Fisheries of the United States 2003

National Marine Fisheries Service
Office of Science and Technology
Fisheries Statistics Division

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Silver Spring, Maryland

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Preface

FISHERIES OF THE UNITED STATES, 2003

This publication is a preliminary report for 2003 on commercial and recreational fisheries of the United States with landings from the U.S. territorial seas, the U.S. Exclusive Economic Zone (EEZ), and on the high seas. This annual report provides timely answers to frequently asked questions.

SOURCES OF DATA

Information in this report came from many sources. Field offices of the National Marine Fisheries Service (NMFS), with the generous cooperation of the coastal states, collected and compiled data on U.S. commercial landings and processed fishery products.

The NMFS Fisheries Statistics Division in Silver Spring, MD, managed the collection and compilation of recreational statistics, in cooperation with various States and Interstate Fisheries Commissions, and tabulated and prepared all data for publication. Sources of other data appearing in this publication are: U.S. Bureau of the Census, U.S. Bureau of Labor Statistics, U.S. Coast Guard, U.S. Customs Service, U.S. Department of the Interior, U.S. Department of Agriculture, and the Food and Agriculture Organization (FAO) of the United Nations.

PRELIMINARY AND FINAL DATA

Data on U.S. commercial landings, employment, prices, production of processed products, and recreational catches are preliminary for 2003. Final data will be published in other NMFS Current Fishery Statistics publications.

The Fisheries Statistics Division of NMFS takes this opportunity to thank states, industry, and foreign nations who provided the data that made this publication possible. Program leaders of the field offices were: Gregory Power, Scott McNamara, and Gene Steady for New England, Middle Atlantic, and Chesapeake; Scott Nelson, U.S. Geological Survey, Great Lakes States; David Gloeckner, Guy Davenport, and Maggie Williams for the South Atlantic and Gulf States; Patricia J. Donley, California; David Hamm, Hawaii and Pacific Islands; John K. Bishop, Oregon and Washington; and Robert Ryznar and Camille Ruse of the Alaska Fisheries Information Network for Alaska.

NOTES

The time series of U.S. catch by species and distance from shore included in this year's "Fisheries of the U.S." is estimated by the National Marine Fisheries Service.

As in past issues of this publication, the units of quantity and value are defined as follows unless otherwise noted: U.S. landings are shown in round weight (except mollusks which are in meat weight); quantities shown for U.S. imports and exports are in product weight, as reported by the U.S. Bureau of the Census; the value of the U.S. domestic commercial landings is exvessel; in the Review Section on important species, deflated exvessel prices are shown. The deflated value was computed using the Gross Domestic Products Implicit Price Deflator using a base year 2000; the value for U.S. imports is generally the market value in the foreign (exporting) country and, therefore, excludes U.S. import duties, freight charges and insurance from the foreign country to the United States; the value for exports is generally the value at the U.S. port of export, based on the selling price, including inland freight, insurance, and other charges. Countries and territories shown in the U.S. foreign trade section are established for statistical purposes in the Tariff Schedules of the United States Annotated (International Trade Commission) and reported by the U.S. Bureau of the Census.

SUGGESTIONS

The Fisheries Statistics Division wishes to provide the kinds of data sought by users of fishery statistics, and welcomes comments or suggestions that will improve this publication.

Address all comments or questions to:

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Members of the Office of Science and Technology in Silver Spring who helped with this publication were: Rob Andrews, Nicole Bartlett, Daryl Bullock, Tina Chang, , Rita Curtis, Lauren Dolinger Few, Josanne Fabian, Brad Gentner, Tim Haverland, Steven Koplin, Elizabeth Pritchard, Tom Sminkey, David Sutherland, Glen Taylor, William Uttley, David Van Voorhees, Lelia Wise, and Patty Zielinski.

Contents

Review

U.S. LANDINGS

Commercial landings (edible and industrial) by U.S. fishermen at ports in the 50 states were 9.5 billion pounds or 4.3 million metric tons valued at $3.3 billion in 2003—an increase of 108.3 million pounds (up 1 percent) and $249.9 million (up 8 percent) compared with 2002. Finfish accounted for 87 percent of the total landings, but only 45 percent of the value. The 2003 average exvessel price paid to fishermen was 35 cents compared to 33 cents in 2002.

Catches of Alaska pollock, Pacific whiting and other Pacific groundfish that are processed at-sea aboard U.S. vessels in the northeastern Pacific are credited as "landings" to the state nearest to the area of capture. Information on landing port or percentage of catch transferred to transport ships for delivery to foreign ports is unavailable. These at-sea processed fishery products, on a round (live) weight basis, exceeded 1.1 million metric tons in 2003 and comprised more than 26 percent of the total domestic landings in the 50 states.

Commercial landings by U.S. fishermen at ports outside the 50 states along with Internal Water Processing (IWP) agreements (see glossary) provided an additional 198.3 million pounds (90,000 metric tons) valued at $76.3 million. This was a decrease of 36 percent, or 119.6 million pounds (54,200 metric tons) in quantity and $42.0 million (38 percent) in value compared with 2002. Most of these landings consisted of tuna, sea herring and mackerel landed in American Samoa and other foreign ports.

Edible fish and shellfish landings in the 50 states were 7.5 billion pounds (3.4 million metric tons) in 2003—an increase of 314.0 million pounds (142,400 metric tons) compared with 2002.

Landings for reduction and other industrial purposes were 2.0 billion pounds (900,800 metric tons) in 2003—a decrease of 9 percent compared with 2002.

The 2003 U.S. marine recreational finfish catch (including fish kept and fish released (discarded)) on the Atlantic, Gulf, and Pacific coasts was an estimated 452.0 million fish taken on an estimated 82.0 million fishing trips. The harvest (fish kept or released dead) was estimated at 195.0 million fish weighing 263.0 million pounds.

WORLD LANDINGS

In 2002, the most recent year for which data are available, world commercial fishery landings and aquaculture production were 133.0 million metric tons—an increase of 2.3 million metric tons (up 2 percent) compared with 2001.

China was the leading nation with 33.3 percent of the total harvest; Peru, second with 6.5 percent; India, third with 4.5 percent; United States, fourth with 4.1 percent; and Indonesia, fifth with 4.1 percent.

PRICES

The 2003 annual exvessel price index for edible fish increased by 8 percent, shellfish decreased less then 1 percent, and industrial fish remained unchanged when compared with 2002. Exvessel price indices increased for 18 of the 33 species groups being tracked, decreased for 12 species groups, were unchanged for 2 species group, and weren't available for one species. The Coho Salmon price index had the largest increase (37 percent) while Atlantic Pollack price index showed the largest decrease (35 percent).

PROCESSED PRODUCTS

The estimated value of the 2003 domestic production of edible and nonedible fishery products was $7.0 billion, $670.0 million less than in 2002. The value of edible products was $6.6 billion—a decrease of $681.2 million compared with 2002. The value of industrial products was $384.7 million in 2003—an increase of $12.0 million compared with 2002.

FOREIGN TRADE

The total import value of edible and nonedible fishery products was $21.3 billion in 2003—an increase of $1.6 billion compared with 2002. Imports of edible fishery products (product weight) were 4.9 billion pounds (2.2 million metric tons) valued at $11.1 billion in 2003—an increase of 479.4 million pounds and $974.2 million compared with 2002. Imports of nonedible (i.e., industrial) products were $10.2 billion—an increase of $617.2 million compared with 2002.

Review

Total export value of edible and nonedible fishery products was $12.0 billion in 2003—an increase of $294.0 million compared with 2002. United States firms exported 2.4 billion pounds (1.1 million metric tons) of edible products valued at $3.3 billion—a decrease of 3.3 million pounds but $146.8 million more than in 2002. Exports of nonedible products were valued at $8.7 billion, $137.1 million more than 2002.

SUPPLY

The U.S. supply of edible fishery products (domestic landings plus imports, round weight equivalent, minus exports) was 11.8 billion pounds (5.3 million metric tons) in 2003—an increase of 1.4 billion pounds compared with 2002. The supply of industrial fishery products was 1.3 billion pounds (589,694 metric tons) in 2003—a decrease of 329.2 million pounds compared with 2002.

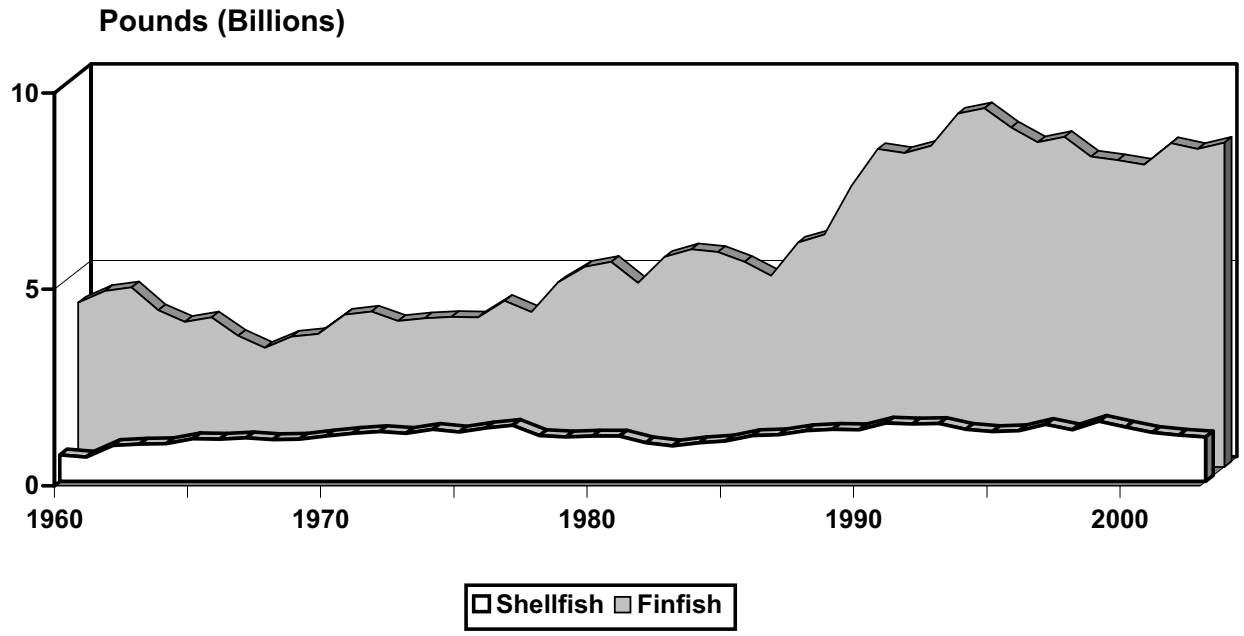
PER CAPITA CONSUMPTION

U.S. consumption of fishery products was 16.3 pounds of edible meat per person in 2003, up 0.7 pound from the 2002 per capita consumption of 15.6 pounds.

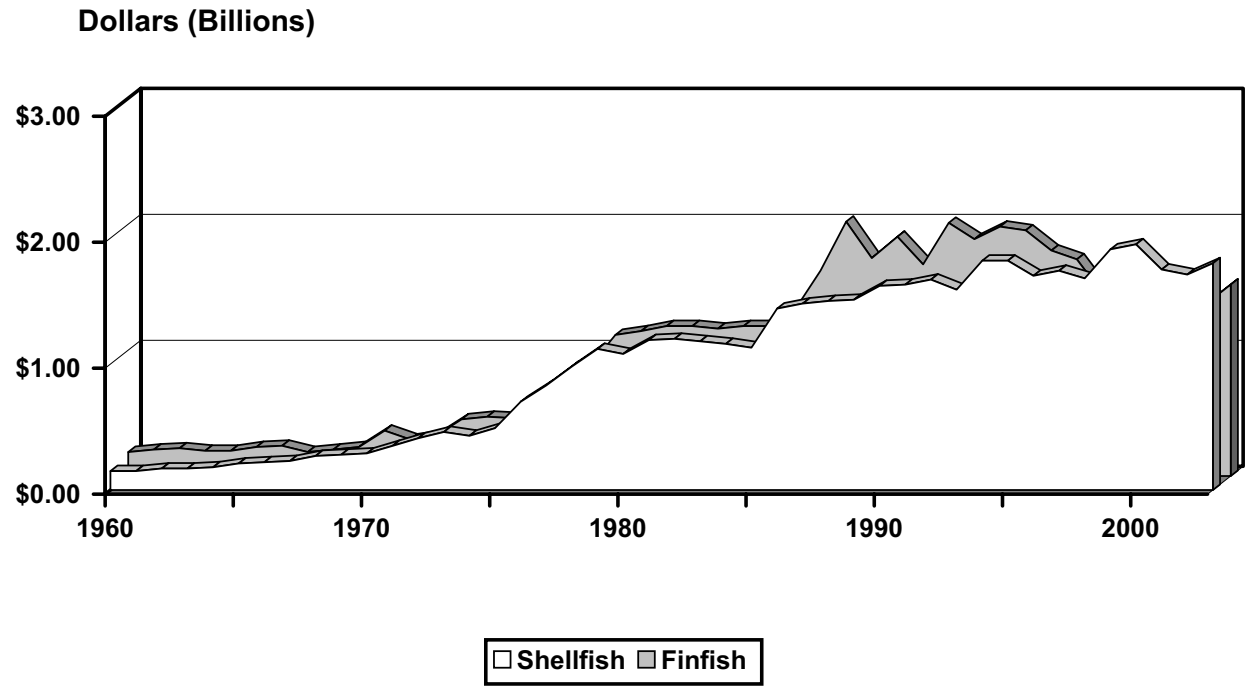
CONSUMER EXPENDITURES

U.S. consumers spent an estimated $61.2 billion for fishery products in 2003. The 2003 total includes $42.0 billion in expenditures at food service establishments (restaurants, carry-outs, caterers, etc.); $18.9 billion in retail sales for home consumption; and $290.4 million for industrial fish products. By producing and marketing a variety of fishery products for domestic and foreign markets, the commercial marine fishing industry contributed $31.5 billion (in value added) to the U.S. Gross National Product.

Volume of U. S. Domestic Finfish and Shellfish Landings
1960 - 2003



Value of U.S. Domestic Finfish and Shellfish Landings
1960 - 2003



Alaska led all states in volume with landings of 5.3 billion pounds, followed by Louisiana, 1.3 billion pounds; Virginia, 446.8 million pounds; Washington, 379.7 million pounds; and California, 366.3 million pounds.

