-	-
SUCKERS. . . . .	-	-	7,100	483	-	-
SWELLFISH. . . . .	-	-	7,300	219	-	-
WHITE PERCH. . . . .	-	-	160,600	9,968	-	-
YELLOW PERCH. . . . .	-	-	2,800	223	-	-
CRABS, BLUE:						
HARD. . . . .	-	-	34,900	1,005	7,300	\$218
SOFT AND PEELERS. . . . .	-	-	959,000	159,760	94,700	27,350
TERRAPIN, DIAMOND-BACK. . . . .	-	-	9,100	2,275	-	-
TURTLES, SNAPPER. . . . .	-	-	2,300	260	-	-
TOTAL. . . . .	25,900	957	2,448,000	263,883	102,000	27,568

SPECIES	OTTER TRAWLS		SLAT TRAPS		POTS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES. . . . .	400	\$8	4,500	\$90	-	-
BLUEFISH. . . . .	27,000	4,156	-	-	-	-
BUTTERFISH. . . . .	180,000	14,124	-	-	-	-
CATFISH AND BULLHEADS. . . . .	-	-	-	-	672,400	\$52,145
COD. . . . .	2,000	80	-	-	-	-
CROAKER. . . . .	1,431,700	221,574	-	-	-	-
DRUM:						
BLACK. . . . .	5,300	232	-	-	-	-
RED OR REDFISH. . . . .	4,200	256	-	-	-	-
EELS:						
COMMON. . . . .	-	-	-	-	299,300	30,210
CONGER. . . . .	10,200	266	-	-	-	-
FLOUNDERS. . . . .	1,488,200	241,470	-	-	-	-
HAKE, WHITE. . . . .	36,400	1,450	-	-	-	-
HARVESTFISH OR "STARFISH". . . . .	68,300	5,236	-	-	-	-
HERRING, SEA. . . . .	30,600	435	-	-	-	-
KING WHITING OR "KINGFISH". . . . .	47,000	3,648	-	-	-	-
HACKEREL. . . . .	185,300	22,032	-	-	-	-
PIGFISH. . . . .	19,500	975	-	-	-	-

(CONTINUED ON NEXT PAGE)

## CHESAPEAKE FISHERIES

## VIRGINIA - CATCH BY GEAR, 1951 - Continued

SPECIES	OTTER TRAWLS		SLAT TRAPS		POTS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
SAND PERCH. . . . .	1,700	\$50	-	-	-	-
SCUP OR PORGY . . . . .	10,054,600	903,072	-	-	-	-
SEA BASS. . . . .	8,721,900	877,580	-	-	-	-
SEA ROBIN . . . . .	33,000	1,080	-	-	-	-
SEA TROUT OR WEAKFISH:						
GRAY. . . . .	509,200	89,495	-	-	-	-
SPOTTED . . . . .	1,600	400	-	-	-	-
SHARKS. . . . .	111,400	3,173	-	-	-	-
SPOT. . . . .	2,900	168	-	-	-	-
STRIPED BASS. . . . .	800	112	-	-	-	-
STURGEON. . . . .	3,300	825	-	-	-	-
SWELLFISH . . . . .	53,300	1,596	-	-	-	-
TAUTOG. . . . .	3,700	223	-	-	-	-
TILEFISH. . . . .	16,200	1,296	-	-	-	-
TUNA, LITTLE. . . . .	400	16	-	-	-	-
WHITE PERCH . . . . .	13,100	380	-	-	-	-
WHITING . . . . .	17,200	516	-	-	-	-
CRABS, BLUE:						
HARD. . . . .	-	-	-	-	22,947,100	\$689,750
SOFT AND PEELERS. . . . .	-	-	-	-	251,600	50,325
LOBSTERS, NORTHERN. . . . .	2,200	770	-	-	-	-
CONCHS. . . . .	20,400	1,020	-	-	-	-
SQUID . . . . .	59,400	4,666	-	-	-	-
TURTLES, SNAPPER. . . . .	-	-	-	-	40,500	4,561
TOTAL. . . . .	23,162,400	2,402,380	4,500	\$90	24,210,900	826,991

SPECIES	SCRAPES		DREDGES		TONGS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CRABS, BLUE:						
HARD. . . . .	19,400	\$580	8,671,500	\$592,498	-	-
SOFT AND PEELERS. . . . .	2,579,700	513,340	20,000	4,000	-	-
CLAMS, HARD:						
PUBLIC. . . . .	-	-	171,500	84,260	171,900	\$83,785
PRIVATE . . . . .	-	-	21,000	9,703	266,300	129,766
CONCHS. . . . .	-	-	46,200	2,310	-	-
OYSTERS, MARKET:						
PUBLIC, SPRING. . . . .	-	-	26,600	9,390	1,126,000	393,400
PUBLIC, FALL. . . . .	-	-	86,600	30,090	1,406,300	484,803
PRIVATE, SPRING . . . . .	-	-	4,883,400	1,722,090	982,300	346,664
PRIVATE, FALL . . . . .	-	-	5,214,600	1,827,149	1,024,200	357,765
SCALLOPS, SEA . . . . .	-	-	43,000	28,000	-	-
TERRAPIN, DIAMOND-BACK. . . . .	3,000	705	-	-	-	-
TOTAL. . . . .	2,602,100	514,625	19,184,400	4,309,490	4,977,000	1,796,183

SPECIES	RAKES		BY HAND	
	POUNDS	VALUE	POUNDS	VALUE
CRABS, BLUE, SOFT, AND PEELERS. . . . .	-	-	26,000	\$6,500
CLAMS, HARD:				
PUBLIC. . . . .	245,400	\$119,780	106,900	52,400
PRIVATE . . . . .	264,500	137,397	19,500	9,340
CONCHS. . . . .	-	-	6,000	300
OYSTERS, MARKET:				
PUBLIC, SPRING. . . . .	-	-	1,800	600
PUBLIC, FALL. . . . .	-	-	2,000	670
PRIVATE, SPRING . . . . .	24,300	8,200	117,900	37,700
PRIVATE, FALL . . . . .	9,000	3,300	171,300	54,690
TERRAPIN, DIAMOND-BACK. . . . .	-	-	3,800	950
TOTAL. . . . .	543,200	268,677	455,200	163,150

POTOMAC RIVER SHAD AND ALEWIFE FISHERY

The catch of shad in the Potomac River during 1951 amounted to 296,478 fish weighing 877,100 pounds, and valued at \$148,937 to the fishermen. The catch of alewives in the Potomac for the same year was 31,604,400 fish weighing 14,722,400 pounds, valued at \$193,736.

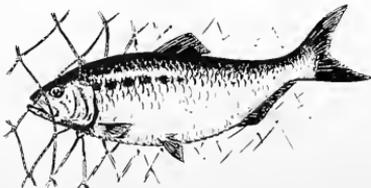
Compared with 1950, the catch of shad decreased 6 percent while the value increased 6 percent. Alewives registered an increase of 19 percent in quantity and 9 percent in value compared with the landings of the previous year.

A total of 456 fishermen were employed in this fishery, 234 less than the number fishing 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 OPERATING UNITS AND CATCH, 1951

ITEM	MARYLAND			VIRGINIA			TOTAL		
	NUMBER			NUMBER			NUMBER		
<b>FISHERMEN, ON BOATS AND SHORE:</b>									
REGULAR. . . . .	67			189					256
CASUAL. . . . .	47			153					200
TOTAL. . . . .	114			342					456
<b>BOATS:</b>									
MOTOR. . . . .	42			143					185
OTHER. . . . .	26			75					101
<b>APPARATUS:</b>									
HAUL SEINES, COMMON LENGTH, YARDS. . .	5			17					22
1,900				9,630					11,530
<b>GILL NETS:</b>									
DRIFT. . . . .	13			28					41
SQUARE YARDS. . .	36,300			63,900					100,200
STAKE. . . . .	25			82					107
SQUARE YARDS. . .	42,600			67,500					110,100
POUND NETS. . . . .	45			208					253
FYKE NETS. . . . .	-			77					77
<b>CATCH</b>	<u>NUMBER</u>	<u>POUNDS</u>	<u>VALUE</u>	<u>NUMBER</u>	<u>POUNDS</u>	<u>VALUE</u>	<u>NUMBER</u>	<u>POUNDS</u>	<u>VALUE</u>
<b>SHAD CAUGHT:</b>									
HAUL SEINES. . . .	438	1,000	\$162	6,758	18,800	\$3,185	7,196	19,800	\$3,347
DRIFT GILL NETS. .	6,500	19,600	3,370	45,700	139,200	23,300	52,200	158,800	26,670
STAKE GILL NETS. .	13,200	40,300	6,700	75,500	218,500	37,200	88,700	258,800	43,900
POUND NETS. . . .	1,900	5,700	965	142,800	424,000	72,370	144,700	429,700	73,335
FYKE NETS. . . . .	-	-	-	3,682	10,000	1,685	3,682	10,000	1,685
TOTAL. . . . .	22,038	66,600	11,197	274,440	810,500	137,740	296,478	877,100	148,937
<b>ALEWIVES CAUGHT:</b>									
HAUL SEINES. . . .	7,300	3,300	62	127,300	59,300	1,065	134,600	62,600	1,127
DRIFT GILL NETS. .	1,600	700	12	-	-	-	1,600	700	12
STAKE GILL NETS. .	15,200	6,600	127	-	-	-	15,200	6,600	127
POUND NETS. . . .	408,000	189,100	3,160	30,941,000	14,415,400	188,388	31,349,000	14,604,500	191,548
FYKE NETS. . . . .	-	-	-	104,000	48,000	922	104,000	48,000	922
TOTAL. . . . .	432,100	199,700	3,361	31,172,300	14,522,700	190,375	31,604,400	14,722,400	193,736



## SECTION 5 - SOUTH ATLANTIC FISHERIES

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

This section contains information collected on the fisheries of the South Atlantic States (North Carolina, South Carolina, Georgia, and the East Coast of Florida for 1951). Data are also shown in this section for the West Coast of Florida and the entire State of Florida, although this information is not included in the total catch and operating unit data for the South Atlantic Section.

The 1951 catch of fish and shellfish in the South Atlantic Section amounted to 310,783,500 pounds valued at \$17,966,110 to the fishermen. This represented an increase of 19 percent in volume but a decrease of 5 percent in value compared with the landings of the previous year. The menhaden fishery totaled 188,090,200 pounds and comprised 61 percent of the total landings. Shrimp (27,771,200 pounds, valued at \$7,382,509) accounted for 9 percent of the total poundage but 41 percent of the total value. The number of fishermen operating in the South Atlantic Area during 1951 amounted to 13,503 compared with 13,519 fishermen during the previous year. There were 1,123 fishing vessels of 5 net tons and over operating in this area during 1951.

During 1951, the fisheries of the South Atlantic Area increased their volume markedly in spite of labor shortages, bad weather, and wage and price disagreements. In North Carolina the Department of Conservation and Development opened the shrimp season on June 1, a month earlier than usual and, in addition, following a one-month trial, night shrimping was permitted throughout the season. In the early spring, large quantities of seaweed appeared in the waters off Southport, North Carolina. This seaweed remained throughout the year and interfered with shrimping operations in outside waters. Consequently the season was shortened, as the boats which usually leave Pamlico Sound for two months of outside shrimping, were unable to operate after the shrimp had left the Sound. The Southport fishery, which operates entirely in outside waters, was crippled by a strike during September, which is normally the peak month in that area. The dispute was caused by a price disagreement, and before it was settled, the shrimp were no longer available. Although the 1951 shrimp production in North Carolina recorded a slight decrease compared with 1950, there was reason to believe that the exceptionally good shrimp season in Pamlico Sound may have offset adverse conditions elsewhere. Crabs were plentiful in North Carolina during 1951, with the production of this item showing an increase of over a million pounds compared with the landings of the previous year. The abundance of crabs however caused the price to drop to two cents per pound. Increased use of the clam dredge in North Carolina failed to show any increase in the production of clams with the poundage being slightly less than that of the previous year. Oyster production recorded a noticeable increase in 1951 as a result of the state shell-planting program.

Shrimp landings in South Carolina and Georgia during 1951 were far below the production of the previous year. Georgia permitted shrimping in the sounds and this eased the situation somewhat in that area. In spite of a poor season, prices remained low due to imports and heavy production in the Gulf. Most of the large trawlers moved to better fishing grounds off Florida. Prior to 1951, the State of Georgia closed all bays to shrimp trawling. In 1951, for experimental purposes, several bays were opened to commercial trawling. The breaded shrimp industry expanded noticeably in this area during the year.

Menhaden production (188,090,000 pounds) was 28 percent higher than during 1950, although only 62 percent of the record 1938 production. The increase from 1950 was primarily due to larger landings on the East Coast of Florida. Production in North Carolina dropped 20 million pounds. A relatively small catch was reported from South Carolina. As usual in recent years, there were no menhaden landed in Georgia. In 1951 menhaden accounted for 75 percent of the weight and 24 percent of the value of finfish in the area.

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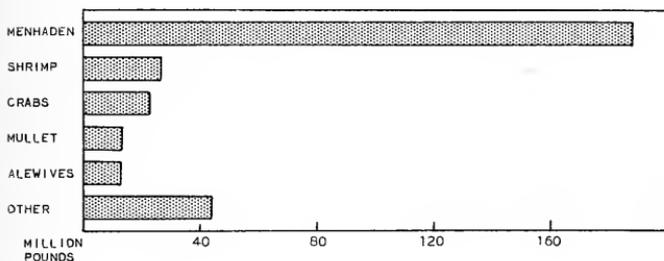
<sup>6</sup> This number was assigned to this area by the North Atlantic Council on Fishery Investigations.

# SOUTH ATLANTIC FISHERIES

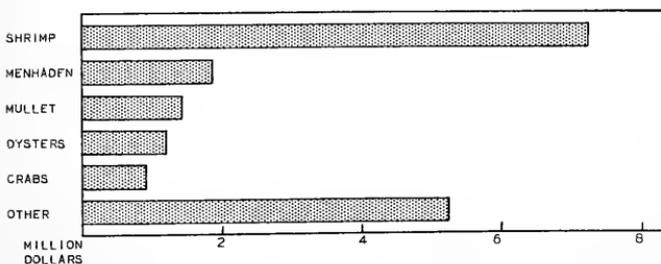
Condensed summary data of the operating units and catch by states of the South Atlantic Fisheries, appearing on the following pages, have been previously published in Current Fishery Statistics No. 914. Summary information on the Florida operating units and catch by coasts appear at the end of this section so that statistics on the entire Florida fishery may be found in a single section. Detailed data on the West Coast of Florida may be found in Section 6.



### SOUTH ATLANTIC STATES CATCH, 1951



### VALUE OF SOUTH ATLANTIC STATES CATCH, 1951



# SOUTH ATLANTIC FISHERIES

## SECTIONAL SUMMARIES

### SUMMARY OF CATCH, 1951

PRODUCT	NORTH CAROLINA		SOUTH CAROLINA		GEORGIA	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FISH . . . . .	139,058,900	\$3,214,723	9,830,900	\$673,029	817,200	\$149,937
SHELLFISH, ETC. . . . .	18,805,900	3,114,348	8,230,700	1,610,146	14,430,900	2,464,803
TOTAL . . . . .	157,864,800	6,329,071	18,061,600	2,283,175	15,248,100	2,614,740

PRODUCT	FLORIDA, EAST COAST		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE
FISH . . . . .	102,665,100	\$3,810,695	252,372,100	\$7,848,384
SHELLFISH, ETC. . . . .	16,943,900	2,928,429	58,411,400	10,117,726
TOTAL . . . . .	119,609,000	6,739,124	310,783,500	17,966,110

NOTE:--DATA SHOWING THE TOTAL FLORIDA CATCH FOR 1951 MAY BE FOUND AT THE END OF THIS SECTION.

### SUMMARY OF OPERATING UNITS, 1951

ITEM	NORTH CAROLINA	SOUTH CAROLINA	GEORGIA	FLORIDA, EAST COAST	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
<b>FISHERMEN:</b>					
ON VESSELS . . . . .	1,940	958	550	673	3,471
ON BOATS AND SHORE:					
REGULAR . . . . .	3,893	792	265	1,492	6,432
CASUAL . . . . .	1,664	895	290	751	3,600
TOTAL . . . . .	7,487	2,645	1,105	2,916	13,503
<b>VESSELS:</b>					
MOTOR . . . . .	494	375	268	180	1,120
NET TONNAGE . . . . .	7,044	5,058	3,192	2,742	14,512
SAIL . . . . .	3	-	-	-	3
NET TONNAGE . . . . .	39	-	-	-	39
TOTAL VESSELS . . . . .	497	375	268	180	1,123
TOTAL NET TONNAGE . . . . .	7,083	5,058	3,192	2,742	14,551
<b>BOATS:</b>					
MOTOR . . . . .	1,790	154	171	643	2,758
OTHER . . . . .	1,187	944	294	805	3,230
ACCESSORY BOATS . . . . .	261	33	-	24	273
<b>APPARATUS:</b>					
<b>PURSE SEINES:</b>					
MENHADEN . . . . .	47	11	-	8	51
LENGTH, YARDS . . . . .	18,525	4,400	-	3,200	20,125
OTHER . . . . .	14	-	-	-	14
LENGTH, YARDS . . . . .	4,200	-	-	-	4,200
<b>HAUL SEINES:</b>					
COMMON . . . . .	248	46	1	67	362
LENGTH, YARDS . . . . .	48,468	14,550	100	24,420	87,538
LONG . . . . .	115	-	-	-	115
LENGTH, YARDS . . . . .	85,850	-	-	-	85,850
<b>GILL NETS:</b>					
ANCHOR . . . . .	327	-	-	39	366
SQUARE YARDS . . . . .	276,570	-	-	39,050	315,620
ORIFT . . . . .	411	77	76	11	575
SQUARE YARDS . . . . .	242,830	65,100	43,050	13,800	364,780
RUNAROUND . . . . .	332	34	10	512	888
SQUARE YARDS . . . . .	232,300	19,200	6,500	800,950	1,058,950
STAKE . . . . .	713	25	55	-	793
SQUARE YARDS . . . . .	162,780	25,000	29,470	-	217,250
TRAMMEL NETS . . . . .	-	-	-	28	28
SQUARE YARDS . . . . .	-	-	-	33,550	33,550
<b>LINES:</b>					
HAND . . . . .	101	17	-	983	1,098
HOOKS . . . . .	163	17	-	1,676	1,850
<b>TRAWL OR TROT, WITH</b>					
HOOKS . . . . .	12	2	31	33	78
HOOKS . . . . .	4,400	1,000	3,500	19,800	28,700
TROLL . . . . .	-	-	-	727	727
HOOKS . . . . .	-	-	-	804	804
TROT WITH BAITS . . . . .	413	226	134	10	783
BAITS . . . . .	387,500	90,700	110,300	6,460	594,960

(CONTINUED ON NEXT PAGE)

# SOUTH ATLANTIC FISHERIES

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## SUMMARY OF OPERATING UNITS, 1951 - Continued

ITEM	NORTH CAROLINA	SOUTH CAROLINA	GEORGIA	FLORIDA, EAST COAST	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
<b>APPARATUS - CONTINUED</b>					
POUND NETS, . . . . .	1,770	-	-	5	1,775
FYKE NETS, FISH, . . . . .	239	-	-	-	239
DIP NETS, COMMON, . . . . .	250	-	2	-	273
CAST NETS, . . . . .	-	21	6	78	84
<b>OTTER TRAWLS:</b>					
CRAB, . . . . .	125	4	-	-	129
YARDS AT MOUTH, . . . . .	1,332	120	-	-	1,452
FISH, . . . . .	101	-	-	-	100
YARDS AT MOUTH, . . . . .	1,628	-	-	-	1,808
SHRIMP, . . . . .	959	481	323	154	1,737
YARDS AT MOUTH, . . . . .	19,619	9,902	6,603	3,264	35,471
CHANNEL NETS, . . . . .	108	-	-	-	108
YARDS AT MOUTH, . . . . .	2,484	-	-	-	2,484
<b>POTS:</b>					
CRAB, . . . . .	-	-	1,890	11,285	13,175
EEL, . . . . .	440	-	-	-	440
FISH, . . . . .	2,840	100	250	1,600	4,790
LOBSTERS, SPINY, . . . . .	-	-	-	12,312	12,312
TURTLE, . . . . .	268	-	-	-	268
SPEARS, . . . . .	197	88	-	65	350
<b>DREDGES:</b>					
CLAM, . . . . .	69	-	-	-	69
YARDS AT MOUTH, . . . . .	70	-	-	-	70
OYSTER, . . . . .	426	-	-	-	426
YARDS AT MOUTH, . . . . .	507	-	-	-	507
TONGS, OYSTER, . . . . .	120	2	19	2	143
RAKES, OTHER THAN FOR OYSTERS, . . . . .	390	14	-	-	404
GRABS, . . . . .	-	508	74	-	582

NOTE:--DATA SHOWING THE TOTAL NUMBER OF OPERATING UNITS IN FLORIDA FOR 1951, MAY BE FOUND AT THE END OF THIS SECTION.

## CATCH BY STATES, 1951

SPECIES	NORTH CAROLINA		SOUTH CAROLINA		GEORGIA	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
<b>FISH</b>						
ALEWIVES, . . . . .	12,534,500	\$129,267	-	-	-	-
BLUEFISH, . . . . .	925,900	104,901	11,800	\$1,770	-	-
BOWFIN, . . . . .	14,200	416	-	-	-	-
BUTTERFISH, . . . . .	24,900	1,602	-	-	-	-
CABID OR CRAB EATER, . . . . .	600	46	-	-	-	-
CARP, . . . . .	1,290,700	39,156	6,000	180	-	-
CATFISH AND BULLHEADS, . . . . .	529,900	50,834	38,000	11,400	104,000	\$25,250
CROAKER, . . . . .	2,102,100	112,531	22,000	1,100	-	-
<b>DRUM:</b>						
BLACK, . . . . .	84,300	2,986	7,000	660	1,000	30
RED OR REDFISH, . . . . .	182,400	21,888	120,000	32,000	20,000	3,000
EELS, COMMON, . . . . .	32,600	1,662	-	-	-	-
FLOUNDERS, . . . . .	1,478,800	254,846	95,700	22,495	46,200	4,720
GROUPERS, . . . . .	100	15	-	-	-	-
HARVESTFISH OR STARFISH, . . . . .	555,700	34,624	-	-	-	-
HICKORY SHAD, . . . . .	196,000	14,007	10,800	1,890	5,900	885
HOGFISH, . . . . .	2,000	60	-	-	-	-
KING MACKEREL, . . . . .	300	36	-	-	-	-
KING WHITING OR "KINGFISH", . . . . .	1,122,100	100,373	88,000	7,920	387,200	29,605
MACKEREL, . . . . .	5,000	200	-	-	-	-
MENHADEN, . . . . .	104,012,900	978,562	4,476,900	44,769	-	-
MULLET, . . . . .	4,013,000	393,356	1,893,000	227,070	8,800	1,056
PIGFISH, . . . . .	304,200	10,570	-	-	-	-
PIKE OR PICKEREL, . . . . .	1,600	285	-	-	-	-
PINFISH, . . . . .	568,000	2,840	-	-	-	-
POMPANO, . . . . .	16,000	5,490	-	-	-	-
SAND PERCH, . . . . .	300	22	-	-	-	-
SCUP OR PORGY, . . . . .	152,800	7,650	-	-	-	-
SEA BASS, . . . . .	94,000	9,818	185,000	25,900	-	-

(CONTINUED ON NEXT PAGE)

## SOUTH ATLANTIC FISHERIES

## CATCH BY STATES, 1951 - Continued

SPECIES	NORTH CAROLINA		SOUTH CAROLINA		GEORGIA	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FISH-CONTINUED						
SEA TROUT OR WEAFFISH:						
GRAY . . . . .	1,262,900	\$126,403	-	-	-	-
SPOTTED . . . . .	267,400	80,840	119,000	\$37,050	31,000	\$10,850
SHAD . . . . .	1,244,500	300,116	96,100	43,245	206,100	72,865
SHARKS . . . . .	6,600	390	-	-	-	-
SHEEPSHEAD, SALT-WATER . . . . .	5,900	570	-	-	800	80
SNAPPER, RED . . . . .	7,500	1,500	-	-	-	-
SPANISH MACKEREL . . . . .	206,300	31,781	-	-	-	-
SPOT . . . . .	4,614,500	210,728	2,646,000	211,680	1,200	96
STRIPED BASS . . . . .	702,200	134,110	-	-	-	-
STURGEON . . . . .	4,300	865	15,600	3,900	5,000	1,500
SUCKERS . . . . .	800	76	-	-	-	-
SUNFISH . . . . .	7,300	292	-	-	-	-
SWELLFISH . . . . .	50,500	2,848	-	-	-	-
WHITE PERCH . . . . .	394,100	42,213	-	-	-	-
YELLOW PERCH . . . . .	39,200	3,928	-	-	-	-
TOTAL FISH . . . . .	139,058,900	3,214,723	9,830,900	673,029	817,200	149,937
SHELLFISH, ETC.						
CRABS, BLUE:						
HARD . . . . .	7,822,200	212,035	2,548,200	76,446	6,526,400	256,448
SOFT AND PEELERS . . . . .	167,000	24,906	2,500	500	-	-
TOTAL CRABS . . . . .	7,989,200	236,941	2,550,700	76,946	6,526,400	256,448
SHRIMP . . . . .	8,199,500	1,949,907	3,730,500	1,043,359	7,608,000	2,133,350
CLAMS, HARD, PUBLIC . . . . .	834,800	192,051	18,400	7,051	-	-
OYSTERS, MARKET:						
PUBLIC, SPRING . . . . .	450,600	187,954	229,600	57,400	-	-
PUBLIC, FALL . . . . .	895,400	370,400	126,500	31,625	-	-
PRIVATE, SPRING . . . . .	100,700	39,356	1,012,200	253,025	154,400	38,600
PRIVATE, FALL . . . . .	85,200	34,412	561,900	140,450	138,300	33,555
TOTAL OYSTERS . . . . .	1,531,900	632,122	1,930,200	482,500	292,700	72,155
SCALLOPS, BAY . . . . .	183,400	95,696	-	-	-	-
SQUID . . . . .	300	6	-	-	-	-
TERRAPIN, DIAMOND-BACK . . . . .	-	-	900	290	3,800	2,850
TURTLES, SNAPPER . . . . .	66,500	7,550	-	-	-	-
FROGS . . . . .	300	75	-	-	-	-
TOTAL SHELLFISH, ETC. . . . .	18,805,900	3,114,348	8,230,700	1,610,146	14,430,900	2,464,803
GRAND TOTAL . . . . .	157,864,800	6,329,071	18,061,600	2,283,175	15,248,100	2,614,740

SPECIES	FLORIDA, EAST COAST		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE
FISH				
ALEWIVES . . . . .	513,600	\$10,272	13,048,100	\$139,539
AMBERJACK . . . . .	25,800	1,032	25,800	1,032
ANGELFISH . . . . .	11,000	220	11,000	220
BARRACUDA . . . . .	55,300	2,765	55,300	2,765
BLUEFISH . . . . .	1,431,100	214,665	2,368,800	321,336
BLUE RUNNER OR HARDTAIL . . . . .	163,600	9,440	163,600	9,440
BOWFIN . . . . .	-	-	14,200	416
BUTTERFISH . . . . .	1,800	168	26,700	1,770
CABIO OR CRAB EATER . . . . .	16,900	1,420	17,500	1,466
CARP . . . . .	-	-	1,296,700	39,336
CATFISH AND BULLHEADS . . . . .	1,024,600	163,936	1,696,500	251,420
CERO . . . . .	4,200	378	4,200	378
CIGARFISH . . . . .	100	5	100	5
CREVALLE . . . . .	217,300	6,519	217,300	6,519
CROAKER . . . . .	121,300	12,130	2,245,400	125,761
DOLPHIN . . . . .	26,200	2,620	26,200	2,620
DRUM:				
BLACK . . . . .	163,800	8,190	256,100	11,866
RED OR REDFISH . . . . .	135,500	17,865	457,900	74,753
EELS, COMMON . . . . .	15,900	2,385	48,500	4,067
FLOUNDERS . . . . .	44,600	8,026	1,665,300	290,087
GOATFISH . . . . .	144,800	14,480	144,800	14,480
GROUPERS . . . . .	1,301,800	143,198	1,301,900	143,213
GRUNTS . . . . .	112,700	9,016	112,700	9,016
HARVESTFISH OR STARFISH . . . . .	-	-	555,700	34,624

(CONTINUED ON NEXT PAGE)

# SOUTH ATLANTIC FISHERIES

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## CATCH BY STATES, 1951 - Continued

SPECIES	FLORIDA, EAST COAST		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE
<b>FISH-CONTINUED</b>				
HICKORY SHAD. . . . .	60,100	\$2,404	272,800	\$19,186
HOGFISH . . . . .	26,000	3,120	28,000	3,180
JEWFISH . . . . .	54,400	2,720	54,400	2,720
KING MACKEREL . . . . .	1,972,700	295,705	1,973,000	295,741
KING WHITING OR "KINGFISH". . . . .	1,166,600	119,090	2,763,900	256,986
MACKEREL . . . . .	-	-	5,000	200
MENHADEN. . . . .	79,600,400	822,877	188,090,200	1,846,208
MULLET. . . . .	7,944,700	823,105	13,859,500	1,444,587
MUTTONFISH. . . . .	105,600	17,952	105,600	17,952
PERMIT. . . . .	19,100	1,337	19,100	1,337
PIGFISH . . . . .	14,300	1,001	318,500	11,571
PIKE OR PICKEREL. . . . .	-	-	1,600	285
PINFISH . . . . .	291,000	14,550	859,000	17,390
POMPANO . . . . .	485,000	242,500	501,000	247,990
PORKFISH. . . . .	1,700	85	1,700	85
SAND PERCH. . . . .	-	-	300	22
SCUP OR PORGY . . . . .	10,300	1,133	163,100	8,783
SEA BASS. . . . .	-	-	279,000	35,718
SEA CATFISH . . . . .	93,300	4,699	93,300	4,699
SEA TROUT OR WEAKFISH:				
GRAY. . . . .	80,600	8,825	1,343,500	135,228
SPOTTED . . . . .	1,236,800	284,464	1,654,200	413,204
SHAD. . . . .	335,800	53,728	1,882,500	469,954
SHARKS. . . . .	8,000	172	14,600	562
SHEEPSHEAD, SALT-WATER. . . . .	95,200	8,805	101,900	9,455
SNAPPERS:				
MANGROVE. . . . .	249,300	34,902	249,300	34,902
RED . . . . .	510,100	140,538	517,600	142,038
YELLOWTAIL. . . . .	227,600	47,796	227,600	47,796
SNOOK OR SERGEANTFISH . . . . .	191,800	24,934	191,800	24,934
SPANISH MACKEREL. . . . .	1,976,700	197,670	2,183,000	229,451
SPOT. . . . .	280,500	22,440	7,542,200	444,944
STRIPED BASS. . . . .	-	-	702,200	134,110
STURGEON. . . . .	-	-	24,900	6,265
SUCKERS . . . . .	-	-	800	76
SUNFISH . . . . .	-	-	7,300	292
SWELLFISH . . . . .	-	-	50,500	2,648
TENPOUNDER. . . . .	45,200	1,356	45,200	1,356
TRIGGERFISH . . . . .	1,300	143	1,300	143
TRIPLETAIL. . . . .	20,700	1,656	20,700	1,656
TUNA AND TUNALIKE FISHES,				
BONITO . . . . .	7,700	385	7,700	385
WARSAW. . . . .	20,700	1,873	20,700	1,873
WHITE PERCH . . . . .	-	-	394,100	42,213
YELLOW PERCH. . . . .	-	-	39,200	3,928
<b>TOTAL FISH . . . . .</b>	<b>102,665,100</b>	<b>3,810,695</b>	<b>252,372,100</b>	<b>7,848,384</b>
<b>SHELLFISH, ETC.</b>				
<b>CRABS:</b>				
<b>BLUE:</b>				
HARD. . . . .	6,638,000	265,520	23,534,800	810,449
SOFT AND PEELERS. . . . .	-	-	169,500	25,406
STONE . . . . .	6,900	3,450	6,900	3,450
<b>TOTAL CRABS. . . . .</b>	<b>6,644,900</b>	<b>268,970</b>	<b>23,711,200</b>	<b>839,305</b>
LOBSTERS, SPINY . . . . .	2,020,200	383,838	2,020,200	383,838
SHRIMP. . . . .	8,233,200	2,255,893	27,771,200	7,382,509
CLAMS, HARD, PUBLIC . . . . .	7,800	3,900	861,000	203,002
<b>OYSTERS, MARKET:</b>				
PUBLIC, SPRING. . . . .	16,200	8,748	696,400	254,102
PUBLIC, FALL. . . . .	11,900	6,426	1,033,800	408,451
PRIVATE, SPRING . . . . .	-	-	1,267,300	330,981
PRIVATE, FALL . . . . .	-	-	785,400	208,417
<b>TOTAL OYSTERS. . . . .</b>	<b>28,100</b>	<b>15,174</b>	<b>3,782,900</b>	<b>1,201,951</b>
SCALLOPS, BAY . . . . .	100	64	183,500	95,760
SQUID . . . . .	-	-	300	6
TERRAPIN, DIAMOND-BACK. . . . .	-	-	4,700	3,140
<b>TURTLES:</b>				
GREEN . . . . .	300	30	300	30
LOGGERHEAD. . . . .	100	8	100	8
SNAPPER . . . . .	100	6	66,600	7,556
SOFT-SHELL. . . . .	9,100	546	9,100	546
FROGS . . . . .	-	-	300	75
<b>TOTAL SHELLFISH, ETC . . . . .</b>	<b>16,943,900</b>	<b>2,928,429</b>	<b>58,411,400</b>	<b>10,117,726</b>
<b>GRAND TOTAL. . . . .</b>	<b>119,609,000</b>	<b>6,739,124</b>	<b>310,783,500</b>	<b>17,966,110</b>

NOTE:--DATA SHOWING THE TOTAL FLORIDA CATCH FOR 1951 MAY BE FOUND AT THE END OF THIS SECTION.

## SOUTH ATLANTIC FISHERIES

## CATCH OF CERTAIN SHELLFISH, 1951

(IN NUMBERS AND BUSHELS)

ITEM	NORTH CAROLINA		SOUTH CAROLINA		GEORGIA	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
CRABS, BLUE:						
HARD . . . . .	NUMBER	15,644,400	6,218,904	\$76,446	13,380,876	\$256,448
SOFT AND PEELERS	00	501,000	9,996	500	-	-
CLAMS, HARD, PUBLIC.	U.S. BUSHEL	105,917	2,300	7,051	-	-
OYSTERS, MARKET:						
PUBLIC, SPRING . .	00	75,169	91,840	57,400	-	-
PUBLIC, FALL . . .	00	140,304	370,400	31,625	-	-
PRIVATE, SPRING. .	00	16,513	39,356	308,625	32,699	38,600
PRIVATE, FALL. . .	00	14,943	34,412	140,450	26,663	33,555
SCALLOPS, BAY. . . .	00	22,925	95,696	-	-	-
ITEM	FLORIDA, EAST COAST		TOTAL			
	QUANTITY	VALUE	QUANTITY	VALUE		
CRABS:						
BLUE:						
HARD . . . . .	NUMBER	13,275,996	48,520,176	\$810,449		
SOFT AND PEELERS	00	-	510,996	25,406		
STONE. . . . .	00	6,900	3,450	6,900	3,450	
CLAMS, HARD, PUBLIC.	U.S. BUSHEL	975	3,900	109,192	203,002	
OYSTERS, MARKET:						
PUBLIC, SPRING . .	00	3,951	8,748	170,960	254,102	
PUBLIC, FALL . . .	00	2,975	6,426	193,879	408,451	
PRIVATE, SPRING. .	00	-	-	357,837	330,981	
PRIVATE, FALL. . .	00	-	-	179,496	208,417	
SCALLOPS, BAY. . . .	00	19	64	22,944	95,760	

NOTE:--BUSHELS REPRESENT UNITED STATES STANDARD BUSHELS OF 2,150.4 CUBIC INCHES CAPACITY.

## AVERAGE WEIGHTS OF CERTAIN SHELLFISH, 1951

ITEM	NORTH CAROLINA	SOUTH CAROLINA	GEORGIA	FLORIDA, EAST COAST
	QUANTITY	QUANTITY	QUANTITY	QUANTITY
CRABS:				
BLUE:				
HARD . . . . .	NUMBER PER LB.	2.00	2.44	2.05
SOFT AND PEELERS	00	3.00	4.00	-
STONE. . . . .	00	-	-	1.00
CLAMS, HARD, PUBLIC.	LBS. MEATS PER U.S. BUSHEL	7.88	8.00	-
OYSTERS, MARKET:				
PUBLIC, SPRING . .	00	5.99	2.50	4.10
PUBLIC, FALL . . .	00	6.38	2.50	4.00
PRIVATE, SPRING. .	00	6.10	3.28	-
PRIVATE, FALL. . .	00	5.70	4.13	4.82
SCALLOPS, BAY. . . .	00	8.00	-	5.20

NOTE:--BUSHELS REPRESENT UNITED STATES STANDARD BUSHELS OF 2,150.4 CUBIC INCHES CAPACITY.

## MANUFACTURED FISHERY PRODUCTS - VARIOUS YEARS

ITEM	NORTH AND SOUTH CAROLINA		GEORGIA AND EAST COAST FLORIDA	
	YEAR	UNIT	QUANTITY	VALUE
BY MANUFACTURING ESTABLISHMENTS:				
ALEWIVES:				
CANNED. . . . .	1951	STANDARD CASES	1,175	\$6,387
ROE, CANNED. . . . .	1951	00	27,371	2,106,372
SALTED, CORNED. . . . .	1950	POUNDS	2,205,100	94,116
MENHADEN:				
DRY SCRAP AND MEAL. . . . .	1951	TONS	10,889	1,425,501
OIL. . . . .	1951	GALLONS	552,581	390,165
MULLET, SALTED. . . . .	1950	ROUNDS	549,205	130,825
POT, SALTED. . . . .	1950	00	17,580	2,812

(CONTINUED ON NEXT PAGE)

SEE FOOTNOTES AT END OF TABLE.

# SOUTH ATLANTIC FISHERIES

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## MANUFACTURED FISHERY PRODUCTS - VARIOUS YEARS - Continued

ITEM	YEAR	UNIT	NORTH AND SOUTH CAROLINA		GEORGIA AND EAST COAST FLORIDA	
			QUANTITY	VALUE	QUANTITY	VALUE
<b>BY MANUFACTURING ESTABLISHMENTS - CONTINUED</b>						
CRABS, BLUE, HARD:						
COOKED MEAT, FRESH AND FROZEN	1950	DO	477,930	\$332,270	1,122,185	\$740,738
MEAL AND DRY SCRAP. . . . .	1951	TONS	622	35,500	(3)	(3)
<b>SHRIMP:</b>						
PACKAGED FROZEN (INCLUDING RAW PEELLED). . . . .	1950	POUNDS	173,936	112,286	743,000	478,360
BREADED, FROZEN . . . . .	1950	DO	(3)	-	5,715,256	3,714,909
CLAMS, HARD, FRESH-SHUCKED. . .	1950	GALLONS	65,524	196,572	-	-
OYSTERS:						
SHUCKED, FRESH AND FROZEN . .	1950	DO	183,364	667,478	16,850	62,766
CANNED. . . . .	1951	STANDARD CASES	53,064	691,345	(3)	(3)
SCALLOPS, BAY, FRESH AND FROZEN MEATS . . . . .	1950	GALLONS	2,974	17,050	-	-
<b>UNCLASSIFIED PRODUCTS:</b>						
FRESH AND FROZEN PACKAGED FISH	1951	POUNDS	4/75,136	4/43,269	5/285,500	5/93,695
FROZEN PACKAGED SHELLFISH . . .	1950	DO	6/45,200	6/28,955	7/129,326	7/68,863
CANNED FISH AND SHELLFISH . . .	1951	STANDARD CASES	(8)	(8)	9/19,024	9/310,802
<b>MISCELLANEOUS PRODUCTS AND BYPRODUCTS . . . . .</b>						
TOTAL . . . . .			-	10/1,391,909	-	11/1,996,267
				5,672,812		7,486,400
<b>BY FISHERMEN:</b>						
<b>SALTED:</b>						
ALEWIVES, CORNED, HEADED. . . .	1950	POUNDS	460,000	19,722	-	-
MULLET, SPLIT, EVISCERATED. . .	1950	DO	4,047	728	-	-
SPOT, SPLIT, EVISCERATED. . . . .	1950	DO	6,500	910	-	-
CRAB MEAT, FRESH-COOKED . . . . .	1950	DO	487	292	-	-
CLAMS, HARD, FRESH-SHUCKED. . .	1950	GALLONS	2,322	6,433	-	-
OYSTERS, FRESH-SHUCKED. . . . .	1950	DO	3,183	11,082	3,300	10,725
TOTAL . . . . .			-	39,167	-	10,725
<b>GRAND TOTAL . . . . .</b>						
			-	5,711,979	-	7,497,125

1/ DATA ON THE PRODUCTION OF THE VARIOUS PRODUCTS ARE FOR THE YEARS INDICATED. 2/ INCLUDES A SMALL PRODUCTION OF MENHADEN ROE. 3/ INCLUDED UNDER "UNCLASSIFIED PRODUCTS." 4/ INCLUDES FRESH FILLETS OF FLOUNDER, SEA BASS, SEA TROUT, SPANISH MACKEREL, AND STRIPED BASS; FROZEN FILLETS OF BLUEFISH, FLOUNDER, GROUPER, SHAD, SPANISH MACKEREL, AND STRIPED BASS; FRESH STEAKS OF RED SNAPPER; AND FROZEN STEAKS OF RED DRUM, STRIPED BASS, TILEFISH, AND UNCLASSIFIED SPECIES. 5/ INCLUDES FRESH FILLETS OF GROUPER, SEA BASS, AND SPANISH MACKEREL; FROZEN FILLETS OF AMBERJACK, GROUPER, AND SPANISH MACKEREL; AND FRESH AND FROZEN GROUPER STEAKS. 6/ INCLUDES FROZEN BREADED SHRIMP, FROG LEGS, AND SEAFOOD DINNERS. 7/ INCLUDES FROZEN CRAB MEAT PATTIES, BREADED SCALLOPS AND OYSTERS, AND SHORE DINNERS. 8/ INCLUDED WITH MISCELLANEOUS PRODUCTS AND BYPRODUCTS. 9/ INCLUDES CANNED DEVILED FISH; CRAB COCKTAILS, CREOLE, AND PASTE; SHRIMP AND SHRIMP PASTE; OYSTERS; TERRAPIN MEAT AND SOUP; TURTLE SOUP, MEAT, AND BAR-B-QUE; AND CONCH CHILI AND CHOWDER. 10/ INCLUDES CANNED TUNA, CRAB MEAT, DEVILED CRAB, SHRIMP, SHRIMP PASTE, SMOKED SHRIMP IN OIL, AND TERRAPIN STEW; CRAB SHELLS FOR TABLE USE; UNBURNED OYSTER SHELL LIME, SHRIMP AND UNCLASSIFIED MEAL, MENHADEN AND UNCLASSIFIED BODY OILS; AND FISH SOLUBLES. 11/ INCLUDES MENHADEN DRY SCRAP MEAL, ACID SCRAP, AND OIL; CRAB SCRAP, OYSTER-SHELL UNBURNED LIME AND POULTRY GRIT; AND FISH SOLUBLES.

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

## SUMMARY OF PRODUCTION, BY STATES

STATES	MANUFACTURED FISHERY PRODUCTS	FISHERMEN'S PREPARED PRODUCTS	TOTAL
	VALUE	VALUE	VALUE
NORTH CAROLINA. . . . .	\$3,732,601	\$38,165	\$3,770,766
SOUTH CAROLINA. . . . .	1,940,211	1,002	1,941,213
GEORGIA . . . . .	4,927,015	10,725	4,937,740
FLORIDA, EAST COAST . . . . .	2,559,385	-	2,559,385
TOTAL . . . . .	13,159,212	49,892	13,209,104

## SUMMARY OF PRODUCTION, BY COMMODITIES

SUMMARY OF ITEMS	YEAR	UNIT	QUANTITY	VALUE
PACKAGED FISH . . . . .	1951	POUNDS	360,636	\$136,964
CANNED FISH AND SHELLFISH . . . . .	1951	STANDARD CASES	139,274	2,301,228
FISHERY BYPRODUCTS. . . . .	1951	-	-	4,053,020
PACKAGED SHELLFISH. . . . .	1950	POUNDS	10,799,871	6,443,580
SALTED, DRIED AND PICKLED . . . . .	1950	DO	3,242,432	249,113
MISCELLANEOUS FROZEN FISH AND SHELLFISH. . . . .	1950	DO	35,726	25,199
TOTAL . . . . .			-	13,209,104

# SOUTH ATLANTIC FISHERIES

## NORTH CAROLINA

### OPERATING UNITS BY GEAR, 1951

ITEM	PURSE SEINES		HAUL SEINES		GILL NETS		
	MENHADEN	OTHER	COMMON	LONG	ANCHOR	DRIFT	RUN-AROUND
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS . . . . .	914	-	-	208	44	-	15
ON BOATS AND SHORE:							
REGULAR . . . . .	-	60	1,037	258	170	120	455
CASUAL . . . . .	-	38	622	18	31	301	81
TOTAL . . . . .	914	98	1,659	484	245	421	551
VESSELS, MOTOR. . . . .	47	-	-	70	18	-	7
NET TONNAGE . . . . .	3,417	-	-	422	123	-	52
BOATS:							
MOTOR . . . . .	-	28	44	110	105	144	224
OTHER . . . . .	-	6	207	18	24	254	142
ACCESSORY BOATS . . . . .	141	-	-	120	-	-	-
APPARATUS:							
NUMBER . . . . .	47	14	248	115	327	411	332
LENGTH, YARDS . . . . .	18,525	4,200	48,468	85,850	-	-	-
SQUARE YARDS . . . . .	-	-	-	-	276,570	242,830	232,300

ITEM	GILL NETS-CONT'D.		LINES		POUND NETS	FYKE NETS, FISH	DIP NETS, COMMON
	STAKE	HAND	TRAWL OR TROT, WITH HOOKS	TROT WITH BAITS			
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS . . . . .	-	10	-	-	-	-	-
ON BOATS AND SHORE:							
REGULAR . . . . .	119	-	8	377	320	18	130
CASUAL . . . . .	124	50	4	61	17	2	120
TOTAL . . . . .	243	60	12	438	337	20	250
VESSELS, MOTOR. . . . .	-	5	-	-	-	-	-
NET TONNAGE . . . . .	-	57	-	-	-	-	-
BOATS:							
MOTOR . . . . .	115	26	3	236	153	12	45
OTHER . . . . .	100	10	9	177	34	6	150
APPARATUS:							
NUMBER . . . . .	713	101	12	413	1,770	239	250
SQUARE YARDS . . . . .	162,780	-	-	-	-	-	-
HOOKS AND BAITS . . . . .	-	163	4,400	387,500	-	-	-

ITEM	OTTER TRAWLS			CHANNEL NETS	POTS		
	CRAB	FISH	SHRIMP		EEL	FISH	TURTLE
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS . . . . .	17	208	844	-	-	-	-
ON BOATS AND SHORE:							
REGULAR . . . . .	201	42	1,090	216	23	65	27
CASUAL . . . . .	-	-	8	-	8	41	-
TOTAL . . . . .	218	250	1,942	216	31	106	27
VESSELS:							
MOTOR . . . . .	7	82	401	-	-	-	-
NET TONNAGE . . . . .	50	919	3,285	-	-	-	-
SAIL . . . . .	-	-	1	-	-	-	-
NET TONNAGE . . . . .	-	-	5	-	-	-	-
TOTAL VESSELS . . . . .	7	82	402	-	-	-	-
TOTAL NET TONNAGE . . . . .	50	919	3,290	-	-	-	-
BOATS:							
MOTOR . . . . .	118	19	544	60	24	62	16
OTHER . . . . .	-	-	13	48	7	44	10
APPARATUS:							
NUMBER . . . . .	125	101	959	108	440	2,840	268
YARDS AT MOUTH . . . . .	1,332	1,828	19,619	2,484	-	-	-

(CONTINUED ON NEXT PAGE)

# SOUTH ATLANTIC FISHERIES

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## NORTH CAROLINA - OPERATING UNITS BY GEAR, 1951 - Continued

ITEM	SPEARS	DREDGES		TONGS, OYSTER
		CLAM	OYSTER, COMMON	
	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>
FISHERMEN:				
ON VESSELS . . . . .	-	78	127	-
ON BOATS AND SHORE:				
REGULAR . . . . .	90	45	724	78
CASUAL . . . . .	107	-	-	42
TOTAL . . . . .	197	123	851	120
VESSLS:				
MOTOR . . . . .	-	39	61	-
NET TONNAGE . . . . .	-	233	388	-
SAIL . . . . .	-	-	2	-
NET TONNAGE . . . . .	-	-	34	-
TOTAL VESSELS . . . . .	-	39	63	-
TOTAL NET TONNAGE . . . . .	-	233	422	-
BOATS:				
MOTOR . . . . .	24	30	362	16
OTHER . . . . .	160	-	-	89
APPARATUS:				
NUMBER . . . . .	197	69	426	120
YARDS AT MOUTH . . . . .	-	70	507	-

ITEM	RAKES, OTHER THAN FOR OYSTERS	BY HAND		TOTAL, EXCLUSIVE OF DUPLICATION
		OYSTER	OTHER	
	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>
FISHERMEN:				
DN VESSELS . . . . .	-	-	-	1,940
DN BOATS AND SHORE:				
REGULAR . . . . .	208	15	2	3,883
CASUAL . . . . .	182	33	-	1,664
TOTAL . . . . .	390	48	2	7,487
VESSLS:				
MOTOR . . . . .	-	-	-	494
NET TONNAGE . . . . .	-	-	-	7,044
SAIL . . . . .	-	-	-	3
NET TONNAGE . . . . .	-	-	-	39
TOTAL VESSELS . . . . .	-	-	-	497
TOTAL NET TONNAGE . . . . .	-	-	-	7,083
BOATS:				
MOTOR . . . . .	68	-	-	1,790
OTHER . . . . .	248	33	2	1,187
ACCESSORY BOATS . . . . .	-	-	-	261
APPARATUS, NUMBER . . . . .	390	-	-	-

## NORTH CAROLINA - CATCH BY GEAR, 1951

SPECIES	PURSE SEINES		HAUL SEINES		GILL NETS	
					ANCHOR	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEVINES . . . . .	-	-	129,700	\$1,661	1,034,200	\$11,198
BLUEFISH . . . . .	-	-	574,500	63,340	1,400	210
BOWFIN . . . . .	-	-	5,600	158	100	3
BUTTERFISH . . . . .	-	-	500	30	-	-
CABIO DR CRAB EATER . . . . .	-	-	300	24	-	-
CARP . . . . .	-	-	1,154,500	34,648	19,700	709
CATFISH AND BULLHEADS . . . . .	-	-	142,700	12,332	5,300	530
CROAKER . . . . .	-	-	1,159,300	57,903	93,400	3,583
DRUM:						
BLACK . . . . .	-	-	62,700	2,298	600	18
RED DR REDFISH . . . . .	-	-	132,100	15,852	3,000	360

(CONTINUED ON NEXT PAGE)

## SOUTH ATLANTIC FISHERIES

## NORTH CAROLINA - CATCH BY GEAR, 1951 - Continued

SPECIES	PURSE SEINES		HAUL SEINES		GILL NETS	
	POUNDS	VALUE	POUNDS	VALUE	ANCHOR	
					POUNDS	VALUE
EELS, COMMON. . . . .	-	-	800	\$48	-	-
FLOUNDERS . . . . .	-	-	22,600	3,575	17,100	\$2,565
HARVESTFISH OR "STARFISH" . . . . .	-	-	197,200	12,741	1,500	90
HICKORY SHAD. . . . .	-	-	22,000	1,601	15,200	1,155
HOGFISH . . . . .	-	-	2,000	60	-	-
KING WHITING OR "KINGFISH" . . . . .	-	-	300	36	-	-
MENHADEN. . . . .	101,057,400	\$950,839	57,100	5,945	389,800	39,478
MULLET. . . . .	-	-	2,955,500	27,723	-	-
PIGFISH . . . . .	-	-	2,415,400	227,349	12,400	1,054
PIKE OR PICKEREL. . . . .	-	-	203,500	6,540	-	-
PINFISH . . . . .	-	-	800	144	100	15
POMPANO . . . . .	-	-	568,000	2,840	-	-
SAND PERCH. . . . .	-	-	9,500	3,230	-	-
SCUP OR PORGY . . . . .	-	-	200	10	-	-
SEA BASS. . . . .	-	-	6,700	380	-	-
SEA TROUT OR WEAKFISH:	-	-	400	32	-	-
GRAY. . . . .	-	-	508,300	50,830	43,500	4,415
SPOTTED . . . . .	-	-	206,200	62,420	2,600	780
SHAD. . . . .	-	-	9,700	1,984	65,400	12,560
SHARKS. . . . .	-	-	2,100	210	-	-
SHEEPSHEAD, SALT-WATER. . . . .	-	-	4,600	440	-	-
SPANISH HACKEREL. . . . .	-	-	80,600	11,084	-	-
SPOT. . . . .	-	-	4,307,100	195,331	27,100	1,365
STRIPED BASS. . . . .	155,000	27,250	143,200	31,535	58,400	12,745
STURGEON. . . . .	-	-	300	60	-	-
SUCKERS . . . . .	-	-	-	-	100	8
SUNFISH . . . . .	-	-	5,300	212	-	-
SWELLFISH . . . . .	-	-	12,500	942	3,200	128
WHITE PERCH . . . . .	-	-	208,100	19,465	21,200	2,788
YELLOW PERCH. . . . .	-	-	24,600	2,460	700	76
CRABS, BLUE, SOFT AND PEELERS	-	-	28,500	4,162	-	-
TURTLES, SNAPPER. . . . .	-	-	1,000	150	-	-
TOTAL. . . . .	101,212,400	978,089	15,366,000	861,785	1,815,000	95,833

SPECIES	GILL NETS - CONTINUED					
	DRIFT		RUNAROUND		STAKE	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES. . . . .	-	-	-	-	41,900	\$485
BLUEFISH. . . . .	-	-	319,400	\$37,391	26,600	3,360
CABIO OR CRAB EATER . . . . .	-	-	100	10	-	-
CARP. . . . .	-	-	-	-	5,500	195
CATFISH AND BULLHEADS . . . . .	-	-	-	-	4,000	400
CROAKER . . . . .	7,500	\$225	28,300	2,969	5,500	495
DRUM:	-	-	-	-	-	-
BLACK . . . . .	-	-	500	15	-	-
RED OR REDFISH. . . . .	-	-	-	-	2,000	240
FLOUNDERS . . . . .	-	-	-	-	4,400	630
HARVESTFISH OR "STARFISH" . . . . .	-	-	2,300	138	-	-
HICKORY SHAD. . . . .	1,700	170	-	-	25,800	1,709
KING WHITING OR "KINGFISH" . . . . .	-	-	500	50	-	-
MULLET. . . . .	35,000	3,150	1,521,900	159,116	11,500	1,131
PIGFISH . . . . .	-	-	2,000	80	5,900	236
POMPANO . . . . .	-	-	6,400	2,240	-	-
SEA TROUT OR WEAKFISH:	-	-	-	-	-	-
GRAY. . . . .	2,700	540	10,700	1,070	2,000	200
SPOTTED . . . . .	-	-	18,000	5,400	31,200	9,360
SHAD. . . . .	56,700	19,890	-	-	58,200	14,498
SPANISH HACKEREL. . . . .	-	-	85,200	13,035	9,600	1,482
SPOT. . . . .	-	-	201,900	9,384	58,200	3,410
STRIPED BASS. . . . .	700	175	-	-	68,200	14,425
SUCKERS . . . . .	-	-	-	-	700	68
WHITE PERCH . . . . .	-	-	-	-	10,200	1,400
YELLOW PERCH. . . . .	-	-	-	-	300	32
TOTAL. . . . .	104,300	24,150	2,197,200	230,898	371,700	53,756

(CONTINUED ON NEXT PAGE)

# SOUTH ATLANTIC FISHERIES

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## NORTH CAROLINA - CATCH BY GEAR, 1951 - Continued

SPECIES	LINES					
	HAND		TRAWL OR TROT, WITH HOOKS		TROT WITH BAITS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CATFISH AND BULLHEADS. . . . .	-	-	12,000	\$1,200	-	-
SEA BASS . . . . .	40,700	\$4,280	-	-	-	-
STRIPED BASS . . . . .	11,300	1,715	-	-	-	-
WHITE PERCH . . . . .	3,100	390	-	-	-	-
CRABS, BLUE, HARD. . . . .	-	-	-	-	4,709,200	\$133,261
TURTLES, SNAPPER . . . . .	-	-	5,000	\$500	-	-
<b>TOTAL . . . . .</b>	<b>55,100</b>	<b>6,385</b>	<b>17,000</b>	<b>1,700</b>	<b>4,079,200</b>	<b>133,261</b>

SPECIES	POUND NETS		FYKE NETS		DIP NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES . . . . .	11,276,300	\$115,136	52,400	\$787	-	-
BLUEFISH . . . . .	4,000	600	-	-	-	-
BOWFIN . . . . .	1,000	30	7,500	225	-	-
BUTTERFISH . . . . .	23,200	1,392	-	-	-	-
CABIO OR CRAB EATER. . . . .	200	12	-	-	-	-
CARP . . . . .	65,000	2,210	34,200	1,026	400	\$12
CATFISH AND BULLHEADS. . . . .	124,100	12,192	18,900	1,890	-	-
CROAKER. . . . .	28,100	1,760	-	-	-	-
DRUM:						
BLACK. . . . .	10,000	300	-	-	-	-
RED OR REDFISH . . . . .	20,100	2,412	-	-	-	-
EELS, COMMON . . . . .	100	6	900	54	-	-
FLOUNDERS. . . . .	295,000	61,244	5,200	780	-	-
HARVESTFISH OR "STARFISH". . . . .	214,700	12,882	-	-	-	-
HICKORY SHAD . . . . .	127,400	9,091	3,800	274	-	-
MULLET . . . . .	3,800	246	10,000	950	-	-
PIKE OR PICKEREL . . . . .	-	-	700	126	-	-
SAND PERCH . . . . .	100	12	-	-	-	-
SCUP OR PORGY. . . . .	19,100	1,528	-	-	-	-
SEA TROUT OR WEAKFISH:						
GRAY . . . . .	299,300	29,928	-	-	-	-
SPOTTED. . . . .	7,000	2,135	-	-	-	-
SHAD . . . . .	1,052,300	250,744	2,200	440	-	-
SHEEPSHEAD, SALT-WATER . . . . .	500	50	-	-	-	-
SPANISH MACKEREL . . . . .	30,900	6,180	-	-	-	-
SPOT . . . . .	300	27	-	-	-	-
STRIPED BASS . . . . .	233,600	40,115	23,800	4,950	8,000	1,200
STURGEON . . . . .	200	40	-	-	-	-
SUNFISH . . . . .	-	-	2,000	80	-	-
WHITE PERCH . . . . .	124,500	15,080	27,000	3,090	-	-
YELLOW PERCH . . . . .	-	-	13,600	1,360	-	-
CRABS, BLUE, SOFT AND PEELERS . . . . .	-	-	-	-	4,000	600
SCALLOPS, BAY. . . . .	-	-	-	-	27,900	14,508
<b>TOTAL . . . . .</b>	<b>13,960,800</b>	<b>565,352</b>	<b>202,200</b>	<b>16,032</b>	<b>40,300</b>	<b>16,320</b>

SPECIES	OTTER TRAWLS		CHANNEL NETS		POTS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUTTERFISH . . . . .	1,200	\$180	-	-	-	-
CARP . . . . .	-	-	-	-	11,400	\$356
CATFISH AND BULLHEADS. . . . .	-	-	-	-	222,900	22,290
CROAKER. . . . .	780,000	45,596	-	-	-	-
DRUM:						
BLACK. . . . .	10,500	355	-	-	-	-
RED OR REDFISH . . . . .	25,200	3,024	-	-	-	-
EELS, COMMON . . . . .	-	-	-	-	30,800	1,574
FLOUNDERS. . . . .	1,015,500	168,547	-	-	-	-
GROUPERS . . . . .	100	15	-	-	-	-
HARVESTFISH OR "STARFISH". . . . .	140,000	8,773	-	-	-	-
HICKORY SHAD . . . . .	100	7	-	-	-	-
KING WHITING OR "KINGFISH". . . . .	675,700	54,900	-	-	-	-
MACKEREL . . . . .	5,000	200	-	-	-	-
MULLET . . . . .	3,000	360	-	-	-	-
PIGFISH. . . . .	92,800	3,714	-	-	-	-
POMPANO. . . . .	100	20	-	-	-	-
SCUP OR PORGY. . . . .	127,000	5,742	-	-	-	-
SEA BASS . . . . .	52,900	5,506	-	-	-	-

(CONTINUED ON NEXT PAGE)

## SOUTH ATLANTIC FISHERIES

## NORTH CAROLINA - CATCH BY GEAR, 1951 - Continued

SPECIES	OTTER TRAWLS		CHANNEL NETS		POTS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
SEA TROUT OR WEAKFISH:						
GRAY . . . . .	396,400	\$39,420	-	-	-	-
SPOTTED . . . . .	2,400	745	-	-	-	-
SHARKS . . . . .	4,500	180	-	-	-	-
SHEEPSHEAD, SALT-WATER . . . . .	800	80	-	-	-	-
SNAPPER, RED . . . . .	7,500	1,500	-	-	-	-
SPOT . . . . .	19,900	1,211	-	-	-	-
STURGEON . . . . .	3,800	765	-	-	-	-
SWELLFISH . . . . .	34,800	1,778	-	-	-	-
CRABS, BLUE:						
HARD . . . . .			-	-	-	-
SOFT AND PEELERS . . . . .	3,113,000	78,774	-	-	-	-
SHRIMP . . . . .	134,500	20,144	-	-	-	-
SQUID . . . . .	7,964,100	1,895,765	235,400	\$54,142	-	-
TURTLES, SNAPPER . . . . .	300	6	-	-	60,500	\$6,900
TOTAL . . . . .	14,611,100	2,337,307	235,400	54,142	325,600	31,120

SPECIES	SPEARS		DREDGES		TONGS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FLOUNDERS . . . . .	119,000	\$17,505	-	-	-	-
CLAMS, HARD, PUBLIC . . . . .	-	-	722,800	\$166,244	-	-
OYSTERS, MARKET:						
PUBLIC, SPRING . . . . .	-	-	375,300	159,578	53,600	\$21,744
PUBLIC, FALL . . . . .	-	-	816,700	341,006	53,700	21,669
PRIVATE, SPRING . . . . .	-	-	37,200	14,454	62,000	24,437
PRIVATE, FALL . . . . .	-	-	-	-	83,700	33,947
TOTAL . . . . .	119,000	17,505	1,952,000	681,282	253,000	101,797

SPECIES	RAKES		BY HAND	
	POUNDS	VALUE	POUNDS	VALUE
CLAMS, HARD, PUBLIC . . . . .	112,000	\$25,807	-	-
OYSTERS, MARKET:				
PUBLIC, SPRING . . . . .	-	-	21,700	\$6,632
PUBLIC, FALL . . . . .	-	-	25,000	7,725
PRIVATE, SPRING . . . . .	-	-	1,500	465
PRIVATE, FALL . . . . .	-	-	1,500	465
SCALLOPS, BAY . . . . .	155,500	81,188	-	-
FROGS . . . . .	-	-	300	75
TOTAL . . . . .	267,500	106,995	50,000	15,362

## SOUTH CAROLINA

## OPERATING UNITS BY GEAR, 1951

ITEM	PURSE SEINES, MENHADEN	HAUL SEINES, COMMON	GILL NETS			LINES	
			DRIFT	RUN- AROUND	STAKE	HAND	
			NUMBER	NUMBER	NUMBER	NUMBER	
FISHERMEN:							
ON VESSELS . . . . .	198	-	-	-	-	9	
ON BOATS AND SHORE:							
REGULAR . . . . .	-	76	14	31	9	-	
CASUAL . . . . .	-	392	98	18	22	-	
TOTAL . . . . .	198	468	112	49	31	9	
VESSELS, MOTOR . . . . .	11	-	-	-	-	2	
NET TONNAGE . . . . .	1,121	-	-	-	-	20	
BOATS:							
MOTOR . . . . .	-	-	17	14	15	-	
OTHER . . . . .	-	46	60	28	10	-	
ACCESSORY BOATS . . . . .	33	-	-	-	-	-	
APPARATUS:							
NUMBER . . . . .	11	46	77	34	25	17	
LENGTH, YARDS . . . . .	4,400	14,550	-	-	-	-	
SQUARE YARDS . . . . .	-	-	65,100	19,200	25,000	-	
HOOKS . . . . .	-	-	-	-	-	17	

(CONTINUED ON NEXT PAGE)

# SOUTH ATLANTIC FISHERIES

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## SOUTH CAROLINA - OPERATING UNITS BY GEAR, 1951 - Continued

ITEM	LINES - CONTINUED		DIP NETS	OTTER TRAWLS		POTS, FISH
	TRAWL OR TROT, WITH HOOKS	TROT WITH BAITS		CRAB	SHRIMP	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS. . . . .	-	-	-	12	743	-
ON BOATS AND SHORE:						
REGULAR . . . . .	-	228	5	-	174	2
CASUAL. . . . .	2	173	16	-	60	5
TOTAL . . . . .	2	401	21	12	977	7
VESSELS, MOTOR. . . . .	-	-	-	4	364	-
NET TONNAGE . . . . .	-	-	-	53	3,937	-
BOATS:						
MOTOR . . . . .	-	-	-	-	117	-
OTHER . . . . .	2	226	21	-	-	7
APPARATUS:						
NUMBER. . . . .	2	226	21	4	481	100
HOOKS AND BAITS . . . . .	1,000	90,700	-	-	-	-
YARDS AT MOUTH. . . . .	-	-	-	120	9,902	-

ITEM	SPEARS	TONGS, OYSTER	RAKES, OTHER THAN FOR OYSTERS	GRABS, OYSTER	BY HAND		TOTAL, EXCLUSIVE OF DUPLICATION
					OYSTER	OTHER	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS. . . . .	-	-	-	-	-	-	958
ON BOATS AND SHORE:							
REGULAR . . . . .	31	2	3	364	271	12	792
CASUAL. . . . .	57	-	11	144	133	22	895
TOTAL . . . . .	88	2	14	508	404	34	2,645
VESSELS, MOTOR. . . . .	-	-	-	-	-	-	375
NET TONNAGE . . . . .	-	-	-	-	-	-	5,058
BOATS:							
MOTOR . . . . .	-	-	-	-	-	-	154
OTHER . . . . .	88	2	14	508	404	30	944
ACCESSORY BOATS . . . . .	-	-	-	-	-	-	33
APPARATUS, NUMBER . . . . .	88	2	14	508	-	-	-

## SOUTH CAROLINA - CATCH BY GEAR, 1951

SPECIES	PURSE SEINES		HAUL SEINES		GILL NETS	
					DRIFT	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUEFISH. . . . .	-	-	10,000	\$1,500	-	-
CROAKER . . . . .	-	-	17,000	850	-	-
DRUM:						
BLACK . . . . .	-	-	7,000	660	-	-
RED OR REDFISH. . . . .	-	-	78,000	21,500	-	-
FLOUNDERS . . . . .	-	-	4,000	600	-	-
HICKORY SHAD. . . . .	-	-	3,000	180	4,900	\$735
MENHADEN. . . . .	4,476,900	\$44,769	-	-	-	-
MULLET. . . . .	-	-	1,803,000	216,360	-	-
SEA TROUT OR WEAKFISH, SPOTTED. . . . .	-	-	73,000	21,550	-	-
SHAD. . . . .	-	-	-	-	60,400	27,180
SPOT. . . . .	-	-	2,548,000	203,840	-	-
STURGEON. . . . .	-	-	-	-	8,300	2,075
TOTAL . . . . .	4,476,900	44,769	4,543,000	467,040	73,600	29,990

(CONTINUED ON NEXT PAGE)

## SOUTH ATLANTIC FISHERIES

## SOUTH CAROLINA - CATCH BY GEAR, 1951 - Continued

SPECIES	GILL NETS - CONTINUED				LINES	
	RUNAROUND		STAKE		HAND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUEFISH . . . . .	1,800	\$270	-	-	-	-
CROAKER . . . . .	5,000	250	-	-	-	-
DRUM, RED OR REDFISH . . . . .	37,000	9,250	-	-	-	-
HICKORY SHAD . . . . .	-	-	2,900	\$975	-	-
MULLET . . . . .	87,000	10,440	-	-	185,000	\$25,900
SEA BASS . . . . .	-	-	-	-	-	-
SEA TROUT OR WEAKFISH, SPOTTED . . . . .	35,000	11,950	-	-	-	-
SHAD . . . . .	-	-	35,700	16,065	-	-
SPOT . . . . .	93,000	7,440	-	-	-	-
STURGEON . . . . .	-	-	7,300	1,825	-	-
TOTAL . . . . .	258,800	39,500	45,900	18,865	185,000	25,900

SPECIES	LINES - CONTINUED				DIP NETS	
	TRAWL OR TROT, WITH HOOKS		TROT WITH BAITS			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CATFISH AND BULLHEADS . . . . .	5,000	\$1,500	-	-	-	-
CRABS, BLUE: HARD . . . . .	-	-	2,496,200	\$74,886	-	-
SOFT AND PEELERS . . . . .	-	-	-	-	2,500	\$500
TERRAPIN, DIAMOND-BACK . . . . .	-	-	-	-	900	290
TOTAL . . . . .	5,000	1,500	2,496,200	74,886	3,400	790

SPECIES	OTTER TRAWLS		POTS		SPEARS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
	CARP . . . . .	-	-	-	-	6,000
CATFISH AND BULLHEADS . . . . .	-	-	33,000	\$9,900	-	-
DRUM, RED OR REDFISH . . . . .	-	-	-	-	5,000	1,250
FLOUNDERS . . . . .	40,000	\$5,500	-	-	51,700	16,395
KING WHITING OR "KINGFISH" MULLET . . . . .	88,000	7,920	-	-	-	-
SEA TROUT OR WEAKFISH, SPOTTED . . . . .	-	-	-	-	3,000	270
SPOT . . . . .	5,000	400	-	-	11,000	3,650
CRABS, BLUE, HARD . . . . .	52,000	1,560	-	-	-	-
SHRIMP . . . . .	3,730,500	1,043,359	-	-	-	-
TOTAL . . . . .	3,915,500	1,058,739	33,000	9,900	76,700	21,745

SPECIES	TONGS		RAKES		GRABS		BY HAND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
	CLAMS, HARD, PUBLIC . . . . .	-	-	3,800	\$1,503	-	-	14,600
OYSTERS, MARKET: PUBLIC, SPRING . . . . .	-	-	-	-	137,000	\$34,250	92,600	23,150
PUBLIC, FALL . . . . .	-	-	-	-	73,200	16,300	53,300	13,325
PRIVATE, SPRING . . . . .	500	\$125	-	-	770,600	192,700	240,900	60,200
PRIVATE, FALL . . . . .	400	100	-	-	408,900	102,225	152,600	38,125
TOTAL . . . . .	900	225	3,800	1,503	1,389,900	347,475	554,000	140,348



# SOUTH ATLANTIC FISHERIES GEORGIA

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## OPERATING UNITS BY GEAR, 1951

ITEM	HAUL SEINES, COMMON	GILL NETS			LINES
		DRIFT	RUN- AROUND	STAKE	TRAWL OR TROT, WITH HOOKS
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:					
REGULAR . . . . .	-	11	4	1	14
CASUAL . . . . .	4	129	6	56	17
TOTAL . . . . .	4	140	10	57	31
BOATS:					
MOTOR . . . . .	-	15	5	2	5
OTHER . . . . .	1	60	5	46	26
APPARATUS:					
NUMBER . . . . .	1	76	10	55	31
LENGTH, YARDS . . . . .	100	-	-	-	-
SQUARE YARDS . . . . .	-	43,050	6,500	29,470	-
HOOKS . . . . .	-	-	-	-	3,500

ITEM	LINES-CONT'D.	DIP NETS, COMMON	CAST NETS	OTTER TRAWLS, SHRIMP	POTS
	TROT WITH BAITS				CRAB
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS . . . . .	-	-	-	550	-
ON BOATS AND SHORE:					
REGULAR . . . . .	90	-	-	110	47
CASUAL . . . . .	44	2	6	-	20
TOTAL . . . . .	134	2	6	660	67
VESSELS, MOTOR . . . . .	-	-	-	268	-
NET TONNAGE . . . . .	-	-	-	3,151	-
BOATS:					
MOTOR . . . . .	64	-	-	55	37
OTHER . . . . .	70	2	6	-	28
APPARATUS:					
NUMBER . . . . .	134	2	6	323	1,890
BAITS . . . . .	110,300	-	-	-	-
YARDS AT MOUTH . . . . .	-	-	-	6,603	-

ITEM	POTS-CONT'D.	TONGS, OYSTER	GRABS, OYSTER	BY HAND, OYSTER	TOTAL, EXCLUSIVE OF DUPLICATION
	FISH				NUMBER
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS . . . . .	-	-	-	-	550
ON BOATS AND SHORE:					
REGULAR . . . . .	10	7	31	41	265
CASUAL . . . . .	13	12	43	49	290
TOTAL . . . . .	23	19	74	90	1,105
VESSELS, MOTOR . . . . .	-	-	-	-	268
NET TONNAGE . . . . .	-	-	-	-	3,151
BOATS:					
MOTOR . . . . .	12	-	-	-	171
OTHER . . . . .	11	19	74	90	294
APPARATUS, NUMBER . . . . .	250	19	74	-	-

## GEORGIA - CATCH BY GEAR, 1951

SPECIES	HAUL SEINES		GILL NETS			
			DRIFT		RUNAROUND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
DRUM:						
BLACK . . . . .	-	-	-	-	1,000	\$30
RED OR REDFISH . . . . .	-	-	-	-	20,000	3,000

(CONTINUED ON NEXT PAGE)

## SOUTH ATLANTIC FISHERIES

## GEORGIA - CATCH BY GEAR, 1951 - Continued

SPECIES	HAUL SEINES		GILL NETS			
			DRIFT		RUNAROUND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FLOUNDER	1,000	\$200	-	-	-	-
HICKORY SHAD	-	-	5,700	\$655	-	-
MULLET	3,000	360	-	-	1,500	\$180
SEA TROUT OR WEAKFISH, SPOTTED	-	-	-	-	31,000	10,850
SHAD	-	-	140,400	49,140	-	-
SHEEPSHEAD, SALT-WATER	-	-	-	-	800	80
SPOT	-	-	-	-	1,200	96
STURGEON	-	-	4,600	1,360	-	-
TOTAL	4,000	560	150,700	51,375	55,500	14,236

SPECIES	GILL NETS-CONTINUED		LINES			
	STAKE		TRAWL OR TROT, WITH HOOKS		TROT WITH BAITS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CATFISH AND BULLHEADS	-	-	68,800	\$17,070	-	-
HICKORY SHAD	200	\$30	-	-	-	-
SHAD	65,700	23,725	-	-	-	-
STURGEON	400	120	-	-	-	-
CRABS, BLUE, HARD	-	-	-	-	3,936,400	\$154,598
TOTAL	66,300	23,875	68,800	17,070	3,936,400	154,598

SPECIES	DIP NETS		CAST NETS		OTTER TRAWLS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
	FLOUNDER	-	-	-	-	45,200
KING WHITING OR "KINGFISH"	-	-	-	-	387,200	29,605
MULLET	-	-	4,300	\$516	-	-
CRABS, BLUE, HARD	-	-	-	-	1,535,000	61,200
SHRIMP	-	-	-	-	7,608,000	2,133,350
TERRAPIN, DIAMOND-BACK	3,800	\$2,950	-	-	-	-
TOTAL	3,800	2,950	4,300	516	9,575,400	2,228,675

SPECIES	POTS		TONGS		GRABS		BY HAND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
	CATFISH AND BULLHEADS	35,200	\$8,180	-	-	-	-	-
CRABS, BLUE, HARD	1,055,000	40,650	-	-	-	-	-	-
OYSTERS, MARKET, PRIVATE	-	-	6,900	\$1,725	62,000	\$15,500	85,500	\$21,375
SPRING	-	-	5,100	1,275	57,200	13,280	76,000	19,000
FALL	-	-	-	-	-	-	-	-
TOTAL	1,090,200	48,830	12,000	3,000	119,200	28,780	161,500	40,375

## FLORIDA - EAST COAST

## OPERATING UNITS BY GEAR, 1951

ITEM	PURSE SEINES, MENHADEN	HAUL SEINES, COMMON	GILL NETS			TRAWL NETS	LINES
			ANCHOR	DRIFT	RUN- AROUND		
			NUMBER	NUMBER	NUMBER		NUMBER
FISHERMEN:							
ON VESSELS	165	-	-	-	30	-	135
ON BOATS AND SHORE:							
REGULAR	-	155	67	4	751	54	264
CASUAL	-	71	-	18	-	-	564
TOTAL	165	226	67	22	781	54	963

(CONTINUED ON NEXT PAGE)

# SOUTH ATLANTIC FISHERIES

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## FLORIDA, EAST COAST - OPERATING UNITS BY GEAR, 1951 - Continued

ITEM	PURSE SEINES, MENHADEN	HAUL SEINES, COMMON	GILL NETS			TRAMMEL NETS	LINES
			ANCHOR	DRIFT	RUN- AROUND		HANO
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
VESSELS, MOTOR. . . . .	8	-	-	-	11	-	44
NET TONNAGE . . . . .	466	-	-	-	84	-	605
BOATS:							
MOTOR . . . . .	-	33	9	11	176	28	164
OTHER . . . . .	-	49	30	-	365	-	337
ACCESSORY BOATS . . . . .	24	-	-	-	-	-	-
APPARATUS:							
NUMBER. . . . .	8	67	39	11	512	28	983
LENGTH, YARDS . . . . .	3,200	24,420	-	-	-	-	-
SQUARE YARDS. . . . .	-	-	39,050	13,800	800,950	33,550	-
HOOKS . . . . .	-	-	-	-	-	-	1,676

ITEM	LINES-CONTINUED			POUND NETS	CAST NETS	OTTER TRAWLS, SHRIMP	POTS
	TRAWL OR TROT WITH HOOKS	TROLL	TROT WITH BAITS				CRAB
	NUMBER	NUMBER	NUMBER				NUMBER
FISHERMEN:							
ON VESSELS. . . . .	-	38	-	-	-	355	-
ON BOATS AND SHORE:							
REGULAR . . . . .	25	249	10	2	85	63	175
CASUAL . . . . .	8	128	-	-	18	-	-
TOTAL. . . . .	33	415	10	2	103	418	175
VESSELS, MOTOR. . . . .	-	15	-	-	-	121	-
NET TONNAGE . . . . .	-	103	-	-	-	1,622	-
BOATS:							
MOTOR . . . . .	25	183	10	2	2	33	120
OTHER . . . . .	4	56	-	-	34	-	50
APPARATUS:							
NUMBER. . . . .	33	727	10	5	78	154	11,285
HOOKS AND BAITS . . . . .	19,800	804	6,460	-	-	-	-
YARDS AT MOUTH. . . . .	-	-	-	-	-	3,264	-

ITEM	POTS-CONTINUED		SPEARS	TONGS, OYSTER	BY HAND		TOTAL, EXCLUSIVE OF DUPLICATION
	FISH	LOBSTER, SPINY			OYSTER	OTHER	
	NUMBER	NUMBER			NUMBER	NUMBER	
FISHERMEN:							
ON VESSELS. . . . .	-	2	-	-	-	-	673
ON BOATS AND SHORE:							
REGULAR . . . . .	42	109	12	2	5	1	1,492
CASUAL . . . . .	19	2	53	-	6	6	751
TOTAL. . . . .	61	113	65	2	11	7	2,916
VESSELS, MOTOR. . . . .	-	1	-	-	-	-	180
NET TONNAGE . . . . .	-	10	-	-	-	-	2,742
BOATS:							
MOTOR . . . . .	61	73	1	-	-	-	643
OTHER . . . . .	-	-	6	2	8	5	805
ACCESSORY BOATS . . . . .	-	-	-	-	-	-	24
APPARATUS, NUMBER . . . . .	1,600	12,312	65	2	-	-	-

## FLORIDA, EAST COAST - CATCH BY GEAR, 1951

SPECIES	PURSE SEINES		HAUL SEINES		GILL NETS	
	POUNDS	VALUE	POUNDS	VALUE	ANCHOR	
					POUNDS	VALUE
ALEWIVES. . . . .	-	-	143,600	\$2,872	-	-
ANGEL FISH . . . . .	-	-	9,000	180	-	-
BARRACUDA . . . . .	-	-	3,100	155	-	-

(CONTINUED ON NEXT PAGE)

## SOUTH ATLANTIC FISHERIES

## FLORIDA, EAST COAST - CATCH BY GEAR, 1951 - Continued

SPECIES	PURSE SEINES		HAUL SEINES		GILL NETS	
	POUNDS	VALUE	POUNDS	VALUE	ANCHOR	
					POUNDS	VALUE
BLUEFISH . . . . .	-	-	280,400	\$42,060	-	-
BLUE RUNNER OR HARDTAIL . . . . .	-	-	89,800	5,660	900	\$135
BUTTERFISH . . . . .	-	-	300	30	-	-
CATFISH AND BULLHEADS . . . . .	-	-	100,000	16,000	-	-
CIGARFISH . . . . .	-	-	100	5	-	-
CREVALLE . . . . .	-	-	32,500	975	-	-
CRDAKER . . . . .	-	-	55,600	5,560	1,000	100
DRUM:	-	-	-	-	-	-
BLACK . . . . .	-	-	106,300	5,315	-	-
RED OR REDFISH . . . . .	-	-	50,100	6,663	3,200	416
EELS, COMMON . . . . .	-	-	400	60	-	-
FLOUNDERS . . . . .	-	-	14,100	2,538	-	-
GOATFISH . . . . .	-	-	68,000	6,800	-	-
GRUNTS . . . . .	-	-	9,000	720	-	-
HICKORY SHAD . . . . .	-	-	50,000	2,000	-	-
KING MACKEREL . . . . .	-	-	86,600	12,990	-	-
KING WHITING OR "KINGFISH" . . . . .	-	-	217,400	21,740	-	-
MENHADEN . . . . .	79,263,200	\$816,133	244,800	4,896	-	-
MULLET:	-	-	-	-	-	-
BLACK . . . . .	-	-	538,500	59,235	18,000	1,980
SILVER . . . . .	-	-	409,500	28,665	1,600	112
PERMIT . . . . .	-	-	1,000	70	-	-
PINFISH . . . . .	-	-	127,900	6,395	500	25
POMPANO . . . . .	-	-	49,300	24,650	-	-
PORKFISH . . . . .	-	-	100	5	-	-
SEA CATFISH . . . . .	-	-	48,100	2,405	-	-
SEA TROUT OR WEAKFISH:	-	-	-	-	-	-
GRAY . . . . .	-	-	10,100	1,010	14,500	1,450
SPOTTED . . . . .	-	-	224,000	51,520	579,800	133,354
SHAD . . . . .	-	-	1,000	160	-	-
SHARKS . . . . .	-	-	1,400	28	-	-
SHEEPSHEAD, SALT-WATER . . . . .	-	-	46,600	4,194	-	-
SNAPPER:	-	-	-	-	-	-
MANGROVE . . . . .	-	-	10,400	1,456	-	-
RED . . . . .	-	-	300	84	-	-
SNODK OR SERGEANTFISH . . . . .	-	-	28,700	3,731	-	-
SPOT . . . . .	-	-	131,000	10,480	3,800	304
TENPOUNDER . . . . .	-	-	18,900	567	-	-
TURTLES:	-	-	-	-	-	-
GREEN . . . . .	-	-	200	20	-	-
LOGGERHEAD . . . . .	-	-	100	8	-	-
TOTAL . . . . .	79,263,200	816,133	3,208,200	331,902	623,300	137,876

SPECIES	GILL NETS-CONTINUED				TRAMMEL NETS	
	DRIFT		RUNAROUND		POUNDS	VALUE
	POUNDS	VALUE	POUNDS	VALUE		
ALEWIVES . . . . .	45,000	\$900	100,000	\$2,000	50,000	\$1,000
ANGELFISH . . . . .	-	-	2,000	40	-	-
BARRACUDA . . . . .	-	-	5,500	275	-	-
BLUEFISH . . . . .	-	-	985,400	147,810	100,000	15,000
BLUE RUNNER OR HARDTAIL . . . . .	-	-	36,900	1,845	-	-
BUTTERFISH . . . . .	-	-	1,500	138	-	-
CATFISH AND BULLHEADS . . . . .	-	-	800	128	-	-
CREVALLE . . . . .	-	-	73,000	2,190	-	-
CRDAKER . . . . .	-	-	43,500	4,350	-	-
DRUM:	-	-	-	-	-	-
BLACK . . . . .	-	-	47,000	2,350	-	-
RED OR REDFISH . . . . .	-	-	29,100	3,783	500	65
GOATFISH . . . . .	-	-	76,600	7,660	-	-
GRUNTS . . . . .	-	-	77,600	6,208	-	-
HICKORY SHAD . . . . .	-	-	4,500	180	-	-
KING MACKEREL . . . . .	-	-	57,400	8,610	-	-
KING WHITING OR "KINGFISH" . . . . .	-	-	55,700	5,570	-	-
MENHADEN . . . . .	-	-	92,400	1,848	-	-
MULLET:	-	-	-	-	-	-
BLACK . . . . .	-	-	5,885,600	647,416	129,800	14,278
SILVER . . . . .	-	-	797,500	55,825	12,000	840
PIGFISH . . . . .	-	-	500	35	-	-
PINFISH . . . . .	-	-	160,600	8,030	-	-
POMPANO . . . . .	-	-	204,000	102,000	194,800	97,400

(CONTINUED ON NEXT PAGE)

# SOUTH ATLANTIC FISHERIES

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## FLORIDA, EAST COAST - CATCH BY GEAR, 1951 - Continued

SPECIES	GILL NETS-CONTINUED				TRAMMEL NETS	
	DRIFT		RUNAROUND			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
SEA CATFISH . . . . .	-	-	36,500	\$1,859	1,000	\$50
SEA TROUT OR WEAKFISH:						
GRAY . . . . .	-	-	19,600	2,425	-	-
SPOTTED . . . . .	-	-	222,100	51,083	-	-
SHAD . . . . .	274,800	\$43,968	-	-	-	-
SHEEPSHEAD, SALT-WATER . . . . .	-	-	39,000	3,729	-	-
SNAPPER:						
MANGROVE . . . . .	-	-	142,000	19,880	-	-
RED . . . . .	-	-	13,200	3,696	-	-
SNOOK OR SERGEANTFISH . . . . .	-	-	46,700	6,071	2,500	325
SPANISH MACKEREL . . . . .	-	-	1,465,300	146,530	-	-
SPOT . . . . .	-	-	94,900	7,592	-	-
TENPOUNDER . . . . .	-	-	26,300	789	-	-
TURTLES, GREEN . . . . .	-	-	100	10	-	-
<b>TOTAL . . . . .</b>	<b>319,800</b>	<b>44,868</b>	<b>10,842,800</b>	<b>1,251,955</b>	<b>490,600</b>	<b>128,958</b>