Alaska led all states in value of landings with $989.8 million, followed by Louisiana, $294.0 million; Massachusetts, $291.6 million; Maine, $283.8 million; and Washington, $170.2 million.

Dutch Harbor-Unalaska, Alaska, was the leading U.S. port in quantity of commercial fishery landings, followed by: Empire-Venice, Louisiana; Reedville, Virginia; Intercoastal City, Louisiana; and Cameron, Louisiana.

New Bedford, Massachusetts was the leading U.S. port in terms of value, followed by: Dutch Harbor-Unalaska, Alaska; Hampton Roads Area, Virginia; Kodiak, Alaska; Empire-Venice, Louisiana; and Dulac-Chauvin, Louisiana.

Tuna landings by U.S.-flag vessels at ports outside the continental United States amounted to 187.6 million pounds.

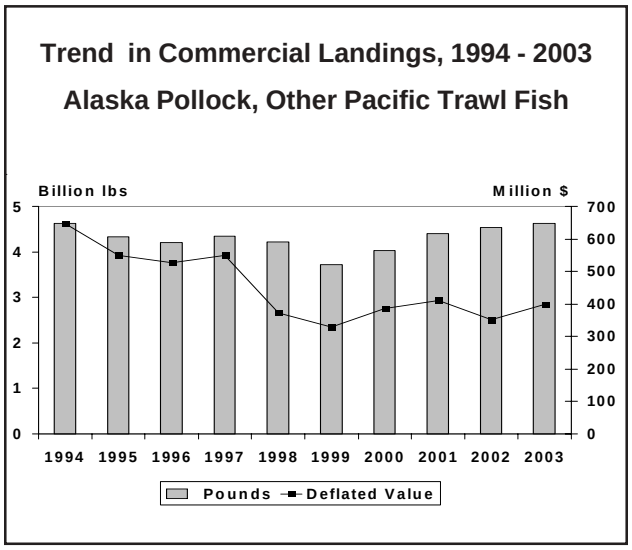
Major U.S. Domestic Species Landed in 2003
Ranked By Quantity and Value
(Numbers in thousands)

Rank	Species	Pounds	Rank	Species	Dollars
1	Pollock	3,372,338	1	Crabs	483,586
2	Menhaden	1,599,444	2	Shrimp	424,027
3	Salmon	674,096	3	Lobsters	308,005
4	Cod	591,130	4	Flatfish	266,618
5	Flatfish	444,075	5	Scallops	229,240
6	Hakes	339,944	6	Pollock	208,581
7	Crabs	338,854	7	Salmon	200,838
8	Shrimp	313,624	8	Cod	187,113
9	Herring (sea)	286,050	9	Clams	162,838
10	Sardines	159,493	10	Oysters	103,045

ALASKA POLLOCK AND OTHER PACIFIC TRAWL FISH

U.S. landings of Pacific trawl fish (Pacific cod, flounders, hake, Pacific ocean perch, Alaska pollock, and rockfishes) were 4.6 billion pounds valued at $422.2 million—an increase of 2 percent in quantity and an increase of 16 percent in value compared with 2002.

Landings of Alaska pollock increased 1 percent to 3.4 billion pounds and were 527.9 million pounds more than their 1998 - 2002 5 - year average. Landings of Pacific cod were 567.5 million pounds — an increase of 11 percent from 512.8 million pounds in 2002. Pacific hake (whiting) landings were 309.4 million pounds (up 8 percent) valued at $17.2 million (up 26 percent) compared to 2002. Landings of rockfishes were 35.5 million pounds (down 2 percent) and valued at $15.6‘ million (down 12 percent) compared to 2002.



ANCHOVIES

U.S. landings of anchovies were 4.0 million pounds—a decrease of 6.8 million pounds (63 percent) compared with 2002. One percent of all landings were used for animal food or reduction and 99 percent were used for bait. The U.S. imports all edible anchovies

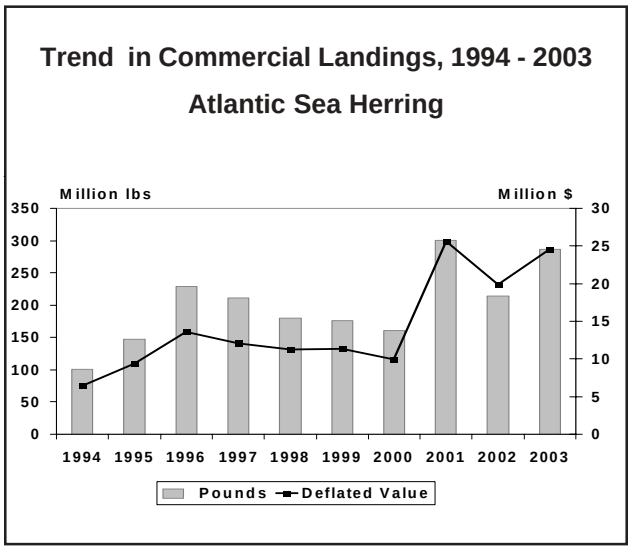
HALIBUT

U.S. landings of Atlantic and Pacific halibut were 79.5. million pounds (round weight) valued at $172.2 million—a decrease of 2.5 million pounds (3 percent), and an increase $36.6 million (27 percent) compared with 2002. The Pacific fishery accounted for all but 36,000 pounds of the 2003 total halibut catch. The average exvessel price per pound in 2003 was $2.17 compared with $1.65 in 2002.

SEA HERRING

U.S. commercial landings of sea herring were 286.1 million pounds valued at $25.9 million—an increase of 71.8 million pounds (33 percent), and $5.3 million (26 percent) compared with 2002. Landings of Atlantic sea herring were 211.7 million pounds valued at $15.5 million—an increase of 75.8 million pounds (56 percent), and $6.4 million (70 percent) compared with 2002.

Landings of Pacific sea herring were 74.3 million pounds valued at $10.4 million—a decrease of 4.1 million pounds (5 percent), and $1.1 million (10 percent) compared with 2002. Alaska landings accounted for 93 percent of the Pacific coast with 69.0 million pounds valued at $8.9 million—a decrease of 874.0 thousand pounds (1 percent), and 209 thousand dollars (2 percent) compared with 2002.



JACK MACKEREL

California accounted for 67 percent, Oregon for 32 percent, and Washington 1 percent of the U.S. landings of jack mackerel in 2003. Total landings were 508,000 pounds valued at $73,000—a decrease of 1.8 million pounds (78 percent), and $134,000 (65 percent) compared with 2002. The 2003 average exvessel price per pound was 14 cents.

MACKEREL, ATLANTIC

U.S. landings of Atlantic mackerel were 68.2 million pounds valued at $7.3 million—an increase of 20.8 million pounds (44 percent) and $1.7 million dollars (30 percent) compared with 2002. New Jersey with 33.1 million pounds and Massachusetts with 23.5 million pounds accounted for 83 percent of the total landings. The average exvessel price per pound was 11 cents in 2003 when compared to 12 cents in 2002.

MACKEREL, CHUB

Landings of chub mackerel were 9.7 million pounds valued at $676,000—an increase of 2.0 million pounds (25 percent) and $180,000 (36 percent) compared with 2002. California accounted for 91 percent of total landings. The average exvessel price per pound was 7 cents, an increase of one cent from 2002.

MENHADEN

The U.S. menhaden landings were 1.6 billion pounds valued at $96.1 million—a decrease of 151.3 million pounds (9 percent) and $9.0 million (9 percent) compared with 2002. Landings decreased by 18.3 million pounds (4 percent) in the Atlantic states, and 132.9 million pounds (10 percent) in the Gulf states compared with 2002. Landings along the Atlantic coast were 448.1 million pounds valued at $26.2 million. Gulf region landings were 1.2 billion pounds valued at $69.8million.

Menhaden are used primarily for the production of meal, oil, and solubles, while small quantities are used for bait.

NORTH ATLANTIC TRAWL FISH

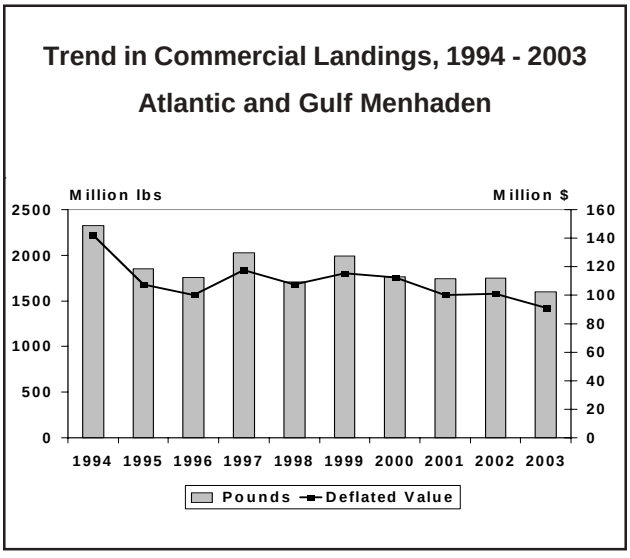
Landings of butterfish, Atlantic cod, cusk, flounders (winter/blackback, summer/fluke, yellowtail and other), haddock, red and white hake, ocean perch, pollock and whiting (silver hake) in the North Atlantic (combination of New England, Middle Atlantic, and Chesapeake Regions) were 130.2 million pounds valued at $125.0 million—a decrease of 3.1 million pounds (2 percent), and $5.4 million (4 percent) compared with 2002. Of these species, flounder led in total value in the North Atlantic, accounting for 48 percent of the total; followed by cod, 22 percent; and haddock, 14 percent.

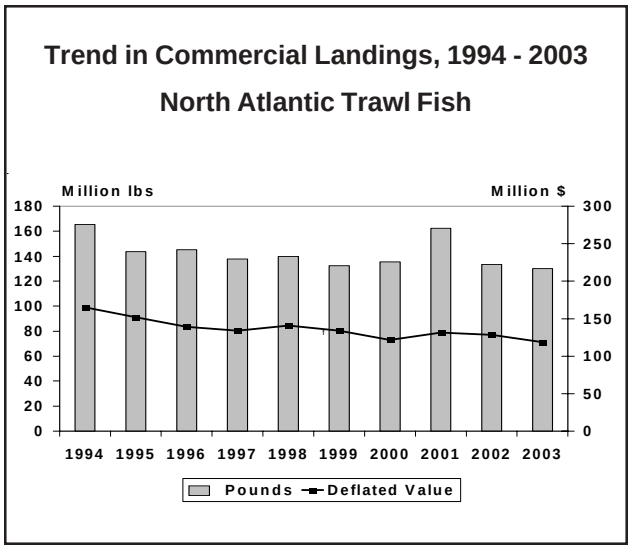
The 2003 landings of Atlantic cod were 23.6 million pounds valued at $27.5 million—a decrease of 5.4 million pounds (19 percent) and $3.2 million (10 percent) compared with 2002. The exvessel price per pound was $1.17 in 2003, up from $1.06 cents per pound in 2002.

Landings of yellowtail flounder were 12.3 million pounds—an increase of 464,000 pounds (4 percent) from 2002, and about 1 percent higher than the 5-year average.

Haddock landings decreased to 15.0 million pounds (10 percent) and $17.0 million (11 percent) compared to 2002.

North Atlantic pollock landings were 10.6 million pounds valued at $5.4 million—an increase of 2.7 million pounds (34 percent), but a decrease in value $802,000 (13 percent) compared with 2002.





PACIFIC SALMON

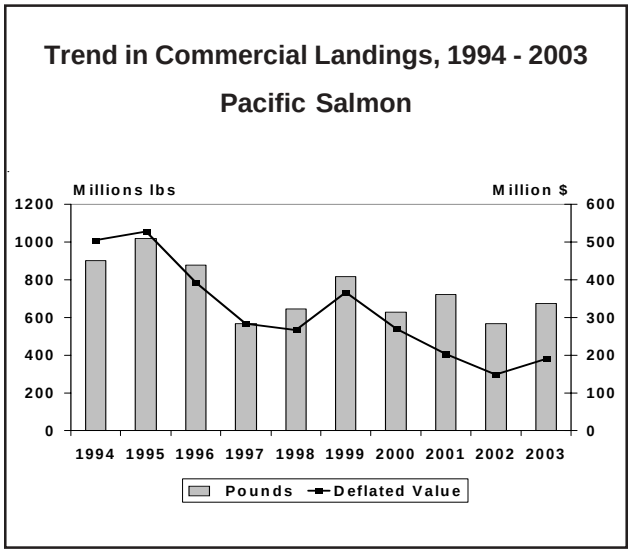
U.S. commercial landings of salmon were 674.1 million pounds valued at $200.8 million—an increase of 106.9 million pounds (19 percent) and $45.8 million (30 percent) compared with 2002. Alaska accounted for 94 percent of total landings; Washington, 4 percent; California, Oregon, and the Great Lakes accounted for 2 percent of the catch. Sockeye salmon landings were 184.5 million pounds valued at $109.9 million—an increase of 48.6 million pounds (36 percent) and $32.6 million (42 percent) compared with 2002. Chinook salmon landings increased to 27.6 million pounds—up 2.5 million pounds (10 percent) from 2002. Pink salmon landings were 334.1 million pounds—an increase of 78.3 million (31 percent); chum salmon landings were 95.5 million—a decrease of 16.3 million (15 percent); and coho salmon decreased to 32.3 million—a decrease of 6.2 million pounds (16 percent) compared with 2002.

Alaska landings were 630.5 million pounds valued at $168.1 million—an increase of 107.5 million pounds (21 percent) and $38.2 million (29 percent) compared with 2002. The distribution of Alaska salmon landings by species in 2003 was: pink, 329.1 million pounds (52 percent); sockeye, 182.8 million pounds (29 percent); chum, 82.1 million pounds (13 percent); coho, 26.6 million pounds (4 percent); and chinook, 10.0 million pounds (2 percent). The average price per pound for all species in Alaska was 27 cents in 2003—an increase of 2 cents from 2002.

Washington salmon landings were 29.4 million pounds valued at $11.8 million—a decrease of 2.8 million pounds (9 percent), but an increase in value $1.1 million (11 percent) compared with 2002. The biennial fishery for pink salmon went from 1,000 pounds in 2002 to 5.0 million pounds in 2003. Washington landings of chum salmon were 13.4 million pounds (down 31 percent); followed by chinook salmon, 5.2 million pounds (down 4 percent); coho 4.0 million pounds (down 3 percent); and sockeye 1.8 million pounds (down 43 percent). The average exvessel price per pound for all species in Washington increased from 33 cents in 2002 to 40 cents in 2003.

Oregon salmon landings were 6.7 million pounds valued at $8.8 million—an increase of 542,000 pounds (9 percent) and $1.9 million (27 percent) compared with 2002. Chinook salmon landings were 5.1 million pounds valued at $8.0 million; coho landings were 1.6 million pounds valued at $808,000; chum and pink salmon landings were less than 500 pounds and had a value of less than $500; no sockeye salmon landings were reported for 2003. The average exvessel price per pound for chinook salmon in Oregon increased from $1.32 in 2002 to $1.57 in 2003.

California salmon landings were 7.3 million pounds valued at $12.1 million — an increase of 1.8 million pounds (32 percent) and $4.7 million (63 percent) compared with 2002. Chinook salmon were the principal species landed in the state. The average exvessel price per pound paid to fishermen in 2003 was $1.66 compared with $1.34 in 2002.



SABLEFISH

U.S. commercial landings of sablefish were 47.9 million pounds valued at $100.1 million—an increase of 6.9 million pounds (17 percent) and $21.9 million (28 percent) compared with 2002. Landings increased in Alaska to 35.7 million pounds–an increase of 11 percent compared with 2002. Landings increased in Washington to 3.8 million pounds (up 45 percent) and in value to $6.7 million (up 52 percent). The 2003 Oregon catch was 4.8 million pounds (up 50 percent), and $7.4 million (up 64 percent) compared with 2002. California landings of 3.6 million pounds and $4.7 million represent a 24 percent increase in quantity and a 32 percent increase in value from 2002. The average exvessel price per pound in 2003 was $2.09 compared with $1.91 in 2002.

TUNA

Landings of tuna by U.S. fishermen at ports in United States, American Samoa, other U.S. territories, and foreign ports were 249.5 million pounds valued at $162.4 million—a decrease of 91.4 million pounds (27 percent), and $37.9 million (19 percent) compared with 2002. The average exvessel price per pound of all species of tuna in 2003 was 65 cents compared with 59 cents in 2002.

Bigeye landings in 2003 were 20.8 million pounds—a decrease of 6.8 million pounds (25 percent) compared with 2002. The average exvessel price per pound was $1.72 in 2003, compared to $1.40 in 2002.

Skipjack landings were 134.5 million pounds—a decrease of 63.9 million pounds (32 percent) compared with 2002. The average exvessel price per pound was 32 cents in 2003, compared to 33 cents in 2002.

Yellowfin landings were 52.4 million pounds—a decrease of 20.0 million pounds (28 percent) compared with 2002. The average exvessel price per pound was 89 cents in 2003 compared with 72 cents in 2002.

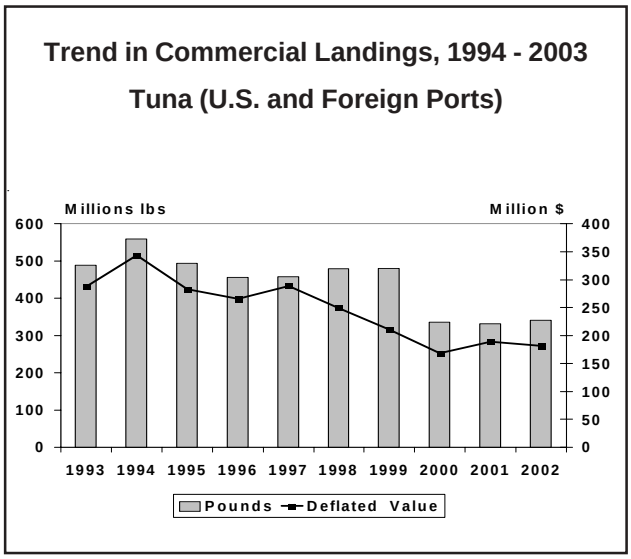
Bluefin landings were 2.2 million pounds—a decrease of 575,000 pounds (21 percent) compared with 2003. The average exvessel price per pound in 2003 was $4.61 compared with $5.66 in 2002.

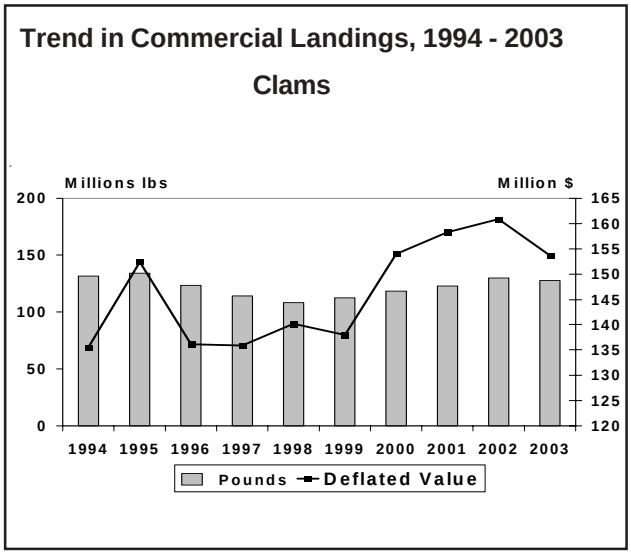
CLAMS

Landings of all species yielded 127.8 million pounds of meats valued at $162.3 million—a decrease of 2.3 million pounds (2 percent), and $4.9 million (3 percent) in value compared with 2002. The average exvessel price per pound in 2003 was $1.27 compared with $1.29 in 2002.

Surf clams yielded 69.5 million pounds of meats valued at $39.5 million—a decrease of 2.5 million pounds (3 percent) and $274,000 (1 percent) compared with 2002. New Jersey was the leading state with 51.3 million pounds (down 4 percent), followed by New York, 13.3 million pounds (up 55 percent); and Maryland, 3.1 million pounds (down 53 percent) compared with 2002. The average exvessel price per pound of meats was 57 cents in 2003, up 2 cents from 2002.

The ocean quahog fishery produced 41.9 million pounds of meats valued at $26.0 million—an increase of 1.9 million pounds (5 percent) and $539,000 (2 percent) compared with 2002. New Jersey had landings of 20.3 million pounds (down less than 1 percent) valued at $10.6 million (down less than 1 percent) while Massachusetts production was 14.2 million pounds (up 15 percent) valued at $7.3 million (up 10 percent). Together, New Jersey and Massachusetts accounted for 83 percent of total ocean quahog production in 2003. The average exvessel price per pound of meats decreased from 64 cents in 2002 to 62 cents in 2003.





The hard clam fishery produced 10.0 million pounds of meats valued at $46.3 million—a decrease of 1.5 million pounds (13 percent) and $4.0 million (8 percent) compared with 2002. Landings in the New England region were 5.2 million pounds of meats (down 15 percent); Middle Atlantic, 3.0 million pounds (down 7 percent); Chesapeake, 357,000 pounds (down 48 percent); and the South Atlantic region, 1.5 million pounds (up 2 percent). The average exvessel price per pound of meats increased from $4.26 in 2002 to $4.65 in 2003.

Soft clams yielded 3.1 million pounds of meats valued at $17.8 million—a decrease of 69,000 pounds (2 percent), but an increase in value 975,000 (6 percent) compared with 2002. Maine was the leading state with 2.4 million pounds of meats (down 5 percent), followed by New York with 163,000 pounds (up 24 percent), Rhode Island with 106,000 pounds (up 94 percent), and Maryland with 34,000 pounds (down 84 percent). The average exvessel price per pound of meats was $5.76 in 2003, compared with $5.32 in 2002.

CRABS

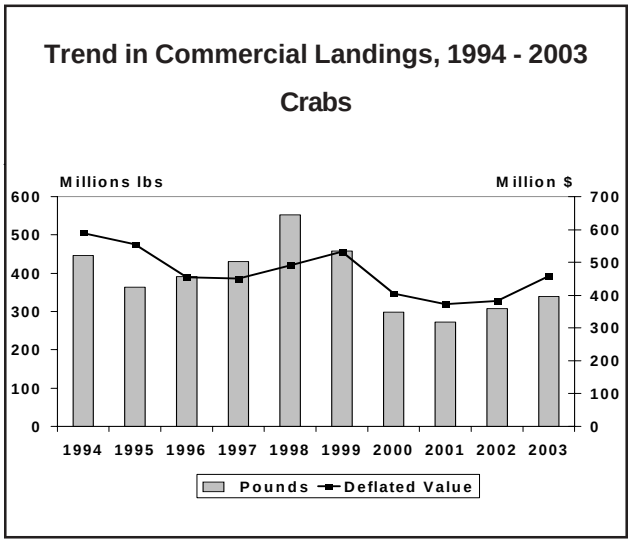
Landings of all species of crabs were 338.9 million pounds valued at $483.6 million—an increase of 31.3 million pounds (10 percent), and $85.9 million (22 percent) compared with 2002.

Hard blue crab landings were 172.5 million pounds valued at $137.1 million—an increase of 272,000 pounds (less than 1 percent), and $7.4 million (6 percent) compared with 2002. Louisiana landed 28 percent of the total U.S. landings followed by: North Carolina, 24 percent; Maryland, 15 percent; and Virginia, 12 percent. Hard blue crab landings in the Chesapeake region were 46.1 million pounds—a decrease of 9 percent; the South Atlantic with 56.8 million pounds increased 26 percent; and the Gulf region with 63.0 million pounds decreased 7 percent. The Middle Atlantic region with 6.5 million pounds valued at $6.6 million had a decrease of 2.5 million pounds (28 percent) compared with 2002. The average exvessel price per pound of hard blue crabs was 79 cents in 2003, compared with 75 cents in 2002.

Dungeness crab landings were 84.0 million pounds valued at $133.4 million—an increase of 35.0 million pounds (72 percent) and $53.4 million (67 percent) compared with 2002. Washington landings of 33.8 million pounds (up 58 percent) led all states with 40 percent of the total landings. Oregon landings were 23.5 million pounds (up 89 percent) or 28 percent of the total landings. California landings were 21.5 million pounds (up 196 percent) and Alaska landings were 5.2 million pounds (down 33 percent) compared with 2002. The average exvessel price per pound was $1.59 in 2003 compared with $1.64 in 2002.

U.S. landings of king crab were 22.9 million pounds valued at $105.5 million—an increase of 6.1 million pounds (36 percent), and $20.7 million (24 percent) compared with 2002. The average exvessel price per pound in 2003 was $4.61 compared with $5.05 in 2002.

Snow crab landings were 27.5 million pounds valued at $50.4 million—a decrease of 4.4 million pounds (14 percent), but an increase in value of $6.4 million (15 percent) compared with 2002. The average exvessel price per pound was $1.83 cents in 2003, up from $1.38 in 2002.



LOBSTER, AMERICAN

American lobster landings were 71.7 million pounds valued at $284.8 million—a decrease of 10.5 million pounds (13 percent) and $8.5 million (3 percent) compared with 2002. Maine led in landings for the 22st consecutive year with 54.0 million pounds valued at $202.0 million—a decrease of 6.8 million pounds (11 percent) compared with 2002. Massachusetts, the second leading producer, had landings of 11.1 million pounds valued at $51.5 million—a decrease of 1.7 million pounds (14 percent) compared with 2002. Together, Maine and Massachusetts produced 91 percent of the total national landings. The average exvessel price per pound was $3.97 in 2003, compared with $3.57 in 2002.

LOBSTERS, SPINY

U.S. landings of spiny lobster were 4.8 million pounds valued at $23.2 million–a decrease of 359,000 pounds (7 percent) and $2.4 million (9 percent) compared with 2002. Florida, with landings of 4.2 million pounds valued at $18.4 million, accounted for 86 percent of the total catch and 79 percent of the value. This was a decrease of 352,000 pounds (8 percent), and $2.6 million (12 percent) compared with 2002. Overall the average exvessel price per pound was $4.80 in 2003 compared with $4.93 in 2002.

OYSTERS

U.S. oyster landings yielded 37.0 million pounds of meats valued at $103.0 million—an increase of 2.6 million pounds (8 percent) and $14.0 million (16 percent) compared with 2002. The Gulf region led in production with 29.2 million pounds of meats, 72 percent of the national total; followed by the Pacific region with 7.8 million pounds (21 percent), principally Washington, with 5.8 million pounds (74 percent of the region's total volume); and the Middle Atlantic region with 1.3 million pounds (3 percent). The average exvessel price per pound of meats was $2.78 in 2003 compared with $2.59 in 2002.

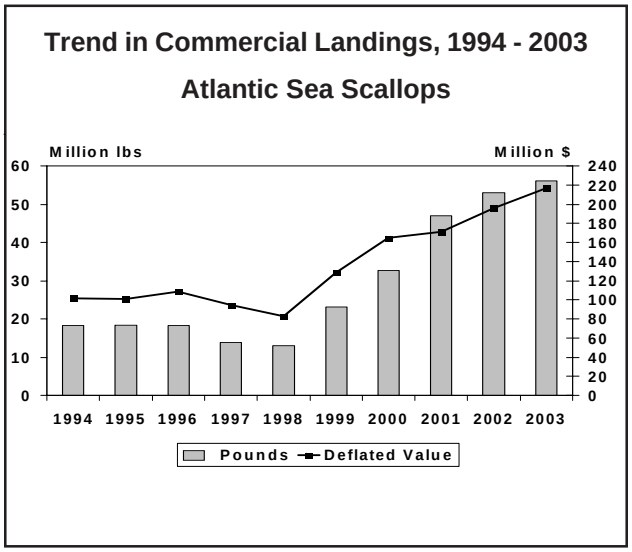
SCALLOPS

U.S. landings of bay and sea scallops totaled 56.0 million pounds of meats valued at $229.2 million—an increase of 3.0 million pounds (6 percent) and $25.4 million (12 percent) compared with 2002. The average exvessel price per pound of meats increased from $3.84 in 2002 to $4.09 in 2003.

Bay scallop landings were 18,000 pounds of meats valued at $100,000—a decrease of 4,000 pounds (18 percent) and $31,000 (24 percent) compared with 2002. The average exvessel price per pound of meats was $5.56 in 2003 compared with $5.95 in 2002.