SPECIES	LINES					
	HAND		TRAWL OR TROT, WITH HOOKS		TROLL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
AMBERJACK . . . . .	10,900	\$436	-	-	14,900	\$596
BARRACUDA . . . . .	18,000	900	-	-	28,700	1,435
BLUEFISH . . . . .	43,700	6,555	-	-	21,600	3,240
BLUE RUNNER OR HARDTAIL . . . . .	22,600	1,130	-	-	13,400	670
CABIO OR CRAB EATER . . . . .	16,900	1,420	-	-	-	-
CATFISH AND BULLHEADS . . . . .	-	-	423,800	\$67,808	-	-
CERO . . . . .	-	-	-	-	4,200	378
CREVALLE . . . . .	79,800	2,394	-	-	31,000	930
CROAKER . . . . .	21,200	2,120	-	-	-	-
DOLPHIN . . . . .	7,000	700	-	-	19,200	1,920
DRUM:						
BLACK . . . . .	10,500	525	-	-	-	-
RED OR REDFISH . . . . .	52,500	6,925	-	-	100	13
FLOUNDER . . . . .	2,400	430	-	-	-	-
GOATFISH . . . . .	200	20	-	-	-	-
GROUPERS . . . . .	1,295,900	142,549	-	-	-	-
GRUNTS . . . . .	26,100	2,088	-	-	-	-
HOGFISH . . . . .	25,000	3,000	-	-	-	-
JEWFISH . . . . .	52,400	2,620	-	-	-	-
KING MACKEREL . . . . .	150,500	22,375	-	-	1,678,200	251,730
KING WHITING OR KINGFISH . . . . .	12,000	1,800	-	-	36,600	5,490
MUTTONFISH . . . . .	105,600	17,952	-	-	-	-
PERMIT . . . . .	18,100	1,267	-	-	-	-
PIGFISH . . . . .	13,800	966	-	-	-	-
PINFISH . . . . .	500	25	-	-	-	-
POMPANO . . . . .	36,900	18,450	-	-	-	-
PORKFISH . . . . .	1,600	80	-	-	-	-
SCUP OR PORGY . . . . .	10,300	1,133	-	-	-	-
SEA CATFISH . . . . .	5,700	285	-	-	-	-
SEA TROUT OR WEAKFISH:						
GRAY . . . . .	32,200	3,520	-	-	4,200	420
SPOTTED . . . . .	192,000	44,160	-	-	15,700	3,611
SHARKS . . . . .	6,600	144	-	-	-	-
SHEEPSHEAD, SALT-WATER . . . . .	9,600	882	-	-	-	-
SNAPPER:						
MANGROVE . . . . .	95,900	13,426	-	-	-	-
RED . . . . .	495,600	136,498	-	-	-	-
SNOOK OR SERGEANTFISH . . . . .	192,200	40,362	-	-	35,400	7,434
SPANISH MACKEREL . . . . .	104,400	13,572	-	-	-	-
SPOT . . . . .	321,900	32,190	-	-	189,500	18,950
TRIGGERFISH . . . . .	18,800	1,504	-	-	32,000	2,560
TRIPLETAIL . . . . .	1,300	143	-	-	-	-
TUNA AND TUNALIKE FISHES, BONITO . . . . .	2,600	130	-	-	5,100	255
WARSAW . . . . .	20,700	1,873	-	-	-	-
TURTLES . . . . .	-	-	-	-	-	-
SNAPPER . . . . .	-	-	100	6	-	-
SOFT-SHELL . . . . .	-	-	8,700	522	-	-
<b>TOTAL . . . . .</b>	<b>3,554,600</b>	<b>528,205</b>	<b>432,600</b>	<b>68,336</b>	<b>2,129,800</b>	<b>299,632</b>

(CONTINUED ON NEXT PAGE)

## SOUTH ATLANTIC FISHERIES

## FLORIDA, EAST COAST - CATCH BY GEAR, 1951 - Continued

SPECIES	LINES-CONTINUED		POUND NETS		CAST NETS		OTTER TRAWLS	
	TROT WITH BAITS		POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
	POUNDS	VALUE						
ALEWIVES . . . . .	-	-	175,000	\$3,500	-	-	-	-
FLOUNDER . . . . .	-	-	-	-	-	-	21,000	\$3,780
HICKORY SHAD . . . . .	-	-	5,600	224	-	-	-	-
KING WHITING OR "KINGFISH" . . . . .	-	-	-	-	-	-	844,900	84,490
MULLET:								
BLACK . . . . .	-	-	3,000	330	99,500	\$10,945	-	-
SILVER . . . . .	-	-	-	-	49,700	3,479	-	-
PINFISH . . . . .	-	-	-	-	1,500	75	-	-
SEA TROUT OR WEAKFISH, SPOTTED . . . . .	-	-	3,200	736	-	-	-	-
SHAD . . . . .	-	-	60,000	9,600	-	-	-	-
CRABS, BLUE, HARD . . . . .	187,800	\$7,512	-	-	-	-	950,200	38,008
LOBSTERS, SPINY . . . . .	-	-	-	-	-	-	400	76
SHRIMP . . . . .	-	-	-	-	252,200	69,102	7,981,000	2,186,791
TOTAL . . . . .	187,800	7,512	246,800	14,390	402,900	83,601	9,797,500	2,313,145

SPECIES	POTS		SPEARS		TONGS		BY HAND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CATFISH AND BULLHEADS . . . . .	500,000	\$80,000	-	-	-	-	-	-
CREVALLE . . . . .	-	-	1,000	\$30	-	-	-	-
EELS, COMMON . . . . .	15,500	2,325	-	-	-	-	-	-
FLOUNDER . . . . .	-	-	7,100	1,278	-	-	-	-
GROUPERS . . . . .	-	-	5,900	649	-	-	-	-
HOGFISH . . . . .	-	-	1,000	120	-	-	-	-
JEWFISH . . . . .	-	-	2,000	100	-	-	-	-
SEA CATFISH . . . . .	2,000	100	-	-	-	-	-	-
SNAPPER:								
MANGROVE . . . . .	-	-	1,000	140	-	-	-	-
RED . . . . .	-	-	1,000	260	-	-	-	-
SNOOK DR SERGEANTFISH . . . . .	-	-	9,500	1,235	-	-	-	-
CRABS:								
BLUE, HARD . . . . .	5,500,000	220,000	-	-	-	-	-	-
STONE . . . . .	6,900	3,450	-	-	-	-	-	-
LOBSTERS, SPINY . . . . .	2,014,400	382,736	5,400	1,026	-	-	7,800	\$3,900
CLAMS, HARD, PUBLIC . . . . .	-	-	-	-	-	-	-	-
OYSTERS, MARKET, PUBLIC:								
SPRING . . . . .	-	-	-	-	2,500	\$1,350	13,700	7,398
FALL . . . . .	-	-	-	-	1,100	594	10,800	5,832
SCALLOPS, BAY . . . . .	400	24	-	-	-	-	100	64
TURTLES, SOFT-SHELL . . . . .	-	-	-	-	-	-	-	-
TOTAL . . . . .	8,039,200	688,635	33,900	4,838	3,600	1,944	32,400	17,194



BEACH OR HAUL SEINE

# SOUTH ATLANTIC FISHERIES

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## FLORIDA

### OPERATING UNITS BY DISTRICTS, 1951

ITEM	EAST COAST		WEST COAST		TOTAL	
	<u>NUMBER</u>		<u>NUMBER</u>		<u>NUMBER</u>	
<b>FISHERMEN:</b>						
ON VESSELS . . . . .	673		2,484		3,157	
ON BOATS AND SHORE:						
REGULAR . . . . .	1,492		3,375		4,867	
CASUAL . . . . .	751		973		1,724	
<b>TOTAL . . . . .</b>	<b>2,916</b>		<b>6,832</b>		<b>9,748</b>	
<b>VESSELS, MOTOR . . . . .</b>	<b>180</b>		<b>631</b>		<b>811</b>	
<b>NET TONNAGE . . . . .</b>	<b>2,742</b>		<b>9,783</b>		<b>12,525</b>	
<b>BOATS:</b>						
MOTOR . . . . .	643		1,247		1,890	
OTHER . . . . .	805		2,181		2,986	
<b>ACCESSORY BOATS . . . . .</b>	<b>24</b>		<b>35</b>		<b>59</b>	
<b>APPARATUS:</b>						
PURSE SEINES, MENHADEN . . . . .	8		2		10	
LENGTH, YARDS . . . . .	3,200		750		3,950	
HAUL SEINES, COMMON . . . . .	67		122		189	
LENGTH, YARDS . . . . .	24,420		75,700		100,120	
<b>GILL NETS:</b>						
ANCHOR . . . . .	39		4		43	
SQUARE YARDS . . . . .	39,050		2,000		41,050	
DRIFT . . . . .	11		6		17	
SQUARE YARDS . . . . .	13,800		4,500		18,300	
RUNAROUND . . . . .	512		1,533		2,045	
SQUARE YARDS . . . . .	800,950		1,553,460		2,354,410	
TRAMMEL NETS . . . . .	28		655		683	
SQUARE YARDS . . . . .	33,550		580,150		613,700	
<b>LINES:</b>						
HAND . . . . .	983		2,934		3,917	
HOOKS . . . . .	1,676		5,764		7,440	
TRAWL OR TROT, WITH HOOKS . . . . .	33		23		56	
HOOKS . . . . .	19,800		6,400		26,200	
TROLL . . . . .	727		1,014		1,741	
HOOKS . . . . .	804		1,036		1,840	
TROT WITH BAITS . . . . .	10		86		96	
BAITS . . . . .	6,466		96,042		102,502	
POUND NETS . . . . .	5		-		5	
DIP NETS, COMMON . . . . .	-		15		15	
CAST NETS . . . . .	78		95		173	
SHRIMP . . . . .	154		469		623	
YARDS AT MOUTH . . . . .	3,264		10,602		13,866	
<b>POTS:</b>						
CRAB . . . . .	11,285		3,240		16,525	
FISH . . . . .	1,600		-		1,600	
LOBSTERS, SPINY . . . . .	12,312		4,625		16,937	
<b>SPEARS . . . . .</b>	<b>65</b>		<b>57</b>		<b>122</b>	
<b>DREDGES, SCALLOP . . . . .</b>	<b>-</b>		<b>185</b>		<b>185</b>	
<b>YARDS AT MOUTH . . . . .</b>	<b>-</b>		<b>185</b>		<b>185</b>	
<b>TONGS, OYSTER . . . . .</b>	<b>2</b>		<b>220</b>		<b>222</b>	
<b>HOOKS:</b>						
SPONGE . . . . .	-		60		60	
OTHER . . . . .	-		2		2	
<b>DIVING OUTFITS . . . . .</b>	<b>-</b>		<b>3</b>		<b>3</b>	

### FLORIDA - CATCH BY DISTRICTS, 1951

SPECIES	EAST COAST		WEST COAST		TOTAL	
	<u>POUNDS</u>	<u>VALUE</u>	<u>POUNDS</u>	<u>VALUE</u>	<u>POUNDS</u>	<u>VALUE</u>
<b>ALEWIVES . . . . .</b>	513,600	\$10,272	22,300	\$446	535,900	\$10,718
<b>AMBERJACK . . . . .</b>	25,800	1,032	23,700	1,174	49,500	2,206
<b>ANGELFISH . . . . .</b>	11,000	220	2,700	106	13,700	326
<b>BARRACUDA . . . . .</b>	55,300	2,765	20,600	1,030	75,900	3,795
<b>BLUEFISH . . . . .</b>	1,431,100	214,665	594,000	77,220	2,025,100	291,885
<b>BLUE RUNNER OR HARDTAIL . . . . .</b>	163,600	9,440	788,100	39,410	951,700	48,850
<b>BUTTERFISH . . . . .</b>	1,800	168	-	-	1,800	168
<b>CABIO OR CRAB EATER . . . . .</b>	16,900	1,420	8,900	890	25,800	2,310

(CONTINUED ON NEXT PAGE)

## SOUTH ATLANTIC FISHERIES

## FLORIDA - CATCH BY DISTRICTS, 1951 - Continued

SPECIES	EAST COAST		WEST COAST		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FISH-CONTINUED						
CATFISH AND BULLHEADS. . . . .	1,024,600	\$163,936	7,900	\$1,264	1,032,500	\$165,200
CERO . . . . .	4,200	378	200	20	4,400	398
CIGARFISH. . . . .	100	5	62,000	3,100	62,100	3,105
CREVALLE . . . . .	217,300	6,519	513,200	15,396	730,500	21,915
CROAKER. . . . .	121,300	12,130	14,500	1,450	135,800	13,580
DOLPHIN. . . . .	26,200	2,620	100	12	26,300	2,632
DRUM:						
BLACK. . . . .	163,800	8,190	35,900	1,795	199,700	9,985
RED OR REDFISH . . . . .	135,500	17,865	919,300	118,339	1,054,800	136,204
EELS, COMMON . . . . .	15,900	2,385	600	90	16,500	2,475
FLOUNDERS. . . . .	44,600	8,026	59,700	15,536	104,300	23,562
GOATFISH . . . . .	144,800	14,480	500	50	145,300	14,530
GROUPERS . . . . .	1,301,800	143,198	5,582,800	558,535	6,884,600	701,733
GRUNTS . . . . .	112,700	9,016	113,100	8,132	225,800	17,148
HICKORY SHAD . . . . .	60,100	2,404	-	-	60,100	2,404
HOGFISH . . . . .	26,000	3,120	8,300	897	34,300	4,017
JEWFISH . . . . .	54,400	2,720	65,200	3,260	119,600	5,980
KING MACKEREL . . . . .	1,972,700	295,705	1,148,300	172,245	3,121,000	467,950
KING WHITING OR "KINGFISH" . . . . .	1,166,600	119,090	69,300	6,930	1,235,900	126,020
MENHADEN . . . . .	79,600,400	822,877	3,375,300	34,828	82,975,700	857,705
MULLET . . . . .	7,944,700	823,105	22,828,700	2,324,531	30,773,400	3,147,636
MUTTONFISH . . . . .	105,600	17,952	42,700	6,832	148,300	24,784
PERMIT . . . . .	19,100	1,387	22,600	1,432	41,700	2,919
PINFISH . . . . .	14,300	1,001	29,000	2,023	43,300	3,024
PINFISH . . . . .	291,000	14,550	164,200	8,210	455,200	22,760
POMPANO. . . . .	485,000	242,500	477,400	238,700	962,400	481,200
PORKFISH . . . . .	1,700	85	2,900	145	4,600	230
SCUP OR PORGY. . . . .	10,300	1,133	84,100	9,251	94,400	10,384
SEA CATFISH. . . . .	93,300	4,699	842,400	50,544	935,700	55,243
SEA TROUT OR WEAKFISH:						
GRAY . . . . .	80,600	8,825	-	-	80,600	8,825
SPOTTED. . . . .	1,236,800	284,464	2,934,500	674,935	4,171,300	959,399
WHITE. . . . .	-	-	397,200	51,696	397,200	51,696
SHAD . . . . .	335,800	53,728	200	6	336,000	53,734
SHARKS . . . . .	8,000	172	-	-	8,000	172
SHEEPSHEAD, SALT-WATER . . . . .	95,200	8,805	77,900	7,790	173,100	16,595
SNAPPERS:						
MANGROVE . . . . .	249,300	34,902	228,600	32,004	477,900	66,906
RED. . . . .	510,100	140,538	4,313,200	1,121,432	4,823,300	1,261,970
YELLOWTAIL . . . . .	227,600	47,796	210,000	44,086	437,600	91,882
SNOOK OR SERGEANTFISH. . . . .	191,800	24,934	506,700	65,871	698,500	90,805
SPANISH MACKEREL . . . . .	1,976,700	197,670	6,267,100	660,602	8,243,800	858,272
SPOT . . . . .	280,500	22,440	209,600	16,768	490,100	39,208
STURGEON . . . . .	-	-	-	-	3,200	438
TENPOUNDER . . . . .	45,200	1,356	1,000,500	40,020	1,045,700	41,376
TRIGGERFISH. . . . .	1,300	143	27,900	3,069	29,200	3,212
TRIPLETAIL . . . . .	20,700	1,656	900	63	21,600	1,719
TUNA AND TUNALIKE FISHES, . . . . .						
BONITO. . . . .	7,700	385	9,500	475	17,200	860
WARSAW . . . . .	20,700	1,873	191,600	17,244	212,300	19,117
TOTAL . . . . .	102,665,100	3,810,695	54,309,100	6,440,472	156,974,200	10,251,167
SHELLFISH, ETC.						
CRABS:						
BLUE:						
HARD . . . . .	6,638,000	265,520	2,076,600	83,064	8,714,600	348,584
SOFT AND PEELERS . . . . .	-	-	3,400	408	3,400	408
STONE. . . . .	6,900	3,450	59,400	29,168	66,300	32,618
TOTAL . . . . .	6,644,900	268,970	2,139,400	112,640	8,784,300	381,610
LOBSTERS, SPINY. . . . .						
SHRIMP . . . . .	2,020,200	383,838	1,077,200	204,668	3,097,400	588,506
CLAMS, HARD, PUBLIC. . . . .	8,233,200	2,255,893	29,755,500	8,009,542	37,988,700	10,265,435
CONCHS . . . . .	7,800	3,900	8,900	4,450	16,700	8,350
TOTAL . . . . .	-	-	22,500	1,800	22,500	1,800
OYSTERS, MARKET, PUBLIC:						
SPRING . . . . .	16,200	8,748	415,000	224,098	431,200	232,846
FALL . . . . .	11,900	6,426	265,600	143,424	277,500	149,850
TOTAL . . . . .	28,100	15,174	680,600	367,522	708,700	382,696
SCALLOPS, BAY. . . . .						
SQUID. . . . .	100	64	251,500	160,960	251,600	161,024
TURTLES:						
GREEN. . . . .	300	30	6,000	600	6,300	630
LOGGERHEAD . . . . .	100	8	4,100	336	4,200	344
SNAPPER. . . . .	100	6	-	-	100	6
SOFT-SHELL . . . . .	9,100	546	-	-	9,100	546
SPONGES:						
GRASS. . . . .	-	-	500	1,610	500	1,610
SHEEPSWOL . . . . .	-	-	14,800	107,300	14,800	107,300
YELLOW . . . . .	-	-	500	1,845	500	1,845
TOTAL . . . . .	16,943,900	2,928,429	33,962,300	8,973,321	50,906,200	11,901,750
GRAND TOTAL . . . . .	119,609,000	6,739,124	88,271,400	15,413,793	207,880,400	22,152,917

# SECTION 6 - GULF FISHERIES

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

The 1951 catch of fish and shellfish in the Gulf States (West Coast of Florida, Alabama, Mississippi, Louisiana, and Texas) amounted to 649,668,500 pounds valued at \$63,623,165 to the fishermen. This represented an increase of 14 percent in volume and 26 percent in value compared with the landings of the previous year. The menhaden catch amounted to 357,965,100 pounds and comprised 55 percent of the total landings. Shrimp receipts (193,650,900 pounds, valued at \$44,136,151) accounted for 30 percent of the total poundage but made up 69 percent of the total value.

Landings of fishery products at Gulf Coast ports during 1951 compared favorably with the preceding year. Shrimp landings increased 28 percent while the average price per pound paid for these shellfish was slightly higher than in 1950. Hard crab landings were 27 percent less than in 1950, while the landings of menhaden and Spanish mackerel registered appreciable gains.

Improvements in the shrimp industry continued during the year. Many new vessels entered the fishery; gear became more efficient; there was greater mechanization in the landing and processing of the shrimp, particularly in shore establishments; and more shrimp was marketed in institutional and consumer sized packages.

Major shrimp trawler tie-ups as a result of disputes over fishermen's prices were more numerous than in the previous year. Mississippi trawlers ceased shrimping operations from about April 15 to early May, from about mid-August until September 5, and for a one-week period ending about September 23. Because of a price dispute, virtually all shrimp fishing in Alabama ceased from mid-August until late in the month. Shrimp trawlers operating in the offshore waters out of Texas ports ceased operations for approximately three weeks beginning on September 6. Also, because of a weak demand for shrimp at the prevailing ex-vessel prices, a number of trawlers were inactive for a few days the latter part of July and August at a number of Texas ports. There were a few tie-ups of short duration in Louisiana during 1951, but no general stoppage took place throughout the year. Disputes between fishermen were confined principally to Mississippi where controversies occurred between Mississippi union fishermen and non-union fishermen operating on out-of-state vessels at Pascagoula, Mississippi. As a result some of the trawlers became affiliated with the local fishermen's organization and continued to operate. During the height of the negotiations, all shrimp-trawling operations in Mississippi ceased for one week during the early part of July.

The Fish and Wildlife's exploratory vessel the *W/V Oregon* continued operations during the year and was primarily concerned with finding new shrimping grounds in the Gulf. During 1951, the *Oregon* completed exploratory coverage of grounds contiguous to the major shrimp-producing areas in the Gulf as well as partial coverage of some of the more-accessible grounds at considerable distances from regular shrimp-fishing activities of the commercial fleets. Some progress in the charting and classifying of trawling conditions in the Gulf was also made during 1951, while discoveries of new concentrations of brown-grooved shrimp by the *Oregon* led to the extension of the commercial fishing grounds and an increase in the productive potential of this fishery. Exploration in 30 to 50 fathoms in the vicinity of the Mississippi delta revealed the presence of important quantities of large brown-grooved shrimp beyond the normal depth range of the fishery, and this area subsequently became part of the regular fishing grounds for the larger vessels operating in the vicinity. The *Oregon* caught deep-water red shrimp throughout the year over a wide range of the Gulf in depths from 180 fathoms to 305 fathoms. Best catches of red shrimp were made near the mouth of the Mississippi River on a very soft mud bottom. Catches indicated that commercial fishing for red shrimp might prove feasible when problems of fishing at such depths on the extremely soft bottom were solved. Experiments were also continued to improve the effectiveness of the trawls by such methods as varying the cut of the doors and the length of the trawling cable, and by changing the hanging of the trawls.

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<sup>7</sup> This number was assigned to this area by the North Atlantic Council on Fishery Investigations. The catch of the Mississippi River and Tributaries does not appear in this section but may be found in Section 9 of the Digest.

# GULF FISHERIES

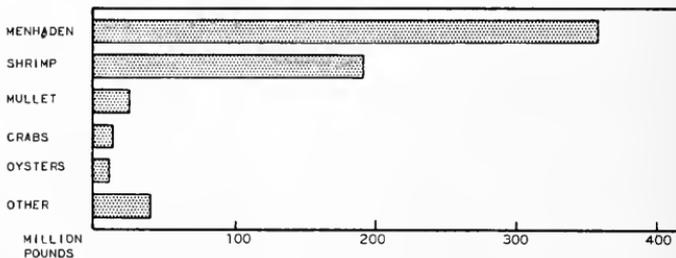
The weather was much less severe during the fall and early winter of 1951 than it was during the previous year. From August through December, storm warnings were displayed on 7 occasions for 11 days in contrast to 13 times for a period of 34 days in 1950.

During the summer of 1951, large numbers of tuna were observed by the *Oregon* in the central Gulf. It was felt that the quantity of tuna seen in 1951 might be sufficient to assure a substantial commercial production if an economical method could be found for taking them and, if the 1951 showing were normal and not an exceptional or rare occurrence.

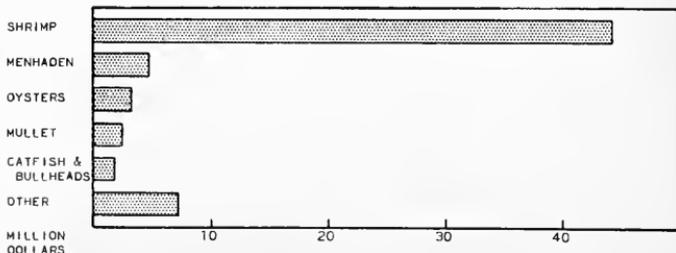
Data covering sales of sponges at the Tarpon Springs Sponge Exchange which have previously been shown at the end of this section have been omitted because of a decline in the importance of this fishery. Information on the catch and value of the sponge fishery in the Gulf for 1951 are listed in the catch tables of this section.

Condensed summary data of the operating units and catch by states of the fisheries of the Gulf Area appearing on the following pages have been previously published in Current Fishery Statistics No. 913. Data on the catch and operating units of the East Coast of Florida and of the entire State of Florida are included in the Section on South Atlantic Fisheries.

## GULF STATES CATCH, 1951



## VALUE OF GULF STATES CATCH, 1951



# GULF FISHERIES

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## SECTIONAL SUMMARIES

### SUMMARY OF CATCH, 1951

PRODUCT	FLORIDA, WEST COAST		ALABAMA		MISSISSIPPI	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FISH . . . . .	54,309,100	\$6,440,472	3,985,600	\$563,646	116,549,100	\$1,567,858
SHELLFISH, ETC. . . . .	33,962,300	8,973,321	9,657,100	2,075,454	9,131,700	1,564,841
TOTAL . . . . .	88,271,400	15,413,793	13,642,700	2,639,100	125,680,800	3,132,699

PRODUCT	LOUISIANA		TEXAS		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FISH . . . . .	220,778,100	\$5,150,388	33,207,500	\$1,169,800	428,829,400	\$14,892,164
SHELLFISH, ETC. . . . .	103,005,400	21,588,262	65,082,600	14,529,123	220,839,100	48,731,001
TOTAL . . . . .	323,783,500	26,738,650	98,290,100	15,698,923	649,668,500	63,623,165

NOTE:--DATA SHOWING THE TOTAL FLORIDA CATCH FOR 1951 MAY BE FOUND AT THE END OF THE SOUTH ATLANTIC SECTION.

### SUMMARY OF OPERATING UNITS, 1951

ITEM	FLORIDA, WEST COAST	ALABAMA	MISSISSIPPI	LOUISIANA	TEXAS	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
<b>FISHERMEN:</b>						
ON VESSELS . . . . .	2,484	445	1,698	2,499	2,339	8,719
ON BOATS AND SHORE:						
REGULAR . . . . .	3,375	1,012	1,145	4,129	1,529	11,190
CASUAL . . . . .	973	230	127	505	133	1,968
TOTAL . . . . .	6,832	1,687	2,970	7,133	4,001	21,877
<b>VESSELS, MOTOR.</b> . . . .	631	131	397	764	736	2,431
NET TONNAGE . . . . .	9,783	1,757	7,497	12,185	16,635	43,554
<b>BOATS:</b>						
MOTOR . . . . .	1,247	526	659	2,256	770	5,458
OTHER . . . . .	2,181	417	178	964	220	3,960
ACCESSORY BOATS . . . . .	35	-	87	93	27	221
<b>APPARATUS:</b>						
PURSE SEINES, MENHADEN.	2	-	29	31	9	64
LENGTH, YARDS . . . . .	750	-	10,900	11,789	26,989	24,300
HAUL SEINES, COMMON . . . . .	122	2	2	36	4	166
LENGTH, YARDS . . . . .	75,700	625	1,133	4,802	850	83,110
<b>GILL NETS:</b>						
ANCHOR . . . . .	4	-	-	-	-	4
SQUARE YARDS . . . . .	2,000	-	-	-	-	2,000
DRIFT . . . . .	6	-	-	-	-	6
SQUARE YARDS . . . . .	4,500	-	-	-	-	4,500
RUNAROUND . . . . .	1,533	15	-	-	24	1,572
SQUARE YARDS . . . . .	1,553,460	7,350	-	-	14,400	1,575,210
STAKE . . . . .	-	-	-	1	7	8
SQUARE YARDS . . . . .	-	-	-	200	3,400	3,600
TRAMMEL NETS . . . . .	655	45	64	77	50	891
SQUARE YARDS . . . . .	580,150	18,350	20,008	14,600	17,400	650,508
<b>LINES:</b>						
HAND . . . . .	2,934	177	125	160	303	3,699
HOOKS . . . . .	5,714	305	129	160	404	6,762
SNAG . . . . .	-	-	-	-	5	5
HOOKS . . . . .	-	-	-	5,000	-	5,000
TRAWL OR TROT, WITH:						
HOOKS . . . . .	23	35	-	753	123	934
HOOKS . . . . .	6,400	12,150	-	212,865	46,050	277,465
TRULL . . . . .	1,014	-	-	-	-	1,014
HOOKS . . . . .	1,036	-	-	-	-	1,036
TROT WITH BAITS . . . . .	86	121	229	738	25	1,199
BAITS . . . . .	96,042	55,800	189,950	331,550	7,250	680,592
FYKE NETS . . . . .	-	134	-	1,430	-	1,564
<b>DIP NETS:</b>						
COMMON . . . . .	-	5	-	8	-	28
DROP . . . . .	15	-	-	4,945	-	4,945

(CONTINUED ON NEXT PAGE)

## GULF FISHERIES

## SUMMARY OF OPERATING UNITS, 1951 - Continued

ITEM	FLORIDA, WEST COAST	ALABAMA	MISSISSIPPI	LOUISIANA	TEXAS	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
APPARATUS:-- CONTINUED						
CAST NETS . . . . .	95	25	20	-	-	140
OTTER TRAWLS, SHRIMP . . . . .	469	475	621	2,081	1,372	5,001
YARDS AT MOUTH . . . . .	10,602	6,551	13,989	39,581	30,897	96,035
TRAPS, BRUSH . . . . .	-	-	-	96,500	-	96,500
SLAT TRAPS . . . . .	-	225	-	-	-	225
POTS:						
CRAB . . . . .	5,240	80	1,220	3,500	820	10,860
LOBSTERS, SPINY . . . . .	4,625	-	-	-	-	4,625
SPEARS . . . . .	57	29	-	-	39	125
DREDGES:						
OYSTER, COMMON . . . . .	-	-	108	156	67	329
YARDS AT MOUTH . . . . .	-	-	112	169	81	360
SCALLOP . . . . .	185	-	-	-	-	185
YARDS AT MOUTH . . . . .	185	-	-	-	-	185
TONGS, OYSTER . . . . .	220	677	39	470	73	1,479
GRABS, FROG . . . . .	-	-	-	16	-	16
HOOKS:						
SPONGE . . . . .	60	-	-	-	-	60
OTHER . . . . .	2	-	-	-	-	2
DIVING OUTFITS . . . . .	3	-	-	-	-	3

NOTE:--DATA SHOWING THE TOTAL NUMBER OF OPERATING UNITS IN FLORIDA FOR 1951 MAY BE FOUND AT THE END OF THE SOUTH ATLANTIC SECTION.

## CATCH BY STATES, 1951

SPECIES	FLORIDA, WEST COAST		ALABAMA		MISSISSIPPI	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES . . . . .	22,300	\$446	-	-	-	-
AMERJACK . . . . .	23,700	1,174	1,600	\$64	-	-
ANGELFISH . . . . .	2,700	106	-	-	-	-
BARRACUDA . . . . .	20,600	1,030	-	-	-	-
BLUEFISH . . . . .	594,000	77,220	26,200	3,660	300	\$36
BLUE RUNNER OR HARDTAIL . . . . .	788,100	39,410	30,300	598	-	-
BUFFALOFISH . . . . .	-	-	79,900	9,808	-	-
BUTTERFISH . . . . .	-	-	1,300	133	-	-
CABIO OR CRAB EATER . . . . .	8,900	890	21,300	1,278	900	72
CATFISH AND BULLHEADS . . . . .	7,900	1,264	110,400	25,492	1,500	300
CERO . . . . .	200	20	-	-	-	-
CIGARFISH . . . . .	62,000	3,100	-	-	-	-
CREVALLE . . . . .	513,200	15,396	-	-	-	-
CROAKER . . . . .	14,500	1,450	72,900	4,367	6,200	710
DOLPHIN . . . . .	100	12	-	-	-	-
DRUM:						
BLACK . . . . .	35,900	1,795	10,900	1,135	8,300	662
RED OR REOFISH . . . . .	919,300	118,339	43,600	7,852	31,400	6,002
EELS, COMMON . . . . .	600	90	-	-	-	-
FLOUNDERS . . . . .	59,700	15,536	84,600	17,760	37,800	6,131
GOATFISH . . . . .	500	50	-	-	-	-
GROUPERS . . . . .	5,582,800	558,535	225,300	27,033	300	36
GRUNTS . . . . .	113,100	6,132	-	-	-	-
HOGFISH . . . . .	8,300	897	-	-	-	-
JEWFISH . . . . .	65,200	3,260	-	-	500	60
KING MACKEREL . . . . .	1,148,300	172,245	3,200	292	-	-
KING WHITING OR KINGFISH . . . . .	69,300	6,930	96,000	5,755	127,800	8,946
HENHADEN . . . . .	3,375,300	34,828	-	-	114,894,600	1,424,141
HULLET . . . . .	22,828,700	2,324,531	1,539,400	123,038	431,200	35,088
HUTTONFISH . . . . .	42,700	6,832	-	-	-	-
PADDLEFISH OR SPOONBILL CAT . . . . .	-	-	11,900	1,666	-	-
PERMIT . . . . .	22,600	1,582	-	-	-	-
PIGFISH . . . . .	29,000	2,023	-	-	-	-
PINFISH . . . . .	164,200	8,210	-	-	-	-
POMPANO . . . . .	477,400	238,700	3,500	1,743	-	-
PORKFISH . . . . .	2,900	145	-	-	-	-

(CONTINUED ON NEXT PAGE)

# GULF FISHERIES

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## CATCH BY STATES, 1951 - Continued

SPECIES	FLORIDA, WEST COAST		ALABAMA		MISSISSIPPI	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FISH - CONTINUED						
SCUP OR PORGY . . . . .	84,100	\$9,251	-	-	-	-
SEA CATFISH . . . . .	842,400	50,544	3,600	\$180	1,900	\$133
SEA TROUT OR WEAKFISH:						
SPOTTED . . . . .	2,934,500	674,935	68,700	15,877	142,200	31,284
WHITE . . . . .	397,200	51,696	35,300	2,440	40,200	2,842
SHAD . . . . .	200	6	-	-	-	-
SHEEPSHEAD:						
FRESH-WATER . . . . .	-	-	6,400	704	-	-
SALT-WATER . . . . .	77,900	7,790	13,300	1,312	1,200	120
SNAPPERS:						
MANGROVE . . . . .	228,600	32,004	-	-	-	-
RED . . . . .	4,313,200	1,121,432	1,228,800	283,668	2,400	511
YELLOWTAIL . . . . .	210,000	44,086	-	-	-	-
SNOOK OR SERGEANTFISH . . . . .	506,700	65,871	-	-	-	-
SPADEFISH . . . . .	-	-	-	-	-	-
SPANISH MACKEREL . . . . .	6,267,100	660,602	240,100	26,400	300	29
SPOT . . . . .	209,600	16,768	5,000	285	1,300	91
STRIPED BASS . . . . .	-	-	400	48	-	-
STURGEON . . . . .	3,200	438	4,200	578	-	-
TENPOUNDER . . . . .	1,000,500	40,020	15,500	356	-	-
TRIGGERFISH . . . . .	27,900	3,069	100	8	-	-
TRIPLETAIL . . . . .	900	63	500	42	800	84
TUNA AND TUNALIKE FISHES:						
BONITO . . . . .	9,500	475	-	-	-	-
LITTLE . . . . .	-	-	1,200	60	-	-
YELLOWFIN . . . . .	-	-	-	-	348,000	45,240
TOTAL TUNA AND TUNALIKE FISHES . . . . .	9,500	475	1,200	60	348,000	45,240
WARSAW . . . . .	191,600	17,244	-	-	-	-
UNCLASSIFIED, OTHER THAN FOR HUMAN FOOD . . . . .	-	-	-	-	470,000	5,640
TOTAL FISH . . . . .	54,309,100	6,440,472	3,985,600	563,646	116,549,100	1,567,858
SHELLFISH, ETC.						
CRABS:						
BLUE:						
HARD . . . . .	2,076,600	83,064	1,109,100	46,031	1,623,100	81,753
SOFT AND PEELERS . . . . .	3,400	408	300	148	6,300	2,200
STONE . . . . .	59,400	29,168	-	-	-	-
TOTAL CRABS . . . . .	2,139,400	112,640	1,109,400	46,179	1,629,400	83,953
LOBSTERS, SPINY . . . . .	1,077,200	204,668	-	-	-	-
SHRIMP . . . . .	29,755,500	8,009,542	6,356,200	1,268,055	7,474,700	1,470,373
CLAMS, HARD, PUBLIC . . . . .	8,900	4,450	-	-	-	-
CONCHS . . . . .	22,500	1,800	-	-	-	-
OYSTERS, MARKET, PUBLIC:						
SPRING . . . . .	415,000	224,098	1,738,300	598,870	9,900	3,794
FALL . . . . .	265,600	143,424	453,100	162,335	17,700	6,721
TOTAL OYSTERS . . . . .	680,600	367,522	2,191,400	761,205	27,600	10,515
SCALLOPS, BAY . . . . .	251,500	160,960	-	-	-	-
SQUID . . . . .	800	48	-	-	-	-
TERRAPIN, DIAMOND-BACK . . . . .	-	-	100	15	-	-
TURTLES:						
GREEN . . . . .	6,000	600	-	-	-	-
LOGGERHEAD . . . . .	4,100	336	-	-	-	-
SPONGES:						
GRASS . . . . .	500	1,610	-	-	-	-
SHEEPSWOL . . . . .	14,800	107,300	-	-	-	-
YELLOW . . . . .	500	1,845	-	-	-	-
TOTAL SHELLFISH, ETC. . . . .	33,962,300	8,973,321	9,657,100	2,075,454	9,131,700	1,564,841
GRAND TOTAL . . . . .	88,271,400	15,413,793	13,642,700	2,639,100	125,680,800	3,132,699

SPECIES	LOUISIANA		TEXAS		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FISH						
ALEWIVES . . . . .	-	-	-	-	22,300	\$446
AMBERJACK . . . . .	-	-	200	\$10	25,500	1,248
ANGELFISH . . . . .	-	-	-	-	2,700	106

(CONTINUED ON NEXT PAGE)

## GULF FISHERIES

## CATCH BY STATES, 1951 - Continued

SPECIES	LOUISIANA		TEXAS		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FISH - CONTINUED						
BARRACUDA . . . . .	-	-	-	-	21,030	81,030
BLUEFISH . . . . .	-	-	-	-	620,500	80,916
BLUE RUNNER OR HARDTAIL . . . . .	-	-	-	-	818,400	40,008
BUFFALO FISH . . . . .	695,600	\$76,516	-	-	775,500	86,324
BUTTERFISH . . . . .	-	-	-	-	1,300	133
CABO OR CRAB EATER . . . . .	100	15	1,700	\$204	32,900	2,459
CARP . . . . .	15,700	785	-	-	15,700	785
CATFISH AND BULLHEADS . . . . .	7,423,300	1,781,742	10,000	3,000	7,553,100	1,811,798
CERO . . . . .	-	-	-	-	20	20
CIGARFISH . . . . .	-	-	-	-	62,000	3,100
CREVALLE . . . . .	-	-	-	-	513,200	15,396
CROAKER . . . . .	27,100	2,439	500	46	121,200	8,712
DOLPHIN . . . . .	400	40	-	-	500	52
DRUM:						
BLACK . . . . .	235,000	23,500	702,200	98,308	992,300	125,400
RED OR REOFISH . . . . .	383,500	54,572	237,500	66,500	1,615,300	253,265
EELS, COMMON . . . . .	-	-	-	-	600	90
FLOUNDER . . . . .	121,300	21,179	86,900	21,925	390,300	82,531
GARFISH . . . . .	202,600	10,130	-	-	202,600	10,130
GOATFISH . . . . .	-	-	-	-	500	50
GROUPERS . . . . .	17,000	1,760	36,700	4,404	5,862,100	591,768
GRUNTS . . . . .	19,900	3,582	-	-	133,000	11,714
HOGFISH . . . . .	4,600	920	-	-	12,900	1,817
JEW FISH . . . . .	500	75	73,900	6,651	140,100	10,046
KING MACKEREL . . . . .	-	-	-	-	1,151,500	172,537
KING WHITING OR KINGFISH . . . . .	399,300	35,303	106,600	7,462	799,000	64,396
MEMPHADEN . . . . .	209,574,000	2,892,121	30,121,200	521,096	357,965,100	4,872,186
MULLET . . . . .	17,500	875	192,900	13,503	25,009,700	2,497,035
MUTTONFISH . . . . .	-	-	-	-	42,700	6,832
PADDLEFISH OR SPOONBILL CAT . . . . .	10,900	1,890	-	-	22,800	3,556
PERMIT . . . . .	-	-	-	-	22,600	1,582
PIGFISH . . . . .	-	-	-	-	29,000	2,023
PINFISH . . . . .	-	-	-	-	164,200	8,210
POMPANO . . . . .	-	-	2,100	840	483,000	241,283
PORKFISH . . . . .	10,800	540	-	-	2,900	145
SAWFISH . . . . .	-	-	-	-	10,800	540
SCUP OR PORGY . . . . .	-	-	-	-	84,100	9,251
SEA CATFISH . . . . .	159,600	12,172	63,400	5,706	1,070,900	68,735
SEA TROUT OR WEAKFISH:						
SPOTTED . . . . .	543,200	137,261	410,400	103,817	4,099,000	963,174
WHITE . . . . .	59,000	4,720	23,200	1,192	554,900	62,890
SHAD . . . . .	-	-	-	-	200	6
SHARKS . . . . .	11,100	555	-	-	11,100	555
SHEEPSHEAD:						
FRESH-WATER . . . . .	739,200	74,433	-	-	745,600	75,137
SALT-WATER . . . . .	94,100	10,351	18,000	1,962	204,500	21,535
SNAPPERS:						
MANGROVE . . . . .	-	-	-	-	228,600	32,004
RED . . . . .	9,200	2,464	1,116,800	312,704	6,670,400	1,720,779
YELLOWTAIL . . . . .	-	-	-	-	210,000	44,086
SNOOK OR SERGEANTFISH . . . . .	-	-	1,100	110	507,800	65,981
SPADEFISH . . . . .	-	-	-	-	200	14
SPANISH MACKEREL . . . . .	1,100	110	2,200	360	6,510,800	687,501
SPOT . . . . .	-	-	-	-	215,900	17,144
STRIPED BASS . . . . .	-	-	-	-	400	48
STURGEON . . . . .	200	16	-	-	7,600	1,032
TENPOUNDER . . . . .	-	-	-	-	1,016,000	40,376
TRIGGERFISH . . . . .	-	-	-	-	28,000	3,077
TRIPLETAIL . . . . .	2,300	322	-	-	4,500	511
TUNA AND TUNALIKE FISHES:						
BONITO . . . . .	-	-	-	-	9,500	475
LITTLE . . . . .	-	-	-	-	1,200	60
YELLOWFIN . . . . .	-	-	-	-	348,000	45,240
TOTAL TUNA AND TUNALIKE FISHES . . . . .	-	-	-	-	358,700	45,775
WARSAW . . . . .						
UNCLASSIFIED, OTHER THAN FOR HUMAN FOOD . . . . .	-	-	-	-	191,600	17,244
TOTAL FISH . . . . .	220,778,100	5,150,388	33,207,500	1,169,800	428,829,400	14,892,164
SHELLFISH, ETC.						
CRABS:						
BLUE:						
BLIND . . . . .	8,709,700	461,245	279,800	24,064	13,798,300	696,157
SOFT AND PEELERS . . . . .	350,300	188,319	-	-	360,300	191,075
STONE . . . . .	-	-	-	-	59,400	29,168
TOTAL CRABS . . . . .	9,060,000	649,564	279,800	24,064	14,218,000	916,400

(CONTINUED ON NEXT PAGE)

# GULF FISHERIES

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## CATCH BY STATES, 1951 - Continued

SPECIES	LOUISIANA		TEXAS		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
<b>SHELLFISH, ETC.-CONT'D.</b>						
CRAWFISH, FRESH-WATER. . . . .	29,500	\$3,245	-	-	29,500	\$3,245
LOBSTERS, SPINY. . . . .	-	-	-	-	1,077,200	204,668
SHRIMP . . . . .	85,718,200	19,022,485	64,346,300	\$14,365,696	193,650,900	44,136,151
CLAMS, HARD, PUBLIC. . . . .	-	-	-	-	8,900	4,450
CONCHS . . . . .	-	-	-	-	22,500	1,800
<b>OYSTERS, MARKET:</b>						
PUBLIC, SPRING . . . . .	3,101,000	760,366	280,000	85,836	5,544,200	1,672,964
PUBLIC, FALL . . . . .	185,800	51,852	175,700	53,503	1,097,900	417,835
PRIVATE, SPRING. . . . .	3,834,500	823,527	-	-	3,834,500	823,527
PRIVATE, FALL. . . . .	1,042,400	266,902	-	-	1,042,400	266,902
<b>TOTAL OYSTERS . . . . .</b>	<b>8,163,700</b>	<b>1,902,647</b>	<b>455,700</b>	<b>139,339</b>	<b>11,519,000</b>	<b>3,181,228</b>
<b>SCALLOPS, BAY. . . . .</b>						
SQUID. . . . .	1,500	70	800	24	251,500	160,960
TERRAPIN, DIAMOND-BACK . . . . .	-	-	-	-	3,100	142
TURTLES:					100	15
GREEN. . . . .	2,800	280	-	-	8,800	880
LOGGERHEAD . . . . .	-	-	-	-	4,100	336
SNAPPER. . . . .	1,700	221	-	-	1,700	221
FROGS. . . . .	28,000	9,750	-	-	28,000	9,750
Sponges:						
GRASS. . . . .	-	-	-	-	500	1,610
SHEEPSWOL. . . . .	-	-	-	-	14,800	107,300
YELLOW. . . . .	-	-	-	-	500	1,845
<b>TOTAL SHELLFISH, ETC. . . . .</b>	<b>103,005,400</b>	<b>21,588,262</b>	<b>65,082,600</b>	<b>14,529,123</b>	<b>220,839,100</b>	<b>48,731,001</b>
<b>GRAND TOTAL . . . . .</b>	<b>323,783,500</b>	<b>26,738,650</b>	<b>98,290,100</b>	<b>15,698,923</b>	<b>649,668,500</b>	<b>63,623,165</b>

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: MARKET PUBLIC SPRING OYSTERS, 1,527,500 POUNDS OF MEATS, VALUE \$445,255; MARKET PUBLIC FALL OYSTERS, 67,500 POUNDS OF MEATS, VALUE \$21,540; AND SHRIMP, 7,554,300 POUNDS, VALUED \$1,435,317. THE CATCH OF YELLOWFIN TUNA IN MISSISSIPPI WAS TAKEN IN THE PACIFIC OCEAN.

## AVERAGE WEIGHTS OF CERTAIN SHELLFISH, 1951

ITEM	FLORIDA, WEST COAST	ALABAMA	MISSISSIPPI	LOUISIANA	TEXAS
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
<b>CRABS:</b>					
BLUE:					
HARD. . . . . NUMBER PER LB.	2.02	2.15	2.17	1.99	1.81
SOFT AND PEELERS DO	4.00	3.00	2.73	2.94	-
STONE . . . . . DO	1.00	-	-	-	-
CLAMS, HARD, PUBLIC . LBS. MEATS PER					
U.S. BUSHEL	8.00	-	-	-	-
DO	14.00	-	-	-	-
<b>CONCHS. . . . . DO</b>					
<b>OYSTERS, MARKET:</b>					
PUBLIC, SPRING. . . . . DO	4.15	4.74	4.00	3.57	3.64
PUBLIC, FALL. . . . . DO	4.02	4.79	4.00	3.56	3.36
PRIVATE, SPRING . . . . . DO	-	-	-	4.23	-
PRIVATE, FALL . . . . . DO	-	-	-	4.49	-
SCALLOPS, BAY . . . . . DO	5.20	-	-	-	-

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

## GULF FISHERIES

## CATCH OF CERTAIN SHELLFISH, 1951

(IN NUMBERS AND BUSHELS)

ITEM	FLORIDA, WEST COAST		ALABAMA		MISSISSIPPI	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
CRABS:						
BLUE:						
HARD . . . . .	NUMBER	4,190,076	2,388,732	\$46,031	888,216	\$81,753
SOFT AND PEELERS . . . . .	DO	13,596	900	148	17,184	2,200
STONE . . . . .	DO	59,400	-	-	-	-
CLAMS, HARD, PUBLIC . . . . .	U.S. BUSHEL	1,112	-	-	-	-
CONCHS. . . . .	DO	1,607	-	-	-	-
OYSTERS, MARKET, PUBLIC:						
SPRING. . . . .	DO	99,957	366,730	598,870	2,475	3,794
FALL. . . . .	DO	66,062	143,424	94,593	4,425	6,721
SCALLOPS, BAY . . . . .	DO	48,365	160,960	-	-	-
ITEM	LOUISIANA		TEXAS		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
CRABS:						
BLUE:						
HARD . . . . .	NUMBER	17,360,688	506,400	\$24,064	25,334,112	\$696,157
SOFT AND PEELERS . . . . .	DO	1,029,904	-	-	1,060,584	191,075
STONE . . . . .	DO	-	-	-	59,400	29,168
CLAMS, HARD, PUBLIC . . . . .	U.S. BUSHEL	-	-	-	1,112	4,450
CONCHS. . . . .	DO	-	-	-	1,607	1,800
OYSTERS, MARKET:						
PUBLIC, SPRING. . . . .	DO	665,633	76,965	85,836	1,211,760	1,672,964
PUBLIC, FALL. . . . .	DO	52,117	51,852	53,503	269,504	417,835
PRIVATE, SPRING . . . . .	DO	1,076,580	823,527	-	1,076,580	823,527
PRIVATE, FALL . . . . .	DO	231,961	266,902	-	231,961	266,902
SCALLOPS, BAY . . . . .	DO	-	-	-	48,365	160,960

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

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

ITEM	YEAR	UNIT	WEST COAST OF FLORIDA, ALABAMA, AND TEXAS	
			QUANTITY	VALUE
BY MANUFACTURING ESTABLISHMENTS:				
CATFISH, FROZEN FILLETS. . . . .	1951	POUNDS	31,895	\$12,508
GROUPE:				
FRESH FILLETS. . . . .	1951	DO	87,754	45,016
FROZEN FILLETS . . . . .	1951	DO	34,445	13,651
FRESH AND FROZEN STEAKS. . . . .	1951	DO	161,807	73,860
MENHADEN:				
MEAL AND DRY SCRAP . . . . .	1951	TONS	(2)	(2)
OIL . . . . .	1951	GALLONS	(2)	(2)
MULLET, SALTED . . . . .	1950	POUNDS	3,738	4,038
SNAPPER, RED:				
FRESH AND FROZEN FILLETS . . . . .	1951	DO	24,371	14,217
FRESH STEAKS . . . . .	1951	DO	19,441	10,439
SPANISH MACKEREL, FRESH AND FROZEN FILLETS	1951	DO	86,422	30,413
CRABS, BLUE, HARD:				
COOKED MEAT, FRESH AND FROZEN. . . . .	1950	DO	192,491	137,544
CANNED . . . . .	1951	STANDARD CASES	(2)	(2)
SHRIMP:				
PACKAGED FROZEN, INCLUDING RAW PEELED. . . . .	1950	POUNDS	29,526,721	15,183,955
BREADED, FROZEN. . . . .	1950	DO	(2)	(2)
CANNED, NATURAL, WET PACK. . . . .	1951	STANDARD CASES	(2)	(2)
OYSTERS:				
SHUCKED, FRESH AND FROZEN. . . . .	1950	GALLONS	105,667	429,121
CANNED . . . . .	1951	STANDARD CASES	33,212	478,629
POULTRY GRIT AND BURNED LIME . . . . .	1951	TONS	110,116	972,927
SCALLOPS, BAY, FRESH AND FROZEN. . . . .	1950	GALLONS	13,773	60,258
UNCLASSIFIED PRODUCTS:				
MISCELLANEOUS PRODUCTS AND BYPRODUCTS. . . . .	1951	-	-	3/1,621,846
MISCELLANEOUS PRODUCTS . . . . .	1950	-	-	9/105,962
TOTAL . . . . .				19,191,384
FISHERMEN'S PREPARED PRODUCTS:				
CRAB MEAT, FRESH-COOKED. . . . .	1950	POUNDS	8,127	4,876
OYSTERS, FRESH-SHUCKED . . . . .	1950	GALLONS	12,581	56,363
TOTAL . . . . .				61,239
GRAND TOTAL . . . . .				19,252,623

SEE FOOTNOTES AT END OF TABLE.

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# GULF FISHERIES

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## MANUFACTURED FISHERY PRODUCTS - VARIOUS YEARS - Continued

ITEM	YEAR	UNIT	MISSISSIPPI		LOUISIANA	
			QUANTITY	VALUE	QUANTITY	VALUE
<b>BY MANUFACTURING ESTABLISHMENTS:</b>						
<b>MENHADEN:</b>						
MEAL AND DRY SCRAP. . . . .	1951	TONS	11,170	\$1,321,899	21,950	\$2,677,779
OIL. . . . .	1951	GALLONS	2,030,811	1,325,844	3,367,432	2,693,278
MULLET, SALTED. . . . .	1950	POUNDS	(2)	(2)	-	-
<b>CRABS, BLUE, HARD:</b>						
COOKED MEAT, FRESH AND FROZEN	1950	DO	424,294	342,200	982,411	805,578
CANNED. . . . .	1951	STANDARD CASES	(2)	(2)	16,260	275,687
CRAWFISH BISQUE, CANNED. . . . .	1951	DO	-	-	993	21,856
<b>SHRIMP:</b>						
PACKAGED FROZEN, INCLUDING						
RAW PEELED. . . . .	1950	POUNDS	5,169,390	2,927,768	10,007,389	5,461,893
COOKED, PEELED, FRESH AND						
FROZEN. . . . .	1950	DO	26,750	29,779	316,073	390,779
BREADED, FROZEN. . . . .	1950	DO	-	-	556,800	322,516
CANNED, NATURAL, WET PACK	1951	STANDARD CASES	182,373	2,738,787	637,345	8,523,884
SPECIALTIES, CANNED. . . . .	1951	DO	-	-	2,835	53,257
MEAL AND BRAN. . . . .	1951	TONS	-	-	905	67,135
<b>OYSTERS:</b>						
SHUCKED, FRESH AND FROZEN. . . . .	1950	GALLONS	(2)	(2)	(2)	(2)
CANNED. . . . .	1951	STANDARD CASES	72,990	888,542	172,933	2,106,266
SPECIALTIES, CANNED. . . . .	1951	DO	-	-	761	17,268
POULTRY GRIT AND BURNED LIME.	1951	TONS	-	-	(2)	(2)
TURTLE SOUP, CANNED. . . . .	1951	STANDARD CASES	-	-	1,193	15,779
<b>UNCLASSIFIED PRODUCTS:</b>						
<b>MISCELLANEOUS PRODUCTS AND</b>						
BYPRODUCTS. . . . .	1951	-	-	4/291,318	-	5/1,427,497
MISCELLANEOUS PRODUCTS. . . . .	1950	-	-	7/62,816	-	8/632,738
<b>TOTAL. . . . .</b>			<b>-</b>	<b>9,928,953</b>	<b>-</b>	<b>25,493,190</b>

- 1/ DATA ON THE PRODUCTION OF THE VARIOUS PRODUCTS ARE FOR THE YEARS INDICATED.
- 2/ INCLUDED UNDER UNCLASSIFIED PRODUCTS.
- 3/ INCLUDES FRESH FILLETS OF FLOUNDER, KING MACKEREL, AND PORGY; FROZEN CABIO STEAKS; CANNED SHRIMP AND CRAB MEAT; AND DRY SCRAP, MEAL, OIL, AND SOLUBLES OF MENHADEN.
- 4/ INCLUDES CANNED CRAB MEAT AND FISH SOLUBLES.
- 5/ INCLUDES CANNED SOFT-SHELL CRABS, LOBSTER BISQUE, BOUILLABAISSA, AND CREOLE GUMBO; OYSTER-SHELL POULTRY GRIT AND UNBURNED LIME; AND FISH SOLUBLES.
- 6/ INCLUDES FROZEN STUFFED CRABS AND BREADED SHRIMP.
- 7/ INCLUDES SALTED MULLET AND FRESH SHUCKED OYSTERS.
- 8/ INCLUDES FROZEN STUFFED CRABS, SHRIMP STEW, SHRIMP AND OKRA, BREADED OYSTERS, AND SEAFOOD GUMBO; AND FRESH-SHUCKED OYSTERS.

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

## SUMMARY OF PRODUCTION, BY STATES

STATE	MANUFACTURED FISHERY PRODUCTS	FISHERMEN'S PREPARED PRODUCTS	TOTAL
	VALUE	VALUE	VALUE
FLORIDA, WEST COAST. . . . .	\$766,644	-	\$766,644
ALABAMA. . . . .	1,819,707	\$45,363	1,865,070
MISSISSIPPI. . . . .	9,928,953	-	9,928,953
LOUISIANA. . . . .	25,493,190	-	25,493,190
TEXAS. . . . .	16,605,033	15,876	16,620,909
<b>TOTAL. . . . .</b>	<b>54,613,527</b>	<b>61,239</b>	<b>54,674,766</b>

## SUMMARY OF PRODUCTION, BY COMMODITIES

SUMMARY OF ITEMS	YEAR	UNIT	QUANTITY	VALUE
PACKAGED FISH, FRESH AND FROZEN. . . . .	1951	POUNDS	446,946	\$200,324
CANNED FISH AND SHELLFISH. . . . .	1951	STANDARD CASES	1,161,476	15,826,215
BYPRODUCTS. . . . .	1951	-	-	11,690,043
PACKAGED SHELLFISH, FRESH AND FROZEN. . . . .	1950	POUNDS	49,418,096	26,768,671
SALTED, DRIED AND PICKLED. . . . .	1950	DO	11,238	7,788
MISCELLANEOUS FROZEN FISH AND SHELLFISH SPECIALTIES. . . . .	1950	DO	436,395	181,725
<b>TOTAL. . . . .</b>			<b>-</b>	<b>54,674,766</b>

# GULF FISHERIES

## FLORIDA - WEST COAST

### OPERATING UNITS BY GEAR, 1951

ITEM	PURSE SEINES, MENHADEN	HAUL SEINES, COMMON	GILL NETS			TRAMMEL NETS
			ANCHOR	DRIFT	RUN- AROUND	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS . . . . .	42	152	-	-	92	12
ON BOATS AND SHORE:						
REGULAR . . . . .	-	489	4	2	1,749	722
CASUAL . . . . .	-	-	-	-	8	2
TOTAL . . . . .	42	641	4	2	1,849	736
VESSELS, MOTOR . . . . .	2	22	-	-	27	4
NET TONNAGE . . . . .	76	239	-	-	204	26
BOATS:						
MOTOR . . . . .	-	87	-	-	211	118
OTHER . . . . .	-	29	4	2	1,295	500
ACCESSORY BOATS . . . . .	6	15	-	-	2	-
APPARATUS:						
NUMBER . . . . .	2	122	4	6	1,533	655
LENGTH, YARDS . . . . .	750	75,700	-	-	-	-
SQUARE YARDS . . . . .	-	-	2,000	4,500	1,553,460	580,150

ITEM	LINES				DIP NETS, COMMON	CAST NETS
	HAND	TRAWL OR TROT, WITH HOOKS	TROLL	TROT WITH BAITS		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS . . . . .	1,125	-	42	-	-	-
ON BOATS AND SHORE:						
REGULAR . . . . .	637	3	237	86	5	74
CASUAL . . . . .	831	20	260	-	10	21
TOTAL . . . . .	2,593	23	539	86	15	95
VESSELS, MOTOR . . . . .	210	-	17	-	-	-
NET TONNAGE . . . . .	3,048	-	100	-	-	-
BOATS:						
MOTOR . . . . .	572	-	324	51	-	1
OTHER . . . . .	642	23	51	35	10	75
APPARATUS:						
NUMBER . . . . .	2,934	23	1,014	86	15	95
HOOKS AND BAITS . . . . .	5,764	6,400	1,036	96,042	-	-

ITEM	OTTER TRAWLS, SHRIMP	POTS		SPEARS	DREDGES, SCALLOP	TONGS, OYSTER
		CRAB	LOBSTER, SPINY			
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS . . . . .	1,118	2	2	-	-	-
ON BOATS AND SHORE:						
REGULAR . . . . .	160	37	60	39	122	220
CASUAL . . . . .	-	-	-	18	-	3
TOTAL . . . . .	1,278	39	62	57	122	223
VESSELS, MOTOR . . . . .	382	1	1	-	-	-
NET TONNAGE . . . . .	6,442	10	8	-	-	-
BOATS:						
MOTOR . . . . .	87	23	28	-	108	98
OTHER . . . . .	-	14	10	-	-	111
APPARATUS:						
NUMBER . . . . .	469	5,240	4,625	57	185	220
YARDS AT MOUTH . . . . .	10,602	-	-	-	185	-

ITEM	HOOKS		DIVING OUTFITS	BY HAND		TOTAL, EXCLUSIVE OF DUPLICATION
	SPONGE	OTHER		OYSTER	OTHER	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS . . . . .	16	-	-	-	21	2,484
ON BOATS AND SHORE:						
REGULAR . . . . .	44	2	12	20	-	3,375
CASUAL . . . . .	-	-	-	20	-	973
TOTAL . . . . .	60	2	12	40	21	6,832

(CONTINUED ON NEXT PAGE)

# GULF FISHERIES

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## FLORIDA, WEST COAST - OPERATING UNITS BY GEAR, 1951 - Continued

ITEM	HOOKS		BY HAND		DIVING OUTFITS	TOTAL, EXCLUSIVE OF DUPLICATION
	SPONGE	OTHER	OYSTER	OTHER		
	NUMBER	NUMBER	NUMBER	NUMBER		
VESSELS, MOTOR. . . . .	5	-	-	-	3	631
NET TONNAGE . . . . .	36	-	-	-	20	9,783
BOATS:						
MOTOR . . . . .	9	-	-	-	-	1,247
OTHER . . . . .	15	2	12	30	-	2,181
ACCESSORY BOATS . . . . .	-	-	-	-	12	35
APPARATUS, NUMBER . . . . .	60	2	-	-	3	-

## FLORIDA, WEST COAST - CATCH BY GEAR, 1951

SPECIES	PURSE SEINES		HAUL SEINES		GILL NETS	
	POUNDS	VALUE	POUNDS	VALUE	ANCHOR	
					POUNDS	VALUE
ALEWIVES. . . . .	-	-	22,300	\$446	-	-
ANGELFISH . . . . .	-	-	1,800	52	-	-
BARRACUDA . . . . .	-	-	1,000	50	-	-
BLUEFISH . . . . .	-	-	96,500	12,545	-	-
BLUE RUNNER OR HARDTAIL . . . . .	-	-	688,000	34,405	-	-
CIGARFISH . . . . .	-	-	62,000	3,100	-	-
CREVALLE . . . . .	-	-	337,700	10,131	-	-
CROAKER . . . . .	-	-	10,500	1,050	-	-
DRUM:						
BLACK . . . . .	-	-	35,800	1,790	-	-
RED OR REDFISH . . . . .	-	-	461,600	60,008	-	-
EELS, COMMON . . . . .	-	-	600	90	-	-
FLOUNDERS . . . . .	-	-	12,300	2,456	-	-
GOATFISH . . . . .	-	-	57	20	-	-
GRUNTS . . . . .	-	-	57,300	4,092	-	-
KING WHITING OR "KINGFISH"	-	-	38,500	3,850	-	-
MENHADEN . . . . .	3,368,800	\$34,698	6,500	130	-	-
MULLET:						
BLACK . . . . .	-	-	4,032,100	443,531	-	-
SILVER . . . . .	-	-	1,249,500	87,423	-	-
PERMIT . . . . .	-	-	2,400	168	-	-
PINFISH . . . . .	-	-	87,500	4,375	-	-
POMPANO . . . . .	-	-	24,500	12,250	-	-
SEA CATFISH . . . . .	-	-	269,800	16,188	-	-
SEA TROUT OR WEAKFISH:						
SPOTTED . . . . .	-	-	519,400	119,462	-	-
WHITE . . . . .	-	-	51,100	6,703	-	-
SHARKS . . . . .	-	-	200	6	-	-
SHEEPSHEAD, SALT-WATER . . . . .	-	-	53,300	5,330	-	-
SNAPPER, MANGROVE . . . . .	-	-	41,100	5,754	-	-
SNOOK OR SERGEANTFISH . . . . .	-	-	238,900	31,057	-	-
SPANISH MACKEREL . . . . .	-	-	33,500	4,020	-	-
SPOT . . . . .	-	-	143,600	11,488	-	-
STURGEON . . . . .	-	-	100	4	-	-
TENPOUNDER . . . . .	-	-	838,800	33,552	-	-
TURTLES:						
GREEN . . . . .	-	-	-	-	100	\$10
LOGGERHEAD . . . . .	-	-	-	-	900	72
TOTAL . . . . .	3,368,800	34,698	9,418,400	915,526	1,000	82

SPECIES	GILL NETS-CONTINUED				TRAMMEL NETS	
	DRIFT		RUNAROUND		POUNDS	VALUE
	POUNDS	VALUE	POUNDS	VALUE		
ANGELFISH . . . . .	-	-	900	\$54	-	-
BARRACUDA . . . . .	-	-	2,100	105	-	-
BLUEFISH . . . . .	-	-	370,500	48,165	60,700	\$7,891
BLUE RUNNER OR HARDTAIL . . . . .	-	-	52,700	2,635	29,400	1,470
CREVALLE . . . . .	-	-	74,300	2,229	11,000	330

(CONTINUED ON NEXT PAGE)

## GULF FISHERIES

## FLORIDA, WEST COAST - CATCH BY GEAR, 1951 - Continued

SPECIES	GILL NETS-CONTINUED				TRAMMEL NETS	
	DRIFT		RUNAROUND		POUNDS	VALUE
	POUNDS	VALUE	POUNDS	VALUE		
CROAKER. . . . .	-	-	800	\$80	-	-
DRUM:						
BLACK. . . . .	-	-	100	5	-	-
RED OR REDFISH. . . . .	-	-	165,700	20,371	213,000	\$27,690
FLOUNDERS. . . . .	-	-	1,600	320	200	40
GOATFISH. . . . .	-	-	300	30	-	-
GRUNTS. . . . .	-	-	38,700	2,724	-	-
KING MACKEREL. . . . .	-	-	100	15	-	-
KING WHITING OR "KINGFISH"	-	-	3,400	340	-	-
MULLET:						
BLACK. . . . .	-	-	10,027,200	1,102,992	3,870,000	425,700
SILVER. . . . .	-	-	3,139,700	219,779	167,400	11,718
PERMIT. . . . .	-	-	-	-	14,000	980
PINFISH. . . . .	-	-	75,900	3,795	-	-
POMPANO. . . . .	-	-	169,900	84,950	274,300	137,150
SEA CATFISH. . . . .	-	-	35,600	2,136	8,400	504
SEA TROUT OR WEAKFISH:						
SPOTTED. . . . .	-	-	1,044,800	240,304	13,700	3,151
WHITE. . . . .	-	-	71,500	9,295	200	26
SHEEPSHEAD, SALT-WATER	-	-	19,300	1,930	-	-
SNAPPER, MANGROVE. . . . .	-	-	170,600	23,884	-	-
SNOOK OR SERGEANTFISH. . . . .	-	-	189,100	24,583	25,000	3,250
SPANISH MACKEREL. . . . .	-	-	6,016,600	632,342	18,100	1,892
SPOT. . . . .	-	-	66,000	5,280	-	-
STURGEON. . . . .	2,100	\$294	-	-	-	-
TENPOUNDER. . . . .	-	-	161,700	6,468	-	-
CRABS, BLUE, HARD. . . . .	-	-	200	8	-	-
TURTLES:						
GREEN. . . . .	-	-	5,900	590	-	-
LOGGERHEAD. . . . .	-	-	3,200	264	-	-
TOTAL. . . . .	2,100	294	21,908,400	2,435,673	4,705,400	621,792

SPECIES	LINES					
	HAND		TRAWL OR TROT, WITH HOOKS		TROLL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
AMBERJACK. . . . .	4,800	\$233	-	-	18,900	\$941
BARRACUDA. . . . .	14,300	715	-	-	3,200	160
BLUEFISH. . . . .	49,700	6,461	-	-	16,600	2,158
CABIO OR CRAB EATER. . . . .	14,500	725	-	-	3,500	175
CATFISH AND BULLHEADS. . . . .	8,900	890	-	-	-	-
CERO. . . . .	6,900	1,104	1,000	\$160	-	-
CREVALLE. . . . .	-	-	-	-	200	20
CROAKER. . . . .	70,600	2,118	-	-	19,600	588
DOLPHIN. . . . .	3,200	320	-	-	-	-
DRUM, RED OR REDFISH. . . . .	-	-	-	-	100	12
DRUM, RED OR REDFISH. . . . .	79,000	10,270	-	-	-	-
FLOUNDERS. . . . .	2,800	560	-	-	-	-
GROUPEES. . . . .	5,582,800	558,535	-	-	-	-
GRUNTS. . . . .	17,100	1,316	-	-	-	-
HOGFISH. . . . .	8,300	897	-	-	-	-
JEMFISH. . . . .	65,200	3,260	-	-	-	-
KING MACKEREL. . . . .	248,500	37,275	-	-	899,700	134,955
MUTTONFISH. . . . .	42,700	6,832	-	-	-	-
PERMIT. . . . .	6,200	434	-	-	-	-
PIGFISH. . . . .	29,000	2,023	-	-	-	-
PINFISH. . . . .	800	40	-	-	-	-
POMPANO. . . . .	8,700	4,350	-	-	-	-
PORKFISH. . . . .	2,900	145	-	-	-	-
SCUP OR PORGY. . . . .	84,100	9,251	-	-	-	-
SEA CATFISH. . . . .	142,300	8,538	386,300	23,178	-	-
SEA TROUT OR WEAKFISH:						
SPOTTED. . . . .	1,292,500	297,275	-	-	64,100	14,743
WHITE. . . . .	272,600	35,438	-	-	1,800	234
SHEEPSHEAD, SALT-WATER	5,300	530	-	-	-	-
SNAPPER:						
MANGROVE. . . . .	16,900	2,366	-	-	-	-
RED. . . . .	4,313,200	1,121,432	-	-	-	-
YELLOWTAIL. . . . .	163,000	34,216	-	-	47,000	9,870
SNOOK OR SERGEANTFISH. . . . .	53,700	6,981	-	-	-	-
SPANISH MACKEREL. . . . .	125,500	14,160	-	-	-	-
STURGEON. . . . .	1,000	140	-	-	73,400	8,188
TRIGGERFISH. . . . .	27,900	3,069	-	-	-	-
TRIPLETAIL. . . . .	900	63	-	-	-	-
TUNA AND TUNALIKE FISHES,						
BONITO. . . . .	2,300	115	-	-	7,200	360
WARSAW. . . . .	191,600	17,244	-	-	-	-
TOTAL. . . . .	12,959,700	2,189,321	387,300	23,338	1,155,300	172,404

(CONTINUED ON NEXT PAGE)

# GULF FISHERIES

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## FLORIDA, WEST COAST - CATCH BY GEAR, 1951 - Continued

SPECIES	LINES-CONT'D.		DIP NETS		CAST NETS		OTTER TRAWLS	
	TROT WITH BAITS							
		POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS
FLOUNDERS. . . . .	-	-	-	-	-	-	37,500	\$11,100
KING WHITING OR "KINGFISH"	-	-	-	-	-	-	27,400	2,740
MULLET:								
BLACK. . . . .	-	-	-	-	249,800	\$27,478	-	-
SILVER. . . . .	-	-	-	-	93,000	5,910	-	-
CRABS, BLUE:								
HARD. . . . .	2,071,200	\$82,848	4,800	\$192	-	-	300	12
SOFT AND PEELERS. . . . .	1,100	132	2,300	276	-	-	-	-
SHRIMP. . . . .	-	-	-	-	-	-	29,755,500	8,009,542
SQUID. . . . .	-	-	-	-	-	-	800	48
<b>TOTAL. . . . .</b>	<b>2,072,300</b>	<b>82,980</b>	<b>7,100</b>	<b>468</b>	<b>342,800</b>	<b>33,388</b>	<b>29,821,500</b>	<b>8,023,442</b>

SPECIES	POTS		SPEARS		DREDGES		TONGS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
	FLOUNDERS. . . . .	-	-	5,300	\$1,060	-	-	-
CRABS:								
BLUE, HARD. . . . .	100	\$4	-	-	-	-	-	-
STONE. . . . .	59,000	28,968	-	-	-	-	-	-
LOBSTERS, SPINY. . . . .	1,077,100	204,649	-	-	-	-	-	-
OYSTERS, MARKET, PUBLIC:								
SPRING. . . . .	-	-	-	-	-	-	413,100	\$223,074
FALL. . . . .	-	-	-	-	-	-	264,100	142,614
SCALLOPS, BAY. . . . .	-	-	-	-	243,000	\$155,520	-	-
<b>TOTAL. . . . .</b>	<b>1,136,200</b>	<b>233,621</b>	<b>5,300</b>	<b>1,060</b>	<b>243,000</b>	<b>155,520</b>	<b>677,200</b>	<b>365,688</b>

SPECIES	HOOKS		DIVING OUTFITS		BY HAND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
	CRABS, STONE. . . . .	400	\$200	-	-	-
LOBSTERS, SPINY. . . . .	-	-	-	-	100	\$19
CLAMS, HARD, PUBLIC. . . . .	-	-	-	-	8,900	4,450
CONCHS. . . . .	-	-	-	-	22,500	1,800
OYSTERS, MARKET, PUBLIC:						
SPRING. . . . .	-	-	-	-	1,900	1,024
FALL. . . . .	-	-	-	-	1,500	810
SCALLOPS, BAY. . . . .	-	-	-	-	8,500	5,440
SPONGES:						
GRASS. . . . .	300	966	200	\$644	-	-
SHEEPSWOL. . . . .	8,800	63,800	6,000	43,500	-	-
YELLOW. . . . .	300	1,107	200	738	-	-
<b>TOTAL. . . . .</b>	<b>9,800</b>	<b>66,073</b>	<b>6,400</b>	<b>44,882</b>	<b>43,400</b>	<b>13,543</b>

## ALABAMA

### OPERATING UNITS BY GEAR, 1951

ITEM	HAUL SEINES, COMMON	GILL NETS, RUN-AROUND	TRAMMEL NETS	LINES		
				HAND	TROT OR WITH HOOKS	TROT WITH BAITS
				NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS. . . . .	-	-	-	122	-	-
ON BOATS AND SHORE:						
REGULAR. . . . .	5	50	51	18	23	93
CASUAL. . . . .	-	-	-	37	13	28
<b>TOTAL. . . . .</b>	<b>5</b>	<b>50</b>	<b>51</b>	<b>177</b>	<b>36</b>	<b>121</b>

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# GULF FISHERIES

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## ALABAMA - OPERATING UNITS BY GEAR, 1951 - Continued

ITEM	HAUL SEINES, COMMON	GILL NETS, RUN- AROUND	TRAMMEL NETS	LINES		
				HAND	TRAWL OR TROT, WITH HOOKS	TROT WITH BAITS
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
VESSELS, MOTOR. . . . .	-	-	-	14	-	-
NET TONNAGE . . . . .	-	-	-	259	-	-
BOATS:						
MOTOR . . . . .	2	15	3	7	6	76
OTHER . . . . .	2	35	42	43	26	45
APPARATUS:						
NUMBER. . . . .	2	15	45	177	35	121
LENGTH, YARDS . . . . .	625	-	-	-	-	-
SQUARE YARDS. . . . .	-	7,350	18,350	-	-	-
HOOKS AND BAITS . . . . .	-	-	-	305	12,150	55,800
ITEM	FYKE NETS, FISH	DIP NETS, COMMON	CAST NETS	OTTER TRAWLS, SHRIMP	SLAT TRAPS	POTS, CRAB
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS. . . . .	-	-	-	323	-	-
ON BOATS AND SHORE:						
REGULAR . . . . .	12	2	3	667	12	2
CASUAL . . . . .	3	3	22	-	9	-
TOTAL. . . . .	15	5	25	990	21	2
VESSELS, MOTOR. . . . .	-	-	-	117	-	-
NET TONNAGE . . . . .	-	-	-	1,498	-	-
BOATS:						
MOTOR . . . . .	4	-	-	358	1	2
OTHER . . . . .	8	-	-	-	20	-
APPARATUS:						
NUMBER. . . . .	134	5	25	475	225	80
YARDS AT MOUTH. . . . .	-	-	-	6,551	-	-
ITEM	SPEARS	TONGS, OYSTER	BY HAND, OTHER THAN FOR OYSTERS	TOTAL, EXCLUSIVE OF DUPLICATION		
	NUMBER	NUMBER	NUMBER	NUMBER		
FISHERMEN:						
ON VESSELS. . . . .	-	-	-	445		
ON BOATS AND SHORE:						
REGULAR . . . . .	10	504	5	1,012		
CASUAL . . . . .	19	173	-	230		
TOTAL. . . . .	29	677	5	1,687		
VESSELS, MOTOR. . . . .	-	-	-	131		
NET TONNAGE . . . . .	-	-	-	1,757		
BOATS:						
MOTOR . . . . .	-	310	-	526		
OTHER . . . . .	-	275	-	417		
APPARATUS, NUMBER . . . . .	29	677	-	2,045		

## ALABAMA - CATCH BY GEAR, 1951

SPECIES	HAUL SEINES		GILL NETS, RUNAROUND		TRAMMEL NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUEFISH. . . . .	2,200	\$300	10,600	\$1,484	13,400	\$1,876
BLUE RUNNER OR HARDTAIL . . . . .	28,400	560	-	-	1,900	38
BUFFALOFISH . . . . .	-	-	-	-	1,100	140
CROAKER . . . . .	11,300	678	700	41	12,900	769

(CONTINUED ON NEXT PAGE)

# GULF FISHERIES

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## ALABAMA - CATCH BY GEAR, 1951 - Continued

SPECIES	HAUL SEINES		GILL NETS, RUNAROUND		TRAMMEL NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
DRUM:						
BLACK . . . . .	2,900	\$177	-	-	6,600	\$874
RED OR REDFISH . . . . .	10,800	1,943	-	-	19,400	3,496
FLOUNDERS . . . . .	10,700	2,251	-	-	9,600	2,042
KING MACKEREL . . . . .	-	-	3,200	\$292	-	-
KING WHITING OR "KINGFISH" #	7,400	444	-	-	5,500	325
MULLET . . . . .	8,500	690	100,000	7,984	1,405,800	112,366
POMPANO . . . . .	-	-	-	-	3,500	1,743
SEA CATFISH . . . . .	1,900	95	-	-	1,500	75
SEA TROUT OR WEAKFISH:						
SPOTTED . . . . .	5,000	1,200	1,000	240	42,100	10,023
WHITE . . . . .	-	-	-	-	4,700	321
SHEEPSHEAD, SALT-WATER . . . . .	3,100	311	-	-	10,200	1,001
SPANISH MACKEREL . . . . .	1,000	110	224,900	24,739	14,200	1,551
SPOT . . . . .	400	23	-	-	2,600	146
STRIPED BASS . . . . .	200	24	-	-	100	12
TENPOUNDER . . . . .	15,500	356	-	-	-	-
TOTAL . . . . .	109,300	9,152	340,400	34,780	1,555,300	136,798

SPECIES	LINES					
	HAND		TRAWL OR TROT, WITH HOOKS		TROT WITH BAITS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
AMBERJACK . . . . .	1,600	\$64	-	-	-	-
CABIO OR CRAB EATER . . . . .	5,000	300	-	-	-	-
CATFISH AND BULLHEADS . . . . .	1,400	216	51,000	\$11,842	-	-
CROAKER . . . . .	1,400	84	-	-	-	-
DRUM:						
BLACK . . . . .	1,400	84	-	-	-	-
RED OR REDFISH . . . . .	13,400	2,413	-	-	-	-
FLOUNDERS . . . . .	1,400	293	-	-	-	-
GROUPERS . . . . .	225,300	27,033	-	-	-	-
PADDLEFISH OR SPOONBILL CAT	-	-	100	14	-	-
SEA TROUT OR WEAKFISH:						
SPOTTED . . . . .	20,100	4,294	-	-	-	-
WHITE . . . . .	500	38	-	-	-	-
SHEEPSHEAD, FRESH-WATER . . . . .	-	-	1,900	209	-	-
SNAPPER, RED . . . . .	1,228,800	283,668	-	-	-	-
SPADEFISH . . . . .	200	14	-	-	-	-
STRIPED BASS . . . . .	100	12	-	-	-	-
STURGEON . . . . .	-	-	3,700	518	-	-
TRIGGERFISH . . . . .	100	9	-	-	-	-
TRIPLETAIL . . . . .	500	42	-	-	-	-
TUNA, LITTLE . . . . .	1,200	60	-	-	-	-
CRABS, BLUE, HARD . . . . .	-	-	-	-	1,026,800	\$42,649
TOTAL . . . . .	1,502,400	318,623	56,700	12,583	1,026,800	42,649

SPECIES	FYKE NETS		DIP NETS		CAST NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH . . . . .	78,800	\$9,668	-	-	-	-
CATFISH AND BULLHEADS . . . . .	100	23	-	-	-	-
MULLET . . . . .	-	-	-	-	25,100	\$2,008
PADDLEFISH OR SPOONBILL CAT	11,800	1,652	-	-	-	-
SHEEPSHEAD, FRESH-WATER . . . . .	4,500	495	-	-	-	-
CRABS, BLUE, SOFT AND PEELERS	-	-	300	\$148	-	-
TOTAL . . . . .	95,200	11,838	300	148	25,100	2,008

SPECIES	OTTER TRAWLS		SLAT TRAPS		POTS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUTTERFISH . . . . .	1,300	\$133	-	-	-	-
CABIO OR CRAB EATER . . . . .	16,300	978	-	-	-	-
CATFISH AND BULLHEADS . . . . .	-	-	57,900	\$13,411	-	-
CROAKER . . . . .	46,600	2,795	-	-	-	-
FLOUNDERS . . . . .	58,900	12,378	-	-	-	-
KING WHITING OR "KINGFISH" #	83,100	4,986	-	-	-	-
SEA CATFISH . . . . .	200	10	-	-	-	-
SEA TROUT OR WEAKFISH:						
SPOTTED . . . . .	500	120	-	-	-	-
WHITE . . . . .	30,100	2,081	-	-	-	-
SPOT . . . . .	2,000	116	-	-	-	-
STURGEON . . . . .	500	60	-	-	-	-
CRABS, BLUE, HARD . . . . .	60,800	2,499	-	-	21,500	\$883
SHRIMP . . . . .	6,356,200	1,268,055	-	-	-	-
TOTAL . . . . .	6,656,500	1,294,211	57,900	13,411	21,500	883

(CONTINUED ON NEXT PAGE)

## GULF FISHERIES

## ALABAMA - CATCH BY GEAR, 1951 - Continued

SPECIES	SPEARS		TONGS		BY HAND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FLOUNDER . . . . .	3,800	\$796	-	-	-	-
OYSTERS, MARKET, PUBLIC:						
SPRING . . . . .	-	-	1,738,300	\$598,870	-	-
FALL . . . . .	-	-	453,100	162,335	-	-
TERRAPIN, DIAMOND-BACK . . . . .	-	-	-	-	100	\$15
TOTAL . . . . .	3,800	796	2,191,400	761,205	100	15

## MISSISSIPPI

## OPERATING UNITS BY GEAR, 1951

ITEM	PURSE SEINES, COMMON	HAUL SEINES, COMMON	TRAMMEL NETS	LINES		CAST NETS
				HAND	TROT WITH BAITS	
	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>
FISHERMEN:						
ON VESSELS . . . . .	632	-	-	16	-	-
ON BOATS AND SHORE:						
REGULAR . . . . .	-	10	59	19	197	11
CASUAL . . . . .	-	-	5	90	32	9
TOTAL . . . . .	632	10	64	125	229	20
VESSELS, MOTOR . . . . .	29	-	-	1	-	-
NET TONNAGE . . . . .	2,066	-	-	168	-	-
BOATS:						
MOTOR . . . . .	-	-	3	11	188	-
OTHER . . . . .	-	2	61	94	41	-
ACCESSORY BOATS . . . . .	87	-	-	-	-	-
APPARATUS:						
NUMBER . . . . .	29	2	64	125	229	20
LENGTH, YARDS . . . . .	10,900	1,133	-	-	-	-
SQUARE YARDS . . . . .	-	-	20,008	-	-	-
HOOKS AND BAITS . . . . .	-	-	-	129	189,950	-

ITEM	OTTER TRAWLS, SHRIMP	POTS, CRAB	OREDGES, OYSTER, COMMON	TONGS, OYSTER	TOTAL, EXCLUSIVE OF DUPLICATION
	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>
FISHERMEN:					
ON VESSELS . . . . .	1,019	-	132	-	1,698
ON BOATS AND SHORE:					
REGULAR . . . . .	876	21	94	21	1,145
CASUAL . . . . .	-	-	-	18	127
TOTAL . . . . .	1,895	21	226	39	2,970
VESSELS, MOTOR . . . . .	360	-	28	-	397
NET TONNAGE . . . . .	5,113	-	414	-	7,497
BOATS:					
MOTOR . . . . .	461	21	26	13	659
OTHER . . . . .	-	-	-	25	178
ACCESSORY BOATS . . . . .	-	-	-	-	87
APPARATUS:					
NUMBER . . . . .	821	1,220	108	39	-
YARDS AT MOUTH . . . . .	13,989	-	112	-	-



FISHING FOR MULLET

# GULF FISHERIES

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## MISSISSIPPI - CATCH BY GEAR, 1951

SPECIES	PURSE SEINES		HAUL SEINES		TRAMMEL NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUEFISH . . . . .	-	-	-	-	300	\$36
CROAKER . . . . .	-	-	1,000	\$68	2,900	182
DRUM:						
BLACK . . . . .	-	-	1,500	120	6,200	494
RED OR REDFISH . . . . .	-	-	4,800	912	19,000	3,632
FLOUNDERS . . . . .	-	-	400	78	2,700	511
KING WHITING OR "KINGFISH" . . . . .	-	-	2,500	175	11,800	825
MENHADEN . . . . .	114,894,600	\$1,424,141	-	-	-	-
MULLET . . . . .	-	-	21,200	1,796	363,800	29,596
SEA TROUT OR WEAKFISH:						
SPOTTED . . . . .	-	-	5,400	1,188	79,500	17,490
WHITE . . . . .	-	-	1,500	105	5,500	424
SHEEPSHEAD, SALT-WATER . . . . .	-	-	-	-	1,100	112
SPOT . . . . .	-	-	-	-	1,300	91
TRIPLETAIL . . . . .	-	-	-	-	200	22
<b>TOTAL . . . . .</b>	<b>114,894,600</b>	<b>1,424,141</b>	<b>38,300</b>	<b>4,442</b>	<b>494,300</b>	<b>53,415</b>

SPECIES	LINES				CAST NETS	
	HAND		TROT WITH BAITS			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CATFISH AND BULLHEADS . . . . .	1,500	\$300	-	-	-	-
CROAKER . . . . .	700	49	-	-	-	-
DRUM:						
BLACK . . . . .	600	48	-	-	-	-
RED OR REDFISH . . . . .	7,600	1,458	-	-	-	-
FLOUNDERS . . . . .	1,600	302	-	-	-	-
GROUPERS . . . . .	300	36	-	-	-	-
JEMFISH . . . . .	500	60	-	-	-	-
KING WHITING OR "KINGFISH" . . . . .	15,200	1,065	-	-	-	-
MULLET . . . . .	-	-	-	-	46,200	\$3,696
SEA TROUT OR WEAKFISH:						
SPOTTED . . . . .	57,300	12,606	-	-	-	-
WHITE . . . . .	6,400	446	-	-	-	-
SHEEPSHEAD, SALT-WATER . . . . .	100	8	-	-	-	-
SNAPPER, RED . . . . .	1,600	368	-	-	-	-
SPANISH MACKEREL . . . . .	300	29	-	-	-	-
TRIPLETAIL . . . . .	600	62	-	-	-	-
TUNA, YELLOWFIN . . . . .	348,000	45,240	-	-	-	-
CRABS, BLUE:						
HARD . . . . .	-	-	1,315,700	\$66,383	-	-
SOFT AND PEELERS . . . . .	-	-	100	30	-	-
<b>TOTAL . . . . .</b>	<b>442,300</b>	<b>62,077</b>	<b>1,315,800</b>	<b>66,413</b>	<b>46,200</b>	<b>3,696</b>

SPECIES	OTTER TRAWLS		POTS		DREDGES		TONGS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CABIO OR CRAB EATER . . . . .	900	\$72	-	-	-	-	-	-
CROAKER . . . . .	1,600	111	-	-	-	-	-	-
FLOUNDERS . . . . .	33,100	5,240	-	-	-	-	-	-
KING WHITING OR "KINGFISH" . . . . .	98,300	6,881	-	-	-	-	-	-
SEA CATFISH . . . . .	1,900	133	-	-	-	-	-	-
SEA TROUT OR WEAKFISH,								
WHITE . . . . .	26,800	1,867	-	-	-	-	-	-
SNAPPER, RED . . . . .	800	143	-	-	-	-	-	-
UNCLASSIFIED, OTHER THAN FOR HUMAN FOOD . . . . .	470,000	5,640	-	-	-	-	-	-
CRABS, BLUE:								
HARD . . . . .	-	-	307,400	\$15,370	-	-	-	-
SOFT AND PEELERS . . . . .	-	-	6,200	2,170	-	-	-	-
SHRIMP . . . . .	7,474,700	1,470,373	-	-	-	-	-	-
OYSTERS, MARKET, PUBLIC:								
SPRING . . . . .	-	-	-	-	3,200	\$1,216	6,700	\$2,578
FALL . . . . .	-	-	-	-	1,200	456	16,500	6,265
<b>TOTAL . . . . .</b>	<b>8,108,100</b>	<b>1,490,460</b>	<b>313,600</b>	<b>17,540</b>	<b>4,400</b>	<b>1,672</b>	<b>23,200</b>	<b>8,843</b>

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, MARKET PUBLIC SPRING OYSTERS, 1,527,500 POUNDS OF MEATS, VALUE \$445,255 AND MARKET PUBLIC FALL OYSTERS, 67,500 POUNDS OF MEATS, VALUE \$21,540, AND BY SHRIMP TRAWLS, SHRIMP, 7,554,300 POUNDS, VALUE \$1,435,317. THE CATCH OF YELLOWFIN TUNA WAS TAKEN IN THE PACIFIC OCEAN.

# GULF FISHERIES

## LOUISIANA

### OPERATING UNITS BY GEAR, 1951

ITEM	PURSE SEINES, MENHADEN	HAUL SEINES, COMMON	GILL NETS, STAKE	TRAWL NETS	LINES	
					HAND	NUMBER
FISHERMEN:	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>		<u>NUMBER</u>
ON VESSELS . . . . .	642	-	-	-		-
ON BOATS AND SHORE:						
REGULAR . . . . .	-	99	2	161		67
CASUAL . . . . .	-	3	-	6		93
TOTAL . . . . .	642	102	2	167		160
VESSELS, MOTOR . . . . .	31	-	-	-		-
NET TONNAGE . . . . .	1,995	-	-	-		-
BOATS:						
MOTOR . . . . .	-	8	-	24		88
OTHER . . . . .	-	36	1	105		60
ACCESSORY BOATS . . . . .	93	-	-	-		-
APPARATUS:						
NUMBER . . . . .	31	36	1	77		160
LENGTH, YARDS . . . . .	11,789	4,802	-	-		-
SQUARE YARDS . . . . .	-	-	200	14,600		-
HOOKS . . . . .	-	-	-	-		160

ITEM	LINES-CONTINUED			FYKE NETS, FISH	DIP NETS COMMON
	SNAG	TRAWL OR TROT WITH HOOKS	TROT WITH BAITS		
FISHERMEN, ON BOATS AND SHORE:	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>
REGULAR . . . . .	5	540	585	137	13
CASUAL . . . . .	-	213	153	19	-
TOTAL . . . . .	5	753	738	156	13
BOATS:					
MOTOR . . . . .	1	364	510	92	-
OTHER . . . . .	4	389	228	56	8
APPARATUS:					
NUMBER . . . . .	5	753	738	1,430	8
HOOKS AND BAITS . . . . .	5,000	212,865	331,550	-	-

ITEM	DIP NETS-CONT'D.		BRUSH TRAPS	POTS, CRAB	DREDGES, OYSTER, COMMON
	DROP	OTTER TRAWLS, SHRIMP			
FISHERMEN:	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>
ON VESSELS . . . . .	-	1,780	-	-	134
ON BOATS AND SHORE:					
REGULAR . . . . .	39	2,704	130	50	175
CASUAL . . . . .	55	-	-	20	-
TOTAL . . . . .	94	4,484	130	70	309
VESSELS, MOTOR . . . . .	-	729	-	-	33
NET TONNAGE . . . . .	-	10,129	-	-	397
BOATS:					
MOTOR . . . . .	69	1,352	93	55	46
OTHER . . . . .	25	-	37	15	-
APPARATUS:					
NUMBER . . . . .	4,945	2,081	96,500	3,500	156
YARDS AT MOUTH . . . . .	-	39,561	-	-	169

ITEM	TONGS, OYSTER	GRABS, FROG	BY HAND		TOTAL, EXCLUSIVE OF DUPLICATION
			OYSTER	OTHER	
FISHERMEN:	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>
ON VESSELS . . . . .	-	-	-	-	2,499
ON BOATS AND SHORE:					
REGULAR . . . . .	470	25	6	11	4,129
CASUAL . . . . .	-	-	-	50	505
TOTAL . . . . .	470	25	6	61	7,133
VESSELS, MOTOR . . . . .	-	-	-	-	764
NET TONNAGE . . . . .	-	-	-	-	12,185
BOATS:					
MOTOR . . . . .	71	-	-	-	2,256
OTHER . . . . .	299	14	6	6	964
ACCESSORY BOATS . . . . .	-	-	-	-	93
APPARATUS, NUMBER . . . . .	470	16	-	-	-

# GULF FISHERIES

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## LOUISIANA - CATCH BY GEAR, 1951

SPECIES	PURSE SEINES		HAUL SEINES		GILL NETS, STAKE	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH . . . . .	-	-	144,300	\$15,873	6,700	\$737
CARP . . . . .	-	-	5,000	250	-	-
CATFISH AND BULLHEADS . . . . .	-	-	177,100	42,504	5,900	1,416
CROAKER . . . . .	-	-	8,400	756	-	-
DRUM:						
BLACK . . . . .	-	-	55,300	5,530	-	-
RED OR REOFISH . . . . .	-	-	84,900	10,260	-	-
FLOUNDERS . . . . .	-	-	7,600	1,368	-	-
GARFISH . . . . .	-	-	184,300	9,215	2,000	100
KING WHITING OR "KINGFISH" . . . . .	-	-	44,500	3,967	-	-
MENHADEN . . . . .	209,574,000	\$2,892,121	-	-	-	-
MULLET . . . . .	-	-	4,900	245	-	-
PADDFISH OR SPOONBILL CAT . . . . .	-	-	1,500	225	2,000	300
SEA CATFISH . . . . .	-	-	63,900	4,793	-	-
SEA TROUT OR WEAKFISH:						
SPOTTED . . . . .	-	-	109,700	27,782	-	-
WHITE . . . . .	-	-	16,300	1,304	-	-
SHEEPSHEAD:						
FRESH-WATER . . . . .	-	-	225,800	22,700	4,200	420
SALT-WATER . . . . .	-	-	21,200	2,332	-	-
CRABS, BLUE, SOFT AND PELLERS . . . . .	-	-	22,000	13,200	-	-
FROGS . . . . .	-	-	500	125	-	-
<b>TOTAL . . . . .</b>	<b>209,574,000</b>	<b>\$2,892,121</b>	<b>1,177,200</b>	<b>162,429</b>	<b>20,800</b>	<b>2,973</b>

SPECIES	TRAMMEL NETS		LINES			
			HAND		SNAG	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CABIO OR CRAB EATER . . . . .	100	\$15	-	-	-	-
CATFISH AND BULLHEADS . . . . .	-	-	3,500	\$840	-	-
CROAKER . . . . .	14,600	1,314	3,700	333	-	-
DOLPHIN . . . . .	-	-	400	40	-	-
DRUM:						
BLACK . . . . .	167,800	16,780	11,900	1,190	-	-
RED OR REDFISH . . . . .	272,800	39,708	25,300	4,554	-	-
FLOUNDERS . . . . .	13,300	2,289	2,200	373	-	-
GROUPEERS . . . . .	12,000	1,200	4,300	455	-	-
GRUNTS . . . . .	17,400	3,132	2,500	450	-	-
HOGFISH . . . . .	1,500	300	500	100	-	-
JEWFISH . . . . .	-	-	500	75	-	-
KING WHITING OR "KINGFISH" . . . . .	31,800	2,825	3,200	286	-	-
MULLET . . . . .	12,600	630	-	-	-	-
PADDFISH OR SPOONBILL CAT . . . . .	-	-	-	-	5,100	\$1,020
SEA CATFISH . . . . .	64,600	5,047	9,400	704	-	-
SEA TROUT OR WEAKFISH:						
SPOTTED . . . . .	373,800	94,383	57,900	14,610	-	-
WHITE . . . . .	25,900	2,072	4,900	392	-	-
SHARKS . . . . .	100	5	-	-	-	-
SHEEPSHEAD, SALT-WATER . . . . .	68,600	7,546	4,000	440	-	-
SNAPPER, RED . . . . .	-	-	2,300	598	-	-
SPANISH MACKEREL . . . . .	1,100	110	-	-	-	-
TRIPLETAIL . . . . .	2,300	322	-	-	-	-
<b>TOTAL . . . . .</b>	<b>1,080,300</b>	<b>177,678</b>	<b>136,500</b>	<b>25,440</b>	<b>5,100</b>	<b>1,020</b>

SPECIES	LINES-CONTINUED				FYKE NETS	
	TRAWL OR TROT, WITH HOOKS		TROT WITH BAITS		POUNDS	VALUE
	POUNDS	VALUE	POUNDS	VALUE		
BUFFALOFISH . . . . .	18,800	\$2,068	-	-	525,800	\$57,838
CARP . . . . .	-	-	-	-	10,700	535
CATFISH AND BULLHEADS . . . . .	7,124,000	1,709,910	-	-	112,800	27,072
GARFISH . . . . .	7,400	370	-	-	8,900	445
PADDFISH OR SPOONBILL CAT . . . . .	200	30	-	-	2,100	315
SHEEPSHEAD, FRESH-WATER . . . . .	110,400	11,123	-	-	398,800	40,190
CRABS, BLUE, HARD . . . . .	-	-	7,653,700	\$404,148	-	-
TURTLES, SNAPPER . . . . .	1,700	221	-	-	-	-
<b>TOTAL . . . . .</b>	<b>7,262,500</b>	<b>1,723,722</b>	<b>7,653,700</b>	<b>404,148</b>	<b>1,059,100</b>	<b>126,395</b>

(CONTINUED ON NEXT PAGE)

## GULF FISHERIES

## LOUISIANA - CATCH BY GEAR, 1951 - Continued

SPECIES	DIP NETS		OTTER TRAWLS		BRUSH TRAPS		POTS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CROAKER. . . . .	-	-	400	\$36	-	-	-	-
DRUM, RED OR REDFISH . . . . .	-	-	500	50	-	-	-	-
FLOUNDERS. . . . .	-	-	98,200	17,149	-	-	-	-
GROUPEES. . . . .	-	-	700	105	-	-	-	-
HOGFISH. . . . .	-	-	2,600	520	-	-	-	-
KING WHITING OR KINGFISH. . . . .	-	-	319,800	28,225	-	-	-	-
SAWFISH. . . . .	-	-	10,800	540	-	-	-	-
SEA CATFISH. . . . .	-	-	21,700	1,628	-	-	-	-
SEA TROUT OR WEAFFISH:								
SPOTTED. . . . .	-	-	1,800	486	-	-	-	-
WHITE. . . . .	-	-	11,900	952	-	-	-	-
SHARKS. . . . .	-	-	11,000	550	-	-	-	-
SHEEPSHEAD, SALT-WATER	-	-	300	33	-	-	-	-
SNAPPER, RED. . . . .	-	-	6,900	1,866	-	-	-	-
STURGEON. . . . .	-	-	200	16	-	-	-	-
CRABS, BLUE:								
HARD. . . . .	329,600	\$18,395	20,700	1,065	-	-	705,700	\$37,637
SOFT AND PEELERS. . . . .	41,400	24,840	-	-	242,900	\$123,879	44,000	26,400
CRAWFISH, FRESH-WATER. . . . .	29,500	3,245	-	-	-	-	-	-
SHRIMP. . . . .	-	-	85,718,200	19,022,485	-	-	-	-
SQUID. . . . .	-	-	1,500	70	-	-	-	-
TURTLES, GREEN. . . . .	-	-	2,800	280	-	-	-	-
TOTAL. . . . .	400,500	46,480	86,230,000	19,076,056	242,900	123,879	749,700	64,037

SPECIES	DREDGES		TONGS		GRABS		BY HAND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
OYSTERS, MARKET:								
PUBLIC, SPRING. . . . .	3,101,000	\$760,366	-	-	-	-	-	-
PUBLIC, FALL. . . . .	185,800	51,852	-	-	-	-	-	-
PRIVATE, SPRING. . . . .	2,908,000	590,525	920,500	\$231,466	-	-	6,000	\$1,536
PRIVATE, FALL. . . . .	431,800	110,541	607,600	155,593	-	-	3,000	768
FROGS. . . . .	-	-	-	-	11,500	\$4,025	15,000	5,600
TOTAL. . . . .	6,626,600	1,513,284	1,528,100	387,059	11,500	4,025	25,000	7,904

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, MARKET PUBLIC SPRING OYSTERS, 1,527,500 POUNDS OF MEATS, VALUE \$445,255, AND MARKET PUBLIC FALL OYSTERS, 67,500 POUNDS OF MEATS, VALUE \$21,540. AND BY SHRIMP TRAWLS, SHRIMP 7,554,300 POUNDS, VALUE \$1,435,317.

## TEXAS

## OPERATING UNITS BY GEAR, 1951

ITEM	PURSE SEINES, MENHADEN	HAUL SEINES, COMMON	GILL NETS		TRAMMEL NETS
			RUN-AROUND	STAKE	
			NUMBER	NUMBER	
FISHERMEN:					
ON VESSELS. . . . .	184	-	-	-	-
ON BOATS AND SHORE:					
REGULAR. . . . .	-	12	33	6	88
CASUAL. . . . .	-	2	26	1	7
TOTAL. . . . .	184	14	59	7	95
VESSELS, MOTOR. . . . .	9	-	-	-	-
NET TONNAGE. . . . .	589	-	-	-	-
BOATS:					
MOTOR. . . . .	-	-	5	2	16
OTHER. . . . .	-	4	43	5	40
ACCESSORY BOATS. . . . .	27	-	-	-	-
APPARATUS:					
NUMBER. . . . .	9	4	24	7	50
LENGTH, YARDS. . . . .	3,550	850	-	-	-
SQUARE YARDS. . . . .	-	-	14,400	3,400	17,400

(CONTINUED ON NEXT PAGE)

# GULF FISHERIES

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## TEXAS - OPERATING UNITS BY GEAR, 1951 - Continued

ITEM	LINES			OTTER TRAWLS, SHRIMP	POTS, CRAB
	HAND	TRAWL OR TROT WITH HOOKS	TROT WITH BAITS		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
<b>FISHERMEN:</b>					
ON VESSELS . . . . .	101	-	-	2,074	-
ON BOATS AND SHORE:					
REGULAR . . . . .	138	115	19	1,309	21
CASUAL . . . . .	64	8	6	-	-
<b>TOTAL . . . . .</b>	<b>303</b>	<b>123</b>	<b>25</b>	<b>3,383</b>	<b>21</b>
<b>VESSELS, MOTOR . . . . .</b>	<b>18</b>	<b>-</b>	<b>-</b>	<b>716</b>	<b>-</b>
NET TONNAGE . . . . .	347	-	-	15,858	-
<b>BOATS:</b>					
MOTOR . . . . .	79	75	15	656	14
OTHER . . . . .	90	44	10	-	7
<b>APPARATUS:</b>					
NUMBER . . . . .	303	123	25	1,372	820
HOOKS AND BAITS . . . . .	404	46,050	7,250	-	-
YARDS AT MOUTH . . . . .	-	-	-	30,897	-

ITEM	SPEARS	DREDGES, OYSTER, COMMON	TONGS, OYSTER	BY HAND, OYSTER	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
<b>FISHERMEN:</b>					
ON VESSELS . . . . .	-	-	-	-	2,339
ON BOATS AND SHORE:					
REGULAR . . . . .	25	154	59	6	1,529
CASUAL . . . . .	14	6	14	-	133
<b>TOTAL . . . . .</b>	<b>39</b>	<b>160</b>	<b>73</b>	<b>6</b>	<b>4,001</b>
<b>VESSELS, MOTOR . . . . .</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>736</b>
NET TONNAGE . . . . .	-	-	-	-	16,635
<b>BOATS:</b>					
MOTOR . . . . .	-	67	27	-	770
OTHER . . . . .	-	-	37	6	220
ACCESSORY BOATS . . . . .	-	-	-	-	27
<b>APPARATUS:</b>					
NUMBER . . . . .	39	67	73	-	-
YARDS AT MOUTH . . . . .	-	81	-	-	-

## TEXAS - CATCH BY GEAR, 1951

SPECIES	PURSE SEINES		HAUL SEINES		GILL NETS	
	POUNDS	VALUE	POUNDS	VALUE	RUNAROUND	
					POUNDS	VALUE
CABIO OR CRAB EATER . . . . .	-	-	100	\$12	-	-
CROAKER . . . . .	-	-	200	16	-	-
<b>DRUM:</b>						
BLACK . . . . .	-	-	22,200	3,108	172,400	\$24,136
RED OR REDFISH . . . . .	-	-	34,600	9,688	39,600	11,088
FLOUNDERS . . . . .	-	-	6,600	1,650	5,200	1,300
JEWFISH . . . . .	-	-	600	54	-	-
KING WHITING OR KINGFISH <sup>h</sup>	-	-	-	-	600	42
MENHADEN . . . . .	30,121,200	\$521,096	-	-	-	-
MULLET . . . . .	-	-	23,800	1,666	300	21
POMPANO . . . . .	-	-	800	320	-	-
SEA CATFISH . . . . .	-	-	1,200	108	300	27
<b>SEA TROUT OR WEAKFISH:</b>						
SPOTTED . . . . .	-	-	10,000	3,100	47,400	14,694
WHITE . . . . .	-	-	23,200	1,192	-	-
SHEEPSHEAD, SALT-WATER . . . . .	-	-	800	88	400	44
SNAPPER, RED . . . . .	-	-	6,300	1,764	4,100	1,148
SNOOK OR SERGEANTFISH . . . . .	-	-	-	-	1,100	110
SPANISH HACKEREL . . . . .	-	-	1,600	270	-	-
<b>TOTAL . . . . .</b>	<b>30,121,200</b>	<b>521,096</b>	<b>132,000</b>	<b>23,036</b>	<b>271,400</b>	<b>52,610</b>

(CONTINUED ON NEXT PAGE)

## GULF FISHERIES

## TEXAS - CATCH BY GEAR, 1951 - Continued

SPECIES	GILL NETS-CONTINUED		TRAMMEL NETS		LINES	
	STAKE				HAND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
AMBERJACK. . . . .	-	-	-	-	200	\$10
CABIO OR CRAB EATER. . . . .	-	-	300	\$36	800	96
CATFISH AND BULLHEADS. . . . .	-	-	-	-	10,000	3,000
CROAKER. . . . .	-	-	-	-	300	30
DRUM:						
BLACK. . . . .	4,000	\$560	156,200	21,868	68,600	9,604
RED OR REDFISH. . . . .	3,400	952	80,200	22,456	38,100	10,668
FLOUNDERS. . . . .	200	50	12,500	3,125	1,300	325
GROUPERS. . . . .	-	-	-	-	36,200	4,344
JEW FISH. . . . .	-	-	300	27	72,900	6,561
KING WHITING OR "KINGFISH"	100	7	9,100	637	1,700	119
MULLET. . . . .	-	-	168,800	11,816	-	-
POMPANO. . . . .	-	-	1,000	400	200	80
SEA CATFISH. . . . .	1,100	99	37,000	3,330	5,800	522
SEA TROUT OR WEAKFISH,						
SPOTTED. . . . .	6,600	2,046	143,300	44,392	139,900	19,993
SHEEPSHEAD, SALT-WATER	-	-	9,000	990	3,400	356
SNAPPER, RED. . . . .	-	-	-	-	1,105,800	309,624
SPANISH MACKEREL. . . . .	-	-	500	75	100	15
TOTAL. . . . .	15,400	3,714	618,200	109,152	1,485,300	365,347

SPECIES	LINES-CONTINUED				OTTER TRAWLS	
	TRAWL OR TROT, WITH HOOKS		TROT WITH BAITS			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CABIO OR CRAB EATER. . . . .	-	-	-	-	500	\$60
DRUM:						
BLACK. . . . .	275,300	\$38,542	-	-	-	-
RED OR REDFISH. . . . .	37,500	10,500	-	-	1,500	420
FLOUNDERS. . . . .	500	125	-	-	35,200	9,000
GROUPERS. . . . .	-	-	-	-	500	60
JEW FISH. . . . .	-	-	-	-	100	9
KING WHITING OR "KINGFISH"	-	-	-	-	95,100	6,657
SEA CATFISH. . . . .	200	18	-	-	17,800	1,602
SEA TROUT OR WEAKFISH,						
SPOTTED. . . . .	33,600	10,416	-	-	29,600	9,176
SHEEPSHEAD, SALT-WATER	3,500	385	-	-	900	99
SNAPPER, RED. . . . .	-	-	-	-	600	168
CRABS, BLUE, HARD. . . . .	-	-	85,100	\$7,093	10,100	893
SHRIMP. . . . .	-	-	-	-	64,346,300	14,365,696
SQUID. . . . .	-	-	-	-	800	24
TOTAL. . . . .	350,600	59,986	85,100	7,093	64,539,000	14,393,664

SPECIES	POTS		SPEARS		DREDGES	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
DRUM:						
BLACK. . . . .	-	-	3,500	\$490	-	-
RED OR REDFISH. . . . .	-	-	2,600	728	-	-
FLOUNDERS. . . . .	-	-	25,400	6,350	-	-
POMPANO. . . . .	-	-	100	40	-	-
CRABS, BLUE, HARD. . . . .	184,600	\$16,078	-	-	-	-
OYSTERS, MARKET, PUBLIC:						
SPRING. . . . .	-	-	-	-	196,100	\$60,447
FALL. . . . .	-	-	-	-	123,700	37,827
TOTAL. . . . .	184,600	16,078	31,600	7,608	319,800	98,274

SPECIES	TONGS		BY HAND	
	POUNDS	VALUE	POUNDS	VALUE
OYSTERS, MARKET, PUBLIC:				
SPRING. . . . .	79,500	\$24,157	4,400	\$1,232
FALL. . . . .	50,800	15,340	1,200	336
TOTAL. . . . .	130,300	39,497	5,600	1,568

SECTION 7 - PACIFIC COAST STATES FISHERIES<sup>8/</sup>

During 1951, the production of fish and shellfish in the Pacific Coast States (Washington, Oregon, and California) amounted to 1,067,135,800 pounds valued at \$97,234,078 to the fishermen. This represented a decrease of 30 percent in volume and 10 percent in value compared with the landings of the previous year. Pilchard landings (328,894,400 pounds) were nearly 386 million pounds below the 1950 production. Tuna receipts (317,210,200 pounds) dropped over 73 million pounds during 1951 compared with 1950, while salmon (97,634,700 pounds) registered a gain of nearly 34 million pounds compared with the catch of the previous year.

The number of fishermen operating in the Pacific Coast States decreased from 31,691 in 1950 to 28,692 in 1951. There were 3,308 fishing vessels of 5 net tons and over operating in this area during 1951; 17 less than the number operating in 1950.

Landings of tuna and tunalike fishes in the Pacific Coast States during 1951 recorded a decrease of 19 percent in quantity and 22 percent in value compared with landings of over 390 million pounds in the previous year which had broken all previous records. Tuna prices for raw fish started the year at nearly the same as the previous year: yellowfin, \$310; bluefin, \$300; and skipjack, \$290. The per-ton price of albacore began at \$400 in June when this species appeared, but rapidly declined until it reached \$300, and then fell to \$250 per ton by the end of the season. The market for skipjack likewise weakened before the end of the season. The 1951 albacore season in the Pacific Northwest was the poorest on record since tuna fishing became important in that region. At no time did a concentrated run of fish develop in this area. The Fish and Wildlife Service's exploratory vessel *John N. Cobb* also searched for tuna off Washington and Oregon but located very few fish. The catches were scattered and inconsistent throughout the season creating problems ashore where cannery operators had difficulty holding cannery crews together. Undoubtedly, the increased amounts of canned-in-brine tuna from Japan which was imported into the United States during 1951, not only disrupted the tuna-fishing industry, but seriously affected the marketing of canned salmon. In addition to imports of canned tuna products, increased imports of frozen tuna were singled out by the tuna fleet on the West Coast as the principal cause for the difficulties which the tuna industry experienced during 1951. Tuna fishermen in California instituted a new angle to the anti-foreign tuna argument when they set up stalls in the public markets to sell their own catches of tuna.

The pilchard fishery during 1951 suffered a severe setback when a scarcity of fish occurred in all areas in which they have been taken. Fish were not as plentiful in Southern California waters as in the previous year and they were extremely scarce in the Monterey and San Francisco Districts. Landings of pilchards in the San Francisco District during the year totaled only 165,100 pounds. Ten years previously -- in 1941 -- landings of this species in the Bay area totaled over 395 million pounds, while the record 1936 catch amounted to 789 million pounds. Fishing was much poorer than might be judged from the pack, as a much greater percentage of the catch went into cans. This was due mainly to the high price paid for pilchards, the good market for the canned product, and the proportionately lower prices offered for byproducts.

The 1951 catch of Pacific salmon rose nearly 34 million pounds above the take during 1951. Pink salmon occur in Puget Sound in numbers only on the odd-numbered years, and the receipts of this species for 1951 amounted to 33,977,600 pounds. This was far below the record year of 1917. It was estimated that of the total Puget Sound salmon pack approximately 30 percent of the sockeye salmon was canned from frozen fish transported from Alaska's Bristol Bay with a few small deliveries from Central and Southeastern

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<sup>8/</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.

# PACIFIC COAST STATES FISHERIES

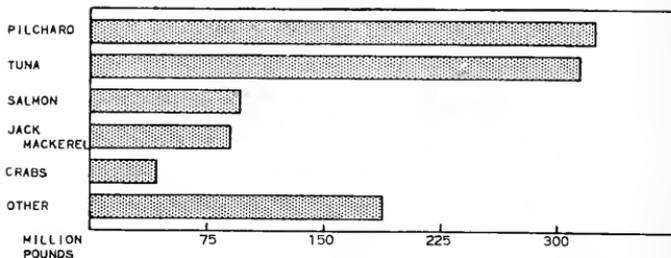
Alaska. Although fish from British Columbia greatly influenced the Puget Sound pack of chum salmon, and to a lesser degree the silver salmon pack during 1950, this influence was much less during 1951. Most of the salmon packed on the Columbia River during 1951 was of local origin in contrast to the previous year when large quantities of fish were brought from other areas for canning. The poor results obtained from late summer fishing on the Columbia River prevented the pack from equalling some of the better recent years. The Columbia River salmon catch in late summer was so light that cannery operations were unprofitable and the catch was used chiefly for the fresh market. With the exception of some minor labor troubles which were settled before the beginning of the season, there were few interruptions in the salmon-canning industry during the year.

The 1951 halibut season which opened on May 1 was the shortest on record -- 56 days compared with 66 days in 1950, 73 days in 1949, 72 days in 1948, and 109 days in 1947. A ten-day no-limit season was permitted in two small areas off northern British Columbia and southeastern Alaska a full month after the regular season in order to take surplus fish from these grounds. These areas are avoided by the fleet during the regular season in favor of the more productive grounds.

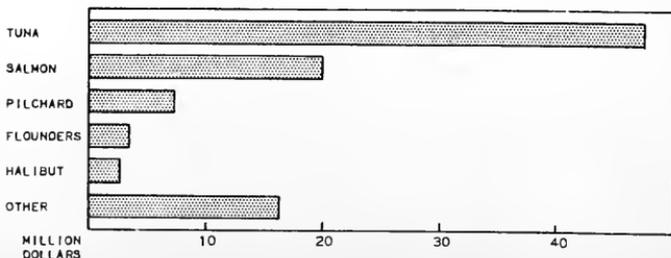
Condensed summary data of the operating units and catch by states of the Pacific Coast States Fisheries, appearing on the following pages, have been previously published in Current Fishery Statistics No. 876.



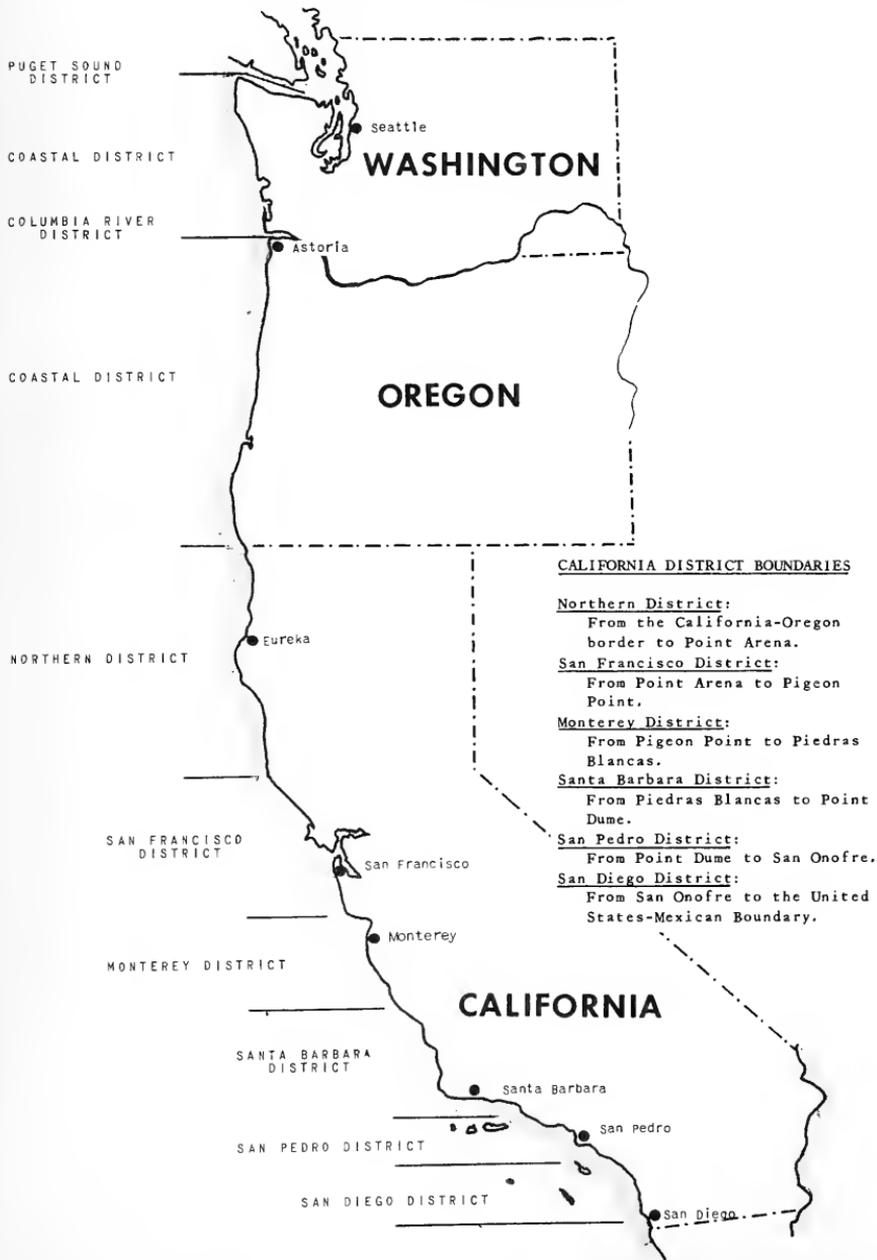
## PACIFIC COAST STATES CATCH, 1951



## VALUE OF PACIFIC COAST STATES CATCH, 1951



PACIFIC COAST STATES FISHING DISTRICTS



# PACIFIC COAST STATES FISHERIES

## SECTIONAL SUMMARIES

### SUMMARY OF CATCH, 1951

PRODUCT	WASHINGTON		OREGON	
	POUNDS	VALUE	POUNDS	VALUE
FISH . . . . .	138,573,600	\$20,780,034	44,617,800	\$5,953,956
SHELLFISH, ETC. . . . .	13,367,400	2,672,919	8,428,100	1,229,922
TOTAL . . . . .	151,941,000	23,452,953	53,045,900	7,183,878

PRODUCT	CALIFORNIA		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE
FISH . . . . .	834,824,900	\$63,779,160	1,018,016,300	\$90,513,150
SHELLFISH, ETC. . . . .	26,640,200	2,757,887	48,435,700	6,660,728
WHALE PRODUCTS . . . . .	683,800	60,200	683,800	60,200
TOTAL . . . . .	862,148,900	66,597,247	1,067,135,800	97,234,078

### SUMMARY OF OPERATING UNITS, 1951

ITEM	WASHINGTON				OREGON
	PUGET SOUND DISTRICT	COASTAL DISTRICT	COLUMBIA RIVER DISTRICT	TOTAL	COLUMBIA RIVER DISTRICT
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS . . . . .	4,740	551	72	5,363	759
ON BOATS AND SHORE . . . . .	2,609	2,558	804	5,971	1,437
TOTAL . . . . .	7,349	3,109	876	11,334	2,196
VESSELS, MOTOR . . . . .	986	259	42	1,287	260
NET TONNAGE . . . . .	19,681	3,116	416	23,213	5,189
BOATS:					
MOTOR . . . . .	1,181	646	529	2,356	748
OTHER . . . . .	370	130	12	512	11
ACCESSORY BOATS . . . . .	325	-	-	325	1
APPARATUS:					
PURSE SEINES AND LAMPARA NETS:					
SALMON . . . . .	325	-	-	325	-
LENGTH, YARDS . . . . .	203,125	-	-	203,125	-
TUNA . . . . .	-	-	-	-	1
LENGTH, YARDS . . . . .	-	-	-	-	650
HAUL SEINES . . . . .	112	2	2	116	1
LENGTH, YARDS . . . . .	11,000	200	200	11,400	100
GILL NETS:					
SALMON . . . . .	700	506	422	1,628	584
SQUARE YARDS . . . . .	1,041,200	555,550	1,350,400	2,947,150	1,870,000
SHARK . . . . .	90	1	-	91	105
SQUARE YARDS . . . . .	59,000	550	-	59,550	92,000
SMELT . . . . .	-	-	8	8	66
SQUARE YARDS . . . . .	-	-	3,000	3,000	24,750
LINES:					
TRAWL, SET, OR HAND:					
OTHER <sup>2</sup> . . . . .	33,125	212	-	33,337	991
HOOKS . . . . .	662,025	4,012	-	666,037	25,932
TROLL:					
SALMON . . . . .	3,956	1,850	550	6,356	1,038
HOOKS . . . . .	19,180	9,250	2,475	30,905	4,675
TUNA <sup>3</sup> . . . . .	402	30	-	432	628
HOOKS . . . . .	402	30	-	432	628
POUND NETS . . . . .	2	-	-	2	-
BRUSH WEIRS . . . . .	1	-	-	1	-
DIP NETS . . . . .	25	39	231	295	553
REEF NETS . . . . .	122	-	-	122	-
BEAM TRAWLS . . . . .	4	-	-	4	-
YARDS AT MOUTH . . . . .	35	-	-	35	-
OTTER TRAWLS . . . . .	144	7	-	151	40
YARDS AT MOUTH . . . . .	2,160	105	-	2,265	600
TRAPS:					
CRAB . . . . .	14,400	10,000	650	25,050	6,900
CRAWFISH . . . . .	-	-	-	-	850
OCTOPUS . . . . .	110	-	-	110	-
SHRIMP . . . . .	475	-	-	475	-
DREDGES, OYSTER . . . . .	8	57	-	65	-
YARDS AT MOUTH . . . . .	16	114	-	130	-
TONGS AND RAKES, OYSTER . . . . .	30	55	-	85	-
SHOVELS, CLAM . . . . .	300	1,825	-	2,125	-

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

# PACIFIC COAST STATES FISHERIES

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## SUMMARY OF OPERATING UNITS, 1951 - Continued

ITEM	OREGON - CONTINUED		CALIFORNIA		
	COASTAL DISTRICT	TOTAL	NORTHERN DISTRICT	SAN FRANCISCO DISTRICT	MONTEREY DISTRICT
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS. . . . .	566	1,325	1,165	1,319	1,717
ON BOATS AND SHORE. . . . .	1,470	2,907	378	1,076	592
TOTAL. . . . .	2,036	4,232	1,543	2,395	2,309
VESSELS, MOTOR	265	525	417	527	414
NET TONNAGE. . . . .	3,460	8,649	6,181	8,489	7,902
BOATS:					
MOTOR. . . . .	615	1,363	238	621	280
OTHER. . . . .	33	44	-	-	-
ACCESSORY BOATS. . . . .	-	1	15	40	58
APPARATUS:					
PURSE SEINES AND LAMPARA NETS:					
PILCHARD. . . . .	-	-	-	2	42
LENGTH, YARDS. . . . .	-	-	-	900	17,960
TUNA. . . . .	-	1	-	-	1
LENGTH, YARDS. . . . .	-	650	-	-	650
OTHER 1/. . . . .	-	-	1	17	61
LENGTH, YARDS. . . . .	-	-	125	2,075	8,210
HAUL SEINES. . . . .	4	5	-	-	-
LENGTH, YARDS. . . . .	660	760	-	-	-
GILL NETS:					
CALIFORNIA HALIBUT <sup>11</sup> . . . . .	-	-	-	-	12
SQUARE YARDS. . . . .	-	-	-	-	83,520
CRAB. . . . .	-	-	-	-	1
SQUARE YARDS. . . . .	-	-	-	-	8,000
SALMON. . . . .	688	1,272	-	187	-
SQUARE YARDS. . . . .	618,500	2,488,500	-	794,900	-
SEA BASS. . . . .	-	-	-	6,745	3
SQUARE YARDS. . . . .	-	-	-	73	4,800
SHAD. . . . .	-	-	-	342,516	-
SQUARE YARDS. . . . .	-	-	-	22	1
SHARK. . . . .	25	130	1	-	-
SQUARE YARDS. . . . .	22,000	114,000	8,000	196,000	10,000
SMELT. . . . .	-	66	-	-	-
SQUARE YARDS. . . . .	-	24,750	-	-	-
OTHER. . . . .	-	-	21	50	28
SQUARE YARDS. . . . .	-	-	20,900	50,400	27,500
LINES:					
TRAWL SET, OR HAND:					
ALBACORE 2/. . . . .	-	-	66	166	184
HOOKS. . . . .	-	-	-	66	166
YELLOWFIN 2/. . . . .	-	-	-	6	-
HOOKS. . . . .	-	-	-	6	-
OTHER 2/. . . . .	530	1,521	1,264	170	1,153
HOOKS. . . . .	10,600	36,532	54,368	5,044	90,212
TROLL:					
ALBACORE. . . . .	-	-	1,676	1,932	3,031
HOOKS. . . . .	-	-	1,676	1,932	3,031
SALMON. . . . .	2,084	3,122	2,201	2,745	738
HOOKS. . . . .	9,375	14,050	9,186	12,942	4,164
TUNA 3/. . . . .	170	798	-	-	-
HOOKS. . . . .	170	798	-	-	-
FYKE NETS. . . . .	-	-	-	1,720	-
DIP NETS. . . . .	-	553	24	16	12
BAG NETS, SHRIHP.	-	-	-	2	-
LENGTH, YARDS. . . . .	-	-	-	1,280	-
BEAM TRAWLS. . . . .	-	-	-	19	-
YARDS AT MOUTH. . . . .	-	-	-	30	24
OTTER TRAWLS. . . . .	19	59	43	450	342
YARDS AT MOUTH. . . . .	285	885	636	-	-
TRAPS:					
CRAB. . . . .	12,300	19,200	10,126	11,450	150
CRAWFISH. . . . .	-	850	-	-	-
OCTOPUS. . . . .	-	-	-	-	25
HARPOONS:					
SWORDFISH. . . . .	-	-	-	1	1
WHALE. . . . .	-	-	1	-	-
DREDGES, OYSTER. . . . .	8	8	-	-	-
YARDS AT MOUTH. . . . .	16	16	-	-	-
TONGS AND RAKES, OYSTER	18	18	-	5	-
SHOVELS, CLAM. . . . .	760	760	4	-	10
ABALONE OUTFITS. . . . .	-	-	-	1	1

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

## PACIFIC COAST STATES FISHERIES

## SUMMARY OF OPERATING UNITS, 1951 - Continued

ITEM	CALIFORNIA - CONTINUED				PACIFIC COAST GRAND TOTAL, (EXCLUSIVE OF DUPLICATION)
	SANTA BARBARA DISTRICT	SAN PEDRO DISTRICT	SAN DIEGO DISTRICT	TOTAL, EXCLUSIVE OF DUPLICATION	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS . . . . .	2,052	6,245	4,495	10,532	15,613
ON BOATS AND SHORE . . . . .	392	1,703	1,120	4,201	13,079
TOTAL . . . . .	2,444	7,948	5,615	14,733	28,692
VESSELS, MOTOR . . . . .	289	901	816	1,951	3,308
NET TONNAGE . . . . .	9,736	36,884	31,847	63,562	85,467
BOATS:					
MOTOR . . . . .	179	801	499	2,108	5,827
OTHER . . . . .	-	-	-	-	556
ACCESSORY BOATS . . . . .	170	496	368	735	1,061
APPARATUS:					
PURSE SEINES AND LAMPARA NETS:					
BARRACUDA . . . . .	-	6	2	8	8
LENGTH, YARDS . . . . .	-	2,550	950	3,500	3,500
MACKEREL . . . . .	45	125	-	130	130
LENGTH, YARDS . . . . .	21,550	59,710	-	61,980	61,980
PILCHARD . . . . .	137	277	15	330	330
LENGTH, YARDS . . . . .	63,820	128,020	6,200	151,010	151,010
SALMON . . . . .	-	-	-	-	325
LENGTH, YARDS . . . . .	-	-	-	-	203,125
TUNA . . . . .	-	96	10	101	101
LENGTH, YARDS . . . . .	-	63,350	6,250	66,350	66,350
OTHER 1/ . . . . .	5	71	12	164	164
LENGTH, YARDS 1/ . . . . .	675	9,565	2,100	22,300	22,300
HAUL SEINES . . . . .	-	-	-	-	121
LENGTH, YARDS . . . . .	-	-	-	-	12,160
GILL NETS:					
BARRACUDA . . . . .	3	17	15	29	29
SQUARE YARDS . . . . .	21,600	147,740	95,440	219,390	219,390
"CALIFORNIA HALIBUT" SQUARE YARDS . . . . .	-	-	-	12	12
CRAB . . . . .	-	-	-	83,520	83,520
SQUARE YARDS . . . . .	-	-	-	1	1
SALMON . . . . .	-	-	-	8,000	8,000
SQUARE YARDS . . . . .	-	-	-	197	3,067
SEA BASS . . . . .	27	40	23	794,900	6,230,550
SQUARE YARDS . . . . .	180,200	250,600	180,860	544,485	544,485
SHAD . . . . .	-	-	-	73	73
SQUARE YARDS . . . . .	-	-	-	342,516	342,516
SHARK . . . . .	17	11	21	72	293
SQUARE YARDS . . . . .	154,000	94,000	178,000	630,000	803,550
SMELT . . . . .	-	-	-	74	74
SQUARE YARDS . . . . .	-	-	-	-	27,750
OTHER . . . . .	6	13	8	126	126
SQUARE YARDS . . . . .	6,000	15,200	8,400	128,400	128,400
TRAWL NETS . . . . .	9	31	13	45	45
SQUARE YARDS . . . . .	54,000	162,006	67,710	240,891	240,891
LINEs:					
TRAWL, SET, OR HAND:					
ALBACORE 2/ . . . . .	103	820	920	1,459	1,459
HOOKS 2/ . . . . .	103	820	920	1,459	1,459
YELLOWFIN 2/ . . . . .	-	1,753	2,377	3,071	3,039
HOOKS 2/ . . . . .	-	1,753	2,377	3,071	3,039
OTHER 2/ . . . . .	347	1,681	248	4,770	38,273
HOOKS 2/ . . . . .	30,668	60,367	13,711	249,485	910,554
TROLL:					
ALBACORE . . . . .	827	5,598	6,159	12,486	11,708
HOOKS . . . . .	827	5,598	6,159	12,486	11,708
SALMON . . . . .	17	4	6	4,802	13,187
HOOKS . . . . .	112	24	36	22,251	61,741
TUNA 3/ . . . . .	-	-	-	-	890
HOOKS 3/ . . . . .	-	-	-	-	890
OTHER . . . . .	-	331	72	398	398
HOOKS . . . . .	-	331	72	398	398
POUND NETS . . . . .	-	-	-	-	2
BRUSH WEIRS . . . . .	-	-	-	-	1
FYKE NETS . . . . .	-	-	-	1,720	1,720
DIP NETS . . . . .	-	-	-	52	900
BRAIL OR SCOOP NETS . . . . .	-	501	-	501	501
REEF NETS . . . . .	-	-	-	-	122
BAG NETS, SHRIMP . . . . .	-	-	-	2	2
LENGTH, YARDS . . . . .	-	-	-	1,280	1,280
BEAM TRAWLS . . . . .	-	-	-	19	23
YARDS AT MOUTH . . . . .	-	-	-	126	161
OTTER TRAWLS . . . . .	20	-	-	97	304
YARDS AT MOUTH . . . . .	273	-	-	1,401	4,506

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

# PACIFIC COAST STATES FISHERIES

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## SUMMARY OF OPERATING UNITS, 1951 - Continued

ITEM	CALIFORNIA - CONTINUED				PACIFIC COAST GRAND TOTAL, (EXCLUSIVE OF DUPLICATION)
	SANTA BARBARA DISTRICT	SAN PEDRO DISTRICT	SAN DIEGO DISTRICT	TOTAL, EXCLUSIVE OF DUPLICATION	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
APPARATUS - CONTINUED					
TRAPS:					
CRAB . . . . .	435	-	-	20,551	64,001
CRAWFISH . . . . .	-	-	-	-	850
LOBSTERS, SPINY . . . . .	1,325	3,270	1,260	4,395	4,395
OCTOPUS . . . . .	-	-	-	25	135
SHRIMP . . . . .	-	-	-	-	475
HARPOONS:					
SHARK . . . . .	16	-	-	16	16
SWORDFISH . . . . .	22	61	21	71	71
WHALE . . . . .	-	-	-	1	1
DREDGES, OYSTER . . . . .	-	-	-	-	73
YARDS AT MOUTH . . . . .	-	-	-	-	146
TONGS AND RAKES, OYSTER . . . . .	4	-	-	9	112
SHOVELS, CLAM . . . . .	-	-	2	16	2,901
ABALONE OUTFITS . . . . .	34	35	13	65	65

1/ INCLUDES HAUL SEINES OPERATED IN INLAND WATERS FOR CARP AND OTHER ROUGH FISH IN CALIFORNIA.  
 2/ YELLOWFIN AND ALBACORE LINES ARE INCLUDED WITH "OTHER" IN WASHINGTON AND OREGON.  
 3/ DATA FOR WASHINGTON AND OREGON INCLUDES ONLY VESSELS THAT TROLLED OR FISHED EXCLUSIVELY FOR TUNA AND DID NOT TROLL FOR SALMON. SOME OF THE SALMON TROLLERS ALSO TROLLED FOR TUNA.

## CATCH BY STATES, 1951

SPECIES	WASHINGTON		OREGON 1/	
	POUNDS	VALUE	POUNDS	VALUE
CARP . . . . .	100	\$3	100	\$3
COD . . . . .	9,432,400	509,357	135,200	6,761
FLOUNDERS:				
SOLE . . . . .	9,794,500	925,965	13,690,100	850,168
OTHER . . . . .	1,285,700	77,036	370,400	15,722
GRAYFISH . . . . .	2,452,200	59,693	152,300	8,262
HAKE . . . . .	7,000	175	11,100	333
HALIBUT . . . . .	14,901,400	2,559,781	589,700	90,563
HERRING, SEA . . . . .	528,000	42,238	37,800	1,512
HERRING, FRESHWATER . . . . .	-	-	206,800	5,170
LINGCOD . . . . .	3,814,900	362,706	1,178,900	85,539
OCEAN PERCH . . . . .	-	-	1,855,800	92,787
PERCH . . . . .	145,700	15,752	133,600	10,688
PILCHARD . . . . .	1,700	136	-	-
RATFISH . . . . .	620,000	6,200	-	-
ROCKFISHES . . . . .	10,649,500	574,797	3,695,500	179,135
SABLEFISH . . . . .	4,904,000	454,374	714,000	49,512
SALMON:				
CHINOOK OR KING . . . . .	10,907,700	2,957,346	9,309,300	2,521,468
CHUM OR KETA . . . . .	11,583,900	1,571,996	615,500	61,548
PINK . . . . .	33,977,600	5,096,647	-	-
RED OR SOCKEYE . . . . .	8,146,000	2,499,262	118,400	35,875
SILVER OR COHO . . . . .	11,919,400	2,662,396	3,864,200	760,826
TOTAL SALMON . . . . .	76,534,600	14,787,647	13,907,400	3,379,717
SHAD . . . . .	218,200	17,406	1,152,000	81,787
SHARKS 2/ . . . . .	109,400	21,648	13,100	2,126
SKATES . . . . .	752,000	7,520	38,300	605
SHELT:				
EULACHON . . . . .	651,200	97,690	831,000	131,128
SURF OR SILVER . . . . .	597,200	59,714	-	-
STEELHEAD TROUT . . . . .	215,700	46,725	1,024,000	218,705
STRIPED BASS . . . . .	-	-	25,100	2,249
TURBOT . . . . .	152,800	32,431	142,600	32,838

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

## PACIFIC COAST STATES FISHERIES

## CATCH BY STATES, 1951 - Continued

SPECIES	WASHINGTON		OREGON 1/	
	POUNDS	VALUE	POUNDS	VALUE
FISH - CONTINUED				
TUNA AND TUNALIKE FISHES:				
ALBACORE . . . . .	625,400	\$93,540	2,949,900	\$442,480
SKIPJACK OR STRIPED . . . . .	40,000	5,800	664,900	96,410
YELLOWFIN . . . . .	140,000	21,700	1,095,200	169,756
TOTAL TUNA AND TUNALIKE FISHES	805,400	121,040	4,710,000	708,646
TOTAL FISH . . . . .	138,573,600	20,780,034	44,617,800	5,953,956
SHELLFISH, ETC.				
CRABS, DUNGENESS . . . . .	4,830,000	626,338	7,452,000	947,987
CRAWFISH, FRESH-WATER . . . . .	-	-	27,600	5,826
SHRIMP . . . . .	108,100	42,156	-	-
CLAMS:				
HARD . . . . .	227,800	109,962	-	-
RAZOR . . . . .	294,100	141,435	105,100	60,279
MIXED . . . . .	-	-	37,300	8,876
TOTAL CLAMS . . . . .	521,900	251,397	142,400	69,155
OCTOPUS . . . . .	29,200	1,461	1,000	40
OYSTERS, MARKET:				
PACIFIC . . . . .	7,775,800	1,618,779	805,100	206,914
WESTERN . . . . .	85,400	122,050	-	-
TOTAL OYSTERS . . . . .	7,861,200	1,740,829	805,100	206,914
SCALLOPS, BAY . . . . .	17,000	10,738	-	-
TOTAL SHELLFISH . . . . .	13,367,400	2,672,919	8,428,100	1,229,922
GRAND TOTAL . . . . .	151,941,000	23,452,953	53,045,900	7,183,878

SPECIES	CALIFORNIA 1/		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE
FISH				
ANCHOVIES . . . . .	6,954,900	\$143,660	6,954,900	\$143,660
BARRACUDA . . . . .	2,106,700	356,739	2,106,700	356,739
CABEZONE . . . . .	23,900	717	23,900	717
CABRILLA . . . . .	391,800	59,314	391,800	59,314
CARP . . . . .	932,300	41,220	932,500	41,226
CATFISH . . . . .	238,100	50,792	238,100	50,792
COD . . . . .	-	-	9,567,600	516,118
FLOUNDERS:				
"CALIFORNIA HALIBUT" . . . . .	865,900	198,641	865,900	198,641
"SOLE" . . . . .	8,224,900	1,254,157	41,709,500	3,030,290
OTHER . . . . .	1,782,700	95,805	3,438,800	188,563
FLYING FISH . . . . .	53,500	4,217	53,500	4,217
GRAYFISH . . . . .	(2)	(2)	2,604,500	67,955
GROUPEE . . . . .	583,700	117,349	583,700	117,349
HAKE . . . . .	25,000	312	43,100	820
HALIBUT . . . . .	86,700	20,678	15,577,800	2,671,022
HERRING, SEA . . . . .	4,917,700	53,304	5,483,500	97,054
JACK MACKEREL . . . . .	89,838,100	2,016,402	89,838,100	2,016,402
KINGFISH . . . . .	682,200	44,249	682,200	44,249
LAMPREY . . . . .	-	-	206,800	5,170
LINGCOD . . . . .	1,672,100	144,097	6,665,900	592,342
MACKEREL . . . . .	33,518,400	932,148	33,518,400	932,148
MULLET . . . . .	107,800	6,924	107,800	6,924
OCEAN PERCH . . . . .	-	-	1,855,800	92,787
PERCH . . . . .	240,200	34,836	519,500	61,276
PILCHARD . . . . .	328,892,700	7,247,470	328,894,400	7,247,606
POMPANO . . . . .	64,200	22,298	64,200	22,298
RATFISH . . . . .	-	-	620,000	6,200
ROCK BASS . . . . .	288,600	45,567	288,600	45,567
ROCKFISHES . . . . .	10,992,100	654,646	29,337,100	1,408,578
SABLEFISH . . . . .	2,585,100	199,360	8,203,100	703,246
SALMON:				
CHINOOK OR KING . . . . .	7,192,700	1,972,962	27,409,700	7,451,776
CHUM OR KETA . . . . .	-	-	12,199,400	1,633,544
PINK . . . . .	-	-	33,977,600	5,096,647
RED OR SOCKEYE . . . . .	-	-	8,264,400	2,335,137
SILVER OR COHO . . . . .	-	-	15,783,600	3,423,222
TOTAL SALMON . . . . .	7,192,700	1,972,962	97,637,700	20,140,326
SCULPIN . . . . .	101,400	18,412	1,740	18,412

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

# PACIFIC COAST STATES FISHERIES

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## CATCH BY STATES, 1951 - Continued

SPECIES	CALIFORNIA 1/		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE
FISH - CONTINUED				
SEA BASS:				
BLACK . . . . .	277,500	\$45,504	277,500	\$45,504
WHITE . . . . .	1,533,000	364,620	1,533,000	364,620
SHAD . . . . .	606,200	38,371	1,976,400	137,564
SHARK 2/ . . . . .	842,300	70,317	964,800	94,091
SHEEPSHEAD . . . . .	61,400	5,519	61,400	5,519
SKATES . . . . .	84,600	1,862	674,900	9,987
SMELT:				
EULACHON . . . . .	-	-	1,482,200	228,818
SURF OR SILVER . . . . .	1,095,500	68,537	1,692,700	128,251
SPANISH MACKEREL . . . . .	19,600	2,273	19,600	2,273
SQUAWFISH . . . . .	900	35	900	35
STEELHEAD TROUT . . . . .	-	-	1,239,700	265,430
STRIPED BASS . . . . .	-	-	28,100	2,249
STURGEON . . . . .	-	-	295,400	65,269
SURDFISH . . . . .	228,000	100,473	228,000	100,473
TOMCOD . . . . .	2,000	108	2,000	108
TUNA AND TUNALIKE FISHES:				
ALBACORE . . . . .	30,915,300	4,867,363	34,490,600	5,403,383
BLUEFIN . . . . .	3,862,400	604,027	3,862,400	604,027
BONITO . . . . .	776,800	74,265	776,800	74,265
SKIPJACK OR STRIPED . . . . .	115,894,100	16,552,860	116,599,000	16,655,070
YELLOWFIN . . . . .	160,246,200	24,769,155	161,481,400	24,960,611
TOTAL TUNA AND TUNALIKE FISHES	311,694,800	46,867,670	317,210,200	47,697,356
WHITEBAIT . . . . .	162,100	15,583	162,100	15,583
WHITEFISH . . . . .	18,200	1,869	18,200	1,869
YELLOWTAIL . . . . .	4,669,700	443,307	4,669,700	443,307
UNCLASSIFIED . . . . .	165,700	16,836	165,700	16,836
TOTAL FISH . . . . .	834,824,900	63,779,160	1,018,016,300	90,513,150
SHELLFISH, ETC.				
CRABS:				
DUNGENESS . . . . .	11,568,400	1,621,546	23,850,400	3,195,871
ROCK . . . . .	22,600	1,803	22,600	1,803
TOTAL CRABS . . . . .	11,591,000	1,623,349	23,873,000	3,197,674
CRAWFISH, FRESH-WATER . . . . .	-	-	27,600	5,826
LOBSTERS, SPINY . . . . .	824,600	301,867	824,600	301,867
SHRIMP . . . . .	934,000	64,874	1,042,100	107,030
ABALONE . . . . .	816,800	364,596	816,800	364,596
CLAMS:				
HARD . . . . .	18,400	19,184	246,200	129,146
RAZOR . . . . .	-	-	399,200	201,714
MIXED . . . . .	-	-	37,300	8,876
TOTAL CLAMS . . . . .	18,400	19,184	682,700	339,736
OCTOPUS . . . . .	29,200	2,139	59,400	3,640
OYSTERS, MARKET:				
EASTERN . . . . .	25,000	28,460	25,000	28,460
PACIFIC . . . . .	16,100	14,477	8,597,000	1,840,170
WESTERN . . . . .	2,200	2,804	87,600	124,854
TOTAL OYSTERS . . . . .	43,300	45,741	8,709,600	1,993,484
SCALLOPS, BAY . . . . .	-	-	17,000	10,738
SQUID . . . . .	12,382,900	336,137	12,382,900	336,137
TOTAL SHELLFISH . . . . .	26,646,200	2,757,887	48,435,700	6,668,728
WHALE PRODUCTS				
MEAL . . . . .	170,000	10,000	170,000	10,000
OIL . . . . .				
WHALE . . . . .	138,800	12,700	138,800	12,700
SPERM . . . . .	375,000	37,500	375,000	37,500
TOTAL WHALE PRODUCTS . . . . .	683,800	60,200	683,800	60,200
GRAND TOTAL . . . . .	862,148,900	66,597,247	1,067,135,800	97,234,076

1/ INCLUDES THE CATCH TAKEN OFF LATIN AMERICA. 2/ CATCH OF GRAYFISH IN CALIFORNIA IS INCLUDED WITH SHARKS. NOTE:--PRIOR TO 1941, THE POUNDAGE OF MOST OF THE HALIBUT, SABLEFISH, AND ROCKFISH 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. LANDINGS OF LINGCOD, SABLEFISH AND ROCKFISHES, WHICH WERE DRESSED BEFORE WEIGHING, WERE CONVERTED TO ROUND WEIGHT BY MULTIPLYING THE DRESSED WEIGHT BY A FACTOR OF 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 1,107,511 POUNDS OF FISH LIVERS AND VISCERA, VALUED AT \$329,447 TO THE FISHERMEN. COMPRISING THIS TOTAL WERE: GRAYFISH LIVERS, 230,720 POUNDS, \$61,136; HALIBUT LIVERS, 205,414 POUNDS, \$80,183; LINGCOD LIVERS, 113,039 POUNDS, \$73,897; ROCKFISH LIVERS, 12,851 POUNDS, \$6,425; SABLEFISH LIVERS, 116,713 POUNDS, \$30,631; SOUFFIN SHARK LIVERS, 14,050 POUNDS, \$23,749; OTHER SHARK LIVERS, 649 POUNDS, \$26; SKATE LIVERS, 18,838 POUNDS, \$1,883; MISCELLANEOUS LIVERS, 164,161 POUNDS, \$5,208; AND HALIBUT, SABLEFISH AND LINGCOD VISCERA, 231,076 POUNDS, \$43,309. SIMILAR DATA ARE NOT AVAILABLE FOR CALIFORNIA. LANDINGS OF GRAYFISH AND SHARKS ARE BASED ON A LIVER YIELD OF 12 PERCENT OF THE ROUND WEIGHT, SINCE MOST OF THE CARCASSES OF THESE SPECIES WERE DISCARDED AT SEA AFTER REMOVAL OF THE LIVERS.

## PACIFIC COAST STATES FISHERIES

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

ITEM			WASHINGTON	
	YEAR	UNIT	QUANTITY	VALUE
BY MANUFACTURING ESTABLISHMENTS:				
COD:				
FRESH FILLETS. . . . .	1951	POUNDS	1,487,963	\$303,240
FROZEN FILLETS. . . . .	1951	DO	707,559	177,440
SALTED, PARTLY BONED AND BONELESS.	1950	DO	451,000	116,900
FLOUNDERS:				
FRESH FILLETS. . . . .	1951	DO	1,435,256	479,859
FROZEN FILLETS. . . . .	1951	DO	1,748,295	676,902
HALIBUT:				
FROZEN FILLETS. . . . .	1951	DO	192,221	96,799
FROZEN STEAKS. . . . .	1951	DO	3,431,513	1,448,490
LINGCOD:				
FRESH FILLETS. . . . .	1951	DO	264,997	64,546
FROZEN FILLETS. . . . .	1951	DO	688,620	183,638
ROCKFISHES:				
FRESH FILLETS. . . . .	1951	DO	1,930,028	398,201
FROZEN FILLETS. . . . .	1951	DO	720,233	170,076
SABLEFISH, KIPPERED. . . . .	1950	DO	116,467	38,106
SALMON:				
FROZEN FILLETS AND STEAKS. . . . .	1951	DO	1,551,604	835,666
CANNED:				
CHINODK OR KING. . . . .	1951	STANDARD CASES	37,125	1,220,833
CHUM OR KETA. . . . .	1951	DO	252,559	4,225,022
PINK. . . . .	1951	DO	441,605	9,419,295
RED OR SOCKEYE. . . . .	1951	DO	161,386	6,013,925
SILVER. . . . .	1951	DO	99,884	2,489,834
TOTAL CANNED SALMON. . . . .	1951	DO	992,559	23,368,909
SMOKED SALMON, CANNED. . . . .	1951	DO	(2)	(2)
EGGS FOR BAIT, CANNED. . . . .	1951	DO	13,093	381,000
SALTED, MILD-CURED. . . . .	1950	POUNDS	2,218,425	1,232,915
SMOKED. . . . .	1950	DO	67,850	54,388
KIPPERED. . . . .	1950	DO	1,036,152	543,065
SHAD ROE, CANNED. . . . .	1951	STANDARD CASES	(2)	(2)
SHARK, LIVER OIL. . . . .	1951	GALLONS	49,294	410,736
TUNA AND TUNALIKE FISHES:				
CANNED, SOLID, CHUNKS, AND FLAKES:				
TUNA:				
ALBACORE. . . . .	1951	STANDARD CASES	57,161	689,432
YELLOWFIN. . . . .	1951	DO	3/8,421	3/98,928
SKIPJACK. . . . .	1951	DO	(3)	(3)
TOTAL TUNA. . . . .	1951	DO	65,582	788,360
CRAB, DUNGENESE:				
CANNED:				
NATURAL. . . . .	1951	DO	19,865	507,373
COCKTAILS. . . . .	1951	DO	279	8,072
FRESH AND FROZEN COOKED MEAT. . . . .	1950	POUNDS	294,807	269,570
CHIRMP, COCKTAILS, CANNED. . . . .	1951	STANDARD CASES	(2)	(2)
CLAMS:				
CANNED:				
RAZOR, HINCED. . . . .	1951	DO	10,062	214,935
HARD:				
WHOLE AND HINCED. . . . .	1951	DO	13,981	164,608
CHOWDER AND NECTAR. . . . .	1951	DO	8,212	25,567
OYSTERS:				
CANNED, PACIFIC:				
NATURAL. . . . .	1951	DO	120,572	1,593,864
SPECIALTIES (SMOKED, STEW, AND COCKTAILS). . . . .	1951	DO	2,626	166,217
FRESH-SHUCKED:				
PACIFIC. . . . .	1950	GALLONS	393,829	1,468,784
WESTERN AND KUMAMOTO. . . . .	1950	DO	8,406	173,762
UNCLASSIFIED PRODUCTS:				
CANNED:				
FISH AND SHELLFISH. . . . .	1951	STANDARD CASES	5/518	5/16,871
ANIMAL FOOD. . . . .	1951	DO	(8)	(8)
MISCELLANEOUS EDIBLE PRODUCTS. . . . .	1950	-	-	9/56,595
HEAL AND DRY SCRAP. . . . .	1951	TONS	12/3,080	12/363,445
OIL AND LIVER OIL. . . . .	1951	GALLONS	15/206,656	15/899,378
MISCELLANEOUS PRODUCTS AND BYPRODUCTS	1951	-	-	15/135,238
TOTAL. . . . .			-	37,833,515

SEE FOOTNOTES AT END OF TABLE.

# PACIFIC COAST STATES FISHERIES

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## MANUFACTURED FISHERY PRODUCTS - VARIOUS YEARS - Continued

ITEM			OREGON		CALIFORNIA	
BY MANUFACTURING ESTABLISHMENTS - CONTINUED	YEAR	UNIT	QUANTITY	VALUE	QUANTITY	VALUE
ANCHOVIES, CANNED . . . . .	1951	STANDARD CASES	-	-	41,055	\$489,062
CHUBS, SMOKED . . . . .	1950	POUNDS	-	-	190,888	124,357
COO, FROZEN FILLETS . . . . .	1951	DO	(2)	(2)	-	-
FLOUNDERS:						
FRESH FILLETS . . . . .	1951	DO	283,386	\$128,688	-	-
FROZEN FILLETS . . . . .	1951	DO	3,512,361	1,316,505	2,680,785	969,275
HALIBUT:						
FROZEN FILLETS . . . . .	1951	DO	109,990	60,756	-	-
FROZEN STEAKS . . . . .	1951	DO	29,640	12,684	-	-
LINGCOD:						
FRESH FILLETS . . . . .	1951	DO	22,585	5,686	-	-
FROZEN FILLETS . . . . .	1951	DO	153,726	47,557	77,000	22,280
MACKEREL, CANNED . . . . .	1951	STANDARD CASES	-	-	1,032,581	6,066,011
PILCHARDS:						
CANNED . . . . .	1951	DO	-	-	2,864,984	19,362,744
MEAL . . . . .	1951	TONS	-	-	17,225	2,266,968
OIL . . . . .	1951	GALLONS	-	-	1,942,586	1,545,937
ROCKFISHES:						
FRESH FILLETS . . . . .	1951	POUNDS	390,365	82,600	-	-
FROZEN FILLETS . . . . .	1951	DO	1,210,548	317,952	1,291,000	353,580
SABLEFISH, KIPPERED . . . . .	1950	DO	(2)	(2)	110,570	48,447
SALMON:						
FROZEN FILLETS AND STEAKS . . . . .	1951	DO	199,088	112,271	185,000	92,300
CANNED:						
CHINOOK OR KING . . . . .	1951	STANDARD CASES	119,467	4,627,964	639	9,034
CHUM OR KETA . . . . .	1951	DO	9,478	159,442	-	-
RED OR SOCKEYE . . . . .	1951	DO	2,271	99,020	-	-
SILVER . . . . .	1951	DO	21,998	654,530	-	-
STEELHEAD TROUT . . . . .	1951	DO	14,862	469,615	-	-
TOTAL CANNED SALMON . . . . .	1951	DO	158,076	6,010,571	639	9,034
SMOKED SALMON, CANNED . . . . .	1951	DO	283	16,880	-	-
SALTED, MILD-CURED . . . . .	1950	POUNDS	60,225	30,625	1,024,915	523,134
SMOKED . . . . .	1950	DO	17,465	17,335	931,108	763,486
KIPPERED . . . . .	1950	DO	54,001	28,553	-	-
SHAD, CANNED . . . . .	1951	STANDARD CASES	9,052	74,093	(2)	(2)
SHAD ROE, CANNED . . . . .	1951	DO	1,923	183,850	(2)	(2)
SHARK, LIVER OIL . . . . .	1951	GALLONS	(2)	(2)	21,592	127,118
TUNA AND TUNALIKE FISHES:						
TUNA:						
ALBACORE . . . . .	1951	STANDARD CASES	335,110	4,806,757	1,171,482	14,462,416
YELLOWFIN . . . . .	1951	DO	3/244,540	3/3,058,846	3,818,034	45,207,651
BLUEFIN . . . . .	1951	DO	-	-	4/71,922	4/797,817
SKIPJACK . . . . .	1951	DO	(3)	(3)	2,126,800	25,238,212
TONNO . . . . .	1951	DO	-	-	160,626	2,180,231
TOTAL TUNA . . . . .	1951	DO	579,650	7,865,603	7,348,864	87,886,327
TUNALIKE FISHES:						
BONITO . . . . .	1951	DO	-	-	14,469	134,364
YELLOWTAIL . . . . .	1951	DO	-	-	90,982	809,613
TOTAL TUNALIKE FISHES . . . . .	1951	DO	-	-	105,451	943,977
TOTAL TUNA AND TUNALIKE FISHES . . . . .	1951	DO	579,650	7,865,603	7,454,315	88,830,304
CRAB, DUNGNESS:						
CANNED:						
NATURAL . . . . .	1951	DO	41,556	1,087,517	(2)	(2)
COCKTAILS . . . . .	1951	DO	232	6,740	-	-
FRESH AND FROZEN COOKED MEAT	1950	POUNDS	707,186	658,628	372,663	364,641
SHRIMP:						
COCKTAILS, CANNED . . . . .	1951	STANDARD CASES	191	5,492	-	-
SALTED AND SUNDRIED . . . . .	1950	POUNDS	-	-	24,187	17,711
CLAMS:						
CANNED:						
RAZOR, MINCED . . . . .	1951	STANDARD CASES	(2)	(2)	-	-
PISMO, MINCED . . . . .	1951	DO	-	-	16,246	89,500
OYSTERS:						
CANNED, PACIFIC:						
NATURAL . . . . .	1951	DO	11,568	147,693	-	-
SPECIALTIES (SMOKED, STEW, AND COCKTAILS) . . . . .	1951	DO	1,891	24,111	-	-
FRESH-SHUCKED:						
PACIFIC . . . . .	1950	GALLONS	208,781	723,922	-	-
WESTERN AND KUMAMOTO . . . . .	1950	DO	(2)	(2)	-	-

(CONTINUED ON NEXT PAGE)

## PACIFIC COAST STATES FISHERIES

## MANUFACTURED FISHERY PRODUCTS - VARIOUS YEARS - Continued

ITEM	YEAR	UNIT	OREGON		CALIFORNIA	
			QUANTITY	VALUE	QUANTITY	VALUE
BY MANUFACTURING ESTABLISHMENTS - CONTINUED						
SQUID, CANNED. . . . .	1951	STANDARD CASES	-	-	208,806	\$1,000,944
UNCLASSIFIED PRODUCTS:						
CANNED:						
FISH AND SHELLFISH . . . . .	1951	DO	6/1,129	6/\$31,659	7/44,489	7/460,857
ANIMAL FOOD. . . . .	1951	DO	-	-	1,178,992	6,263,926
MISCELLANEOUS EDIBLE PRODUCTS	1950	-	-	10/266,080	-	11/538,854
MEAL AND DRY SCRAP . . . . .	1951	TONS	13/1,355	13/156,133	14/25,062	14/3,229,953
OIL AND LIVER OIL. . . . .	1951	GALLONS	16/40,071	16/66,810	17/840,190	17/833,846
FISH SOLUBLES. . . . .	1951	POUNDS	(8)	(8)	33,352,410	1,417,405
MISCELLANEOUS PRODUCTS AND BYPRODUCTS. . . . .	1951	-	-	19/72,459	-	20/5,172,831
TOTAL. . . . .			-	19,559,453	-	140,984,505

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

2/ INCLUDED UNDER "UNCLASSIFIED PRODUCTS."

3/ YELLOWFIN AND SKIPJACK ARE COMBINED IN WASHINGTON AND OREGON.

4/ INCLUDES BIG-EYED TUNA.

5/ INCLUDES CANNED SMOKED SALMON AND STURGEON, SHAD ROE, FISH CAKES, AND SHRIMP COCKTAILS.

6/ INCLUDES CANNED KIPPERED SALMON, SHAD, STURGEON, AND TUNA; AND MINCED AND WHOLE RAZOR CLAMS.

7/ INCLUDES CANNED PACIFIC SEA HERRING, SHAD, SHAD ROE, TUNA PASTE, AND DUNGENESS CRAB MEAT.

8/ INCLUDES WITH MISCELLANEOUS PRODUCTS AND BYPRODUCTS.

9/ INCLUDES SALTED SALMON EGGS, SALTED SABLEFISH, FROZEN CREAMED TUNA, FRESH-SHUCKED HARD CLAMS, AND FROZEN OYSTER STEW.

10/ INCLUDES KIPPERED SABLEFISH, SMOKED SMELT, KIPPERED STURGEON, SALTED CAVIAR, SALTED SHRIMP, SHUCKED HARD CLAMS, AND FRESH-SHUCKED WESTERN OR NATIVE OYSTERS.

11/ INCLUDES DRY SALTED COD; SMOKED CARP, HALIBUT, MULLET, SHAD, TUNA, AND SABLEFISH; FROZEN BREADED SHRIMP; AND FROZEN ABALONE STEAKS AND PATTIES.

12/ INCLUDES MEAL AND DRY SCRAP OF SALMON, DUNGENESS CRAB, AND MISCELLANEOUS SPECIES.

13/ INCLUDES MEAL AND DRY SCRAP OF TUNA, DUNGENESS CRAB, AND MISCELLANEOUS SPECIES.

14/ INCLUDES MEAL AND DRY SCRAP OF ANCHOVY, HERRING, MACKEREL, TUNA, DUNGENESS CRAB, WHALE MEAT, WHALE BONE, AND MISCELLANEOUS SPECIES.

15/ INCLUDES BODY OIL OF SALMON, TUNA, AND MISCELLANEOUS SPECIES; LIVER OIL OF FLOUNDER, LINGCOD, ROCKFISH, SABLEFISH, TUNA, AND MISCELLANEOUS SPECIES; AND VISCERA OIL.

16/ INCLUDES BODY OIL OF SALMON, TUNA, AND MISCELLANEOUS SPECIES; AND LIVER OIL OF LINGCOD, SHARK, AND MISCELLANEOUS SPECIES.

17/ INCLUDES BODY OIL OF ANCHOVY, HERRING, MACKEREL, TUNA, WHALE, SPERM, AND MISCELLANEOUS SPECIES; AND LIVER OIL OF TUNA.

18/ INCLUDES FROZEN FILLETS OF SABLEFISH, CANNED ANIMAL FOOD, AND OYSTER-SHELL LIME AND POULTRY GRIT.

19/ INCLUDES FROZEN FILLETS OF COD AND SABLEFISH, OYSTER-SHELL LIME, AND POULTRY GRIT, AND LIQUID FERTILIZER.

20/ INCLUDES FROZEN SABLEFISH FILLETS, AGAR-AGAR, AMINO ACIDS, GLUE, KELP PRODUCTS, AND OYSTER-SHELL LIME, AND POULTRY GRIT.

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

## SUMMARY OF PRODUCTION, BY COMMODITIES, 1951

SUMMARY OF ITEMS	YEAR	UNIT	QUANTITY	VALUE
PACKAGED FISH. . . . .	1951	POUNDS	24,394,118	\$8,376,991
CANNED FISH AND SHELLFISH. . . . .	1951	STANDARD CASES	14,918,463	165,338,968
FISHERY BYPRODUCTS . . . . .	1951	-	-	16,601,656
PACKAGED SHELLFISH . . . . .	1950	POUNDS	7,021,906	3,979,685
SALTED, DRIED AND PICKLED FISH . . . . .	1950	DO	4,935,458	2,385,395
SMOKED AND KIPPERED FISH . . . . .	1950	DO	2,715,701	1,684,671
FROZEN MISCELLANEOUS FISH AND SHELLFISH.	1950	DO	45,942	10,107
TOTAL. . . . .			-	198,377,473



# PACIFIC COAST STATES FISHERIES

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## WASHINGTON

### CATCH BY DISTRICTS, 1951

SPECIES	PUGET SOUND DISTRICT		COASTAL DISTRICT		COLUMBIA RIVER DISTRICT	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CARP . . . . .	-	-	-	-	100	\$3
COD . . . . .	9,386,900	\$506,897	45,500	\$2,460	-	-
FLOUNDERS:						
SOLE . . . . .	9,510,300	903,483	284,200	22,482	-	-
OTHER . . . . .	1,249,000	74,939	34,300	2,061	2,400	36
GRAYFISH 1/ . . . . .	2,412,900	58,750	39,300	943	-	-
HAKE . . . . .	7,000	175	-	-	-	-
HALIBUT . . . . .	14,900,300	2,559,501	1,100	180	-	-
HERRING, SEA . . . . .	528,000	42,238	-	-	-	-
LINGCOD . . . . .	3,503,900	338,441	273,300	22,571	37,700	1,694
PERCH . . . . .	139,300	15,211	6,400	541	-	-
PILCHARD . . . . .	1,700	136	-	-	-	-
RATFISH . . . . .	620,000	6,200	-	-	-	-
ROCK FISHES . . . . .	10,167,500	552,405	444,600	21,345	37,400	1,047
SABLEFISH . . . . .	4,877,800	452,314	26,200	2,060	-	-
SALMON:						
CHINOOK OR KING . . . . .	3,112,700	862,703	3,420,200	933,052	4,374,800	1,161,591
CHUM OR KETA . . . . .	9,242,400	1,359,631	2,078,500	187,069	263,000	26,296
PINK . . . . .	33,942,700	5,091,412	34,900	5,235	-	-
RED OR SOCKEYE . . . . .	7,817,800	2,345,322	277,100	138,465	51,100	15,475
SILVER OR COHO . . . . .	6,731,300	1,553,397	3,973,000	883,684	1,215,100	225,315
SHAD . . . . .	1,700	84	-	-	216,500	17,322
SHARK, SOUFFIN . . . . .	109,100	21,601	300	68	-	-
SKATES . . . . .	752,000	7,520	-	-	-	-
SMELT:						
EULACHON . . . . .	-	-	-	-	651,200	97,690
SURF OR SILVER . . . . .	77,700	7,766	519,500	51,948	-	-
STEELHEAD TROUT . . . . .	5,000	1,050	15,500	3,883	195,200	41,792
TURGEON . . . . .	3,800	565	32,800	5,252	116,200	26,614
TUNA:						
ALBACORE . . . . .	274,300	40,871	339,200	50,878	11,900	1,791
SKIPPJACK . . . . .	-	-	40,000	5,800	-	-
YELLOWFIN . . . . .	-	-	140,000	21,700	-	-
CRABS, DUNGNESS . . . . .	1,547,500	216,650	3,127,500	390,937	155,000	18,751
SHRIMP . . . . .	108,100	42,156	-	-	-	-
CLAMS:						
HARD:						
BUTTER . . . . .	38,900	15,542	-	-	-	-
LITTLE NECK . . . . .	177,000	92,043	-	-	-	-
MIXED . . . . .	-	-	11,900	2,377	-	-
RAZOR . . . . .	-	-	294,100	141,435	-	-
OCTOPUS . . . . .	29,200	1,461	-	-	-	-
OYSTERS, MARKET:						
PACIFIC . . . . .	1,992,100	398,426	5,783,700	1,220,353	-	-
WESTERN . . . . .	85,400	122,050	-	-	-	-
SCALLOPS, BAY . . . . .	17,000	10,738	-	-	-	-
TOTAL . . . . .	123,370,300	17,700,778	21,243,100	4,116,758	7,327,600	1,635,417

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

### PUGET SOUND DISTRICT OF WASHINGTON - OPERATING UNITS, 1951

ITEM	PURSE SEINES, SALMON	HAUL SEINES 1/	GILL NETS			LINES	
			SALMON		SHARK	TROLL SET, OR HAND	TROLL SALMON
			DRIFT 2/	SET 3/			
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS . . . . .	2,548	4	87	-	10	1,351	684
ON BOATS AND SHORE . . . . .	26	283	658	52	46	25	575
TOTAL . . . . .	2,574	287	745	52	56	1,376	1,259
VESSELS, MOTOR . . . . .	319	1	59	-	7	207	361
NET TONNAGE . . . . .	7,551	6	477	-	78	6,206	3,733
BOATS:							
MOTOR . . . . .	6	95	524	13	26	15	410
OTHER . . . . .	-	17	65	34	-	3	-
ACCESSORY BOATS . . . . .	325	-	-	-	-	-	-
APPARATUS:							
NUMBER . . . . .	325	112	648	52	90	33,125	3,956
LENGTH, YARDS . . . . .	203,125	11,000	-	-	-	-	-
SQUARE YARDS . . . . .	-	-	1,029,000	12,200	59,000	-	-
HOOKS . . . . .	-	-	-	-	-	662,025	19,180

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

## PACIFIC COAST STATES FISHERIES

 PUGET SOUND DISTRICT OF WASHINGTON - OPERATING UNITS  
 1951 - Continued

ITEM	LINES CONT'D.	POUND NETS 3/	BRUSH WEIRS	DIP NETS	REEF NETS	BEAM TRAWLS	OTTER TRAWLS
	TOTAL CONT'D. TUNA 4/						
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS . . . . .	255	-	-	-	-	2	582
ON BOATS AND SHORE. . .	-	8	4	25	488	6	6
TOTAL . . . . .	255	8	4	25	488	8	588
VESSELS, MOTOR . . . . .	67	-	-	-	-	1	142
NET TONNAGE . . . . .	2,227	-	-	-	-	7	4,289
BOATS:							
MOTOR . . . . .	-	2	1	10	-	3	2
OTHER . . . . .	-	-	-	3	244	-	-
APPARATUS:							
NUMBER . . . . .	402	2	1	25	122	4	144
YARDS AT MOUTH. . . . .	-	-	-	-	-	35	2,160
HOOKS . . . . .	402	-	-	-	-	-	-

ITEM	TRAPS			DREDGES, OYSTER	TONGS AND BY HAND, OYSTER	SHOVELS	TOTAL, EXCLUSIVE OF DUPLICATION
	CRAB	OCTOPUS	SHRIMP				
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS . . . . .	55	2	-	5	-	-	4,740
ON BOATS AND SHORE. . .	126	2	15	4	120	300	2,609
TOTAL . . . . .	181	4	15	9	120	300	7,349
VESSELS, MOTOR . . . . .	23	1	-	2	-	-	986
NET TONNAGE . . . . .	264	13	-	37	-	-	19,681
BOATS:							
MOTOR . . . . .	116	1	15	2	23	-	1,181
OTHER . . . . .	5	-	-	-	9	-	370
ACCESSORY BOATS . . . . .	-	-	-	-	-	-	325
APPARATUS:							
NUMBER . . . . .	14,400	110	475	8	30	300	-
YARDS AT MOUTH. . . . .	-	-	-	16	-	-	-

1/ INCLUDES 6 HAUL SEINES OPERATED BY INDIANS ON THEIR RESERVATIONS.

2/ INCLUDES 140 GILL NETS OPERATED BY INDIANS ON THEIR RESERVATIONS.

3/ FISHED ONLY ON RESERVATIONS.

4/ INCLUDES ONLY VESSELS THAT TROLLED OR FISHED EXCLUSIVELY FOR TUNA AND DID NOT TROLL FOR SALMON.  
A TOTAL OF 42 SALMON TROLLERS ALSO FISHED FOR TUNA.

## PUGET SOUND DISTRICT OF WASHINGTON - CATCH BY GEAR, 1951

SPECIES	PURSE SEINES		HAUL SEINES 1/		GILL NETS	
					SALMON	
					POUNDS	VALUE
COD. . . . .	-	-	400	\$22	-	-
FLOUNDERS:						
SOLE . . . . .	100	\$10	1,900	184	-	-
OTHER . . . . .	200	12	700	41	-	-
GRAYFISH 3/ . . . . .	-	-	15,100	452	300	\$20
HERRING, SEA . . . . .	-	-	286,200	22,895	26,200	787
LINGCOD. . . . .	100	7	800	54	-	-
PERCH . . . . .	-	-	127,200	13,995	-	7
PILCHARD . . . . .	-	-	1,700	136	-	-
ROCKFISHES . . . . .	-	-	17,700	886	-	-
SALMON:						
CHINOOK OR KING. . . . .	561,500	101,071	23,000	4,146	429,000	111,123
CHUM OR KETA . . . . .	6,803,300	1,000,089	77,000	11,315	1,419,700	208,692
PINK . . . . .	28,009,300	4,201,393	410,000	61,504	2,809,800	421,475
RED OR SOCKEYE . . . . .	5,989,600	1,796,886	2,000	59	1,046,400	313,920
SILVER OR COHO . . . . .	2,563,600	512,726	29,300	5,864	1,240,200	291,435
SHELT, SURF OR SILVER. . . . .	-	-	76,200	7,619	-	-
OCTOPUS. . . . .	100	5	-	-	-	-
TOTAL . . . . .	43,927,900	7,612,199	1,069,200	129,708	6,971,700	1,347,459

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

# PACIFIC COAST STATES FISHERIES

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## PUGET SOUND DISTRICT OF WASHINGTON - CATCH BY GEAR 1951 - Continued

SPECIES	GILL NETS - CONTINUED				LINES	
	SALMON - CONTINUED SET 2/		SHARK		TRAWL, SET, OR HAND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
COD. . . . .	-	-	600	\$32	7,400	\$400
FLOUNDERS, "SOLE" . . . . .	-	-	-	11	5,300	506
GRAY FISH 3/ . . . . .	-	-	451,700	13,551	209,800	6,295
HALIBUT. . . . .	-	-	-	-	14,809,800	2,544,764
LINGCOD. . . . .	-	-	10,100	897	574,400	67,076
ROCKFISHES . . . . .	-	-	2,200	133	449,300	27,333
SABLEFISH. . . . .	-	-	-	-	3,377,200	339,045
SALMON:						
CHINOOK DR KING. . . . .	36,900	\$6,649	-	-	-	-
CHUM OR KETA . . . . .	581,900	85,539	-	-	-	-
SILVER OR COHO . . . . .	71,700	14,348	-	-	-	-
SHARK, SOUFFIN 3/. . . . .	-	-	97,000	19,204	8,100	1,604
STEELHEAD TROUT. . . . .	5,000	1,050	-	-	600	32
OCTOPUS. . . . .	-	-	-	-	-	-
<b>TOTAL . . . . .</b>	<b>695,500</b>	<b>107,586</b>	<b>561,700</b>	<b>33,828</b>	<b>19,441,900</b>	<b>2,967,055</b>

SPECIES	LINES - CONTINUED		POUND NETS 2/		BRUSH WEIRS	
	TROLL		POUNDS	VALUE	POUNDS	VALUE
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
COD. . . . .	6,100	\$331	-	-	-	-
GRAY FISH 3/. . . . .	8,600	259	-	-	-	-
HALIBUT. . . . .	90,500	14,837	-	-	-	-
HERRING, SEA . . . . .	-	-	-	-	235,300	\$18,824
LINGCOD. . . . .	465,600	41,355	-	-	-	-
ROCKFISHES . . . . .	45,900	2,823	-	-	-	-
SABLEFISH. . . . .	25,200	2,522	-	-	-	-
SALMON:						
CHINOOK OR KING. . . . .	1,877,500	606,442	88,900	\$16,006	-	-
CHUM OR KETA . . . . .	300	45	18,500	2,723	-	-
PJNK . . . . .	191,100	28,668	85,500	12,825	-	-
RED OR SOCKEYE . . . . .	1,400	407	4,200	1,261	-	-
SILVER OR COHO . . . . .	2,372,700	638,262	79,400	15,882	-	-
SHARK, SOUFFIN 3/. . . . .	100	13	-	-	-	-
TUNA, ALBACORE . . . . .	274,300	40,871	-	-	-	-
<b>TOTAL . . . . .</b>	<b>5,359,300</b>	<b>1,376,835</b>	<b>276,500</b>	<b>48,697</b>	<b>235,300</b>	<b>18,824</b>

SPECIES	DIP NETS		REEF NETS		BEAM TRAWLS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
	HERRING, SEA . . . . .	6,500	\$519	-	-	-
LINGCOD. . . . .	-	-	100	\$7	-	-
PERCH. . . . .	100	11	-	-	-	-
SALMON:						
CHINOOK OR KING. . . . .	-	-	95,900	17,266	-	-
CHUM OR KETA . . . . .	-	-	341,700	50,228	-	-
PJNK . . . . .	-	-	2,437,000	365,547	-	-
RED OR SOCKEYE . . . . .	-	-	774,200	232,253	-	-
SILVER OR COHO . . . . .	-	-	374,400	74,880	-	-
SHELT, SURF OR SILVER. . . . .	1,500	147	-	-	-	-
SHRIMP. . . . .	-	-	-	-	22,400	\$8,745
SCALLOPS, BAY 7/. . . . .	-	-	-	-	17,000	10,738
<b>TOTAL . . . . .</b>	<b>8,100</b>	<b>677</b>	<b>4,023,300</b>	<b>740,181</b>	<b>39,400</b>	<b>19,483</b>

SPECIES	OTTER TRAWLS		TRAPS			
	POUNDS	VALUE	CRAB		OCTOPUS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
COD. . . . .	9,372,400	\$506,112	-	-	-	-
FLOUNDERS:						
"SOLE" . . . . .	9,502,900	902,772	-	-	-	-
OTHER. . . . .	1,247,800	74,866	-	-	-	-
GRAY FISH 3/. . . . .	1,701,500	37,406	-	-	-	-
HAKE . . . . .	7,000	175	-	-	-	-
LINGCOD. . . . .	2,452,700	229,038	-	-	-	-
PERCH. . . . .	12,000	1,205	-	-	-	-
RATFISH. . . . .	620,000	6,200	-	-	-	-
ROCKFISHES . . . . .	9,652,400	521,230	-	-	-	-

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

## PACIFIC COAST STATES FISHERIES

PUGET SOUND DISTRICT OF WASHINGTON - CATCH BY GEAR  
1951 - Continued

SPECIES	OTTER TRAWLS		TRAPS - CONTINUED			
	POUNDS	VALUE	CRAB		OCTOPUS	
			POUNDS	VALUE	POUNDS	VALUE
SABLEFISH . . . . .	1,475,400	\$110,747	-	-	-	-
SHAD . . . . .	1,700	84	-	-	-	-
SHARK, SOUPFIN <u>3</u> . . . . .	3,900	780	-	-	-	-
SKATES . . . . .	752,000	7,520	-	-	-	-
STURGEON . . . . .	3,800	565	-	-	-	-
CRABS, DUNGENESS <u>4</u> . . . . .	-	-	1,547,500	\$216,650	-	-
OCTOPUS . . . . .	17,600	879	-	-	10,900	\$543
TOTAL . . . . .	36,823,100	2,399,579	1,547,500	216,650	10,900	543

SPECIES	TRAPS - CONTINUED		DREDGES, TONGS, AND BY HAND		SHOVELS	
	SHRIMP		POUNDS	VALUE	POUNDS	VALUE
	POUNDS	VALUE				
SHRIMP . . . . .	85,700	\$33,411	-	-	-	-
CLAMS, HARD: <u>5</u> . . . . .	-	-	-	-	38,900	\$15,542
BUTTER . . . . .	-	-	-	-	177,000	92,043
LITTLE NECK . . . . .	-	-	-	-	-	-
OYSTERS, MARKET: <u>5</u> . . . . .	-	-	1,992,100	\$398,426	-	-
PACIFIC . . . . .	-	-	85,400	122,050	-	-
WESTERN . . . . .	-	-	-	-	-	-
TOTAL . . . . .	85,700	33,411	2,077,500	520,476	215,900	107,585

1/ THE SALMON CAUGHT BY HAUL SEINES WERE TAKEN ONLY BY INDIANS ON RESERVATIONS.