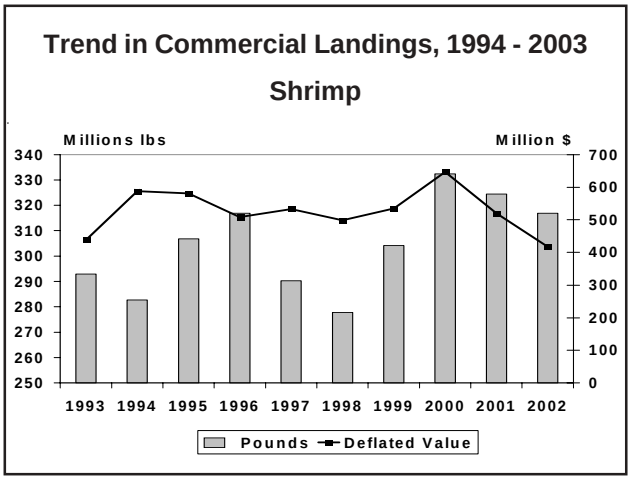
Calico scallop landings in 2003 were confidential and cannot be publically released.

Sea scallop landings were 56.0 million pounds of meats valued at $229.1million—an increase of 3.0 million pounds (6 percent) and $25.4 million (12 percent) compared with 2002. Massachusetts and Virginia were the leading states in landings of sea scallops with 25.4 and 17.5 million pounds of meats, respectively, representing 77 percent of the national total. The average exvessel price per pound of meats in 2003 was $4.09 compared with $3.84 in 2002.



SHRIMP

U.S. landings of shrimp were 313.6 million pounds valued at 424.0 million—a decrease of 3.2 million pounds (1 percent) and $36.9 million (8 percent) in value compared with 2002. Shrimp landings by region were: New England up 141 percent; South Atlantic down 16 percent; Gulf up 11 percent; and Pacific down 43 percent. The average exvessel price per pound of shrimp decreased to $1.35 in 2003 compared with $1.45 in 2002. Gulf region landings were the nation's largest with 254.8 million pounds and 81 percent of the national total. Louisiana led all Gulf states with 125.6 million pounds (up 18 percent); followed by Texas, 79.2 million pounds



(up 6 percent); Mississippi, 17.2 million pounds (up 8 percent); Florida (West Coast), 17.0 million pounds (down 7 percent); and Alabama, 15.9 million pounds (up 9 percent). In the Pacific region, Oregon had landings of 20.6 million pounds (down 51 percent); Washington had landings of 8.7 million pounds (down 21 percent); and California had 3.0 million pounds (down 42 percent); compared with 2002.

SQUID

U.S. commercial landings of squid were 129.0 million pounds valued at $47.4 million—a decrease of 76.6 million pounds (37 percent) but an increase of $3.9 million (9 percent) compared with 2002. California was the leading state with 86.7 million pounds (67 percent) and was followed by Rhode Island with 25.9 million pounds (20 percent of the national total). The Pacific region landings were 88.3 million pounds (down 46 percent); followed by New England, 29.4 million (up 5 percent); Middle Atlantic, 10.3 million pounds (down 30 percent); South Atlantic, 756,000 pounds (up 318 percent); and the Chesapeake region with 171,000 pounds (down 63 percent) compared with 2002. The average exvessel price per pound for squid was 37 cents in 2003 compared with 21 cents in 2002.

U.S. DOMESTIC LANDINGS, BY SPECIES, 2002 AND 2003 (1)

Species	2002			2003			Average (1998-2002)
Fish	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds
Alewife	2,059	934	362	731	332	267	1,417
Anchovies	10,762	4,882	623	4,012	1,820	327	18,742
Atka mackerel	83,244	37,759	2,525	99,542	45,152	3,022	106,907
Bluefish	6,973	3,163	2,394	7,507	3,405	2,476	7,911
Blue runner	377	171	201	411	186	208	404
Bonito	121	55	81	109	49	88	683
Butterfish	3,363	1,525	1,431	2,840	1,288	1,097	6,151
Catfish and bullheads	13,887	6,299	7,927	11,521	5,226	4,942	15,799
Chubs	1,813	822	1,969	2,058	934	1,989	2,713
Cod:							
Atlantic	28,941	13,128	30,715	23,586	10,699	27,494	26,634
Pacific	512,827	232,617	96,206	567,544	257,436	159,619	519,004
Crevalle (jack)	486	220	297	647	293	441	689
Croaker:							
Atlantic	25,932	11,763	7,843	28,598	12,972	9,068	26,729
Pacific (white)	214	97	186	180	82	152	210
Cusk	330	150	203	229	104	129	486
Dolphinfish	2,226	1,010	3,745	2,165	982	4,170	1,304
Eels, American	610	277	668	1,020	463	1,454	1,001
Flatfish:							
Atlantic and Gulf							
American plaice	7,540	3,420	8,623	5,357	2,430	6,298	8,313
Summer flounder	14,253	6,465	21,618	14,229	6,454	22,335	11,635
Winter flounder	12,984	5,890	13,955	12,986	5,890	12,532	12,519
Witch flounder	7,031	3,189	8,567	6,888	3,124	9,276	5,567
Yellowtail flounder	11,805	5,355	13,250	12,269	5,565	14,150	12,202
Other	4,566	2,071	7,241	3,061	1,388	4,622	4,798
Total, Atlantic/Gulf	58,179	26,390	73,254	54,790	24,853	69,213	55,034
Pacific							
Arrowtooth flounder	36,572	16,589	1,070	43,154	19,575	1,590	30,844
Dover sole	14,668	6,653	5,127	17,219	7,810	6,012	19,426
Flathead sole	29,043	13,174	981	27,440	12,447	967	34,716
Petrale sole	3,953	1,793	3,622	4,412	2,001	4,392	3,717
Rock sole	64,530	29,271	4,837	51,786	23,490	3,843	49,997
Yellowfin sole	140,269	63,626	5,823	151,732	68,825	1,962	143,671
Other	25,483	11,559	7,656	14,027	6,363	6,448	34,631
Total, Pacific	314,518	142,664	29,116	309,770	140,511	25,214	317,002
Halibut	82,044	37,215	135,603	79,515	36,068	172,191	77,761
Total, flatfish	**454,741**	**206,269**	**237,973**	**444,075**	**201,431**	**266,618**	**449,797**
Goosefish (monkfish)	50,471	22,893	37,536	57,449	26,059	38,788	52,191
Groupers	13,450	6,101	28,453	12,801	5,806	28,947	12,479
Haddock	16,652	7,553	19,080	14,957	6,784	16,958	10,302
Hakes:							
Pacific (whiting)	285,714	129,599	13,584	309,363	140,326	17,153	419,489
Red	2,007	910	671	1,780	807	557	3,113
Silver (Atl.whiting)	17,622	7,993	7,454	19,019	8,627	9,316	27,385
White	7,220	3,275	4,573	9,782	4,437	4,637	6,520
Herring:							
Sea:							
Atlantic	135,871	61,631	9,106	211,713	96,032	15,496	172,106
Pacific	78,408	35,566	11,534	74,337	33,719	10,424	85,579

See notes at end of table.

(Continued)

U.S. DOMESTIC LANDINGS, BY SPECIES, 2002 AND 2003 (1) - Continued

Species	2002			2003			Average (1998-2002)
Fish - Continued:	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds
Thread	5,747	2,607	399	2,005	909	270	4,879
Jack mackerel	2,262	1,026	207	508	230	73	3,907
Lingcod	556	252	555	406	184	430	838
Mackerels:							
Atlantic	47,409	21,505	5,625	68,169	30,921	7,326	28,233
Chub	7,706	3,495	496	9,658	4,381	676	26,999
King and cero	4,471	2,028	6,291	5,190	2,354	6,528	4,956
Spanish	3,473	1,575	2,152	5,013	2,274	2,787	3,510
Menhaden:							
Atlantic	466,437	211,574	26,945	448,113	203,263	26,238	513,375
Gulf	1,284,172	582,497	78,157	1,151,231	522,195	69,842	1,276,084
Total, menhaden	**1,750,609**	**794,071**	**105,102**	**1,599,344**	**725,458**	**96,080**	**1,789,459**
Mullets	15,609	7,080	9,971	16,097	7,302	12,506	17,591
Pollock:							
Atlantic	7,894	3,581	6,200	10,568	4,794	5,398	9,660
Walleye (Alaska)	3,341,105	1,515,515	203,696	3,361,802	1,524,903	203,183	2,833,932
Rockfishes:							
Ocean perch:							
Atlantic (redfish)	811	368	487	801	363	412	758
Pacific	45,390	20,589	4,613	47,249	21,432	1,528	41,995
Other	36,039	16,347	17,811	35,498	16,102	15,610	52,654
Total, rockfishes	**82,240**	**37,304**	**22,911**	**83,548**	**37,897**	**17,550**	**95,407**
Sablefish	40,908	18,556	78,281	47,854	21,706	100,131	45,276
Salmon:							
Chinook	25,153	11,409	28,357	27,631	12,533	32,749	17,869
Chum	111,752	50,690	18,439	95,455	43,298	18,097	133,025
Coho	38,526	17,475	13,317	32,346	14,672	15,313	35,192
Pink	255,827	116,042	17,588	334,142	151,566	24,767	312,048
Sockeye	135,921	61,653	77,309	184,522	83,699	109,912	177,461
Total, salmon	**567,179**	**257,271**	**155,010**	**674,096**	**305,768**	**200,838**	**675,595**
Sardines:							
Pacific	214,408	97,255	10,621	157,903	71,624	7,354	151,407
Spanish	1,440	653	224	1,590	721	236	1,286
Scup or porgy	7,749	3,515	5,263	10,421	4,727	6,430	4,819
Sea bass:							
Black (Atlantic)	4,204	1,907	6,877	3,681	1,670	6,835	3,677
White (Pacific)	428	194	708	476	216	754	266
Sea trout or weakfish:							
Gray	4,765	2,161	3,064	2,001	908	1,494	6,102
Spotted	374	170	591	301	137	452	547
Sand (white)	145	66	86	111	50	68	152
Shads:							
American	1,855	841	1,031	2,075	941	1,187	3,083
Hickory	94	43	32	89	40	16	129
Sharks:							
Dogfish	8,513	3,861	1,913	5,528	2,507	1,172	25,144
Other	8,959	4,064	6,312	9,246	4,194	6,485	11,832
Sheephead (Atlantic)	2,449	1,111	832	2,420	1,098	901	2,823
Skates	35,604	16,150	4,126	63,207	28,671	7,508	33,215
Smelts	1,722	781	884	2,034	923	1,037	1,683

See notes at end of table.

(Continued)

U.S. DOMESTIC LANDINGS, BY SPECIES, 2002 AND 2003 (1) - Continued

Species	2002			2003			Average (1998-2002)
Fish - Continued:	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds
Snappers:							
Red	4,522	2,051	10,196	2,836	1,286	6,844	4,727
Vermilion	2,161	980	4,517	997	452	2,219	1,835
Unclassified	3,930	1,783	8,579	6,711	3,044	14,476	3,753
Spearfish	1,813	822	2,288	2,849	1,292	2,253	681
Spot	5,485	2,488	2,298	5,889	2,671	2,733	6,472
Striped bass	6,314	2,864	11,057	7,086	3,214	12,713	6,613
Swordfish	8,642	3,920	17,106	9,437	4,281	18,186	13,394
Tenpounder (ladyfish)	1,445	655	1,022	1,601	726	921	1,843
Tilefish	3,133	1,421	5,404	3,462	1,570	5,116	2,943
Trout, rainbow	321	146	153	318	144	199	420
Tuna:							
Albacore	23,927	10,853	16,274	38,089	17,277	26,011	26,619
Bigeye	11,379	5,161	30,702	8,764	3,975	27,186	8,606
Bluefin	2,693	1,222	15,495	2,188	992	10,095	3,672
Little tunny	919	417	207	1,458	661	447	797
Skipjack	1,470	667	1,334	2,107	956	1,497	6,199
Yellowfin	8,828	4,004	19,888	9,147	4,149	21,449	12,770
Unclassified	142	64	216	159	72	249	358
Total, tuna	**49,358**	**22,389**	**84,116**	**61,912**	**28,083**	**86,934**	**59,021**
Whitefish, lake	9,344	4,238	8,273	8,065	3,658	6,048	11,002
Wolffish, Atlantic	341	155	174	284	129	139	511
Yellow perch	1,512	686	3,287	1,714	777	2,914	1,317
Other marine finfishes	45,718	20,738	28,207	63,267	28,698	30,960	50,596
Other freshwater finfishes	19,750	8,959	5,915	18,629	8,450	5,325	17,127
Total, fish	**8,089,987**	**3,669,594**	**1,359,392**	**8,248,374**	**3,741,438**	**1,519,522**	**--**
Shellfish							
Crustaceans:							
Crabs:							
Blue: Hard	172,186	78,103	129,630	172,458	78,226	137,050	182,977
Soft and peeler	5,518	2,503	18,383	5,160	2,341	19,280	6,445
Dungeness	48,908	22,185	79,966	83,952	38,080	133,375	38,544
Jonah	2,626	1,191	1,522	3,211	1,457	1,630	2,801
King	16,793	7,617	84,756	22,886	10,381	105,455	17,798
Snow (Tanner):							
Opilio	31,936	14,486	43,977	27,511	12,479	50,424	104,336
Bairdi	1,302	591	2,467	1,307	593	2,856	1,986
Other	28,332	12,851	36,994	22,369	153,703	33,516	23,086
Total, crabs	**307,601**	**139,527**	**397,695**	**338,854**	**153,703**	**483,586**	**377,973**
Crawfish (freshwater)	15,707	7,125	8,194	8,263	3,748	4,869	12,091
Lobsters:							
American	82,252	37,309	293,329	71,735	32,539	284,814	80,789
Spiny	5,188	2,353	25,596	4,829	2,190	23,191	5,613
Shrimp:							
New England	1,015	460	1,193	2,451	1,112	2,222	4,202
South Atlantic	26,418	11,983	56,404	22,149	10,047	44,023	27,177
Gulf	229,476	104,090	378,475	254,777	115,566	362,471	241,752
Pacific	59,878	27,160	24,803	34,249	15,535	15,302	37,950
Other	(2)	(2)	3	2	1	9	35
Total, shrimp	**316,787**	**143,694**	**460,878**	**313,628**	**142,261**	**424,027**	**311,116**
Total, crustaceans	**727,535**	**330,008**	**1,185,692**	**737,309**	**334,441**	**1,220,487**	**--**

See notes at end of table. (Continued)