2/ FISHED ONLY ON INDIAN RESERVATIONS.

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

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 POUNDAGE AND VALUE OF THE CATCH SHOWN ABOVE INCLUDES THE FOLLOWING ITEMS OF LIVERS AND VISCERA: GRAYFISH LIVERS, 207,722 POUNDS, VALUE \$51,931; HALIBUT LIVERS, 198,206 POUNDS, VALUE \$77,300; LINGCOD LIVERS, 102,900 POUNDS, VALUE \$66,895; ROCKFISH LIVERS, 12,640 POUNDS, VALUE \$6,320; SABLEFISH LIVERS, 110,142 POUNDS, VALUE \$29,300; SOUPFIN SHARK LIVERS, 13,092 POUNDS, VALUE \$21,602; SKATE LIVERS, 18,000 POUNDS, VALUE \$1,800; UNCLASSIFIED LIVERS, 164,161 POUNDS, VALUE \$8,208; AND HALIBUT, SABLEFISH AND LINGCOD VISCERA, 230,066 POUNDS, VALUE \$43,107.

## COASTAL DISTRICT OF WASHINGTON - OPERATING UNITS, 1951

ITEM	HAUL SEINES 1/	GILL NETS			LINES		
		SALMON		SHARK	TRAWL, SET, OR HAND <u>3</u>	TROLL	
		DRIFT <u>2</u>	SET <u>1</u>			SALMON	TUNA <u>4</u>
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS . . . . .	-	8	-	-	20	409	16
ON BOATS AND SHORE . . . . .	6	336	174	1	-	181	-
TOTAL . . . . .	6	344	174	1	20	590	16
VESSELS, MOTOR . . . . .	-	6	-	-	3	212	5
NET TONNAGE . . . . .	-	39	-	-	151	2,189	110
BOATS:							
MOTOR . . . . .	2	312	135	1	-	145	-
OTHER . . . . .	-	14	15	-	-	-	-
APPARATUS:							
NUMBER . . . . .	2	332	174	1	212	1,850	30
LENGTH, YARDS . . . . .	200	-	-	-	-	-	-
SQUARE YARDS . . . . .	-	517,250	38,300	550	-	-	-
HOOKS . . . . .	-	-	-	-	4,012	9,250	30

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

# PACIFIC COAST STATES FISHERIES

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## COASTAL DISTRICT OF WASHINGTON - OPERATING UNITS 1951 - Continued

ITEM	DIP NETS 5/	OTTER TRAWLS	TRAPS, CRAB	DREDGES, OYSTER 6/	TONGS AND BY HAND, OYSTER	SHOVELS	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS . . . . .	-	27	134	58	-	-	551
ON BOATS AND SHORE . .	39	-	22	19	165	1,825	2,558
TOTAL . . . . .	39	27	156	77	165	1,825	3,109
VESSELS, MOTOR . . . . .	-	7	48	21	-	-	259
NET TONNAGE . . . . .	-	178	680	348	-	-	3,116
BOATS:							
MOTOR . . . . .	14	-	16	8	51	-	646
OTHER . . . . .	5	-	-	-	102	-	130
APPARATUS:							
NUMBER . . . . .	39	7	10,000	57	55	1,825	-
YARDS AT MOUTH . . . . .	-	105	-	114	-	-	-

- 1/ OPERATED BY INDIANS ON THEIR RESERVATIONS.  
 2/ INCLUDES 85 GILL NETS OPERATED BY INDIANS ON THEIR RESERVATIONS.  
 3/ INCLUDES 1 VESSEL OF 90 NET TONS CAPACITY AND OPERATED BY 12 FISHERMEN THAT LANDED TUNA CAUGHT IN CENTRAL AMERICAN WATERS.  
 4/ INCLUDES ONLY VESSELS THAT TROLLED EXCLUSIVELY FOR TUNA AND DID NOT TROLL FOR SALMON. A TOTAL OF 21 SALMON TROLLERS ALSO FISHED FOR TUNA.  
 5/ INCLUDES 30 DIP NETS OPERATED BY INDIANS ON THEIR RESERVATIONS.  
 6/ INCLUDES 1 SUCTION DREDGE.

## COASTAL DISTRICT OF WASHINGTON - CATCH BY GEAR, 1951

SPECIES	HAUL SEINES		GILL NETS			
			SALMON			
			DRIFT		SET 1/	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FLOUNDER, OTHER . . . . .	-	-	-	-	3,700	\$223
GRAY FISH 2/ . . . . .	-	-	19,700	\$472	300	7
PERCH . . . . .	5,300	\$447	-	-	500	44
SALMON:						
CHINOOK OR KING . . . . .	200	32	359,300	62,886	343,400	54,936
CHUM OR KETA . . . . .	-	-	1,852,900	166,760	225,500	20,299
PINK . . . . .	-	-	100	15	-	-
RED OR SOCKEYE . . . . .	-	-	-	-	276,600	138,315
SILVER OR COHO . . . . .	-	-	1,198,500	227,713	627,500	119,227
SHELLY, SURF OR SILVER . . . . .	455,500	45,552	-	-	-	-
STEELHEAD TROUT . . . . .	-	-	-	-	15,500	3,883
STURGEON . . . . .	-	-	32,700	5,236	-	-
TOTAL . . . . .	461,000	46,031	3,463,200	463,082	1,493,000	336,934

SPECIES	GILL NETS-CONTINUED		LINES			
	SHARK		TRAWL, SET, OR HAND		TROLL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
COD . . . . .	-	-	-	-	4,900	\$267
GRAY FISH 2/ . . . . .	800	\$20	-	-	-	-
HALIBUT . . . . .	-	-	200	\$34	900	146
LINGCOD . . . . .	-	-	-	-	202,500	16,201
ROCKFISHES . . . . .	-	-	200	19	166,100	5,813
SABLEFISH . . . . .	-	-	3,600	364	-	-
SALMON:						
CHINOOK OR KING . . . . .	-	-	-	-	2,717,300	815,198
CHUM OR KETA . . . . .	-	-	-	-	100	10
PINK . . . . .	-	-	-	-	34,800	5,220
RED OR SOCKEYE . . . . .	-	-	-	-	500	150
SILVER OR COHO . . . . .	-	-	-	-	2,147,000	536,744
SOUPFIN, SHARK 2/ . . . . .	200	31	-	-	-	-
TUNA:						
ALBACORE . . . . .	-	-	-	-	339,200	50,878
SKIPJACK 3/ . . . . .	-	-	40,000	5,800	-	-
YELLOWFIN 3/ . . . . .	-	-	140,000	21,700	-	-
TOTAL . . . . .	1,000	51	184,000	27,917	5,613,300	1,430,627

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

## PACIFIC COAST STATES FISHERIES

COASTAL DISTRICT OF WASHINGTON - CATCH BY GEAR  
1951 - Continued

SPECIES	DIP NETS		OTTER TRAWLS	
	POUNDS	VALUE	POUNDS	VALUE
COD. . . . .	-	-	40,600	\$2,193
FLOUNDERS:				
"SOLE" . . . . .	-	-	294,200	22,482
OTHER. . . . .	-	-	30,600	1,838
GRAYFISH <sup>2/</sup> . . . . .	-	-	18,500	444
LINGCOD. . . . .	-	-	70,700	6,365
PERCH. . . . .	600	\$50	-	-
ROCKFISHES. . . . .	-	-	278,200	15,510
SABLEFISH. . . . .	-	-	22,600	1,696
SMELT, SURF OR SILVER. . . . .	64,000	6,396	-	-
SOUFFIN, SHARK <sup>2/</sup> . . . . .	-	-	100	16
STURGEON. . . . .	-	-	100	16
TOTAL. . . . .	64,600	6,446	745,600	50,560

SPECIES	TRAPS, CRAB		DREDGES, TONGS, AND BY HAND		SHOVELS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
LINGCOD. . . . .	100	\$5	-	-	-	-
ROCKFISHES. . . . .	100	3	-	-	-	-
CRABS, DUNGENESS <sup>4/</sup> . . . . .	3,127,500	390,937	-	-	-	-
CLAMS:						
HARD <sup>5/</sup> . . . . .	-	-	-	-	11,900	\$2,377
RAZOR <sup>6/</sup> . . . . .	-	-	-	-	294,100	141,435
OYSTERS, MARKET, PACIFIC <sup>7/</sup> . . . . .	-	-	5,783,700	\$1,220,353	-	-
TOTAL. . . . .	3,127,700	390,945	5,783,700	1,220,353	306,000	143,812

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/ CAUGHT IN WATERS OFF CENTRAL AMERICA.

4/ THE WEIGHT OF CRABS SHOWN ABOVE IS BASED ON A WEIGHT OF 24 POUNDS PER DOZEN.

5/ THE STATISTICS ON HARD CLAMS ARE BASED ON YIELDS OF 25 PERCENT OF EDIBLE MEAT.

6/ THE WEIGHT OF RAZOR CLAMS IS BASED ON A YIELD OF 42 PERCENT OF EDIBLE MEAT.

7/ THE STATISTICS ON OYSTERS IN THIS TABLE ARE BASED ON YIELDS OF 12 PERCENT EDIBLE MEATS.

NOTE:--THE POUNDAGE AND VALUE OF THE CATCH SHOWN ABOVE INCLUDES THE FOLLOWING ITEMS OF LIVERS AND VISCERA: GRAYFISH LIVERS, 4,717 POUNDS, VALUE \$943; LINGCOD LIVERS, 1,006 POUNDS, VALUE \$350; SABLEFISH LIVERS, 360 POUNDS, VALUE \$91; SOUFFIN SHARK LIVERS, 29 POUNDS, VALUE \$47.

## COLUMBIA RIVER DISTRICT OF WASHINGTON - OPERATING UNITS, 1951

ITEM	HAUL SEINES	GILL NETS		LINES, TROLL, SALMON	DIP NETS <sup>1/</sup>	TRAPS, CRAB	TOTAL, EXCLUSIVE OF DUPLICATION
		SALMON	SMELT				
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS. . . . .	-	5	-	68	-	8	72
ON BOATS AND SHORE. . . . .	6	467	8	116	231	4	804
TOTAL. . . . .	6	472	8	184	231	12	876
VESSELS, MOTOR NET TONNAGE. . . . .	-	3	-	40	-	3	42
BOATS:							
MOTOR. . . . .	-	29	-	395	-	36	416
OTHER. . . . .	2	415	8	77	51	2	529
APPARATUS:							
NUMBER. . . . .	2	422	8	550	231	650	-
LENGTH, YARDS. . . . .	200	-	-	-	-	-	-
SQUARE YARDS. . . . .	-	1,350,400	3,000	-	-	-	-
HOOKS. . . . .	-	-	-	2,475	-	-	-

1/ INCLUDES 106 DIP NETS OPERATED BY INDIANS IN THE SALMON FISHERY AT CELILO FALLS.

# PACIFIC COAST STATES FISHERIES

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## COLUMBIA RIVER DISTRICT OF WASHINGTON - CATCH BY GEAR, 1951

SPECIES 1/	HAUL SEINES		GILL NETS			
			SALMON, DRIFT		SMELT	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CARP. . . . .	100	\$3	-	-	-	-
FLOUNDERS, OTHER. . . . .	-	-	2,400	\$36	-	-
ROCKFISHES. . . . .	-	-	1,200	34	-	-
SALMON:						
CHINOOK OR KING. . . . .	-	-	3,150,900	819,225	-	-
CHUM OR KETA. . . . .	-	-	262,900	26,257	-	-
RED OR SOCKEYE. . . . .	-	-	36,200	10,968	-	-
SILVER OR COHO. . . . .	-	-	346,100	61,944	-	-
SHAD. . . . .	-	-	216,300	17,306	-	-
SMELT, EULACHON. . . . .	-	-	-	-	649,200	\$97,386
STEELHEAD TROUT. . . . .	-	-	174,900	37,439	-	-
STURGEON. . . . .	-	-	111,300	25,493	-	-
<b>TOTAL. . . . .</b>	<b>100</b>	<b>3</b>	<b>4,302,200</b>	<b>998,732</b>	<b>649,200</b>	<b>97,386</b>

SPECIES 1/	LINES, TROLL 2/		DIP NETS		TRAPS, CRAB	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
	LINGCOD. . . . .	37,600	\$1,690	-	-	100
ROCKFISHES. . . . .	36,200	1,013	-	-	-	-
SALMON:						
CHINOOK OR KING. . . . .	835,300	241,325	388,600	\$101,041	-	-
CHUM OR KETA. . . . .	-	-	100	9	-	-
RED OR SOCKEYE. . . . .	-	-	14,900	4,507	-	-
SILVER OR COHO. . . . .	867,900	163,167	1,100	204	-	-
SHAD. . . . .	-	-	200	16	-	-
SMELT, EULACHON. . . . .	-	-	2,000	304	-	-
STEELHEAD TROUT. . . . .	-	-	20,300	4,353	-	-
STURGEON. . . . .	-	-	4,900	1,121	-	-
TUNA, ALBACORE. . . . .	11,900	1,791	-	-	-	-
CRABS, DUNGENESS 3/ . . . . .	-	-	-	-	155,000	18,751
<b>TOTAL. . . . .</b>	<b>1,788,900</b>	<b>408,986</b>	<b>432,100</b>	<b>111,555</b>	<b>155,100</b>	<b>18,755</b>

1/ THE FOLLOWING SPECIES LANDED IN THE COLUMBIA RIVER DISTRICT WERE CAUGHT OFF THE COAST: LINGCOD, ROCKFISH, ALBACORE TUNA, CRABS, AND MOST OF THE TROLL CAUGHT SALMON.  
 2/ A SMALL QUANTITY OF CHINOOK AND SILVER SALMON TAKEN IN A STATE OPERATED POUND NET HAVE BEEN INCLUDED WITH TROLL LINES.  
 3/ THE WEIGHT OF CRABS SHOWN IS BASED ON A WEIGHT OF 24 POUNDS PER DOZEN.

## OREGON

### CATCH BY DISTRICTS, 1951

SPECIES	COLUMBIA RIVER DISTRICT		COASTAL DISTRICT	
	POUNDS	VALUE	POUNDS	VALUE
CARP. . . . .	100	\$3	-	-
COO . . . . .	135,200	6,761	-	-
FLOUNDERS:				
SOLE. . . . .	9,005,700	562,202	4,684,400	\$287,966
OTHER. . . . .	355,800	15,074	14,600	648
GRAYFISH 1/ . . . . .	139,500	4,302	12,800	3,960
HAKE. . . . .	11,100	333	-	-
HALIBUT. . . . .	398,900	61,961	190,800	28,602
HERRING, SEA. . . . .	-	-	37,800	1,512
LAMPREY. . . . .	206,800	5,170	-	-
LINGCOD. . . . .	479,500	35,198	699,400	50,341
OCEAN PERCH. . . . .	843,700	42,184	1,012,100	50,603
PERCH. . . . .	-	-	133,600	10,688

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

## PACIFIC COAST STATES FISHERIES

## OREGON - CATCH BY DISTRICTS, 1951 - Continued

SPECIES	COLUMBIA RIVER DISTRICT		COASTAL DISTRICT	
	POUNDS	VALUE	POUNDS	VALUE
ROCKFISHES . . . . .	3,015,200	\$150,447	680,300	\$28,688
SABLEFISH . . . . .	239,500	15,853	474,500	33,659
SALMON:				
CHINOOK OR KING . . . . .	6,955,600	1,822,856	2,353,700	698,612
CHUM OR KETA . . . . .	269,400	26,940	346,100	34,608
RED OR SOCKEYE . . . . .	118,400	35,875	-	-
SILVER OR COHO . . . . .	1,210,400	223,148	2,653,800	537,678
SHAD . . . . .	209,200	16,736	942,800	65,051
SHARK:				
SOUPFIN . . . . .	7,500	2,041	200	59
OTHER . . . . .	5,400	26	-	-
SKATES . . . . .	38,300	605	-	-
SMELT, EULACHON . . . . .	831,000	131,128	-	-
STEELHEAD TROUT . . . . .	1,011,200	216,397	12,800	2,308
STRIPED BASS . . . . .	-	-	28,100	2,249
STURGEON . . . . .	142,200	32,810	400	28
TUNA:				
ALBACORE . . . . .	2,020,800	303,120	929,100	139,360
SKIPJACK . . . . .	664,900	96,410	-	-
YELLOWFIN . . . . .	1,095,200	169,756	-	-
CRABS, DUNGENESS . . . . .	1,665,500	201,529	5,786,500	746,458
CRAWFISH, FRESH-WATER . . . . .	27,600	5,826	-	-
CLAMS:				
RAZOR . . . . .	-	-	105,100	60,279
MIXED . . . . .	-	-	37,300	8,876
OCTOPUS . . . . .	1,000	40	-	-
OYSTERS, MARKET, PACIFIC . . . . .	-	-	805,100	206,914
TOTAL . . . . .	31,104,600	4,184,731	21,941,300	2,999,147

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

## COLUMBIA RIVER DISTRICT OF OREGON - OPERATING UNITS, 1951

ITEM	PURSE SEINES, TUNA 1/	HAUL SEINES	GILL NETS			LINES	
			SALMON, DRIFT	SHARK	SMELT	TRAWL, SET, OR HAND 2/	TROLL
							SALMON
NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	
FISHERMEN:							
ON VESSELS . . . . .	12	-	4	7	-	71	201
ON BOATS AND SHORE . . . . .	-	2	640	-	66	50	153
TOTAL . . . . .	12	2	644	7	66	121	354
VESSELS, MOTOR . . . . .	1	-	2	4	-	17	109
NET TONNAGE . . . . .	82	-	37	71	-	522	1,118
BOATS:							
MOTOR . . . . .	-	-	582	-	66	41	96
OTHER . . . . .	-	1	-	-	-	7	-
ACCESSORY BOATS . . . . .	1	-	-	-	-	-	-
APPARATUS:							
NUMBER . . . . .	1	1	584	105	66	991	1,038
LENGTH, YARDS . . . . .	650	100	-	-	-	-	-
SQUARE YARDS . . . . .	-	-	1,870,000	92,000	24,750	-	-
HOOKS . . . . .	-	-	-	-	-	25,932	4,675

ITEM	LINES-CONT'D.	OIP NETS 4/	OTTER TRAWLS	TRAPS		TOTAL, EXCLUSIVE OF DUPLICATION
	TROLL-CONT'D.			CRAB	CRAWFISH	
	TUNA 3/					
NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	
FISHERMEN:						
ON VESSELS . . . . .	339	-	155	69	-	759
ON BOATS AND SHORE . . . . .	-	553	-	20	16	1,437
TOTAL . . . . .	339	553	155	89	16	2,196
VESSELS, MOTOR . . . . .	103	-	40	25	-	260
NET TONNAGE . . . . .	2,582	-	1,132	336	-	5,189
BOATS:						
MOTOR . . . . .	-	-	-	10	9	748
OTHER . . . . .	-	-	-	-	5	11

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

# PACIFIC COAST STATES FISHERIES

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## COLUMBIA RIVER DISTRICT OF OREGON - OPERATING UNITS

1951 - Continued

ITEM	LINES-CONT'D.		DIP NETS 4/	OTTER TRAWLS	TRAPS		TOTAL, EXCLUSIVE OF DUPLICATION
	TROLL-CONT'D.				CRAB	CRAWFISH	
	TUNA 3/						
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	
ACCESSORY BOATS . . . . .	-	-	-	-	-	-	1
APPARATUS:							
NUMBER . . . . .	628	553	40	6,900	850	-	
YARDS AT MOUTH . . . . .	-	-	600	-	-	-	
HOOKS . . . . .	628	-	-	-	-	-	

- 1/ OPERATED IN THE TUNA FISHERY OFF CENTRAL AMERICA. THE CATCH WAS SHIPPED TO OREGON AS A PRODUCT OF AMERICAN FISHERIES.
- 2/ INCLUDES 4 VESSELS THAT ENGAGED IN THE TUNA FISHERY OFF CENTRAL AMERICA.
- 3/ INCLUDES VESSELS THAT TROLLED EXCLUSIVELY FOR TUNA. A TOTAL OF 26 SALMON TROLLERS ALSO FISHED FOR TUNA.
- 4/ INCLUDES 390 DIP NETS OPERATED BY INDIANS IN THE SALMON FISHERY AT CELILO FALLS.
- NOTE:--A POUND NET OPERATED IN THE COLUMBIA RIVER BY THE STATE DEPARTMENT OF FISHERIES FOR EXPERIMENTAL PURPOSES HAS BEEN DELETED SINCE THE CATCH WAS NEGLIGIBLE, POUND NETS ARE ILLEGAL, AND IT WAS NOT PRIMARILY A COMMERCIAL OPERATION.

## COLUMBIA RIVER DISTRICT OF OREGON - CATCH BY GEAR, 1951

SPECIES 1/	PURSE SEINES		HAUL SEINES		GILL NETS	
	POUNDS	VALUE	POUNDS	VALUE	SALMON, DRIFT	
					POUNDS	VALUE
CARP . . . . .	-	-	100	\$3	-	-
FLOUNDER, OTHER . . . . .	-	-	-	-	60,800	\$912
SALMON:						
CHINOOK OR KING . . . . .	-	-	-	-	5,401,700	1,404,442
CHUM OR KETA . . . . .	-	-	-	-	269,400	26,940
RED OR SOCKEYE . . . . .	-	-	-	-	101,000	30,603
SILVER OR COHO . . . . .	-	-	-	-	618,700	110,747
SHAD . . . . .	-	-	-	-	209,200	16,736
STEELHEAD TROUT . . . . .	-	-	-	-	776,200	166,107
STURGEON . . . . .	-	-	-	-	109,400	25,053
TUNA:						
SKIPJACK 3/ . . . . .	140,000	\$20,300	-	-	-	-
YELLOWFIN 3/ . . . . .	64,100	9,936	-	-	-	-
<b>TOTAL . . . . .</b>	<b>204,100</b>	<b>30,236</b>	<b>100</b>	<b>3</b>	<b>7,546,400</b>	<b>1,781,540</b>

SPECIES 1/	GILL NETS - CONTINUED			
	SHARK		SMELT	
	POUNDS	VALUE	POUNDS	VALUE
SHARK:				
SOUPFIN 2/ . . . . .	7,500	\$2,041	-	-
OTHER 2/ . . . . .	5,400	26	-	-
SMELT, EULACHON . . . . .	-	-	647,800	\$103,648
<b>TOTAL . . . . .</b>	<b>12,900</b>	<b>2,067</b>	<b>647,800</b>	<b>103,648</b>

SPECIES 1/	LINES				DIP NETS	
	TRAWL, SET, OR HAND		TROLL		POUNDS	VALUE
	POUNDS	VALUE	POUNDS	VALUE		
FLOUNDER, "SOLE" . . . . .	900	\$80	-	-	-	-
HALIBUT . . . . .	398,900	61,961	-	-	206,800	\$5,170
LAMPREY . . . . .	-	-	-	-	-	-
LINGCOD . . . . .	42,300	3,254	27,300	\$1,227	-	-
ROCKFISHES . . . . .	16,100	803	14,200	397	-	-
SABLEFISH . . . . .	23,600	1,818	-	-	-	-
SALMON:						
CHINOOK OR KING . . . . .	-	-	464,500	135,170	1,089,400	293,244
RED OR SOCKEYE . . . . .	-	-	-	-	17,400	5,272
SILVER OR COHO . . . . .	-	-	589,700	112,043	2,000	359

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

## PACIFIC COAST STATES FISHERIES

## COLUMBIA RIVER DISTRICT OF OREGON - CATCH BY GEAR

1951 - Continued

SPECIES 1/	LINES - CONTINUED				DIP NETS	
	TRAWL, SET, OR HAND		TROLL			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
SMELT, EULACHON. . . . .	-	-	-	-	183,200	\$27,480
STEELHEAD TROUT. . . . .	-	-	-	-	235,000	50,290
STURGEON. . . . .	15,000	\$3,870	100	\$23	13,900	3,586
TUNA:						
ALBACORE. . . . .	-	-	2,020,800	303,120	-	-
SKIPJACK 3/. . . . .	524,900	76,110	-	-	-	-
YELLOWFIN 3/. . . . .	1,031,100	159,820	-	-	-	-
TOTAL. . . . .	2,052,800	307,716	3,116,600	551,980	1,747,700	375,400

SPECIES 1/	OTTER TRAWLS		TRAPS			
			CRAB		CRAWFISH	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
COD. . . . .	135,200	\$6,761	-	-	-	-
FLOUNDER <sup>2/</sup> :						
SOLE. . . . .	9,004,800	562,122	-	-	-	-
OTHER. . . . .	295,000	14,162	-	-	-	-
GRAYFISH 2/. . . . .	139,500	4,302	-	-	-	-
HAKE. . . . .	11,100	333	-	-	-	-
LINGCOD. . . . .	409,100	30,682	800	\$35	-	-
OCEAN PERCH. . . . .	843,700	42,184	-	-	-	-
ROCKFISHES. . . . .	2,984,900	149,247	-	-	-	-
SABLEFISH. . . . .	215,900	14,035	-	-	-	-
SKATES. . . . .	38,300	605	-	-	-	-
STURGEON. . . . .	3,800	278	-	-	-	-
CRABS, DUNGESS 4/. . . . .	-	-	1,665,500	201,529	-	-
CRAWFISH, FRESH-WATER. . . . .	-	-	-	-	27,600	\$5,826
OCTOPUS. . . . .	1,000	40	-	-	-	-
TOTAL. . . . .	14,082,300	824,751	1,666,300	201,564	27,600	5,826

1/ OF THE ABOVE SPECIES THE FOLLOWING ARE TAKEN OFF THE COAST BUT LANDED IN THE COLUMBIA RIVER DISTRICT: COD, SOLE, GRAYFISH, HAKE, HALIBUT, LINGCOD, ROCKFISHES, OCEAN PERCH, SABLEFISH, SHARK, SKATE, ALBACORE TUNA, CRABS, SOME OF THE STURGEON, MOST OF THE FLOWNDERS, AND TROLL CAUGHT SALMON.

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

3/ CAUGHT IN WATERS OFF CENTRAL AMERICA, BUT SHIPPED TO OREGON AS PRODUCTS OF AMERICAN FISHERIES.

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

NOTE:--THE POUNDAGE AND VALUE OF THE CATCH SHOWN ABOVE INCLUDES THE FOLLOWING ITEMS OF LIVERS AND VISCERA: GRAYFISH LIVERS, 16,740 POUNDS, VALUE \$4,302; HALIBUT LIVERS, 4,923 POUNDS, VALUE \$1,969; LINGCOD LIVERS, 5,229 POUNDS, VALUE \$3,812; SABLEFISH LIVERS, 993 POUNDS, VALUE \$196; SOUPFIN SHARK LIVERS, 903 POUNDS, VALUE \$2,041; OTHER SHARK LIVERS, 649 POUNDS, VALUE \$26; SKATE LIVERS, 838 POUNDS, VALUE \$83; AND HALIBUT VISCERA, 1,010 POUNDS, VALUE \$202.

## COASTAL DISTRICT OF OREGON - OPERATING UNITS, 1951

ITEM	HAUL SEINES	GILL NETS			LINES		
		SALMON		SHARK	TRAWL, SET, OR HAND	TROLL	
		DRIFT	SET			SALMON	TUNA 1/
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS. . . . .	-	6	-	3	29	378	63
ON BOATS AND SHORE. . . . .	-	371	106	-	6	263	-
TOTAL. . . . .	12	377	106	3	35	641	63
VESSELS, MOTOR. . . . .	-	3	-	1	9	213	27
NET TONNAGE. . . . .	-	36	-	14	156	2,205	670
BOATS:							
MOTOR. . . . .	4	361	81	-	3	204	1
OTHER. . . . .	4	5	16	-	-	-	-
APPARATUS:							
NUMBER. . . . .	4	369	319	25	530	2,084	170
LENGTH, YARDS. . . . .	660	-	-	-	-	-	-
SQUARE YARDS. . . . .	-	526,000	92,500	22,000	-	-	-
HOOKS. . . . .	-	-	-	-	10,600	9,375	170

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

# PACIFIC COAST STATES FISHERIES

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## COASTAL DISTRICT OF OREGON - OPERATING UNITS, 1951 - Continued

ITEM	OTTER TRAWLS	TRAPS, CRAB	DREDGES, OYSTER	TONGS AND BY HAND, OYSTER	SHOVELS	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS . . . . .	67	118	3	-	-	566
ON BOATS AND SHORE . . . . .	-	60	8	53	760	1,470
TOTAL . . . . .	67	178	11	53	760	2,036
VESSELS, MOTOR . . . . .	19	50	1	-	-	265
NET TONNAGE . . . . .	469	534	15	-	-	3,460
BOATS:						
MOTOR . . . . .	-	47	3	8	-	615
OTHER . . . . .	-	-	-	10	-	33
APPARATUS:						
NUMBER . . . . .	19	12,300	8	18	760	-
YARDS AT MOUTH . . . . .	285	-	16	-	-	-

1/ INCLUDES ONLY VESSELS THAT TROLLED EXCLUSIVELY FOR TUNA AND DID NOT TROLL FOR SALMON. A TOTAL OF 13 SALMON TROLLERS ALSO FISHED FOR TUNA.

## COASTAL DISTRICT OF OREGON - CATCH BY GEAR, 1951

SPECIES	HAUL SEINES		GILL NETS			
			SALMON		SHARK	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FLOUNDER, OTHER THAN SOLE	-	-	1,600	\$24	-	-
HERRING, SEA . . . . .	37,800	\$1,512	-	-	-	-
PERCH . . . . .	133,600	10,688	-	-	-	-
SALMON:						
CHINOOK OR KING . . . . .	-	-	218,400	45,209	-	-
CHUM OR KETA . . . . .	-	-	345,800	34,578	-	-
SILVER OR COHO . . . . .	-	-	968,200	182,022	-	-
SHAD . . . . .	-	-	942,800	65,051	-	-
SHARK, SOUPFIN 1/	-	-	-	-	200	\$59
STEELHEAD TROUT . . . . .	-	-	12,800	2,308	-	-
STRIPED BASS . . . . .	-	-	28,100	2,249	-	-
STURGEON . . . . .	-	-	200	15	-	-
TOTAL . . . . .	171,400	12,200	2,517,900	331,456	200	59

SPECIES	LINES				OTTER TRAWLS	
	TRAWL, SET, OR HAND		TROLL			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FLOWNERS:						
SOLE . . . . .	2,800	\$227	-	-	4,681,600	\$287,739
OTHER . . . . .	-	-	-	-	13,000	624
GRAYFISH 1/ . . . . .	-	-	-	-	12,800	3,960
HALIBUT . . . . .	189,600	29,424	1,200	\$178	604,300	44,819
LINGCOD . . . . .	28,600	2,200	66,000	3,298	1,012,100	50,603
OCEAN PERCH . . . . .	-	-	-	-	617,400	25,931
ROCKFISHES . . . . .	43,600	2,179	19,300	578	167,800	10,068
SABLEFISH . . . . .	306,700	23,591	-	-	-	-
SALMON:						
CHINOOK OR KING . . . . .	-	-	2,135,300	653,403	-	-
CHUM OR KETA . . . . .	-	-	300	30	-	-
SILVER OR COHO . . . . .	-	-	1,685,600	355,656	-	-
STURGEON . . . . .	-	-	200	13	-	-
TUNA, ALBACORE . . . . .	-	-	929,100	139,360	-	-
TOTAL . . . . .	571,300	56,621	4,837,000	1,152,516	7,109,000	423,744

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

## PACIFIC COAST STATES FISHERIES

## COASTAL DISTRICT OF OREGON - CATCH BY GEAR, 1951 - Continued

SPECIES	TRAPS, CRAB		DREDGES, TONGS, AND BY HAND		SHOVELS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
LINGCOD . . . . .	500	\$24	-	-	-	-
CRABS, DUNGENESS <sup>2/</sup> . . . . .	5,786,500	746,458	-	-	-	-
CLAMS:						
RAZOR <sup>3/</sup> . . . . .	-	-	-	-	105,100	\$60,279
MIXED <sup>4/</sup> . . . . .	-	-	-	-	37,300	8,876
OYSTERS, MARKET, PACIFIC <sup>5/</sup>	-	-	805,100	\$206,914	-	-
TOTAL . . . . .	5,787,000	746,482	805,100	206,914	142,400	69,155

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

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

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

<sup>4/</sup> 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.

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

NOTE:--THE POUNDAGE AND VALUE OF THE CATCH SHOWN ABOVE INCLUDES THE FOLLOWING ITEMS OF LIVERS: HALIBUT LIVERS, 2,285 POUNDS, VALUE \$914; LINGCOD LIVERS, 3,904 POUNDS, VALUE \$2,850; ROCKFISH LIVERS, 211 POUNDS, VALUE \$105; SABLEFISH LIVERS, 5,218 POUNDS, VALUE \$1,044; GRAYFISH LIVERS, 1,541 POUNDS, VALUE \$3,960; AND SOUPFIN SHARK LIVERS, 26 POUNDS, VALUE \$59.

## CALIFORNIA

## CATCH BY DISTRICTS, 1951

SPECIES	NORTHERN DISTRICT		SAN FRANCISCO DISTRICT		MONTEREY DISTRICT	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ANCHOVIES . . . . .	-	-	284,100	\$8,722	5,050,100	\$99,992
CABEZONE . . . . .	-	-	1,300	40	19,000	504
CARP . . . . .	63,200	\$474	828,600	39,531	-	-
CATFISH . . . . .	-	-	238,100	50,792	-	-
FLOUNDERS:						
"CALIFORNIA HALIBUT" <sup>1</sup>	-	-	6,500	1,314	64,400	14,120
"SOLE" . . . . .	12,247,600	808,344	4,684,200	344,285	797,900	60,959
OTHER . . . . .	657,800	36,220	967,700	45,993	128,200	9,810
GROUPER . . . . .	-	-	6,700	402	-	-
HAKE . . . . .	-	-	25,000	312	-	-
HALIBUT . . . . .	28,100	6,332	58,600	14,346	-	-
HERRING, SEA . . . . .	53,000	1,336	3,672,400	29,195	1,192,300	22,773
JACK MACKEREL . . . . .	200	10	200	10	777,500	28,845
KINGFISH . . . . .	-	-	7,900	476	222,400	16,661
LINGCOD . . . . .	937,600	83,303	583,600	46,398	127,100	11,783
MACKEREL . . . . .	-	-	-	-	357,900	16,858
PERCH . . . . .	45,900	5,987	78,800	10,524	37,900	3,017
PILCHARD . . . . .	-	-	165,100	3,815	1,757,100	52,887
POMPANO . . . . .	-	-	1,400	770	31,400	14,774
ROCKFISHES . . . . .	4,573,600	234,626	2,204,200	105,804	3,176,300	210,902
SABLEFISH . . . . .	1,220,300	118,249	265,900	18,316	1,038,200	52,533
SALMON . . . . .	2,002,400	520,130	4,508,600	1,227,439	679,100	224,383
SEA BASS, WHITE . . . . .	-	-	2,400	498	38,700	8,078
SHAD . . . . .	-	-	606,100	38,365	100	6
SHARKS, INCLUDING GRAYFISH	1,800	385	80,500	4,259	8,900	492
SKATES . . . . .	200	3	62,100	963	11,300	320
SHELT . . . . .	260,700	16,453	422,200	29,911	197,600	10,767
SQUANFISH . . . . .	-	-	200	13	-	-
SWORDFISH . . . . .	-	-	500	239	500	216
TOMCOD . . . . .	600	30	1,400	78	-	-
TUNA AND TUNALIKE FISHES:						
ALBACORE . . . . .	2,051,500	259,001	2,680,400	430,767	2,966,700	390,127
BLUEFIN . . . . .	-	-	-	-	67,100	10,061
BONITO . . . . .	-	-	-	-	7,500	702
SKIPJACK OR STRIPED . . . . .	-	-	4,800	695	89,700	12,884
YELLOWFIN . . . . .	-	-	202,000	29,906	18,800	2,910

(CONTINUED ON NEXT PAGE)

# PACIFIC COAST STATES FISHERIES

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## CALIFORNIA - CATCH BY DISTRICTS, 1951 - Continued

SPECIES	NORTHERN DISTRICT		SAN FRANCISCO DISTRICT		MONTEREY DISTRICT	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
WHITETAIT . . . . .	111,300	\$10,824	38,200	\$3,497	12,600	\$1,462
UNCLASSIFIED . . . . .	39,600	1,952	57,700	2,530	9,000	622
CRABS:						
DUNGENESS . . . . .	7,790,800	1,040,072	3,551,900	546,285	14,900	2,863
ROCK . . . . .	-	-	1,000	50	-	-
SHRIMP . . . . .	-	-	931,300	63,796	2,700	1,078
ABALONE . . . . .	-	-	1,600	1,152	-	-
CLAMS, HARD . . . . .	1,300	511	-	-	800	208
OCTOPUS . . . . .	2,800	140	12,700	586	12,700	1,274
OYSTERS, MARKET:						
EASTERN . . . . .	-	-	25,000	28,460	-	-
PACIFIC . . . . .	-	-	15,900	14,385	-	-
WESTERN . . . . .	-	-	2,200	2,804	-	-
SQUID . . . . .	-	-	-	-	11,632,500	318,730
WHALE PRODUCTS:						
MEAL . . . . .	170,000	10,000	-	-	-	-
OIL:						
WHALE . . . . .	138,800	12,700	-	-	-	-
SPERM . . . . .	375,000	37,500	-	-	-	-
TOTAL . . . . .	32,774,100	3,204,382	27,289,000	3,147,723	30,548,900	1,603,621

SPECIES	SANTA BARBARA DISTRICT		SAN PEDRO DISTRICT		SAN DIEGO DISTRICT	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ANCHOVIES . . . . .	201,600	\$3,346	1,406,400	\$30,940	12,700	\$660
BARRACUDA . . . . .	94,600	10,309	1,396,000	246,678	616,100	99,752
CABEZONE . . . . .	3,600	173	-	-	-	-
CABRILLA . . . . .	-	-	338,700	52,262	53,100	7,052
CARP . . . . .	-	-	40,500	1,215	-	-
FLOUNDERS:						
"CALIFORNIA HALIBUT"	214,500	49,689	304,000	76,277	276,500	57,241
"SOLE" . . . . .	488,400	39,417	6,300	1,060	500	92
OTHER . . . . .	9,800	633	19,000	3,121	200	28
FLYINGFISH . . . . .	-	-	53,200	4,193	300	24
GROUPER . . . . .	-	-	522,800	106,820	54,200	10,127
JACK MACKEREL . . . . .	5,207,300	92,690	83,810,600	1,894,119	42,300	728
MACKEREL . . . . .	4,100	189	412,400	23,636	35,400	3,287
LINGCOD . . . . .	21,100	2,217	2,200	340	500	56
MULLET . . . . .	776,700	19,028	32,000,000	881,601	383,800	14,661
PERCH . . . . .	9,400	1,468	3,400	137	104,400	6,787
PILCHARD . . . . .	74,972,900	1,566,934	68,200	13,640	-	-
POMPANO . . . . .	6,700	1,530	246,572,600	5,547,883	5,425,000	75,951
ROCK BASS . . . . .	33,800	3,353	23,700	5,017	1,000	207
ROCKFISHES . . . . .	268,100	23,597	237,000	40,213	17,800	2,001
SABLEFISH . . . . .	1,200	57	726,000	73,760	43,900	5,957
SALMON . . . . .	1,800	724	59,400	10,191	100	14
SCULPIN . . . . .	600	54	500	162	300	124
SEA BASS:			83,700	15,949	17,100	2,409
BLACK . . . . .	1,200	163	151,700	25,099	124,600	20,242
WHITE . . . . .	311,700	72,977	841,700	211,976	338,500	71,091
SHARKS, INCLUDING GRAYFISH	413,100	27,476	149,800	18,095	188,200	19,610
SHEEPSHEAD . . . . .	18,500	1,623	14,300	1,225	28,600	2,671
SKATES . . . . .	3,500	164	7,000	366	500	46
SMELT . . . . .	1,200	102	203,400	10,436	10,400	848
SQUAMFISH . . . . .	-	-	700	22	-	-
SPANISH MACKEREL . . . . .	-	-	19,000	2,214	600	59
SWORDFISH . . . . .	30,000	12,085	152,300	68,087	44,700	19,896
TUNA AND TUNALIKE FISHES:						
ALBACORE . . . . .	156,200	21,006	7,104,400	1,141,683	15,956,100	2,624,779
BLUEFIN . . . . .	400	62	3,403,900	533,734	391,000	60,170
BONITO . . . . .	6,400	564	639,400	61,897	123,500	11,102
SKIPJACK OR STRIPED . . . . .	-	-	53,601,100	7,557,825	62,198,500	8,981,456
YELLOWFIN . . . . .	-	-	73,691,700	11,363,254	86,333,700	13,373,083
WHITETAIL . . . . .	8,000	1,017	5,400	546	4,800	306
YELLOWTAIL . . . . .	-	-	3,836,300	365,219	833,400	78,089
UNCLASSIFIED . . . . .	6,800	495	49,600	11,006	3,000	231
CRABS:						
DUNGENESS . . . . .	210,800	32,326	-	-	-	-
ROCK . . . . .	2,900	83	13,000	1,312	5,700	359
LOBSTERS, SPINY . . . . .	331,400	99,083	361,000	149,563	132,200	53,221
ABALONE . . . . .	268,400	158,572	485,500	184,236	61,300	20,636
CLAMS, HARD . . . . .	-	-	-	-	16,300	18,465
OCTOPUS . . . . .	500	40	500	99	-	-
OYSTERS, MARKET, PACIFIC	200	92	-	-	-	-
SQUID . . . . .	300	40	749,400	17,310	700	57
TOTAL . . . . .	84,087,700	2,243,358	513,567,700	30,754,588	173,881,500	25,643,575

## PACIFIC COAST STATES FISHERIES

## CALIFORNIA - CATCH BY WATERS, 1951

SPECIES	OFF CALIFORNIA		OFF LATIN AMERICA	
	POUNDS	VALUE	POUNDS	VALUE
ANCHOVIES . . . . .	6,954,900	\$143,660	-	-
BARRACUDA . . . . .	669,800	107,855	1,436,900	\$248,684
CABEZONE . . . . .	23,900	717	-	-
CABRILLA . . . . .	-	-	391,800	59,314
CARP . . . . .	932,300	41,220	-	-
CATFISH . . . . .	238,100	50,792	-	-
FLOUNDERS:				
" CALIFORNIA HALIBUT "	643,300	151,364	222,600	47,277
" SOLE " . . . . .	18,224,900	1,254,157	-	-
OTHER . . . . .	1,782,700	95,805	-	-
FLYINGFISH . . . . .	53,500	4,217	-	-
GROUPEL . . . . .	-	-	583,700	117,349
HAKE . . . . .	25,000	312	-	-
HALIBUT . . . . .	86,700	20,678	-	-
HERRING, SEA . . . . .	4,917,700	53,304	-	-
JACK MACKEREL . . . . .	89,838,100	2,016,402	-	-
KINGFISH . . . . .	682,000	44,226	200	23
LINGCOD . . . . .	1,672,100	144,097	-	-
MACKEREL . . . . .	33,518,400	932,148	-	-
MULLET . . . . .	107,800	6,924	-	-
PERCH . . . . .	233,800	33,532	6,400	1,304
PILCHARD . . . . .	328,892,100	7,247,456	600	14
POMPANO . . . . .	64,200	22,298	-	-
ROCK BASS . . . . .	91,100	10,912	207,500	34,655
ROCKFISHES . . . . .	10,979,500	652,963	12,600	1,683
SABLEFISH . . . . .	2,585,000	199,346	100	14
SALMON . . . . .	7,192,700	1,972,962	-	-
SCULPIN . . . . .	101,100	18,363	300	49
SEA BASS:				
BLACK . . . . .	8,600	1,380	268,900	44,124
WHITE . . . . .	955,100	228,268	577,900	136,352
SHAD . . . . .	606,200	38,371	-	-
SHARKS, INCLUDING GRAYFISH	796,800	65,291	45,500	5,026
SHEEPSHEAD . . . . .	57,200	5,143	4,200	376
SKATES . . . . .	84,600	1,862	-	-
SMELT . . . . .	1,095,500	68,537	-	-
SQUAWFISH . . . . .	900	35	-	-
SPANISH MACKEREL . . . . .	-	-	19,600	2,273
SWORDFISH . . . . .	197,400	86,803	30,600	13,670
TOMCOD . . . . .	2,000	108	-	-
TUNA AND TUNALIKE FISHES:				
ALBACORE . . . . .	13,293,700	1,980,581	17,621,600	2,886,782
BLUEFIN . . . . .	837,200	131,092	3,025,200	472,935
BONITO . . . . .	54,000	5,169	722,800	69,096
SKIPJACK OR STRIPED . . . . .	600	86	115,693,500	16,552,774
YELLOWFIN . . . . .	-	-	160,246,200	24,769,155
WHITEBAIT . . . . .	162,100	15,583	-	-
WHITESH . . . . .	12,900	1,495	5,300	374
YELLOWTAIL . . . . .	14,400	1,340	4,655,300	441,967
UNCLASSIFIED . . . . .	160,000	15,944	5,700	892
CRABS:				
DUNGENESS . . . . .	11,568,400	1,621,546	-	-
ROCK . . . . .	22,600	1,803	-	-
LOBSTERS, SPINY . . . . .	824,600	301,867	-	-
SHRIMP . . . . .	934,000	64,874	-	-
ABALONE . . . . .	816,800	364,596	-	-
CLAMS, HARD . . . . .	18,400	19,184	-	-
OCTOPUS . . . . .	29,200	2,139	-	-
OYSTERS, MARKET:				
EASTERN . . . . .	25,000	28,460	-	-
PACIFIC . . . . .	16,100	14,477	-	-
WESTERN . . . . .	2,200	2,804	-	-
SQUID . . . . .	12,382,200	336,080	700	57
WHALE PRODUCTS:				
MEAL . . . . .	170,000	10,000	-	-
OIL:				
WHALE . . . . .	138,800	12,700	-	-
SPERM . . . . .	375,000	37,500	-	-
TOTAL . . . . .	556,163,200	20,690,828	305,985,700	45,906,419

# PACIFIC COAST STATES FISHERIES

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## NORTHERN DISTRICT OF CALIFORNIA - OPERATING UNITS, 1951

ITEM	SEINES, CARP	GILL NETS		LINES			
		SHARK	OTHER	TRAWL, SET, OR HAND		TROLL	
				ALBACORE	OTHER	ALBACORE	SALMON
		NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS . . . . .	-	-	6	66	72	580	350
ON BOATS AND SHORE . . .	3	2	29	-	61	58	315
TOTAL . . . . .	3	2	35	66	133	638	665
VESSELS, MOTOR . . . . .	-	-	5	14	35	190	191
NET TONNAGE . . . . .	-	-	40	249	362	3,112	1,833
BOATS, MOTOR . . . . .	1	1	14	-	39	41	211
ACCESSORY BOATS . . . . .	1	-	-	14	-	-	-
APPARATUS:							
NUMBER . . . . .	1	1	21	66	1,264	1,676	2,201
LENGTH, YARDS . . . . .	125	-	-	-	-	-	-
SQUARE YARDS . . . . .	-	10,000	20,900	-	-	-	-
HOOKS . . . . .	-	-	-	66	54,368	1,676	9,186

ITEM	DIP NETS	OTTER TRAWLS	TRAPS, CRAB	HARPOONS, WHALE	SHOVELS, CLAM	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS . . . . .	7	191	201	6	-	1,165
ON BOATS AND SHORE . . .	17	12	97	-	4	378
TOTAL . . . . .	24	203	298	6	4	1,543
VESSELS, MOTOR . . . . .	4	40	101	1	-	417
NET TONNAGE . . . . .	28	1,082	984	134	-	6,181
BOATS, MOTOR . . . . .	7	3	62	-	2	238
ACCESSORY BOATS . . . . .	-	-	-	-	-	15
APPARATUS:						
NUMBER . . . . .	24	43	10,126	1	4	-
YARDS AT MOUTH . . . . .	-	636	-	-	-	-

## NORTHERN DISTRICT OF CALIFORNIA - CATCH BY GEAR, 1951

SPECIES	SEINES		GILL NETS		LINES		DIP NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CARP . . . . .	63,200	\$474	-	-	-	-	-	-
FLOUNDERS, "SOLE" . . . . .	-	-	-	-	200	\$14	-	-
HALIBUT . . . . .	-	-	-	-	28,000	6,302	-	-
HERRING, SEA . . . . .	-	-	53,000	\$1,336	-	-	-	-
LINGCOD . . . . .	-	-	-	-	209,200	18,589	-	-
PERCH . . . . .	-	-	44,200	5,759	-	-	1,700	\$228
ROCKFISHES . . . . .	-	-	-	-	187,700	9,629	-	-
SABLEFISH . . . . .	-	-	-	-	610,600	59,169	-	-
SALMON . . . . .	-	-	-	-	2,002,400	520,130	-	-
SHARKS . . . . .	-	-	500	196	700	89	-	-
SMELT . . . . .	-	-	146,700	9,256	-	-	114,000	7,197
TUNA, ALBACORE . . . . .	-	-	-	-	2,051,500	259,001	-	-
WHITEBAIT . . . . .	-	-	400	40	-	-	110,500	10,541
UNCLASSIFIED . . . . .	-	-	-	-	31,700	1,562	-	-
TOTAL . . . . .	63,200	474	244,800	16,587	5,122,000	874,485	226,200	17,966

(CONTINUED ON NEXT PAGE)

## PACIFIC COAST STATES FISHERIES

## NORTHERN DISTRICT OF CALIFORNIA - CATCH BY GEAR

1951 - Continued

SPECIES	OTTER TRAWLS		TRAPS		HARPOONS		SHOVELS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FLOUNDERs:								
SOLE . . . . .	12,247,400	\$808,330	-	-	-	-	-	-
OTHER . . . . .	657,800	36,220	-	-	-	-	-	-
HALIBUT . . . . .	100	30	-	-	-	-	-	-
JACK MACKEREL . . . . .	200	10	-	-	-	-	-	-
LINGCOD . . . . .	728,400	64,714	-	-	-	-	-	-
ROCKFISHES . . . . .	4,385,900	224,997	-	-	-	-	-	-
SABLEFISH . . . . .	609,700	59,080	-	-	-	-	-	-
SHARKS . . . . .	600	100	-	-	-	-	-	-
SKATES . . . . .	200	3	-	-	-	-	-	-
TOMCOD . . . . .	600	30	-	-	-	-	-	-
WHITEBAIT . . . . .	400	43	-	-	-	-	-	-
UNCLASSIFIED . . . . .	7,900	390	-	-	-	-	-	-
CRABS, DUNGNESS . . . . .	54,800	7,320	7,736,000	\$1,032,752	-	-	-	-
CLAMS, HARD . . . . .	-	-	700	34	-	-	1,300	\$511
OCTOPUS . . . . .	2,100	106	-	-	-	-	-	-
WHALE PRODUCTS:								
MEAL . . . . .	-	-	-	-	170,000	\$10,000	-	-
OIL:								
WHALE . . . . .	-	-	-	-	138,800	12,700	-	-
SPERM . . . . .	-	-	-	-	375,000	37,500	-	-
TOTAL . . . . .	18,696,100	1,201,373	7,736,700	1,032,786	683,800	60,200	1,300	511

## SAN FRANCISCO DISTRICT OF CALIFORNIA - OPERATING UNITS, 1951

ITEM	SEINES		GILL NETS				
	PILCHARD	OTHER	SALMON	SEA BASS	SHAD	SHARK	OTHER
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS . . . . .	19	6	2	-	-	23	31
ON BOATS AND SHORE . . . . .	-	46	366	7	144	27	69
TOTAL . . . . .	19	52	368	7	144	50	100
VESSELS, MOTOR . . . . .	2	3	1	-	-	10	10
NET TONNAGE . . . . .	95	25	15	-	-	111	247
BOATS, MOTOR . . . . .	-	14	186	3	73	12	32
ACCESSORY BOATS . . . . .	2	17	-	-	-	-	-
APPARATUS:							
NUMBER . . . . .	2	17	187	3	73	22	50
LENGTH, YARDS . . . . .	900	2,075	-	-	-	-	-
SQUARE YARDS . . . . .	-	-	794,900	6,745	342,516	196,000	50,400

ITEM	LINES						FYKE NETS	DIP NETS
	TRAWL, SET, OR HAND			TROLL				
	ALBACORE	YELLOWFIN	OTHER	ALBACORE	SALMON			
FISHERMEN:								
ON VESSELS . . . . .	166	6	52	607	577	2	2	
ON BOATS AND SHORE . . . . .	-	-	78	60	587	93	14	
TOTAL . . . . .	166	6	130	667	1,164	95	16	
VESSELS, MOTOR . . . . .	32	1	25	227	261	1	1	
NET TONNAGE . . . . .	706	92	250	4,415	2,878	8	9	
BOATS, MOTOR . . . . .	-	-	44	39	360	56	9	
ACCESSORY BOATS . . . . .	32	1	-	-	-	-	-	
APPARATUS:								
NUMBER . . . . .	166	6	170	2,316	2,745	1,720	16	
HOOKS . . . . .	166	6	5,044	2,316	12,942	-	-	

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# PACIFIC COAST STATES FISHERIES

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## SAN FRANCISCO DISTRICT OF CALIFORNIA - OPERATING UNITS

1951 - Continued

ITEM	BAG NETS, SHRIMP	BEAM TRAWLS	OTTER TRAWLS	TRAPS, CRAB	HARPOONS, SWORDFISH	RAKES, OYSTER	ABALONE OUTFITS	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:								
ON VESSELS . . . . .	8	2	127	205	6	-	-	1,319
ON BOATS AND SHORE . . . . .	-	20	-	229	-	5	2	1,076
TOTAL . . . . .	8	22	127	434	6	5	2	2,395
VESSELS, MOTOR . . . . .	2	1	30	91	1	-	-	527
NET TONNAGE . . . . .	13	9	607	892	16	-	-	8,489
BOATS, MOTOR . . . . .	-	18	-	139	-	1	1	621
ACCESSORY BOATS . . . . .	2	-	-	-	-	-	-	40
APPARATUS:								
NUMBER . . . . .	2	19	30	11,450	1	5	1	-
LENGTH, YARDS . . . . .	1,280	-	-	-	-	-	-	-
YARDS AT MOUTH . . . . .	-	126	450	-	-	-	-	-

## SAN FRANCISCO DISTRICT OF CALIFORNIA - CATCH BY GEAR, 1951

SPECIES	SEINES		GILL NETS		LINES	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ANCHOVIES . . . . .	284,100	\$8,722	-	-	-	-
CABEZONE . . . . .	-	-	-	-	500	\$16
CARP . . . . .	803,600	35,319	5,100	\$814	-	-
FLOUNDERS:						
" CALIFORNIA HALIBUT "	-	-	-	-	1,600	316
" SOLE "	-	-	-	-	1,100	77
OTHER . . . . .	-	-	900	84	4,500	206
GROUPER . . . . .	-	-	-	-	6,700	402
HALIBUT . . . . .	-	-	-	-	900	202
HERRING, SEA . . . . .	3,413,000	27,133	259,400	2,062	-	-
KINGFISH . . . . .	1,100	66	-	-	1,400	86
LINGCOD . . . . .	-	-	1,000	82	127,100	10,101
PERCH . . . . .	21,900	2,928	53,000	7,080	-	-
PILCHARD . . . . .	164,700	3,810	400	5	-	-
POMPANO . . . . .	1,200	677	-	-	-	-
ROCKFISHES . . . . .	-	-	1,500	72	121,600	5,837
SABLEFISH . . . . .	-	-	-	-	9,200	633
SALMON . . . . .	-	-	1,343,200	301,877	3,165,400	92,562
SEA BASS, WHITE . . . . .	200	55	400	80	900	181
SHAD . . . . .	-	-	606,100	38,365	-	-
SHARKS, INCLUDING GRAYFISH . . . . .	-	-	49,200	3,344	2,400	114
SKATES . . . . .	-	-	-	-	200	3
SMELT . . . . .	58,500	4,124	253,700	17,886	-	-
SQUAWFISH . . . . .	-	-	100	5	-	-
TUNA:						
ALBACORE . . . . .	-	-	-	-	2,680,400	450,767
SKIPJACK OR STRIPED . . . . .	-	-	-	-	4,800	695
YELLOWFIN . . . . .	-	-	-	-	202,000	29,906
WHITEBAIT . . . . .	3,700	334	3,400	308	9,400	389
UNCLASSIFIED . . . . .	-	-	100	6	3,500	159
OCTOPUS . . . . .	-	-	-	-	-	-
TOTAL . . . . .	4,752,000	83,368	2,577,500	372,070	6,343,600	1,405,652

SPECIES	FYKE NETS		DJP NETS		EAG NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CARP . . . . .	19,900	\$3,198	-	-	-	-
CATFISH . . . . .	236,100	50,792	-	-	-	-
SMELT . . . . .	-	-	110,000	\$7,901	-	-
SQUAWFISH . . . . .	100	8	-	-	-	-
WHITEBAIT . . . . .	-	-	31,100	2,855	-	-
UNCLASSIFIED . . . . .	700	172	-	-	-	-
SHRIMP . . . . .	-	-	-	-	197,700	\$13,541
TOTAL . . . . .	258,800	54,170	141,100	10,756	197,700	13,541

(CONTINUED ON NEXT PAGE)

## PACIFIC COAST STATES FISHERIES

## SAN FRANCISCO DISTRICT OF CALIFORNIA - CATCH BY GEAR

1951 - Continued

SPECIES	BEAM TRAWLS		OTTER TRAWLS		TRAPS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CABEZONE . . . . .	-	-	800	\$24	-	-
FLOUNDERS:						
" CALIFORNIA HALIBUT "	-	-	4,900	998	-	-
" SOLE "	-	-	4,683,100	344,208	-	-
OTHER	100	\$5	962,200	45,698	-	-
HAKE . . . . .	-	-	25,000	312	-	-
HALIBUT . . . . .	-	-	57,700	14,144	-	-
JACK MACKEREL . . . . .	-	-	200	10	-	-
KINGFISH . . . . .	-	-	5,400	324	-	-
LINGCOD . . . . .	-	-	455,500	36,215	-	-
PERCH . . . . .	-	-	3,900	516	-	-
POMPANO . . . . .	-	-	200	93	-	-
ROCKFISHES . . . . .	-	-	2,081,100	99,895	-	-
SABLEFISH . . . . .	-	-	256,700	17,683	-	-
SEA BASS, WHITE . . . . .	-	-	900	182	-	-
SHARKS, INCLUDING GRAYFISH . . . . .	-	-	28,900	801	-	-
SKATES . . . . .	-	-	61,900	960	-	-
TOMCOD . . . . .	-	-	1,400	78	-	-
UNCLASSIFIED . . . . .	-	-	47,500	1,963	-	-
CRABS:						
DUNGNESS . . . . .	-	-	108,700	16,721	3,443,200	\$529,564
ROCK . . . . .	-	-	-	-	1,000	50
SHRIMP . . . . .	733,600	50,255	-	-	-	-
OCTOPUS . . . . .	-	-	9,100	421	100	6
TOTAL . . . . .	733,700	50,260	8,795,100	581,246	3,444,300	529,620

SPECIES	HARPOONS		RAKES, OYSTERS		ABALONE OUTFITS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
SWORDFISH . . . . .	500	\$239	-	-	-	-
ABALONE . . . . .	-	-	-	-	1,600	\$1,152
OYSTERS, MARKET:						
EASTERN . . . . .	-	-	25,000	\$26,460	-	-
PACIFIC . . . . .	-	-	15,900	14,385	-	-
WESTERN . . . . .	-	-	2,200	2,604	-	-
TOTAL . . . . .	500	239	43,100	45,649	1,600	1,152

## MONTEREY DISTRICT OF CALIFORNIA - OPERATING UNITS, 1951

ITEM	SEINES			GILL NETS		
	PILCHARD	TUNA	OTHER	" CALIFORNIA HALIBUT "	CRAB	SEA BASS
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS . . . . .	281	12	289	15	2	-
ON BOATS AND SHORE . . . . .	74	-	111	27	-	10
TOTAL . . . . .	355	12	400	42	2	10
VESSELS, MOTOR . . . . .	30	1	39	3	1	-
NET TONNAGE . . . . .	1,349	97	723	23	5	-
BOATS, MOTOR . . . . .	12	-	22	9	-	2
ACCESSORY BOATS . . . . .	42	1	39	-	-	-
APPARATUS:						
NUMBER . . . . .	42	1	61	12	1	2
LENGTH, YARDS . . . . .	17,960	650	8,210	-	-	-
SQUARE YARDS . . . . .	-	-	-	83,520	8,000	4,800

(CONTINUED ON NEXT PAGE)

# PACIFIC COAST STATES FISHERIES

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## MONTEREY DISTRICT OF CALIFORNIA - OPERATING UNITS

1951 - Continued

ITEM	GILL NETS - CONTINUED		LINES			
	SHARK	OTHER	TRAWL, SET, OR HAND		TROLL	
			ALBACORE	OTHER	ALBACORE	SALMON
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS . . . . .	5	27	178	67	878	356
ON BOATS AND SHORE . . . . .	-	39	6	269	222	334
TOTAL . . . . .	5	66	184	336	1,100	690
VESSELS, MOTOR . . . . .	1	3	33	25	271	132
NET TONNAGE . . . . .	5	144	729	234	4,408	1,633
BOATS, MOTOR . . . . .	-	18	1	129	150	171
ACCESSORY BOATS . . . . .	-	-	34	-	-	-
APPARATUS:						
NUMBER . . . . .	1	28	184	1,153	3,489	738
SQUARE YARDS . . . . .	10,000	27,500	-	-	-	-
HOOKS . . . . .	-	-	184	90,112	3,489	4,164

ITEM	DIP NETS	OTTER TRAWLS	TRAPS	
			CRAB	OCTOPUS
		NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS . . . . .	4	87	-	-
ON BOATS AND SHORE . . . . .	8	25	10	2
TOTAL . . . . .	12	112	10	2
VESSELS, MOTOR . . . . .	2	18	-	-
NET TONNAGE . . . . .	27	303	-	-
BOATS, MOTOR . . . . .	5	6	7	1
APPARATUS:				
NUMBER . . . . .	12	24	150	25
YARDS AT MOUTH . . . . .	-	342	-	-

ITEM	HARPOONS, SWORDFISH	SHOVELS, CLAM	ABALONE OUTFITS	TOTAL, EXCLUSIVE OF DUPLICATION
				NUMBER
FISHERMEN:				
ON VESSELS . . . . .	3	-	2	1,717
ON BOATS AND SHORE . . . . .	-	10	-	592
TOTAL . . . . .	3	10	2	2,309
VESSELS, MOTOR . . . . .	1	-	1	414
NET TONNAGE . . . . .	25	-	5	7,902
BOATS, MOTOR . . . . .	-	4	-	280
ACCESSORY BOATS . . . . .	-	-	-	58
APPARATUS, NUMBER . . . . .	1	10	1	-

## MONTEREY DISTRICT OF CALIFORNIA - CATCH BY GEAR, 1951

SPECIES	SEINES		GILL NETS		LINES	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ANCHOVIES . . . . .	5,050,100	\$99,992	-	-	-	-
CABEZONE . . . . .	-	-	700	\$19	8,600	\$227
FLOUNDERS:						
" CALIFORNIA HALIBUT " . . . . .	8,200	1,796	22,600	4,960	-	-
" SOLE " . . . . .	-	-	2,600	198	6,800	520
OTHER . . . . .	-	-	400	26	54,000	4,165
HERRING, SEA . . . . .	1,192,300	22,773	-	-	-	-
JACK MACKEREL . . . . .	776,900	28,821	-	-	-	-
KINGFISH . . . . .	121,100	9,070	64,500	4,832	33,300	2,497
LINGCOD . . . . .	-	-	100	12	83,500	7,740

(CONTINUED ON NEXT PAGE)

# PACIFIC COAST STATES FISHERIES

## MONTEREY DISTRICT OF CALIFORNIA - CATCH BY GEAR

### 1951 - Continued

SPECIES	SEINES		GILL NETS		LINES	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
MACKEREL . . . . .	335,300	\$15,794	-	-	22,600	\$1,064
PERCH . . . . .	25,400	2,028	3,700	\$294	1,500	117
PILCHARD . . . . .	1,757,100	52,887	-	-	-	-
POMPANO . . . . .	31,000	14,564	-	-	-	-
ROCKFISHES . . . . .	100	4	600	36	2,147,400	142,588
SABLEFISH . . . . .	-	-	-	-	1,018,300	51,525
SALMON . . . . .	-	-	-	-	679,100	224,383
SEA BASS, WHITE . . . . .	-	-	38,600	8,064	100	14
SHAD . . . . .	100	6	-	-	-	-
SHARKS, INCLUDING GRAYFISH . . . . .	100	20	4,100	189	1,300	206
SKATES . . . . .	-	-	200	7	100	3
SMELT . . . . .	176,900	9,657	20,200	1,100	-	-
TUNA AND TUNALIKE FISHES:						
ALBACORE . . . . .	-	-	-	-	2,966,700	390,127
BLUEFIN . . . . .	67,100	10,061	-	-	-	-
BONITO . . . . .	7,500	702	-	-	-	-
SKIPJACK OR STRIPED . . . . .	89,700	12,884	-	-	-	-
YELLOWFIN . . . . .	18,800	2,910	-	-	-	-
WHITEBAIT . . . . .	7,500	869	-	-	-	-
UNCLASSIFIED . . . . .	-	-	-	-	8,000	555
CRABS, DUNGESS . . . . .	-	-	3,400	657	-	-
OCTOPUS . . . . .	-	-	-	-	2,100	209
SQUID . . . . .	11,632,500	318,730	-	-	-	-
TOTAL . . . . .	21,297,700	603,568	161,700	20,394	7,033,400	825,940

SPECIES	DIP NETS		OTTER TRAWLS		TRAPS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CABEZONE . . . . .	-	-	9,700	\$258	-	-
FLOUNDERS:						
CALIFORNIA HALIBUT <sup>11</sup> . . . . .	-	-	33,600	7,364	-	-
"SOLE" . . . . .	-	-	788,500	60,241	-	-
OTHER . . . . .	-	-	73,800	5,619	-	-
JACK MACKEREL . . . . .	-	-	600	24	-	-
KINGFISH . . . . .	-	-	3,500	262	-	-
LINGCOD . . . . .	-	-	43,500	4,031	-	-
PERCH . . . . .	-	-	7,300	578	-	-
POMPANO . . . . .	-	-	400	210	-	-
ROCKFISHES . . . . .	-	-	1,028,200	68,274	-	-
SABLEFISH . . . . .	-	-	19,900	1,008	-	-
SHARKS, INCLUDING GRAYFISH . . . . .	-	-	3,400	77	-	-
SKATES . . . . .	-	-	11,000	310	-	-
SMELT . . . . .	100	\$6	400	24	-	-
WHITEBAIT . . . . .	5,100	593	-	-	-	-
UNCLASSIFIED . . . . .	-	-	1,000	67	-	-
CRABS, DUNGESS . . . . .	-	-	3,800	728	7,700	\$1,478
SHRIMP . . . . .	-	-	-	-	2,700	1,078
OCTOPUS . . . . .	-	-	2,400	238	8,200	827
TOTAL . . . . .	5,200	599	2,031,000	149,313	18,600	3,383

SPECIES	HARPOONS		SHOVELS	
	POUNDS	VALUE	POUNDS	VALUE
SWORDFISH . . . . .	500	\$216	-	-
CLAMS, HARD . . . . .	-	-	800	\$208
TOTAL . . . . .	500	216	800	208

## SANTA BARBARA DISTRICT OF CALIFORNIA - OPERATING UNITS, 1951

ITEM	SEINES			GILL NETS			
	MACKEREL	PILCHARD	OTHER	BARRACUDA	SEA BASS	SHARK	OTHER
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS . . . . .	494	1,326	10	4	36	35	2
ON BOATS AND SHORE . . . . .	5	21	10	7	56	23	10
TOTAL . . . . .	499	1,347	20	11	92	58	12

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# PACIFIC COAST STATES FISHERIES

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## SANTA BARBARA DISTRICT OF CALIFORNIA - OPERATING UNITS

1951 - Continued

ITEM	SEINES - CONTINUED			GILL NETS - CONTINUED			
	MACKEREL	PILCHARD	OTHER	BARRACUDA	SEA BASS	SHARK	OTHER
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
VESSELS, MOTOR. . . . .	44	133	2	1	9	9	1
NET TONNAGE . . . . .	2,266	6,810	23	9	76	99	9
BOATS, MOTOR. . . . .	1	4	3	2	18	8	4
ACCESSORY BOATS . . . . .	45	137	3	-	-	-	-
APPARATUS:							
NUMBER. . . . .	45	137	5	3	27	17	6
LENGTH, YARDS . . . . .	21,550	63,820	675	-	-	-	-
SQUARE YARDS. . . . .	-	-	-	21,600	180,200	154,000	6,900

ITEM	TRAMMEL NETS	LINES				OTTER TRAWLS	TRAPS CRAB
		TRAWL, SET, OR HAND		TROLL			
		ALBACORE NUMBER	OTHER NUMBER	ALBACORE NUMBER	SALMON NUMBER		
FISHERMEN:							
ON VESSELS. . . . .	5	91	89	125	8	43	47
ON BOATS AND SHORE. . . . .	22	12	140	136	7	31	14
TOTAL . . . . .	27	103	229	261	15	74	61
VESSELS, MOTOR. . . . .	2	28	27	49	3	11	16
NET TONNAGE . . . . .	13	399	236	480	44	127	150
BOATS, MOTOR. . . . .	7	3	71	67	4	9	7
ACCESSORY BOATS . . . . .	-	31	-	-	-	-	-
APPARATUS:							
NUMBER. . . . .	9	103	347	910	17	20	435
SQUARE YARDS. . . . .	54,000	-	-	-	-	-	-
YARDS AT MOUTH. . . . .	-	-	-	-	-	273	-
HOOKS . . . . .	-	103	30,668	910	112	-	-

ITEM	TRAPS-CONT'D.	HARPOONS		RAKES, OYSTER	ABALONE OUTFITS	TOTAL, EXCLUSIVE OF DUPLICATION
	LOBSTERS, SPINY	SHARK	SWORDFISH			
	NUMBER	NUMBER	NUMBER			
FISHERMEN:						
ON VESSELS. . . . .	37	20	41	-	5	2,052
ON BOATS AND SHORE. . . . .	75	28	34	4	66	392
TOTAL . . . . .	112	48	75	4	71	2,444
VESSELS, MOTOR. . . . .	10	7	11	-	2	289
NET TONNAGE . . . . .	63	41	91	-	14	9,736
BOATS, MOTOR. . . . .	31	9	11	1	32	179
ACCESSORY BOATS . . . . .	-	-	-	-	-	170
APPARATUS, NUMBER . . . . .	1,325	16	22	4	34	-

## SANTA BARBARA DISTRICT OF CALIFORNIA - CATCH BY GEAR, 1951

SPECIES	SEINES		GILL AND TRAMMEL NETS		LINES	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ANCHOVIES . . . . .	201,600	\$3,346	-	-	-	-
BARRACUDA . . . . .	-	-	94,600	\$10,309	-	-
CABEZONE. . . . .	-	-	-	-	2,200	\$106
FLOUNDER:						
" CALIFORNIA HALIBUT " . . . . .	-	-	41,400	9,587	4,500	1,051
" SOLE " . . . . .	-	-	900	70	4,200	345
OTHER . . . . .	-	-	-	-	300	23
JACK MACKEREL . . . . .	5,207,200	92,688	-	-	100	2
KINGFISH. . . . .	1,000	48	100	5	2,300	105
LINGCOD . . . . .	775,900	19,007	400	46	13,800	1,447
MACKEREL . . . . .	200	34	300	8	500	13
PERCH . . . . .	74,972,900	1,566,934	200	30	900	132
PILCHARD. . . . .	6,700	1,530	-	-	-	-
POMPANO . . . . .	-	-	-	-	-	-

(CONTINUED ON NEXT PAGE)

# PACIFIC COAST STATES FISHERIES

## SANTA BARBARA DISTRICT OF CALIFORNIA - CATCH BY GEAR

### 1951 - Continued

SPECIES	SEINES		GILL AND TRAWL NETS		LINES	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ROCK BASS. . . . .	-	-	4,300	\$425	27,800	\$2,753
ROCKFISHES. . . . .	-	-	600	52	236,100	20,781
SABLEFISH. . . . .	-	-	-	-	1,200	57
SALMON. . . . .	-	-	-	-	1,800	724
SCULPIN. . . . .	-	-	200	18	-	-
SEA BASS:						
BLACK. . . . .	-	-	1,000	136	-	-
WHITE. . . . .	-	-	305,500	71,532	5,100	1,194
SHARKS, INCLUDING GRAYFISH	500	\$21	110,300	22,389	15,400	2,018
SHEEPSHEAD. . . . .	-	-	2,800	246	900	75
SKATES. . . . .	-	-	-	-	3,200	151
SMELT. . . . .	200	15	900	74	100	13
TUNA AND TUNALIKE FISHES:						
ALBACORE. . . . .	-	-	-	-	156,200	21,006
BLUEFIN. . . . .	-	-	400	62	-	-
BONITO. . . . .	3,400	303	3,000	261	-	-
WHITEFISH. . . . .	-	-	-	-	6,000	762
UNCLASSIFIED. . . . .	-	-	1,300	95	4,400	320
CRABS, DUNGENESS. . . . .	-	-	100	15	-	-
LOBSTERS, SPINY. . . . .	-	-	1,800	551	-	-
SQUID. . . . .	300	40	-	-	-	-
TOTAL. . . . .	81,169,900	1,683,956	570,100	115,911	457,000	53,078

SPECIES	OTTER TRAWLS		TRAPS		HARPOONS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CABEZONE. . . . .	1,300	\$63	100	\$4	-	-
FLOUNCERS:						
"CALIFORNIA HALIBUT" . . . . .	168,600	39,051	-	-	-	-
"SOLE" . . . . .	483,300	39,002	-	-	-	-
OTHER. . . . .	9,500	610	-	-	-	-
KINGFISH. . . . .	700	31	-	-	-	-
LINGCOD. . . . .	6,800	716	100	8	-	-
PERCH. . . . .	8,000	1,257	100	15	-	-
ROCK BASS. . . . .	300	32	1,400	143	-	-
ROCKFISHES. . . . .	31,400	2,764	-	-	-	-
SCULPIN. . . . .	400	36	-	-	-	-
SEA BASS:						
BLACK. . . . .	200	27	-	-	-	-
WHITE. . . . .	1,100	251	-	-	-	-
SHARKS, INCLUDING GRAYFISH	13,400	313	-	-	273,500	\$2,735
SHEEPSHEAD. . . . .	-	-	14,800	1,302	-	-
SKATES. . . . .	300	13	-	-	-	-
SWORDFISH. . . . .	-	-	-	-	30,000	12,065
WHITEFISH. . . . .	-	-	2,000	255	-	-
UNCLASSIFIED. . . . .	1,100	80	-	-	-	-
CRABS:						
DUNGENESS. . . . .	10,200	1,564	200,500	30,747	-	-
ROCK. . . . .	-	-	2,900	83	-	-
LOBSTERS, SPINY. . . . .	500	147	329,100	98,385	-	-
OCTOPUS. . . . .	400	31	100	9	-	-
TOTAL. . . . .	737,500	85,988	551,100	130,951	303,500	14,800

SPECIES	RAKES, OYSTER		ABALONE OUTFITS	
	POUNDS	VALUE	POUNDS	VALUE
ABALONE. . . . .	-	-	268,400	\$158,572
OYSTERS, MARKET, PACIFIC	200	\$92	-	-
TOTAL. . . . .	200	92	268,400	158,572



# PACIFIC COAST STATES FISHERIES

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## SAN PEDRO DISTRICT OF CALIFORNIA - OPERATING UNITS, 1951

ITEM	SEINES					GILL NETS	
	BARRACUDA	MACKEREL	PILCHARD	TUNA	OTHER	BARRACUDA	SEA BASS
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS . . . . .	57	1,364	2,749	1,131	200	15	62
ON BOATS AND SHORE . . .	-	21	81	-	90	34	62
TOTAL . . . . .	57	1,385	2,830	1,131	290	49	124
VESSELS, MOTOR . . . . .	6	122	263	96	46	4	16
NET TONNAGE . . . . .	150	6,337	13,824	6,280	536	26	117
BOATS, MOTOR . . . . .	-	3	14	-	25	13	24
ACCESSORY BOATS . . . . .	6	125	277	96	71	-	-
APPARATUS:							
NUMBER . . . . .	6	125	277	96	71	17	40
LENGTH, YARDS . . . . .	2,550	59,710	128,020	63,350	9,565	-	-
SQUARE YARDS . . . . .	-	-	-	-	-	147,740	250,560

ITEM	GILL NETS-CONT'D.		TRAMMEL NETS	LINES			
	SHARK	OTHER		TRAWL, SET, OR HAND			TROLL
				ALBACORE	YELLOW FIN	OTHER	ALBACORE
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS . . . . .	10	3	53	711	1,753	445	693
ON BOATS AND SHORE . . .	24	27	55	109	-	460	1,069
TOTAL . . . . .	34	30	108	820	1,753	905	1,762
VESSELS, MOTOR . . . . .	3	1	12	136	143	134	266
NET TONNAGE . . . . .	19	7	111	2,169	15,935	1,412	3,295
BOATS, MOTOR . . . . .	8	12	19	29	-	251	522
ACCESSORY BOATS . . . . .	-	-	-	136	143	-	-
APPARATUS:							
NUMBER . . . . .	11	13	31	820	1,753	1,681	6,048
SQUARE YARDS . . . . .	94,000	15,200	162,006	-	-	-	-
HOOKS . . . . .	-	-	-	820	1,753	60,367	6,048

ITEM	LINES-CONT'D.		BRAIL OR SCOOP NETS	TRAPS, LOBSTER, SPINY	HARPOONS, SWORDFISH	ABALONE OUTFITS	TOTAL, EXCLUSIVE OF DUPLICATION
	TROLL-CONT'D.						
	SALMON	OTHER					
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	
FISHERMEN:							
ON VESSELS . . . . .	4	16	160	54	66	11	6,245
ON BOATS AND SHORE . . .	-	68	341	192	103	64	1,703
TOTAL . . . . .	4	84	501	246	169	75	7,948
VESSELS, MOTOR . . . . .	2	7	56	18	19	4	901
NET TONNAGE . . . . .	29	80	444	138	155	29	36,684
BOATS, MOTOR . . . . .	-	47	167	102	42	31	801
ACCESSORY BOATS . . . . .	-	-	-	-	-	-	496
APPARATUS:							
NUMBER . . . . .	4	331	501	3,270	61	35	-
HOOKS . . . . .	24	331	-	-	-	-	-

## SAN PEDRO DISTRICT OF CALIFORNIA - CATCH BY GEAR, 1951

SPECIES	SEINES		GILL AND TRAMMEL NETS		LINES	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ANCHOVIES . . . . .	1,406,400	\$30,940	-	-	-	-
BARRACUDA . . . . .	953,300	168,452	108,000	\$19,085	334,700	\$59,141
CABRILLA . . . . .	-	-	-	-	338,700	52,262
CARP . . . . .	40,500	1,215	-	-	-	-

(CONTINUED ON NEXT PAGE)

# PACIFIC COAST STATES FISHERIES

## SAN PEDRO DISTRICT OF CALIFORNIA - CATCH BY GEAR

### 1951 - Continued

SPECIES	SEINES		GILL AND TRAMMEL NETS		LINES	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FLOUNDERS:						
"CALIFORNIA HALIBUT"	900	\$232	262,200	\$65,785	40,900	\$10,260
"SOLE"	-	-	200	36	6,100	1,024
OTHER	-	-	-	-	19,000	3,121
FLYING FISH	2,100	164	51,100	4,029	-	-
GROUPER	100	12	-	-	522,700	106,808
JACK HACKEREL	83,689,900	1,891,391	-	-	1,200	28
KINGFISH	364,000	20,855	-	-	48,100	2,764
LINGCOD	-	-	-	-	2,200	340
HACKEREL	27,086,400	746,229	100	3	77,600	2,140
MULLET	-	-	3,400	137	-	-
PERCH	28,800	5,841	100	10	38,200	7,761
PILCHARD	246,572,600	5,547,883	-	-	-	-
POMPANO	23,700	5,017	-	-	-	-
ROCK BASS	1,500	258	1,600	268	231,400	39,259
ROCKFISHES	600	59	100	7	725,300	73,694
SABLEFISH	-	-	-	-	59,400	10,191
SALMON	-	-	-	-	500	162
SCULPIN	-	-	-	-	83,600	15,929
SEA BASS:						
BLACK	3,900	645	8,000	1,326	139,800	23,128
WHITE	127,200	32,041	646,500	162,813	68,000	17,122
SHARKS, INCLUDING GRAYFISH	7,700	927	107,900	13,032	29,200	3,528
SHEEPSHEAD	100	5	2,200	187	6,700	576
SKATES	-	-	3,700	194	3,300	172
SMELT	197,800	10,148	2,900	148	700	35
SQUAWFISH	700	22	-	-	-	-
SPANISH HACKEREL	-	-	-	-	19,000	2,214
TUNA AND TUNALIKE FISHES:						
ALBACORE	12,500	2,005	-	-	7,091,900	1,139,678
BLUEFIN	3,401,700	533,392	-	-	2,200	342
BONITO	609,900	59,037	600	57	28,900	2,803
SKIPJACK OR STRIPED	11,733,100	1,654,383	-	-	41,868,000	5,903,442
YELLOWFIN	14,238,400	2,195,561	-	-	59,453,300	9,167,693
WHITETAIL	2,906,900	276,736	100	12	4,900	496
UNCLASSIFIED	1,500	329	2,500	234	926,900	86,249
LOBSTERS, SPINY	-	-	4,700	1,040	43,300	9,625
OCTOPUS	-	-	6,600	2,744	-	-
SQUID	749,400	17,310	-	-	500	99
TOTAL	394,161,600	13,201,069	1,212,500	271,147	112,216,200	16,744,086

SPECIES	BRAIL OR SCOOP NETS		TRAPS		HARPOONS		ABALONE OUTFITS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
JACK HACKEREL	119,500	\$2,700	-	-	-	-	-	-
KINGFISH	300	17	-	-	-	-	-	-
HACKEREL	4,835,900	133,229	-	-	-	-	-	-
PERCH	1,000	208	100	\$20	-	-	-	-
ROCK BASS	-	-	2,500	428	-	-	-	-
SCULPIN	-	-	100	20	-	-	-	-
SHARKS, INCLUDING GRAYFISH	5,000	608	-	-	-	-	-	-
SHEEPSHEAD	-	-	5,300	457	-	-	-	-
SMELT	2,000	105	-	-	-	-	-	-
SWORDFISH	-	-	-	-	152,300	\$68,057	-	-
WHITETAIL	-	-	400	38	-	-	-	-
UNCLASSIFIED	100	12	-	-	-	-	-	-
CRABS, ROCK	-	-	13,000	1,312	-	-	-	-
LOBSTERS, SPINY	-	-	354,400	146,819	-	-	-	-
ABALONE	-	-	-	-	-	-	485,500	\$184,236
TOTAL	4,963,800	136,879	375,800	149,094	152,300	68,057	485,500	184,236



# PACIFIC COAST STATES FISHERIES

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## SAN DIEGO DISTRICT OF CALIFORNIA - OPERATING UNITS, 1951

ITEM	SEINES				GILL NETS		
	BARRACUDA	FILCHARD	TUNA	OTHER	BARRACUDA	SEA BASS	SHARK
	<u>NUMBER</u>						
FISHERMEN:							
ON VESSELS. . . . .	20	107	120	43	31	21	25
ON BOATS AND SHORE. . . .	-	-	-	20	23	56	47
TOTAL . . . . .	20	107	120	63	54	77	72
VESSLS, MOTOR. . . . .	2	15	10	6	7	5	5
NET TONNAGE . . . . .	32	310	640	160	46	45	39
BOATS, MOTOR. . . . .	-	-	-	6	8	18	16
ACCESSORY BOATS . . . . .	2	15	10	12	-	-	-
APPARATUS:							
NUMBER. . . . .	2	15	10	12	15	23	21
LENGTH, YARDS . . . . .	950	6,200	6,250	2,100	-	-	-
SQUARE YARDS. . . . .	-	-	-	-	95,440	180,860	178,000

ITEM	GILL NETS- CONT'D.	TRAMMEL NETS	LINES				
	OTHER		TRAWL, SET, OR HAND			TROLL	
			ALBACORE	YELLOWFIN	OTHER	ALBACORE	SALMON
	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>
FISHERMEN:							
ON VESSELS. . . . .	-	35	813	2,377	51	1,095	6
ON BOATS AND SHORE. . . .	21	16	107	-	80	897	-
TOTAL . . . . .	21	51	920	2,377	131	1,992	6
VESSLS, MOTOR. . . . .	-	8	161	182	14	448	3
NET TONNAGE . . . . .	-	69	2,273	23,064	245	5,346	37
BOATS, MOTOR. . . . .	8	5	32	-	39	412	-
ACCESSORY BOATS . . . . .	-	-	161	182	-	-	-
APPARATUS:							
NUMBER. . . . .	8	13	920	2,377	248	6,916	6
SQUARE YARDS. . . . .	8,400	67,710	-	-	-	-	-
HOOKS . . . . .	-	-	920	2,377	13,711	6,916	36

ITEM	LINES-CONT'D.	TRAPS, LOBSTER, SPINY	HARPOONS, SWORDFISH	SHOVELS, CLAM	ABALONE OUTFITS	TOTAL, EXCLUSIVE OF DUPLICATION
	TROLL-CONT'D.					
	OTHER					
	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>	<u>NUMBER</u>
FISHERMEN:						
ON VESSELS. . . . .	13	30	38	-	5	4,495
ON BOATS AND SHORE. . . .	13	66	23	2	22	1,120
TOTAL . . . . .	26	96	61	2	27	5,615
VESSLS, MOTOR. . . . .	4	9	12	-	2	816
NET TONNAGE . . . . .	32	83	77	-	14	31,847
BOATS, MOTOR. . . . .	8	36	9	1	11	499
ACCESSORY BOATS . . . . .	-	-	-	-	-	368
APPARATUS:						
NUMBER. . . . .	72	1,260	21	2	13	-
HOOKS . . . . .	72	-	-	-	-	-

## SAN DIEGO DISTRICT OF CALIFORNIA - CATCH BY GEAR, 1951

SPECIES	SEINES		GILL AND TRAMMEL NETS		LINES	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ANCHOVIES . . . . .	12,700	\$660	-	-	-	816
BARRACUDA . . . . .	138,300	22,392	259,800	\$42,064	218,000	\$35,296
CABRILLA. . . . .	-	-	-	-	53,100	7,052

(CONTINUED ON NEXT PAGE)

## PACIFIC COAST STATES FISHERIES

## SAN DIEGO DISTRICT OF CALIFORNIA - CATCH BY GEAR, 1951

1951 - Continued

SPECIES	SEINES		GILL AND TRAMMEL NETS		LINES	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FLOUNDER:						
"CALIFORNIA HALIBUT"	-	-	264,600	\$54,777	11,900	\$2,464
"SOLE"	-	-	100	16	400	76
OTHERS	-	-	-	-	200	28
FLYINGFISH	-	-	300	24	-	-
GROUPER	-	-	-	-	54,200	10,127
JACK MACKEREL	42,200	\$725	100	3	-	-
KINGFISH	12,400	1,150	10,600	982	12,400	1,155
LINGCOD	-	-	100	9	400	47
MACKEREL	315,800	12,063	2,000	74	66,000	2,524
MULLET	-	-	104,400	6,787	-	-
PILCHARD	5,425,000	75,951	-	-	-	-
POWANO	1,000	207	-	-	-	-
ROCK BASS	1,500	166	300	32	15,600	1,755
ROCKFISHES	-	-	500	75	43,400	5,882
SABLEFISH	-	-	-	-	100	14
SALMON	-	-	-	-	300	124
SCULPIN	-	-	-	-	17,100	2,409
SEA BASS:						
BLACK	200	37	10,600	1,722	113,800	18,483
WHITE	16,800	3,523	266,500	55,975	55,200	11,593
SHARKS, INCLUDING GRAYFISH	500	54	163,100	16,990	24,500	2,559
SHEEPSHEAD	-	-	1,500	138	2,800	264
SKATES	-	-	500	46	-	-
SMELT	1,500	121	8,800	718	100	9
SPANISH MACKEREL	-	-	-	-	600	59
TUNA AND TUNALIKE FISHES:						
ALBACORE	-	-	-	-	15,956,100	2,624,779
BLUEFIN	388,700	59,831	-	-	2,300	339
BONITO	37,800	3,398	1,800	159	83,900	7,545
SKIPJACK OR STRIPED	891,300	128,704	-	-	61,307,200	8,852,752
YELLOWFIN	208,800	32,343	-	-	86,124,900	13,340,742
WHITFISH	700	45	1,200	76	2,900	185
YELLOWTAIL	317,800	29,778	1,000	95	514,600	48,215
UNCLASSIFIED	-	-	100	8	2,900	223
LOBSTERS, SPINY	-	-	5,900	2,375	-	-
SQUID	700	57	-	-	-	-
TOTAL	7,813,700	371,205	1,103,800	183,145	164,684,900	24,976,700

SPECIES	TRAPS		HARPOONS		SHOVELS		ABALONE OUTFITS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ROCK BASS	400	\$48	-	-	-	-	-	-
SHARKS, INCLUDING GRAYFISH	100	7	-	-	-	-	-	-
SHEEPSHEAD	24,300	2,269	-	-	-	-	-	-
SWORDFISH	-	-	44,700	\$19,896	-	-	-	-
CRABS, ROCK	5,700	358	-	-	-	-	-	-
LOBSTERS, SPINY	126,300	50,846	-	-	-	-	-	-
ABALONE	-	-	-	-	-	-	61,300	\$20,636
CLAMS, HARD	-	-	-	-	16,300	\$18,465	-	-
TOTAL	156,800	53,528	44,700	19,896	16,300	18,465	61,300	20,636

## LANDINGS BY HALIBUT FLEET AT SEATTLE, WASHINGTON

During 1951, landings of halibut, lingcod, rockfishes, and sablefish at Seattle, Washington, by the United States halibut fleet amounted to 12,168,829 pounds, valued at \$2,423,781 to the fishermen. In addition, a total of 519,361 pounds of assorted fish livers and viscera, valued at \$147,751 was landed by these vessels. The combined landings were 28 percent greater in volume and 9 percent greater in value compared with the landings during 1950.

A summary of the 1951 landings at Seattle by the United States halibut fleet is contained on the following page. The landings represent the dressed weight of the catch and are not directly comparable with data contained in the sectional and State catch tables. For additional information on the Pacific Coast halibut fishery, the reader is referred to Section 12 of this publication entitled "Review of Certain Major Fisheries."

# PACIFIC COAST STATES FISHERIES

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## LANDINGS BY THE HALIBUT FLEET AT SEATTLE, 1951

(BY FISHING GROUNDS)

FISHING GROUNDS	TRIPS	HALIBUT				LINGCOD	
		NO. 1		NO. 2		POUNDS	VALUE
		NUMBER	POUNDS	VALUE	POUNDS		
WEST OF CAPE SPENCER . . . . .	138	3,444,195	\$778,426	2,256,805	\$473,796	-	-
SOUTH OF CAPE SPENCER . . . . .	347	2,567,640	584,284	1,371,894	266,386	279,953	\$39,354
TOTAL, 1951 . . . . .	485	6,011,835	1,362,710	3,628,699	740,182	279,953	39,354
TOTAL, 1950 . . . . .	371	4,461,658	1,237,069	2,921,919	730,756	363,641	32,974

FISHING GROUNDS	ROCKFISHES		SABLEFISH		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
	WEST OF CAPE SPENCER . . . . .	-	-	-	-	5,701,000
SOUTH OF CAPE SPENCER . . . . .	244,289	\$16,453	2,004,053	\$265,082	6,467,829	1,171,559
TOTAL, 1951 . . . . .	244,289	16,453	2,004,053	265,082	12,168,829	2,423,781
TOTAL, 1950 . . . . .	152,139	8,052	1,390,129	195,726	9,289,486	2,204,577

SEE FOOTNOTE AT BOTTOM OF PAGE.

## LANDINGS BY THE HALIBUT FLEET AT SEATTLE, 1951

(BY MONTHS)

MONTHS	TRIPS	HALIBUT				LINGCOD	
		NO. 1		NO. 2		POUNDS	VALUE
		NUMBER	POUNDS	VALUE	POUNDS		
JANUARY . . . . .	3	-	-	-	-	6,445	\$1,284
FEBRUARY . . . . .	10	-	-	-	-	80,729	13,153
MARCH . . . . .	6	-	-	-	-	36,692	5,300
APRIL . . . . .	1	1/10,142	1/82,637	-	-	-	-
MAY . . . . .	119	2,848,322	\$79,430	1,393,321	\$251,781	34,072	2,762
JUNE . . . . .	54	1,089,738	282,209	741,613	169,873	1,137	57
JULY . . . . .	65	1,022,460	238,250	820,520	180,632	2,639	147
AUGUST . . . . .	88	821,930	190,919	673,245	137,896	11,504	605
SEPTEMBER . . . . .	44	109,556	34,149	-	-	7,116	385
OCTOBER . . . . .	39	76,800	24,912	-	-	5,533	668
NOVEMBER . . . . .	26	32,887	10,204	-	-	25,737	3,311
DECEMBER . . . . .	10	-	-	-	-	68,249	11,682
TOTAL, 1951 . . . . .	485	6,011,835	1,362,710	3,628,699	740,182	279,953	39,354
TOTAL, 1950 . . . . .	371	4,461,658	1,237,069	2,921,919	730,756	363,641	32,974
1951 COMPARED WITH 1950 . . .	+30	+35	+10	+24	+1	-23	+19

MONTHS	ROCKFISHES		SABLEFISH		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
	JANUARY . . . . .	1,783	\$274	130	\$13	8,358
FEBRUARY . . . . .	8,058	766	-	-	88,787	13,919
MARCH . . . . .	6,071	634	-	-	42,763	5,934
APRIL . . . . .	-	-	7,639	-	10,142	2,637
MAY . . . . .	8,483	524	7,432	1,023	4,291,837	835,520
JUNE . . . . .	1,478	74	44,959	7,432	1,878,925	459,645
JULY . . . . .	28,714	2,137	310,838	46,742	2,185,171	467,908
AUGUST . . . . .	87,521	5,357	365,307	49,239	1,959,407	384,016
SEPTEMBER . . . . .	54,997	3,604	547,010	67,144	718,679	105,282
OCTOBER . . . . .	21,316	1,311	447,142	53,531	550,791	80,422
NOVEMBER . . . . .	17,467	1,059	281,028	39,958	357,119	54,532
DECEMBER . . . . .	8,601	713	-	-	76,850	12,395
TOTAL, 1951 . . . . .	244,289	16,453	2,004,053	265,082	12,168,829	2,423,781
TOTAL, 1950 . . . . .	152,139	8,052	1,390,129	195,726	9,289,486	2,204,577
1951 COMPARED WITH 1950 . . .	+60	+104	+44	+35	+31	+10

1/ CAUGHT BY INTERNATIONAL FISHERIES COMMISSION INCIDENTAL TO TAGGING OPERATIONS.

NOTE:--IN ADDITION, VESSELS OF THE SEATTLE HALIBUT FLEET LANDED THE FOLLOWING QUANTITIES OF FISH LIVERS AND VISCERA: GRAYFISH (DOGFISH) LIVERS, 26,689 POUNDS, VALUED AT \$6,672; HALIBUT LIVERS AND VISCERA, 345,510 POUNDS, VALUED AT \$101,928; LINGCOD LIVERS AND VISCERA, 25,760 POUNDS, VALUED AT \$9,044; ROCKFISH LIVERS, 9,792 POUNDS, VALUED AT \$4,886; SABLEFISH LIVERS AND VISCERA, 110,160 POUNDS, VALUED AT \$24,643; AND SOUPFIN SHARK LIVERS, 350 POUNDS, VALUED AT \$578. ALL PRICES WERE THOSE PAID THE FISHERMEN. THE 1951 PACIFIC HALIBUT SEASON OPENED ON MAY 1, 1951, FOR ALL AREAS EXCEPT AREAS 2B AND 2C. AREA 2A, SOUTH OF CAPE SPENCER, CLOSED MAY 28; AREA 3, WEST OF CAPE SPENCER, CLOSED JUNE 25. A SPECIAL FISHING SEASON IN AREAS 2B AND 2C OPENED JULY 26 AND CLOSED AUGUST 4 AFTER 10 DAYS OF FISHING, THE CATCH APPROXIMATING 3,590,000 POUNDS.

SECTION 8 - LAKE FISHERIES <sup>9/</sup>

During 1951, the commercial catch of fish and shellfish in the Great Lakes and the International Lakes of Northern Minnesota amounted to 70,146,000 pounds, valued at \$10,664,000 to the fishermen. This represented a decrease of 736,000 pounds in quantity and \$192,169 in value compared with the landings of the previous year. In addition, the Canadian catch in these lakes amounted to 22,217,000 pounds. Michigan led all other states with a catch of 25,021,000 pounds, followed by Wisconsin with 19,731,000 pounds and Ohio with 18,700,000 pounds. Lake Erie was again the leading producer, with United States fishermen taking 20,921,000 pounds and Canadian fishermen, 13,144,000 pounds. Lake Michigan was second in production with 27,648,000 pounds, the entire amount being taken by United States fishermen.

Due to budgetary limitations there was no canvass of operating units in the Great Lakes for 1951. During 1950 there were 4,841 men employed in these fisheries compared with 5,142 in 1940. This represented a decrease of 301 fishermen during the ten-year period. It is believed, however, that this figure fluctuated greatly during the past decade, especially in the war years. Vessels of 5 net tons or over rose from 646 in 1940 to 661 in 1950, while smaller craft advanced from 1,785 to 1,810 during the ten-year period.

The Chicago Market News Service, of the Branch of Commercial Fisheries, reported several noteworthy developments in the Chicago area during 1951, although arrivals of fresh-water species at the Chicago market during the year decreased only one percent compared with the previous year. River species in particular were affected during the year when disastrous floods curtailed the production of buffalofish, catfish, carp, and sheepshead for prolonged periods. The Canadian provinces continued to show marked gains in their contributions of certain fresh-water varieties to the Chicago market. Despite the increase in arrivals from Canadian sources, the great decline in arrivals of fresh-water species from domestic production points was responsible for the over-all drop in fresh water receipts.

Receipts of fresh lake trout from Canadian sources were almost equal to those in 1950, while frozen dressed and filleted lake trout were slightly higher. Whitefish arrivals at the Chicago market during 1951 totaled 9,774,000 pounds -- 4 percent more than in 1950, due entirely to an increase in supplies from Canadian lakes. During the past five years, receipts of Canadian whitefish have increased steadily to the point where they constitute approximately 70 percent of all arrivals of this species at Chicago. The trend for domestic-caught whitefish, however, has moved in the opposite direction since 1948. Whitefish receipts from domestic sources in 1951 were 22 percent below the previous year, with arrivals from Michigan and Wisconsin showing noticeable declines.

In the Service's search, through the Branch of Fishery Biology, for methods of controlling the sea lamprey the emphasis was shifted in 1951 from mechanical to electrical devices. Although previous research had demonstrated the usefulness of dams and weirs for control of the sea lamprey, cost of construction and operation was so high as to make it imperative to seek less expensive methods. Outstanding success was achieved in 1951 in blocking the upstream movement of spawning-run sea lampreys with two types of electrical barriers -- an alternating-current screen constructed by Fish and Wildlife Service personnel and a commercially manufactured screen employing pulsating direct current.

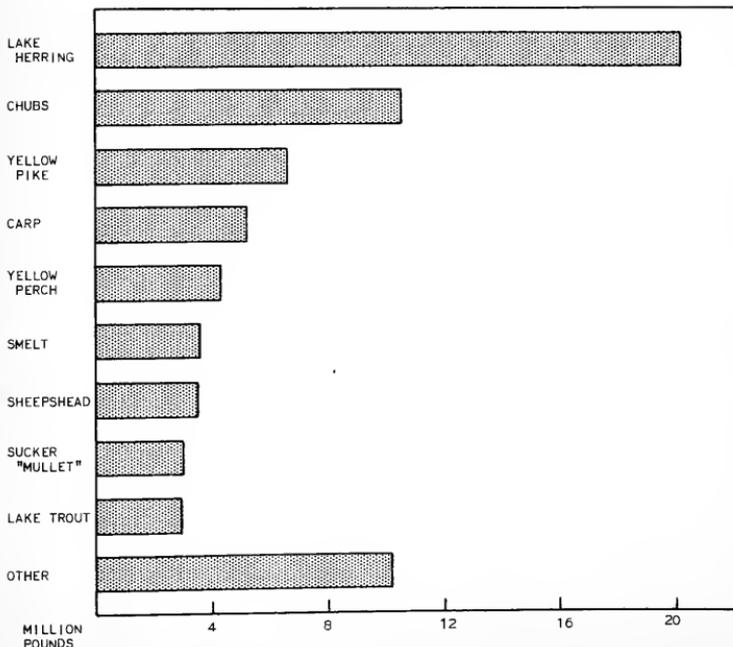
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<sup>9</sup> The statistics of the catch were obtained principally from records of the various state agencies and from the Dominion Bureau of Statistics, Ottawa, Canada. Part of the operating unit data were also obtained from the various state agencies. Supplemental surveys were conducted by Service personnel to obtain the balance of the information.

The following tables contain a summary of 1951 United States and Canadian catch in the Great Lakes and International Lakes of Northern Minnesota as well as detailed data on the catch by gear. There also is shown summary data on the United States operating units in the Lakes for 1950. Condensed summary data on the catch by states and lakes of the Lake Fisheries have been previously published in Current Fishery Statistics No. 860. Historical data on the fisheries of the Great Lakes may be found in the report of the International Board of Inquiry for the Great Lakes and "Fishery Statistics of the United States, 1950", (Statistical Digest, Number 27).



CATCH OF FISHERY PRODUCTS IN THE GREAT LAKES, 1951



# LAKE FISHERIES SECTIONAL SUMMARIES

## SUMMARY OF UNITED STATES AND CANADIAN CATCH, 1951

SPECIES	LAKE ONTARIO			LAKE ERIE		
	UNITED STATES	CANADA	TOTAL	UNITED STATES	CANADA	TOTAL
	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
ALEWIVES . . . . .	200	(1)	200	-	(1)	-
BLUE PIKE . . . . .	251,700	188,533	440,233	2,150,100	3,913,585	6,063,685
BOWFIN . . . . .	6,200	(1)	6,200	8,200	(1)	8,200
BUFFALOFISH . . . . .	-	(1)	-	2,300	(1)	2,300
BULLHEADS . . . . .	79,000	(1)	79,000	66,700	(1)	66,700
BURBOT . . . . .	100	(1)	100	185,500	(1)	185,500
CARP . . . . .	10,400	217,085	227,485	2,231,000	205,583	2,436,583
CATFISH . . . . .	100	469,529	469,629	1,283,500	116,093	1,399,593
CHUBS . . . . .	38,900	(1)	38,900	-	(1)	-
CISCO . . . . .	5,900	(1)	5,900	149,700	(1)	149,700
CRAPPIE . . . . .	(2)	(1)	-	-	(1)	-
EELS . . . . .	11,600	47,601	59,201	-	(1)	25
GARFISH . . . . .	-	(1)	-	-	(1)	-
GIZZARD SHAD . . . . .	-	(1)	-	400	(1)	400
GOLDFISH . . . . .	-	(1)	-	125,600	(1)	125,600
LAKE HERRING . . . . .	-	197,111	197,111	-	322,772	322,772
LAKE TROUT . . . . .	1,900	40,162	42,062	-	9	9
MOONEYE . . . . .	-	(1)	-	21,500	(1)	21,500
PIKE OR PICKEREL (JACKS) . . . . .	-	25,332	25,332	4,100	18,008	22,108
QUILLBACK . . . . .	-	(1)	-	-	(1)	-
ROCK BASS . . . . .	12,000	(1)	12,000	3,100	-	3,100
SAUGER . . . . .	-	151	151	397,400	466,493	863,893
SHEEPSHEAD . . . . .	-	(1)	-	3,592,700	-	3,592,700
SHELT . . . . .	7,100	-	7,100	-	-	-
STURGEON . . . . .	1,100	6,446	7,546	11,100	9,100	20,200
SUCKER "MULLET" . . . . .	21,900	(1)	21,900	558,400	(1)	558,400
SUNFISH . . . . .	6,100	(1)	6,100	(2)	-	-
TULLIBEE . . . . .	-	(1)	-	-	(1)	-
WHITE BASS . . . . .	200	(1)	200	1,036,100	(1)	1,036,100
WHITEFISH:						
COMMON . . . . .	32,900	385,304	418,204	885,700	1,129,579	2,015,279
MEMPHINEE . . . . .	-	(1)	-	-	(1)	-
YELLOW PERCH . . . . .	9,600	143,502	153,102	2,525,700	2,758,312	5,284,012
YELLOW PIKE . . . . .	1,100	89,922	91,022	5,682,300	1,521,591	7,203,891
CRAWFISH . . . . .	-	(1)	-	-	(1)	-
UNCLASSIFIED . . . . .	-	599,746	599,746	-	2,682,903	2,682,903
TOTAL . . . . .	498,000	2,410,424	2,908,424	20,921,100	13,144,053	34,065,153

SPECIES	LAKE HURON			LAKE MICHIGAN	LAKE SUPERIOR		
	UNITED STATES	CANADA	TOTAL	UNITED STATES	UNITED STATES	CANADA	TOTAL
	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
ALEWIVES . . . . .	-	(1)	-	-	-	(1)	-
BLUE PIKE . . . . .	-	(1)	-	-	-	(1)	-
BOWFIN . . . . .	7,200	(1)	7,200	(2)	-	(1)	-
BUFFALOFISH . . . . .	-	(1)	-	100	-	(1)	-
BULLHEADS . . . . .	6,300	(1)	6,300	42,000	-	(1)	-
BURBOT . . . . .	(2)	(1)	-	16,600	7,000	(1)	7,000
CARP . . . . .	1,677,100	20,750	1,697,850	1,135,700	200	195	395
CATFISH . . . . .	227,100	23,285	250,385	9,500	-	(1)	-
CHUBS . . . . .	114,200	(1)	114,200	10,301,200	74,900	(1)	74,900
CISCO . . . . .	-	(1)	-	-	-	(1)	-
CRAPPIE . . . . .	-	(1)	-	-	-	(1)	-
EELS . . . . .	-	(1)	-	-	-	(1)	-
GARFISH . . . . .	-	(1)	-	-	-	(1)	-
GIZZARD SHAD . . . . .	(2)	(1)	-	(2)	-	(1)	-
GOLDFISH . . . . .	-	(1)	-	-	-	(1)	-
LAKE HERRING . . . . .	1,378,600	116,298	1,494,898	8,374,200	10,424,300	762,532	11,186,832
LAKE TROUT . . . . .	(2)	26,557	26,557	11,100	2,915,000	1,273,202	4,188,202
MOONEYE . . . . .	(2)	(1)	-	-	-	(1)	-
PIKE OR PICKEREL (JACKS) . . . . .	5,800	303	6,103	16,000	1,900	5,527	7,427
QUILLBACK . . . . .	-	(1)	-	-	-	(1)	-
ROCK BASS . . . . .	9,400	(1)	9,400	1,000	-	(1)	-
SAUGER . . . . .	400	1,421	1,821	200	-	123,418	123,418
SHEEPSHEAD . . . . .	1,500	(1)	1,500	21,900	-	(1)	-
SHELT . . . . .	217,600	(1)	217,600	3,399,000	1,000	(1)	1,000
STURGEON . . . . .	500	8,037	8,537	200	100	1,651	1,751
SUCKER "MULLET" . . . . .	1,197,300	(1)	1,197,300	1,008,100	127,000	(1)	127,000
SUNFISH . . . . .	-	(1)	-	-	-	(1)	-
TULLIBEE . . . . .	-	109,080	109,080	-	-	45,103	45,103
WHITE BASS . . . . .	100	(1)	100	(2)	-	(1)	-
WHITEFISH:							
COMMON . . . . .	142,600	365,194	507,794	1,213,600	441,600	340,619	782,219
MEMPHINEE . . . . .	16,300	(1)	16,300	95,400	16,700	(1)	16,700
YELLOW PERCH . . . . .	363,500	431,310	794,810	1,441,200	3,300	862	4,162
YELLOW PIKE . . . . .	153,900	251,055	407,955	560,200	22,300	199,565	221,865
CRAWFISH . . . . .	-	(1)	-	600	-	(1)	-
UNCLASSIFIED . . . . .	-	117,364	117,364	-	-	98,290	98,290
TOTAL . . . . .	5,521,400	1,473,654	6,995,054	27,647,800	14,035,300	2,850,964	16,886,264

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

# LAKE FISHERIES

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## SUMMARY OF UNITED STATES AND CANADIAN CATCH, 1951 - Continued

SPECIES	LAKE OF THE WOODS			NAMAKAN LAKE		
	UNITED STATES	CANADA	TOTAL	UNITED STATES	CANADA	TOTAL
	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
ALEWIVES. . . . .	-	(1)	-	-	(1)	-
BLUE PIKE . . . . .	-	(1)	-	-	(1)	-
BOWFIN. . . . .	-	(1)	-	-	(1)	-
BUFFALOFISH . . . . .	-	(1)	-	-	(1)	-
BULLHEADS . . . . .	63,600	(1)	63,600	-	(1)	-
BURBOT. . . . .	357,800	(1)	357,800	3,800	(1)	3,800
CARP. . . . .	-	451	451	-	(1)	-
CATFISH . . . . .	-	43,764	43,764	-	(1)	-
CHUBS . . . . .	-	(1)	-	-	(1)	-
CISCO . . . . .	-	(1)	-	-	(1)	-
CRAPPIE . . . . .	-	(1)	-	-	(1)	-
EELS. . . . .	-	(1)	-	-	(1)	-
GARFISH . . . . .	-	(1)	-	-	(1)	-
GIZZARD SHAD. . . . .	-	(1)	-	-	(1)	-
GOLDFISH. . . . .	-	(1)	-	-	(1)	-
LAKE HERRING. . . . .	-	(1)	-	-	(1)	-
LAKE TROUT. . . . .	-	4,762	4,762	-	(1)	-
MOONEYE . . . . .	-	(1)	-	-	(1)	-
PIKE OR PICKEREL (JACKS). . . . .	80,600	347,886	428,486	-	2,833	2,833
QUILLBACK . . . . .	2,300	(1)	2,300	-	(1)	-
ROCK BASS . . . . .	-	(1)	-	-	(1)	-
SAUGER. . . . .	73,900	(1)	73,900	-	(1)	-
SHEEPSHEAD. . . . .	-	(1)	-	-	(1)	-
SMELT . . . . .	-	(1)	-	-	(1)	-
STURGEON. . . . .	-	63	63	-	(1)	-
SUCKER "MULLET" . . . . .	73,400	(1)	73,400	3,600	(1)	3,600
SUNFISH . . . . .	-	(1)	-	-	(1)	-
TULLIBEE. . . . .	387,900	12,855	400,755	27,300	7,145	34,445
WHITE BASS. . . . .	-	(1)	-	-	(1)	-
WHITEFISH:						
COMMON. . . . .	400	188,459	188,859	9,400	194	9,594
MENOMINEE . . . . .	-	(1)	-	-	(1)	-
YELLOW PERCH. . . . .	11,600	2,783	14,383	-	(1)	-
YELLOW PIKE . . . . .	257,700	463,658	721,358	-	12,575	12,575
CRAWFISH. . . . .	-	(1)	-	-	(1)	-
UNCLASSIFIED. . . . .	-	296,572	296,572	-	23,594	23,594
TOTAL. . . . .	1,309,200	1,361,253	2,670,453	44,100	46,341	90,441

SPECIES	RAINY LAKE			TOTAL, ALL LAKES		
	UNITED STATES	CANADA	TOTAL	UNITED STATES	CANADA	TOTAL
	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
ALEWIVES. . . . .	-	(1)	-	200	(1)	200
BLUE PIKE . . . . .	-	(1)	-	2,401,800	4,102,118	6,503,918
BOWFIN. . . . .	-	(1)	-	21,600	(1)	21,600
BUFFALOFISH . . . . .	-	(1)	-	2,400	(1)	2,400
BULLHEADS . . . . .	30,800	(1)	30,800	288,400	(1)	288,400
BURBOT. . . . .	-	(1)	-	570,800	(1)	570,800
CARP. . . . .	-	(1)	-	5,054,400	444,064	5,498,464
CATFISH . . . . .	-	(1)	-	1,520,200	652,671	2,172,871
CHUBS . . . . .	-	(1)	-	10,529,200	(1)	10,529,200
CISCO . . . . .	-	(1)	-	155,600	(1)	155,600
CRAPPIE . . . . .	-	(1)	-	(1)	(1)	-
EELS. . . . .	-	(1)	-	11,600	47,626	59,226
GARFISH . . . . .	-	(1)	-	(2)	(1)	-
GIZZARD SHAD. . . . .	-	(1)	-	400	(1)	400
GOLDFISH. . . . .	-	(1)	-	125,600	(1)	125,600
LAKE HERRING. . . . .	-	(1)	-	20,177,100	1,398,713	21,575,813
LAKE TROUT. . . . .	-	(1)	-	2,928,000	1,344,692	4,272,692
MOONEYE . . . . .	-	(1)	-	21,500	(1)	21,500
PIKE OR PICKEREL (JACKS). . . . .	20,900	179,677	200,577	129,300	579,566	708,866
QUILLBACK . . . . .	-	(1)	-	2,300	(1)	2,300
ROCK BASS . . . . .	-	(1)	-	25,500	(1)	25,500
SAUGER. . . . .	-	(1)	-	471,900	591,483	1,063,383
SHEEPSHEAD. . . . .	-	(1)	-	3,616,100	(1)	3,616,100
SMELT . . . . .	-	(1)	-	3,624,700	(1)	3,624,700
STURGEON. . . . .	-	104	104	13,000	25,401	38,401
SUCKER "MULLET" . . . . .	41,200	(1)	41,200	3,030,900	(1)	3,030,900
SUNFISH . . . . .	-	(1)	-	6,100	(1)	6,100
TULLIBEE. . . . .	15,400	126,952	142,352	430,600	301,135	731,735
WHITE BASS. . . . .	-	(1)	-	1,036,400	(1)	1,036,400
WHITEFISH:						
COMMON. . . . .	34,400	150,753	185,153	2,760,600	2,560,102	5,320,702
MENOMINEE . . . . .	-	(1)	-	130,400	(1)	130,400
YELLOW PERCH. . . . .	400	4,146	4,546	4,355,300	3,340,915	7,696,215
YELLOW PIKE . . . . .	26,100	182,369	208,469	6,703,600	2,723,735	9,427,335
CRAWFISH. . . . .	-	(1)	-	600	(1)	600
UNCLASSIFIED. . . . .	-	285,952	285,952	-	4,104,421	4,104,421
TOTAL. . . . .	169,200	929,953	1,099,153	70,146,100	22,216,642	92,362,742

1/ WHERE THERE IS A CANADIAN CATCH OF THESE SPECIES, IT IS SHOWN UNDER "UNCLASSIFIED." 2/ LESS THAN 50 POUNDS.

## LAKE FISHERIES

## SUMMARY OF OPERATING UNITS BY LAKES, 1950

ITEM	LAKE ONTARIO	LAKE ERIE	LAKE HURON	LAKE MICHIGAN <sup>1/</sup>
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS . . . . .	4	540	133	784
ON BOATS AND SHORE:				
REGULAR . . . . .	32	353	184	401
CASUAL . . . . .	110	196	196	799
TOTAL . . . . .	146	1,089	513	1,984
VESSLS, MOTOR . . . . .	1	155	48	284
NET TONNAGE . . . . .	7	1,382	392	4,072
BOATS:				
MOTOR . . . . .	82	229	184	508
OTHER . . . . .	12	68	73	183
ACCESSORY BOATS . . . . .	-	93	34	36
APPARATUS:				
HAUL SEINES . . . . .	3	50	64	212
LENGTH, YARDS . . . . .	400	62,749	28,825	79,875
GILL NETS:				
SMALL MESH, 1-1/4 - 3-7/8 INCHES. SQUARE YARDS . . . . .	387	13,446	1,324	26,045
LARGE MESH, 4 - 7 INCHES . . . . .	156	1,945,858	345,538	7,695,789
SQUARE YARDS . . . . .	34,080	10,325	634	27,461
EXTRA LARGE MESH, 8 - 14 INCHES . SQUARE YARDS . . . . .	107	1,921,746	124,098	6,945,624
	33,867	496	474	368
LINES:				
TROLL . . . . .	-	99,420	95,360	86,200
HOOKS . . . . .	-	-	-	8
TROT . . . . .	91	151	93	19
HOOKS . . . . .	8,800	50,600	28,100	7,450
POUND NETS . . . . .	-	7	74	694
TRAP NETS:				
DEEP . . . . .	-	255	224	-
SHALLOW . . . . .	83	4,168	1,854	571
FYKE NETS . . . . .	85	288	222	364
DROP NETS . . . . .	-	-	-	792

ITEM	LAKE SUPERIOR <sup>2/</sup>	LAKE OF THE WOODS, NAMAKAN LAKE, AND RAINY LAKE	TOTAL, ALL LAKES
	NUMBER	NUMBER	NUMBER
FISHERMEN:			
ON VESSELS . . . . .	527	-	1,988
ON BOATS AND SHORE:			
REGULAR . . . . .	235	60	1,265
CASUAL . . . . .	267	20	1,588
TOTAL . . . . .	1,029	80	4,841
VESSLS, MOTOR . . . . .	173	-	661
NET TONNAGE . . . . .	2,011	-	7,864
BOATS:			
MOTOR . . . . .	361	73	1,437
OTHER . . . . .	37	-	373
ACCESSORY BOATS . . . . .	28	-	191
APPARATUS:			
HAUL SEINES . . . . .	8	-	337
LENGTH, YARDS . . . . .	1,308	-	173,157
GILL NETS:			
SMALL MESH, 1-1/4 - 3-7/8 INCHES. SQUARE YARDS . . . . .	12,317	-	53,519
LARGE MESH, 4 - 7 INCHES . . . . .	2,730,351	-	12,842,029
SQUARE YARDS . . . . .	23,644	203	62,423
EXTRA LARGE MESH, 8 - 14 INCHES . SQUARE YARDS . . . . .	8,095,399	101,500	17,222,447
	120	-	1,565
	24,000	-	338,847
LINES:			
TROLL . . . . .	27	-	35
HOOKS . . . . .	27	-	35
TROT . . . . .	882	-	1,236
HOOKS . . . . .	484,530	-	579,480
POUND NETS . . . . .	288	40	1,103
TRAP NETS:			
DEEP . . . . .	-	-	479
SHALLOW . . . . .	164	20	6,860
FYKE NETS . . . . .	-	53	1,012
DROP NETS . . . . .	-	-	792

<sup>1/</sup> IN ADDITION TO THE OPERATING UNITS LISTED, A SMALL NUMBER OF OIP NETS AND CRAWFISH POTS WERE USED SEASONALLY BY CASUAL FISHERMEN.

<sup>2/</sup> IN ADDITION TO THE OPERATING UNITS LISTED, A SMALL NUMBER OF HAUL SEINES AND FYKE NETS WERE OPERATED BY CASUAL FISHERMEN.

## LAKE FISHERIES

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## SUMMARY OF OPERATING UNITS BY STATES AND LAKES, 1950

ITEM	NEW YORK			PENNSYLVANIA	OHIO
	LAKE ONTARIO	LAKE ERIE	TOTAL	LAKE ERIE	LAKE ERIE
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS . . . . .	4	53	57	159	319
ON BOATS AND SHORE:					
REGULAR . . . . .	32	6	38	4	325
CASUAL . . . . .	110	21	131	3	105
TOTAL . . . . .	146	80	226	166	749
VESSELS, MOTOR . . . . .	1	12	13	37	103
NET TONNAGE . . . . .	7	107	114	360	895
BOATS:					
MOTOR . . . . .	82	13	95	3	171
OTHER . . . . .	12	1	13	-	57
ACCESSORY BOATS . . . . .	-	1	1	5	84
APPARATUS:					
HAUL SEINES . . . . .	3	-	3	-	32
LENGTH YARDS . . . . .	400	-	400	-	34,199
GILL NETS:					
SMALL MESH, 1-1/4 - 3-7/8 INCHES . . . . .	387	2,366	2,755	6,279	4,791
SQUARE YARDS . . . . .	124,493	340,862	465,355	933,832	670,454
LARGE MESH, 4 - 7 INCHES . . . . .	156	1,758	1,914	6,204	2,358
SQUARE YARDS . . . . .	34,080	321,370	355,450	1,208,332	391,600
EXTRA LARGE MESH, 8 - 14 INCHES . . . . .	107	10	117	-	486
SQUARE YARDS . . . . .	33,867	2,200	36,067	-	97,220
LINES, TROT . . . . .	91	-	91	1	43
HOOKS . . . . .	8,800	-	8,800	900	39,000
POUND NETS . . . . .	-	-	-	7	-
TRAP NETS:					
DEEP . . . . .	-	-	-	-	255
SHALLOW . . . . .	83	16	99	93	3,822
FYKE NETS . . . . .	85	-	85	-	79

ITEM	MICHIGAN				
	LAKE ERIE	LAKE HURON	LAKE MICHIGAN	LAKE SUPERIOR 1/	TOTAL
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS . . . . .	9	133	337	287	766
ON BOATS AND SHORE:					
REGULAR . . . . .	18	184	179	98	479
CASUAL . . . . .	67	195	418	157	838
TOTAL . . . . .	94	513	934	542	2,083
VESSELS, MOTOR . . . . .	3	48	124	112	287
NET TONNAGE . . . . .	20	392	1,677	1,266	3,355
BOATS:					
MOTOR . . . . .	42	184	211	144	581
OTHER . . . . .	10	73	94	23	200
ACCESSORY BOATS . . . . .	3	34	17	11	65
APPARATUS:					
HAUL SEINES . . . . .	18	64	5	8	95
LENGTH, YARDS . . . . .	28,550	28,825	910	1,308	59,593
GILL NETS:					
SMALL MESH, 1-1/4 - 3-7/8 INCHES . . . . .	8	1,324	10,832	7,496	19,660
SQUARE YARDS . . . . .	710	345,538	2,627,745	1,086,152	4,060,145
LARGE MESH, 4 - 7 INCHES . . . . .	5	634	21,601	15,808	38,048
SQUARE YARDS . . . . .	444	124,098	4,584,094	5,399,805	10,108,441
EXTRA LARGE MESH, 8 - 14 INCHES . . . . .	-	474	120	120	714
SQUARE YARDS . . . . .	-	95,360	24,000	24,000	143,360
LINES:					
TROLL . . . . .	-	-	8	27	35
HOOKS . . . . .	-	-	8	27	35
TROT . . . . .	107	93	1	374	575
HOOKS . . . . .	10,700	28,100	250	265,160	304,210
POUND NETS . . . . .	-	74	410	112	596
TRAP NETS:					
DEEP . . . . .	-	224	-	-	224
SHALLOW . . . . .	237	1,854	571	164	2,826
FYKE NETS . . . . .	209	222	26	-	457

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

## LAKE FISHERIES

## SUMMARY OF OPERATING UNITS BY STATES AND LAKES, 1950 - Continued

ITEM	INDIANA <sup>2/</sup>	ILLINOIS	WISCONSIN <sup>3/</sup>		TOTAL
	LAKE MICHIGAN	LAKE MICHIGAN	LAKE MICHIGAN	LAKE SUPERIOR	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS . . . . .	12	62	373	231	604
ON BOATS AND SHORE:					
REGULAR . . . . .	6	13	203	44	247
CASUAL . . . . .	16	22	343	39	382
TOTAL . . . . .	34	97	919	314	1,233
VESSELS, MOTOR . . . . .	4	20	136	58	194
NET TONNAGE . . . . .	77	429	1,889	709	2,598
BOATS:					
MOTOR . . . . .	7	20	270	39	309
OTHER . . . . .	8	-	81	14	95
ACCESSORY BOATS . . . . .	2	-	17	17	34
APPARATUS:					
HAUL SEINES . . . . .	3	-	204	-	204
LENGTH, YARDS . . . . .	263	-	78,702	-	79,024
GILL NETS:					
SMALL MESH, 1-1/4 - 3-7/8 INCHES . . . . .	453	1,596	13,164	3,302	16,466
SQUARE YARDS . . . . .	100,304	418,750	4,548,990	1,012,812	5,561,802
LARGE MESH, 4 - 7 INCHES . . . . .	98	-	5,762	5,562	11,324
SQUARE YARDS . . . . .	67,998	-	2,293,532	1,849,836	4,143,368
EXTRA LARGE MESH, 8 - 14 INCHES . . . . .	-	-	248	-	248
SQUARE YARDS . . . . .	-	-	62,200	-	62,200
LINES, TROT . . . . .	-	-	18	200	218
HOOKS . . . . .	-	-	7,200	208,200	215,400
POUND NETS . . . . .	2	-	262	176	458
FYKE NETS . . . . .	-	-	338	-	338
DROP NETS . . . . .	-	-	792	-	792

ITEM	MINNESOTA			TOTAL, ALL LAKES
	LAKE SUPERIOR	LAKE OF THE WOODS, NAMAKAN LAKE, AND RAINY LAKE	TOTAL	
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS . . . . .	9	-	9	1,988
ON BOATS AND SHORE:				
REGULAR . . . . .	93	60	153	1,265
CASUAL . . . . .	71	20	91	1,588
TOTAL . . . . .	173	80	253	4,841
VESSELS, MOTOR . . . . .	3	-	3	661
NET TONNAGE . . . . .	36	-	36	7,864
BOATS:				
MOTOR . . . . .	178	73	251	1,437
OTHER . . . . .	-	-	-	373
ACCESSORY BOATS . . . . .	-	-	-	191
APPARATUS:				
HAUL SEINES . . . . .	-	-	-	337
LENGTH, YARDS . . . . .	-	-	-	173,157
GILL NETS:				
SMALL MESH, 1-1/4 - 3-7/8 INCHES . . . . .	1,519	-	1,519	53,519
SQUARE YARDS . . . . .	631,387	-	631,387	12,842,029
LARGE MESH, 4 - 7 INCHES . . . . .	2,274	203	2,477	52,423
SQUARE YARDS . . . . .	845,758	101,500	947,258	17,222,447
EXTRA LARGE MESH, 8 - 14 INCHES . . . . .	-	-	-	1,565
SQUARE YARDS . . . . .	-	-	-	338,847
LINES:				
TROLL . . . . .	-	-	-	35
HOOKS . . . . .	-	-	-	35
TROT . . . . .	308	-	308	1,236
HOOKS . . . . .	11,170	-	11,170	579,480
POUND NETS . . . . .	-	40	40	1,103
TRAP NETS:				
DEEP . . . . .	-	-	-	479
SHALLOW . . . . .	-	20	20	6,860
FYKE NETS . . . . .	-	53	53	1,012
DROP NETS . . . . .	-	-	-	792

<sup>1/2</sup> IN ADDITION TO THE OPERATING UNITS LISTED, A SMALL NUMBER OF FYKE NETS WERE OPERATED BY CASUAL FISHERMEN.  
<sup>2/</sup> IN ADDITION TO THE OPERATING UNITS LISTED, A SMALL NUMBER OF DIP NETS WERE USED SEASONALLY BY CASUAL FISHERMEN.

<sup>3/</sup> IN ADDITION TO THE OPERATING UNITS LISTED, A SMALL NUMBER OF HAUL SEINES WERE OPERATED BY CASUAL FISHERMEN IN LAKE SUPERIOR AND A SMALL NUMBER OF CRAWFISH POTS WERE OPERATED BY CASUAL FISHERMEN IN LAKE MICHIGAN.

## LAKE FISHERIES

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## CATCH BY STATES, 1951

SPECIES	NEW YORK		PENNSYLVANIA		OHIO	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES . . . . .	200	\$10	-	-	-	-
BLUE PIKE . . . . .	360,500	57,676	174,200	\$45,276	1,867,100	\$522,274
BOWFIN . . . . .	6,200	616	-	-	-	-
BUFFALOFISH . . . . .	-	-	-	-	2,300	368
BULLHEADS . . . . .	79,000	19,751	-	-	43,800	8,730
BURBOT . . . . .	6,500	77	400	47	178,300	19,612
CARP . . . . .	10,400	624	500	39	1,558,900	124,706
CATFISH . . . . .	600	66	(1)	8	1,259,400	302,016
CHUBS . . . . .	38,900	16,329	-	-	-	-
CISCO . . . . .	19,900	7,926	44,200	18,128	92,500	30,779
CRAPPIE . . . . .	(1)	5	-	-	-	-
EELS . . . . .	11,600	2,009	-	-	-	-
GIZZARD SHAD . . . . .	-	-	-	-	400	13
GOLDFISH . . . . .	-	-	-	-	125,600	6,283
LAKE TROUT . . . . .	1,900	577	-	-	-	-
MOONEYE . . . . .	-	-	-	-	20,900	1,035
PIKE OR PICKEREL (JACKS) . . . . .	-	-	-	-	(1)	5
ROCK BASS . . . . .	12,000	1,207	-	-	-	-
SAUGER . . . . .	-	-	-	-	388,000	102,162
SHEEPSHEAD . . . . .	200	14	8,400	334	3,502,900	175,146
SHELT . . . . .	7,100	2,842	-	-	-	-
STURGEON . . . . .	2,100	1,723	(1)	30	10,100	14,357
SUCKER MULLET . . . . .	24,100	1,925	8,200	329	516,800	25,336
SUNFISH . . . . .	6,100	736	-	-	-	-
WHITE BASS . . . . .	8,800	932	47,200	6,603	944,000	193,853
WHITEFISH . . . . .	169,400	76,228	373,800	194,377	375,300	160,007
YELLOW PERCH . . . . .	30,900	5,460	65,900	15,816	2,396,700	608,602
YELLOW PIKE . . . . .	4,700	1,171	12,800	4,229	5,418,100	1,659,507
TOTAL . . . . .	800,100	197,904	735,600	285,216	18,700,000	3,954,811

SPECIES	MICHIGAN		INDIANA		ILLINOIS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN . . . . .	15,400	\$454	-	-	-	-
BUFFALOFISH . . . . .	-	-	100	\$10	-	-
BULLHEADS . . . . .	30,200	4,007	-	-	-	-
BURBOT . . . . .	1,000	51	-	-	1,200	\$24
CARP . . . . .	2,372,400	102,634	800	36	-	-
CATFISH . . . . .	252,000	61,034	-	-	-	-
CHUBS . . . . .	3,021,600	518,928	-	-	822,200	164,436
GIZZARD SHAD . . . . .	(1)	3	-	-	-	-
LAKE HERRING . . . . .	9,124,500	451,864	50,200	2,364	14,100	1,126
LAKE TROUT . . . . .	2,176,200	879,039	-	-	2,200	1,120
MOONEYE . . . . .	600	93	-	-	-	-
PIKE OR PICKEREL (JACKS) . . . . .	17,100	2,506	200	31	-	-
ROCK BASS . . . . .	13,500	2,011	-	-	-	-
SAUGER . . . . .	10,000	2,113	-	-	-	-
SHEEPSHEAD . . . . .	85,100	2,676	-	-	-	-
SHELT . . . . .	2,660,500	136,900	300	16	800	25
STURGEON . . . . .	800	827	-	-	-	-
SUCKER MULLET . . . . .	2,072,500	114,497	1,200	59	-	-
WHITE BASS . . . . .	36,400	3,815	-	-	-	-
WHITEFISH . . . . .	-	-	-	-	-	-
COMMON . . . . .	1,358,200	645,856	200	92	-	-
HENONINEE . . . . .	81,200	18,345	-	-	-	-
YELLOW PERCH . . . . .	749,500	150,607	36,500	7,254	209,100	39,727
YELLOW PIKE . . . . .	942,000	310,433	-	-	-	-
TOTAL . . . . .	25,020,700	3,408,693	89,500	9,862	1,049,600	206,458

SPECIES	WISCONSIN		MINNESOTA		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES . . . . .	-	-	-	-	200	\$10
BLUE PIKE . . . . .	-	-	-	-	2,401,800	625,226
BOWFIN . . . . .	-	-	-	-	21,600	1,070
BUFFALOFISH . . . . .	-	-	-	-	2,400	378
BULLHEADS . . . . .	41,000	\$4,102	94,400	\$13,350	288,400	49,960
BURBOT . . . . .	21,800	437	361,600	10,808	570,800	31,056
CARP . . . . .	1,111,500	33,346	-	-	5,054,400	261,385
CATFISH . . . . .	9,200	2,756	-	-	1,520,200	365,880

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

## LAKE FISHERIES

## CATCH BY STATES, 1951 - Continued

SPECIES	WISCONSIN		MINNESOTA		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CHUBS . . . . .	6,646,400	\$989,841	100	\$50	10,529,200	\$1,689,584
CISCO . . . . .	-	-	-	-	155,600	56,833
CRAPPIE . . . . .	-	-	-	-	(1)	5
EELS . . . . .	(1)	(1)	-	-	11,600	2,009
GARFISH . . . . .	-	-	-	-	400	16
GIZZARD SHAD . . . . .	-	-	-	-	125,600	6,283
GOLDFISH . . . . .	-	-	-	-	20,177,100	981,454
LAKE HERRING . . . . .	8,739,500	390,706	2,248,800	135,394	2,928,000	1,245,612
LAKE TROUT . . . . .	514,600	260,431	233,100	104,445	21,500	1,128
MOONEYE . . . . .	-	-	-	-	129,300	13,241
PIKE OR PICKEREL (JACKS)	10,500	1,359	101,500	9,340	2,300	70
QUILLBACK . . . . .	-	-	2,300	70	25,500	3,218
ROCK BASS . . . . .	-	-	73,900	12,570	471,900	116,845
SAUGER . . . . .	19,500	2,149	-	-	3,616,100	180,319
SHEEPSHEAD . . . . .	956,000	95,595	-	-	3,624,700	235,378
SMELT . . . . .	-	-	-	-	13,000	16,937
STURGEON . . . . .	-	-	-	-	3,030,900	162,631
SUCKER "MULLET"	289,900	17,390	118,200	3,095	6,100	736
SUNFISH . . . . .	-	-	-	-	430,600	40,920
TULLIBEE . . . . .	-	-	430,600	40,920	1,036,400	205,203
WHITE BASS . . . . .	-	-	-	-	-	-
WHITEFISH:						
COMMON . . . . .	425,100	212,404	58,600	16,789	2,750,600	1,305,753
MENOMINEE . . . . .	48,700	5,356	500	190	130,400	23,891
YELLOW PERCH . . . . .	854,700	153,051	12,000	2,260	4,355,300	983,577
YELLOW PIKE . . . . .	42,200	10,539	285,800	70,940	6,703,600	2,056,819
CRAWFISH . . . . .	600	160	-	-	600	160
TOTAL . . . . .	19,731,200	2,180,422	4,019,400	420,221	70,146,100	10,663,587

1/ LESS THAN 50 POUNDS OR 50 CENTS.

## CATCH BY LAKES AND STATES, 1951

SPECIES	LAKE ONTARIO		LAKE ERIE			
	NEW YORK		NEW YORK		PENNSYLVANIA	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES . . . . .	200	\$10	-	-	-	-
BLUE PIKE . . . . .	251,700	40,276	108,900	\$17,400	174,200	\$45,276
BOWFIN . . . . .	6,200	616	-	-	-	-
BULLHEADS . . . . .	79,000	19,750	(1)	1	-	-
BURBOT . . . . .	100	13	6,400	64	400	47
CARP . . . . .	10,400	624	-	-	500	39
CATFISH . . . . .	100	22	500	44	(1)	8
CHUBS . . . . .	38,900	16,329	-	-	-	-
CISCO . . . . .	5,900	2,475	13,000	5,451	44,200	18,128
CRAPPIE . . . . .	(1)	5	-	-	-	-
EELS . . . . .	11,600	2,009	-	-	-	-
LAKE TROUT . . . . .	1,900	577	-	-	-	-
ROCK BASS . . . . .	12,000	1,203	(1)	4	-	-
SHEEPSHEAD . . . . .	-	-	200	14	8,400	334
SMELT . . . . .	7,100	2,842	-	-	-	-
STURGEON . . . . .	1,100	884	1,000	839	(1)	30
SUCKER "MULLET"	21,900	1,753	2,200	172	8,200	329
SUNFISH . . . . .	6,100	735	(1)	1	-	-
WHITE BASS . . . . .	200	25	8,600	907	47,200	6,603
WHITEFISH, COMMON	32,900	14,790	136,500	61,438	373,800	194,377
YELLOW PERCH . . . . .	9,600	1,719	21,300	3,741	65,900	15,816
YELLOW PIKE . . . . .	1,100	279	3,600	892	12,800	4,229
TOTAL . . . . .	498,000	106,936	302,100	90,968	735,600	285,216

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

# LAKE FISHERIES

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## CATCH BY LAKES AND STATES, 1951 - Continued

SPECIES	LAKE ERIE - CONTINUED					
	OHIO		MICHIGAN		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUE PIKE . . . . .	1,867,100	\$522,274	-	-	2,150,100	\$584,950
BOWFIN . . . . .	-	-	8,200	\$246	8,200	246
BUFFALOFISH . . . . .	2,300	368	-	-	2,300	368
BULLHEADS . . . . .	43,800	8,750	22,900	3,117	66,700	11,868
BURBOT . . . . .	178,300	19,612	400	16	185,500	19,730
CARP . . . . .	1,558,800	124,706	671,700	27,954	2,231,000	152,699
CATFISH . . . . .	1,258,400	302,016	24,600	5,192	1,283,500	307,260
CISCO . . . . .	92,500	30,779	-	-	149,700	54,358
GIZZARD SHAD . . . . .	400	13	-	-	400	13
GOLDFISH . . . . .	125,600	6,283	-	-	125,600	6,283
MOONEYE . . . . .	20,900	1,035	600	93	21,500	1,128
PIKE OR PICKEREL (JACKS)	(1)	5	4,100	576	4,100	581
ROCK BASS . . . . .	-	-	3,100	392	3,100	396
SAUGER . . . . .	388,000	102,162	9,400	1,996	397,400	104,158
SHEEPSHEAD . . . . .	3,502,900	175,146	81,200	2,392	3,592,700	177,886
STURGEON . . . . .	10,100	14,357	-	-	11,100	15,226
SUCKER MULLET	516,800	25,336	31,200	988	558,400	26,825
SUNFISH . . . . .	-	-	-	-	(1)	-
WHITE BASS . . . . .	944,000	193,853	36,300	3,803	1,036,100	205,165
WHITEFISH, COMMON . . . . .	375,300	160,007	100	32	885,700	415,854
YELLOW PERCH . . . . .	2,396,700	608,602	41,800	9,167	2,525,700	637,326
YELLOW PIKE . . . . .	5,418,100	1,659,507	247,800	61,212	5,682,300	1,725,840
TOTAL . . . . .	18,700,000	3,954,811	1,183,400	117,176	20,921,100	4,448,171

SPECIES	LAKE HURON		LAKE MICHIGAN			
	MICHIGAN		MICHIGAN		INDIANA	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN . . . . .	7,200	\$208	(1)	(1)	-	-
BUFFALOFISH . . . . .	-	-	-	-	100	\$10
BULLHEADS . . . . .	6,300	803	1,000	\$67	-	-
BURBOT . . . . .	(1)	1	200	17	-	-
CARP . . . . .	1,677,100	73,604	23,400	1,066	800	36
CATFISH . . . . .	227,100	55,785	300	57	-	-
CHUBS . . . . .	114,200	25,059	2,839,100	482,111	-	-
GIZZARD SHAD . . . . .	(1)	3	-	-	-	-
LAKE HERRING . . . . .	1,378,600	103,478	4,917,100	231,468	50,200	2,364
LAKE TROUT . . . . .	(1)	9	2,200	953	-	-
MOONEYE . . . . .	(1)	(1)	-	-	-	-
PIKE OR PICKEREL (JACKS)	5,800	877	6,200	881	200	-
ROCK BASS . . . . .	9,400	1,508	1,000	111	-	31
SAUGER . . . . .	400	84	200	33	-	-
SHEEPSHEAD . . . . .	1,500	113	2,400	171	-	-
SMELT . . . . .	217,600	10,316	2,442,900	126,584	300	16
STURGEON . . . . .	500	494	200	200	-	-
SUCKER MULLET	1,197,300	70,044	760,800	38,207	1,200	59
WHITE BASS . . . . .	100	10	(1)	2	-	-
WHITEFISH:						
COMMON . . . . .	142,600	72,639	971,100	461,097	200	92
MEMORINEE . . . . .	18,300	4,841	51,100	11,371	-	-
YELLOW PERCH . . . . .	363,500	72,890	340,900	67,746	36,500	7,254
YELLOW PIKE . . . . .	153,900	59,899	537,700	188,410	-	-
TOTAL . . . . .	5,521,400	552,665	12,897,800	1,610,572	89,500	9,862

SPECIES	LAKE MICHIGAN - CONTINUED					
	ILLINOIS		WISCONSIN		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN . . . . .	-	-	-	-	(1)	(1)
BUFFALOFISH . . . . .	-	-	-	-	100	\$10
BULLHEADS . . . . .	-	-	41,000	\$4,102	42,000	4,189
BURBOT . . . . .	1,200	\$24	15,200	304	16,600	345
CARP . . . . .	-	-	1,111,500	33,346	1,135,700	34,448
CATFISH . . . . .	-	-	9,200	2,756	9,500	2,813
CHUBS . . . . .	822,200	164,436	6,639,900	988,872	10,301,200	1,635,419
GARFISH . . . . .	-	-	(1)	(1)	(1)	(1)
LAKE HERRING . . . . .	14,100	1,126	3,392,600	203,570	8,374,200	438,528
LAKE TROUT . . . . .	2,200	1,120	6,700	1,502	11,100	3,575

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

## LAKE FISHERIES

## CATCH BY LAKES AND STATES, 1951 - Continued

SPECIES	LAKE MICHIGAN - CONTINUED					
	ILLINOIS		WISCONSIN		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
PIKE OR PICKEREL (JACKS)	-	-	9,600	\$1,245	16,000	\$2,157
ROCK BASS	-	-	-	-	1,000	111
SAUGER	-	-	-	-	200	33
SHEEPSHEAD	-	-	19,500	2,149	21,900	2,320
SMELT	800	\$25	955,000	95,498	3,399,000	222,123
STURGEON	-	-	-	-	200	200
SUCKER "MULLET"	-	-	246,100	14,764	1,008,100	53,030
WHITE BASS	-	-	-	-	(1)	2
WHITEFISH:						
COMMON	-	-	242,300	121,128	1,213,600	582,317
MENOMINEE	-	-	44,300	4,874	95,400	16,245
YELLOW PERCH	209,100	39,727	854,700	153,851	1,441,200	268,578
YELLOW PIKE	-	-	22,500	5,625	560,200	194,035
CRAWFISH	-	-	600	160	600	160
TOTAL	1,049,600	206,458	13,610,900	1,633,746	27,647,800	3,460,638

SPECIES	LAKE SUPERIOR					
	MICHIGAN		WISCONSIN		MINNESOTA	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BURBOT	400	\$17	6,600	\$133	-	-
CARP	200	10	(1)	(1)	-	-
CHUBS	68,300	11,758	6,500	969	100	\$50
LAKE HERRING	2,828,800	116,918	5,346,700	187,136	2,248,800	135,394
LAKE TROUT	2,174,000	878,077	507,900	258,929	233,100	104,445
PIKE OR PICKEREL (JACKS)	1,000	172	900	114	-	-
SMELT	(1)	(1)	1,000	97	-	-
STURGEON	100	133	-	-	-	-
SUCKER "MULLET"	83,200	5,258	43,800	2,626	-	-
WHITEFISH:						
COMMON	244,400	112,088	182,800	91,276	14,400	5,744
MENOMINEE	11,800	2,133	4,400	482	500	190
YELLOW PERCH	3,300	804	-	-	-	-
YELLOW PIKE	2,600	912	19,700	4,914	-	-
TOTAL	5,418,100	1,128,280	6,120,300	546,675	2,496,900	245,823

SPECIES	LAKE SUPERIOR - CONT'D.		LAKE OF THE WOODS, NAMAKAN LAKE, AND RAINY LAKE		TOTAL, ALL LAKES	
	TOTAL		MINNESOTA		POUNDS	VALUE
	POUNDS	VALUE	POUNDS	VALUE		
ALEWIVES	-	-	-	-	200	\$70
BLUE PIKE	-	-	-	-	2,401,800	625,226
BOWFIN	-	-	-	-	21,600	1,070
BUFFALOFISH	-	-	-	-	2,400	378
BULLHEADS	-	-	94,400	\$13,350	288,400	49,960
BURBOT	7,000	\$150	361,600	10,808	570,900	31,056
CARP	200	10	-	-	5,054,400	261,385
CATFISH	-	-	-	-	1,520,200	365,880
CHUBS	74,900	12,777	-	-	10,529,200	1,689,584
CISCO	-	-	-	-	155,600	56,833
CRAPPIE	-	-	-	-	(1)	5
EELS	-	-	-	-	11,600	2,009
GARFISH	-	-	-	-	(1)	(1)
GIZZARD SHAD	-	-	-	-	400	16
GOLDFISH	-	-	-	-	125,600	6,283
LAKE HERRING	10,424,300	439,448	-	-	20,177,100	981,454
LAKE TROUT	2,915,000	1,241,451	-	-	2,928,000	1,245,612
MOONEYE	-	-	-	-	21,500	1,128
PIKE OR PICKEREL (JACKS)	1,900	286	101,500	9,340	129,300	13,241
QUILLBACK	-	-	2,300	70	2,300	70
ROCK BASS	-	-	-	-	25,500	3,218
SAUGER	-	-	73,900	12,570	471,900	116,845
SHEEPSHEAD	-	-	-	-	3,616,100	180,319
SMELT	1,000	97	-	-	3,624,700	235,378
STURGEON	100	133	-	-	13,000	16,937
SUCKER "MULLET"	127,000	7,884	118,200	3,095	3,030,900	162,631
SUNFISH	-	-	-	-	6,100	736
TULLIBEE	-	-	430,600	40,920	430,600	40,920
WHITE BASS	-	-	-	-	1,036,400	205,203
WHITEFISH:						
COMMON	441,600	209,108	44,200	11,045	2,760,600	1,305,753
MENOMINEE	16,700	2,805	-	-	130,400	23,891
YELLOW PERCH	3,300	804	12,000	2,260	4,355,300	983,577
YELLOW PIKE	22,300	5,826	283,800	70,940	6,703,600	2,056,819
CRAWFISH	-	-	-	-	600	160
TOTAL	14,035,300	1,920,779	1,522,500	174,398	70,146,100	10,663,587

1/ LESS THAN 50 POUNDS OR 50 CENTS.

# LAKE FISHERIES

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## MANUFACTURED FISHERY PRODUCTS - VARIOUS YEARS

ITEM			NEW YORK AND PENNSYLVANIA		OHIO	
	YEAR	UNIT	QUANTITY	VALUE	QUANTITY	VALUE
<b>BY MANUFACTURING ESTABLISHMENTS:</b>						
<b>BLUE PIKE:</b>						
FRESH FILLETS . . . . .	1951	POUNDS	519,674	\$299,377	405,591	\$271,112
FROZEN FILLETS . . . . .	1951	DO	174,030	92,062	101,520	65,843
CARP, SMOKED . . . . .	1950	DO	-	-	9,500	3,550
CHUB, SMOKED . . . . .	1950	DO	(3)	(3)	(3)	(3)
CISCO, SMOKED . . . . .	1950	DO	5,000	3,175	83,300	59,250
EELS, SMOKED . . . . .	1950	DO	(3)	-	-	-
HERRING, LAKE:						
FRESH AND FROZEN FILLETS . .	1951	DO	(3)	(3)	(3)	(3)
SALTED . . . . .	1950	DO	(3)	(3)	-	-
SMOKED . . . . .	1950	DO	(3)	(3)	-	-
HERRING, SEA, SALTED, SPICED, AND PICKLED . . . . .	1950	DO	(3)	(3)	241,200	118,790
<b>LAKE TROUT:</b>						
FRESH AND FROZEN FILLETS . .	1951	DO	8,003	4,292	4,528	2,668
SMOKED . . . . .	1950	DO	-	-	3,000	2,125
MOONEYE, SMOKED . . . . .	1950	DO	-	-	3,000	1,050
PIKE OR PICKEREL, FRESH AND FROZEN FILLETS . . . . .	1951	DO	-	-	-	-
SABLEFISH, SMOKED . . . . .	1950	DO	(3)	(3)	(3)	(3)
<b>SALMON:</b>						
FROZEN STEAKS . . . . .	1951	DO	-	-	(3)	(3)
SMOKED . . . . .	1950	DO	(3)	(3)	92,500	79,900
<b>SAUGER:</b>						
FRESH FILLETS . . . . .	1951	DO	163,256	97,763	78,490	49,847
FROZEN FILLETS . . . . .	1951	DO	145,500	71,825	49,647	31,990
STURGEON, SMOKED . . . . .	1950	DO	(3)	(3)	-	-
WHITE BASS, FRESH FILLETS . .	1951	DO	7,500	3,205	3,110	1,739
<b>WHITEFISH, COMMON:</b>						
FRESH FILLETS . . . . .	1951	DO	2/36,525	2/21,706	33,439	22,069
FROZEN FILLETS . . . . .	1951	DO	(2)	(2)	10,933	5,603
SMOKED . . . . .	1950	DO	75,500	51,925	71,500	48,600
<b>YELLOW PERCH:</b>						
FRESH FILLETS . . . . .	1951	DO	2/27,280	2/16,751	230,828	148,372
FROZEN FILLETS . . . . .	1951	DO	(2)	(2)	17,500	10,323
<b>YELLOW PIKE:</b>						
FRESH FILLETS . . . . .	1951	DO	35,316	20,577	261,718	181,201
FROZEN FILLETS . . . . .	1951	DO	(3)	(3)	17,070	11,694
<b>UNCLASSIFIED PRODUCTS:</b>						
SMOKED AND SALTED FISH AND SMOKED AND PACKAGED SHELLFISH MISCELLANEOUS PRODUCTS AND BYPRODUCTS . . . . .	1951	-	4/1,715,525	4/561,256	5/620,000	5/880,000
TOTAL . . . . .			-	1,255,114	-	1,998,567
<b>FISHERMEN'S PREPARED PRODUCTS:</b>						
<b>BLUE PIKE FILLETS, FRESH . . . . .</b>						
CARP, SMOKED . . . . .	1950	POUNDS	13,000	5,500	60,000	42,000
CATFISH, SMOKED . . . . .	1950	DO	-	-	650	290
CISCO, SMOKED . . . . .	1950	DO	-	-	160	120
MONEYE, SMOKED . . . . .	1950	DO	-	-	200	100
SUCKER, SMOKED . . . . .	1950	DO	-	-	50	25
SMOKED . . . . .	1950	DO	-	-	200	50
<b>WHITEFISH, COMMON:</b>						
FRESH . . . . .	1950	DO	-	-	6,000	4,500
SMOKED . . . . .	1950	DO	-	-	225	115
YELLOW PERCH, FRESH FILLETS .	1950	DO	-	-	20,000	14,000
YELLOW PIKE, FRESH FILLETS .	1950	DO	-	-	25,000	17,500
TOTAL . . . . .			-	5,500	-	78,700
GRAND TOTAL . . . . .			-	1,260,614	-	2,077,267

ITEM			MICHIGAN		ILLINOIS AND INDIANA	
	YEAR	UNIT	QUANTITY	VALUE	QUANTITY	VALUE
<b>BY MANUFACTURING ESTABLISHMENTS:</b>						
<b>BLUE PIKE:</b>						
FRESH FILLETS . . . . .	1951	POUNDS	162,674	\$94,405	2/21,433	2/\$13,307
FROZEN FILLETS . . . . .	1951	DO	82,115	54,080	(2)	(2)
CARP, SMOKED . . . . .	1950	DO	(3)	(3)	(3)	(3)
CHUB, SMOKED . . . . .	1950	DO	777,100	394,944	2,683,600	1,351,108
EEL, SMOKED . . . . .	1950	DO	-	-	34,900	18,090
HALIBUT, FROZEN STEAKS . . . .	1951	DO	-	-	492,000	236,480
<b>HERRING, LAKE:</b>						
FRESH AND FROZEN FILLETS . . .	1951	DO	168,658	28,595	63,912	16,144
SALTED . . . . .	1950	DO	1,785,270	151,752	(3)	(3)
SMOKED . . . . .	1950	DO	189,000	35,066	75,000	22,000

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

## LAKE FISHERIES

## MANUFACTURED FISHERY PRODUCTS - VARIOUS YEARS - Continued

ITEM			MICHIGAN		ILLINOIS AND INDIANA	
	YEAR	UNIT	QUANTITY	VALUE	QUANTITY	VALUE
BY MANUFACTURING ESTABLISHMENTS - CONTINUED						
HERRING, SEA, SALTED, SPICED, AND PICKLED. . . . .	1950	POUNDS	(3)	(3)	4,234,081	\$1,769,237
LAKE TROUT:						
FRESH AND FROZEN FILLETS. . . . .	1951	DO	45,000	\$26,320	155,730	84,944
SMOKED. . . . .	1950	DO	149,100	76,760	79,700	49,290
PIKE OR PICKEREL, FRESH AND FROZEN FILLETS. . . . .	1951	DO	(3)	(3)	30,700	11,366
SABLEFISH, SMOKED. . . . .	1950	DO	155,000	102,950	350,500	197,725
SALMON:						
FROZEN STEAKS. . . . .	1951	DO	-	-	120,000	57,450
SMOKED. . . . .	1950	DO	533,000	275,080	694,900	560,380
SAUGER:						
FRESH FILLETS. . . . .	1951	DO	130,263	80,210	707,485	388,527
FROZEN FILLETS. . . . .	1951	DO	54,341	33,038	251,600	153,340
SUCKER, SMOKED. . . . .	1950	DO	(3)	(3)	-	-
STURGEON, SMOKED. . . . .	1950	DO	-	-	5,700	13,475
TULLIBEE, SMOKED. . . . .	1950	DO	(3)	(3)	-	-
WHITE BASS, FRESH FILLETS. . . . .	1951	DO	(3)	(3)	-	-
WHITEFISH, COMMON:						
FRESH FILLETS. . . . .	1951	DO	24,000	11,275	60,249	33,004
FROZEN FILLETS. . . . .	1951	DO	6,000	2,575	189,536	104,161
SMOKED. . . . .	1950	DO	368,600	125,488	42,200	22,190
WHITEFISH, MENOMINEE, SMOKED. . . . .	1950	DO	15,000	10,050	-	-
YELLOW PERCH:						
FRESH FILLETS. . . . .	1951	DO	88,067	54,853	140,621	89,725
FROZEN FILLETS. . . . .	1951	DO	37,454	25,783	8,114	5,580
YELLOW PIKE:						
FRESH FILLETS. . . . .	1951	DO	61,230	45,922	513,970	323,195
FROZEN FILLETS. . . . .	1951	DO	44,153	30,707	227,630	153,230
UNCLASSIFIED PRODUCTS:						
SMOKED AND SALTED FISH AND SMOKED AND PACKAGED SHELLFISH. MISCELLANEOUS PRODUCTS AND BYPRODUCTS. . . . .	1950	DO	6/784,890	6/322,780	7/347,244	7/159,528
	1951	-	-	12/3,850	-	13/51,050
TOTAL. . . . .			-	2,006,483	-	5,884,526
FISHERMEN'S PREPARED PRODUCTS:						
CARP, SMOKED. . . . .	1950	POUNDS	6,400	2,310	-	-
CATFISH, SMOKED. . . . .	1950	DO	3,000	1,950	-	-
CHUBS, SMOKED. . . . .	1950	DO	76,500	34,100	124,600	74,880
EELS, SMOKED. . . . .	1950	DO	-	-	7,500	3,375
HERRING, LAKE, SMOKED. . . . .	1950	DO	45,900	15,815	-	-
LAKE TROUT, SMOKED. . . . .	1950	DO	17,900	11,505	15,000	8,850
STURGEON, SMOKED. . . . .	1950	DO	-	-	17,000	42,500
SUCKER, SMOKED. . . . .	1950	DO	8,100	2,475	-	-
TULLIBEE, SMOKED. . . . .	1950	DO	200	100	-	-
WHITEFISH, COMMON, SMOKED. . . . .	1950	DO	19,600	12,975	15,000	8,850
WHITEFISH, MENOMINEE, SMOKED. . . . .	1950	DO	9,000	5,475	-	-
SHRIMP, SMOKED. . . . .	1950	DO	-	-	12,000	15,000
TOTAL. . . . .			-	86,705	-	153,455
GRAND TOTAL. . . . .			-	2,093,188	-	6,037,981

ITEM			WISCONSIN		MINNESOTA	
	YEAR	UNIT	QUANTITY	VALUE	QUANTITY	VALUE
BY MANUFACTURING ESTABLISHMENTS:						
CARP, SMOKED. . . . .	1950	POUNDS	46,000	\$11,390	-	-
CHUB, SMOKED. . . . .	1950	DO	1,632,200	721,540	-	-
CISCO, SMOKED. . . . .	1950	DO	-	-	24,000	\$11,990
EELS, SMOKED. . . . .	1950	DO	(3)	(3)	-	-
HALIBUT, FROZEN STEAKS. . . . .	1951	DO	(3)	(3)	-	-
HERRING, LAKE:						
FRESH AND FROZEN FILLETS. . . . .	1951	DO	(3)	(3)	(3)	(3)
SALTED. . . . .	1950	DO	1,958,600	246,508	50,000	6,000
SMOKED. . . . .	1950	DO	759,000	152,925	36,200	9,490
HERRING, SEA, SALTED, SPICED, AND PICKLED. . . . .	1950	DO	447,690	320,500	(3)	(3)
LAKE TROUT:						
FRESH AND FROZEN FILLETS. . . . .	1951	DO	2,243	1,993	-	-
SMOKED. . . . .	1950	DO	138,600	69,540	12,200	6,130
PIKE OR PICKEREL, FRESH AND FROZEN FILLETS. . . . .	1951	DO	(3)	(3)	-	-
SABLEFISH, SMOKED. . . . .	1950	DO	110,700	49,085	(3)	(3)

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

## MANUFACTURED FISHERY PRODUCTS - VARIOUS YEARS - Continued

ITEM			WISCONSIN		MINNESOTA	
	YEAR	UNIT	QUANTITY	VALUE	QUANTITY	VALUE
BY MANUFACTURING ESTABLISHMENTS - CONTINUED						
SALMON:						
FROZEN STEAKS. . . . .	1951	POUNDS	(3)	(3)	-	-
SMOKED . . . . .	1950	DO	18,700	\$10,710	(3)	(3)
SAUGER, FROZEN FILLETS . . . . .	1951	DO	191,600	111,300	-	-
SUCKER, SMOKED . . . . .	1950	DO	4,100	1,080	(3)	(3)
TULLIBEE, SMOKED . . . . .	1950	DO	47,000	15,000	114,000	\$43,850
WHITEFISH, COMMON:						
FRESH FILLETS. . . . .	1951	DO	(3)	(3)	-	-
SMOKED . . . . .	1950	DO	95,800	45,330	(3)	(3)
WHITEFISH, MENOMINEE, SMOKED	1950	DO	(3)	(3)	-	-
YELLOW PERCH, FROZEN FILLETS	1951	DO	30,000	17,670	-	-
UNCLASSIFIED PRODUCTS:						
SMOKED AND SALTED FISH AND PACKAGED SHELLFISH. . . . .	1950	DO	8/7,260	8/3,024	9/1,101,500	9/253,745
MISCELLANEOUS PRODUCTS AND BYPRODUCTS. . . . .						
	1951	DO	-	14/42,570	-	15/2,214
TOTAL. . . . .			-	1,820,165	-	333,419
FISHERMEN'S PREPARED PRODUCTS:						
CHUBS, SMOKED. . . . .	1950	POUNDS	65,400	35,180	-	-
CISCO, SMOKED. . . . .	1950	DO	-	-	6,700	4,040
HERRING, LAKE:						
SALTED . . . . .	1950	DO	75,000	7,650	80,000	4,800
ROE, SALTED. . . . .	1950	DO	-	-	4,000	360
SMOKED . . . . .	1950	DO	5,500	1,360	11,500	5,650
LAKE TROUT, SMOKED . . . . .	1950	DO	1,000	630	2,300	1,680
WHITEFISH, COMMON:						
SALTED . . . . .	1950	DO	2,000	900	-	-
SMOKED . . . . .	1950	DO	9,900	5,435	-	-
WHITEFISH, MENOMINEE, SMOKED	1950	DO	-	-	200	140
TOTAL. . . . .			-	51,155	-	16,670
GRAND TOTAL. . . . .			-	1,871,320	-	350,089

1/ DATE ON THE PRODUCTION OF THE VARIOUS PRODUCTS ARE FOR THE YEARS INDICATED. 2/ FRESH AND FROZEN FILLETS ARE COMBINED. 3/ INCLUDED UNDER "UNCLASSIFIED PRODUCTS." 4/ INCLUDES SALTED LAKE HERRING AND SEA HERRING; AND SMOKED CHUB, EEL, LAKE HERRING, SALMON, SABLEFISH, AND STURGEON. 5/ INCLUDES SMOKED CHUB AND SABLEFISH; AND FRESH AND FROZEN COOKED SHRIMP. 6/ INCLUDES SALTED AND PICKLED ANCHOVY, SEA HERRING, AND SALMON; AND SMOKED CARP, SUCKER, TULLIBEE, WHITING, AND UNCLASSIFIED SPECIES. 7/ INCLUDES SALTED ANCHOVY, LAKE HERRING, AND MACKEREL; AND SMOKED CARP, PADDLEFISH, AND SHRIMP. 8/ INCLUDES SALTED LAKE TROUT; AND SMOKED EEL, MENOMINEE WHITEFISH, YELLOW PIKE, AND UNCLASSIFIED SPECIES. 9/ INCLUDES SALTED COD (LUTEFISH), SEA HERRING, AND LAKE TROUT; AND SMOKED BULLHEAD, SABLEFISH, SALMON, SUCKER, COMMON WHITEFISH, AND WHITE PERCH. 10/ INCLUDES FRESH LAKE HERRING FILLETS AND FROZEN YELLOW PIKE FILLETS. 11/ INCLUDES FRESH FILLETS OF LAKE HERRING, PIKE OR PICKEREL, AND SHEEPSHEAD; AND FROZEN FILLETS OF SALMON, SHEEPSHEAD, SUCKER, AND RED SNAPPER. 12/ INCLUDES FRESH FILLETS OF WHITE BASS, AND FROZEN FILLETS OF PIKE OR PICKEREL. 13/ INCLUDES FRESH FILLETS OF BUFFALOFISH, CARP, SHEEPSHEAD, AND RED SNAPPER; AND FROZEN FILLETS OF RED SNAPPER, SUCKER, AND UNCLASSIFIED SPECIES. 14/ INCLUDES FRESH FILLETS OF CARP AND WHITEFISH; FROZEN FILLETS OF LAKE HERRING AND PIKE OR PICKEREL; FROZEN STEAKS OF HALIBUT AND SALMON; AND CANNED WHITEFISH CAVIAR. 15/ INCLUDES FROZEN FILLETS OF LAKE HERRING AND UNCLASSIFIED MEAL.

## SUMMARY OF PRODUCTION, BY STATES

STATE	MANUFACTURED FISHERY PRODUCTS	FISHERMEN'S PREPARED PRODUCTS	TOTAL
	VALUE	VALUE	VALUE
NEW YORK. . . . .	\$1,216,929	\$1,500	\$1,218,429
PENNSYLVANIA. . . . .	38,185	4,000	42,185
OHIO. . . . .	1,998,567	78,700	2,077,267
MICHIGAN. . . . .	2,006,483	86,705	2,093,188
ILLINOIS AND INDIANA. . . . .	5,884,526	153,455	6,037,981
WISCONSIN . . . . .	1,820,165	51,155	1,871,320
MINNESOTA . . . . .	333,419	16,670	350,089
TOTAL. . . . .	13,298,274	392,185	13,690,459

## SUMMARY OF PRODUCTION, BY COMMODITIES

SUMMARY OF ITEMS	YEAR	UNIT	QUANTITY	VALUE
FRESH AND FROZEN PACKAGED FISH. . . . .	1951	POUNDS	6,788,535	\$3,807,949
CANNED AND BYPRODUCTS . . . . .	1951	-	-	24,974
FRESH FILLETS AND FRESH AND FROZEN SHELLFISH . . . . .	1950	POUNDS	674,000	921,000
CURED FISH AND SHELLFISH:				
SALTED, DRIED AND PICKLED . . . . .	1950	DO	12,365,635	3,680,689
SMOKED. . . . .	1950	DO	10,555,610	5,255,847
TOTAL. . . . .			-	13,690,459

## LAKE FISHERIES

## UNITED STATES - CATCH BY LAKE, STATE, AND GEAR, 1951

SPECIES	LAKE ONTARIO					
	NEW YORK					
	GILL NETS		TRAP NETS		FYKE OR DROP NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES . . . . .	200	\$10	-	-	-	-
BLUE PIKE . . . . .	249,500	39,917	2,200	\$359	-	-
BOWFIN . . . . .	-	-	5,900	584	300	\$32
BULLHEADS . . . . .	1,300	318	50,400	12,602	25,700	6,435
BURBOT . . . . .	100	10	(1)	3	-	-
CARP . . . . .	-	-	8,800	527	700	43
CATFISH . . . . .	-	-	100	20	(1)	2
CHUBS . . . . .	38,900	16,329	-	-	-	-
CISCO . . . . .	5,800	2,442	100	33	-	-
CRAPPIE . . . . .	-	-	(1)	5	-	-
EELS . . . . .	-	-	11,300	1,953	300	56
LAKE TROUT . . . . .	1,900	577	-	-	-	-
ROCK BASS . . . . .	600	59	11,000	1,102	400	42
SHELT . . . . .	7,100	2,842	-	-	-	-
STURGEON . . . . .	1,100	884	-	-	-	-
SUCKER MULLET <sup>h</sup> . . . . .	3,700	295	15,400	1,230	2,700	220
SUNFISH . . . . .	-	-	5,800	699	300	36
WHITE BASS . . . . .	200	21	(1)	4	-	-
WHITEFISH, COMMON . . . . .	32,900	14,775	(1)	15	-	-
YELLOW PERCH . . . . .	3,000	543	5,600	999	1,000	175
YELLOW PIKE . . . . .	100	15	1,000	264	-	-
TOTAL . . . . .	346,400	79,037	117,600	20,399	31,400	7,041

SPECIES	LAKE ONTARIO - CONTINUED				LAKE ERIE	
	NEW YORK - CONTINUED				NEW YORK	
	HAUL SEINES		TOTAL		GILL NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES . . . . .	-	-	200	\$10	-	-
BLUE PIKE . . . . .	-	-	251,700	40,276	79,600	\$12,738
BOWFIN . . . . .	-	-	6,200	616	-	-
BULLHEADS . . . . .	1,600	\$395	79,000	19,750	(1)	1
BURBOT . . . . .	-	-	100	13	5,600	56
CARP . . . . .	900	54	10,400	624	-	-
CATFISH . . . . .	-	-	100	22	100	6
CHUBS . . . . .	-	-	38,900	16,329	-	-
CISCO . . . . .	-	-	5,900	2,475	13,000	5,451
CRAPPIE . . . . .	-	-	(1)	5	-	-
EELS . . . . .	-	-	11,600	2,009	-	-
LAKE TROUT . . . . .	-	-	1,900	577	-	-
ROCK BASS . . . . .	-	-	12,000	1,203	(1)	4
SHEEPSHEAD . . . . .	-	-	-	-	200	14
SHELT . . . . .	-	-	7,100	2,842	-	-
STURGEON . . . . .	-	-	1,100	884	1,000	839
SUCKER MULLET <sup>h</sup> . . . . .	100	8	21,900	1,753	2,200	172
SUNFISH . . . . .	-	-	6,100	735	(1)	1
WHITE BASS . . . . .	-	-	200	25	8,500	892
WHITEFISH, COMMON . . . . .	-	-	32,900	14,790	136,500	61,438
YELLOW PERCH . . . . .	(1)	2	9,600	1,719	21,200	3,717
YELLOW PIKE . . . . .	-	-	1,100	279	2,800	691
TOTAL . . . . .	2,600	459	498,000	106,936	270,700	86,020

SPECIES	LAKE ERIE - CONTINUED					
	NEW YORK - CONTINUED				PENNSYLVANIA	
	TRAP NETS		TOTAL		GILL NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUE PIKE . . . . .	29,200	\$4,662	108,800	\$17,400	171,200	\$44,506
BULLHEADS . . . . .	-	-	(1)	1	-	-
BURBOT . . . . .	800	8	6,400	64	400	47
CATFISH . . . . .	400	38	500	44	(1)	5
CISCO . . . . .	-	-	13,000	5,451	43,600	17,960
ROCK BASS . . . . .	-	-	(1)	4	-	-
SHEEPSHEAD . . . . .	-	-	200	14	7,400	296

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

# LAKE FISHERIES

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## UNITED STATES - CATCH BY LAKE, STATE, AND GEAR, 1951 - Continued

SPECIES	LAKE ERIE - CONTINUED					
	NEW YORK - CONTINUED				PENNSYLVANIA	
	TRAP NETS		TOTAL		GILL NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
STURGEON . . . . .	-	-	1,000	\$839	(1)	\$30
SUCKER MULLET <sup>fl</sup> . . . . .	-	-	2,200	172	8,000	322
SUNFISH . . . . .	-	-	(1)	1	-	-
WHITE BASS . . . . .	100	\$15	8,600	907	46,000	6,442
WHITFISH, COMMON . . . . .	-	-	136,500	61,438	362,200	188,363
YELLOW PERCH . . . . .	100	24	21,300	3,741	60,200	14,437
YELLOW PIKE . . . . .	800	201	3,600	892	10,900	3,596
TOTAL . . . . .	31,400	4,948	302,100	90,968	710,100	276,004

SPECIES	LAKE ERIE - CONTINUED					
	PENNSYLVANIA - CONTINUED				OHIO	
	POUND NETS		TOTAL		GILL NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUE PIKE . . . . .	3,000	\$770	174,200	\$45,276	50,200	\$13,545
BULLHEADS . . . . .	-	-	-	-	100	21
BURBOT . . . . .	-	-	400	47	2,900	315
CARP . . . . .	500	39	500	39	21,600	1,728
CATFISH . . . . .	(1)	3	(1)	3	23,400	5,615
CISCO . . . . .	400	168	44,200	18,128	84,700	27,942
GIZZARD SHAD . . . . .	-	-	-	-	(1)	1
GOLDFISH . . . . .	-	-	-	-	(1)	1
SAUGER . . . . .	-	-	-	-	130,300	32,584
SHEEPSHEAD . . . . .	1,000	38	8,400	334	51,900	2,592
STURGEON . . . . .	-	-	(1)	30	6,700	9,594
SUCKER MULLET <sup>fl</sup> . . . . .	200	7	8,200	329	25,300	760
WHITE BASS . . . . .	1,200	161	47,200	6,603	87,700	14,037
WHITFISH, COMMON . . . . .	11,600	6,014	373,800	194,377	180,100	70,252
YELLOW PERCH . . . . .	5,700	1,379	65,900	15,816	484,600	111,459
YELLOW PIKE . . . . .	1,900	633	12,800	4,229	502,900	135,782
TOTAL . . . . .	25,500	9,212	735,600	285,212	1,652,400	426,228

SPECIES	LAKE ERIE - CONTINUED					
	OHIO - CONTINUED					
	TRAP NETS		FYKE OR DROP NETS		HAUL SEINES	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUE PIKE . . . . .	1,816,700	\$508,668	200	\$61	-	-
BUFFALOFISH . . . . .	(1)	5	100	16	2,200	\$347
BULLHEADS . . . . .	31,500	6,288	3,400	685	8,800	1,756
BURBOT . . . . .	175,400	19,292	(1)	(1)	(1)	5
CARP . . . . .	317,200	25,377	29,400	2,356	1,190,600	95,245
CATFISH . . . . .	611,800	146,836	5,300	1,280	617,900	148,285
CISCO . . . . .	6,500	2,363	-	-	1,300	474
GIZZARD SHAD . . . . .	-	-	-	-	400	12
GOLDFISH . . . . .	4,500	227	-	-	121,100	6,055
MOONEYE . . . . .	3,400	169	(1)	2	17,500	864
PIKE OR PICKEREL (JACKS) . . . . .	-	-	(1)	3	(1)	2
SAUGER . . . . .	251,300	67,842	900	239	5,500	1,497
SHEEPSHEAD . . . . .	2,483,300	124,167	10,800	541	956,900	47,846
STURGEON . . . . .	2,800	3,970	500	704	100	89
SUCKER MULLET <sup>fl</sup> . . . . .	478,900	23,546	5,300	265	7,300	365
WHITE BASS . . . . .	580,500	121,906	22,900	4,804	252,900	53,106
WHITFISH, COMMON . . . . .	195,000	89,715	100	20	100	20
YELLOW PERCH . . . . .	1,900,700	494,187	4,800	1,251	6,600	1,705
YELLOW PIKE . . . . .	4,753,500	1,473,573	46,600	14,447	115,100	35,705
TOTAL . . . . .	13,613,000	3,108,531	130,300	26,674	3,304,300	393,378

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

## LAKE FISHERIES

## UNITED STATES - CATCH BY LAKE, STATE, AND GEAR, 1951 - Continued

SPECIES	LAKE ERIE - CONTINUED					
	OHIO - CONTINUED		MICHIGAN			
	TOTAL		GILL NETS		TRAP NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUE PIKE . . . . .	1,867,100	\$522,274	-	-	-	-
BOWFIN . . . . .	-	-	-	-	200	\$5
BUFFALOFISH . . . . .	2,300	368	-	-	-	-
BULLHEADS . . . . .	43,800	8,750	-	-	10,800	1,464
BURBOT . . . . .	178,300	19,612	-	-	400	16
CARP . . . . .	1,558,800	124,706	-	-	152,500	6,345
CATFISH . . . . .	1,258,400	302,016	(1)	(1)	14,800	3,126
CISCO . . . . .	92,500	30,779	-	-	-	-
GOLOFISH . . . . .	400	13	-	-	-	-
GIZZARD SHAD . . . . .	125,600	6,283	-	-	-	-
MOONEYE . . . . .	20,900	1,035	500	\$73	100	20
PIKE OR PICKEREL (JACKS) . . . . .	(1)	5	100	6	1,300	187
ROCK BASS . . . . .	-	-	-	-	500	67
SAUGER . . . . .	388,000	102,162	(1)	3	9,000	1,905
SHEEPSHEAD . . . . .	3,502,900	175,146	-	-	68,700	2,025
STURGEON . . . . .	10,100	14,357	-	-	-	-
SUCKER MULLET <sup>h</sup> . . . . .	516,800	25,336	-	-	27,500	871
WHITE BASS . . . . .	944,000	193,853	-	-	29,000	3,038
WHITEFISH, COMMON . . . . .	375,300	160,007	-	-	100	32
YELLOW PERCH . . . . .	2,396,700	608,602	100	22	29,500	6,479
YELLOW PIKE . . . . .	5,418,100	1,659,507	(1)	5	215,600	53,260
TOTAL . . . . .	18,700,000	3,954,811	700	109	560,000	78,840

SPECIES	LAKE ERIE - CONTINUED					
	MICHIGAN - CONTINUED					
	FYKE OR DROP NETS		HAUL SEINES		LINES, TROT	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN . . . . .	8,000	\$241	-	-	-	-
BULLHEADS . . . . .	10,100	1,375	1,600	\$219	400	\$59
CARP . . . . .	118,400	9,327	399,900	16,644	900	38
CATFISH . . . . .	4,400	921	800	181	4,600	964
PIKE OR PICKEREL (JACKS) . . . . .	2,000	285	700	98	-	-
ROCK BASS . . . . .	2,600	325	-	-	-	-
SAUGER . . . . .	400	88	-	-	-	-
SHEEPSHEAD . . . . .	6,200	181	4,300	126	2,000	60
SUCKER MULLET <sup>h</sup> . . . . .	2,100	66	1,600	51	-	-
WHITE BASS . . . . .	6,400	672	900	93	-	-
YELLOW PERCH . . . . .	12,000	2,622	-	-	200	44
YELLOW PIKE . . . . .	29,400	7,255	2,800	687	(1)	5
TOTAL . . . . .	202,000	18,958	412,600	18,099	8,100	1,170

SPECIES	LAKE ERIE - CONTINUED				LAKE HURON			
	MICHIGAN - CONTINUED				MICHIGAN			
	TOTAL		FYKE OR DROP NETS		HAUL SEINES			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN . . . . .	8,200	\$246	400	\$12	300	\$8	-	-
BULLHEADS . . . . .	22,900	3,117	2,700	339	600	78	-	-
BURBOT . . . . .	400	16	-	-	-	-	-	-
CARP . . . . .	671,700	27,954	37,400	1,643	1,124,600	49,354	-	-
CATFISH . . . . .	24,600	5,192	1,400	346	40,100	9,844	-	-
LAKE HERRING . . . . .	-	-	100	11	-	-	-	-
MOONEYE . . . . .	600	93	-	-	-	-	-	-
PIKE OR PICKEREL (JACKS) . . . . .	4,100	576	1,100	167	100	20	-	-
ROCK BASS . . . . .	3,100	392	2,000	315	100	10	-	-
SAUGER . . . . .	9,400	1,996	(1)	2	-	-	-	-
SHEEPSHEAD . . . . .	81,200	2,392	-	-	-	-	-	-
SUCKER MULLET <sup>h</sup> . . . . .	31,200	988	164,900	9,648	68,500	4,008	-	-
WHITE BASS . . . . .	36,300	3,803	-	-	-	-	-	-
WHITEFISH, COMMON . . . . .	100	32	-	-	-	-	-	-
YELLOW PERCH . . . . .	41,800	9,167	45,800	9,179	2,000	402	-	-
YELLOW PIKE . . . . .	247,800	61,212	200	70	3,500	1,364	-	-
TOTAL . . . . .	1,183,400	117,176	256,000	21,732	1,239,800	65,088	-	-

SEE FOOTNOTE AT END OF TABLE.