U.S. DOMESTIC LANDINGS, BY SPECIES, 2002 AND 2003 (1) - Continued

Species	2002			2003			Average (1998-2002)
Shellfish - Continued	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds
Mollusks:							
Clams:							
Quahog (hard)	11,431	5,185	50,289	9,968	4,521	46,303	10,026
Geoduck (Pacific)	1,900	862	22,480	1,949	884	20,849	1,554
Manila (Pacific)	863	391	10,480	774	351	10,980	850
Ocean quahog	40,001	18,144	25,491	41,881	18,997	26,030	37,888
Softshell	3,161	1,434	16,828	3,092	1,403	17,803	2,972
Surf (Atlantic)	71,992	32,655	39,768	69,512	31,530	39,494	64,453
Other	728	330	1,879	618	280	835	559
Total, clams	**130,076**	**59,002**	**167,215**	**127,794**	**57,967**	**162,294**	**118,302**
Conch (snails)	2,163	981	3,467	2,582	1,171	3,914	2,463
Mussels, blue (sea)	4,846	2,198	5,767	4,481	2,033	6,092	3,276
Oysters	34,397	15,602	89,071	37,046	16,804	103,045	33,748
Scallops:							
Bay	22	10	131	18	8	100	39
Calico, Atlantic	(3)	(3)	(3)	(3)	(3)	(3)	(3)
Sea	53,056	24,066	203,707	56,018	25,410	229,140	33,771
Squid:							
Atlantic:							
Illex	6,062	2,750	1,445	14,256	6,466	4,246	20,203
Loligo	36,782	16,684	23,529	26,299	11,929	19,901	37,683
Unclassified	544	247	285	179	81	120	391
Pacific:							
Loligo	160,668	72,879	18,260	86,707	39,330	23,058	163,048
Unclassified	1,477	670	27	1,522	690	79	998
Total, Squid	**205,533**	**93,229**	**43,546**	**128,963**	**58,497**	**47,404**	**222,381**
Total, mollusks	**430,093**	**195,089**	**512,904**	**356,902**	**161,890**	**551,989**	**--**
Other shellfish	17,903	8,121	7,107	34,255	15,538	24,938	14,169
Total, Shellfish	**1,175,531**	**533,217**	**1,705,703**	**1,128,466**	**511,869**	**1,797,414**	**--**
Other							
Horseshoe crab	3,059	1,388	723	2,623	1,190	697	4,423
Sea urchins	23,428	10,627	17,738	17,045	7,732	16,511	29,077
Seaweed, unclassified	103,909	47,133	122	107,797	48,896	270	101,757
Kelp (with herring eggs)	132	60	681	141	64	464	246
Worms	1,118	507	7,959	1,002	455	7,306	808
Total, other	**131,646**	**59,714**	**27,223**	**128,608**	**58,336**	**25,248**	**--**
Grand Total, U.S.	**9,397,164**	**4,262,526**	**3,092,318**	**9,505,448**	**4,311,643**	**3,342,184**	--

(1) Landings are reported in round (live) weight for all items except univalve and bivalve mollusks such as clams, oysters, and scallops, which are reported in weight of meats (excluding the shell). Landings for Missisippi River drainage are not available.
(2) Less than .5 metric ton, 500 pounds, or 500 dollars.
(3) Data are confidential and included with unclassified shellfish.

Note:—Data are preliminary. Totals may not add due to rounding. Total U.S. Domestic landings include Alaska pollock, Pacific whiting and other Pacific groundfish that are caught in the U.S. EEZ off Washington, Oregon and Alaska and processed at-sea aboard U.S. vessels. Data do not include landings by U.S.-flag vessels at Puerto Rico or other ports outside the 50 States. Data do not include aquaculture products, except oysters and clams.

U.S. Commercial Landings

DISPOSITION OF U.S. DOMESTIC LANDINGS, 2002 AND 2003

End Use	2002		2003	
	Million pounds	Percent	Million pounds	Percent
Fresh and frozen:				
For human food	6,490	69.1	6,924	72.8
For bait and animal food	336	3.6	340	3.6
Total	**6,826**	**72.6**	**7,264**	**76.4**
Canned:				
For human food	597	6.4	477	5.0
For bait and animal food	55	0.6	21	0.2
Total	**652**	**6.9**	**498**	**5.2**
Cured for human food	117	1.2	119	1.3
Reduction to meal, oil, other	1,802	19.2	1,624	17.1
Grand total	**9,397**	**100.0**	**9,505**	**100.0**

NOTE:--Data are preliminary. Table may not add due to rounding.

DISPOSITION OF U.S. DOMESTIC LANDINGS, BY MONTH, 2003

Month	Landings for human food		Landings for industrial purposes (1)		Total	
	Million pounds	Percent	Million pounds	Percent	Million pounds	Percent
January	523	7.0	48	2.4	570	6.0
February	887	11.8	16	0.8	904	9.5
March	828	11.0	19	1.0	847	8.9
April	242	3.2	65	3.3	307	3.2
May	326	4.3	257	12.9	583	6.1
June	623	8.3	315	15.9	938	9.9
July	1,267	16.8	266	13.4	1,533	16.1
August	1,193	15.9	385	19.4	1,578	16.6
September	841	11.2	269	13.5	1,110	11.7
October	409	5.4	222	11.2	632	6.6
November	213	2.8	76	3.8	288	3.0
December	168	2.2	49	2.5	217	2.3
Total	**7,519**	**100.0**	**1,986**	**100.0**	**9,505**	**100.0**

(1) Processed into meal, oil, solubles, and shell products, or used as bait and animal food.

U.S. COMMERCIAL LANDINGS OF FISH AND SHELLFISH, 1994-2003 (1)

Year	Landings for human food		Landings for industrial purposes (2)		Total	
	Million pounds	Million dollars	Million pounds	Million dollars	Million pounds	Million dollars
1994	7,936	3,714	2,525	95	10,461	3,807
1995	7,667	3,625	2,121	145	9,788	3,770
1996	7,474	3,355	2,091	132	9,565	3,487
1997	7,244	3,285	2,598	163	9,842	3,447
1998	7,173	3,009	2,021	119	9,194	3,128
1999	6,832	3,265	2,507	202	9,339	3,464
2000	6,912	3,398	2,157	152	9,069	3,550
2001	7,311	3,064	2,178	154	9,489	3,218
2002	7,205	2,940	2,192	152	9,397	3,092
2003	7,519	3,185	1,986	157	9,505	3,342

(1) Statistics on landings are shown in round weight for all items except univalve and bivalve mollusks such as clams, oysters, and scallops, which are shown in weight of meats (excluding the shell).
(2) Processed into meal, oil, solubles, and shell products, or used as bait or animal food.
*Record. Record—For industrial purposes 1983, 3,201 million lb.
NOTE:—Data are preliminary. Data do not include landings outside the 50 States or products of aquaculture, except oysters and clams.

U.S. Commercial Landings

U.S. DOMESTIC LANDINGS, BY REGION AND BY STATE, 2002 AND 2003 (1)

Regions and States	2002		2003		Record Landings	
	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars	Year	Thousand pounds
New England:	**583,915**	**685,428**	**666,179**	**683,395**	-	-
Maine	197,057	279,396	232,284	283,802	1950	356,266
New Hampshire	23,201	16,691	27,410	15,125	-	(2)
Massachusetts	243,824	297,312	294,477	291,596	1948	649,696
Rhode Island	103,656	64,250	95,727	63,054	1957	142,080
Connecticut	16,177	27,779	16,281	29,818	1930	88,012
Middle Atlantic:	**206,697**	**170,134**	**214,454**	**177,404**	-	-
New York	38,665	51,334	39,409	51,628	1880	335,000
New Jersey	162,175	112,733	170,017	120,556	1956	540,060
Delaware	5,857	6,067	5,018	5,204	1953	367,500
Pennsylvania	-	-	10	16		
Chesapeake:	**495,675**	**172,320**	**496,178**	**179,701**	-	-
Maryland	53,185	49,013	49,350	49,038	1890	141,607
Virginia	442,490	123,307	446,828	130,663	1990	786,794
South Atlantic:	**214,799**	**173,429**	**203,566**	**161,445**	-	-
North Carolina	159,557	98,723	139,215	82,960	1981	432,006
South Carolina	13,458	20,760	22,043	29,075	1965	26,611
Georgia	9,563	15,068	7,453	13,510	1927	47,607
Florida, East Coast	32,221	38,878	34,855	35,900	-	(2)
Gulf:	**1,716,140**	**692,717**	**1,600,481**	**683,276**	-	-
Florida, West Coast	78,975	138,968	76,448	135,912	-	(2)
Alabama	23,380	35,102	25,344	39,521	1973	36,744
Mississippi	217,053	46,093	213,116	45,508	1984	476,997
Louisiana	1,308,531	305,534	1,189,448	294,011	1984	1,931,027
Texas	88,201	167,020	96,125	168,324	1960	237,684
Pacific Coast:	**6,138,249**	**1,130,633**	**6,277,566**	**1,375,763**	-	-
Alaska	5,066,263	811,545	5,305,960	989,781	1993	5,905,638
Washington	362,049	142,521	379,732	170,158	1994	527,804
Oregon	211,183	68,431	225,528	85,549	1997	273,503
California	498,754	108,136	366,346	130,275	1936	1,760,193
Great Lakes:	**17,848**	**15,544**	**17,471**	**13,174**	-	-
Illinois	-	-	-	-	-	(2)
Michigan	9,459	7,362	8,690	5,702	1930	35,580
Minnesota	449	180	435	228	-	(2)
New York	47	81	43	50	-	
Ohio	3,427	3,093	3,994	3,037	1936	31,083
Pennsylvania	15	37	11	23	-	(2)
Wisconsin	4,451	4,791	4,298	4,134	-	(2)
Hawaii	**23,841**	**52,113**	**23,556**	**52,433**	1999	36,907
Utah	-	-	5,997	15,593	-	(2)
Total, United States	**9,397,164**	**3,092,318**	**9,505,448**	**3,342,184**	---	---

(1) Landings are reported in round (live) weight for all items except univalve and bivalve mollusks such as clams, oysters, scallops, which are reported in weight of meats (excluding the shell). Landings for Mississippi River drainage area States are not available.
2) Data not available.
NOTE:—Data are preliminary. Landings of Alaska pollock, Pacific whiting, and other Pacific groundfish that are caught in waters off Washington, Oregon and Alaska and are processed at-sea aboard U.S. vessels are credited to the State nearest to the area of capture. Totals may not add due to roundings. Data do not include landings by U.S.-flag vessels at Puerto Rico and other ports outside the 50 States. Therefore, they will not agree with "U.S. Commercial Landings" beginning on page 8. Data do not include aquaculture products, except oysters and clams.

COMMERCIAL FISHERY LANDINGS AND VALUE AT MAJOR U.S. PORTS, 2002-2003

Port	Quantity		Port	Value	
	2002	2003		2002	2003
	Million pounds			Million dollars	
Dutch Harbor-Unalaska, AK	908.1	908.7	New Bedford, MA	168.6	176.2
Empire-Venice, LA	398.9	400.0	Dutch Harbor-Unalaska, AK	136.1	156.9
Reedville, VA	367.4	375.3	Kodiak, AK	63.3	81.5
Intracoastal City, LA	358.5	325.2	Hampton Roads Area, VA	69.5	79.6
Kodiak, AK	250.4	262.9	Empire-Venice, LA	54.3	50.8
Cameron, LA	349.9	259.0	Cape May-Wildwood, NJ	35.3	42.8
Pascagoula-Moss Point, MS	198.5	192.0	Homer, AK	39.4	42.7
New Bedford, MA	108.7	155.4	Westport, WA	24.4	42.6
Astoria, OR	106.9	114.1	Dulac-Chauvin, LA	46.2	42.3
Petersburg, AK	53.7	88.9	Honolulu, HI	39.9	41.0
Los Angeles, CA	170.1	88.7	Seward, AK	31.1	39.4
Gloucester, MA	78.5	88.2	Key West, FL	43.2	38.4
Ketchikan, AK	73.2	79.8	Gloucester, MA	41.2	37.8
Westport, WA	62.5	75.7	Brownsville-Port Isabel, TX	44.1	35.9
Cape May-Wildwood, NJ	60.1	74.1	Galveston, TX	28.9	32.7
Cordova, AK	59.2	71.0	Point Judith, RI	31.3	32.4
Newport, OR	64.2	69.8	Bayou La Batre, AL	27.4	30.8
Portland, ME	62.0	65.8	Cordova, AK	26.2	30.3
Beaufort-Morehead City, NC	82.0	59.0	Port Arthur, TX	30.8	30.1
Moss Landing, CA	80.9	44.1	Golden Meadow-Leeville, LA	31.2	29.1
Point Judith, RI	42.9	44.0	Portland, ME	40.4	28.7
Seward, AK	38.2	43.6	Gulfport-Biloxi, MS	26.9	26.8
Ilwaco-Chinook, WA	42.2	43.2	Astoria, OR	23.7	25.6
Port Hueneme-Oxnard-Ventura, CA	56.0	40.5	Cameron, LA	27.5	25.1
Dulac-Chauvin, LA	42.7	39.4	Sitka, AK	28.1	24.8
Atlantic City, NJ	41.2	38.1	Newport, OR	17.5	24.4
Point Pleasant, NJ	34.7	37.5	Reedville, VA	24.2	24.2
Sitka, AK	69.6	34.6	Petersburg, AK	19.0	24.1
Wanchese-Stumpy Point, NC	28.7	33.0	Point Pleasant, NJ	19.7	22.8
Hampton Roads Area, VA	32.2	32.0	Intracoastal City, LA	24.1	21.5
Rockland, ME	22.0	27.9	Wanchese-Stumpy Point, NC	23.2	21.0
Golden Meadow-Leeville, LA	26.0	25.5	Tampa Bay-St. Petersburg, FL	19.2	20.9
Kenai, AK	19.6	25.5	Atlantic City, NJ	22.4	20.8
Coos Bay-Charleston, OR	25.8	24.7	Stonington, ME	21.7	20.5
Bellingham, WA	23.6	23.9	Shelton, WA	7.1	20.1
Homer, AK	30.5	23.2	Bellingham, WA	18.8	19.1
Naknek-King Salmon, AK	9.8	21.0	Delcambre, LA	24.7	18.7
Stonington, ME	14.7	20.0	Ilwaco-Chinook, WA	11.4	17.3
Galveston, TX	17.4	18.6	Grand Isle, LA	13.2	16.9
Bayou La Batre, AL	17.1	18.5	Crescent City, CA	5.5	16.8
Grand Isle, LA	15.1	18.3	Delacroix-Yscloskey, LA	20.5	16.8
Brownsville-Port Isabel, TX	19.9	17.9	Los Angeles, CA	20.9	16.5
Honolulu, HI	17.7	17.8	Ketchikan, AK	12.8	16.4
Port Arthur, TX	14.9	17.5	Kenai, AK	11.6	16.3
Gulfport-Biloxi, MS	14.8	17.4	Coos Bay-Charleston, OR	12.3	15.9
Morgan City-Berwick, LA	25.6	17.4	Bay Center-South Bend, WA	12.3	15.3
Eureka, CA	16.4	16.4	Beaufort-Morehead City, NC	19.1	15.0
Key West, FL	17.5	15.8	Palacios, TX	30.6	14.6
Provincetown-Chatham, MA	15.4	15.2	Fort Myers, FL	16.7	13.8
Shelton, WA	6.3	13.1	Pascagoula-Moss Point, MS	13.9	13.8

Notes:—To avoid disclosure of private enterprise certain leading ports have not been included to preserve confidentiality. Catches of Alaska pollock, Pacific whiting and other Pacific groundfish caught in the northeast Pacific EEZ of the U.S. and processed at-sea are not attributed to a specific U.S. port. The record landings for quantity and value Dutch Harbor-Unalaska, Ak. 908.7 million pounds in 2003 and $224.1 million in 1994.