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# LAKE FISHERIES

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## UNITED STATES - CATCH BY LAKE, STATE, AND GEAR, 1951 - Continued

SPECIES	LAKE HURON - CONTINUED					
	MICHIGAN - CONTINUED					
	LINES, TROT		GILL NETS		POUND NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BULLHEADS . . . . .	(1)	(1)	(1)	\$1	-	-
BURBOT . . . . .	-	-	(1)	(1)	-	-
CARP . . . . .	400	\$16	275,700	12,102	400	\$18
CATFISH . . . . .	43,900	10,781	500	119	100	37
CHUBS . . . . .	-	-	114,200	25,056	-	-
LAKE HERRING . . . . .	-	-	73,600	5,524	59,400	4,455
LAKE TROUT . . . . .	-	-	(1)	2	-	1
PIKE OR PICKEREL (JACKS) . . . . .	-	-	100	7	-	-
ROCK BASS . . . . .	(1)	7	(1)	2	(1)	(1)
SAUGER . . . . .	-	-	(1)	4	(1)	(1)
SMELT " . . . . .	-	-	(1)	-	216,400	10,260
SUCKER " MULLET " . . . . .	-	-	10,400	607	600	32
WHITEFISH:						
COMMON . . . . .	-	-	5,900	3,017	5,600	2,869
MENOMINEE . . . . .	-	-	17,300	4,566	(1)	1
YELLOW PERCH . . . . .	(1)	2	40,800	8,191	200	41
YELLOW PIKE . . . . .	-	-	300	112	(1)	6
TOTAL . . . . .	44,300	10,806	538,800	59,310	282,700	17,720

SPECIES	LAKE HURON - CONTINUED					
	MICHIGAN - CONTINUED					
	TRAP NETS		LINES, TROLL		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN . . . . .	6,500	\$188	-	-	7,200	\$208
BULLHEADS . . . . .	3,500	395	-	-	6,300	803
BURBOT . . . . .	(1)	1	-	-	(1)	1
CARP . . . . .	239,600	10,471	-	-	1,677,100	73,604
CATFISH . . . . .	141,100	34,658	-	-	227,100	55,785
CHUBS . . . . .	(1)	3	-	-	114,200	25,059
GIZZARD SHAD . . . . .	(1)	3	-	-	(1)	3
LAKE HERRING . . . . .	1,245,500	93,488	-	-	1,378,600	103,478
LAKE TROUT . . . . .	(1)	6	-	-	(1)	9
MOONEYE . . . . .	(1)	(1)	-	-	(1)	(1)
PIKE OR PICKEREL (JACKS) . . . . .	4,500	683	-	-	5,800	877
ROCK BASS . . . . .	7,300	1,174	-	-	9,400	1,508
SAUGER . . . . .	400	78	-	-	400	84
SHEEPSHEAD . . . . .	1,500	113	-	-	1,500	113
SMELT . . . . .	1,200	56	-	-	217,600	10,316
STURGEON . . . . .	500	494	-	-	500	494
SUCKER " MULLET " . . . . .	952,900	55,749	-	-	1,197,300	70,044
WHITE BASS . . . . .	100	10	-	-	100	10
WHITEFISH:						
COMMON . . . . .	131,100	66,753	-	-	142,600	72,639
MENOMINEE . . . . .	1,000	274	-	-	18,300	4,841
YELLOW PERCH . . . . .	274,700	55,075	-	-	363,500	72,890
YELLOW PIKE . . . . .	149,700	58,292	200	\$55	153,900	59,899
TOTAL . . . . .	3,159,600	377,954	200	55	5,521,400	552,665

SPECIES	LAKE MICHIGAN					
	MICHIGAN					
	FYKE OR DROP NETS		HAUL SEINES		LINES, TROLL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BULLHEADS . . . . .	200	\$16	-	-	-	-
CARP . . . . .	100	3	100	\$3	-	-
CATFISH . . . . .	(1)	2	-	-	-	-
LAKE HERRING . . . . .	400	20	-	-	-	-
PIKE OR PICKEREL (JACKS) . . . . .	600	82	-	-	-	-
ROCK BASS . . . . .	(1)	3	-	-	-	-
SHEEPSHEAD . . . . .	(1)	1	-	-	-	-
SMELT . . . . .	4,400	230	-	-	-	-
SUCKER " MULLET " . . . . .	5,900	295	(1)	3	-	-
WHITEFISH, COMMON . . . . .	-	-	(1)	3	-	-
YELLOW PERCH . . . . .	2,500	490	(1)	1	-	-
YELLOW PIKE . . . . .	7,800	2,744	-	-	100	\$38
TOTAL . . . . .	21,900	3,886	100	10	100	38

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

## LAKE FISHERIES

## UNITED STATES - CATCH BY LAKE, STATE, AND GEAR, 1951 - Continued

SPECIES	LAKE MICHIGAN - CONTINUED					
	MICHIGAN - CONTINUED					
	GILL NETS		POUND NETS		TRAP NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN . . . . .	(1)	(1)	-	-	-	-
BULLHEADS . . . . .	(1)	\$1	-	-	800	\$70
BURBOT . . . . .	200	17	-	-	-	-
CARP . . . . .	19,000	866	(1)	\$2	4,200	192
CATFISH . . . . .	(1)	2	-	-	300	53
CHUBS . . . . .	2,839,100	492,111	-	-	-	-
LAKE HERRING . . . . .	4,397,700	207,019	315,500	14,851	203,500	9,578
LAKE TROUT . . . . .	2,200	946	(1)	7	-	-
PIKE OR PICKEREL (JACKS) . . . . .	2,000	283	(1)	4	3,600	512
ROCK BASS . . . . .	100	10	-	-	900	98
SAUGER . . . . .	200	30	-	-	(1)	3
SHEEPSHEAD . . . . .	(1)	1	(1)	1	2,400	168
SMELT . . . . .	52,200	2,701	2,383,700	123,518	2,600	135
STURGEON . . . . .	-	-	-	-	200	200
SUCKER "MULLET" . . . . .	218,200	10,959	13,800	692	522,900	26,258
WHITE BASS . . . . .	-	-	(1)	2	-	-
WHITEFISH:						
COMMON . . . . .	656,300	311,616	265,500	126,062	49,300	23,416
MENOMINEE . . . . .	50,800	11,317	100	19	200	35
YELLOW PERCH . . . . .	319,900	63,578	2,200	434	16,300	3,243
YELLOW PIKE . . . . .	247,100	85,566	16,900	5,907	265,800	93,155
TOTAL . . . . .	8,805,000	1,178,023	2,997,700	271,499	1,073,000	157,116

SPECIES	LAKE MICHIGAN - CONTINUED					
	MICHIGAN - CONTINUED		INDIANA			
	TOTAL		GILL NETS		POUND NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN . . . . .	(1)	(1)	-	-	-	-
BUFFALO FISH . . . . .	-	-	-	-	100	\$10
BULLHEADS . . . . .	1,000	\$87	-	-	-	-
BURBOT . . . . .	200	17	-	-	-	-
CARP . . . . .	23,400	1,066	(1)	(1)	300	12
CATFISH . . . . .	300	57	-	-	-	-
CHUBS . . . . .	2,839,100	492,111	-	-	-	-
LAKE HERRING . . . . .	4,917,100	231,468	41,500	\$1,953	8,600	404
LAKE TROUT . . . . .	2,200	953	-	-	-	-
PIKE OR PICKEREL (JACKS) . . . . .	6,200	881	-	-	200	31
ROCK BASS . . . . .	1,000	111	-	-	-	-
SAUGER . . . . .	200	33	-	-	-	-
SHEEPSHEAD . . . . .	2,400	171	-	-	-	-
SMELT . . . . .	2,442,900	126,584	-	-	-	-
STURGEON . . . . .	200	200	-	-	-	-
SUCKER "MULLET" . . . . .	760,800	38,207	200	10	900	44
WHITE BASS . . . . .	(1)	2	-	-	-	-
WHITEFISH:						
COMMON . . . . .	971,100	461,097	-	-	200	92
MENOMINEE . . . . .	51,100	11,371	-	-	-	-
YELLOW PERCH . . . . .	340,900	67,746	35,200	6,992	600	127
YELLOW PIKE . . . . .	537,700	185,410	-	-	-	-
TOTAL . . . . .	12,897,800	1,610,572	76,900	8,955	10,900	720

SPECIES	LAKE MICHIGAN - CONTINUED					
	INDIANA - CONTINUED					
	FYKE OR DROP NETS		HAUL SEINES		LINES, TROT	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CARP . . . . .	-	-	400	\$20	-	-
LAKE HERRING . . . . .	(1)	\$2	-	-	-	-
SMELT . . . . .	100	3	-	-	-	-
SUCKER "MULLET" . . . . .	-	-	100	3	-	-
YELLOW PERCH . . . . .	(1)	4	-	-	600	\$111
TOTAL . . . . .	100	9	500	23	600	111

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

# LAKE FISHERIES

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## UNITED STATES - CATCH BY LAKE, STATE, AND GEAR, 1951 - Continued

SPECIES	LAKE MICHIGAN - CONTINUED					
	INDIANA - CONTINUED				ILLINOIS	
	DIP NETS		TOTAL		GILL NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH . . . . .	-	-	100	\$10	-	-
BURBOT . . . . .	-	-	-	-	1,200	\$24
CARP . . . . .	100	\$4	800	36	-	-
CHUBS . . . . .	-	-	-	-	822,200	164,436
LAKE HERRING . . . . .	100	5	50,200	2,364	14,100	1,126
LAKE TROUT . . . . .	-	-	-	-	2,200	1,120
PIKE OR PICKEREL (JACKS). . . . .	-	-	200	31	-	-
SMELT . . . . .	200	13	300	16	800	25
SUCKER "MULLET" . . . . .	(1)	2	1,200	59	-	-
WHITEFISH, COMMON . . . . .	-	-	200	92	-	-
YELLOW PERCH . . . . .	100	20	36,500	7,254	209,100	39,727
<b>TOTAL . . . . .</b>	<b>500</b>	<b>44</b>	<b>89,500</b>	<b>9,862</b>	<b>1,049,600</b>	<b>206,458</b>

SPECIES	LAKE MICHIGAN - CONTINUED					
	WISCONSIN					
	GILL NETS		POUND NETS		TRAP NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BULLHEADS . . . . .	800	\$78	(1)	\$4	-	-
BURBOT . . . . .	300	6	14,200	298	-	-
CARP . . . . .	151,200	4,536	1,600	40	-	-
CATFISH . . . . .	100	16	500	151	-	-
CHUBS . . . . .	5,581,100	980,116	58,800	8,756	-	-
LAKE HERRING . . . . .	2,476,700	148,604	907,300	54,438	-	-
LAKE TROUT . . . . .	4,500	999	2,200	503	-	-
PIKE OR PICKEREL (JACKS). . . . .	900	113	100	9	-	-
SHEEPSHEAD . . . . .	200	25	800	86	-	-
SMELT . . . . .	317,500	31,749	637,500	63,746	-	-
SUCKER "MULLET" . . . . .	162,800	9,767	21,100	1,266	-	-
WHITEFISH:						
COMMON . . . . .	74,800	37,396	167,400	83,691	-	-
MEMMINEE . . . . .	43,900	4,826	400	48	-	-
YELLOW PERCH . . . . .	426,300	76,739	12,100	2,182	-	-
YELLOW PIKE . . . . .	4,200	1,049	900	214	-	-
CRAWFISH . . . . .	(1)	4	(1)	6	600	\$150
<b>TOTAL . . . . .</b>	<b>10,245,300</b>	<b>1,296,023</b>	<b>1,825,600</b>	<b>215,447</b>	<b>600</b>	<b>150</b>

SPECIES	LAKE MICHIGAN - CONTINUED					LAKE SUPERIOR		
	WISCONSIN - CONTINUED					MICHIGAN		
	FYKE OR DROP NETS		HAUL SEINES		TOTAL		FYKE OR DROP NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BULLHEADS . . . . .	40,200	\$4,019	(1)	\$1	41,000	\$4,102	-	-
BURBOT . . . . .	-	-	-	-	15,200	304	100	\$4
CARP . . . . .	58,600	1,759	900,100	27,002	1,111,500	33,346	-	-
CATFISH . . . . .	2,600	779	6,000	1,810	9,200	2,756	-	-
CHUBS . . . . .	(1)	(1)	-	-	6,639,900	986,872	-	-
GARFISH . . . . .	(1)	(1)	-	-	(1)	(1)	-	-
LAKE HERRING . . . . .	8,800	528	-	-	3,392,800	203,570	-	-
LAKE TROUT . . . . .	-	-	-	-	6,700	1,502	(1)	3
PIKE OR PICKEREL (JACKS). . . . .	8,600	1,118	(1)	5	9,600	1,245	-	-
SHEEPSHEAD . . . . .	12,100	1,334	6,400	704	19,500	2,149	-	-
SMELT . . . . .	(1)	3	-	-	955,000	95,498	-	-
SUCKER "MULLET" . . . . .	58,100	3,487	4,100	244	246,100	14,764	2,800	180
WHITEFISH:								
COMMON . . . . .	(1)	2	100	39	242,300	121,128	(1)	2
MEMMINEE . . . . .	-	-	-	-	44,300	4,874	-	-
YELLOW PERCH . . . . .	416,300	74,930	-	-	854,700	153,851	-	-
YELLOW PIKE . . . . .	9,800	2,451	7,600	1,911	22,500	5,625	200	65
CRAWFISH . . . . .	-	-	-	-	600	160	-	-
<b>TOTAL . . . . .</b>	<b>615,100</b>	<b>90,410</b>	<b>924,300</b>	<b>31,716</b>	<b>13,610,900</b>	<b>1,633,746</b>	<b>3,100</b>	<b>254</b>

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

## LAKE FISHERIES

## UNITED STATES - CATCH BY LAKE, STATE, AND GEAR, 1951 - Continued

SPECIES	LAKE SUPERIOR - CONTINUED					
	MICHIGAN - CONTINUED					
	HAUL SEINES		LINES, TROT		GILL NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BURBOT. . . . .	-	-	(1)	(1)	300	\$13
CARP. . . . .	-	-	-	-	(1)	(1)
CHUBS. . . . .	-	-	-	-	68,300	11,758
LAKE HERRING. . . . .	-	-	-	-	2,800,300	115,739
LAKE TROUT. . . . .	23,400	\$969	152,200	\$61,484	1,943,200	784,875
PIKE OR PICKEREL (JACKS). . . . .	-	-	-	-	(1)	1
SMLT. . . . .	-	-	-	-	(1)	(1)
SUCKER "MULLET". . . . .	(1)	2	-	-	25,500	1,609
WHITEFISH:						
COMMON. . . . .	-	-	-	-	112,700	51,681
MENOMINEE. . . . .	500	84	-	-	11,300	2,048
YELLOW PERCH. . . . .	-	-	-	-	400	103
YELLOW PIKE. . . . .	-	-	-	-	400	156
TOTAL. . . . .	23,900	1,055	152,200	61,484	4,962,400	967,983

SPECIES	LAKE SUPERIOR - CONTINUED					
	MICHIGAN - CONTINUED					
	POUND NETS		TRAP NETS		LINES, TROLL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CARP. . . . .	(1)	(1)	200	\$10	-	-
LAKE HERRING. . . . .	5,100	\$209	(1)	1	-	-
LAKE TROUT. . . . .	15,800	6,390	27,800	11,212	35,000	\$14,113
PIKE OR PICKEREL (JACKS). . . . .	200	40	800	131	-	-
STURGEON. . . . .	100	98	(1)	35	-	-
SUCKER "MULLET". . . . .	600	38	54,300	3,429	-	-
WHITEFISH:						
COMMON. . . . .	74,100	33,975	57,600	26,430	-	-
MENOMINEE. . . . .	(1)	1	-	-	-	-
YELLOW PERCH. . . . .	(1)	1	2,900	700	-	-
YELLOW PIKE. . . . .	200	62	1,800	629	-	-
TOTAL. . . . .	96,100	40,814	145,400	42,577	35,000	14,113

SPECIES	LAKE SUPERIOR - CONTINUED					
	MICHIGAN - CONTINUED			WISCONSIN		
	TOTAL		GILL NETS		POUND NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BURBOT. . . . .	400	\$17	1,200	\$24	5,400	\$109
CARP. . . . .	200	10	(1)	(1)	(1)	(1)
CHUBS. . . . .	68,300	11,758	6,500	969	-	-
LAKE HERRING. . . . .	2,828,800	116,918	5,316,700	186,086	30,000	1,048
LAKE TROUT. . . . .	2,174,000	878,077	431,400	219,951	69,400	35,333
PIKE OR PICKEREL (JACKS). . . . .	1,000	172	300	34	600	80
SMLT. . . . .	(1)	(1)	600	56	400	41
STURGEON. . . . .	100	133	-	-	-	-
SUCKER "MULLET". . . . .	83,200	5,258	14,800	889	29,000	1,737
WHITEFISH:						
COMMON. . . . .	244,400	112,088	82,600	41,229	100,200	50,043
MENOMINEE. . . . .	11,800	2,133	4,200	457	200	25
YELLOW PERCH. . . . .	3,300	804	-	-	-	-
YELLOW PIKE. . . . .	2,600	912	1,000	242	18,600	4,659
TOTAL. . . . .	5,418,100	1,128,280	5,859,300	449,937	253,800	93,075

SPECIES	LAKE SUPERIOR - CONTINUED					
	WISCONSIN - CONTINUED					
	FYKE OR DROP NETS		LINES, TROT		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BURBOT. . . . .	-	-	-	-	6,500	\$133
CARP. . . . .	-	-	-	-	(1)	(1)
CHUBS. . . . .	-	-	-	-	6,500	969

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

# LAKE FISHERIES

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## UNITED STATES - CATCH BY LAKE, STATE, AND GEAR, 1951 - Continued

SPECIES	LAKE SUPERIOR - CONTINUED					
	WISCONSIN - CONTINUED					
	FYKE OR DROP NETS		LINES, TROT		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
LAKE HERRING . . . . .	(1)	\$2	(1)	(1)	5,346,700	\$187,136
LAKE TROUT . . . . .	100	59	7,000	\$3,586	507,900	258,929
PIKE OR PICKEREL (JACKS) . . . . .	-	-	-	-	900	114
SHELT . . . . .	-	-	-	-	1,000	97
SUCKER "MULLET" . . . . .	-	-	-	-	43,800	2,626
WHITEFISH:						
COMMON . . . . .	(1)	4	-	-	182,800	91,276
MENOMINEE . . . . .	-	-	-	-	4,400	482
YELLOW PIKE . . . . .	100	13	-	-	19,700	4,914
TOTAL . . . . .	200	78	7,000	3,586	6,120,300	546,676

SPECIES	LAKE SUPERIOR - CONTINUED					
	MINNESOTA					
	GILL NETS		LINES, TROT		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CHUBS . . . . .	100	\$50	-	-	100	\$50
LAKE HERRING . . . . .	2,248,800	135,394	-	-	2,248,800	135,394
LAKE TROUT . . . . .	205,100	91,907	28,000	\$12,538	233,100	104,445
WHITEFISH:						
COMMON . . . . .	14,400	5,744	-	-	14,400	5,744
MENOMINEE . . . . .	500	190	-	-	500	190
TOTAL . . . . .	2,468,900	233,285	28,000	12,538	2,496,900	245,823

SPECIES	LAKE OF THE WOODS					
	MINNESOTA					
	GILL NETS		POUND NETS		TRAP NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BULLHEADS . . . . .	900	\$181	1,100	\$231	2,400	\$478
BURBOT . . . . .	86,400	2,592	172,500	5,175	80,200	2,406
PIKE OR PICKEREL (JACKS) . . . . .	61,300	5,516	6,300	565	2,800	257
QUILLBACK . . . . .	200	6	100	3	(1)	(1)
SAUGER . . . . .	29,900	5,094	18,400	3,130	21,100	3,580
SUCKER "MULLET" . . . . .	51,200	1,533	8,700	262	5,200	157
TULLIBEE . . . . .	185,500	18,560	61,100	6,103	141,300	14,126
WHITEFISH, COMMON . . . . .	200	48	100	34	100	13
YELLOW PERCH . . . . .	6,700	1,265	600	107	2,300	448
YELLOW PIKE . . . . .	191,200	47,787	30,900	7,727	25,100	6,277
TOTAL . . . . .	613,500	82,582	299,800	23,337	280,500	27,742

SPECIES	LAKE OF THE WOODS - CONTINUED				NAHAKAN LAKE	
	MINNESOTA - CONTINUED				MINNESOTA	
	FYKE OR DROP NETS		TOTAL		GILL NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BULLHEADS . . . . .	59,200	\$11,840	63,600	\$12,730	-	-
BURBOT . . . . .	18,700	550	397,800	10,733	3,800	\$75
PIKE OR PICKEREL (JACKS) . . . . .	10,200	912	80,600	7,250	-	-
QUILLBACK . . . . .	2,000	61	2,300	70	-	-
SAUGER . . . . .	4,500	766	73,900	12,570	-	-
SUCKER "MULLET" . . . . .	8,300	248	73,400	2,200	3,600	70
TULLIBEE . . . . .	(1)	1	387,900	38,790	27,300	1,360
WHITEFISH, COMMON . . . . .	-	-	400	95	9,400	2,360
YELLOW PERCH . . . . .	2,000	380	11,600	2,200	-	-
YELLOW PIKE . . . . .	10,500	2,629	257,700	64,420	-	-
TOTAL . . . . .	115,400	17,397	1,309,200	151,058	44,100	3,865

SPECIES	RAINY LAKE					
	MINNESOTA					
	GILL NETS		POUND NETS		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BULLHEADS . . . . .	23,700	\$477	7,100	\$143	30,800	\$620
PIKE OR PICKEREL (JACKS) . . . . .	20,200	2,017	700	73	20,900	2,090
SUCKER "MULLET" . . . . .	38,000	761	3,200	64	41,200	825
TULLIBEE . . . . .	15,400	770	-	-	15,400	770
WHITEFISH, COMMON . . . . .	30,800	7,698	3,600	892	34,400	8,590
YELLOW PERCH . . . . .	400	59	(1)	1	400	60
YELLOW PIKE . . . . .	25,300	6,311	800	209	26,100	6,520
TOTAL . . . . .	153,800	18,093	15,400	1,382	169,200	19,475

1/ LESS THAN 50 POUNDS OR 50 CENTS.

## SECTION 9 - MISSISSIPPI RIVER FISHERIES

Due to budgetary limitations, it was not possible to conduct a general canvass of the Mississippi River and its tributaries for 1951 data. The most recent complete statistics of the fisheries of this area are those collected for 1950. Summaries of these data are shown in this section and are included in the general review operating unit and catch summaries in Section I of this publication. During 1950, the yield of fishery products amounted to 105,795,800 pounds, valued at \$10,104,129 to the fishermen. This represented an increase of 28 percent in quantity and 249 percent in value compared with the landings in 1931, the most recent previous survey. Rough fish (carp, buffalofish, bullheads, garfish and quillback) taken as a result of lake and stream management programs, and the fishermen and gear employed in taking these, have been included in the 1950 data. Although these fish, in many cases, were not taken by commercial fishermen, they were marketed through commercial channels. Rough fish made up a majority of the catch in some states.

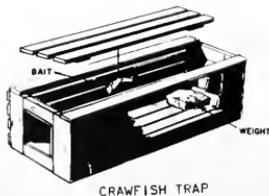
Shown below is a supplementary table which was supplied by the Upper Mississippi River Conservation Commission, which lists the commercial catch statistics of the five upper Mississippi River States (Illinois, Iowa, Minnesota, Missouri, and Wisconsin) for the year 1951. In 1949, the catch was reported as 8,890,771 pounds, and in 1951, the catch amounted to 8,674,598 pounds in these states. The catch of shellfish and rough fish taken in the rough fish removal program was not included in this report.

Detailed data on the fisheries of the Mississippi River and its tributaries for the year 1950 are contained in "Fishery Statistics of the United States 1950", Statistical Digest No. 27. Condensed summary data of the operating units and catch by states of the Mississippi River Fisheries, appearing on the following pages, have been previously published in Current Fishery Statistics No. 840.

## CATCH BY SPECIES, UPPER MISSISSIPPI RIVER, 1951

SPECIES	MISSOURI	ILLINOIS	IOWA	WISCONSIN	MINNESOTA	TOTAL	
	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	VALUE
CARP . . . . .	113,689	727,958	934,595	1,730,860	383,683	3,890,785	\$233,447.10
BUFFALO . . . . .	86,555	62,614	638,695	526,709	177,250	2,051,823	225,700.53
ORUM . . . . .	32,866	234,462	372,516	400,707	86,604	1,127,155	123,967.05
CATFISH . . . . .	35,634	447,869	360,270	333,713	22,848	1,200,334	312,086.84
BULLHEAD . . . . .	792	4,352	65,459	9,665	4	80,272	16,054.40
STURGEON . . . . .	5,515	3,002	4,797	3,008	879	17,201	2,580.15
PADDFISH . . . . .	8,083	30,548	-	-	-	38,631	5,022.03
SUCKER . . . . .	2,246	6,595	8,782	64,190	3,233	85,046	5,102.76
QUILLBACK . . . . .	3,420	27,990	4,630	39,047	5,369	80,456	4,022.80
NORTHERN PIKE . . . . .	-	-	18,558	-	-	18,558	4,268.34
MOONEYE . . . . .	-	1,046	3,294	4,037	344	8,721	436.05
EEL . . . . .	213	653	265	95	-	1,226	159.38
DOG FISH . . . . .	583	8,887	25,706	12,773	2,865	50,814	1,524.42
OTHER . . . . .	8,610	-	4,125	4,893	970	18,598	278.97
TURTLES . . . . .	-	-	2,050	2,928	-	4,978	348.46
TOTAL . . . . .	298,206	2,115,976	2,443,742	3,132,625	684,049	8,674,598	\$935,019.28

\*NOTE:--THESE FIGURES WERE FURNISHED BY THE UPPER MISSISSIPPI RIVER CONSERVATION COMMISSION. SPECIES NAMES ARE THOSE USED BY THE COMMISSION IN ITS REPORT.



CRAWFISH TRAP

# MISSISSIPPI RIVER FISHERIES

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## SECTIONAL SUMMARIES

### SUMMARY OF CATCH, 1950

PRODUCT	ALABAMA		ARKANSAS		ILLINOIS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FISH	1,622,300	\$408,263	10,537,100	\$1,548,834	9,064,500	\$688,222
SHELLFISH, ETC.	6,263,200	96,804	2,620,100	61,226	-	-
TOTAL	7,885,500	505,067	13,157,200	1,610,060	9,064,500	688,222

PRODUCT	IOWA		KENTUCKY		LOUISIANA	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FISH	1,976,800	\$181,162	1,478,000	\$335,609	13,375,300	\$1,732,137
SHELLFISH, ETC.	2,800	244	656,000	11,283	3,218,300	120,825
TOTAL	1,979,600	181,406	2,134,000	346,892	16,593,600	1,852,962

PRODUCT	MINNESOTA		MISSISSIPPI		MISSOURI	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FISH	13,007,100	\$1,371,318	7,628,900	\$1,071,390	685,000	\$72,851
SHELLFISH, ETC.	2,800	224	47,600	10,928	-	-
TOTAL	13,009,900	1,371,542	7,676,500	1,082,318	685,000	72,851

PRODUCT	OKLAHOMA		SOUTH DAKOTA		TENNESSEE	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FISH	1,166,700	\$193,962	2,817,200	\$112,418	6,277,000	\$1,183,668
SHELLFISH, ETC.	-	-	-	-	14,251,600	244,632
TOTAL	1,166,700	193,962	2,817,200	112,418	20,528,600	1,428,300

PRODUCT	WISCONSIN		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE
FISH	9,094,300	\$657,932	78,730,200	\$9,557,766
SHELLFISH, ETC.	3,200	197	27,065,600	546,363
TOTAL	9,097,500	658,129	105,795,800	10,104,129

NOTE:--DATA ARE FOR CALENDAR YEAR EXCEPT FOR IOWA, MINNESOTA, AND SOUTH DAKOTA WHICH ARE FOR A FISCAL YEAR.  
THE DATA WERE OBTAINED FROM RECORDS OF THE VARIOUS STATE FISHERY AGENCIES WHEREVER SUCH RECORDS WERE AVAILABLE. MUCH OF THE DATA FOR ILLINOIS WERE OBTAINED FROM THE ILLINOIS NATURAL HISTORY SURVEY.

### SUMMARY OF OPERATING UNITS, 1950

ITEM	ALABAMA	ARKANSAS	ILLINOIS	IOWA	KENTUCKY	LOUISIANA	MINNESOTA
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:							
REGULAR . . . . .	208	1,190	279	178	128	1,532	416
CASUAL . . . . .	376	2,444	522	2,138	1,017	2,105	503
TOTAL	584	3,634	801	2,316	1,145	3,637	919
BOATS:							
MOTOR . . . . .	53	155	647	1,407	26	694	518
OTHER . . . . .	511	3,763	154	226	1,066	2,836	42
ACCESSORY BOATS . . . . .	-	-	110	106	-	-	25
APPARATUS:							
HAUL SEINES, COMMON . . . . .	34	112	121	89	181	73	971
LENGTH, YARDS . . . . .	2,125	29,600	89,867	26,633	17,070	33,850	211,777
GILL NETS:							
ANCHOR . . . . .	7	59	-	-	-	544	-
SQUARE YARDS . . . . .	2,600	23,800	-	-	-	502,200	-

(CONTINUED ON NEXT PAGE)

## MISSISSIPPI RIVER FISHERIES

## SUMMARY OF OPERATING UNITS, 1950 - Continued

ITEM	ALABAMA	ARKANSAS	ILLINOIS	IOWA	KENTUCKY	LOUISIANA	MINNESOTA
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
APPARATUS - CONTINUED							
GILL NETS - CONTINUED							
STAKE . . . . .	-	-	-	80	-	-	1,651
SQUARE YARDS . . . . .	-	-	-	24,000	-	-	495,166
TRAMMEL NETS . . . . .	29	178	174	197	-	221	-
SQUARE YARDS . . . . .	8,700	62,250	23,300	36,870	-	51,325	-
LINES:							
SNAG . . . . .	675	757	-	-	1,000	-	-
HOOKS . . . . .	318,200	231,100	-	-	470,500	-	-
TROT WITH HOOKS . . . . .	2,719	10,523	974	1,933	1,961	9,408	628
HOOKS . . . . .	271,900	214,936	97,400	193,300	176,690	599,800	62,800
POUND NETS . . . . .	-	16	-	1	-	-	31
FYKE NETS . . . . .	2,211	15,347	16,927	4,317	3,385	20,919	558
DIP NETS . . . . .	-	-	-	51	-	221	-
TRAPS:							
CRAWFISH . . . . .	-	-	-	-	-	4,430	-
FISH . . . . .	-	-	9,021	2,235	-	-	-
SPEARS . . . . .	-	-	-	-	-	70	-
CROWFOOT BARS . . . . .	284	992	-	-	138	-	-
TONGS, OTHER THAN FOR							
OYSTERS . . . . .	-	68	-	-	-	-	-
RAKES, OTHER THAN FOR							
OYSTERS . . . . .	-	15	-	-	-	-	-
GRABS, FROG . . . . .	-	-	-	-	-	886	-
DIVING OUTFITS . . . . .	-	26	-	-	-	-	-

ITEM	MISSISSIPPI	MISSOURI	OKLAHOMA	SOUTH DAKOTA	TENNESSEE	WISCONSIN	TOTAL
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN,							
ON BOATS AND SHORE:							
REGULAR . . . . .	464	145	32	6	851	208	5,637
CASUAL . . . . .	1,102	1,062	170	67	962	1,072	13,560
TOTAL . . . . .	1,566	1,207	202	93	1,813	1,280	19,197
BOATS:							
MOTOR . . . . .	17	884	62	19	202	930	5,634
OTHER . . . . .	1,429	51	88	13	1,842	65	12,086
ACCESSORY BOATS . . . . .	-	40	-	-	-	25	310
APPARATUS:							
HAUL SEINES, COMMON . . . . .	69	54	7	15	-	91	1,817
LENGTH, YARDS . . . . .	26,380	5,400	930	3,550	-	53,900	501,082
GILL NETS:							
ANCHOR . . . . .	131	-	74	-	286	1/882	1,983
SQUARE YARDS . . . . .	113,200	-	24,273	-	73,510	1/264,734	1,004,317
STAKE . . . . .	-	-	-	-	-	(1)	1,731
SQUARE YARDS . . . . .	-	-	-	-	-	(1)	519,166
TRAMMEL NETS . . . . .	60	126	12	-	203	-	1,200
SQUARE YARDS . . . . .	24,035	12,600	2,533	-	51,496	-	273,109
LINES:							
SNAG . . . . .	-	-	-	-	2,484	-	4,916
HOOKS . . . . .	-	-	-	-	1,183,150	-	2,202,950
TROT WITH HOOKS . . . . .	5,725	964	1,105	-	5,476	1,050	42,466
HOOKS . . . . .	88,092	96,400	73,084	-	386,565	105,200	2,366,167
POUND NETS . . . . .	-	-	-	-	-	-	48
FYKE NETS . . . . .	4,479	3,493	784	240	6,634	1,006	82,300
DIP NETS . . . . .	-	-	-	-	73	-	345
TRAPS:							
CRAWFISH . . . . .	-	-	-	-	-	-	4,430
FISH . . . . .	-	-	-	-	358	1,111	12,725
SPEARS . . . . .	-	-	-	-	-	-	70
CROWFOOT BARS . . . . .	-	-	-	-	656	-	2,070
TONGS, OTHER THAN FOR							
OYSTERS . . . . .	-	-	-	-	-	-	68
RAKES, OTHER THAN FOR							
OYSTERS . . . . .	-	-	-	-	-	-	15
GRABS, FROG . . . . .	176	-	-	-	-	-	1,062
DIVING OUTFITS . . . . .	-	-	-	-	-	-	29

1/ IN WISCONSIN STAKE GILL NETS ARE INCLUDED WITH ANCHOR GILL NETS.

NOTE:-OPERATING UNITS IN THE OHIO RIVER ALONG THE BORDERS OF ILLINOIS, INDIANA, AND OHIO HAVE BEEN INCLUDED WITH THE DATA FOR KENTUCKY.

# MISSISSIPPI RIVER FISHERIES

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## CATCH BY STATES, 1950

SPECIES	ALABAMA		ARKANSAS		ILLINOIS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FISH						
BOWFIN . . . . .	-	-	31,700	\$1,600	11,700	\$583
BUFFALOFISH . . . . .	330,900	\$49,185	5,366,500	812,742	2,567,300	252,596
CARP . . . . .	173,500	17,350	1,177,200	94,193	5,240,400	230,222
CARPSUCKER . . . . .	-	-	-	-	28,000	1,241
CATFISH AND BULLHEADS . . . . .	868,900	304,115	1,275,300	318,271	631,100	138,003
EELS, COMMON . . . . .	-	-	-	-	1,600	255
GARFISH . . . . .	-	-	295,800	14,770	-	-
MOONEYE AND GOLDEYE . . . . .	-	-	-	-	200	4
PADDLEFISH OR SPOONBILL CAT . . . . .	125,300	18,853	96,000	9,595	73,400	12,687
QUILLBACK . . . . .	-	-	721,000	106,877	100	15
SHEEPSHEAD . . . . .	119,600	17,940	1,549,300	188,131	489,300	50,009
STURGEON, SHOVELNOSE . . . . .	4,100	820	19,800	1,980	9,500	2,004
SUCKER "MULLET" . . . . .	-	-	4,500	675	11,900	603
TOTAL FISH . . . . .	1,622,300	408,263	10,537,100	1,548,834	9,064,500	688,222
SHELLFISH, ETC.						
MUSSEL SHELLS . . . . .	6,263,200	93,948	2,558,400	51,168	-	-
TURTLES:						
SNAPPER . . . . .	-	-	38,000	5,858	-	-
SOFT-SHELL . . . . .	-	-	7,700	1,070	-	-
UNCLASSIFIED . . . . .	-	-	16,000	1,165	-	-
PEARLS AND SLUGS . . . . .	-	2,856	-	1,965	-	-
TOTAL SHELLFISH, ETC . . . . .	6,263,200	96,804	2,620,100	61,226	-	-
GRAND TOTAL . . . . .	7,885,500	505,067	13,157,200	1,610,060	9,064,500	688,222

SPECIES	IOWA		KENTUCKY		LOUISIANA	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FISH						
BOWFIN . . . . .	2,300	\$114	200	\$20	338,400	\$42,157
BUFFALOFISH . . . . .	626,000	79,055	428,700	87,900	6,448,600	833,935
CARP . . . . .	1,011,600	48,304	331,000	37,651	222,700	12,515
CATFISH AND BULLHEADS . . . . .	169,700	37,372	464,300	154,060	3,259,000	622,515
EELS, COMMON . . . . .	300	79	-	-	-	-
GARFISH . . . . .	500	14	600	60	1,371,500	60,365
MOONEYE AND GOLDEYE . . . . .	300	9	-	-	-	-
PADDLEFISH OR SPOONBILL CAT . . . . .	-	-	62,800	15,700	149,900	10,215
PIKE OR PICKEREL . . . . .	7,100	1,061	-	-	-	-
QUILLBACK . . . . .	9,700	533	15,600	2,815	5,000	150
SHAD . . . . .	18,600	371	-	-	-	-
SHEEPSHEAD . . . . .	119,600	12,830	150,500	31,898	1,580,200	150,285
STURGEON, SHOVELNOSE . . . . .	2,400	593	2,900	725	-	-
SUCKER "MULLET" . . . . .	8,400	826	21,400	4,780	-	-
UNCLASSIFIED . . . . .	300	11	-	-	-	-
TOTAL FISH . . . . .	1,976,800	181,162	1,478,000	335,609	13,375,300	1,732,137
SHELLFISH, ETC.						
CRAWFISH . . . . .	-	-	-	-	1,010,400	57,947
MUSSEL SHELLS . . . . .	-	-	656,000	10,822	-	-
TURTLES:						
LOGGERHEAD . . . . .	-	-	-	-	37,800	3,165
SNAPPER . . . . .	-	-	-	-	122,500	8,452
SOFT-SHELL . . . . .	-	-	-	-	4,300	265
BABY . . . . .	-	-	-	-	1,924,000	19,240
UNCLASSIFIED . . . . .	2,800	244	-	-	-	-
FROGS . . . . .	-	-	-	461	119,300	31,756
PEARLS AND SLUGS . . . . .	-	-	-	-	-	-
TOTAL SHELLFISH, ETC . . . . .	2,800	244	656,000	11,283	3,218,300	120,825
GRAND TOTAL . . . . .	1,979,600	181,406	2,134,000	346,892	16,593,600	1,852,962

(CONTINUED ON NEXT PAGE)

# MISSISSIPPI RIVER FISHERIES

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## CATCH BY STATES, 1950 - Continued

SPECIES	MINNESOTA		MISSISSIPPI		MISSOURI	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FISH						
BOWFIN . . . . .	16,100	\$566	-	-	600	\$25
BUFFALOFISH . . . . .	1,305,800	176,290	4,767,000	\$716,915	146,400	20,499
BURBOT . . . . .	1,600	48	-	-	-	-
CARP . . . . .	7,111,300	519,174	434,600	24,909	361,300	21,679
CATFISH AND BULLHEADS . . . . .	3,308,700	474,618	1,234,600	264,099	91,200	20,917
EELS, COMMON . . . . .	-	-	-	-	500	205
GARFISH . . . . .	11,800	142	531,600	25,331	10,300	-
MOONEYE AND GOLDEYE . . . . .	52,500	5,643	-	-	10,700	1,604
PADDOLEFISH OR SPOONBILL CAT . . . . .	-	-	248,100	16,032	-	-
PIKE OR PICKEREL . . . . .	47,200	6,224	-	-	-	-
QUILLBACK . . . . .	5,300	180	8,700	609	7,400	588
SHEEPSHEAD . . . . .	521,500	51,168	404,300	23,495	44,200	4,852
STURGEON, SHOVELNOSE . . . . .	300	60	-	-	7,900	1,975
SUCKER "MULLET" . . . . .	37,200	1,100	-	-	4,500	448
WHITEFISH, COMMON . . . . .	65,100	11,535	-	-	-	-
YELLOW PERCH . . . . .	139,300	29,366	-	-	-	-
YELLOW PIKE . . . . .	383,400	95,204	-	-	-	-
TOTAL FISH . . . . .	13,007,100	1,371,318	7,628,900	1,071,390	685,000	72,851
SHELLFISH, ETC.						
TURTLES:						
SNAPPER . . . . .	-	-	800	40	-	-
SOFT-SHELL . . . . .	-	-	4,000	176	-	-
UNCLASSIFIED . . . . .	2,800	224	-	-	-	-
FROGS . . . . .	-	-	42,800	10,712	-	-
TOTAL SHELLFISH, ETC . . . . .	2,800	224	47,600	10,928	-	-
GRAND TOTAL . . . . .	13,009,900	1,371,542	7,676,500	1,082,318	685,000	72,851

SPECIES	OKLAHOMA		SOUTH DAKOTA		TENNESSEE	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FISH						
BOWFIN . . . . .	100	\$1	-	-	32,700	\$654
BUFFALOFISH . . . . .	304,800	46,861	144,000	\$9,685	1,842,800	278,685
CARP . . . . .	502,200	36,247	2,215,900	74,425	1,255,400	99,866
CATFISH AND BULLHEADS . . . . .	253,600	85,807	133,700	20,805	2,088,200	657,595
CRAPPIE . . . . .	-	-	-	-	187,600	37,520
GARFISH . . . . .	4,500	108	-	-	6,100	122
PADDOLEFISH OR SPOONBILL CAT . . . . .	91,600	22,860	-	-	103,500	15,408
QUILLBACK . . . . .	4,400	1,013	-	-	81,100	8,116
SHEEPSHEAD . . . . .	5,500	1,065	319,200	7,319	523,200	68,015
STURGEON, SHOVELNOSE . . . . .	-	-	-	-	23,700	3,555
SUCKER "MULLET" . . . . .	-	-	4,400	184	29,800	4,470
SUNFISH . . . . .	-	-	-	-	63,000	5,670
WHITE BASS . . . . .	-	-	-	-	39,900	3,990
TOTAL FISH . . . . .	1,166,700	193,962	2,817,200	112,418	6,277,000	1,183,668
SHELLFISH, ETC.						
MUSSEL SHELLS . . . . .	-	-	-	-	13,584,000	224,136
TURTLES:						
SNAPPER . . . . .	-	-	-	-	65,000	6,540
SOFT-SHELL . . . . .	-	-	-	-	3,600	540
BABY . . . . .	-	-	-	-	550,000	3,300
UNCLASSIFIED . . . . .	-	-	-	-	49,000	2,940
PEARLS AND SLUGS . . . . .	-	-	-	-	-	7,176
TOTAL SHELLFISH, ETC . . . . .	-	-	-	-	14,251,600	244,632
GRAND TOTAL . . . . .	1,166,700	193,962	2,817,200	112,418	20,528,600	1,428,300

SPECIES	WISCONSIN		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE
FISH				
BOWFIN . . . . .	7,900	\$94	441,700	\$45,814
BUFFALOFISH . . . . .	732,500	105,478	25,011,300	3,469,826

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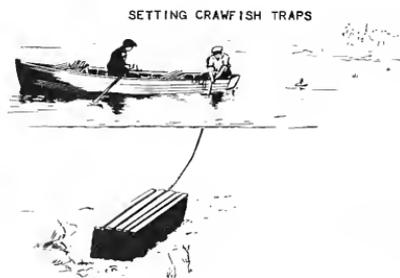
# MISSISSIPPI RIVER FISHERIES

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## CATCH BY STATES, 1950 - Continued

SPECIES	WISCONSIN		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE
<b>FISH</b>				
BURBOT. . . . .	21,300	\$424	22,900	\$472
CARP. . . . .	6,876,000	378,181	26,913,100	1,594,718
CARPSUCKER. . . . .	-	-	28,000	1,241
CATFISH AND BULLHEADS . . . . .	443,300	95,315	14,221,600	3,193,492
CRAPPIE . . . . .	-	-	187,600	37,520
EELS, COMMON. . . . .	1,000	142	3,400	535
GARFISH . . . . .	22,800	684	2,255,500	101,801
MOONEYE AND GOLDOYE . . . . .	14,000	587	67,000	6,243
PADDFISH OR SPOONBILL CAT . . . . .	-	-	961,300	122,954
PIKE OR PICKEREL. . . . .	-	-	54,300	7,285
QUILLBACK . . . . .	86,300	3,969	944,800	124,865
SHAD. . . . .	-	-	18,600	371
SHEEPSHEAD. . . . .	798,500	67,879	6,624,900	674,886
STURGEON, SHOVELNOSE. . . . .	1,800	377	72,400	12,079
SUCKER, MULLET . . . . .	87,800	4,744	209,900	17,830
SUNFISH . . . . .	-	-	63,000	5,670
WHITE BASS. . . . .	-	-	39,900	3,990
WHITEFISH, COMMON . . . . .	-	-	65,100	11,535
YELLOW PERCH . . . . .	-	-	139,300	29,366
YELLOW PIKE . . . . .	-	-	383,400	95,204
UNCLASSIFIED. . . . .	1,100	58	1,400	69
<b>TOTAL FISH . . . . .</b>	<b>9,094,300</b>	<b>657,932</b>	<b>78,730,200</b>	<b>9,557,766</b>
<b>SHELLFISH, ETC.</b>				
CRAWFISH. . . . .	-	-	1,010,400	57,947
MUSSEL SHELLS . . . . .	-	-	23,061,600	380,074
<b>TURTLES:</b>				
LOGGERHEAD. . . . .	-	-	37,800	3,165
SNAPPER . . . . .	-	-	226,300	20,890
SOFT-SHELL. . . . .	-	-	19,600	2,051
BABY. . . . .	-	-	2,474,000	22,540
UNCLASSIFIED. . . . .	3,200	197	73,800	4,770
FROGS . . . . .	-	-	162,100	42,468
PEARLS AND SLUGS. . . . .	-	-	-	12,458
<b>TOTAL SHELLFISH, ETC . . . . .</b>	<b>3,200</b>	<b>197</b>	<b>27,065,600</b>	<b>546,363</b>
<b>GRAND TOTAL. . . . .</b>	<b>9,097,500</b>	<b>658,129</b>	<b>105,795,800</b>	<b>10,104,129</b>

NOTE:— DATA ARE FOR CALENDAR YEAR EXCEPT FOR IOWA, MINNESOTA, AND SOUTH DAKOTA WHICH ARE FOR A FISCAL YEAR. CATCH DATA IN THE OHIO RIVER ALONG THE BORDERS OF ILLINOIS, INDIANA, AND OHIO HAVE BEEN INCLUDED WITH THE DATA FOR KENTUCKY. THESE DATA WERE OBTAINED FROM RECORDS OF THE VARIOUS STATE FISHERY AGENCIES WHEREVER SUCH RECORDS WERE AVAILABLE. MUCH OF THE DATA FOR ILLINOIS WERE OBTAINED FROM THE ILLINOIS NATURAL HISTORY SURVEY.



## MISSISSIPPI RIVER FISHERIES

## MANUFACTURED FISHERY PRODUCTS - VARIOUS YEARS

ITEM	YEAR	STATE	UNIT	QUANTITY	VALUE
BY MANUFACTURING ESTABLISHMENTS:					
BUFFALOFISH, SMOKED . . . . .	1950	IOWA AND MISSOURI	POUNDS	30,550	\$20,525
CARP, SMOKED . . . . .	1950	ILLINOIS, IOWA, AND WISCONSIN	DO	329,239	99,116
CATFISH AND BULLHEADS, SMOKED . . . . .	1950	ILLINOIS, AND IOWA	DO	2,025	1,446
CHUBS, SMOKED . . . . .	1950	IOWA, MISSOURI, AND WISCONSIN	DO	78,800	36,230
COD (LUTEFISH) . . . . .	1950	MINNESOTA	DO	2,921,944	479,418
HERRING, LAKE, SMOKED . . . . .	1950	IOWA AND WISCONSIN	DO	30,800	9,390
HERRING, SEA, SALTED, SPICED AND PICKLED . . . . .	1950	ILLINOIS, MINNESOTA, AND WISCONSIN	DO	2,348,726	588,270
LAKE TROUT, SMOKED . . . . .	1950	ILLINOIS, IOWA, AND WISCONSIN	DO	9,500	6,150
SABLEFISH, SMOKED AND KIPPERED . . . . .	1950	IOWA, MINNESOTA, MISSOURI, AND WISCONSIN	DO	50,750	28,420
SALMON, SMOKED . . . . .	1950	ILLINOIS, IOWA, MINNESOTA, MISSOURI AND WISCONSIN	DO	206,950	131,440
SHEEPSHEAD, SMOKED . . . . .	1950	ILLINOIS AND IOWA	DO	350	135
STURGEON, SMOKED . . . . .	1950	ILLINOIS, IOWA, AND WISCONSIN	DO	22,035	20,255
TULLIBEE, SMOKED . . . . .	1950	IOWA AND MINNESOTA	DO	371,000	147,150
WHITEFISH, SMOKED . . . . .	1950	IOWA, MINNESOTA, AND WISCONSIN	DO	85,400	41,080
WHITING, SMOKED . . . . .	1950	ILLINOIS AND IOWA	DO	82,000	29,350
MUSSEL-SHELL PRODUCTS:					
BUTTONS . . . . .	1951	IOWA AND MISSOURI	GROSS	144,156	3,481,203
POULTRY GRIT AND CUT SHELLS . . . . .	1951	IOWA	TONS	962	34,777
LIME AND DUST . . . . .	1951	IOWA	DO	1,297	5,382
MISCELLANEOUS PRODUCTS AND BYPRODUCTS . . . . .					
MISCELLANEOUS PRODUCTS AND BYPRODUCTS . . . . .	1951	IOWA AND OHIO	-	-	2/194,621
MISCELLANEOUS FISH AND SHELLFISH . . . . .	1950	ILLINOIS, IOWA, AND MISSOURI	POUNDS	3/23,770	3/18,165
TOTAL . . . . .				-	5,372,523

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

2/ INCLUDES TURTLE SOUP AND CHILE CON CARNE; AND MARINE PEARL-SHELL BUTTONS.

3/ INCLUDES SMOKED EELS, MOONEYE, PADOLEFISH, SUCKERS, AND SHRIMP; AND FROZEN SHRIMP AND TURTLE MEAT.

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

## SUMMARY OF PRODUCTION, BY STATES

STATE	VALUE
ILLINOIS . . . . .	\$14,412
IOWA . . . . .	3,769,695
MINNESOTA . . . . .	1,265,883
MISSOURI . . . . .	150,088
OHIO AND WISCONSIN . . . . .	172,445
TOTAL . . . . .	5,372,523

## SUMMARY OF PRODUCTION, BY COMMODITIES

SUMMARY OF ITEMS	YEAR	UNIT	QUANTITY	VALUE
CURED FISH:				
SALTED, DRIED AND PICKLED . . . . .	1950	POUNDS	5,270,670	\$1,067,688
SMOKED FISH AND SHELLFISH 1/ . . . . .	1950	DO	1,323,169	588,852
MISCELLANEOUS PRODUCTS AND BYPRODUCTS (PRINCIPALLY BUTTONS) . . . . .				
	1951	-	-	3,715,983
TOTAL . . . . .			-	5,372,523

1/ INCLUDES A SMALL QUANTITY OF FROZEN SHELLFISH.

During 1951, the commercial catch of fishery products in Alaska totaled 407,727,000 pounds, valued at \$39,260,000. This represented a decrease of 15 percent in quantity but an increase of 25 percent in value compared with the previous year.

The catch of salmon in 1951 totaled 276,588,312 pounds, an increase of 11,669,468 pounds compared with the volume of the previous year. There were decreases in the central and western districts, but an increase in Southeastern Alaska where the 1951 catch was 166,025,547 pounds compared with 101,679,029 pounds in 1950. The increase in this area was confined largely to pink and silver salmon. For the Territory as a whole, compared with 1950, the chinook salmon catch increased 3,592,880 pounds; pink salmon increased 27,938,464 pounds; and silver salmon increased 13,808,016 pounds. Chum salmon and red salmon decreased 8,989,312 pounds and 24,680,580 pounds respectively.

Products of the Alaska fisheries as prepared for market in 1951 totaled 249,763,873 pounds and had a wholesale value of \$95,915,516. This represented a decrease of 4 percent in both volume and value compared with 1950. Salmon products comprised 76 percent of the total output in 1951, and 90 percent of the total value. Halibut products were second in value and herring products third. The number of persons engaged in the industry increased from 27,544 in 1950 to 31,623 in 1951. Fishery wholesale and manufacturing establishments in the Territory increased from 216 in 1950 to 227 in 1951.

During 1951, there was a decline in total herring oil and meal production, but a sharp increase in the number of pounds of herring frozen for bait. Production of oil and meal declined in Central Alaska because herring failed to appear in the Kodiak area. This failure was not anticipated because both age composition of the catches and production were favorable in 1950. It can only be said that the herring were not available to the fishermen. As a result, the production of herring for the Territory was approximately half that of the previous year.

During 1951, seventeen weirs were operated in typical salmon streams, through which the brood fish were counted as means of determining the relation of escapement to catch, and recording accurately the time of arrival and duration of the runs. In addition, observations of the runs were made during the season in all districts to assure that the regulations permitted maximum utilization of the resource consistent with the maintenance of an undiminished supply. Spawning ground surveys after the close of fishing indicated that the escapement in general was satisfactory, except in the Nushagak and Ugashik districts of Bristol Bay, in the Chignik, Kodiak, and Prince William Sound areas, and in the Prince of Wales Island district of Southeastern Alaska, where the runs were abnormally small.

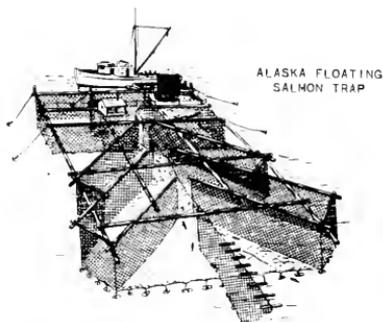
During the year, studies of the life history and fluctuations in abundance of salmon and herring, which provide information in determining appropriate conservation measures, were continued. Exploratory fishing operations to locate new sources of shellfish in commercial quantities were also continued. The exploratory fishing vessel, *John N. Cobb*, operated by the Branch of Commercial Fisheries, of the Fish and Wildlife Service, continued its search for new shrimp grounds in Southeastern Alaska in March and April of 1951. Trawl nets and traps were used in Icy Strait, Lynn Canal, Stephens Passage and tributary waters, and Keku Strait. Strong winds were encountered, hampering shrimping operations, and ice was found in the bays which also restricted fishing operations. The best catches were made in Idaho Inlet, and in Stephens Passage near Point Tantaloon.

In addition to the exploratory fishing for shrimp, a diving exploration for abalone was made from September 15 to October 10, 1951, in Southeastern Alaska off the central west coast of Prince of Wales Island. Seventeen dives were made and abalone beds were located, but commercial quantities were not found present in the areas investigated.

# ALASKA FISHERIES

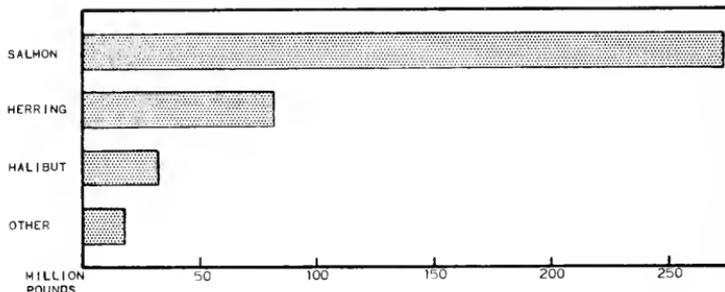
During 1951, there were 9 freezerships operating in Alaska waters compared with 4 in 1950. One feature making the freezerships more popular was the advent of powered fishing boats in Bristol Bay. Prior to 1950, power-equipped fishing craft were prohibited in the Bristol Bay area by regulations. With power, the maneuverability of the fishing craft attached to the freezerships increased the catch.

The information contained in the following tables have previously been published in Current Fishery Statistics No. 811.

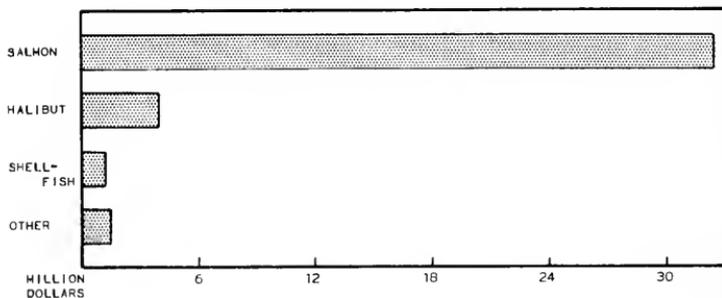


ALASKA FLOATING  
SALMON TRAP

## ALASKA CATCH, 1951



## VALUE OF ALASKA CATCH, 1951





## ALASKA FISHERIES

## CATCH, 1951

(ESTIMATED ROUND WEIGHT AND VALUE TO FISHERMEN)

ITEM	SOUTHEAST ALASKA		CENTRAL ALASKA		WESTERN ALASKA		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
SALMON:								
CHINOOK OR KING . . .	9,487,200	\$2,168,070	4,264,720	\$666,362	2,038,920	\$202,770	15,790,840	\$3,037,202
CHUM OR KETA. . . . .	32,984,080	3,286,383	16,316,272	927,988	3,633,968	163,244	52,934,320	4,377,615
PINK. . . . .	88,844,480	11,070,022	24,739,408	2,059,472	83,708	7,692	113,666,596	13,137,186
RED OR SOCKEYE. . . . .	4,917,726	942,728	24,816,006	3,846,481	28,183,176	1,923,357	57,916,908	6,712,566
SILVER OR COHO. . . . .	29,792,061	4,564,400	5,805,459	505,075	682,128	34,116	36,279,648	5,103,591
HERRING. . . . .	28,159,850	389,867	53,464,850	613,425	-	-	81,624,700	1,003,292
HALIBUT. . . . .	26,795,490	3,445,407	5,249,510	672,201	-	-	32,045,000	4,117,608
TROUT:								
DOLLY VARDEN. . . . .	22,976	2,757	1,536	77	-	-	24,512	2,834
STEELHEAD. . . . .	6,048	525	-	-	-	-	6,048	525
SABLEFISH. . . . .	5,350,173	489,665	465,232	39,703	-	-	5,815,405	529,368
FLOUNDER. . . . .	-	-	4,548	682	-	-	4,548	682
ROCKFISHES. . . . .	7,564	254	-	-	-	-	7,564	254
LINGCOD. . . . .	13,152	684	-	-	-	-	13,152	684
SHARK. . . . .	11,008	110	-	-	-	-	11,008	110
UNCLASSIFIED. . . . .	2,320	232	29	3	-	-	2,349	235
TOTAL. . . . .	226,394,128	26,361,104	135,126,570	9,331,469	34,621,900	2,331,179	396,142,598	38,023,752
SHELLFISH								
BUTTER. . . . .	80	8	-	-	-	-	80	8
COCKLES. . . . .	-	-	32,073	2,566	-	-	32,073	2,566
RAZOR. . . . .	-	-	2,355,681	347,574	-	-	2,355,681	347,574
CRABS:								
DUNGENESS. . . . .	2,476,186	222,857	3,006,230	255,530	-	-	5,482,416	478,387
KING. . . . .	-	-	202,281	35,601	1,791,631	192,021	1,993,912	227,622
TANNER. . . . .	-	-	12,120	1,030	-	-	12,120	1,030
SHRIMP. . . . .	1,706,517	179,184	1,299	117	-	-	1,707,816	179,301
TOTAL. . . . .	4,182,783	402,049	5,609,684	642,418	1,791,631	192,021	11,584,098	1,236,489
GRAND TOTAL. . . . .	230,576,911	26,763,153	140,736,254	9,973,887	36,413,531	2,523,200	407,726,696	39,260,240

1/ INCLUDES CATCHES OF HALIBUT, SABLEFISH, AND LINGCOD LANDED BY VESSELS OF U.S. REGISTRY IN BRITISH COLUMBIA PORTS. ROUND WEIGHTS OF FISH TAKEN BY HALIBUT VESSELS WERE OBTAINED BY MULTIPLYING REPORTED WEIGHTS, REPRESENTING POUNDAGE OF FISH Eviscerated AND WITH HEADS OFF, BY THE FOLLOWING FACTORS: HALIBUT, 1.33; AND SABLEFISH, LINGCOD, AND ROCKFISHES, 1.43. VALUES INCLUDE PAYMENTS RECEIVED FOR LIVERS AND VISCERA AS FOLLOWS: HALIBUT, \$233,270; AND SABLEFISH, \$71,732.

## TRANSPORTING, WHOLESALING, AND MANUFACTURING, 1951

ITEM	SOUTHEAST ALASKA	CENTRAL ALASKA	WESTERN ALASKA	TOTAL 1/
	NUMBER	NUMBER	NUMBER	NUMBER
TRANSPORTING:				
PERSONS ENGAGED. . . . .	1,126	1,132	562	2,571
CRAFT TRANSPORTING:				
VESSELS, MOTOR. . . . .	228	198	80	475
NET TONNAGE. . . . .	14,418	10,564	3,613	24,942
BOATS, MOTOR. . . . .	28	40	39	92
LIGHTERS AND SCOWS. . . . .	186	250	98	521
WHOLESALE AND MANUFACTURING, PERSONS ENGAGED. . . . .	7,085	5,237	3,060	14,955
ESTABLISHMENTS:				
HANDLING FRESH AND FROZEN FISH AND SHELLFISH. . . . .	50	21	15	63
CURING FISH. . . . .	22	3	14	11
CANNING FISH AND SHELLFISH. . . . .	51	70	24	140
MANUFACTURING BYPRODUCTS. . . . .	5	10	-	13
TOTAL 1/ . . . . .	99	94	47	227

1/ EXCLUSIVE OF DUPLICATION.

NOTE:--IN ADDITION, 685 BOATS AND 81 PILE DRIVERS, PULLERS, AND RIGGING SCOWS WERE USED FOR PURPOSES OTHER THAN FISHING AND TRANSPORTING.



# ALASKA FISHERIES

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## MANUFACTURED FISHERY PRODUCTS, 1951

ITEM	SOUTHEAST ALASKA		CENTRAL ALASKA		WESTERN ALASKA		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FRESH								
SALMON, FOOD. . . . .	53,834	\$18,481	-	-	2,016	\$605	55,850	\$19,086
HERRING FOR BAIT. . . . .	1,252,500	33,502	-	-	-	-	1,252,500	33,502
HALIBUT . . . . .	4,385,752	777,217	-	-	-	-	4,385,752	777,217
FLOUNDER. . . . .	-	-	448	\$67	-	-	448	67
LINGCOD . . . . .	3,758	558	-	-	-	-	3,758	558
ROCKFISHES. . . . .	4,696	518	-	-	-	-	4,696	518
SABLEFISH . . . . .	71,527	8,985	-	-	-	-	71,527	8,985
CLAMS, BUTTER, IN SHELL. . . . .	80	40	-	-	-	-	80	40
CRABS:								
DUNGNESS, COLD-PAKED . . . . .	105,890	120,602	168,090	173,081	-	-	273,980	293,683
TANNER, COLD-PAKED . . . . .	-	-	1,230	1,230	-	-	1,230	1,230
SHRIMP:								
MEAT, BULK . . . . .	240	240	1,299	546	-	-	1,539	786
COLD-PAKED . . . . .	406,647	427,504	-	-	-	-	406,647	427,504
TOTAL . . . . .	6,284,924	1,387,647	171,067	174,924	2,016	605	6,458,007	1,563,176
FROZEN								
SALMON:								
FOOD. . . . .	9,763,432	3,686,967	253,587	49,981	3,452,754	853,462	13,469,773	4,590,410
BAIT. . . . .	136,104	6,241	-	-	-	-	136,104	6,241
HERRING FOR BAIT . . . . .	5,403,350	81,720	305,350	7,34-	-	-	5,708,700	89,064
HALIBUT . . . . .	14,723,398	2,540,976	3,834,911	645,908	-	-	18,558,309	3,186,884
HALIBUT CHEEKS. . . . .	3,983	796	3,742	375	-	-	7,725	1,171
HALIBUT LIVERS. . . . .	231,457	134,190	41,469	24,881	-	-	272,926	159,071
HALIBUT VISCERA . . . . .	327,064	63,135	55,322	11,064	-	-	382,386	74,199
FLOUNDER FILLETS. . . . .	-	1,640	-	656	-	-	1,640	656
LINGCOD . . . . .	6,394	205	-	-	-	-	6,394	205
ROCKFISHES. . . . .	1,595	50	1,767	116	-	-	3,797,519	461,768
SABLEFISH . . . . .	3,447,111	423,235	350,408	38,533	-	-	120,063	59,271
SABLEFISH LIVERS. . . . .	116,453	57,105	3,610	2,165	-	-	91,300	12,461
SABLEFISH VISCERA . . . . .	84,980	11,829	6,320	632	-	-	1,321	155
SHARK LIVERS. . . . .	1,321	155	-	-	-	-	-	-
TROUT:								
DOLLY VARDEN. . . . .	17,275	3,722	1,155	116	-	-	18,430	3,838
STEELHEAD . . . . .	2,228	553	-	-	-	-	2,228	553
CLAMS, RAZOR, FOR BAIT. . . . .	-	-	9,156	1,374	-	-	9,156	1,374
CRABS:								
DUNGNESS:								
MEAT. . . . .	14,652	14,652	43,050	43,050	-	-	57,702	57,702
WHOLE IN SHELL. . . . .	361,239	35,834	502,458	52,557	-	-	863,697	88,391
KING:								
MEAT. . . . .	-	-	118,936	73,074	691,570	679,790	691,570	679,790
WHOLE IN SHELL. . . . .	-	-	-	-	-	-	118,936	73,074
TANNER, WHOLE IN SHELL. . . . .	-	-	716	179	-	-	716	179
SHRIMP, IN SHELL, HEADLESS . . . . .	18,910	5,911	-	-	-	-	18,910	5,911
TOTAL . . . . .	34,660,946	7,067,276	5,533,597	952,006	4,144,324	1,533,252	44,338,867	9,552,534
CURED								
SALMON:								
MILD-CURED. . . . .	3,738,837	1,607,686	53,769	11,860	261,527	106,350	4,054,133	1,725,896
PICKLED . . . . .	-	-	11,600	3,140	221,763	91,097	233,363	94,237
KIPPERED OR SMOKED . . . . .	5,491	1,918	900	805	-	-	6,391	2,723
SABLEFISH, SALTED . . . . .	89,883	5,941	-	-	-	-	89,883	5,941
TOTAL . . . . .	3,834,211	1,615,545	66,269	15,805	483,290	197,447	4,383,770	1,828,797
CANNEO								
SALMON:								
CHINOOK OR KING . . . . .	30,528	16,476	4,439,104	2,034,251	735,744	438,319	5,205,376	2,499,046
CHUM OR KETA. . . . .	22,384,032	7,466,054	10,926,336	3,011,411	1,225,008	445,894	34,535,376	10,925,359
PINK. . . . .	58,875,936	25,555,792	15,988,368	6,947,644	3,600	1,650	74,867,904	32,505,086
RED OR SOCKEYE. . . . .	3,375,216	2,252,670	17,402,592	11,587,345	16,300,416	10,763,092	37,078,224	24,603,107
SILVER OR COHO. . . . .	12,690,864	6,742,479	3,492,576	1,773,765	384,144	210,343	16,567,584	8,726,587
SCRAPS FOR PET FOOD . . . . .	-	-	1,680	263	-	-	1,680	263
CLAMS:								
COCKLES . . . . .	-	-	228	200	-	-	228	200
RAZOR . . . . .	-	-	661,242	811,417	-	-	661,242	811,417
CRABS:								
DUNGNESS . . . . .	257,202	340,199	263,386	345,444	-	-	520,588	685,643
KING. . . . .	-	-	2,184	1,344	-	-	2,184	1,344
TOTAL . . . . .	97,613,778	42,375,670	53,177,686	26,513,084	18,648,912	11,859,298	169,440,386	80,748,052

(CONTINUED ON NEXT PAGE)

## ALASKA FISHERIES

## MANUFACTURED FISHERY PRODUCTS, 1951 - Continued

ITEM	SOUTHEAST ALASKA		CENTRAL ALASKA		WESTERN ALASKA		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BYPRODUCTS								
OIL:								
SALMON . . .	468,750	\$43,750	267,953	\$24,254	-	-	736,703	\$68,004
HERRING . . .	3,484,440	411,501	6,577,845	669,728	-	-	10,062,285	1,081,229
FUR-SEAL . . .	-	-	-	-	299,000	\$36,997	299,000	36,997
MEAL:								
SALMON . . .	1,600,000	96,000	552,529	35,596	-	-	2,152,529	131,596
HERRING . . .	3,277,982	236,360	7,911,728	629,433	-	-	11,189,710	865,813
FUR-SEAL . . .	-	-	-	-	702,616	39,318	702,616	39,318
TOTAL . . . .	8,831,172	787,631	15,310,055	1,359,011	1,001,616	76,315	25,142,843	2,222,957
GRAND TOTAL .	151,225,031	53,233,769	74,258,684	29,014,830	24,280,158	13,666,917	249,763,873	95,915,516

## PRODUCTION OF CANNED PRODUCTS, 1951

ITEM	SOUTHEAST ALASKA		CENTRAL ALASKA		WESTERN ALASKA		TOTAL	
	CASES	VALUE	CASES	VALUE	CASES	VALUE	CASES	VALUE
FISH								
SALMON:								
CHINOOK OR KING . .	636	\$16,476	71,648	\$2,034,251	15,328	\$438,319	87,612	\$2,489,046
CHUM OR KETA . . .	466,334	7,468,054	227,632	3,011,411	25,521	445,894	719,487	10,925,359
PINK . . . . .	1,226,582	25,555,792	333,091	6,947,644	75	1,650	1,559,748	32,505,086
RED OR SOCKEYE . . .	70,317	2,252,670	362,554	11,587,345	339,592	10,763,092	772,463	24,603,107
SILVER OR COHO . . .	264,393	6,742,479	72,762	1,773,765	8,003	2,103,343	345,158	8,726,587
TOTAL . . . . .	2,028,262	42,035,471	1,067,687	25,354,416	388,519	11,859,298	3,484,468	79,249,185
SHELLFISH								
CLAMS:								
COCKLES . . . . .	-	-	15	200	-	-	15	200
RAZOR . . . . .	-	-	44,083	811,417	-	-	44,083	811,417
CRAB:								
DUNGENESS . . . . .	13,210	340,199	13,507	345,444	-	-	26,717	685,643
KING . . . . .	-	-	56	1,344	-	-	56	1,344
TOTAL . . . . .	13,210	340,199	57,661	1,158,405	-	-	70,871	1,498,604
BYPRODUCTS								
SCRAP FOR PET FOOD .	-	-	35	263	-	-	35	263
GRAND TOTAL . . . .	2,041,472	42,375,670	1,125,383	26,513,084	388,519	11,859,298	3,555,374	80,748,052

1/ THE PACKS OF SALMON HAVE BEEN CONVERTED TO "STANDARD CASES" OF 48 ONE-POUND CANS; CLAMS TO "STANDARD CASES" OF 48 TEN-OUNCE CANS CONTAINING 5 OUNCES OF MEAT PER CAN; AND CRABS TO THE EQUIVALENT OF 48 ONE-HALF POUND CANS TO THE CASE, EACH CAN CONTAINING 6-1/2 OUNCES OF MEAT.

## PRODUCTION OF BYPRODUCTS, 1951

ITEM	SOUTHEAST ALASKA		CENTRAL ALASKA		WESTERN ALASKA		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
MEAL:								
SALMON . . . TONS	800	\$96,000	276	\$35,596	-	-	1,076	\$131,596
HERRING . . . DO	1,639	236,380	3,956	629,433	-	-	5,595	865,813
FUR-SEAL . . DO	-	-	-	-	351	\$39,318	351	39,318
OIL:								
SALMON . . . GALLONS	62,500	43,750	35,727	24,254	-	-	98,227	68,004
HERRING . . . DO	464,592	411,501	877,046	669,728	-	-	1,341,638	1,081,229
FUR-SEAL . . DO	-	-	-	-	39,869	36,997	39,869	36,997
TOTAL . . . . .	-	787,631	-	1,359,011	-	76,315	-	2,222,957

## NUMBER OF SALMON CAUGHT, 1951

SPECIES	SOUTHEAST ALASKA		CENTRAL ALASKA		WESTERN ALASKA		TOTAL	
	NUMBER	VALUE	NUMBER	VALUE	NUMBER	VALUE	NUMBER	VALUE
CHINOOK OR KING . . .	474,360	\$2,168,070	213,236	\$666,362	101,946	\$202,770	789,542	\$3,037,202
CHUM OR KETA . . . .	4,123,010	3,286,383	2,039,534	927,988	454,246	163,244	6,616,790	4,377,615
PINK . . . . .	22,211,120	11,070,022	6,184,602	2,059,472	20,927	7,692	28,416,649	13,137,186
RED OR SOCKEYE . . .	819,621	942,728	4,136,001	3,846,481	4,697,196	1,923,357	9,652,818	17,622,566
SILVER OR COHO . . .	3,310,229	4,564,400	645,051	505,075	75,792	34,116	4,031,072	5,103,591
TOTAL . . . . .	30,938,340	22,031,603	13,218,424	8,006,378	5,350,107	2,331,179	49,506,871	32,368,160

NOTE:--THE SALMON CATCH IS REPORTED HERE IN NUMBERS OF FISH; ESTIMATED ROUND WEIGHTS ARE SHOWN IN THE CATCH TABLE.

# SECTION 11 - HAWAIIAN FISHERIES

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The following tabulations 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.'

## HAWAII - CATCH BY MONTHS, 1951

SPECIES		JANUARY		FEBRUARY		MARCH	
ENGLISH	HAWAIIAN	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
<b>OCEAN CATCH:</b>							
AMBERJACK . . . . .	KAHALA . . . . .	12,540	\$3,879	15,422	\$4,757	39,657	\$12,654
BARRACUDA . . . . .	KAKU . . . . .	1,881	410	1,849	607	1,688	649
BIG-EYED SCAD . . . . .	AKULE . . . . .	21,960	15,356	26,229	17,238	21,683	16,000
BLUE CREVALLE . . . . .	OHILU . . . . .	6,065	2,465	4,048	1,607	5,84	312
BONEFISH OR LADYFISH . . . . .	OIO . . . . .	3,661	1,278	13,756	4,488	4,042	1,616
CONVICT TANG . . . . .	MANINI . . . . .	1,854	870	1,672	753	1,281	578
DOLPHIN . . . . .	MAHAMAHU . . . . .	3,395	1,416	5,659	2,785	16,419	7,336
EEL . . . . .	PUHI . . . . .	1,302	162	1,811	90	1,235	109
GOATFISH (M. AURIFLAMA) . . . . .	WEKE-ULA . . . . .	1,875	1,386	1,396	945	1,032	819
GOATFISH (M. SAMOENSIS) . . . . .	WEKE . . . . .	5,204	3,228	4,928	2,821	3,502	1,963
GOATFISH (P. FRATERCULUS) . . . . .	MOANO . . . . .	2,961	1,951	1,967	1,244	2,304	1,700
GOATFISH (P. PORPHYREUS) . . . . .	KUMU . . . . .	2,946	3,023	1,908	1,806	1,606	1,591
JACK CREVALLE . . . . .	ULUA . . . . .	9,611	3,890	12,461	4,864	13,470	6,160
LIMPET . . . . .	OPIHI . . . . .	136	45	552	166	230	80
LOBSTER, SPINY . . . . .	ULA . . . . .	1,406	806	1,508	874	1,184	739
MACKEREL . . . . .	OPELU . . . . .	15,652	7,669	10,795	4,545	5,219	2,998
MILKFISH . . . . .	AWA . . . . .	1,477	276	893	178	896	196
MOUNTAIN BASS OR SESSELE . . . . .	AHOLEHOLE . . . . .	639	559	210	128	727	512
MULLET . . . . .	AAAMA . . . . .	378	161	417	179	7,337	4,393
OCTOPUS . . . . .	HEE . . . . .	1,692	889	1,174	559	683	367
RED BIG EYE . . . . .	AWEOWEO . . . . .	179	89	161	83	443	261
SEA BASS . . . . .	HAPUUPIU . . . . .	3,237	1,575	7,388	3,068	6,538	2,406
SHARK . . . . .	MANO . . . . .	1,190	148	1,517	257	202	18
SHRIMP . . . . .	OPAE . . . . .	-	-	10	18	10	18
<b>SNAPPER:</b>							
GRAY . . . . .	UKU . . . . .	1,365	590	2,677	1,102	2,116	986
PINK . . . . .	KALEKALE . . . . .	2,938	1,427	1,935	888	2,310	1,255
PINK . . . . .	OPAKAPAKA . . . . .	15,955	6,569	21,291	8,916	43,691	19,261
RED . . . . .	EHU . . . . .	3,594	2,470	2,962	1,878	4,228	2,813
RED . . . . .	ULAU LA KOAE . . . . .	4,223	2,627	2,074	1,270	4,287	2,936
SPOT . . . . .	AWA . . . . .	297	53	107	24	290	64
SQUID . . . . .	MUHEE . . . . .	131	67	117	59	1	2
SQUID REL OR BIG-EYED FISH . . . . .	UU . . . . .	1,920	1,438	1,824	1,355	1,250	1,145
SWORDFISH . . . . .	A'U . . . . .	37,755	9,830	49,042	21,382	91,044	45,162
TENPOUNDER . . . . .	AWAAMA . . . . .	33	10	193	96	5	3
THREADFISH . . . . .	MOI . . . . .	489	235	569	366	184	110
TRIGGERFISH . . . . .	HUMUHUMU . . . . .	39	12	15	6	60	14
<b>TUNA AND TUNALIKE FISHES:</b>							
ALBACORE . . . . .	AHIPALAHA . . . . .	1,605	420	173	50	951	432
BIG-EYED . . . . .	. . . . .	141,652	53,300	172,221	57,748	131,907	59,372
YELLOWFIN . . . . .	AHI . . . . .	13,905	5,529	23,085	8,024	37,009	16,882
SKIPJACK . . . . .	AKU . . . . .	87,123	20,736	86,382	20,552	94,178	35,707
BONITO . . . . .	KAWAKAWA . . . . .	544	144	827	198	2,567	715
TOTAL TUNA AND TUNALIKE FISHES		244,829	80,131	282,688	86,572	266,612	113,108
WAHOO . . . . .	ONO . . . . .	787	256	1,223	364	1,418	510
<b>CRABS:</b>							
KONA . . . . .	KONA . . . . .	10	9	38	15	-	-
SAMOAN . . . . .	. . . . .	-	-	16	6	-	-
UNCLASSIFIED . . . . .	. . . . .	200	50	-	-	104	35
UNCLASSIFIED . . . . .	. . . . .	9,069	2,774	8,678	2,644	8,304	3,191
TOTAL OCEAN CATCH . . . . .		425,305	160,089	492,760	181,003	557,876	254,060
<b>POND CATCH:1/</b>							
BARRACUDA . . . . .	KAKU . . . . .	31	28	-	-	-	-
BONEFISH OR LADYFISH . . . . .	OIO . . . . .	114	53	102	51	357	143
CLAM (V. PHILIPPINARUM) . . . . .	OLEPE . . . . .	119	28	65	13	155	31
CRABS, SAMOAN . . . . .	PAPAI . . . . .	-	-	71	31	-	-
EEL . . . . .	PUHI . . . . .	-	-	23	1	-	-
MILKFISH . . . . .	AWA . . . . .	166	71	190	66	176	316
MOUNTAIN BASS OR SESSELE . . . . .	AHOLEHOLE . . . . .	-	-	272	142	571	244
MULLET . . . . .	AAAMA . . . . .	6,069	4,184	4,449	4,038	2,287	1,952
TENPOUNDER . . . . .	AWAAMA . . . . .	164	83	273	140	-	-
UNCLASSIFIED . . . . .	. . . . .	53	38	-	-	59	14
TOTAL POND CATCH . . . . .		6,716	4,485	5,445	4,482	3,605	2,700
GRAND TOTAL . . . . .		432,021	164,574	498,205	185,485	561,481	256,760

SEE FOOT NOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

## HAWAIIAN FISHERIES

## HAWAII - CATCH BY MONTHS, 1951 - Continued

SPECIES		APRIL		MAY		JUNE	
ENGLISH	HAWAIIAN	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
<b>OCEAN CATCH:</b>							
AMBERJACK . . . . .	KAHALA . . . . .	27,655	\$5,139	13,688	\$2,235	7,313	\$1,256
BARRACUDA . . . . .	KAKU . . . . .	736	287	673	255	1,185	437
BIG-EYED SCAD . . . . .	AKULE . . . . .	51,593	31,116	55,704	32,668	47,544	29,540
BLUE CREVALLE . . . . .	OMJLU . . . . .	2,556	862	1,719	554	9,606	2,403
BONEFISH OR LADYFISH . . . . .	OIO . . . . .	3,218	1,055	7,125	1,905	4,413	1,221
CONVICT TANG . . . . .	MANINI . . . . .	3,519	1,587	1,217	496	957	437
DOLPHIN . . . . .	MAHAMAHU . . . . .	28,175	7,461	22,563	5,903	19,789	4,953
EEL . . . . .	PUHI . . . . .	1,525	128	1,624	147	575	91
GOATFISH (M. AURIFLAMMA) . . . . .	WEKE-ULA . . . . .	948	651	807	482	1,113	739
GOATFISH (M. SAMOENSIS) . . . . .	WEKE . . . . .	6,819	3,451	5,118	2,570	4,432	2,298
GOATFISH (P. FRATERCULUS) . . . . .	MOANO . . . . .	4,147	2,724	2,795	1,907	2,546	1,666
GOATFISH (P. PORPHYREUS) . . . . .	KUMU . . . . .	1,653	1,570	1,455	1,362	1,456	1,272
JACK CREVALLE . . . . .	ULUA . . . . .	12,264	4,291	21,457	6,151	16,606	4,808
LJMPET . . . . .	OPJHI . . . . .	645	218	1,046	308	511	168
LOBSTER, SPINY . . . . .	ULA . . . . .	1,536	999	3,999	2,547	-	-
MACKEREL . . . . .	OPELU . . . . .	9,245	5,348	8,942	4,445	3,703	1,784
MILKFISH . . . . .	AWA . . . . .	1,474	280	2,236	374	2,445	363
MOUNTAIN BASS OR SESSELE . . . . .	MOAINA . . . . .	473	299	589	372	505	339
MULLET . . . . .	AMAAMA . . . . .	3,716	2,347	4,262	2,518	2,034	1,301
OCTOPUS . . . . .	HEE . . . . .	623	340	446	254	447	244
RED BIG-EYE . . . . .	AWEOWEO . . . . .	566	270	602	247	533	278
SEA BASS . . . . .	HAPUUPUU . . . . .	7,251	2,010	5,839	1,691	9,017	1,857
SHARK . . . . .	MANO . . . . .	427	58	436	58	1,363	203
SHRIMP . . . . .	OPAE . . . . .	12	20	9	16	14	25
<b>SNAPPER:</b>							
GRAY . . . . .	UKU . . . . .	6,349	2,170	7,904	2,597	4,784	1,673
PINK . . . . .	KALEKALE . . . . .	2,844	1,087	2,048	886	2,417	1,129
PINK . . . . .	OPAKAPAKA . . . . .	31,404	15,144	18,779	5,367	12,337	3,779
RED . . . . .	EHU . . . . .	7,338	3,831	6,421	3,824	5,970	3,627
RED . . . . .	ULAUULA KOAE . . . . .	8,196	4,696	4,953	3,048	4,455	2,838
SPOT . . . . .	AWA . . . . .	122	33	192	48	455	84
SQUID . . . . .	MUHEE . . . . .	-	-	42	17	15	7
SQUIRREL OR BIG-EYED FISH . . . . .	UU . . . . .	1,734	1,437	3,839	2,858	11,214	7,343
SWORDFISH . . . . .	A'U . . . . .	82,347	25,086	137,462	27,628	105,112	23,218
TENPOUNDER . . . . .	AWAAWA . . . . .	26	10	246	114	478	237
THREADFISH . . . . .	MOI . . . . .	377	235	1,901	1,203	3,809	2,484
TRIGGERFISH . . . . .	HUMUHUMU . . . . .	89	31	138	35	286	39
<b>TUNA AND TUNALIKE FISHES:</b>							
ALBACORE . . . . .	AHI PALAHA . . . . .	179	45	1,436	280	2,542	509
BIG-EYED . . . . .	AHI . . . . .	196,499	52,829	203,021	46,159	110,363	24,976
YELLOWFIN . . . . .	AKU . . . . .	56,179	13,331	80,776	19,106	103,018	28,673
SKIPJACK . . . . .	KAWAKAWA . . . . .	525,796	95,770	2,287,977	303,169	2,577,022	329,357
BONITO . . . . .	AWA . . . . .	2,050	470	1,101	274	931	219
<b>TOTAL TUNA AND TUNALIKE FISHES</b>		<b>780,703</b>	<b>162,445</b>	<b>2,574,311</b>	<b>368,988</b>	<b>2,794,476</b>	<b>383,734</b>
<b>WAHOO . . . . . ONO . . . . . 2,817 718 2,302 567 3,750 873</b>							
<b>CRABS:</b>							
KONA . . . . .	KONA . . . . .	25	11	460	169	1,113	399
SAMOAN . . . . .	PAPAI . . . . .	118	31	159	40	100	25
UNCLASSIFIED . . . . .		155	61	357	120	533	175
UNCLASSIFIED . . . . .		13,223	3,729	5,912	2,098	11,574	3,548
<b>TOTAL OCEAN CATCH . . . . .</b>		<b>1,108,743</b>	<b>293,286</b>	<b>2,931,777</b>	<b>489,072</b>	<b>3,100,985</b>	<b>492,895</b>
<b>POND CATCH: 1/</b>							
BARRACUDA . . . . .	KAKU . . . . .	-	-	-	-	47	36
BONEFISH OR LADYFISH . . . . .	OIO . . . . .	80	32	110	44	149	60
CLAM (V. PHILIPPINARUM) . . . . .	OLEPE . . . . .	525	75	643	79	503	112
CRABS, SAMOAN . . . . .	PAPAI . . . . .	-	-	-	-	158	79
JACK CREVALLE . . . . .	ULUA . . . . .	-	-	65	20	103	56
MILKFISH . . . . .	AWA . . . . .	901	247	72	25	739	263
MOUNTAIN BASS OR SESSELE . . . . .	AHOLEHOLE . . . . .	194	77	229	76	48	19
MULLET . . . . .	AMAAMA . . . . .	1,595	1,462	455	340	322	271
SHRIMP . . . . .	OPAE . . . . .	-	-	40	80	-	-
TENPOUNDER . . . . .	AWAAWA . . . . .	10	6	378	102	33	16
UNCLASSIFIED . . . . .		-	-	-	-	20	8
<b>TOTAL POND CATCH . . . . .</b>		<b>3,305</b>	<b>1,899</b>	<b>1,992</b>	<b>766</b>	<b>2,122</b>	<b>920</b>
<b>GRAND TOTAL . . . . .</b>		<b>1,112,048</b>	<b>295,185</b>	<b>2,933,769</b>	<b>489,838</b>	<b>3,103,107</b>	<b>493,815</b>

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

# HAWAIIAN FISHERIES

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## HAWAII - CATCH BY MONTHS, 1951 - Continued

SPECIES		JULY		AUGUST		SEPTEMBER		OCTOBER	
ENGLISH	HAWAIIAN	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
<b>OCEAN CATCH:</b>									
AMBERJACK . . .	KAHALA . . .	5,092	\$1,101	4,140	\$1,195	7,474	\$1,528	5,415	\$1,048
BARRACUDA . . .	KAKU . . .	727	305	1,787	544	1,443	493	1,734	760
BIG-EYED SCAD . .	AKULE . . .	22,999	14,484	72,863	34,484	33,455	19,678	47,762	24,801
BLUE CREVALLE . .	OMILU . . .	1,409	441	1,840	635	3,138	1,095	3,464	1,030
<b>BONEFISH OR</b>									
LADYFISH . . .	OIO . . .	3,806	1,112	1,633	600	3,129	966	3,032	965
CONVICT TANG . .	HAWAII . . .	1,304	556	1,017	416	787	272	1,071	433
DOLPHIN . . .	MAHAMAHI . .	15,432	5,049	18,104	6,516	17,679	6,075	28,141	7,878
CEL . . .	PUHI . . .	1,121	140	1,232	167	697	124	1,314	87
<b>GOATFISH (M.)</b>									
AURIFLAMMA . . .	WEKE-ULA . . .	800	541	1,184	752	1,566	925	1,830	1,186
<b>GOATFISH (M. SAMOENSIS)</b>									
WEKE . . .	WEKE . . .	2,880	1,651	5,638	3,251	3,912	2,059	3,167	1,709
<b>GOATFISH (P. FRATERCULUS)</b>									
MOANO . . .	MOANO . . .	3,846	2,280	3,840	2,440	3,387	2,037	2,493	1,567
<b>GOATFISH (P. PORPHYREUS)</b>									
KUMU . . .	KUMU . . .	1,603	1,552	1,883	1,766	2,141	1,907	1,053	1,066
JACK CREVALLE . .	ULUA . . .	17,522	5,274	11,319	4,594	11,593	4,189	10,809	3,974
LIMPET . . .	OPIHI . . .	234	81	107	42	340	68	38	13
LOBSTER, SPINY . .	ULA . . .	-	-	12	6	4,270	2,279	1,357	751
WACKEREL . . .	OPELU . . .	4,460	2,756	13,122	6,118	25,231	8,885	34,643	11,532
MILKFISH . . .	AWA . . .	2,063	308	3,165	592	3,371	449	1,515	228
<b>MOUNTAIN BASS OR SESSELE</b>									
AHOLEHOLE . . .	AHOLEHOLE . .	242	149	202	131	1,027	755	60	35
MULLET . . .	AMAAMA . . .	3,978	2,115	3,641	2,127	4,842	2,942	4,873	2,889
OCTOPUS . . .	HEE . . .	1,511	851	2,957	1,705	1,232	621	1,491	793
RED BIG-EYE . . .	AWOEWO . . .	804	330	948	402	750	256	989	297
SEA BASS . . .	HAPUUPUO . .	3,683	1,033	5,528	1,598	4,699	1,260	698	226
SHARK . . .	HANO . . .	943	124	762	76	808	126	311	26
SHRIMP . . .	OPAE . . .	11	21	12	23	61	28	142	83
<b>SNAPPER:</b>									
GRAY . . .	UKU . . .	3,222	1,211	6,930	2,598	4,406	1,677	4,830	1,255
PINK . . .	KALEKALE . . .	4,582	1,966	4,570	1,665	3,727	1,334	5,471	2,035
PINK . . .	OPAKAPAKA . .	18,449	6,125	17,694	6,544	17,421	6,340	15,548	5,939
RED . . .	EHU . . .	1,755	1,110	1,051	616	6,983	3,702	3,000	1,869
RED . . .	ULAU LA KOAE .	3,519	2,204	3,325	2,502	4,247	2,564	5,231	3,658
SPOT . . .	AAWA . . .	299	103	307	86	84	55	354	63
SQUID . . .	MUHEE . . .	5	3	594	-	2,767	1,252	1,442	536
<b>SQUID OR</b>									
BIG-EYED FISH . .	UU . . .	4,913	3,270	6,654	4,288	8,338	4,751	4,713	2,982
SWORDFISH . . .	A'U . . .	89,960	29,221	137,515	44,939	120,300	34,357	122,189	31,228
TENPOUNDER . . .	AAAWA . . .	353	185	193	53	339	159	402	192
THREADFISH . . .	MOI . . .	1,478	1,063	3,655	2,587	987	571	1,197	722
TRIGGERFISH . . .	HUMUHUMU . .	132	24	197	35	307	50	320	42
<b>TUNA AND TUNALIKE FISHES:</b>									
ALBACORE . . .	AHIPALAHA . . .	5,051	1,201	3,009	1,008	4,401	920	5,954	1,190
BIG-EYED . . .	AHI . . .	115,940	35,134	105,152	31,202	109,334	29,036	200,173	56,623
YELLOWFIN . . .	AKU . . .	86,260	29,190	72,730	26,225	104,268	28,700	56,256	15,963
SKIPJACK . . .	KAWAKAWA . . .	2,312,616	294,368	2,672,960	334,238	1,384,488	162,146	410,181	55,581
BONITO . . .	KAWAKAWA . . .	1,430	320	1,008	177	982	213	1,394	275
<b>TOTAL TUNA AND TUNALIKE FISHES</b>									
		2,521,297	360,213	2,854,859	392,850	1,603,473	221,015	673,958	129,632
<b>Wahoo, Crabs, Kona, Samoan, Unclassified, Unclassified</b>									
WAHOO . . .	ONO . . .	4,587	1,335	3,944	1,233	8,748	2,156	4,292	1,044
CRABS: . . .	PAPAI . . .	-	-	-	-	-	-	-	-
KONA . . .	KONA . . .	150	70	221	82	119	48	20	4
SAMOAN . . .	UNCLASSIFIED . .	60	18	150	45	223	78	203	138
UNCLASSIFIED . .	UNCLASSIFIED . .	463	138	264	77	116	28	413	63
UNCLASSIFIED . .	UNCLASSIFIED . .	11,017	4,619	12,968	5,427	11,322	4,178	10,106	2,928
<b>TOTAL OCEAN CATCH</b>									
		2,762,721	455,132	3,212,047	536,168	1,931,179	343,332	1,011,091	247,707
<b>POND CATCH: 1/</b>									
BARRACUDA . . .	KAKU . . .	30	14	15	4	90	58	68	46
BONEFISH OR . . .	OIO . . .	-	-	14	4	124	50	407	163
LADYFISH . . .	OIO . . .	-	-	-	-	-	-	-	-
CLAM (V. PHILIPPINARUM)	OLEPE . . .	402	78	379	82	300	59	388	48
CRABS: . . .	PAPAI . . .	-	-	-	-	-	-	-	-
SAMOAN . . .	UNCLASSIFIED . .	28	7	-	-	106	53	-	254
UNCLASSIFIED . .	UNCLASSIFIED . .	33	36	25	27	74	78	34	78
JACK CREVALLE . .	ULUA . . .	776	311	1,779	739	3,366	1,333	3,352	1,265
MILKFISH . . .	AWA . . .	-	-	-	-	-	-	-	-
MOUNTAIN BASS . .	AHOLEHOLE . . .	9	5	-	-	-	-	-	-
OR SESSELE . . .	AMAAMA . . .	728	701	887	857	1,501	1,419	1,861	1,775
MULLET . . .	OPAE . . .	-	-	-	-	-	-	2	5
SHRIMP . . .	AAAWA . . .	83	33	464	170	525	223	1,198	493
TENPOUNDER . . .	MOI . . .	2	2	-	-	-	-	-	-
THREADFISH . . .	UNCLASSIFIED . .	-	-	75	56	119	85	12	8
UNCLASSIFIED . .	UNCLASSIFIED . .	-	-	-	-	-	-	-	-
<b>TOTAL POND CATCH</b>									
		2,091	1,197	3,638	1,939	6,205	3,358	7,576	3,955
<b>GRAND TOTAL</b>									
		2,764,812	456,319	3,215,685	538,107	1,937,384	346,690	1,018,667	251,662

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

## HAWAIIAN FISHERIES

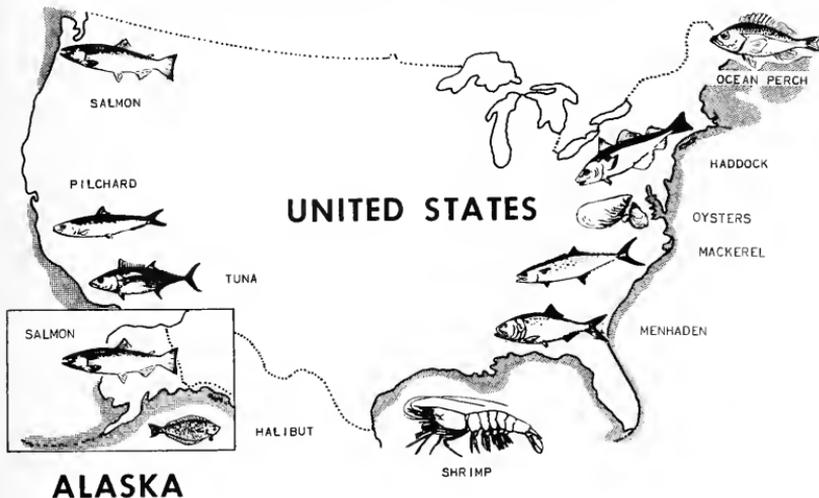
## HAWAII - CATCH BY MONTHS, 1951 - Continued

SPECIES	NOVEMBER		DECEMBER		TOTAL		
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	
<b>ENGLISH</b>	<b>HAWAIIAN</b>						
<b>OCEAN CATCH:</b>							
AMBERJACK . . . . .	KAHALA . . . . .	15,643	\$2,777	15,849	\$2,927	169,888	\$40,496
BARRACUDA . . . . .	KAKU . . . . .	2,917	815	4,913	1,460	21,533	7,022
BIG-EYED SCAD . . . . .	AKULE . . . . .	30,039	18,341	24,189	15,588	456,020	269,294
BLUE CREVALLE . . . . .	OMILU . . . . .	1,033	414	615	342	36,077	12,179
BONEFISH OR LADYFISH . . . . .	OIO . . . . .	7,968	2,534	4,469	1,458	60,252	19,199
CONVICT TANG . . . . .	MANIHI . . . . .	1,035	437	1,358	512	17,392	7,347
DOLPHIN . . . . .	NAHAMANI . . . . .	13,753	4,900	9,312	3,954	198,371	64,226
EEL . . . . .	PUHI . . . . .	1,393	108	978	108	14,477	1,456
GOATFISH (M. AURIFLAMA) . . . . .	WEKE-ULA . . . . .	2,655	1,617	3,917	2,624	19,123	12,872
GOATFISH (M. SAMOENSIS) . . . . .	WEKE . . . . .	2,548	1,490	5,981	3,391	54,129	29,882
GOATFISH (P. FRATERCULUS) . . . . .	MOANO . . . . .	2,216	1,444	2,524	1,793	35,026	22,753
GOATFISH (P. PORPHYREUS) . . . . .	KUMU . . . . .	981	1,021	2,464	2,627	21,149	20,553
JACK CREVALLE . . . . .	ULUA . . . . .	16,275	6,209	20,614	7,328	174,001	61,732
LIMPET . . . . .	OPIHI . . . . .	-	-	340	183	4,179	1,372
LOBSTER, SPINY . . . . .	ULA . . . . .	837	439	1,260	780	17,369	10,220
MACKEREL . . . . .	OPELU . . . . .	34,780	11,521	29,533	9,616	195,325	77,417
MILKFISH . . . . .	AWA . . . . .	1,514	237	1,167	342	22,216	3,823
MOUNTAIN BASS OR SESSELE . . . . .	AHOLEHOLE . . . . .	2,002	944	987	566	7,863	4,799
MULLET . . . . .	AMAAMA . . . . .	4,879	2,891	447	182	40,804	24,045
OCTOPUS . . . . .	HEE . . . . .	1,385	761	1,435	762	15,076	8,146
RED BIG-EYE . . . . .	AWEOEOE . . . . .	650	286	1,301	550	7,926	3,349
SEA BASS . . . . .	HAPUAPU . . . . .	7,430	2,744	12,316	4,160	73,624	23,628
SHARK . . . . .	MANO . . . . .	468	90	1,522	295	9,949	1,479
SHRIMP . . . . .	OPAE . . . . .	13	25	8	15	302	292
<b>SNAPPER:</b>							
GRAY . . . . .	UKU . . . . .	5,724	2,127	3,078	1,287	53,385	19,273
PINK . . . . .	KALEKALE . . . . .	4,478	1,663	6,078	2,758	43,398	18,093
PINK . . . . .	OPAKAPAKA . . . . .	29,632	10,561	30,504	11,159	272,765	105,704
RED . . . . .	EHU . . . . .	5,084	3,011	7,636	5,379	56,022	34,130
RED . . . . .	ULAU LA KOAE . . . . .	5,928	3,620	6,366	5,147	56,804	37,110
SPOT . . . . .	AWA . . . . .	299	83	712	136	3,748	832
SQUID . . . . .	MUHEE . . . . .	126	77	71	45	5,311	2,386
SQUIRREL OR BIG-EYED FISH . . . . .	UU . . . . .	2,444	1,620	3,531	2,553	52,374	35,040
SWORDFISH . . . . .	A'U . . . . .	112,456	31,207	59,602	20,839	1,144,804	344,097
TENPOUNDER . . . . .	AWAAMA . . . . .	113	52	53	15	2,434	1,166
THREADFISH . . . . .	MOI . . . . .	455	346	1,411	867	16,512	10,789
TRIGGERFISH . . . . .	HUMUHUMU . . . . .	392	83	658	109	2,633	480
<b>TUNA AND TUNALIKE FISHES:</b>							
ALBACORE . . . . .	AHPALAHA . . . . .	5,504	1,299	25,562	6,816	56,367	14,170
BIG-EYED . . . . .	AHI . . . . .	176,884	59,545	371,398	95,379	2,035,144	601,303
YELLOWFIN . . . . .	AKU . . . . .	46,919	15,845	76,794	18,473	757,199	225,941
SKIPJACK . . . . .	KAWAKAWA . . . . .	248,094	40,597	190,313	35,582	12,877,130	1,727,805
BONITO . . . . .	AKU . . . . .	634	150	1,080	250	14,548	3,405
<b>TOTAL TUNA AND TUNALIKE FISHES</b>							
		478,035	117,436	665,147	156,500	15,740,368	2,572,624
<b>WAHOO:</b>							
WAHOO . . . . .	ONO . . . . .	1,462	409	3,628	1,040	38,958	10,505
<b>CRABS:</b>							
KONA . . . . .	KONA . . . . .	58	16	-	-	2,214	823
SANDAN . . . . .	PAPA'I . . . . .	292	82	215	88	1,696	551
UNCLASSIFIED . . . . .		258	81	149	43	2,832	871
UNCLASSIFIED . . . . .		7,329	2,094	12,233	4,142	121,735	41,372
<b>TOTAL OCEAN CATCH</b>							
		807,029	236,813	948,571	273,870	19,290,084	3,963,427
<b>POND CATCH: 1/</b>							
BARRACUDA . . . . .	KAKU . . . . .	59	38	20	17	360	241
BONEFISH OR LADYFISH . . . . .	OIO . . . . .	468	183	317	122	2,242	905
CLAM (V. PHILIPPINARUM) . . . . .	OLEPE . . . . .	363	48	150	20	3,992	673
<b>CRABS:</b>							
SANDAN . . . . .	PAPA'I . . . . .	48	22	72	34	631	293
RED . . . . .	MOALA . . . . .	45	22	24	12	69	34
UNCLASSIFIED . . . . .		-	-	-	-	106	53
EEL . . . . .	PUHI . . . . .	-	-	-	-	23	1
JACK CREVALLE . . . . .	ULUA . . . . .	83	82	40	34	457	365
MILKFISH . . . . .	AWA . . . . .	1,280	474	1,173	476	13,070	5,586
MOUNTAIN BASS OR SESSELE . . . . .	AHOLEHOLE . . . . .	88	65	47	23	1,458	651
MULLET . . . . .	AMAAMA . . . . .	2,194	2,010	4,785	4,351	27,133	23,360
SHRIMP . . . . .	OPAE . . . . .	16	16	-	-	58	101
TENPOUNDER . . . . .	AWAAMA . . . . .	2,072	775	1,285	366	6,485	2,407
THREADFISH . . . . .	MOI . . . . .	-	-	-	-	2	2
UNCLASSIFIED . . . . .		200	177	25	16	563	402
<b>TOTAL POND CATCH</b>							
		6,916	3,912	7,938	5,471	57,549	35,074
<b>GRAND TOTAL</b>							
		813,945	240,725	956,509	279,341	19,347,633	3,998,501

## 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, ocean perch, pilchard, salmon, tuna, oysters and shrimp. 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.

### PRINCIPAL UNITED STATES AND ALASKA FISHERIES



### UNITED STATES AND ALASKA COD FISHERY

During 1951, the fishermen of the United States and Alaska caught 59,590,600 pounds of cod, valued at \$4,150,818 to the fishermen. This was a decrease of 9 percent in quantity but an increase of 6 percent in value compared with the landings of the previous year.

Otter trawls accounted for 80 percent of the cod catch; lines, 16 percent; and gill nets, 3 percent. Other types of gear, principally floating traps, made up the remaining 1 percent.

Massachusetts, with a catch of 40.7 million pounds of cod, led in the production of this species, followed by Washington (9.4 million pounds), and Maine, (5.3 million pounds).

## REVIEW OF CERTAIN MAJOR FISHERIES

## SUMMARY OF COD CATCH, 1951

STATE	PURSE SEINES		HAUL SEINES		GILL NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
NEW ENGLAND:						
MAINE . . . . .	100	\$1	-	-	1,020,100	\$86,636
MASSACHUSETTS . . . . .	-	-	-	-	1,068,600	87,733
TOTAL . . . . .	100	1	-	-	2,108,700	174,369
PACIFIC COAST, WASHINGTON . . . . .	-	-	400	\$22	600	32
GRAND TOTAL . . . . .	100	1	400	22	2,109,300	174,401

STATE	LINES					
	HAND		TRAWL OR TROT, WITH HOOKS		TROLL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
NEW ENGLAND:						
MAINE . . . . .	918,100	\$35,972	1,096,700	\$54,416	-	-
NEW HAMPSHIRE . . . . .	4,100	410	8,300	830	-	-
MASSACHUSETTS . . . . .	168,200	12,156	5,138,400	372,411	-	-
RHODE ISLAND . . . . .	471,400	46,170	-	-	-	-
CONNECTICUT . . . . .	100	12	-	-	-	-
TOTAL . . . . .	1,561,900	94,720	6,243,400	427,657	-	-
MIDDLE ATLANTIC:						
NEW YORK . . . . .	50,000	5,407	865,000	127,990	-	-
NEW JERSEY . . . . .	6,300	550	551,700	53,353	-	-
TOTAL . . . . .	56,300	5,957	1,416,700	181,343	-	-
PACIFIC COAST, WASHINGTON . . . . .	-	-	7,400	400	11,000	\$598
GRAND TOTAL . . . . .	1,618,200	100,677	7,667,500	609,400	11,000	598

STATE	POUND NETS		FLDATING TRAPS		DITTER TRAWLS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
NEW ENGLAND:						
MAINE . . . . .	-	-	-	-	2,257,800	\$112,607
MASSACHUSETTS . . . . .	5,800	\$346	11,500	\$610	34,297,600	2,423,014
RHODE ISLAND . . . . .	-	-	306,600	23,731	382,600	30,359
CONNECTICUT . . . . .	100	15	-	-	301,700	30,510
TOTAL . . . . .	5,900	361	318,100	24,341	37,239,700	2,596,490
MIDDLE ATLANTIC:						
NEW YORK . . . . .	2,400	350	-	-	1,023,700	125,229
NEW JERSEY . . . . .	8,800	763	-	-	32,900	2,883
TOTAL . . . . .	11,200	1,113	-	-	1,056,600	128,112
CHESAPEAKE:						
MARYLAND . . . . .	-	-	-	-	1,200	96
VIRGINIA . . . . .	-	-	-	-	2,000	80
TOTAL . . . . .	-	-	-	-	3,200	176
PACIFIC COAST:						
WASHINGTON . . . . .	-	-	-	-	9,413,000	508,305
OREGON . . . . .	-	-	-	-	135,200	6,761
TOTAL . . . . .	-	-	-	-	9,548,200	515,066
GRAND TOTAL . . . . .	17,100	1,474	318,100	24,341	47,847,700	3,239,844

STATE	DREDGES		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE
NEW ENGLAND:				
MAINE . . . . .	-	-	5,292,800	\$289,632
NEW HAMPSHIRE . . . . .	-	-	12,400	1,240
MASSACHUSETTS . . . . .	1,200	\$60	40,711,300	2,896,330
RHODE ISLAND . . . . .	-	-	1,160,600	100,260
CONNECTICUT . . . . .	-	-	301,900	30,537
TOTAL . . . . .	1,200	60	47,479,000	3,317,999
MIDDLE ATLANTIC:				
NEW YORK . . . . .	-	-	1,941,100	258,976
NEW JERSEY . . . . .	-	-	599,700	57,549
TOTAL . . . . .	-	-	2,540,800	316,525
CHESAPEAKE:				
MARYLAND . . . . .	-	-	1,200	96
VIRGINIA . . . . .	-	-	2,000	80
TOTAL . . . . .	-	-	3,200	176
PACIFIC COAST:				
WASHINGTON . . . . .	-	-	9,432,400	509,357
OREGON . . . . .	-	-	135,200	6,761
TOTAL . . . . .	-	-	9,567,600	516,118
GRAND TOTAL . . . . .	1,200	60	59,590,600	4,150,818

# REVIEW OF CERTAIN MAJOR FISHERIES

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## ATLANTIC COAST HADDOCK FISHERY

The production of haddock in the United States during 1951 amounted to 154,102,800 pounds, valued at \$11,967,751 to the fishermen. This was a decrease of 3 percent in quantity but an increase of 1 percent in value compared with the landings of the previous year. The catch of scrod haddock continued to be high throughout the year.

Otter trawls accounted for 96 percent of the total production while lines of all types caught 4 percent. Less than one-half of 1 percent of the total catch was taken by other types of gear.

Of the total catch, 99 percent was landed in the New England States. The remaining 1 percent was landed in New York and New Jersey. Massachusetts alone accounted for 96 percent of the total landings.

### SUMMARY OF HADDOCK CATCH, 1951

STATE	GILL NETS		LINES				FLOATING TRAPS	
			HAND		TRAWL OR TROT, WITH HOOKS			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
NEW ENGLAND:								
MAINE . . . . .	188,100	\$18,485	66,900	\$4,312	731,700	\$57,726	-	-
NEW HAMPSHIRE . . .	-	-	-	-	1,200	150	-	-
MASSACHUSETTS . . .	103,400	9,165	4,200	348	5,514,100	551,951	-	-
RHODE ISLAND . . .	-	-	700	78	-	-	400	\$28
TOTAL . . . . .	291,500	27,650	71,800	4,738	6,247,000	609,827	400	28

STATE	OTTER TRAWLS		DREDGES		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
NEW ENGLAND:						
MAINE . . . . .	4,281,000	\$305,855	-	-	5,267,700	\$386,378
NEW HAMPSHIRE . . .	-	-	-	-	1,200	150
MASSACHUSETTS . . .	142,017,000	10,910,958	100	\$7	147,638,500	11,472,429
RHODE ISLAND . . .	373,300	27,362	-	-	374,400	27,468
CONNECTICUT . . . .	8,600	800	-	-	8,600	800
TOTAL . . . . .	146,679,900	11,244,975	100	7	153,290,700	11,887,225
MIDDLE ATLANTIC:						
NEW YORK . . . . .	809,600	80,372	-	-	809,600	80,372
NEW JERSEY . . . . .	2,500	154	-	-	2,500	154
TOTAL . . . . .	812,100	80,526	-	-	812,100	80,526
GRAND TOTAL . . . .	147,492,000	11,325,501	100	7	154,102,800	11,967,751

## PACIFIC COAST HALIBUT FISHERY

The total North Pacific halibut catch by both United States and Canadian craft during 1951 totaled 54,619,000 pounds (dressed weight basis), a decrease of 1 percent compared with the previous year.

The 1951 halibut season which opened on May 1 was the shortest on record -- 56 days compared with 66 days in 1950, 73 days in 1949, 72 days in 1948, and 109 days in 1947. A ten-day no-limit season was permitted in two small areas off northern British Columbia and southeastern Alaska a full month after the regular season in order to control overpopulation of fish on these grounds which were avoided by the fleet during the regular season in favor of more productive areas.

The combined United States and Canadian Pacific halibut fleet in 1951 showed little change from the previous year. However, the United States fleet appeared to have declined while the Canadian fleet increased.

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 other tables in this report represent the round weight of the catch. In the sectional tables, halibut landed in Canada by vessels of United States registry is credited to Alaska. The dressed weight of halibut appearing in this section can be converted to round weight by multiplying by 1.33.

## REVIEW OF CERTAIN MAJOR FISHERIES

## SUMMARY OF UNITED STATES HALIBUT FLEET OPERATING UNITS, 1951

ITEM	WASHINGTON FLEET	ALASKA FLEET	TOTAL
	NUMBER	NUMBER	NUMBER
REGULAR HALIBUT VESSELS:			
NUMBER . . . . .	203	312	515
NET TONNAGE . . . . .	6,155	4,441	10,596
CREW . . . . .	1,338	1,248	2,586
SKATES OF LINES . . . . .	6,556	6,115	12,671
REGULAR HALIBUT BOATS:			
NUMBER . . . . .	-	39	39
CREW . . . . .	-	97	97
SKATES OF LINES . . . . .	-	368	368
BOATS PRIMARILY IN OTHER FISHERIES BUT LANDING SMALL FARES OF HALIBUT <sup>1/</sup> :			
NUMBER . . . . .	-	145	145
CREW . . . . .	-	250	250
SKATES OF LINES . . . . .	-	1,000	1,000

<sup>1/</sup> 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.

## CATCH BY UNITED STATES HALIBUT FLEET, 1951

SPECIES	LANDED IN						TOTAL	
	SEATTLE, WASHINGTON		BRITISH COLUMBIA		ALASKA			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
HALIBUT . . . . .	9,640,534	\$2,102,892	4,383,000	\$776,667	19,129,000	\$3,013,579	33,152,534	\$5,893,138
SABLEFISH . . . . .	2,004,053	265,082	65,404	8,166	4,001,313	449,470	6,070,770	722,718
LINGCOD . . . . .	279,953	39,354	58	3	2,730	141	282,741	39,498
ROCKFISHES . . . . .	244,289	16,453	1,696	68	3,499	182	249,484	16,703
TOTAL . . . . .	12,168,829	2,423,781	4,450,158	784,904	23,136,542	3,463,372	39,755,529	6,672,057

NOTE:--IN ADDITION TO THE HALIBUT SHOWN ABOVE, THE FOLLOWING QUANTITIES OF THESE FISH WERE LANDED AT PORTS IN THE PACIFIC COAST STATES OTHER THAN SEATTLE (LANDED WEIGHT BASIS). WASHINGTON 1,563,536 POUNDS, VALUED AT \$339,589; OREGON 443,383 POUNDS, VALUED AT \$87,478; AND CALIFORNIA 65,188 POUNDS, VALUED AT \$20,678. A TOTAL OF 885,004 POUNDS OF HALIBUT, SABLEFISH, LINGCOD, GRAYFISH (DOGFISH), AND MISCELLANEOUS SHARK LIVERS, VALUED AT \$420,654 WERE LANDED BY THE UNITED STATES HALIBUT FLEET AT PACIFIC COAST PORTS DURING 1951. THESE VESSELS ALSO LANDED 769,321 POUNDS OF HALIBUT, SABLEFISH, AND LINGCOD VISCERA, VALUED AT \$140,170. VESSELS OF THE CANADIAN FLEET LANDED A TOTAL OF 21,466,000 POUNDS OF HALIBUT, VALUED AT \$3,337,377, OF WHICH 582,000 POUNDS, VALUED AT \$94,092 WERE LANDED AT ALASKA PORTS.

## SUMMARY OF UNITED STATES AND CANADIAN HALIBUT CATCH, 1951

(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 AND ALASKA FLEET	9,641	2,103	4,383	777	19,129	3,013	33,153	5,893
BRITISH COLUMBIA FLEET . . . . .	-	-	20,884	3,243	582	94	21,466	3,337
TOTAL . . . . .	9,641	2,103	25,267	4,020	19,711	3,107	54,619	9,230

NOTE:--STATISTICS IN THE ABOVE TABLES ARE COMPILED FROM DATA COLLECTED BY THE INTERNATIONAL FISHERIES COMMISSION FOR WASHINGTON AND BRITISH COLUMBIA, AND BY THE FISH AND WILDLIFE SERVICE FOR ALASKA. THIS TABULATION DOES NOT INCLUDE LANDINGS AT PORTS IN THE UNITED STATES OTHER THAN SEATTLE, WASHINGTON.

ATLANTIC COAST MACKEREL FISHERY

During 1951, the mackerel catch on the Atlantic Coast amounted to 15,747,700 pounds, valued at \$1,487,334 to the fishermen. This represented decreases of 29 percent in quantity and 28 percent in value compared with the landings of the previous year. There was a general decline in the catch of mackerel by practically all major types of gear used in taking this species. During recent years, mackerel have not been available in the Atlantic Ocean in schools of sufficient size for successful purse-seining operations. Landings in 1950 and 1951 averaged less than 19 million pounds, compared with an average of over 52 million pounds in the previous five years.

SUMMARY OF ATLANTIC MACKEREL CATCH, 1951

STATE	PURSE SEINES		HAUL SEINES		STOP NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
NEW ENGLAND:						
MAINE . . . . .	964,400	\$65,135	-	-	1,900	\$90
MASSACHUSETTS . . . . .	6,266,000	507,027	-	-	-	-
RHODE ISLAND . . . . .	16,500	2,660	-	-	-	-
TOTAL . . . . .	7,246,900	574,822	-	-	1,900	90
MIDDLE ATLANTIC:						
NEW YORK . . . . .	-	-	500	\$82	-	-
NEW JERSEY . . . . .	25,000	2,607	-	-	-	-
TOTAL . . . . .	25,000	2,607	500	82	-	-
GRAND TOTAL . . . . .	7,271,900	577,429	500	82	1,900	90

STATE	GILL NETS		LINES			
			HAND		TRAWL OR TROT, WITH HOOKS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
NEW ENGLAND:						
MAINE . . . . .	45,100	\$6,023	2,600	\$207	-	-
MASSACHUSETTS . . . . .	359,500	51,909	100	5	100	\$4
CONNECTICUT . . . . .	-	-	300	37	-	-
TOTAL . . . . .	404,600	57,932	3,000	249	100	4
MIDDLE ATLANTIC:						
NEW YORK . . . . .	4,500	629	95,000	14,889	-	-
NEW JERSEY . . . . .	529,300	67,557	17,700	2,473	-	-
TOTAL . . . . .	533,800	68,186	112,700	17,362	-	-
CHESAPEAKE:						
MARYLAND . . . . .	501,000	54,300	-	-	-	-
VIRGINIA . . . . .	4,252,300	467,660	-	-	-	-
TOTAL . . . . .	4,753,300	521,960	-	-	-	-
GRAND TOTAL . . . . .	5,691,700	548,078	115,700	17,611	100	4

STATE	LINES-CONTINUED		FLOATING TRAPS		POUND NETS	
	TROLL		POUNDS	VALUE	POUNDS	VALUE
	POUNDS	VALUE				
NEW ENGLAND:						
MAINE . . . . .	-	-	102,900	\$7,276	-	-
MASSACHUSETTS . . . . .	-	-	529,000	44,040	1,019,000	\$113,427
RHODE ISLAND . . . . .	1,700	\$196	71,500	6,368	-	-
TOTAL . . . . .	1,700	196	703,400	57,684	1,019,000	113,427
MIDDLE ATLANTIC:						
NEW YORK . . . . .	-	-	-	-	45,600	8,820
NEW JERSEY . . . . .	500	100	-	-	102,600	10,261
TOTAL . . . . .	500	100	-	-	148,200	19,081
GRAND TOTAL . . . . .	2,200	296	703,400	57,684	1,167,200	132,508

(CONTINUED ON NEXT PAGE)

# REVIEW OF CERTAIN MAJOR FISHERIES

## SUMMARY OF ATLANTIC MACKEREL CATCH, 1951 - Continued

STATE	WEIRS		OTTER TRAWLS		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
NEW ENGLAND:						
MAINE . . . . .	413,800	\$9,002	100	\$6	1,530,800	\$87,739
MASSACHUSETTS . . . . .	-	-	132,800	16,498	8,306,500	732,910
RHODE ISLAND . . . . .	-	-	2,000	294	91,700	9,518
CONNECTICUT . . . . .	-	-	6,000	609	6,300	646
TOTAL . . . . .	413,800	9,002	140,900	17,407	9,935,300	830,813
MIDDLE ATLANTIC:						
NEW YORK . . . . .	-	-	5,000	650	150,600	25,070
NEW JERSEY . . . . .	-	-	43,100	4,261	718,200	87,259
TOTAL . . . . .	-	-	48,100	4,911	868,800	112,329
CHESAPEAKE:						
MARYLAND . . . . .	-	-	-	-	501,000	54,300
VIRGINIA . . . . .	-	-	185,300	22,032	4,437,600	489,692
TOTAL . . . . .	-	-	185,300	22,032	4,938,600	543,992
SOUTH ATLANTIC, NORTH CAROLINA . . . . .	-	-	5,000	200	5,000	200
GRAND TOTAL . . . . .	413,800	9,002	379,300	44,550	15,747,700	1,487,334

## PACIFIC COAST MACKEREL FISHERY

The catch of Pacific mackerel during 1951 amounted to 33,518,400 pounds, valued at \$932,128 to the fishermen. This represented a decrease of 3 percent in quantity but an increase of 17 percent in value compared with the landings of the previous year. Landings of mackerel in recent years have been far below the record catch of 146 million pounds made in 1935 and the 1933-1943 average of nearly 89 million pounds.

The entire Pacific mackerel catch was taken in California. The San Pedro District accounted for 95 percent of the 1951 catch with the Santa Barbara, San Diego, and Monterey Districts contributing the remaining 5 percent.

Mackerel taken by seines and lampara nets accounted for 85 percent of the 1951 catch, while brail or scoop nets caught 14 percent. Lines, gill, and trammel nets accounted for the remaining 1 percent.

## SUMMARY OF PACIFIC MACKEREL CATCH, 1951

STATE AND DISTRICT	SEINES AND LAMPARA NETS		GILL AND TRAMMEL NETS		LINES	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CALIFORNIA:						
MONTEREY DISTRICT . . . .	335,300	\$15,794	-	-	22,600	\$1,064
SANTA BARBARA DISTRICT . .	775,900	19,007	300	\$8	500	13
SAN PEDRO DISTRICT . . . .	27,086,400	746,229	100	3	77,600	2,140
SAN DIEGO DISTRICT . . . .	315,800	12,063	2,000	74	66,000	2,524
TOTAL . . . . .	28,513,400	793,093	2,400	85	166,700	5,741
STATE AND DISTRICT	BRAIL OR SCOOP NETS			TOTAL		
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CALIFORNIA:						
MONTEREY DISTRICT . . . .	-	-	-	-	357,900	\$16,858
SANTA BARBARA DISTRICT . .	-	-	-	-	776,700	19,028
SAN PEDRO DISTRICT . . . .	4,835,900	\$133,229	-	-	32,000,000	881,601
SAN DIEGO DISTRICT . . . .	-	-	-	-	383,800	14,661
TOTAL . . . . .	4,835,900	133,229	-	-	33,518,400	932,148

ATLANTIC AND GULF COAST MENHADEN FISHERY

The catch of menhaden in 1951 established a new record of 1,127,065,600 pounds, valued at \$12,983,198 to the fishermen. The catch was far greater than that of any other species taken by United States and Alaska fishermen. Practically the entire 1951 menhaden production was used in the manufacture of oil and meal, with only small quantities being used for bait.

There has been increasing interest in menhaden fishing in the Gulf area. In 1934, less than 10 million pounds of menhaden were landed in this area. In 1940, this had increased to 25 million pounds; in 1950, to 347 million pounds; and in 1951, to 358 million pounds.

Of the total catch, 39 percent was landed in the Middle Atlantic area; 32 percent in the Gulf area; 17 percent in the South Atlantic area; 11 percent in the Chesapeake area; and the remaining 1 percent was landed in New England.

SUMMARY OF MENHADEN CATCH, 1951

STATE	PURSE SEINES		HAUL SEINES		GILL NETS	
	POUNDS	VALUE	POUNDS	VALUE	ANCHOR	
					POUNDS	VALUE
NEW ENGLAND:						
MAINE . . . . .	1,514,300	\$8,610	-	-	-	-
MASSACHUSETTS . . . . .	7,174,200	107,611	-	-	-	-
RHODE ISLAND . . . . .	2,951,700	44,191	-	-	-	-
TOTAL . . . . .	11,640,200	160,412	-	-	-	-
MIDDLE ATLANTIC:						
NEW YORK . . . . .	82,845,500	869,879	-	-	-	-
NEW JERSEY . . . . .	160,183,900	1,828,124	-	-	-	-
DELAWARE . . . . .	166,482,300	1,911,311	-	-	-	-
TOTAL . . . . .	409,511,700	4,609,313	-	-	-	-
CHESAPEAKE:						
MARYLAND . . . . .	-	-	27,800	\$283	10,600	\$246
VIRGINIA . . . . .	118,134,000	1,063,206	1,697,100	11,484	-	-
TOTAL . . . . .	118,134,000	1,063,206	1,724,900	11,767	10,600	246
SOUTH ATLANTIC:						
NORTH CAROLINA . . . . .	101,057,400	950,839	2,955,500	27,723	-	-
SOUTH CAROLINA . . . . .	4,476,900	44,769	-	-	-	-
FLORIDA, EAST COAST . . . . .	79,263,200	816,133	244,800	4,896	-	-
TOTAL . . . . .	184,797,500	1,811,741	3,200,300	32,619	-	-
GULF:						
FLORIDA, WEST COAST . . . . .	3,368,800	34,698	6,500	130	-	-
MISSISSIPPI . . . . .	114,894,600	1,424,141	-	-	-	-
LOUISIANA . . . . .	209,574,000	2,892,121	-	-	-	-
TEXAS . . . . .	30,121,200	521,096	-	-	-	-
TOTAL . . . . .	357,958,600	4,872,056	6,500	130	-	-
GRAND TOTAL . . . . .	1,082,042,000	12,516,728	4,931,700	44,516	10,600	246

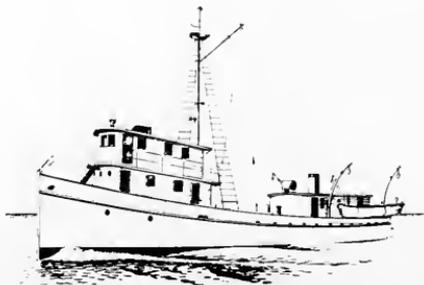
STATE	GILL NETS-CONTINUED					
	DRIFT		RUNAROUND		STAKE	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
NEW ENGLAND:						
MASSACHUSETTS . . . . .	300	\$3	-	-	-	-
CONNECTICUT . . . . .	41,100	577	-	-	-	-
TOTAL . . . . .	41,400	580	-	-	-	-
MIDDLE ATLANTIC,						
NEW JERSEY . . . . .	7,300	220	-	-	1,500	\$47
CHESAPEAKE:						
MARYLAND . . . . .	7,300	73	-	-	37,500	375
VIRGINIA . . . . .	29,100	147	-	-	19,900	100
TOTAL . . . . .	36,400	220	-	-	57,400	475
SOUTH ATLANTIC,						
FLORIDA, EAST COAST . . . . .	-	-	92,400	\$1,848	-	-
GRAND TOTAL . . . . .	85,100	1,020	92,400	1,848	58,900	522

## REVIEW OF CERTAIN MAJOR FISHERIES

## SUMMARY OF MENHADEN CATCH, 1951 - Continued

STATE	POUND NETS		FLOATING TRAPS		FYKE NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
NEW ENGLAND:						
MASSACHUSETTS . . . . .	32,000	\$586	1,200	\$12	-	-
RHODE ISLAND . . . . .	-	-	15,300	236	-	-
CONNECTICUT . . . . .	29,000	206	-	-	-	-
TOTAL . . . . .	61,000	792	16,500	248	-	-
MIDDLE ATLANTIC:						
NEW YORK . . . . .	2,587,700	26,865	-	-	-	-
NEW JERSEY . . . . .	29,709,900	351,261	-	-	-	-
TOTAL . . . . .	32,297,600	378,126	-	-	-	-
CHESAPEAKE:						
MARYLAND . . . . .	346,100	3,474	-	-	-	-
VIRGINIA . . . . .	7,019,800	35,100	-	-	94,000	\$471
TOTAL . . . . .	7,365,900	38,574	-	-	94,000	471
GRAND TOTAL . . . . .	39,724,500	417,492	16,500	248	94,000	471

STATE	OTTER TRAWLS		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE
NEW ENGLAND:				
MAINE . . . . .	-	-	1,514,300	\$8,610
MASSACHUSETTS . . . . .	400	\$5	7,208,100	108,217
RHODE ISLAND . . . . .	1,500	22	2,968,500	44,449
CONNECTICUT . . . . .	-	-	70,100	783
TOTAL . . . . .	1,900	27	11,761,000	162,059
MIDDLE ATLANTIC:				
NEW YORK . . . . .	-	-	85,433,200	896,743
NEW JERSEY . . . . .	-	-	189,902,600	2,179,652
DELAWARE . . . . .	6,400	64	166,488,700	1,911,375
TOTAL . . . . .	6,400	64	441,824,500	4,987,770
CHESAPEAKE:				
MARYLAND . . . . .	1,600	16	430,900	4,467
VIRGINIA . . . . .	-	-	126,993,900	1,110,508
TOTAL . . . . .	1,600	16	127,424,800	1,114,975
SOUTH ATLANTIC:				
NORTH CAROLINA . . . . .	-	-	104,012,900	978,562
SOUTH CAROLINA . . . . .	-	-	4,476,900	44,769
FLORIDA, EAST COAST . . . . .	-	-	79,600,400	822,677
TOTAL . . . . .	-	-	188,090,200	1,846,208
GULF:				
FLORIDA, WEST COAST . . . . .	-	-	3,375,300	34,828
MISSISSIPPI . . . . .	-	-	114,894,600	1,424,141
LOUISIANA . . . . .	-	-	209,574,000	2,892,121
TEXAS . . . . .	-	-	30,121,200	521,096
TOTAL . . . . .	-	-	357,965,100	4,872,186
GRAND TOTAL . . . . .	9,900	107	1,127,065,600	12,983,198



MENHADEN VESSEL

OCEAN PERCH FISHERY

The catch of ocean perch in 1951 established a new record of 258,320,100 pounds, valued at \$12,596,680 to the fishermen. This represented increases of 24 percent in quantity and 38 percent in value compared with the landings of the previous year. Vessels landing at Massachusetts ports accounted for 71 percent of the total while deliveries at Maine ports, principally Portland and Rockland, comprised 29 percent. Landings in Rhode Island, the only other state in which these fish were landed totaled only 7,500 pounds.

Practically the entire catch was taken by otter trawls, with only four hundred pounds reported taken by other types of gear.

The entire ocean perch catch was used for producing fillets, most of which were frozen. Waste from filleting was used in the manufacture of meal and oil, and as lobster bait.

SUMMARY OF OCEAN PERCH CATCH, 1951

STATE	GILL NETS, ANCHOR		LINES, TRAWL OR TROT, WITH HOOKS		OTTER TRAWLS		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
NEW ENGLAND:								
MAINE . . . . .	-	-	200	\$7	73,941,600	\$3,428,809	73,941,800	\$3,428,816
MASSACHUSETTS . . . . .	100	\$4	100	6	184,370,600	9,167,532	184,370,800	9,167,542
RHODE ISLAND . . . . .	-	-	-	-	7,500	322	7,500	322
TOTAL . . . . .	100	4	300	13	258,319,700	12,596,663	258,320,100	12,596,680

PACIFIC COAST PILCHARD FISHERY

During 1951, the catch of pilchards amounted to 328,894,400 pounds, valued at \$7,247,606 to the fishermen. This represented decreases of 54 percent in quantity and 40 percent in value compared with the landings of the previous year.

Landings of pilchards in the San Francisco District during the year totaled only 165,100 pounds. Ten years previously -- in 1941 -- landings of this species in the Bay area totaled over 395 million pounds.

California landings accounted for practically the entire catch for the year with only 1,700 pounds being landed in the Puget Sound District of Washington. All but 400 pounds of the total production was taken in seines and lampara nets.

SUMMARY OF PILCHARD CATCH, 1951

STATE AND DISTRICT	SEINES AND LAMPARA NETS		GILL NETS		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
WASHINGTON, PUGET SOUND . . . . .	1,700	\$136	-	-	1,700	\$136
CALIFORNIA:						
SAN FRANCISCO DISTRICT . . . . .	164,700	3,810	400	\$5	165,100	3,815
MONTEREY DISTRICT . . . . .	1,757,100	52,887	-	-	1,757,100	52,887
SANTA BARBARA DISTRICT . . . . .	74,972,900	1,566,934	-	-	74,972,900	1,566,934
SAN PEDRO DISTRICT . . . . .	246,572,600	5,547,883	-	-	246,572,600	5,547,883
SAN DIEGO DISTRICT . . . . .	5,425,000	75,951	-	-	5,425,000	75,951
TOTAL . . . . .	328,892,300	7,247,465	400	5	328,892,700	7,247,470
GRAND TOTAL . . . . .	328,894,000	7,247,601	400	5	328,894,400	7,247,606

## REVIEW OF CERTAIN MAJOR FISHERIES

## PACIFIC COAST SALMON FISHERY

During 1951, the catch of salmon in the Pacific Coast States and Alaska totaled 374,223,012 pounds compared with 328,643,800 pounds the previous year -- an increase of nearly 46 million pounds or 14 percent. Landings in the Pacific Coast States increased nearly 34 million pounds while those in Alaska were nearly 12 million pounds greater than in the previous year. In the Puget Sound District of Washington where pink salmon are taken in quantity only in the odd-numbered years, the catch of this species amounted to nearly 34 million pounds. The catch of pink salmon in this area during 1949, the previous cycle year, was 65.6 million pounds. Landings of pink salmon in South-eastern Alaska were over 50 million pounds larger than during the previous year.

The most important types of gear used in taking salmon in 1951 were purse seines, 129 million pounds; pound nets (including floating traps), 104 million pounds; gill nets, 85 million pounds; and lines, 50 million pounds. Smaller quantities were also taken by reef nets, dip nets, and haul seines.



## SALMON CATCH BY DISTRICT AND GEAR, 1951

GEAR AND SPECIES	ALASKA			
	SOUTHEASTERN	CENTRAL	WESTERN	TOTAL
	POUNDS	POUNDS	POUNDS	POUNDS
<b>PURSE SEINES: 1/</b>				
CHINOOK OR KING. . . . .	35,020	85,960	17,320	138,300
CHUM OR KETA . . . . .	19,426,272	10,290,208	2,302,504	32,018,984
PINK . . . . .	28,375,348	15,748,440	83,452	44,207,240
RED OR SOCKEYE . . . . .	870,384	3,768,726	1,770,732	6,409,842
SILVER OR COHO . . . . .	2,085,993	591,813	15,795	2,693,601
TOTAL . . . . .	50,793,017	30,485,147	4,189,803	85,467,967
<b>GILL NETS:</b>				
CHINOOK OR KING. . . . .	408,000	2,999,580	2,021,600	5,429,180
CHUM OR KETA . . . . .	387,088	1,862,288	1,331,454	3,580,840
PINK . . . . .	655,048	791,616	256	1,446,920
RED OR SOCKEYE . . . . .	2,368,200	13,989,498	26,412,444	42,770,142
SILVER OR COHO . . . . .	2,286,900	3,286,845	666,333	6,240,078
TOTAL . . . . .	6,105,236	22,929,827	30,432,097	59,467,160
<b>LINES:</b>				
CHINOOK OR KING. . . . .	9,023,600	2,560	-	9,026,160
CHUM OR KETA . . . . .	191,552	-	-	191,552
PINK . . . . .	671,520	-	-	671,520
RED OR SOCKEYE . . . . .	8,988	-	-	8,988
SILVER OR COHO . . . . .	18,023,877	783	-	18,024,660
TOTAL . . . . .	27,919,537	3,343	-	27,922,880
<b>POUND NETS:</b>				
CHINOOK OR KING. . . . .	20,580	1,176,620	-	1,197,200
CHUM OR KETA . . . . .	12,979,168	4,163,776	-	17,142,944
PINK . . . . .	59,142,564	8,198,352	-	67,340,916
RED OR SOCKEYE . . . . .	1,670,154	7,057,782	-	8,727,936
SILVER OR COHO . . . . .	7,395,291	1,926,018	-	9,321,309
TOTAL . . . . .	81,207,757	22,522,548	-	103,730,305
<b>GRAND TOTAL . . . . .</b>	<b>166,025,547</b>	<b>75,940,865</b>	<b>34,621,900</b>	<b>276,588,312</b>

SALMON CATCH BY DISTRICT AND GEAR, 1951 - Continued

GEAR AND SPECIES	WASHINGTON							
	PUGET SOUND		WASHINGTON COAST		COLUMBIA RIVER		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
PURSE SEINES:								
CHUM OR KING . . .	561,500	\$101,071	-	-	-	-	561,500	\$101,071
CHUM OR KETA . . .	6,803,300	1,000,089	-	-	-	-	6,803,300	1,000,089
PINK . . . . .	28,009,300	4,201,393	-	-	-	-	28,009,300	4,201,393
RED OR SOCKEYE . . .	5,989,600	1,796,886	-	-	-	-	5,989,600	1,796,886
SILVER OR COHO . . .	2,563,600	512,726	-	-	-	-	2,563,600	512,726
TOTAL . . . . .	43,927,300	7,612,165	-	-	-	-	43,927,300	7,612,165
HAUL SEINES:								
CHUM OR KING . . .	23,000	4,146	200	\$32	-	-	23,200	4,178
CHUM OR KETA . . .	77,000	11,315	-	-	-	-	77,000	11,315
PINK . . . . .	410,000	61,504	-	-	-	-	410,000	61,504
RED OR SOCKEYE . . .	2,000	595	-	-	-	-	2,000	595
SILVER OR COHO . . .	29,300	5,864	-	-	-	-	29,300	5,864
TOTAL . . . . .	541,300	83,424	200	32	-	-	541,500	83,456
GILL NETS:								
CHUM OR KING . . .	465,900	117,772	702,700	117,822	3,150,900	\$819,225	4,319,500	1,054,819
CHUM OR KETA . . .	2,001,600	294,231	2,078,400	187,059	262,900	26,287	4,342,900	507,577
PINK . . . . .	2,809,300	421,475	100	15	-	-	2,809,900	421,490
RED OR SOCKEYE . . .	1,046,400	313,920	276,600	138,315	36,200	10,968	1,359,200	463,203
SILVER OR COHO . . .	1,311,900	305,783	1,826,000	346,940	346,100	61,944	3,484,000	714,667
TOTAL . . . . .	7,635,600	1,453,181	4,883,800	790,151	3,796,100	918,424	16,315,500	3,161,756
LINES:								
CHUM OR KING . . .	1,877,500	606,442	2,717,300	815,198	835,300	241,325	5,430,100	1,662,965
CHUM OR KETA . . .	300	45	100	10	-	-	400	55
PINK . . . . .	191,100	28,668	34,800	5,220	-	-	225,900	33,888
RED OR SOCKEYE . . .	1,400	407	500	150	-	-	1,900	557
SILVER OR COHO . . .	2,372,700	638,262	2,147,000	536,744	867,900	163,167	5,387,600	1,338,173
TOTAL . . . . .	4,443,000	1,273,824	4,899,700	1,357,322	1,703,200	404,492	11,045,900	3,035,638
POUND NETS:								
CHUM OR KING . . .	88,900	16,006	-	-	-	-	88,900	16,006
CHUM OR KETA . . .	18,500	2,723	-	-	-	-	18,500	2,723
PINK . . . . .	85,500	12,825	-	-	-	-	85,500	12,825
RED OR SOCKEYE . . .	4,200	1,261	-	-	-	-	4,200	1,261
SILVER OR COHO . . .	79,400	15,882	-	-	-	-	79,400	15,882
TOTAL . . . . .	276,500	48,697	-	-	-	-	276,500	48,697
REEF NETS:								
CHUM OR KING . . .	95,900	17,266	-	-	-	-	95,900	17,266
CHUM OR KETA . . .	341,700	50,228	-	-	-	-	341,700	50,228
PINK . . . . .	2,437,000	365,547	-	-	-	-	2,437,000	365,547
RED OR SOCKEYE . . .	774,200	232,253	-	-	-	-	774,200	232,253
SILVER OR COHO . . .	374,400	74,880	-	-	-	-	374,400	74,880
TOTAL . . . . .	4,023,200	740,174	-	-	-	-	4,023,200	740,174
DIP NETS:								
CHUM OR KING . . .	-	-	-	-	388,600	101,041	388,600	101,041
CHUM OR KETA . . .	-	-	-	-	100	9	100	9
RED OR SOCKEYE . . .	-	-	-	-	14,900	4,507	14,900	4,507
SILVER OR COHO . . .	-	-	-	-	1,100	204	1,100	204
TOTAL . . . . .	-	-	-	-	404,700	105,761	404,700	105,761
GRAND TOTAL . . . .	60,846,900	11,211,465	9,783,700	2,147,505	5,904,000	1,428,677	76,534,600	14,787,647

GEAR AND SPECIES	OREGON					
	COLUMBIA RIVER		OREGON COAST		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
GILL NETS:						
CHUM OR KING . . .	5,401,700	\$1,404,442	218,400	\$45,209	5,620,100	\$1,449,651
CHUM OR KETA . . .	269,400	26,940	345,800	34,578	615,200	61,518
RED OR SOCKEYE . . .	101,000	30,603	-	-	101,000	30,603
SILVER OR COHO . . .	618,700	110,747	968,200	182,022	1,586,900	292,769
TOTAL . . . . .	6,390,800	1,572,732	1,532,400	261,809	7,923,200	1,834,541
LINES:						
CHUM OR KING . . .	464,500	135,170	2,135,300	653,403	2,599,800	788,573
CHUM OR KETA . . .	-	-	300	30	300	30
SILVER OR COHO . . .	589,700	112,043	1,685,600	355,656	2,275,300	467,699
TOTAL . . . . .	1,054,200	247,213	3,821,200	1,009,089	4,875,400	1,256,302

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

## REVIEW OF CERTAIN MAJOR FISHERIES

## SALMON CATCH BY DISTRICT AND GEAR, 1951 - Continued

GEAR AND SPECIES	OREGON - CONTINUED					
	COLUMBIA RIVER		OREGON COAST		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
DIP NETS:						
CHINOOK OR KING. . . . .	1,089,400	\$283,244	-	-	1,089,400	\$283,244
RED OR SOCKEYE . . . . .	17,400	5,272	-	-	17,400	5,272
SILVER OR COHO . . . . .	2,000	358	-	-	2,000	358
TOTAL . . . . .	1,108,800	288,874	-	-	1,108,800	288,874
GRAND TOTAL . . . . .	8,553,800	2,108,819	5,353,600	\$1,270,898	13,907,400	3,379,717

GEAR AND SPECIES	CALIFORNIA					
	NORTHERN DISTRICT		SAN FRANCISCO DISTRICT		MONTEREY DISTRICT	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
GILL NETS, CHINOOK OR KING. . . . .	-	-	1,343,200	\$301,877	-	-
LINES, CHINOOK OR KING. . . . .	2,002,400	\$520,130	3,165,400	925,562	679,100	\$224,383
GRAND TOTAL . . . . .	2,002,400	520,130	4,508,600	1,227,439	679,100	224,383

GEAR AND SPECIES	CALIFORNIA - CONTINUED							
	SANTA BARBARA DISTRICT		SAN PEDRO DISTRICT		SAN DIEGO DISTRICT		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
GILL NETS, CHINOOK OR KING. . . . .	-	-	-	-	-	-	1,343,200	\$301,877
LINES, CHINOOK OR KING. . . . .	1,800	\$724	500	\$162	300	\$124	5,849,500	1,671,085
GRAND TOTAL . . . . .	1,800	724	500	162	300	124	7,192,700	1,972,962

1/ THE CATCH MADE BY HAUL SEINES IN ALASKA HAS BEEN INCLUDED WITH PURSE SEINES AS DATA ARE NOT AVAILABLE ON THE CATCH BY EACH GEAR.

## SUMMARY OF SALMON CATCH BY GEAR, 1951

STATE AND DISTRICT	PURSE SEINES	HAUL SEINES	GILL NETS	LINES
	POUNDS	POUNDS	POUNDS	POUNDS
ALASKA:				
SOUTHEASTERN . . . . .	50,793,017	-	6,105,236	27,919,537
CENTRAL . . . . .	30,485,147	-	22,929,827	3,343
WESTERN . . . . .	4,189,803	-	30,432,097	-
TOTAL . . . . .	85,467,967	-	59,467,160	27,922,880
WASHINGTON:				
PUGET SOUND . . . . .	43,927,300	541,300	7,635,600	4,443,000
WASHINGTON COAST . . . . .	-	200	4,883,800	4,899,700
COLUMBIA RIVER . . . . .	-	-	3,796,100	1,703,200
TOTAL . . . . .	43,927,300	541,500	16,315,500	11,045,900
OREGON:				
COLUMBIA RIVER . . . . .	-	-	6,390,800	1,054,200
OREGON COAST . . . . .	-	-	1,532,400	3,821,200
TOTAL . . . . .	-	-	7,923,200	4,875,400
CALIFORNIA:				
NORTHERN DISTRICT . . . . .	-	-	-	2,002,400
SAN FRANCISCO DISTRICT . . . . .	-	-	1,343,200	3,165,400
MONTEREY DISTRICT . . . . .	-	-	-	679,100
SANTA BARBARA DISTRICT . . . . .	-	-	-	1,800
SAN PEDRO DISTRICT . . . . .	-	-	-	500
SAN DIEGO DISTRICT . . . . .	-	-	-	300
TOTAL . . . . .	-	-	1,343,200	5,849,500
GRAND TOTAL . . . . .	129,395,267	541,500	85,049,060	49,693,680

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

# REVIEW OF CERTAIN MAJOR FISHERIES

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## SUMMARY OF SALMON CATCH BY GEAR, 1951 - Continued

STATE AND DISTRICT	POUND NETS	REEF NETS	DIP NETS	TOTAL
	POUNDS	POUNDS	POUNDS	POUNDS
<b>ALASKA:</b>				
SOUTHEASTERN . . . . .	81,207,757	-	-	166,025,547
CENTRAL . . . . .	22,522,548	-	-	75,940,865
WESTERN . . . . .	-	-	-	34,621,900
TOTAL . . . . .	103,730,305	-	-	276,588,312
<b>WASHINGTON:</b>				
PUGET SOUND . . . . .	276,500	4,023,200	-	60,846,900
WASHINGTON COAST . . . . .	-	-	-	9,783,700
COLUMBIA RIVER . . . . .	-	-	404,700	5,904,000
TOTAL . . . . .	276,500	4,023,200	404,700	76,534,600
<b>OREGON:</b>				
COLUMBIA RIVER . . . . .	-	-	1,108,800	8,553,800
OREGON COAST . . . . .	-	-	-	5,353,600
TOTAL . . . . .	-	-	1,108,800	13,907,400
<b>CALIFORNIA:</b>				
NORTHERN DISTRICT . . . . .	-	-	-	2,002,400
SAN FRANCISCO DISTRICT . . . . .	-	-	-	4,508,600
MONTEREY DISTRICT . . . . .	-	-	-	679,100
SANTA BARBARA DISTRICT . . . . .	-	-	-	1,800
SAN PEDRO DISTRICT . . . . .	-	-	-	500
SAN DIEGO DISTRICT . . . . .	-	-	-	300
TOTAL . . . . .	-	-	-	7,192,700
<b>GRAND TOTAL . . . . .</b>	<b>104,006,805</b>	<b>4,023,200</b>	<b>1,513,500</b>	<b>374,223,012</b>

NOTE:--THE CATCH MADE BY HAUL SEINES IN ALASKA HAS BEEN INCLUDED WITH PURSE SEINES AS DATA ARE NOT AVAILABLE ON THE CATCH BY EACH GEAR.

## SUMMARY OF SALMON CATCH BY DISTRICTS, 1951

SPECIES	ALASKA			
	SOUTHEASTERN		CENTRAL	
	POUNDS	VALUE	POUNDS	VALUE
CHINOOK OR KING . . . . .	9,487,200	\$1,824,763	4,264,720	\$820,274
CHUM OR KETA . . . . .	32,984,080	2,727,750	16,316,272	1,349,339
PINK . . . . .	88,844,480	10,268,334	24,738,408	2,859,178
RED OR SOCKEYE . . . . .	4,917,726	569,964	24,816,006	2,876,174
SILVER OR COHO . . . . .	29,792,061	4,190,959	5,805,459	816,675
TOTAL . . . . .	166,025,547	19,581,770	75,940,865	8,721,640

SPECIES	ALASKA - CONTINUED			
	WESTERN		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE
CHINOOK OR KING . . . . .	2,036,920	\$392,165	15,790,840	\$3,037,202
CHUM OR KETA . . . . .	3,633,968	300,526	52,934,320	4,377,615
PINK . . . . .	83,708	9,674	113,666,596	13,137,186
RED OR SOCKEYE . . . . .	26,183,176	3,266,428	57,916,908	6,712,566
SILVER OR COHO . . . . .	682,128	95,957	36,279,648	5,103,591
TOTAL . . . . .	34,621,900	4,064,750	276,588,312	32,368,160

SPECIES	WASHINGTON			
	PUGET SOUND		WASHINGTON COAST	
	POUNDS	VALUE	POUNDS	VALUE
CHINOOK OR KING . . . . .	3,112,700	\$862,703	3,420,200	\$933,052
CHUM OR KETA . . . . .	9,242,400	1,358,631	2,078,500	187,069
PINK . . . . .	33,942,700	5,091,412	34,900	5,235
RED OR SOCKEYE . . . . .	7,817,800	2,345,322	277,100	138,465
SILVER OR COHO . . . . .	6,731,300	1,553,397	3,973,000	883,684
TOTAL . . . . .	60,846,900	11,211,465	9,783,700	2,147,505

(CONTINUED ON NEXT PAGE)

# REVIEW OF CERTAIN MAJOR FISHERIES

## SUMMARY OF SALMON CATCH BY DISTRICTS, 1951 - Continued

SPECIES	WASHINGTON - CONTINUED					
	COLUMBIA RIVER			TOTAL		
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CHINOOK OR KING . . . . .	4,374,800	\$1,161,591	10,907,700	\$2,957,346		
CHUM OR KETA . . . . .	263,000	26,296	11,583,900	1,571,996		
PINK . . . . .	-	-	33,977,600	5,096,647		
RED OR SOCKEYE . . . . .	51,100	15,475	8,146,000	2,499,262		
SILVER OR COHO . . . . .	1,215,100	225,315	11,919,400	2,662,396		
TOTAL . . . . .	5,904,000	1,428,677	76,534,600	14,787,647		

SPECIES	OREGON					
	COLUMBIA RIVER		OREGON COAST		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CHINOOK OR KING . . . . .	6,955,600	\$1,822,856	2,353,700	\$698,612	9,309,300	\$2,521,468
CHUM OR KETA . . . . .	269,400	26,940	346,100	34,608	615,500	61,548
RED OR SOCKEYE . . . . .	118,400	35,875	-	-	118,400	35,875
SILVER OR COHO . . . . .	1,210,400	223,148	2,653,800	537,678	3,864,200	760,826
TOTAL . . . . .	8,553,800	2,108,819	5,353,600	1,270,898	13,907,400	3,379,717

SPECIES	CALIFORNIA					
	NORTHERN DISTRICT		SAN FRANCISCO DISTRICT		MONTEREY DISTRICT	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CHINOOK OR KING . . . . .	2,002,400	\$520,130	4,508,600	\$1,227,439	679,100	\$224,383
TOTAL . . . . .	2,002,400	520,130	4,508,600	1,227,439	679,100	224,383

SPECIES	CALIFORNIA - CONTINUED							
	SANTA BARBARA DISTRICT		SAN PEORO DISTRICT		SAN DIEGO DISTRICT		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CHINOOK OR KING . . . . .	1,800	\$724	500	\$162	300	\$124	7,192,700	\$1,972,962
TOTAL . . . . .	1,800	724	500	162	300	124	7,192,700	1,972,962

## SUMMARY OF SALMON CATCH BY SPECIES, 1951

SPECIES	GRAND TOTAL	
	POUNDS	VALUE
CHINOOK OR KING . . . . .	43,200,540	\$10,488,978
CHUM OR KETA . . . . .	65,133,720	6,011,159
PINK . . . . .	147,644,196	18,233,833
RED OR SOCKEYE . . . . .	66,181,308	9,247,703
SILVER OR COHO . . . . .	52,063,248	8,526,813
TOTAL . . . . .	374,223,012	52,508,486



# REVIEW OF CERTAIN MAJOR FISHERIES

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## PACIFIC COAST TUNA FISHERY

Landings of tuna and tunalike fishes in the Pacific Coast States during 1951 totaled 317,210,200 pounds, valued at \$47,697,356 to the fishermen. This represented decreases of 19 percent in quantity, and 22 percent in value compared with the landings of the previous year which had broken all previous records. Over 390 million pounds of tuna were landed at West Coast ports during 1950.

Tuna prices for raw fish started the year at nearly the same as the previous year: yellowfin, \$310; bluefin, \$300; and skipjack, \$290. The per-ton price for albacore began at \$400 in June when this species appeared, but rapidly declined until it reached \$300, and then fell to \$250 per ton by the end of the season. The market for skipjack likewise weakened before the end of the season.

Yellowfin was the most important species taken, accounting for 51 percent of the total landings. Skipjack and albacore represented 37 and 11 percent respectively with the balance consisting of bluefin and bonito.

### SUMMARY OF PACIFIC TUNA CATCH, 1951

STATE AND DISTRICT	PURSE SEINES					
	ALBACORE		BLUEFIN		BONITO	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CALIFORNIA:						
MONTEREY DISTRICT . . . .	-	-	67,100	\$10,061	7,500	\$702
SANTA BARBARA DISTRICT. . .	-	-	-	-	3,400	303
SAN PEDRO DISTRICT. . . .	12,500	\$2,005	3,401,700	533,392	609,900	59,037
SAN DIEGO DISTRICT. . . .	-	-	388,700	59,831	37,800	3,398
TOTAL CALIFORNIA . . . .	12,500	2,005	3,857,500	603,284	658,600	63,440
STATE AND DISTRICT	PURSE SEINES - CONTINUED					
	SKIPJACK		YELLOWFIN		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
OREGON, COLUMBIA RIVER DISTRICT . . . . .	140,000	\$20,300	64,100	\$9,936	204,100	\$30,236
TOTAL OREGON . . . . .	140,000	20,300	64,100	9,936	204,100	30,236
CALIFORNIA:						
MONTEREY DISTRICT . . . .	89,700	12,884	18,800	2,910	183,100	26,557
SANTA BARBARA DISTRICT. . .	-	-	-	-	3,400	303
SAN PEDRO DISTRICT. . . .	11,733,100	1,654,383	14,238,400	2,195,561	29,995,600	4,444,378
SAN DIEGO DISTRICT. . . .	891,300	128,704	208,800	32,343	1,526,600	224,276
TOTAL CALIFORNIA . . . .	12,714,100	1,795,971	14,466,000	2,230,814	31,708,700	4,695,514
GRAND TOTAL. . . . .	12,854,100	1,816,271	14,530,100	2,240,750	31,912,800	4,725,750
STATE AND DISTRICT	LINES					
	ALBACORE		BLUEFIN		BONITO	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
WASHINGTON:						
PUGET SOUND DISTRICT. . .	274,300	\$40,871	-	-	-	-
COASTAL DISTRICT. . . . .	339,200	50,878	-	-	-	-
COLUMBIA RIVER DISTRICT. . .	11,900	1,791	-	-	-	-
TOTAL WASHINGTON . . . .	625,400	93,540	-	-	-	-
OREGON:						
COLUMBIA RIVER DISTRICT . .	2,020,800	303,120	-	-	-	-
COASTAL DISTRICT. . . . .	929,100	139,360	-	-	-	-
TOTAL OREGON . . . . .	2,949,900	442,480	-	-	-	-
CALIFORNIA:						
NORTHERN DISTRICT . . . .	2,051,500	259,001	-	-	-	-
SAN FRANCISCO DISTRICT. . .	2,680,400	430,767	-	-	-	-
MONTEREY DISTRICT . . . .	2,965,700	390,127	-	-	-	-
SANTA BARBARA DISTRICT. . .	156,200	21,006	-	-	-	-
SAN PEDRO DISTRICT. . . .	7,091,900	1,139,678	2,200	\$342	28,900	\$2,803
SAN DIEGO DISTRICT. . . .	15,956,100	2,624,779	2,300	339	83,900	7,545
TOTAL CALIFORNIA . . . .	30,902,800	4,865,358	4,500	681	112,800	10,348
GRAND TOTAL. . . . .	34,478,100	5,401,378	4,500	681	112,800	10,348

(CONTINUED ON NEXT PAGE)

## REVIEW OF CERTAIN MAJOR FISHERIES

## SUMMARY OF PACIFIC TUNA CATCH, 1951 - Continued

STATE AND DISTRICT	LINES - CONTINUED					
	SKIPJACK		YELLOWFIN		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
WASHINGTON:	-	-	-	-	274,300	\$40,871
PUGET SOUND DISTRICT. . . . .	-	-	-	-	519,200	78,378
COASTAL DISTRICT. . . . .	40,000	\$5,800	140,000	\$21,700	11,900	1,791
COLUMBIA RIVER DISTRICT. . . . .	-	-	-	-	-	-
TOTAL WASHINGTON. . . . .	40,000	5,800	140,000	21,700	605,400	121,040
OREGON:	-	-	-	-	-	-
COLUMBIA RIVER DISTRICT. . . . .	524,900	76,110	1,031,100	159,820	3,576,800	539,050
COASTAL DISTRICT. . . . .	-	-	-	-	929,100	139,360
TOTAL OREGON. . . . .	524,900	76,110	1,031,100	159,820	4,505,900	678,410
CALIFORNIA:	-	-	-	-	-	-
NORTHERN DISTRICT. . . . .	-	-	-	-	2,051,500	259,001
SAN FRANCISCO DISTRICT. . . . .	4,800	695	202,000	29,906	2,887,200	461,368
MONTEREY DISTRICT. . . . .	-	-	-	-	2,966,700	390,127
SANTA BARBARA DISTRICT. . . . .	-	-	-	-	156,200	21,006
SAN PEDRO DISTRICT. . . . .	41,868,000	5,903,442	59,453,300	9,167,693	108,444,300	16,213,958
SAN DIEGO DISTRICT. . . . .	61,307,200	8,852,752	86,124,900	13,340,742	163,474,400	24,826,157
TOTAL CALIFORNIA. . . . .	103,180,000	14,756,889	145,780,200	22,538,341	279,980,300	42,171,617
GRAND TOTAL. . . . .	103,744,900	14,838,799	146,951,300	22,719,861	285,291,600	42,971,067

STATE AND DISTRICT	GILL AND TRAMMEL NETS					
	BLUEFIN		BONITO		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CALIFORNIA:	-	-	-	-	-	-
SANTA BARBARA DISTRICT. . . . .	400	\$62	3,000	\$261	3,400	\$323
SAN PEDRO DISTRICT. . . . .	-	-	600	57	600	57
SAN DIEGO DISTRICT. . . . .	-	-	1,800	159	1,800	159
TOTAL CALIFORNIA. . . . .	400	62	5,400	477	5,800	539

## SUMMARY OF TUNA CATCH BY DISTRICTS, 1951

STATE AND DISTRICT	ALBACORE		BLUEFIN		BONITO	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
WASHINGTON:	-	-	-	-	-	-
PUGET SOUND DISTRICT. . . . .	274,300	\$40,871	-	-	-	-
COASTAL DISTRICT. . . . .	339,200	50,878	-	-	-	-
COLUMBIA RIVER DISTRICT. . . . .	11,900	1,791	-	-	-	-
TOTAL WASHINGTON. . . . .	625,400	93,540	-	-	-	-
OREGON:	-	-	-	-	-	-
COLUMBIA RIVER DISTRICT. . . . .	2,020,800	303,120	-	-	-	-
COASTAL DISTRICT. . . . .	929,100	139,360	-	-	-	-
TOTAL OREGON. . . . .	2,949,900	442,480	-	-	-	-
CALIFORNIA:	-	-	-	-	-	-
NORTHERN DISTRICT. . . . .	2,051,500	259,001	-	-	-	-
SAN FRANCISCO DISTRICT. . . . .	2,680,400	430,767	-	-	-	-
MONTEREY DISTRICT. . . . .	2,966,700	390,127	67,100	\$10,061	7,500	\$702
SANTA BARBARA DISTRICT. . . . .	156,200	21,006	400	62	6,400	564
SAN PEDRO DISTRICT. . . . .	7,104,400	1,141,683	3,403,900	533,734	639,400	61,897
SAN DIEGO DISTRICT. . . . .	15,956,100	2,624,779	391,000	60,170	123,500	11,102
TOTAL CALIFORNIA. . . . .	30,915,300	4,867,363	3,862,400	604,027	776,800	74,265
GRAND TOTAL. . . . .	34,490,600	5,403,383	3,862,400	604,027	776,800	74,265

(CONTINUED ON NEXT PAGE)

## SUMMARY OF TUNA CATCH BY DISTRICTS, 1951 - Continued

STATE AND DISTRICT	SKIPJACK		YELLOWFIN		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
<b>WASHINGTON:</b>						
PUGET SOUND DISTRICT. . . . .	-	-	-	-	274,300	\$40,871
COASTAL DISTRICT. . . . .	40,000	\$5,800	140,000	\$21,700	519,200	78,378
COLUMBIA RIVER DISTRICT. . . . .	-	-	-	-	11,900	1,791
TOTAL WASHINGTON. . . . .	40,000	5,800	140,000	21,700	805,400	121,040
<b>OREGON:</b>						
COLUMBIA RIVER DISTRICT. . . . .	664,900	96,410	1,095,200	169,756	3,780,900	569,286
COASTAL DISTRICT. . . . .	-	-	-	-	929,100	139,360
TOTAL OREGON. . . . .	664,900	96,410	1,095,200	169,756	4,710,000	708,646
<b>CALIFORNIA:</b>						
NORTHERN DISTRICT. . . . .	-	-	-	-	2,051,500	259,001
SAN FRANCISCO DISTRICT. . . . .	4,800	695	202,000	29,906	2,887,200	461,368
MONTEREY DISTRICT. . . . .	89,700	12,884	18,800	2,910	3,149,800	416,684
SANTA BARBARA DISTRICT. . . . .	-	-	-	-	163,000	21,632
SAN PEDRO DISTRICT. . . . .	53,601,100	7,557,825	73,691,700	11,363,254	138,440,500	20,658,393
SAN DIEGO DISTRICT. . . . .	62,198,500	8,981,456	86,333,700	13,373,085	165,002,800	25,050,592
TOTAL CALIFORNIA. . . . .	115,894,100	16,552,860	160,246,200	24,769,155	311,694,800	46,867,670
<b>GRAND TOTAL. . . . .</b>	<b>116,599,000</b>	<b>16,655,070</b>	<b>161,481,400</b>	<b>24,960,611</b>	<b>317,210,200</b>	<b>47,697,356</b>

TUNA JIGS



## REVIEW OF CERTAIN MAJOR FISHERIES

## UNITED STATES OYSTER FISHERY

During 1951, the production of oyster meats in the United States amounted to 72,989,600 pounds, valued at \$29,069,768 to the fishermen. This represented decreases of 4 percent in quantity and 2 percent in value compared with the production the previous year.

The Chesapeake area led all others in the production of oyster meats with 40 percent of the total. The Middle Atlantic area was in second place with 24 percent followed by the Gulf area with 16 percent and the Pacific Coast area with 12 percent. The South Atlantic and the New England areas made up the remaining 8 percent.

Dredges accounted for 51,526,700 pounds or 70 percent of the total production, while tongs, with 18,744,100 pounds accounted for 26 percent. Grabs, rakes, forks and gathering by hand made up the remaining 4 percent.

In Section 13 of this Digest, under the heading, "Conversion Factors", there are tables which give the volume of the bushel 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.

## SUMMARY OF OYSTER CATCH, 1951

STATE	DREDGES		TONGS		RAKES	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
NEW ENGLAND:						
MASSACHUSETTS:						
EASTERN PUBLIC. . . . .	-	-	97,200	\$55,650	11,600	\$7,206
EASTERN PRIVATE. . . . .	85,200	\$59,607	19,200	11,439	26,800	20,625
TOTAL. . . . .	85,200	59,607	116,400	67,089	38,400	27,831
RHODE ISLAND, EASTERN PRIVATE. . . . .	860,300	486,793	8,400	4,156	-	-
CONNECTICUT:						
EASTERN PUBLIC. . . . .	-	-	49,700	19,137	500	190
EASTERN PRIVATE. . . . .	802,500	345,195	-	-	-	-
TOTAL. . . . .	802,500	345,195	49,700	19,137	500	190
TOTAL NEW ENGLAND. . . . .	1,748,000	891,595	174,500	90,382	38,900	28,021
MIDDLE ATLANTIC:						
NEW YORK:						
EASTERN PUBLIC. . . . .	-	-	44,100	29,365	-	-
EASTERN PRIVATE. . . . .	9,339,000	6,225,905	-	-	-	-
TOTAL. . . . .	9,339,000	6,225,905	44,100	29,365	-	-
NEW JERSEY:						
EASTERN PUBLIC. . . . .	-	-	66,300	26,594	-	-
EASTERN PRIVATE. . . . .	5,654,800	2,359,149	40,200	19,938	-	-
TOTAL. . . . .	5,654,800	2,359,149	106,500	46,532	-	-
DELAWARE, EASTERN PRIVATE	2,190,000	1,009,660	76,000	38,000	-	-
TOTAL MIDDLE ATLANTIC	17,183,800	9,594,714	226,600	113,897	-	-
CHESAPEAKE:						
MARYLAND:						
EASTERN PUBLIC. . . . .	2,910,400	1,311,380	7,979,500	3,581,600	-	-
EASTERN PRIVATE. . . . .	2,627,000	1,303,760	1,005,000	495,620	-	-
TOTAL. . . . .	5,537,400	2,615,140	8,984,500	4,077,220	-	-
VIRGINIA:						
EASTERN PUBLIC. . . . .	113,200	39,460	2,532,300	878,203	-	-
EASTERN PRIVATE. . . . .	10,098,000	3,549,239	2,006,500	704,429	33,300	11,500
TOTAL. . . . .	10,211,200	3,588,719	4,538,800	1,582,632	33,300	11,500
TOTAL CHESAPEAKE . . . . .	15,748,600	6,203,859	13,523,300	5,659,852	33,300	11,500
SOUTH ATLANTIC:						
NORTH CAROLINA:						
EASTERN PUBLIC. . . . .	1,192,000	500,584	107,300	43,413	-	-
EASTERN PRIVATE. . . . .	37,200	14,454	145,700	58,384	-	-
TOTAL. . . . .	1,229,200	515,038	253,000	101,797	-	-

(CONTINUED ON NEXT PAGE)

SUMMARY OF OYSTER CATCH, 1951 - Continued

STATE	DREDGES		TONGS		RAKES			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE		
SOUTH ATLANTIC - CONTINUED								
SOUTH CAROLINA, EASTERN PRIVATE . . . . .	-	-	900	\$225	-	-		
TOTAL . . . . .	-	-	900	225	-	-		
GEORGIA, EASTERN PRIVATE. .	-	-	12,000	3,000	-	-		
FLORIDA, EAST COAST, EASTERN PUBLIC . . . . .	-	-	3,600	1,944	-	-		
TOTAL SOUTH ATLANTIC . .	1,229,200	\$515,038	269,500	106,966	-	-		
GULF:								
FLORIDA, WEST COAST, EASTERN PUBLIC . . . . .	-	-	677,200	365,688	-	-		
ALABAMA, EASTERN PUBLIC . .	-	-	2,191,400	761,205	-	-		
MISSISSIPPI, EASTERN PUBLIC	4,400	1,672	23,200	8,843	-	-		
LOUISIANA:								
EASTERN PUBLIC . . . . .	3,286,800	812,218	-	-	-	-		
EASTERN PRIVATE . . . . .	3,339,800	701,066	1,528,100	387,059	-	-		
TOTAL . . . . .	6,626,600	1,513,284	1,528,100	387,059	-	-		
TEXAS, EASTERN PUBLIC . . .	319,800	98,274	130,300	39,497	-	-		
TOTAL GULF. . . . .	6,950,800	1,613,230	4,550,200	1,562,292	-	-		
PACIFIC COAST:								
WASHINGTON:								
PACIFIC . . . . .	1/7,775,800	1/1,618,779	(1)	(1)	-	-		
WESTERN . . . . .	1/85,400	1/122,050	(1)	(1)	-	-		
TOTAL . . . . .	1/7,861,200	1/1,740,829	(1)	(1)	-	-		
OREGON, PACIFIC . . . . .	1/805,100	1/206,914	(1)	(1)	-	-		
CALIFORNIA:								
EASTERN PRIVATE . . . . .	-	-	-	-	25,000	\$28,460		
PACIFIC . . . . .	-	-	-	-	16,100	14,477		
WESTERN . . . . .	-	-	-	-	2,200	2,804		
TOTAL . . . . .	-	-	-	-	43,300	45,741		
TOTAL PACIFIC COAST . .	8,666,300	1,947,743	-	-	43,300	45,741		
GRAND TOTAL . . . . .	51,526,700	20,766,179	18,744,100	7,533,389	115,500	85,262		
STATE	FORKS		GRABS		BY HAND		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
NEW ENGLAND:								
MASSACHUSETTS:								
EASTERN PUBLIC . . . . .	-	-	-	-	-	-	108,800	\$62,956
EASTERN PRIVATE . . . . .	8,100	\$5,625	-	-	-	-	139,300	97,296
TOTAL . . . . .	8,100	5,625	-	-	-	-	248,100	160,152
RHODE ISLAND, EASTERN PRIVATE. . . . .	-	-	-	-	-	-	868,700	490,949
CONNECTICUT:								
EASTERN PUBLIC . . . . .	-	-	-	-	-	-	50,200	19,327
EASTERN PRIVATE . . . . .	-	-	-	-	-	-	802,500	345,195
TOTAL . . . . .	-	-	-	-	-	-	852,700	364,522
TOTAL NEW ENGLAND . . .	8,100	5,625	-	-	-	-	1,969,500	1,015,623
MIDDLE ATLANTIC:								
NEW YORK:								
EASTERN PUBLIC . . . . .	-	-	-	-	-	-	44,100	29,365
EASTERN PRIVATE . . . . .	-	-	-	-	-	-	9,339,000	6,225,905
TOTAL . . . . .	-	-	-	-	-	-	9,383,100	6,255,270
NEW JERSEY:								
EASTERN PUBLIC . . . . .	-	-	-	-	-	-	66,300	26,594
EASTERN PRIVATE . . . . .	-	-	-	-	-	-	5,695,000	2,379,087
TOTAL . . . . .	-	-	-	-	-	-	5,761,300	2,405,681
DELAWARE, EASTERN PRIVATE .	-	-	-	-	-	-	2,266,000	1,047,660
TOTAL MIDDLE ATLANTIC	-	-	-	-	-	-	17,410,400	9,708,611

(CONTINUED ON NEXT PAGE)

## REVIEW OF CERTAIN MAJOR FISHERIES

## SUMMARY OF OYSTER CATCH, 1951 - Continued

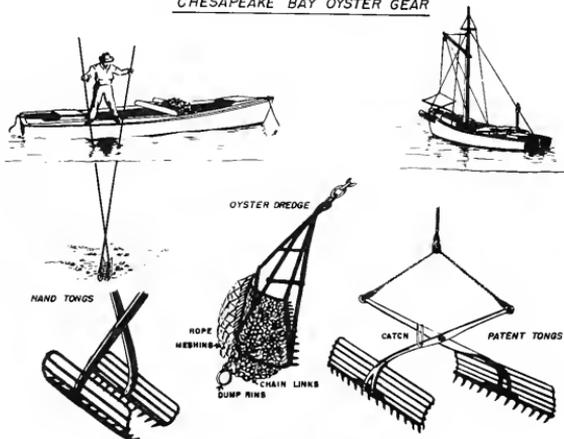
STATE	FORKS		GRABS		BY HAND		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CHESAPEAKE:								
MARYLAND:								
EASTERN PUBLIC . . . .	-	-	-	-	-	-	10,889,900	\$4,892,980
EASTERN PRIVATE . . . .	-	-	-	-	-	-	3,632,000	1,799,380
TOTAL . . . . .	-	-	-	-	-	-	14,521,900	6,692,360
VIRGINIA:								
EASTERN PUBLIC . . . .	-	-	-	-	3,800	\$1,270	2,649,300	918,953
EASTERN PRIVATE . . . .	-	-	-	-	289,200	92,390	12,427,000	4,357,558
TOTAL . . . . .	-	-	-	-	293,000	93,660	15,076,300	5,276,511
TOTAL CHESAPEAKE . . . .	-	-	-	-	293,000	93,660	29,598,200	11,968,871
SOUTH ATLANTIC:								
NORTH CAROLINA:								
EASTERN PUBLIC . . . .	-	-	-	-	46,700	14,357	1,346,000	558,354
EASTERN PRIVATE . . . .	-	-	-	-	3,000	930	185,900	73,768
TOTAL . . . . .	-	-	-	-	49,700	15,287	1,531,900	632,122
SOUTH CAROLINA:								
EASTERN PUBLIC . . . .	-	-	210,200	\$52,550	145,900	36,475	356,100	89,025
EASTERN PRIVATE . . . .	-	-	1,179,700	294,925	393,500	95,325	1,574,100	393,475
TOTAL . . . . .	-	-	1,389,900	347,475	539,400	134,800	1,930,200	482,500
GEORGIA, EASTERN PRIVATE . . . .	-	-	119,200	28,780	161,500	40,375	292,700	72,155
FLORIDA, EAST COAST, EASTERN PUBLIC . . . .	-	-	-	-	24,500	13,230	28,100	15,174
TOTAL SOUTH ATLANTIC . . . .	-	-	1,509,100	376,255	775,100	203,692	3,782,900	1,201,951
GULF:								
FLORIDA, WEST COAST, EASTERN PUBLIC . . . .	-	-	-	-	3,400	1,834	680,600	367,522
ALABAMA, EASTERN PUBLIC . . . .	-	-	-	-	-	-	2,191,400	761,205
MISSISSIPPI, EASTERN PUBLIC . . . . .	-	-	-	-	-	-	27,600	10,515
LOUISIANA:								
EASTERN PUBLIC . . . .	-	-	-	-	-	-	3,286,800	812,218
EASTERN PRIVATE . . . .	-	-	-	-	9,000	2,304	4,876,900	1,090,429
TOTAL . . . . .	-	-	-	-	9,000	2,304	8,163,700	1,902,647
TEXAS, EASTERN PUBLIC . . . .	-	-	-	-	5,600	1,568	455,700	139,339
TOTAL GULF . . . . .	-	-	-	-	18,000	5,706	11,519,000	3,181,228
PACIFIC COAST:								
WASHINGTON:								
PACIFIC . . . . .	-	-	-	-	(1)	(1)	7,775,800	1,618,779
WESTERN . . . . .	-	-	-	-	(1)	(1)	85,400	122,050
TOTAL . . . . .	-	-	-	-	(1)	(1)	7,861,200	1,740,829
OREGON, PACIFIC . . . .	-	-	-	-	-	-	805,100	206,914
CALIFORNIA:								
EASTERN PRIVATE . . . .	-	-	-	-	-	-	25,000	28,460
PACIFIC . . . . .	-	-	-	-	-	-	16,100	14,477
WESTERN . . . . .	-	-	-	-	-	-	2,200	2,804
TOTAL . . . . .	-	-	-	-	-	-	43,300	45,741
TOTAL PACIFIC COAST . . . .	-	-	-	-	-	-	8,709,600	1,993,484
GRAND TOTAL . . . . .	8,100	\$5,625	1,509,100	376,255	1,086,100	303,058	72,989,600	29,069,768

1/ THE CATCH OF OYSTERS IN THE STATES OF WASHINGTON AND OREGON BY TONGS AND BY HAND ARE INCLUDED IN THE CATCH BY DREDGES.