COMMERCIAL LANDINGS OF FISH AND SHELLFISH BY U.S. FISHING CRAFT: BY SPECIES, BY DISTANCE CAUGHT OFF U.S. SHORES AND IN INTERNATIONAL WATERS, 2003 (1)

Species	Distance from U.S. shores				High Seas or off Foreign Shores		Total U.S. Landings	
	0 to 3 miles		3 - 200 miles					
Fish	Thousand Pounds	Thousand Dollars	Thousand Pounds	Thousand Dollars	Thousand Pounds	Thousand Dollars	Thousand Pounds	Thousand Dollars
Alewife	731	267	-	-	-	-	731	267
Anchovies	2,422	208	1,590	119	-	-	4,012	327
Atka mackerel	-	-	99,542	3,022	-	-	99,542	3,022
Bluefish	3,914	1,222	3,593	1,254	-	-	7,507	2,476
Blue runner	146	97	265	111	-	-	411	208
Bonito	39	36	70	52	-	-	109	88
Butterfish	275	162	2,565	935	-	-	2,840	1,097
Catfish & bullheads	11,521	4,942	-	-	-	-	11,521	4,942
Chubs	2,058	1,989	-	-	-	-	2,058	1,989
Cod:								
Atlantic	826	1,003	22,760	26,491	-	-	23,586	27,494
Pacific	64,579	18,200	502,965	141,419	-	-	567,544	159,619
Crevalle (jack)	213	181	434	260	-	-	647	441
Croaker:								
Atlantic	13,921	4,500	14,677	4,568	-	-	28,598	9,068
Pacific (white)	144	122	36	30	-	-	180	152
Cusk	5	3	224	126	-	-	229	129
Dolphinfish	91	248	1,766	3,395	308	527	2,165	4,170
Eel, American	1,020	1,454	-	-	-	-	1,020	1,454
Flatfish:								
Atlantic and Gulf								
American plaice	400	483	4,957	5,815	-	-	5,357	6,298
Summer flounder	2,645	4,799	11,584	17,536	-	-	14,229	22,335
Winter flounder	2,055	2,126	10,931	10,406	-	-	12,986	12,532
Witch flounder	240	323	6,648	8,953	-	-	6,888	9,276
Yellowtail flounder	349	380	11,920	13,770	-	-	12,269	14,150
Other	2,951	4,561	110	61	-	-	3,061	4,622
Total, Atlantic/Gulf	8,640	12,672	46,150	56,541	-	-	54,790	69,213
Pacific								
Arrowtooth flounder	862	61	42,292	1,529	-	-	43,154	1,590
Dover sole	3,222	1,189	13,997	4,823	-	-	17,219	6,012
Flathead sole	135	12	27,305	955	-	-	27,440	967

See footnotes at end of table

(Continued)

COMMERCIAL LANDINGS OF FISH AND SHELLFISH BY U.S. FISHING CRAFT: BY SPECIES, BY DISTANCE CAUGHT OFF U.S. SHORES AND IN INTERNATIONAL WATERS, 2003 (1)

Species	Distance from U.S. shores				High Seas or off Foreign Shores		Total U.S. Landings	
	0 to 3 miles		3 - 200 miles					
Fish - Continued	Thousand Pounds	Thousand Dollars	Thousand Pounds	Thousand Dollars	Thousand Pounds	Thousand Dollars	Thousand Pounds	Thousand Dollars
Flatfish - Continued:								
Petrale sole	1,259	1,266	3,153	3,126	-	-	4,412	4,392
Rock sole	182	21	51,604	3,822	-	-	51,786	3,843
Yellowfin sole	-	-	151,732	1,962	-	-	151,732	1,962
Other	2,466	2,558	11,561	3,890	-	-	14,027	6,448
Total Pacific	8,126	5,107	301,644	20,107	-	-	309,770	25,214
Halibut	2,552	5,510	76,963	166,681	-	-	79,515	172,191
Total flounders	**19,318**	**23,289**	**424,757**	**243,329**	-	-	**444,075**	**266,618**
Goosefish (monkfish)	2,693	1,782	54,756	37,006	-	-	57,449	38,788
Groupers	543	1,217	12,258	27,730	-	-	12,801	28,947
Haddock	186	210	14,771	16,748	-	-	14,957	16,958
Hakes:								
Pacific (whiting)	-	-	309,363	17,153	-	-	309,363	17,153
Red	67	19	1,713	538	-	-	1,780	557
Silver (Atl. whiting)	283	110	18,744	9,212	-	-	19,027	9,322
White	157	76	9,625	4,561	-	-	9,782	4,637
Herring:								
Sea:								
Atlantic	62,229	4,448	152,779	11,217	-	-	215,008	15,665
Pacific	74,337	10,424	-	-	-	-	74,337	10,424
Thread	2,005	270	-	-	-	-	2,005	270
Jack mackerel	336	55	172	18	-	-	508	73
Lingcod	152	168	254	262	-	-	406	430
Mackerels:								
Atlantic	13,882	1,220	61,728	6,701	-	-	75,610	7,921
Chub	8,729	620	929	56	-	-	9,658	676
King and cero	654	787	4,536	5,741	-	-	5,190	6,528
Spanish	1,603	1,043	3,410	1,744	-	-	5,013	2,787
Menhaden:								
Atlantic	402,170	23,469	45,943	2,769	-	-	448,113	26,238
Gulf	904,163	54,840	247,068	15,002	-	-	1,151,231	69,842
Total menhaden	**1,306,333**	**78,309**	**293,011**	**17,771**	-	-	**1,599,344**	**96,080**

See footnotes at end of table

(Continued)

COMMERCIAL LANDINGS OF FISH AND SHELLFISH BY U.S. FISHING CRAFT: BY SPECIES, BY DISTANCE CAUGHT OFF U.S. SHORES AND IN INTERNATIONAL WATERS, 2003 (1)

Species	Distance from U.S. shores				High Seas or off Foreign Shores		Total U.S. Landings	
	0 to 3 miles		3 - 200 miles					
Fish - Continued	Thousand Pounds	Thousand Dollars	Thousand Pounds	Thousand Dollars	Thousand Pounds	Thousand Dollars	Thousand Pounds	Thousand Dollars
Mullets	16,080	12,498	17	8	-	-	16,097	12,506
Pollock:								
Atlantic	96	49	10,472	5,349	-	-	10,568	5,398
Walleye (Alaska)	49,820	3,331	3,311,982	199,852	-	-	3,361,802	203,183
Rockfishes:								
Ocean perch:								
Atlantic (redfish)	3	2	798	410	-	-	801	412
Pacific			47,249	1,528	-	-	47,249	1,528
Other	4,083	3,609	31,415	12,001	-	-	35,498	15,610
Total rockfishes	**4,086**	**3,611**	**79,462**	**13,939**	-	-	**83,548**	**17,550**
Sablefish	7,486	13,410	40,368	86,721	-	-	47,854	100,131
Salmon:								
Chinook or king	23,024	26,289	4,607	6,460	-	-	27,631	32,749
Chum or keta	95,455	18,097	-	-	-	-	95,455	18,097
Coho	31,423	14,751	923	562	-	-	32,346	15,313
Pink	334,114	24,765	28	2	-	-	334,142	24,767
Sockeye	184,522	109,912	-	-	-	-	184,522	109,912
Total salmon	**668,538**	**193,814**	**5,558**	**7,024**	-	-	**674,096**	**200,838**
Sardines:								
Pacific	151,071	7,090	6,832	264	-	-	157,903	7,354
Spanish	1,590	236	-	-	-	-	1,590	236
Scup or porgy	4,153	2,969	6,268	3,461	-	-	10,421	6,430
Sea bass:								
Black (Atlantic)	845	1,545	2,836	5,290	-	-	3,681	6,835
White (Pacific)	314	498	162	256	-	-	476	754
Sea trout or weakfish:								
Gray	1,441	1,067	560	427	-	-	2,001	1,494
Spotted	300	451	1	1	-	-	301	452
Sand (white)	77	57	34	11	-	-	111	68
Shads:								
American	2,063	1,183	12	4	-	-	2,075	1,187
Hickory	86	16	3	(2)	-	-	89	16

See footnotes at end of table

(Continued)

COMMERCIAL LANDINGS OF FISH AND SHELLFISH BY U.S. FISHING CRAFT: BY SPECIES, BY DISTANCE CAUGHT OFF U.S. SHORES AND IN INTERNATIONAL WATERS, 2003 (1)

Species	Distance from U.S. shores				High Seas or off Foreign Shores		Total U.S. Landings	
	0 to 3 miles		3 - 200 miles					
Fish - Continued	Thousand Pounds	Thousand Dollars	Thousand Pounds	Thousand Dollars	Thousand Pounds	Thousand Dollars	Thousand Pounds	Thousand Dollars
Sharks:								
Dogfish	2,311	477	3,217	695	-	-	5,528	1,172
Other	2,214	1,277	6,869	5,142	163	66	9,246	6,485
Sheepshead (Atlantic)	2,403	895	17	6	-	-	2,420	901
Skates	10,433	1,482	52,774	6,026	-	-	63,207	7,508
Smelts	2,034	1,037	-	-	-	-	2,034	1,037
Snappers:								
Red	1	2	2,835	6,842	-	-	2,836	6,844
Vermillion	(2)	1	997	2,218	-	-	997	2,219
Unclassified	288	770	6,423	13,706	-	-	6,711	14,476
Spearfish	53	54	1,858	1,404	938	795	2,849	2,253
Spot	5,734	2,668	155	65	-	-	5,889	2,733
Striped bass	7,045	12,662	41	51	-	-	7,086	12,713
Swordfish	238	390	7,255	14,483	1,944	3,313	9,437	18,186
Tenpounder (ladyfish)	1,601	921	(2)	(2)	-	-	1,601	921
Tilefish	2	5	3,460	5,111	-	-	3,462	5,116
Trout, rainbow	318	199					318	199
Tuna:								
Albacore	2,781	1,957	34,274	22,983	1,034	1,071	38,089	26,011
Bigeye	54	121	4,368	13,119	16,339	22,456	20,761	35,696
Bluefin	75	77	2,112	10,017	1	1	2,188	10,095
Little tunny	134	31	1,324	416	-	-	1,458	447
Skipjack	53	38	1,218	1,247	133,194	42,280	134,465	43,565
Yellowfin	382	794	6,877	17,659	45,143	27,926	52,402	46,379
Unclassified	3	3	155	245	1	1	159	249
Total tuna	**3,482**	**3,021**	**50,328**	**65,686**	**195,712**	**93,735**	**249,522**	**162,442**
Whitefish, lake	8,065	6,048	-	-	-	-	8,065	6,048
Wolffish, Atlantic	5	3	279	136	-	-	284	139
Yellow perch	1,714	2,914	-	-	-	-	1,714	2,914
Other marine finfishes	27,831	16,179	34,131	12,873	1,305	1,908	63,267	30,960
Other freshwater finfishes	18,629	5,325	-	-	- -	-	18,629	5,325
Total finfish	**2,597,859**	**456,836**	**5,648,499**	**1,038,620**	**200,370**	**100,344**	**8,446,728**	**1,595,800**

See footnotes at end of table

(Continued)

COMMERCIAL LANDINGS OF FISH AND SHELLFISH BY U.S. FISHING CRAFT: BY SPECIES, BY DISTANCE CAUGHT OFF U.S. SHORES AND IN INTERNATIONAL WATERS, 2003 (1)

Species	Distance from U.S. shores				High Seas or off Foreign Shores		Total U.S. Landings	
	0 to 3 miles		3 - 200 miles					
Shellfish	Thousand Pounds	Thousand Dollars	Thousand Pounds	Thousand Dollars	Thousand Pounds	Thousand Dollars	Thousand Pounds	Thousand Dollars
Crustaceans:								
Crabs:								
Blue: Hard	172,458	137,050	-	-	-	-	172,458	137,050
Soft or peeler	5,160	19,280	-	-	-	-	5,160	19,280
Dungeness	74,275	118,477	9,677	14,898	-	-	83,952	133,375
Jonah	2,093	1,018	1,118	612	-	-	3,211	1,630
King	1,306	5,395	21,580	100,060	-	-	22,886	105,455
Snow (tanner):								
Opilio	-	-	27,511	50,424	-	-	27,511	50,424
Bairdi	1,038	2,233	269	623	-	-	1,307	2,856
Other	7,130	7,188	15,239	26,328	-	-	22,369	33,516
Total crabs	**263,460**	**290,641**	**75,394**	**192,945**	-	-	**338,854**	**483,586**
Crawfish, freshwater	8,263	4,869	-	-	-	-	8,263	4,869
Lobsters:								
American	53,310	208,847	18,425	75,967	-	-	71,735	284,814
Spiny	1,998	10,699	2,831	12,492	-	-	4,829	23,191
Shrimp:								
New England	743	644	1,708	1,578	-	-	2,451	2,222
South Atlantic	18,706	37,956	3,443	6,067	-	-	22,149	44,023
Gulf	137,326	165,595	117,451	196,876	-	-	254,777	362,471
Pacific	10,937	7,922	23,312	7,380	-	-	34,249	15,302
Other	1	1	1	8	-	-	2	9
Total shrimp	**167,713**	**212,118**	**145,915**	**211,909**	-	-	**313,628**	**424,027**
Total crustaceans	**494,744**	**727,174**	**242,565**	**493,313**	-	-	**737,309**	**1,220,487**
Mollusks:								
Clams:								
Quahog (hard)	9,968	46,303	-	-	-	-	9,968	46,303
Geoduck (Pacific)	1,949	20,849	-	-	-	-	1,949	20,849
Manila (Pacific)	774	10,980	-	-	-	-	774	10,980
Ocean quahog	5,752	4,575	36,129	21,455	-	-	41,881	26,030
Softshell	3,092	17,803	-	-	-	-	3,092	17,803