SUMMARY OF OYSTER CATCH BY SPECIES, 1951

SPECIES		POUNDS	VALUE
EASTERN PUBLIC	.....	22,180,900	\$8,703,427
EASTERN PRIVATE	.....	42,124,100	18,401,317
TOTAL	.....	64,305,000	27,104,744
PACIFIC	.....	8,597,000	1,840,170
WESTERN	.....	87,600	124,854
GRAND TOTAL	.....	72,989,600	29,069,768

CHESAPEAKE BAY OYSTER GEAR



UNITED STATES AND ALASKA SHRIMP FISHERY

Landings of shrimp in the United States and Alaska during 1951 reached a record high of 224,316,316 pounds, valued at \$51,862,769 to the fishermen. This represented increases of 17 percent in quantity and 19 percent in value compared with the landings of the previous year. Improvement of shrimp production facilities continued during the year. Many new vessels entered the fishery; gear became more efficient; there was greater mechanization in handling and processing shrimp, particularly in shore establishments; and more shrimp was marketed in institutional and consumer-sized packages.

The Gulf area accounted for 193,650,900 pounds or 86 percent of the total production, while the South Atlantic area with 27,771,200 pounds, accounted for 12 percent. All other areas made up the remaining 2 percent.

Otter trawls accounted for 99 percent of the total production. The remaining 1 percent was caught by beam trawls, cast nets, channel nets, bag nets and traps.

## REVIEW OF CERTAIN MAJOR FISHERIES

## SUMMARY OF SHRIMP CATCH, 1951

STATE	CAST NETS		BAG NETS		OTTER TRAWLS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
NEW ENGLAND:						
MAINE . . . . .	-	-	-	-	44,800	\$8,954
MASSACHUSETTS . . . . .	-	-	-	-	13,000	1,249
TOTAL . . . . .	-	-	-	-	57,800	10,203
SOUTH ATLANTIC:						
NORTH CAROLINA . . . . .	-	-	-	-	7,964,100	1,895,765
SOUTH CAROLINA . . . . .	-	-	-	-	3,730,500	1,043,359
GEORGIA . . . . .	-	-	-	-	7,608,000	2,133,350
FLORIDA, EAST COAST . . . . .	252,200	\$69,102	-	-	7,981,000	2,186,791
TOTAL . . . . .	252,200	69,102	-	-	27,283,600	7,259,265
GULF:						
FLORIDA, WEST COAST . . . . .	-	-	-	-	29,755,500	8,009,542
ALABAMA . . . . .	-	-	-	-	6,356,200	1,268,055
MISSISSIPPI . . . . .	-	-	-	-	7,474,700	1,470,373
LOUISIANA . . . . .	-	-	-	-	85,718,200	19,022,485
TEXAS . . . . .	-	-	-	-	64,346,300	14,365,696
TOTAL . . . . .	-	-	-	-	193,650,900	44,136,151
PACIFIC COAST, CALIFORNIA . . . . .	-	-	197,700	\$13,541	-	-
TOTAL . . . . .	-	-	197,700	13,541	-	-
GRAND TOTAL . . . . .	252,200	69,102	197,700	13,541	220,992,300	51,405,619

STATE	BEAM TRAWLS		CHANNEL NETS	
	POUNDS	VALUE	POUNDS	VALUE
MIDDLE ATLANTIC, NEW JERSEY . . . . .	86,500	\$47,575	-	-
TOTAL . . . . .	86,500	47,575	-	-
SOUTH ATLANTIC, NORTH CAROLINA . . . . .	-	-	235,400	\$54,142
TOTAL . . . . .	-	-	235,400	54,142
PACIFIC COAST:				
WASHINGTON . . . . .	22,400	8,745	-	-
CALIFORNIA . . . . .	733,600	50,255	-	-
TOTAL . . . . .	756,000	59,000	-	-
ALASKA . . . . .	1,707,816	179,301	-	-
TOTAL . . . . .	1,707,816	179,301	-	-
GRAND TOTAL . . . . .	2,550,316	285,876	235,400	54,142

STATE	TRAPS		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE
NEW ENGLAND:				
MAINE . . . . .	-	-	44,800	\$8,954
MASSACHUSETTS . . . . .	-	-	13,000	1,249
TOTAL . . . . .	-	-	57,800	10,203
MIDDLE ATLANTIC, NEW JERSEY . . . . .	-	-	86,500	47,575
SOUTH ATLANTIC:				
NORTH CAROLINA . . . . .	-	-	5,199,500	1,949,907
SOUTH CAROLINA . . . . .	-	-	3,730,500	1,043,359
GEORGIA . . . . .	-	-	7,608,000	2,133,350
FLORIDA, EAST COAST . . . . .	-	-	8,233,200	2,255,893
TOTAL . . . . .	-	-	27,771,200	7,382,509
GULF:				
FLORIDA, WEST COAST . . . . .	-	-	29,755,500	8,009,542
ALABAMA . . . . .	-	-	6,356,200	1,268,055
MISSISSIPPI . . . . .	-	-	7,474,700	1,470,373
LOUISIANA . . . . .	-	-	85,718,200	19,022,485
TEXAS . . . . .	-	-	64,346,300	14,365,696
TOTAL . . . . .	-	-	193,650,900	44,136,151
PACIFIC COAST:				
WASHINGTON . . . . .	85,700	\$33,411	108,100	42,156
CALIFORNIA . . . . .	2,700	1,078	934,000	64,874
TOTAL . . . . .	88,400	34,489	1,042,100	107,030
ALASKA . . . . .	-	-	1,707,816	179,301
GRAND TOTAL . . . . .	88,400	34,489	224,316,316	51,862,769

## SECTION 13 - HISTORICAL FISHERY STATISTICS

Statistics of the fisheries of the United States are necessary for the best use of the nation's aquatic resources. As series of data for extended periods of time are accumulated, the information becomes increasingly more valuable in indicating trends in the supply, and utilization of fishery products. The extent to which these data are used is frequently dependent upon the ready availability of needed information to researchers, management officials, and members of the fishing industry.

The Fish and Wildlife Service has in its files and in scattered publications a number of series of data which would be of use to persons interested in the fisheries. Unfortunately few know of the existence of the information. To make these series readily available a section will be added to this and future editions of 'Fishery Statistics of the United States' entitled 'Historical Fishery Statistics'. As series of data are assembled they will appear in this section.

A listing of the titles of series of data appearing in earlier editions will be published each year. This will enable persons interested in historical statistics to determine readily the series of data that have been published and the volume in which they appear. The first of these series appears below.

## MENHADEN FISHERY, 1873 - 1951

The menhaden is the most abundant fish occurring off the Atlantic and Gulf Coasts of the United States. The Indians are known to have used menhaden for fertilizer before the settlement of North America by the white man. Colonists soon recognized the value of the fish for this purpose and the use of whole fish for fertilizer was continued into the nineteenth century. The production of menhaden oil is reported to have been undertaken in Rhode Island in 1812 and in Maine about 1850. Rapid growth of an industry for producing both menhaden scrap and oil occurred between 1865 and 1875. In recent years menhaden have been landed in greater volume than any other fish taken by United States and Alaskan fishermen. The total catch since the establishment of the United States has exceeded 40 billion pounds, more than the production of any other species. Nearly the entire catch of menhaden is now used in the manufacture of meal used for animal feeding, and oil used in a wide variety of industrial products and processes.

Data on the catch of menhaden and on the production of menhaden products are available for most of the years following 1872. Since menhaden are landed at relatively few plants, the collection of data on the catch and production of menhaden products is relatively simple. It is therefore believed that the following data have a high degree of accuracy.

## SUMMARY OF THE MENHADEN FISHERY, 1873 - 1951

YEAR	PLANTS	FISH RECEIVED	PRODUCTS						
			DRY SCRAP AND MEAL		ACIDULATED SCRAP		OIL		TOTAL
			TONS	VALUE	TONS	VALUE	GALLONS	VALUE	
	NUMBER	IN THOUSANDS OF POUNDS							
1873	62	266,459	-	-	36,299	(1)	2,214,800	(1)	(1)
1874	64	330,228	-	-	50,976	(1)	3,372,847	(1)	(1)
1875	60	377,429	-	-	53,625	(1)	2,681,482	(1)	(1)
1876	64	343,342	-	-	51,245	(1)	2,992,000	(1)	(1)
1877	56	393,720	5,700	(1)	49,744	(1)	2,426,589	(1)	(1)
1878	56	514,412	19,377	(1)	64,342	(1)	3,809,233	(1)	(1)
1879	60	426,833	29,563	(1)	37,496	(1)	2,258,901	(1)	(1)
1880	79	520,506	25,800	(1)	19,020	(1)	2,034,940	(1)	(1)
1881	97	304,309	25,027	(1)	7,592	(1)	1,266,549	(1)	(1)
1882	97	232,248	17,552	(1)	10,029	(1)	2,021,316	(1)	(1)
1883	78	411,019	34,216	(1)	10,920	(1)	2,166,320	(1)	(1)
1884	52	575,257	58,433	(1)	10,430	(1)	3,722,927	(1)	(1)
1885	50	321,074	33,910	(1)	7,225	(1)	2,346,319	(1)	(1)
1886	26	189,681	14,597	(1)	4,298	(1)	1,805,544	(1)	(1)
1887	28	223,488	17,262	(1)	5,368	(1)	2,273,566	(1)	(1)

(CONTINUED ON NEXT PAGE)

## HISTORICAL FISHERY STATISTICS

## SUMMARY OF THE MENHADEN FISHERY, 1873 - 1951 - Continued

YEAR	PLANTS	FISH RECEIVED	PRODUCTS						TOTAL		
			NUMBER	IN THOUSANDS OF POUNDS	DRY SCRAP AND MEAL		ACIDULATED SCRAP			OIL	
					TONS	VALUE	TONS	VALUE		GALLONS	VALUE
1898	24	294,391	15,638	(1)	12,406	(1)	2,051,128	(1)	(1)		
1899	29	372,064	24,359	(1)	25,859	(1)	3,327,030	(1)	(1)		
1890	28	357,570	20,339	(1)	21,173	(1)	2,938,217	(1)	(1)		
1891	27	243,943	12,608	(1)	15,069	(1)	1,946,642	(1)	(1)		
1892	29	149,828	8,400	(1)	10,815	(1)	1,329,644	(1)	(1)		
1893	33	245,492	13,150	(1)	15,465	(1)	1,269,002	(1)	(1)		
1894	44	357,352	20,057	(1)	27,582	(1)	1,999,506	(1)	(1)		
1895	42	309,370	18,682	(1)	21,965	(1)	1,767,754	(1)	(1)		
1896	35	268,955	14,280	(1)	21,484	(1)	1,741,530	(1)	(1)		
1897	41	391,483	18,430	(1)	34,372	(1)	2,147,113	(1)	(1)		
1898	40	363,475	17,360	(1)	34,120	(1)	2,450,000	(1)	(1)		
1901 2/	36	609,744	36,977	\$909,505	48,853	\$630,305	3,812,335	933,679	\$2,473,469		
1906	(1)	(1)	(1)	(1)	(1)	(1)	3,004,050	(1)	(1)		
1907	(1)	(1)	(1)	(1)	(1)	(1)	1,243,800	(1)	(1)		
1908	(1)	(1)	(1)	(1)	(1)	(1)	3,095,850	(1)	(1)		
1909	(1)	(1)	(1)	(1)	(1)	(1)	3,015,600	(1)	(1)		
1910	(1)	(1)	(1)	(1)	(1)	(1)	3,778,600	(1)	(1)		
1911	(1)	(1)	(1)	(1)	(1)	(1)	3,974,250	(1)	(1)		
1912	48	3711,435	50,885	1,532,994	37,635	605,171	6,661,203	1,551,990	3,690,155		
1913	(1)	(1)	(1)	(1)	(1)	(1)	4,768,050	(1)	(1)		
1914	(1)	(1)	(1)	(1)	(1)	(1)	3,563,650	(1)	(1)		
1915	(1)	(1)	(1)	(1)	(1)	(1)	2,727,750	(1)	(1)		
1916	(1)	(1)	(1)	(1)	(1)	(1)	4,011,500	(1)	(1)		
1917	(1)	306,146	20,825	(1)	16,316	(1)	3,619,700	(1)	(1)		
1918	(1)	359,292	16,017	(1)	33,187	(1)	3,943,100	(1)	(1)		
1919	(1)	438,520	15,103	(1)	47,915	(1)	5,415,600	(1)	(1)		
1920	(1)	(1)	(1)	(1)	(1)	(1)	5,842,300	(1)	(1)		
1921	40	691,132	37,858	1,380,455	44,804	905,640	6,260,478	1,719,892	4,005,987		
1922	45	812,342	67,821	2,665,441	25,755	556,317	7,102,677	2,904,833	6,126,591		
1923	50	743,895	43,452	2,029,406	44,935	1,064,870	7,461,365	3,316,277	6,410,553		
1924	45	344,284	21,008	996,866	24,409	495,684	3,923,905	1,817,626	3,310,176		
1925	43	532,118	30,167	1,519,458	41,463	1,102,051	6,023,108	3,001,106	5,622,615		
1926	41	382,781	24,226	1,164,396	23,553	548,204	3,942,821	1,729,160	3,441,760		
1927	39	392,763	26,417	1,406,915	19,984	566,590	3,957,068	1,716,474	3,689,979		
1928	34	362,213	24,681	1,453,651	20,028	531,238	3,585,569	1,455,376	3,440,265		
1929	37	442,443	33,041	1,625,694	23,089	622,544	3,172,735	1,381,616	3,630,054		
1930	33	409,513	32,418	1,529,471	15,725	395,295	3,191,265	648,954	2,673,720		
1931	27	236,432	21,093	1,011,541	8,771	136,393	1,981,790	302,308	1,140,242		
1932	24	375,479	36,544	833,689	6,841	72,892	2,997,098	273,486	1,180,067		
1933	30	357,726	31,453	962,612	9,481	173,280	3,344,343	450,970	1,586,862		
1934	27	517,403	37,935	1,247,697	22,051	381,559	3,612,364	705,657	2,334,913		
1935	27	434,386	30,416	932,685	29,890	524,870	4,066,159	1,178,337	2,635,892		
1936	29	516,104	42,411	1,411,710	23,482	359,615	4,880,879	1,249,708	3,021,033		
1937	32	529,202	35,801	1,581,219	31,600	618,104	3,895,613	1,456,333	3,655,656		
1938	32	517,530	39,274	1,576,620	21,814	418,936	4,189,129	1,173,667	3,169,223		
1939	33	574,825	52,950	2,224,920	15,853	265,850	6,005,414	1,624,024	4,114,794		
1940	30	634,589	56,249	2,423,229	15,520	271,533	5,774,671	1,304,720	3,999,482		
1941	29	775,087	75,316	4,008,355	11,029	242,792	6,034,050	2,829,441	7,080,588		
1942	30	482,644	50,504	3,362,279	2,594	80,520	5,128,760	3,200,129	6,642,928		
1943	25	615,554	65,357	4,548,025	1,555	58,857	5,734,668	3,871,539	8,478,421		
1944	27	685,980	69,170	4,913,224	2,922	111,104	6,067,111	3,725,498	8,749,626		
1945	24	759,074	77,451	5,483,377	1,577	62,200	8,335,094	5,656,550	11,202,127		
1946	28	916,013	94,622	8,605,118	2,022	78,475	9,758,648	9,033,032	17,716,625		
1947	31	948,156	98,602	10,883,852	632	26,863	8,473,371	11,425,497	22,336,212		
1948	31	1,007,889	104,058	11,560,914	(4)	(4)	8,763,939	10,132,179	21,693,093		
1949	31	1,072,630	113,393	17,813,339	(4)	(4)	8,293,911	3,407,510	21,220,849		
1950	35	1,000,498	103,365	12,864,751	(4)	(4)	10,209,958	5,866,554	18,731,305		
1951	35	1,103,915	115,464	13,879,523	(4)	(4)	12,537,115	9,771,154	23,650,677		

1/ DATA NOT AVAILABLE.

2/ DATA FOR CONNECTICUT ARE FOR 1900, WHILE THOSE FOR RHODE ISLAND, NEW YORK, DELAWARE, AND NORTH CAROLINA ARE FOR 1902.

3/ IN ADDITION 5,096,000 MISCELLANEOUS FISH WERE UTILIZED; THIS INCLUDES 180,000 IN CONNECTICUT AND NEW YORK, 4,900,000 IN MARYLAND AND VIRGINIA, 16,000 IN NORTH CAROLINA AND FLORIDA.

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

SOURCE—DATA FOR 1873 TO 1898, AND 1901 ARE FROM "AQUATIC PRODUCTS IN ARTS AND INDUSTRIES," BY CHARLES H. STEVENSON, REPORT OF THE COMMISSIONER OF FISHERIES, 1902; FOR 1906 TO 1911, 1913, 1914, AND 1920 FROM INFORMATION ON FILE IN THE STATISTICAL SECTION OF THE BRANCH OF COMMERCIAL FISHERIES WHICH WAS SUPPLIED BY AN IMPORTANT MENHADEN PRODUCTS BROKER; FOR 1912, FROM "THE MENHADEN INDUSTRY OF THE ATLANTIC COAST," BY ROBERT LEON GREER, BUREAU OF FISHERIES DOCUMENT NO. 811; FOR 1915 TO 1919, FROM "CHEMICAL TECHNOLOGY AND ANALYSIS OF OILS, FATS AND WAXES," BY DR. J. LEKOWITZSCH, M.A. F.I.C., SIXTH EDITION, VOL. 11; FOR 1921 TO 1938, "FISHERY INDUSTRIES OF THE UNITED STATES;" FOR 1939 TO 1951, "FISHERY STATISTICS OF THE UNITED STATES."

FOR THE YEARS FOLLOWING 1920, INFORMATION COLLECTED IN THE SERVICE'S ANNUAL BYPRODUCTS SURVEY HAS BEEN USED RATHER THAN THE SLIGHTLY MORE COMPLETE INFORMATION ASSEMBLED IN THE GENERAL CANNVAS SURVEYS OF THE ATLANTIC AND GULF STATES SINCE RELATIVELY FEW COMPLETE GENERAL CANNVAS SURVEYS WERE MADE FOR ALL AREAS DURING THIS PERIOD.

# SECTION 14 - 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 cooperation of the Commissioner of Fisheries and the Superintendent of the Tenth Census. Data for specific fisheries, or restricted sections for years prior to 1880, also were collected in the early survey and recorded in Mr. Goode's reports. The survey for 1880, however did not include the Mississippi River and its tributaries. Periodic general surveys of a limited number of States or limited areas of the United States were made for 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 1949, inclusive. A complete survey of all sections of the country was made for 1950. In 1951, all of the coastal area was canvassed, and catch records were obtained for the Lakes section. Data on the wholesale and manufacturing industries were collected in all of the surveys from 1933 to 1940, inclusive. With the exception of 1950, lack of personnel and funds in the years since 1940 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.

# STATISTICAL SURVEY PROCEDURE

## SURVEYS OF THE FISHERIES OF THE UNITED STATES

REGION	'91	'92	'93	'94	'95	'96	'97	'98	'99	1900	'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	'05	'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16	'17	'18	'19	20	'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	'29	'30	'31	'32	'33	'34	'35	'36	'37	'38	'39	40	'41	'42	'43	'44	'45	'46	'47	'48	'49	'50	'51	
NEW ENGLAND STATES																								
MIDDLE ATLANTIC STATES																								
CHESAPEAKE BAY STATES																								
SOUTH ATLANTIC STATES																								
GULF STATES																								
LAKE STATES																								
MISSISSIPPI RIVER STATES																								
PACIFIC COAST STATES																								

 COMPLETE SURVEY

 PARTIAL SURVEY

 NO SURVEY

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 appeared in Statistical Digest No. 21. A list of the statistical bulletins in the Current Fishery Statistics series published during 1951 may be found in Section 16 of the current digest.

*Field Personnel.*--The statistics contained in this volume have been collected by a group of trained marketing specialists which comprise 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 normally 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 available. 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 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 Okechobee. 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.

## STATISTICAL SURVEY PROCEDURE

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 a number of states have developed relatively complete statistical systems which greatly facilitate the Service's surveys in these states. In these states the Service only conducts such surveys as may be necessary to make the data comparable with that of other States.

The Service obtains most of the catch statistics and usually the value of the catch direct from the records of the State fishery agencies for the fisheries of the Great Lakes, the Upper Mississippi River, and the International lakes of Northern Minnesota. 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 state and 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 several States, the Service and the respective State fishery agency are cooperating in the collection and publication of current monthly data on the catch. These data form the basis of the annual data published in this report for the following States: Maine, Florida, Alabama and Texas. State agencies in Connecticut, New York and Maryland also cooperate with the Service in this work but the statistics are only tabulated annually.

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 fishermen not on vessels 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. On the Pacific Coast and in Alaska it is impossible to separate regular from casual fishermen.

Since 1942, the catch of fish and shellfish has been credited to the port at which it was landed. Prior to the survey for that year it was the practice of the Service to credit the entire catch of a vessel to the principal port at which fish or shellfish were unloaded, regardless of the actual point of landing. This policy was discontinued since it quite often resulted in inconsistencies by crediting catches of certain fish to areas to which they are not common inasmuch as fishing vessels occasionally 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 conducted 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, consisting principally of fish common to these waters, was credited to Massachusetts. Under the present system, this catch is credited to the southern ports where it is landed.

Since 1949 on the Pacific Coast and 1951 for the balance of the country, craft, fishermen, and gear have been reported for each State in which they fished. A total exclusive of duplication is shown for each section, and for the United States as a whole. Prior to the surveys for 1949, each craft on the Pacific Coast was credited to its home port unless it did not fish from that port during the year. In that case, it was credited to the locality where it landed the greatest portion of its catch. Prior to the survey for 1951, each craft on the Atlantic and Gulf Coasts and interior waters was credited to the port where it landed the greatest portion of its catch during the year. This system was changed to provide more accurate data on the total number of craft operating in a given State. With the increased mobility of the fishing fleet in recent years, the number of vessels fishing in more than one state has increased greatly.

Beginning with data for 1951, the reporting of units of gear was standardized so that nets or lines made up of small units for ease in handling, but fastened together in fishing, were counted as a single unit rather than as a number of smaller units. Prior to 1951, the small units were sometimes counted as individual pieces of gear even though they were combined for fishing. This rule does not apply to halibut set or long lines on the Pacific Coast. In this fishery each skate of gear is counted as one line, even though they are fastened together in fishing, because the International Fisheries Commission uses a skate of gear as a unit in their studies of fishing intensity.

*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'.

Data on the operating units (fishermen, fishing craft, and gear) and catch by counties for the Atlantic and Gulf States have been included in these annual statistical reports for the years from 1928 to 1938, except for 1932. These data have also been published in the reports for the years 1945 and 1950. County data were collected for the areas in which surveys were conducted during the years since 1938, except in Maryland since 1942, and the data are on file in the Washington office of the Branch of Commercial Fisheries.

## STATISTICAL SURVEY PROCEDURE

## 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 appeared in prior reports of this series, were 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. Inasmuch as this information can be obtained from the Market News Service Annual Summaries, it is no longer published in the Statistical Digest.

*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.

*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.

# STATISTICAL SURVEY PROCEDURE

*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.

# STATISTICAL SURVEY PROCEDURE

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## 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
		CUBIC INCHES		PERCENT	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	-	6.30	6.00
DELAWARE. . . . .	2,257.3	+ 106.9	+ 5.0	-	6.30	6.00
MARYLAND. . . . .	2,800.7	+ 650.3	+ 30.3	-	6.66	5.11
VIRGINIA. . . . .	3,003.9	+ 853.5	+ 39.7	-	6.43	4.60
NORTH CAROLINA. . . . .	2,801.9	+ 651.5	+ 30.3	-	7.87	6.04
SOUTH CAROLINA. . . . .	4,071.5	+ 1,921.1	+ 89.3	-	5.87	3.10
GEORGIA . . . . .	5,343.9	+ 3,193.5	+ 148.5	-	11.85	4.77
FLORIDA, EAST COAST . . . . .	3,214.1	+ 1,063.7	+ 49.4	-	6.05	4.08
FLORIDA, WEST COAST . . . . .	3,214.1	+ 1,063.7	+ 49.4	-	6.10	4.08
ALABAMA . . . . .	2,826.2	+ 675.8	+ 31.4	-	6.27	4.77
MISSISSIPPI . . . . .	2,826.2	+ 675.8	+ 31.4	-	5.26	4.00
LOUISIANA . . . . .	2,148.4	- 2.0	- 0.1	-	3.96	3.96
TEXAS . . . . .	2,700.0	+ 549.6	+ 25.6	-	4.40	3.50

## 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	
NEW HAMPSHIRE . . . . .	-	-	15.00	-	-	-	-	-	-	
MASSACHUSETTS . . . . .	11.00	11.00	13.00	13.62	32.00	12.00	18.00	6.00 6.00	15.00	
RHODE ISLAND. . . . .	12.00	-	20.00	12.00	-	10.00	-	6.20	20.00	
CONNECTICUT . . . . .	12.00	12.00	20.00	-	-	-	-	5.00 6.00	15.00	
NEW YORK. . . . .	12.00	12.00	16.00	12.00	-	10.00	-	-	14.00	
NEW JERSEY. . . . .	9.00	9.00	20.00	14.00	-	-	-	6.00	-	
DELAWARE. . . . .	9.00	-	-	-	-	-	-	-	-	
MARYLAND. . . . .	7.00	7.00	17.55	-	-	-	-	-	20.00	
VIRGINIA. . . . .	7.00	7.00	-	-	-	-	-	6.00	20.00	
NORTH CAROLINA. . . . .	7.88	-	-	-	-	-	-	8.00	-	
SOUTH CAROLINA. . . . .	8.00	-	-	-	-	-	-	-	-	
FLORIDA, EAST COAST . . . . .	8.00	-	-	-	-	-	-	5.20	-	
FLORIDA, WEST COAST . . . . .	8.00	-	-	-	-	-	-	5.20	14.00	

## AVERAGE NUMBER OF CRABS PER POUND

STATE	BLUE		ROCK	STONE
	HARD	SOFT AND PEELERS		
MAINE . . . . .	-	-	3.00	-
NEW HAMPSHIRE . . . . .	-	-	3.00	-
MASSACHUSETTS . . . . .	-	-	3.00	-
RHODE ISLAND. . . . .	-	-	3.00	-
CONNECTICUT . . . . .	4.00	3.00	-	-
NEW YORK. . . . .	4.00	-	-	-
NEW JERSEY. . . . .	3.00	4.00	-	-
DELAWARE. . . . .	3.00	4.00	-	-
MARYLAND. . . . .	2.68	3.96	-	-
VIRGINIA. . . . .	2.95	3.98	-	-
NORTH CAROLINA. . . . .	2.00	3.00	-	-
SOUTH CAROLINA. . . . .	2.44	4.00	-	-
GEORGIA . . . . .	2.05	-	-	-
FLORIDA, EAST COAST . . . . .	2.00	-	-	1.00
FLORIDA, WEST COAST . . . . .	2.02	4.00	-	1.00
ALABAMA . . . . .	2.15	3.00	-	-
MISSISSIPPI . . . . .	2.17	2.73	-	-
LOUISIANA . . . . .	1.99	2.94	-	-
TEXAS . . . . .	1.81	-	-	-

## SECTION 15 - GLOSSARY

In order to prevent misunderstanding in the use of common names employed in the tables and discussions, the following list of common and scientific names is given.

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>
.....	.....	<i>Pomacanthus species</i>
.....	.....	<i>Holacanthus species</i>
Anglerfish .....	Goosefish, allmouth, headfish, monkfish, bellyfish .....	<i>Lophius piscatorius</i>
Barracuda .....	.....	<i>Sphyræna species</i>
Black bass .....	Smallmouth bass .....	<i>Micropterus dolomieu</i>
Bluefish .....	Largemouth bass .....	<i>Micropterus salmoides</i>
Blue pike .....	Tailor, skipjack .....	<i>Pomatomus saltatrix</i>
Blue runner or hardtail ...	Pike perch, hard pike, blue pickerel (Canada) .....	<i>Stizostedion vitreum glaucum</i>
Bonito .....	Runner .....	<i>Caranx crysos</i>
.....	See tuna and tunalike fishes	
Bowfin .....	Fresh-water dogfish, tchoupique, grindle .....	<i>Amia calva</i>
Buffalofish .....	Winter carp .....	<i>Ictiobus species</i>
Burbot .....	Lawyer, ling .....	<i>Lota maculosa</i>
Butterfish .....	.....	<i>Poronotus triacanthus</i>
Cabazonc .....	Marbled sculpin .....	<i>Scorpaenichthys marmoratus</i>
Cabio .....	Crab eater, coalfish, lemonfish, black bonito .....	<i>Rachycentron canadus</i>
Cabrilla .....	Rock bass .....	<i>Ephinephelus analogus</i>
Carp .....	German carp, summer carp .....	<i>Cyprinus carpio</i>
.....	.....	<i>Ameiurus species</i>
Catfish and bullheads .....	.....	<i>Ictalurus species</i>
.....	.....	<i>Pylodictis olivaris</i>
Chub .....	Longjaw, bluefin, blackfin (United States), tullibee (Canada) .....	All <i>Leucichthys</i> except <i>artedi</i> (in Great Lakes)
Cigarfish .....	Scad .....	<i>Decapterus punctatus</i>
Cisco .....	Herring (Canada) .....	<i>Leucichthys artedi</i> (Lake Erie only)
Cod .....	Codfish .....	<i>Gadus morhua</i> (Atlantic)
.....	California whiting, corvina, surffish .....	<i>Gadus macrocephalus</i> (Pacific)
Corbina .....	White crappie, calico bass .....	<i>Menticirrhus undulatus</i>
Crappie .....	Black crappie .....	<i>Pomoxis annularis</i>
Crevalle .....	Jack, jackfish .....	<i>Pomoxis sparoides</i>
Croaker .....	Crocus, hardhead .....	<i>Caranx hippo</i>
Quinner .....	Chogset, blue perch, bergall.....	<i>Micropogon undulatus</i>
Ousk .....	.....	<i>Tautoglabrus adspersus</i>
Dolly varden trout .....	Salmon trout, bull trout .....	<i>Brosme brosme</i>
Dolphin .....	.....	<i>Salvelinus malma</i>
Drum:	.....	<i>Coryphaena hippurus</i>
Black .....	Oyster cracker, oyster drum, sea drum	<i>Pogonias cromis</i>
Red .....	Channel bass, redfish, spotted bass.	<i>Sciaenops ocellata</i>
Eel:	.....	
Common .....	.....	<i>Anguilla bostoniensis</i>
Conger .....	.....	<i>Leptocephalus conger</i>
Flounder:	.....	
Gray sole .....	.....	<i>Glyptocephalus cynoglossus</i>
Lemon sole .....	.....	<i>Pseudopleuronectes dignabilis</i>

(Continued on next page)

Common names as shown in Service reports	Other common names	Scientific names
FISH - Continued		
Flounder: - Continued		
Yellowtail .....	Dab .....	<i>Limanda ferruginea</i>
Dab .....	Sea dab .....	<i>Hippoglossoides platessoides</i>
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>Auxis 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>
.....	'Sea bass' .....	<i>Epinephelus</i> species
Grouper .....	Margate fish, sailors' choice .....	<i>Myceteroperca</i> species
Grunt .....	.....	<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)
Halibut .....	.....	<i>Hippoglossus hippoglossus</i> (Atlantic)
Hardhead .....	Sacramento rockfish .....	<i>Hippoglossus stenolepis</i> (Pacific)
Harvestfish .....	Starfish, dollarfish, pappypish, butterfish (N.C.) .....	<i>Orthodon microlepidotus</i> (Pacific)
Herring:		
Lake .....	Herring .....	<i>Leucichthys artedii</i> (Great Lakes, except Erie)
Round .....	.....	<i>Etrumeus sadina</i>
Sea .....	.....	<i>Clupea harengus</i> (Atlantic)
Thread .....	.....	<i>Clupea pallasii</i> (Pacific)
Herring smelt .....	.....	<i>Opisthonema oglinum</i>
Hickory shad .....	Tailor shad, skip, autumnal herring	Argentina silus
Hogchoker .....	.....	<i>Pomolobus mediocris</i>
Hogfish .....	Capitaine, perro perro .....	<i>Trinectes maculatus</i>
Horse mackerel .....	Pacific (see jack mackerel)	<i>Lachnolaimus maximus</i>
Jack mackerel .....	Atlantic (see tuna, bluefin)	.....
Jewish .....	Horse mackerel .....	<i>Trachurus symmetricus</i>
John dory .....	.....	<i>Promicrops itajara</i>
Kingfish .....	Little roncador, croaker, tom cod ..	<i>Zenopsis ocellata</i>
.....	Cero, kingfish .....	<i>Genyonemus lineatus</i>
King mackerel .....	Whiting, sea mink, ground mullet ..	<i>Scomberomorus cavalla</i>
King whiting or 'kingfish' .....	.....	<i>Scomberomorus regalis</i>
Lake trout .....	.....	<i>Menticirrhus</i> species
Lamprey .....	.....	<i>Salvelinus namaycush</i>
.....	.....	<i>Petromyzon marinus</i> (Atlantic)
.....	.....	<i>Entosphenus tridentatus</i> (Pacific)

## GLOSSARY

Common names as shown in Service reports	Other common names	Scientific names
FISH - Continued		
Launce .....	Sand eel, lant, sand launce .....	<i>Ammodytes tobianus</i>
Lingcod .....	Cultus cod, blue cod, buffalo cod, ling .....	<i>Ophiodon elongatus</i>
Mackerel .....	.....	<i>Scomber scombrus</i> (Atlantic) <i>Pneumatophorus diego</i> (Pacific)
Marlin .....	.....	<i>Makaira</i> species
Menhaden .....	Mossbunker, pogy, fatback .....	<i>Brevoortia</i> species
Minnow .....	.....	Cyprinidae family
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>Lutjanus analis</i>
Ocean perch:	.....	.....
Atlantic .....	Rosefish, redfish, red perch .....	<i>Sebastes marinus</i>
Pacific .....	.....	<i>Sebastes alutus</i>
Ocean pout .....	Eelpout, sea pout .....	<i>Macrzoarces anguillar</i>
Paddfish .....	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 pickerel .....	Great lakes pike .....	<i>Esox reticulatus</i> <i>Esox lucius</i>
Pilchard .....	.....	<i>Sardinops caerulea</i>
Pinfish .....	Bream, salt-water bream .....	<i>Lagodon rhomboides</i>
Pollock .....	Boston bluefish .....	<i>Pollachius virens</i> <i>Trachinotus</i> species (Atlantic)
Pompano .....	Great pompano .....	<i>Palometa simillima</i> (Pacific)
Porgy .....	See scup or porgy	.....
Porkfish .....	.....	<i>Anisotremus virginicus</i>
Quillback .....	Spearfish or skimfish .....	<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)
Rockfish .....	Groupers, sand bass .....	<i>Paralabrax nebulifer</i> (Pacific)
Rudderfish .....	Rock cod, snapper .....	<i>Sebastes</i> species (Pacific)
Sablefish .....	Blue bass, greenfish .....	<i>Girella nigricans</i>
Sablefish .....	Halfmoon .....	<i>Medialuna californiensis</i>
Salmon:	Black cod .....	<i>Anoplopoma fimbria</i>
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>Rairdiella chrysur</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

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# GLOSSARY

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Common names as shown in Service reports	Other common names	Scientific names
<b>FISH - Continued</b>		
Sea bass:		
Black .....	Black jewfish (Pacific) .....	<i>Stereolepis gigas</i>
White .....	Blackfish (Atlantic) .....	<i>Centropristes striatus</i>
Sea catfish .....	Gafftopsail .....	<i>Cynoscion nobilis</i> (Pacific)
Sea robin .....	.....	<i>Bagre marina</i>
Sea trout or weakfish:		<i>Prionotus</i> species
Gray .....	Gray trout, squeteague .....	<i>Cynoscion regalis</i>
Spotted .....	Spotted trout, speckled trout .....	<i>Cynoscion nebulosus</i>
White .....	White trout, sand trout .....	<i>Cynoscion arenarius</i>
Shad .....	American shad, white shad .....	<i>Alosa sapidissima</i>
Sharks .....	.....	<i>Carcharodon</i> species, <i>Mustelus</i> species, <i>Carcharhinus</i> species, <i>Sphyrna</i> species, <i>Lamna</i> species, and others
Sheepshead:		
Fresh-water .....	Fresh-water drum, whitefish, gaspergou, gou .....	<i>Aplodinotus grunniens</i>
Salt-water .....	Redfish, fathead .....	<i>Archosargus</i> species (Atlantic)
Silver perch .....	See sand perch	<i>Pimelometopon pulchrum</i> (Pacific)
✓ Silverside .....	Spearing .....	<i>Menidia</i> species
✓ Skate .....	Ray, rajafish .....	<i>Raja</i> species
Skipper .....	Billfish .....	<i>Scomberosox saurus</i>
Smelt .....	.....	<i>Osmerus mordax</i> (Atlantic and Great Lakes)
Snapper:		<i>Atherinidae</i> and <i>Osmeridae</i> species (Pacific)
Lane .....	Schoolmaster .....	<i>Thalictchthys pacificus</i>
Mangrove .....	Gray snapper .....	<i>Lutianus synagris</i>
Red .....	.....	<i>Lutianus griseus</i>
Yellowtail .....	.....	<i>Lutianus blackfordii</i>
Snook .....	Robalo, sergeantfish, pike .....	<i>Ocyurus chrysurus</i>
Spadefish .....	Porgy (N. C.), angelfish .....	<i>Centropomus undecimalis</i>
Spanish mackerel .....	Mackerel .....	<i>Chaetodipterus faber</i>
Splittail .....	.....	<i>Scomberomus maculatus</i>
Spot .....	Lafayette, goody .....	<i>Pogonichthys macrolepidotus</i>
Squawfish .....	Sacramento pike .....	<i>Levistomus xanthurus</i>
Squirrel hake .....	See hake, red	<i>Ptychocheilus grandis</i>
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 .....	<i>Catostomidae</i> species
Sunfish .....	Bream, perch, bluegill .....	<i>Centrarchidae</i> species
Surffish .....	See perch	
Swellfish .....	Puffer, swell toad, globefish, blowfish .....	<i>Sphoeroides maculatus</i>
Swordfish .....	.....	<i>Xipias gladius</i>

(Continued on next page)

## GLOSSARY

Common names as shown in Service reports	Other common names	Scientific names
FISH - Continued		
Tautog .....	Blackfish, oysterfish .....	<i>Tautoga onitis</i>
Tenpounder .....	Big-eyed herring, ladyfish .....	<i>Elops saurus</i>
Thimble-eyed mackerel .....	Chub mackerel, bullseye, mackerel .	<i>Pneumatophorus colias</i>
Tilefish .....	.....	<i>Lopholatilus chamaeleonticeps</i>
Tomcod .....	Frost fish .....	<i>Microgadus tomcod</i> (Atlantic)
Triggerfish .....	.....	<i>Microgadus proximus</i> (Pacific)
Tripletail .....	Sunfish (N. C.), blackfish .....	<i>Ralistes caprisicus</i>
Tullibee .....	See chub	<i>Labotes surinamensis</i>
Tuna and tunalike fishes:		
Albacore .....	Longfin tuna .....	<i>Germo alalunga</i>
.....	.....	<i>Thunnus saliens</i>
Bluefin .....	Horse mackerel .....	<i>Thunnus thynnus</i>
.....	.....	<i>Thunnus secundodorsalis</i>
Bonito .....	.....	<i>Sarda sarda</i> (Atlantic)
Little .....	Bonito, albacore, false albacore ..	<i>Sarda chilensis</i> (Pacific)
Skipjack .....	Striped tuna .....	<i>Euthynnus alletteratus</i>
Yellowfin .....	.....	<i>Katsuwonus pelamis</i>
.....	.....	<i>Neothunnus macropterus</i>
.....	Greenland halibut .....	<i>Reinhardius hippoglossoides</i>
.....	.....	(off New England)
Turbot .....	American turbot, triggerfish .....	<i>Balistes carolinensis</i>
.....	.....	(off Florida)
Wahoo .....	.....	<i>Acanthocybium solandri</i>
Warsaw .....	Black jewfish .....	<i>Garruba nigrita</i>
White bass .....	White lake bass .....	<i>Roccus chrysoptis</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>
Wolfish .....	Catfish (New England) .....	<i>Anarhichas lupus</i>
Yellow perch .....	Ringed perch, perch .....	<i>Perca flavescens</i>
.....	.....	
Yellow pike .....	Wall-eyed pike, pike perch, dore	<i>Stizostedion vitreum vitreum</i>
.....	(Canadian) .....	
.....	(For Atlantic, see snapper,	
Yellowtail .....	yellowtail)	<i>Seriola dorsalis</i> (Pacific)
Yellowtail flounder .....	See flounder, yellowtail	
CRUSTACEANS		
Crab:		
Blue:		
Hard .....	Hard-shell crab .....	<i>Callinectes sapidus</i>
Soft and peelers .....	Soft-shell crab .....	<i>Callinectes sapidus</i>
Dungeness .....	.....	<i>Cancer magister</i>
King .....	Alaska king crab .....	<i>Paralithodes camtschatica</i>
.....	.....	<i>Cancer irroratus</i> (New England)
Rock .....	.....	<i>Cancer species</i> (California)
Stone .....	.....	<i>Mesippus mercenaria</i>

(Continued on next page)

Common names as shown in Service reports	Other common names	Scientific names
<b>CRUSTACEANS - Continued</b>		
<b>Crawfish:</b>		
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
<b>Lobster:</b>		
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 Atlantic)
.....	.....	<i>Penaeus duorarum</i> (Atlantic)
.....	.....	<i>Penaeus aztecus</i> and
.....	.....	<i>Kyphopeneus kroyeri</i> (Gulf)
.....	.....	<i>Pandalus</i> species (Atlantic and Pacific)
.....	.....	<i>Pandalopsis</i> species (Pacific)
.....	.....	<i>Crago</i> species (Pacific)
.....	.....	.....
.....	.....	.....
.....	.....	<i>Haliotis</i> species
.....	.....	.....
.....	.....	<i>Cardium coròis</i> (Pacific)
.....	.....	<i>Donax variabilis</i>
.....	.....	<i>Saxidomus nuttali</i> (Pacific)
.....	.....	<i>Paphia staminea</i> (Pacific)
.....	.....	<i>Venus mercenaria</i> (Atlantic)
.....	.....	<i>Venus mortoni</i> (Florida)
.....	.....	<i>Cyprina islandica</i>
.....	.....	<i>Tivela stultorum</i> (Pacific)
.....	.....	<i>Ensis</i> species (Atlantic)
.....	.....	<i>Siliqua patula</i> (Pacific)
.....	.....	.....
.....	.....	<i>Mya arenaria</i>
.....	.....	<i>Spisula solidissima</i>
.....	.....	<i>Strombus</i> species
.....	.....	<i>Buoycon</i> species
.....	.....	<i>Achea testudinialis</i>
.....	.....	.....
.....	.....	<i>Mytilus californianus</i> (Pacific)
.....	.....	<i>Mytilus edulis</i> (Atlantic)
.....	.....	<i>Quadrula</i> species
.....	.....	<i>Lampsilis</i> species
.....	.....	<i>Unio</i> species
.....	.....	<i>Symphynota</i> species
.....	.....	<i>Octopus punctatus</i>
.....	.....	.....
.....	.....	<i>Crassostrea virginica</i>
.....	.....	<i>Crassostrea gigas</i>
.....	.....	<i>Ostrea lurida</i>
.....	.....	<i>Littorina</i> species
.....	.....	<i>Lunatia</i> species

(Continued on next page)

## GLOSSARY

Common names as shown in Service reports	Other common names	Scientific names
MOLLUSKS - Continued		
Scallop:		
Bay .....	.....	<i>Pecten irradians</i> (Atlantic)
Sea .....	.....	<i>Pecten aequisulcatus</i> (Pacific)
Squid .....	Inkfish, bone squid, tawtaw .....	<i>Pecten magellanicus</i>
		<i>Loligo opalescens</i> (Pacific)
		<i>Loligo pealei</i> (Atlantic)
OTHER		
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 imbricata</i>
Snapper .....	Hard-shell, alligator turtle .....	<i>Chelydra serpentina</i>
Soft-shell .....	.....	<i>Macrochelys temminckii</i>
Frogs .....	.....	<i>Trionyx</i> species
Irish moss .....	.....	<i>Rana</i> species
Kelp .....	.....	<i>Chironurus crispus</i>
Rockweed .....	.....	<i>Macrocystis</i> species, <i>Nereocystis</i>
Sponge:	Seaweed .....	species, <i>Pelagophycus</i> species,
Glove .....	.....	<i>Alaria</i> species
Grass .....	.....	<i>Laminaria</i> species
Sheepswool .....	Wool .....	<i>Spongia graminea</i>
Yellow .....	.....	<i>Euspongia officinalis</i>
Trepang .....	Sea cucumber .....	<i>Hyppospongia equina cerebriformis</i>
Bloodworms .....	.....	<i>Hyppospongia canaliculata</i>
Sandworms .....	.....	<i>Gosypina</i>
		<i>Hyppospongia equina elastica</i>
		<i>Cucumaris frondosa</i> , <i>Thyone</i>
		<i>brariareus</i>
		Terbillidae family
		<i>Nereis</i> species

# SECTION 16 - 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 commercial landings are made in the United States and does not constitute the extreme limits in which they occur. Similarly, the gear listed for each species do not represent the only types of apparatus by which these species are obtained, but represent those types which are normally used in their capture. The gear do not necessarily appear in the order of their importance.

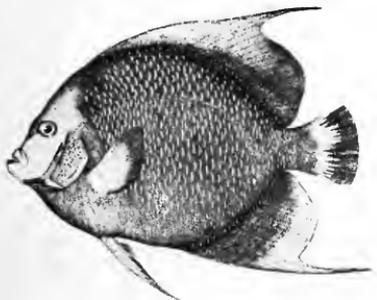
For more detailed information on the nomenclature of the fishery products listed below the reader is referred to Section 15 of this publication entitled, "Glossary".



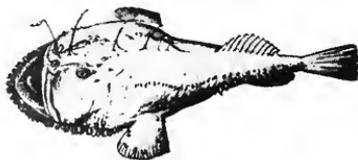
ALEWIFE  
RANGE - FLORIDA TO NEW ENGLAND  
GEAR - POUND NETS, GILL NETS, WEIRS,  
DIP NETS, HAUL SEINES, FLOATING TRAPS,  
FYKE NETS



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



BARRACUDA (ATLANTIC)  
RANGE - FLORIDA  
GEAR - TROLL LINES, HAND LINES



BARRACUDA (PACIFIC)  
RANGE - CALIFORNIA  
GEAR - PURSE SEINES, SET LINES, HAND LINES,  
TROLL LINES, GILL AND TRammel NETS

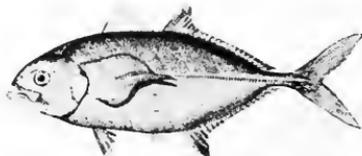


ANCHOVY  
RANGE - CALIFORNIA TO WASHINGTON  
GEAR - PURSE SEINES AND HAUL SEINES

# PICTORIAL SECTION



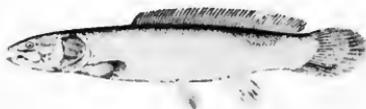
**BLUEFISH**  
 RANGE - GULF OF MEXICO TO NEW ENGLAND  
 GEAR - HAUL SEINES, GILL NETS, POUND NETS,  
 TROLL LINES, PURSE SEINES



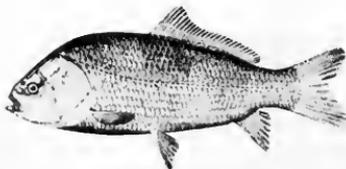
**BLUERUNNER OR HARDTAIL**  
 RANGE - GULF OF MEXICO  
 GEAR - HAUL SEINES, GILL NETS, POTS



**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



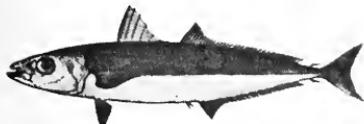
**CARP**  
 RANGE - FRESH-WATER  
 GEAR - HAUL SEINES, GILL NETS, TRAP NETS,  
 FYKE NETS, POUND NETS, TROT LINES



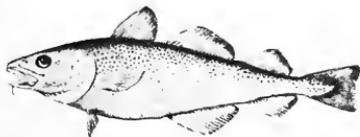
**CATFISH**  
 RANGE - FRESH-WATER  
 GEAR - HAUL SEINES, TROT LINES, POUND  
 NETS, POTS, FYKE NETS



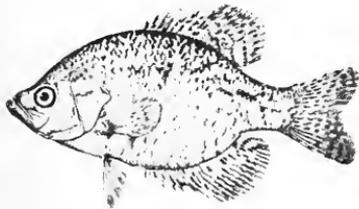
CHUB  
 RANGE - GREAT LAKES  
 GEAR - GILL NETS



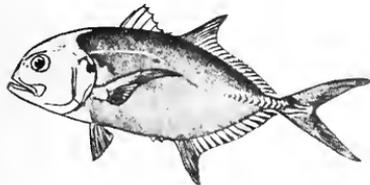
CIGARFISH  
 RANGE - FLORIDA  
 GEAR - HAUL SEINES



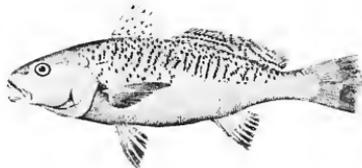
COD  
 RANGE - VIRGINIA TO MAINE, WASHINGTON  
 AND ALASKA  
 GEAR - OTTER TRAWLS, LINE TRAWLS, GILL NETS



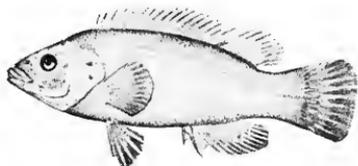
CRAPPIE  
 RANGE - FRESH-WATER LAKES  
 GEAR - HAUL SEINES, LINES, POTS



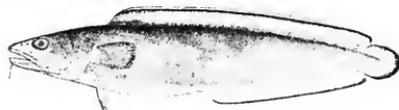
CREVALLE  
 RANGE - SOUTH ATLANTIC AND GULF STATES  
 GEAR - HAUL SEINES, GILL NETS, LINES



CROAKER  
 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

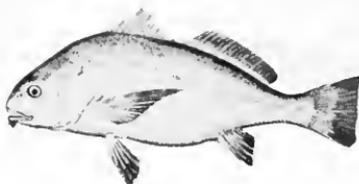


OOLY VARDEN TROUT  
 RANGE - PACIFIC COAST  
 GEAR - POUND NETS, GILL NETS, LINES

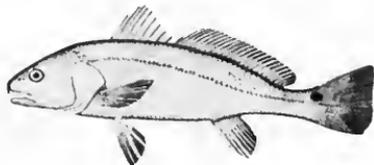


DOLPHIN  
 RANGE - FLORIDA TO NORTH CAROLINA  
 GEAR - TROLL LINES

## PICTORIAL SECTION



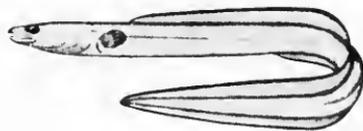
DRUM, BLACK  
 RANGE - TEXAS TO NORTH CAROLINA  
 GEAR - HAUL SEINES, POUND NETS, LINES



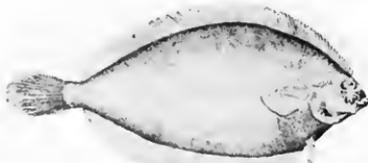
DRUM, RED  
 RANGE - TEXAS - MARYLAND  
 GEAR - POUND NETS, HAUL SEINES, GILL NETS,  
 LINES



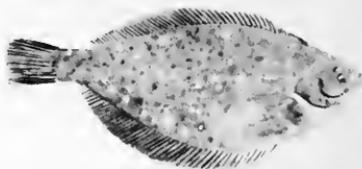
EEL, COMMON  
 RANGE - FLORIDA TO NEW ENGLAND AND IN  
 MISSISSIPPI RIVER, LAKE ONTARIO  
 GEAR - POTS, SPEARS, POUND NETS



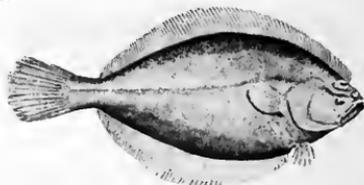
EEL, CONGER  
 RANGE, FLORIDA TO NEW ENGLAND  
 GEAR - OTTER TRAWLS



GRAY SOLE  
 RANGE - MASSACHUSETTS TO MAINE  
 GEAR - OTTER TRAWLS



LEMON SOLE  
 RANGE - NEW YORK TO MAINE  
 GEAR - OTTER TRAWLS



DAB  
 RANGE - MASSACHUSETTS TO NOVA SCOTIA  
 GEAR - OTTER TRAWLS, 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 TRAWL, SPEARS, LINES



FLYING FISH  
 RANGE - PACIFIC AND ATLANTIC OCEANS  
 GEAR - GILL NETS



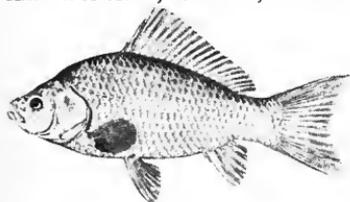
FRIGATE MACKEREL  
 RANGE - MIDDLE ATLANTIC  
 GEAR - POUND NETS



GARFISH  
 RANGE - FRESH-WATER  
 GEAR - HAUL SEINES, LINES



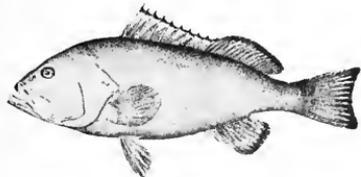
GIZZARD SHAD  
 RANGE - NORTH CAROLINA TO MARYLAND,  
 GREAT LAKES  
 GEAR - HAUL SEINES, POUND NETS, GILL NETS



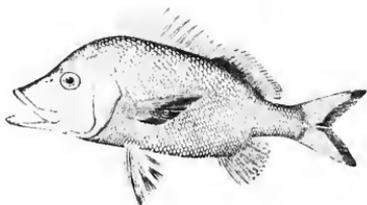
GOLDFISH  
 RANGE - LAKES AND RIVERS  
 GEAR - HAUL SEINES, TRAP NETS, FYKE NETS



GRAYFISH  
 RANGE - PACIFIC COAST STATES  
 GEAR - TRAWL LINES, OTTER TRAWLS, GILL NETS



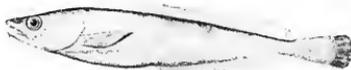
GROUPE  
 RANGE - TEXAS TO SOUTH CAROLINA  
 GEAR - HAND LINES, PDTS



GRUNT  
 RANGE - FLORIDA  
 GEAR - POTS, GILL NETS, LINES



HADDOCK  
 RANGE - NEW ENGLAND STATES  
 GEAR - OTTER TRAWLS, GILL NETS, LINE TRAWLS



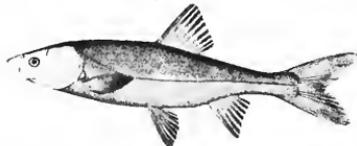
HAKE, RED  
 RANGE - CHESAPEAKE BAY TO NEW ENGLAND  
 GEAR - GILL NETS, OTTER TRAWLS, LINE TRAWLS



HAKE, WHITE  
 RANGE - CHESAPEAKE BAY TO NEW ENGLAND  
 GEAR - GILL NETS, OTTER TRAWLS, LINE TRAWLS

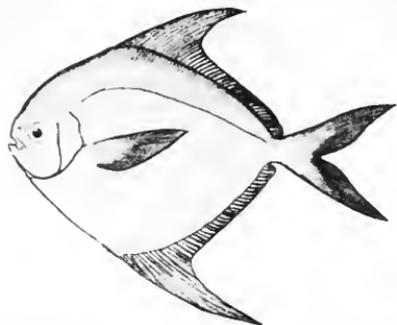


HALIBUT  
 RANGE - PACIFIC COAST - NEW ENGLAND  
 GEAR - TRAWL LINES, OTTER TRAWLS



HARDHEAD  
 RANGE - CALIFORNIA  
 GEAR - FYKE NETS

## PICTORIAL SECTION



HARVESTFISH OR "STARFISH"  
 RANGE - NORTH CAROLINA TO CHESAPEAKE BAY  
 GEAR - HAUL SEINES, POUND NETS



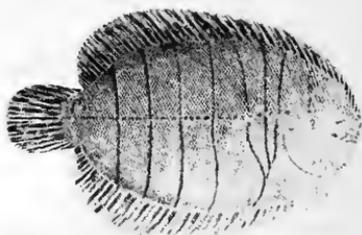
HERRING, LAKE  
 RANGE - GREAT LAKES  
 GEAR - GILL NETS, HAUL SEINES, POUND NETS,  
 TRAP NETS



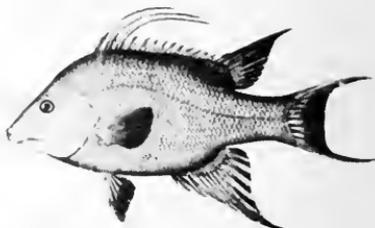
HERRING, SEA  
 RANGE - NEW JERSEY TO NEW ENGLAND, PACIFIC  
 COAST STATES AND ALASKA  
 GEAR - PURSE SEINES, WEIRS, FLOATING TRAPS,  
 STOP SEINES



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



JEWFISH  
 RANGE - FLORIDA  
 GEAR - HAND LINES



JOHN DORY  
 RANGE - MIDDLE ATLANTIC STATES  
 GEAR - OTTER TRAWLS



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



LAKE TROUT  
 RANGE - GREAT LAKES  
 GEAR - GILL NETS, LINES, POUND NETS (TRAP NETS)



LAMPREY  
 RANGE - FRESH-WATER  
 GEAR - POTS, FYKE NETS



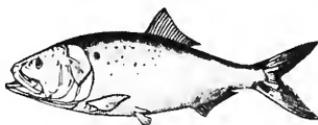
LAUNCE  
 RANGE - NEW ENGLAND  
 GEAR - HAUL SEINES



LINGCOD  
 RANGE - CALIFORNIA TO ALASKA  
 GEAR - OTTER TRAWLS, TRAWL LINES, SET LINES,  
 HAND LINES



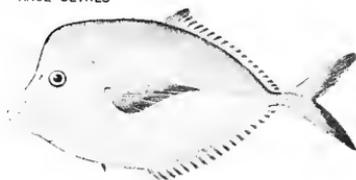
MACKEREL, ATLANTIC  
 RANGE - CHESAPEAKE BAY TO MAINE  
 GEAR - PURSE SEINES, GILL NETS, POUND NETS,  
 FLOATING TRAPS



MENHADEN  
 RANGE - GULF OF MEXICO TO NEW ENGLAND  
 GEAR - PURSE SEINES, POUND NETS



MOONEYE  
 RANGE - GREAT LAKES  
 GEAR - HAUL SEINES



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

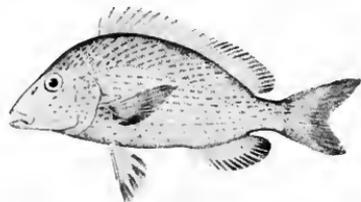
## PICTORIAL SECTION



OCEAN PERCH  
 RANGE - NEW ENGLAND  
 GEAR - OTTER TRAWLS



PAODLEFISH  
 RANGE - GULF OF MEXICO, MISSISSIPPI RIVER  
 GEAR - HAUL SEINES, TROT LINES



FIGFISH  
 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,



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



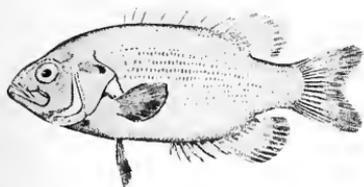
POMPANO  
 RANGE - TEXAS TO NORTH CAROLINA  
 GEAR - TRAMMEL NETS, HAUL SEINES, GILL NETS,  
 HAND LINES



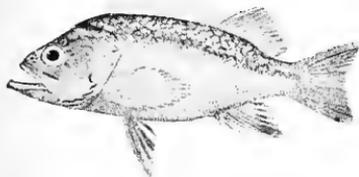
QUILLBACK  
 RANGE - FRESH-WATER  
 GEAR - HAUL SEINES, TROT LINES, FYKE NETS



RATFISH  
 RANGE - WASHINGTON TO ALASKA  
 GEAR - BEAM TRAWLS, TRAWL LINES



ROCK BASS  
 RANGE - GREAT LAKES  
 GEAR - TRAP NETS, FYKE NETS, HAUL SEINES,  
 GILL NETS



ROCKFISH  
 RANGE - CALIFORNIA TO ALASKA  
 GEAR - LINES, OTTER TRAWLS, PARANZELLA NETS,  
 GILL NETS



RUDDERFISH  
 RANGE - CALIFORNIA  
 GEAR - LAMPARA AND RING NETS



SABLEFISH  
 RANGE - PACIFIC COAST STATES AND ALASKA  
 GEAR - TRAWL LINES, OTTER TRAWLS



SALMON, CHINOOK OR KING  
 RANGE - CALIFORNIA TO ALASKA  
 GEAR - POUND NETS, PURSE SEINES, GILL NETS,  
 HAUL SEINES, TROLL LINES, REEF NETS



SALMON, CHUM OR KETA  
 RANGE - OREGON TO ALASKA  
 GEAR - POUND NETS, PURSE SEINES, GILL NETS,  
 HAUL SEINES, REEF NETS



SALMON, PINK  
 RANGE - WASHINGTON TO ALASKA  
 GEAR - PURSE SEINES, POUND NETS, GILL NETS,  
 REEF NETS



SALMON, RED OR SOCKEYE  
 RANGE - OREGON TO ALASKA  
 GEAR - GILL NETS, PURSE SEINES, POUND NETS,  
 REEF NETS



SALMON, SILVER OR COHO  
 RANGE - CALIFORNIA TO ALASKA  
 GEAR - HAUL SEINES, PURSE SEINES, GILL NETS,  
 TROLL LINES, POUND NETS, REEF NETS

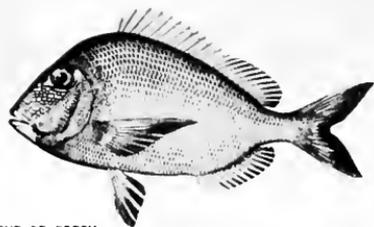


SAUGER  
 RANGE - GREAT LAKES  
 GEAR - GILL NETS, HAUL SEINES, TRAP NETS,  
 FYKE NETS



SCULPIN  
 RANGE - PACIFIC COAST STATES AND ALASKA  
 GEAR - LINES, GILL NETS, POTS

## PICTORIAL SECTION



SCUP OR FORGY  
 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 ROBIN  
 RANGE - CHESAPEAKE BAY TO NEW ENGLAND  
 GEAR - POUND NETS, OTTER TRAWLS



SEA TROUT OR WEAKFISH, GRAY  
 RANGE - FLORIDA TO MASSACHUSETTS  
 GEAR - OTTER TRAWLS, POUND NETS, PURSE SEINES,  
 GILL NETS, HAUL SEINES



SEA TROUT OR WEAKFISH, SPOTTED  
 RANGE - MARYLAND TO TEXAS  
 GEAR - GILL NETS, TRAMMEL NETS, HAUL SEINES,  
 POUND NETS, OTTER TRAWLS, HAND LINES



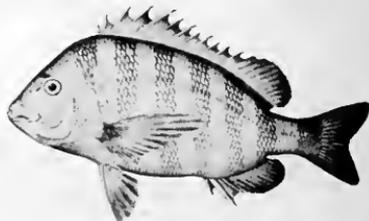
SEA TROUT OR WEAKFISH, WHITE  
 RANGE - GULF OF MEXICO  
 GEAR - GILL NETS, HAUL SEINES, HAND LINES



SHAD  
 RANGE - FLORIDA TO NEW ENGLAND  
 GEAR - GILL NETS, POUND NETS, FYKE NETS,  
 HAUL SEINES



SHARK  
 RANGE - ATLANTIC COAST, GULF, PACIFIC COAST STATES  
 GEAR - TRAWL LINES, GILL NETS, OTTER TRAWLS



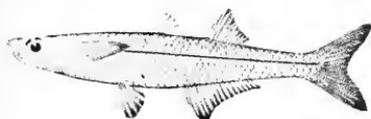
SHEEPSHEAD  
 RANGE - TEXAS TO CHESAPEAKE BAY  
 GEAR - HAND LINES, POTS



SHEEPSHEAD, CALIFORNIA  
 RANGE - CALIFORNIA  
 GEAR - SET LINES, TRAMMEL NETS



SILVER PERCH  
 RANGE - TEXAS TO NEW YORK  
 GEAR - HAUL SEINES, GILL NETS, POUND NETS



SILVERSIDES  
 RANGE - NEW YORK  
 GEAR - HAUL SEINES, OTTER TRAWLS



SKATE  
 RANGE - PACIFIC COAST, CHESAPEAKE BAY TO NEW ENGLAND  
 GEAR - LINES, OTTER TRAWLS, POUND NETS, HAUL SEINES



SKIPPER OR BILLFISH  
 RANGE - VIRGINIA TO NOVA SCOTIA  
 GEAR - POUND NETS, WEIRS



SMELT  
 RANGE - NEW YORK TO MAINE, PACIFIC OCEAN,  
 GREAT LAKES  
 GEAR - POUND NETS, DIP NETS, GILL NETS, HAUL SEINES



GRAY SNAPPER  
 RANGE - FLORIDA  
 GEAR - HAND LINES, GILL NETS



LANE SNAPPER  
 RANGE - FLORIDA  
 GEAR - HAND LINES

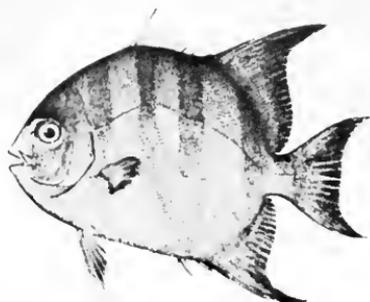


RED SNAPPER  
 RANGE - TEXAS TO FLORIDA  
 GEAR - HAND LINES



SNOOK  
 RANGE - TEXAS TO FLORIDA  
 GEAR - GILL NETS, HAND LINES, HAUL SEINES

# PICTORIAL SECTION



SPADE FISH  
 RANGE - FLORIDA  
 GEAR - GILL NETS, TRAMMEL NETS



SPANISH MACKEREL  
 RANGE - TEXAS TO VIRGINIA  
 GEAR - GILL NETS, LINES, HAUL SEINES



SPOT  
 RANGE - GULF OF MEXICO TO MIDDLE ATLANTIC STATES  
 GEAR - HAUL SEINES, GILL NETS, POUND NETS,  
 OTTER TRAWLS



SQUAW FISH  
 RANGE - CALIFORNIA  
 GEAR - FYKE NETS, GILL NETS



STEELHEAD TROUT  
 RANGE - OREGON TO ALASKA  
 GEAR - HAUL SEINES, POUND NETS, GILL NETS,  
 LINES, DIP NETS



STRIPED BASS  
 RANGE - NORTH CAROLINA TO NEW ENGLAND, CALIFORNIA  
 TO OREGON  
 GEAR - HAUL SEINES, GILL NETS, POUND NETS,  
 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



SUCKERS  
 RANGE - FRESH-WATER  
 GEAR - POUND NETS, FYKE NETS, GILL NETS,  
 HAUL SEINES, TRAP NETS



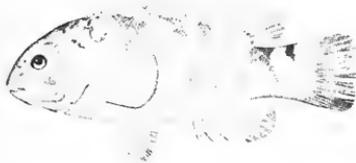
SUN FISH  
 RANGE - FRESH-WATER  
 GEAR - POTS, SEINES, TRAP NETS



SWELL FISH  
 RANGE - CHESAPEAKE BAY TO MIDDLE ATLANTIC  
 GEAR - POUND NETS, HAUL SEINES, OTTER TRAWLS



**SWORDFISH**  
 RANGE - NEW ENGLAND AND CALIFORNIA  
 GEAR - HARPOONS



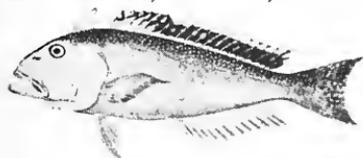
**TAUTOG**  
 RANGE - CHESAPEAKE BAY TO NEW ENGLAND  
 GEAR - POUND NETS, HAND LINES, POTS



**TENPOUNDER**  
 RANGE - FLORIDA  
 GEAR - HAUL SEINES



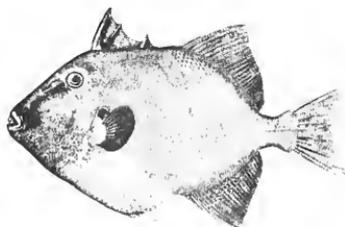
**THIMBLE-EYED MACKEREL**  
 RANGE - CHESAPEAKE BAY TO NEW ENGLAND  
 GEAR - POUND NETS, PURSE SEINES, OTTER TRAWLS



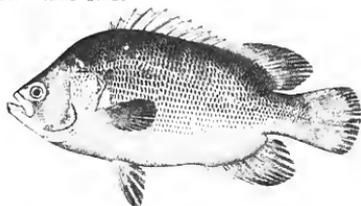
**TILEFISH**  
 RANGE - MIDDLE ATLANTIC AND NEW ENGLAND STATES  
 GEAR - TRAWL LINES, REEF NETS



**TOMCOD**  
 RANGE - PACIFIC COAST, MIDDLE ATLANTIC AND  
 NEW ENGLAND STATES  
 GEAR - OTTER TRAWLS, DIP NETS



**TRIGGERFISH**  
 RANGE - FLORIDA  
 GEAR - HAND LINES



**TRIPLETAIL**  
 RANGE - FLORIDA  
 GEAR - HAUL SEINES, GILL NETS, LINES



**TUNA, ALBACORE**  
 RANGE - PACIFIC COAST  
 GEAR - LINES

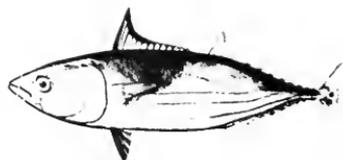


**TUNA, BLUEFIN**  
 RANGE - CALIFORNIA, NEW JERSEY TO MAINE  
 GEAR - PURSE SEINES, LAMPARA NETS, TROLL LINES,  
 POUND NETS, HARPOONS



**TUNA, LITTLE**  
 RANGE - MASSACHUSETTS TO TEXAS  
 GEAR - POUND NETS, TROLL LINES, OTTER TRAWLS

## PICTORIAL SECTION



TUNA, SKIPJACK  
 RANGE - CALIFORNIA  
 GEAR - LINES, PURSE SEINES



WHITE BASS  
 RANGE - GREAT LAKES  
 GEAR - TRAP NETS, FYKE NETS, HAUL SEINES,  
 POUND NETS



WHITEFISH, COMMON  
 RANGE - GREAT LAKES  
 GEAR - GILL NETS, POUND NETS, TRAP NETS



WHITEFISH, MENOMINEE  
 RANGE - ALASKA, GREAT LAKES  
 GEAR - GILL NETS, HAUL SEINES, TRAP NETS,  
 POUND NETS



WHITE PERCH  
 RANGE - NORTH CAROLINA TO MAINE  
 GEAR - POUND NETS, FYKE NETS, HAUL SEINES



WHITING  
 RANGE - VIRGINIA TO MAINE  
 GEAR - OTTER TRAWLS, POUND NETS



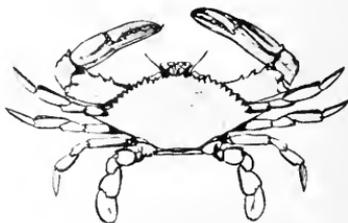
WOLFFISH  
 RANGE - MASSACHUSETTS AND MAINE  
 GEAR - OTTER TRAWLS, LINE TRAWLS



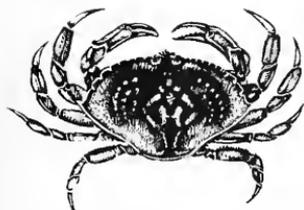
YELLOW PERCH  
 RANGE - GREAT LAKES, OTHER LAKES  
 GEAR - GILL NETS, TRAP NETS, POUND NETS,  
 FYKE NETS



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



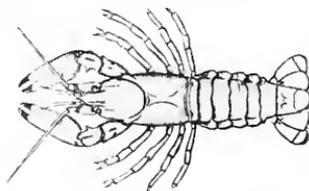
DUNGENESS CRAB  
 RANGE - PACIFIC COAST STATES AND ALASKA  
 GEAR - TRAPS



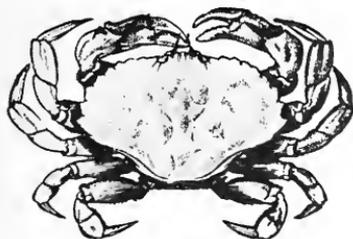
HORSESHOE CRAB  
 RANGE - MARYLAND TO NEW YORK  
 GEAR - POUND NETS, WEIRS, BY HAND



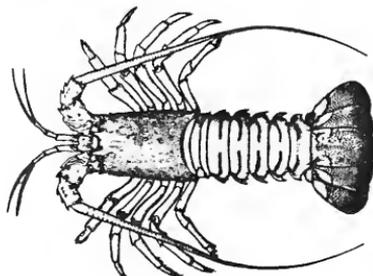
KING CRAB  
 RANGE - ALASKA  
 GEAR - TANGLE NETS, OTTER TRAWLS



FRESH-WATER CRAWFISH  
 RANGE - RIVERS AND LAKES  
 GEAR - CRAWFISH (POTS)



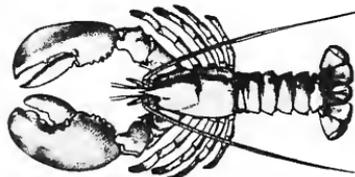
ROCK CRAB  
 RANGE - NEW ENGLAND  
 GEAR - POTS



SEA CRAWFISH OR SPINY LOBSTER  
 RANGE - CALIFORNIA AND FLORIDA  
 GEAR - DIP NETS, POTS, HOOKS

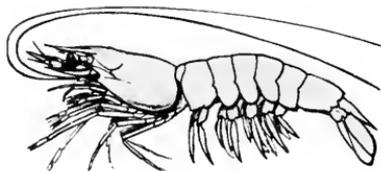


STONE CRAB  
 RANGE - FLORIDA  
 GEAR - DIP NETS, CRAB POTS



LOBSTER  
 RANGE - VIRGINIA TO MAINE  
 GEAR - POTS

## PICTORIAL SECTION



SHRIMP  
 RANGE - TEXAS TO NORTH CAROLINA, MAINE,  
 CALIFORNIA, WASHINGTON AND ALASKA  
 GEAR - SHRIMP TRAWLS



SOFT CLAMS  
 RANGE - MIDDLE ATLANTIC TO NEW ENGLAND,  
 PACIFIC COAST STATES  
 GEAR - FORKS, HOES, RAKES



BUTTER CLAM  
 RANGE - PACIFIC COAST  
 GEAR - SHOVELS



CONCH  
 RANGE - FLORIDA TO MAINE  
 GEAR - SPONGE HOOKS, OTTER TRAWLS, DREDGES, POTS



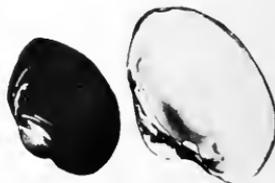
LITTLE-NECK CLAMS  
 RANGE - PACIFIC COAST  
 GEAR - SHOVELS



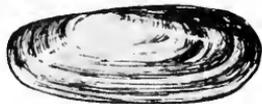
LIMPET  
 RANGE - NEW YORK AND NEW ENGLAND  
 GEAR - DREDGES



HARD CLAMS  
 RANGE - FLORIDA TO MAINE  
 GEAR - HOES, DREDGES, TONGS, RAKES, BY HAND



FRESH-WATER MUSSEL  
 RANGE - FRESH-WATER STREAMS  
 GEAR - CROWFOOT BARS, PICKS, HAND



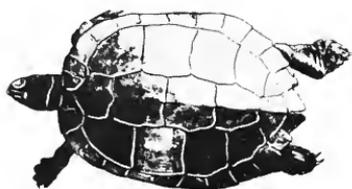
RAZOR CLAMS, PACIFIC  
 RANGE - OREGON, WASHINGTON AND ALASKA  
 GEAR - SHOVELS



OCEAN MUSSEL  
 RANGE - NORTH CAROLINA TO MAINE  
 GEAR - DREDGES, TONGS, RAKES, HAND



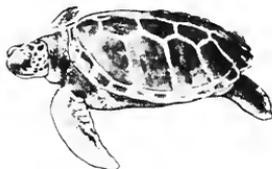
OYSTER  
 RANGE - TEXAS TO MASSACHUSETTS, PACIFIC COAST STATES  
 GEAR - TONGS, DREDGES, RAKES, HAND



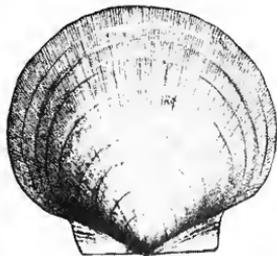
TERRAPIN  
 RANGE - TEXAS TO NEW JERSEY  
 GEAR - HAUL SEINES, HAND



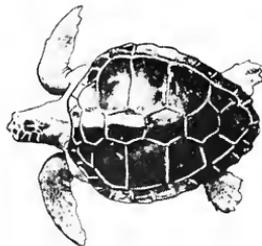
BAY SCALLOP  
 RANGE - FLORIDA TO MASSACHUSETTS, WASHINGTON  
 GEAR - DREDGES, SCRAPES, PUSH NETS, TONGS, RAKES



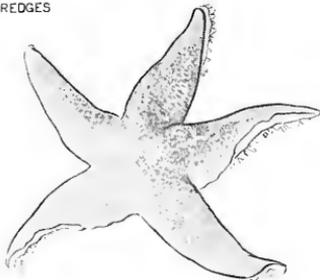
GREEN TURTLE  
 RANGE - FLORIDA  
 GEAR - GILL NETS, TANGLE NETS



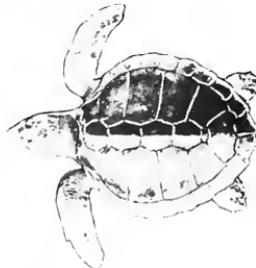
SEA SCALLOP  
 RANGE - NEW JERSEY TO MAINE  
 GEAR - DREDGES



LOGGERHEAD TURTLE  
 RANGE - FLORIDA TO NEW JERSEY  
 GEAR - GILL NETS



STARFISH  
 RANGE - ATLANTIC AND PACIFIC COAST  
 GEAR - HOOKS, SCRAPES, "MOPS"

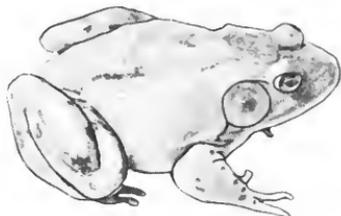


HAWKSBILL TURTLE  
 RANGE - GULF OF MEXICO, AND ATLANTIC COAST  
 TO NEW YORK  
 GEAR - HAND, TANGLE NETS, POUND NETS

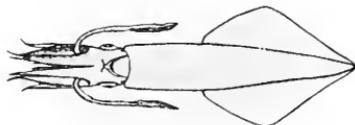
## PICTORIAL SECTION



SOFT-SHELL TURTLE  
 RANGE - LAKES AND RIVERS  
 GEAR - HAUL SEINES, FYKE NETS, POTS



FROG  
 RANGE - FRESH-WATER, MARSHES, POND  
 GEAR - SPEARS, GRABS



SQUID  
 RANGE - VIRGINIA TO MAINE, CALIFORNIA AND WASHINGTON  
 GEAR - LAMPARA NETS, GILL NETS, OTTER TRAWLS,  
 POUND NETS



SPONGE  
 RANGE - FLORIDA  
 GEAR - HOOKS, DIVING OUTFITS



IRISH MOSS  
 RANGE - NEW ENGLAND  
 GEAR - RAKES

## SECTION 17 - STATISTICAL PUBLICATIONS

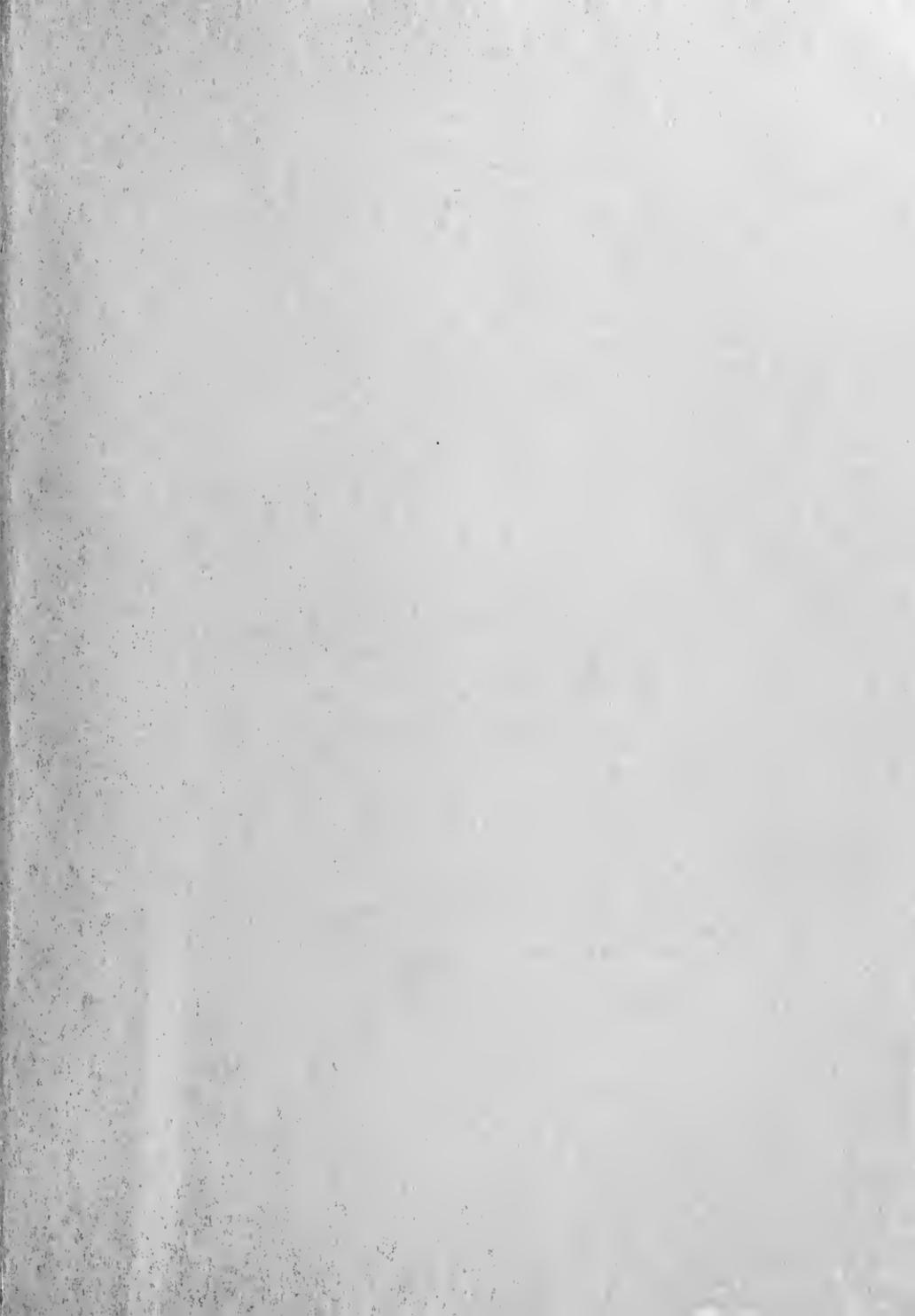
## CURRENT FISHERIES STATISTICS

The following list of publications includes all reports issued in the Current Fishery Statistics series during 1951.

<u>C.F.S. NO.</u>	<u>TITLE</u>	<u>C.F.S. NO.</u>	<u>TITLE</u>
605	FLORIDA LANDINGS, NOVEMBER 1950	663	FROZEN FISH REPORT, JULY 1951
606	FROZEN FISH REPORT, ANNUAL, 1950	664	MASSACHUSETTS LANDINGS, MAY 1951
607	FROZEN FISH REPORT, JANUARY 1951	665	TEXAS LANDINGS, JUNE 1951
608	TEXAS LANDINGS, DECEMBER 1950	666	MAINE LANDINGS, MAY 1951
609	MAINE LANDINGS, NOVEMBER 1950	667	FISH MEAL AND OIL, JUNE 1951
610	FISH MEAL AND OIL, DECEMBER 1950	668	ALABAMA LANDINGS, JUNE 1951
611	MASSACHUSETTS LANDINGS, OCTOBER 1950	669	FLORIDA LANDINGS, JUNE 1951
612	ALABAMA LANDINGS, DECEMBER 1950	670	MISSISSIPPI LANDINGS, JUNE 1951
613	FLORIDA LANDINGS, DECEMBER 1950	671	CANNED FISH AND BYPRODUCTS, ANNUAL, 1950
614	FROZEN FISH REPORT, FEBRUARY 1951	672	PACKAGED FISH, ANNUAL, 1950
615	MASSACHUSETTS LANDINGS, NOVEMBER 1950	673	FROZEN FISH REPORT, AUGUST 1951
616	MASSACHUSETTS LANDINGS, DECEMBER 1950	674	MASSACHUSETTS LANDINGS, JUNE 1951
617	TEXAS LANDINGS, JANUARY 1951	675	TEXAS LANDINGS, JULY 1951
618	MAINE LANDINGS, DECEMBER 1950	676	MAINE LANDINGS, JUNE 1951
619	FISH MEAL AND OIL, JANUARY 1951	677	FISH MEAL AND OIL, JULY 1951
620	ALABAMA LANDINGS, JANUARY 1951	678	ALABAMA LANDINGS, JULY 1951
621	FLORIDA LANDINGS, JANUARY 1951	679	FLORIDA LANDINGS, JULY 1951
622	MAINE LANDINGS, BY MONTHS, 1950	680	MISSISSIPPI LANDINGS, JULY 1951
623	MAINE LANDINGS, BY COUNTIES, 1950	681	FLORIDA LANDINGS, ANNUAL, 1950
624	MASSACHUSETTS LANDINGS, BY PORTS, ANNUAL, 1950	682	GULF FISHERIES, ANNUAL, 1949
625	MASSACHUSETTS LANDINGS, BY GEAR AND AREA, ANNUAL, 1950	683	CHESAPEAKE FISHERIES, ANNUAL, 1949
626	FROZEN FISH REPORT, MARCH 1951	684	FROZEN FISH REPORT, SEPTEMBER 1951
627	MASSACHUSETTS LANDINGS, JANUARY 1951	685	MASSACHUSETTS LANDINGS, JULY 1951
628	TEXAS LANDINGS, FEBRUARY 1951	686	TEXAS LANDINGS, AUGUST 1951
629	MAINE LANDINGS, JANUARY 1951	687	MAINE LANDINGS, JULY 1951
630	FISH MEAL AND OIL, FEBRUARY 1951	688	FISH MEAL AND OIL, AUGUST 1951
631	ALABAMA LANDINGS, FEBRUARY 1951	689	ALABAMA LANDINGS, AUGUST 1951
632	FLORIDA LANDINGS, FEBRUARY 1951	690	FLORIDA LANDINGS, AUGUST 1951
633	FROZEN FISH REPORT, APRIL 1951	691	MISSISSIPPI LANDINGS, AUGUST 1951
634	MASSACHUSETTS LANDINGS, FEBRUARY 1951	692	NEW ENGLAND FISHERIES, ANNUAL, 1949
635	TEXAS LANDINGS, MARCH 1951	693	MIDDLE ATLANTIC FISHERIES, ANNUAL, 1949
636	MAINE LANDINGS, FEBRUARY 1951	694	FROZEN FISH REPORT, OCTOBER 1951
637	FISH MEAL AND OIL, MARCH 1951	695	MASSACHUSETTS LANDINGS, AUGUST 1951
638	ALABAMA LANDINGS, MARCH 1951	696	TEXAS LANDINGS, SEPTEMBER 1951
639	FLORIDA LANDINGS, MARCH 1951	697	MAINE LANDINGS, AUGUST 1951
640	ALASKA FISHERIES, ANNUAL, 1949	698	FISH MEAL AND OIL, SEPTEMBER 1951
641	FROZEN FISH REPORT, MAY 1951	699	ALABAMA LANDINGS, SEPTEMBER 1951
642	MASSACHUSETTS LANDINGS, MARCH 1951	700	FLORIDA LANDINGS, SEPTEMBER 1951
643	TEXAS LANDINGS, APRIL 1951	701	MISSISSIPPI LANDINGS, SEPTEMBER 1951
644	MAINE LANDINGS, MARCH 1951	702	MANUFACTURED FISHERY PRODUCTS, 1949
645	FISH MEAL AND OIL, APRIL 1951	703	FISHERIES OF THE UNITED STATES AND ALASKA, ANNUAL, 1949
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659	ALABAMA LANDINGS, MAY 1951	717	FISH MEAL AND OIL, NOVEMBER 1951
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