See footnotes at end of table

(Continued)

COMMERCIAL LANDINGS OF FISH AND SHELLFISH BY U.S. FISHING CRAFT: BY SPECIES, BY DISTANCE CAUGHT OFF U.S. SHORES AND IN INTERNATIONAL WATERS, 2003 (1)

Species	Distance from U.S. shores				High Seas or off Foreign Shores		Total U.S. Landings	
	0 to 3 miles		3 - 200 miles					
Shellfish - Continued	Thousand Pounds	Thousand Dollars	Thousand Pounds	Thousand Dollars	Thousand Pounds	Thousand Dollars	Thousand Pounds	Thousand Dollars
Surf (Atlantic)	29,359	17,060	40,153	22,434			69,512	39,494
Other	618	835	-	-	-	-	618	835
Total clams	**51,512**	**118,405**	**76,282**	**43,889**	-	-	**127,794**	**162,294**
Conch (snails)	2,097	3,059	485	855	-	-	2,582	3,914
Mussels, blue (sea)	4,481	6,092	-	-	-	-	4,481	6,092
Oysters	37,046	103,045	-	-	-	-	37,046	103,045
Scallops:								
Bay	18	100	-	-	-	-	18	100
Calico, Atlantic	(3)	(3)	(3)	(3)	-	-	(3)	(3)
Sea	114	630	55,904	228,510	-	-	56,018	229,140
Squid:								
Atlantic:								
Illex	203	64	14,053	4,182	-	-	14,256	4,246
Loligo	3,613	3,092	22,686	16,809	-	-	26,299	19,901
Unclassified	86	64	93	56	-	-	179	120
Pacific:								
Loligo	81,505	21,675	5,202	1,383	-	-	86,707	23,058
Unclassified	37	12	1,485	67	-	-	1,522	79
Total, squid	**85,444**	**24,907**	**43,519**	**22,497**	-	-	**128,963**	**47,404**
Total, mollusks	**180,712**	**256,238**	**176,190**	**295,751**	-	-	**356,902**	**551,989**
Other shellfish	30,570	22,634	3,685	2,304	-	-	34,255	24,938
Total shellfish	**706,026**	**1,006,046**	**422,440**	**791,368**	-	-	**1,128,466**	**1,797,414**
Other								
Horseshoe crab	1,986	533	637	164	-	-	2,623	697
Sea urchins	17,045	16,511	-	-	-	-	17,045	16,511
Seaweed, unclassified	107,797	270	-	-	-	-	107,797	270
Kelp (with herring eggs)	141	464	-	-	-	-	141	464
Worms	1,002	7,306	-	-	-	-	1,002	7,306
Total other	**127,971**	**25,084**	**637**	**164**	-	-	**128,608**	**25,248**
Grand total, 2003	**3,431,856**	**1,487,966**	**6,071,576**	**1,830,152**	**200,370**	**100,344**	**9,703,802**	**3,418,462**
Grand total, 2002	**3,502,859**	**1,434,439**	**5,910,139**	**1,640,380**	**302,074**	**135,791**	**9,715,072**	**3,210,610**

(1) Landings are reported in round (live) weight for all items except univalve and bivalve mollusks, such as clams, oysters, and scallops, which are reported in weight of meats (excluding the shell). The National Marine Fisheries Service estimated the distance-from-shore landings for data collected by the Service and States. Includes landings from the Great Lakes and other inland waters, but excludes Mississippi River Drainage Area States.
(2) Less than 500 LB or $500. (3) Data are confidential and included with other shellfish.
NOTE:—Data are preliminary. Totals may not agree due to roundings. Data include landings by U.S.-flag vessels at Puerto Rico and other ports outside the 50 States. Therefore, they will not agree with "U.S. Commercial Landings" tables beginning on page 1. Data do not include aquaculture products, except oysters or clams.

COMMERCIAL LANDINGS OF FISH AND SHELLFISH BY U.S. FISHING CRAFT: BY SPECIES, BY DISTANCE CAUGHT OFF U.S. SHORES AND IN INTERNATIONAL WATERS, 2003 (1)

Species	Distance from U.S. shores				High Seas or off Foreign Shores		Total U.S. Landings	
	0 to 3 miles		3 - 200 miles					
Fish	Metric Tons	Thousand Dollars	Metric Tons	Thousand Dollars	Metric Tons	Thousand Dollars	Metric Tons	Thousand Dollars
Alewife	332	267	-	-	-	-	332	267
Anchovies	1,099	208	721	119	-	-	1,820	327
Atka mackerel	-	-	45,152	3,022	-	-	45,152	3,022
Bluefish	1,775	1,222	1,630	1,254	-	-	3,405	2,476
Blue runner	66	97	120	111	-	-	186	208
Bonito	18	36	32	52	-	-	49	88
Butterfish	125	162	1,163	935	-	-	1,288	1,097
Catfish & bullheads	5,226	4,942	-	-	-	-	5,226	4,942
Chubs	934	1,989	-	-	-	-	934	1,989
Cod:								
Atlantic	375	1,003	10,324	26,491	-	-	10,699	27,494
Pacific	29,293	18,200	228,143	141,419	-	-	257,436	159,619
Crevalle (jack)	97	181	197	260	-	-	293	441
Croaker:								
Atlantic	6,315	4,500	6,657	4,568	-	-	12,972	9,068
Pacific (white)	65	122	16	30	-	-	82	152
Cusk	2	3	102	126	-	-	104	129
Dolphinfish	41	248	801	3,395	140	527	982	4,170
Eel, American	463	1,454	-	-	-	-	463	1,454
Flatfish:								
Atlantic and Gulf								
American plaice	181	483	2,248	5,815	-	-	2,430	6,298
Summer flounder	1,200	4,799	5,254	17,536	-	-	6,454	22,335
Winter flounder	932	2,126	4,958	10,406	-	-	5,890	12,532
Witch flounder	109	323	3,016	8,953	-	-	3,124	9,276
Yellowtail flounder	158	380	5,407	13,770	-	-	5,565	14,150
Other	1,339	4,561	50	61	-	-	1,388	4,622
Total, Atlantic/Gulf	3,919	12,672	20,934	56,541	-	-	24,853	69,213
Pacific								
Arrowtooth flounder	391	61	19,184	1,529	-	-	19,575	1,590
Dover sole	1,461	1,189	6,349	4,823	-	-	7,810	6,012
Flathead sole	61	12	12,385	955	-	-	12,447	967

See footnotes at end of table

(Continued)

COMMERCIAL LANDINGS OF FISH AND SHELLFISH BY U.S. FISHING CRAFT: BY SPECIES, BY DISTANCE CAUGHT OFF U.S. SHORES AND IN INTERNATIONAL WATERS, 2003 (1)

Species	Distance from U.S. shores				High Seas or off Foreign Shores		Total U.S. Landings	
	0 to 3 miles		3 - 200 miles					
Fish - Continued	Metric Tons	Thousand Dollars	Metric Tons	Thousand Dollars	Metric Tons	Thousand Dollars	Metric Tons	Thousand Dollars
Flatfish - Continued:								
Petrale sole	571	1,266	1,430	3,126	-	-	2,001	4,392
Rock sole	83	21	23,407	3,822	-	-	23,490	3,843
Yellowfin sole	-	-	68,825	1,962	-	-	68,825	1,962
Other	1,119	2,558	5,244	3,890	-	-	6,363	6,448
Total Pacific	3,686	5,107	136,825	20,107	-	-	140,511	25,214
Halibut	1,158	5,510	34,910	166,681	-	-	36,068	172,191
Total flounders	**8,763**	**23,289**	**192,669**	**243,329**	-	-	**201,431**	**266,618**
Goosefish (monkfish)	1,222	1,782	24,837	37,006	-	-	26,059	38,788
Groupers	246	1,217	5,560	27,730	-	-	5,806	28,947
Haddock	84	210	6,700	16,748	-	-	6,784	16,958
Hakes:								
Pacific (whiting)	-	-	140,326	17,153	-	-	140,326	17,153
Red	30	19	777	538	-	-	807	557
Silver (Atl. whiting)	128	110	8,502	9,212	-	-	8,631	9,322
White	71	76	4,366	4,561	-	-	4,437	4,637
Herring:								
Sea:								
Atlantic	28,227	4,448	69,300	11,217	-	-	97,527	15,665
Pacific	33,719	10,424	-	-	-	-	33,719	10,424
Thread	909	270	-	-	-	-	909	270
Jack mackerel	152	55	78	18	-	-	230	73
Lingcod	69	168	115	262	-	-	184	430
Mackerels:								
Atlantic	6,297	1,220	28,000	6,701	-	-	34,296	7,921
Chub	3,959	620	421	56	-	-	4,381	676
King and cero	297	787	2,058	5,741	-	-	2,354	6,528
Spanish	727	1,043	1,547	1,744	-	-	2,274	2,787
Menhaden:								
Atlantic	182,423	23,469	20,840	2,769	-	-	203,263	26,238
Gulf	410,126	54,840	112,069	15,002	-	-	522,195	69,842
Total menhaden	**592,549**	**78,309**	**132,909**	**17,771**	-	-	**725,458**	**96,080**

See footnotes at end of table

(Continued)

COMMERCIAL LANDINGS OF FISH AND SHELLFISH BY U.S. FISHING CRAFT: BY SPECIES, BY DISTANCE CAUGHT OFF U.S. SHORES AND IN INTERNATIONAL WATERS, 2003 (1)

Species	Distance from U.S. shores				High Seas or off Foreign Shores		Total U.S. Landings	
	0 to 3 miles		3 - 200 miles					
Fish - Continued	Metric Tons	Thousand Dollars	Metric Tons	Thousand Dollars	Metric Tons	Thousand Dollars	Metric Tons	Thousand Dollars
Mullets	7,294	12,498	8	8	-	-	7,302	12,506
Pollock:								
Atlantic	44	49	4,750	5,349	-	-	4,794	5,398
Walleye (Alaska)	22,598	3,331	1,502,305	199,852	-	-	1,524,903	203,183
Rockfishes:								
Ocean perch:								
Atlantic (redfish)	1	2	362	410	-	-	363	412
Pacific	-	-	21,432	1,528	-	-	21,432	1,528
Other	1,852	3,609	14,250	12,001	-	-	16,102	15,610
Total rockfishes	**1,853**	**3,611**	**36,044**	**13,939**	-	-	**37,897**	**17,550**
Sablefish	3,396	13,410	18,311	86,721	-	-	21,706	100,131
Salmon:								
Chinook or king	10,444	26,289	2,090	6,460	-	-	12,533	32,749
Chum or keta	43,298	18,097	-	-	-	-	43,298	18,097
Coho	14,253	14,751	419	562	-	-	14,672	15,313
Pink	151,553	24,765	13	2	-	-	151,566	24,767
Sockeye	83,699	109,912	-	-	-	-	83,699	109,912
Total salmon	**303,247**	**193,814**	**2,521**	**7,024**	-	-	**305,768**	**200,838**
Sardines:								
Pacific	68,525	7,090	3,099	264	-	-	71,624	7,354
Spanish	721	236	-	-	-	-	721	236
Scup or porgy	1,884	2,969	2,843	3,461	-	-	4,727	6,430
Sea bass:								
Black (Atlantic)	383	1,545	1,286	5,290	-	-	1,670	6,835
White (Pacific)	142	498	73	256	-	-	216	754
Sea trout or weakfish:								
Gray	654	1,067	254	427	-	-	908	1,494
Spotted	136	451	0	1	-	-	137	452
Sand (white)	35	57	15	11	-	-	50	68
Shads:			0	0				
American	936	1,183	5	4	-	-	941	1,187
Hickory	39	16	1	(2)	-	-	40	16

See footnotes at end of table

(Continued)

COMMERCIAL LANDINGS OF FISH AND SHELLFISH BY U.S. FISHING CRAFT: BY SPECIES, BY DISTANCE CAUGHT OFF U.S. SHORES AND IN INTERNATIONAL WATERS, 2003 (1)

Species	Distance from U.S. shores				High Seas or off Foreign Shores		Total U.S. Landings	
	0 to 3 miles		3 - 200 miles					
Fish - Continued	Metric Tons	Thousand Dollars	Metric Tons	Thousand Dollars	Metric Tons	Thousand Dollars	Metric Tons	Thousand Dollars
Sharks:								
Dogfish	1,048	477	1,459	695	-	-	2,507	1,172
Other	1,004	1,277	3,116	5,142	74	66	4,194	6,485
Sheepshead (Atlantic)	1,090	895	8	6	-	-	1,098	901
Skates	4,732	1,482	23,938	6,026	-	-	28,671	7,508
Smelts	923	1,037	-	-	-	-	923	1,037
Snappers:								
Red	(2)	2	1,286	6,842	-	-	1,286	6,844
Vermillion	(2)	1	452	2,218	-	-	452	2,219
Unclassified	131	770	2,913	13,706	-	-	3,044	14,476
Spearfish	24	54	843	1,404	425	795	1,292	2,253
Spot	2,601	2,668	70	65	-	-	2,671	2,733
Striped bass	3,196	12,662	19	51	-	-	3,214	12,713
Swordfish	108	390	3,291	14,483	882	3,313	4,281	18,186
Tenpounder (ladyfish)	726	921	-	-	-	-	726	921
Tilefish	1	5	1,569	5,111	-	-	1,570	5,116
Trout, rainbow	144	199	-	-	-	-	144	199
Tuna:								
Albacore	1,261	1,957	15,547	22,983	469	1,071	17,277	26,011
Bigeye	24	121	1,981	13,119	7,411	22,456	9,417	35,696
Bluefin	34	77	958	10,017	(2)	1	992	10,095
Little tunny	61	31	601	416	-	-	661	447
Skipjack	24	38	552	1,247	60,416	42,280	60,993	43,565
Yellowfin	173	794	3,119	17,659	20,477	27,926	23,769	46,379
Unclassified	1	3	70	245	(2)	1	72	249
Total tuna	**1,579**	**3,021**	**22,829**	**65,686**	**88,774**	**93,735**	**113,182**	**162,442**
Whitefish, lake	3,658	6,048	-	-	-	-	3,658	6,048
Wolffish, Atlantic	2	3	127	136	-	-	129	139
Yellow perch	777	2,914	-	-	-	-	777	2,914
Other marine finfishes	12,624	16,179	15,482	12,873	592	1,908	28,698	30,960
Other freshwater finfishes	8,450	5,325	-	-	-	-	8,450	5,325
Total finfish	**1,178,381**	**456,836**	**2,562,142**	**1,038,620**	**90,887**	**100,344**	**3,831,411**	**1,595,800**

See footnotes at end of table

(Continued)

COMMERCIAL LANDINGS OF FISH AND SHELLFISH BY U.S. FISHING CRAFT: BY SPECIES, BY DISTANCE CAUGHT OFF U.S. SHORES AND IN INTERNATIONAL WATERS, 2003 (1)

Species	Distance from U.S. shores				High Seas or off Foreign Shores		Total U.S. Landings	
	0 to 3 miles		3 - 200 miles					
Shellfish	Metric Tons	Thousand Dollars	Metric Tons	Thousand Dollars	Metric Tons	Thousand Dollars	Metric Tons	Thousand Dollars
Crustaceans:								
Crabs:								
Blue: Hard	78,226	137,050	-	-	-	-	78,226	137,050
Soft or peeler	2,341	19,280	-	-	-	-	2,341	19,280
Dungeness	33,691	118,477	4,389	14,898	-	-	38,080	133,375
Jonah	949	1,018	507	612	-	-	1,457	1,630
King	592	5,395	9,789	100,060	-	-	10,381	105,455
Snow (tanner):								
Opilio	-	-	12,479	50,424	-	-	12,479	50,424
Bairdi	471	2,233	122	623	-	-	593	2,856
Other	3,234	7,188	6,912	26,328	-	-	10,147	33,516
Total crabs	**119,505**	**290,641**	**34,198**	**192,945**	-	-	**153,703**	**483,586**
Crawfish, freshwater	3,748	4,869	-	-	-	-	3,748	4,869
Lobsters:								
American	24,181	208,847	8,358	75,967	-	-	32,539	284,814
Spiny	906	10,699	1,284	12,492	-	-	2,190	23,191
Shrimp:								
New England	337	644	775	1,578	-	-	1,112	2,222
South Atlantic	8,485	37,956	1,562	6,067	-	-	10,047	44,023
Gulf	62,291	165,595	53,275	196,876	-	-	115,566	362,471
Pacific	4,961	7,922	10,574	7,380	-	-	15,535	15,302
Other	(2)	1	(2)	8	-	-	(2)	9
Total shrimp	**76,074**	**212,118**	**66,187**	**211,909**	-	-	**142,261**	**424,027**
Total crustaceans	**224,414**	**727,174**	**110,027**	**493,313**	-	-	**334,441**	**1,220,487**
Mollusks:								
Clams:								
Quahog (hard)	4,521	46,303	-	-	-	-	4,521	46,303
Geoduck (Pacific)	884	20,849	-	-	-	-	884	20,849
Manila (Pacific)	351	10,980	-	-	-	-	351	10,980
Ocean quahog	2,609	4,575	16,388	21,455	-	-	18,997	26,030
Softshell	1,403	17,803	-	-	-	-	1,403	17,803

See footnotes at end of table

(Continued)

COMMERCIAL LANDINGS OF FISH AND SHELLFISH BY U.S. FISHING CRAFT: BY SPECIES, BY DISTANCE CAUGHT OFF U.S. SHORES AND IN INTERNATIONAL WATERS, 2003 (1)

Species	Distance from U.S. shores				High Seas or off Foreign Shores		Total U.S. Landings	
	0 to 3 miles		3 - 200 miles					
Shellfish - Continued	Metric Tons	Thousand Dollars	Metric Tons	Thousand Dollars	Metric Tons	Thousand Dollars	Metric Tons	Thousand Dollars
Surf (Atlantic)	13,317	17,060	18,213	22,434	-	-	31,530	39,494
Other	280	835	-	-	-	-	280	835
Total clams	**23,366**	**118,405**	**34,601**	**43,889**	-	-	**57,967**	**162,294**
Conch (snails)	951	3,059	220	855	-	-	1,171	3,914
Mussels, blue (sea)	2,033	6,092	-	-	-	-	2,033	6,092
Oysters	16,804	103,045	-	-	-	-	16,804	103,045
Scallops:								
Bay	8	100	-	-	-	-	8	100
Calico, Atlantic	(3)	(3)	(3)	(3)	-	-	(3)	(3)
Sea	52	630	25,358	228,510	-	-	25,410	229,140
Squid:								
Atlantic:								
Illex	92	64	6,374	4,182	-	-	6,466	4,246
Loligo	1,639	3,092	10,290	16,809	-	-	11,929	19,901
Unclassified	39	64	42	56			81	120
Pacific:								
Loligo	36,970	21,675	2,360	1,383	-	-	39,330	23,058
Unclassified	17	12	674	67	-	-	690	79
Total, squid	**38,757**	**24,907**	**19,740**	**22,497**	-	-	**58,497**	**47,404**
Total, mollusks	**81,970**	**256,238**	**79,919**	**295,751**			**161,890**	**551,989**
Other shellfish	13,866	22,634	1,672	2,304	-	-	15,538	24,938
Total shellfish	**320,251**	**1,006,046**	**191,618**	**791,368**	-	-	**511,869**	**1,797,414**
Other								
Horseshoe crab	901	533	289	164	-	-	1,190	697
Sea urchins	7,732	16,511	-	-	-	-	7,732	16,511
Seaweed, unclassified	48,896	270	-	-	-	-	48,896	270
Kelp (with herring eggs)	64	464	-	-	-	-	64	464
Worms	455	7,306	-	-	-	-	455	7,306
Total other	**58,047**	**25,084**	**289**	**164**	-	-	**58,336**	**25,248**
Grand total, 2003	**1,556,680**	**1,487,966**	**2,754,049**	**1,830,152**	**90,887**	**100,344**	**4,401,616**	**3,418,462**
Grand total, 2002	**1,588,886**	**1,434,439**	**2,680,821**	**1,640,380**	**137,020**	**135,791**	**4,406,728**	**3,210,610**

(1) Landings are reported in round (live) weight for all items except univalve and bivalve mollusks, such as clams, oysters, and scallops, which are reported in weight of meats (excluding the shell). The National Marine Fisheries Service estimated the distance-from-shore landings for data collected by the Service and States. Includes landings from the Great Lakes and other inland waters, but excludes Mississippi River Drainage Area States.
(2) Less than .5 MT or $500. (3) Data are confidential and included with other shellfish.
NOTE:—Data are preliminary. Totals may not agree due to roundings. Data include landings by U.S.-flag vessels at Puerto Rico and other ports outside the 50 States. Therefore, they will not agree with "U.S. Commercial Landings" tables beginning on page 1. Data do not include aquaculture products, except oysters or clams.

DOMESTIC LANDINGS FOR U.S. TERRITORIAL POSSESSIONS, 2003 (1)

Group / Species	American Samoa		Guam		Northern Marianas Islands	
Fish	Pounds	Dollars	Pounds	Dollars	Pounds	Dollars
Barracudas	1,652	3,888	3,100	6,073	-	-
Billfishes:						
Marlin	8,895	9,118	44,151	48,731	871	1,476
Sailfish	2,108	1,973	1,806	2,321	137	214
Swordfish	8,086	18,230	-	-	-	-
Dolphinfish	17,249	29,994	55,145	89,846	7,064	15,870
Emperors:						
Longnose	824	1,567	-	-	-	-
Others	2,574	4,565	3,195	8,805	7,592	21,044
Goatfish	50	146	354	1,007	259	767
Groupers	1,447	2,779	1,444	4,009	4,590	11,655
Jacks:						
Amberjack	-	-	204	527	322	835
Bigeye Scad	-	-	1,532	2,739	14,872	35,579
Black jack	177	403	78	198	138	337
Rainbow runner	32	65	5,883	10,010	5,078	10,130
Other	653	1,356	2,927	7,711	3,685	8,374
Moonfish (Opah)	4,092	4,092	-	-	-	-
Oilfish	183	183	-	-	-	-
Parrotfishes	5,127	9,991	305	893	928	2,293
Rabbitfish	-	-	658	1,944	7,294	24,135
Snappers:						
Blue lined snapper	1,917	3,639	-	-	75	177
Ehu	391	935	393	1,502	729	1,918
Gindai (flower snapper)	55	102	222	885	2,550	7,706
Gray jobfish	442	934	-	-	556	1,283
Humpback	2,475	4,234	-	-	-	-
Lehi (silverjaw)	296	739	222	852	1,612	4,559
Onaga	415	1,066	1,428	7,061	6,496	22,330
Opakapaka	743	1,304	270	1,069	2,262	7,424
Yellow opakapaka	225	842	-	-	-	-
Snappers, other	579	1,656	556	1,567	3,044	8,727
Total snappers	**7,538**	**15,451**	**3,091**	**12,936**	**17,324**	**54,124**
Squirrelfish	1,400	2,751				
Surgeonfishes:						
Unicornfishes	2,594	5,060	13,688	34,676	553	1,339
Other	7,898	15,407	1,374	3,660	11	21
Tunas:						
Albacore	8,595,055	8,121,105	-	-	-	-
Bigeye	518,357	574,038	-	-	-	-
Skipjack	252,554	151,378	83,171	87,721	168,333	324,987
Yellowfin	1,071,896	940,367	37,868	75,386	25,401	53,484
Other	1,073	1574	2,379	2990	8,992	14357
Total, tuna	**10,438,935**	**9,788,462**	**123,418**	**166,097**	**202,726**	**392,828**
Wahoo	366,323	351,360	36,582	72,371	7,753	15,714
Wrasses	-	-	549	1,430	-	-
Other marine finfishes	400	606	53,484	156,298	88,285	227,370
Total fish	**10,878,237**	**10,267,447**	**352,968**	**632,282**	**369,482**	**824,105**
Shellfish, et al						
Crabs	121	234	18	44	-	-
Lobster, spiny	779	3,018	2,225	7,279	493	2,911
Octopus	512	1,024	3,748	9,341	1,491	3,238
Shelfish, other	-	-	118	12	4	8
Total shellfish, et al.	**1,412**	**4,276**	**6,109**	**16,676**	**1,988**	**6,157**
Grand total	**10,879,649**	**10,271,723**	**359,077**	**648,958**	**371,470**	**830,262**

(1) Data in this table are preliminary and represent the latest information available.

U.S. Commercial Landings

DOMESTIC LANDINGS FOR U.S. TERRITORIAL POSSESSIONS, 2003 (1)

Group / Species	Puerto Rico		U.S. Virgin Islands(2)	
Fish	Pounds	Dollars	Pounds	Dollars
Ballyhoo	41,437	37,596	-	-
Barracuda	11,280	16,378	29,301	87,645
Dolphinfish	64,856	114,493	36,251	165,239
Goatfish	12,800	23,653	9,273	27,880
Groupers:				
Red hind	48,066	102,327	-	-
Nassau	10,252	19,414	-	-
Other	53,191	117,046	125,242	539,904
Grunts:				
Margate	29	76	-	-
Other	107,769	141,101	103,780	341,588
Hogfish	47,032	113,802	-	-
Jacks:				
Bar Jack	37,112	53,671	-	-
Horse-eye Jack	4,195	5,586	-	-
Rainbow Runner	257	388	-	-
Other	24,305	34,950	90,800	$303,564
Mackerel, king and cero	116,646	214,867	23,045	99,960
Mojarra	17,848	29,276	-	-
Mullet	42,851	51,634	-	-
Parrotfish	69,229	100,998	435,263	1,319,828
Scup or porgy	20,909	33,039	40,653	126,843
Sharks, other	25,225	35,096		
Snappers:				
Lane	123,242	258,910	-	-
Mutton	80,072	167,628	-	-
Silk	170,012	506,956	-	-
Yellowtail	176,676	382,046	-	-
Other	196,145	568,331	403,491	1,714,334
Total snappers	**746,147**	**1,883,871**	**403,491**	**1,714,334**
Snook	37,036	62,951	-	-
Squirrelfish	10,715	13,620	-	-
Surgeonfish	-	-	115,963	359,981
Tarpon	2,438	1,753	-	-
Triggerfish	42,077	68,185	161,279	513,842
Trunkfish (boxfish)	58,654	109,695	52,909	131,457
Tuna:				
Albacore	6,120	6,070	-	-
Blackfin	34,209	38,499	-	-
Little(Tunny)	11,707	11,497	-	-
Skipjack	30,666	26,229	-	-
Yellowfin	23,477	27,407	-	-
Unclassified	8,706	11,358	134,112	622,965
Total tuna	**114,885**	**121,060**	**134,112**	**622,965**
Wahoo	2,012	4,200	66,626	316,260
Other marine finfishes	154,562	239,662	72,233	201,861
Total fish	**1,923,815**	**3,750,388**	**1,900,220**	**6,873,151**
Shellfish, et al				
Crabs	3,972	18,439	-	-
Lobster, spiny	242,600	1,333,141	286,375	1,940,288
Conch (snail) meats	188,164	452,322	145,000	621739
Octopus	26,638	68,877	-	-
Shellfish, other	5,809	15,721	20,218	72,701
Total shellfish, et al.	**467,183**	**1,888,500**	**451,593**	**2,634,728**
Grand total	**2,390,998**	**5,638,888**	**2,351,813**	**9,507,879**

(1) Data in this table are preliminary and represent the latest information available.
(2) U.S. Virgin Island landings are for July 1, 2002 to June 30, 2003 fishing year.

ESTIMATED U.S. AQUACULTURE PRODUCTION, 1997 - 2002

Species	1997			1998		
	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars
Finfish:						
Baitfish	19,929	9,040	73,580	16,389	7,434	57,392
Catfish	524,949	238,115	372,497	564,355	255,990	419,094
Salmon	39,745	18,028	65,053	32,017	14,523	62,694
Striped bass	8,400	3,810	21,783	9,385	4,257	24,128
Tilapia	16,860	7,648	29,505	18,191	8,251	27,287
Trout	56,710	25,723	60,212	55,103	24,995	59,710
Shellfish:						
Clams	9,243	4,193	26,753	9,735	4,416	29,612
Crawfish	49,232	22,331	29,300	37,945	17,212	23,649
Mussels	597	271	3,365	527	239	2,801
Oysters	15,737	7,138	39,031	18,157	8,236	47,951
Shrimp	2,646	1,200	10,582	4,409	2,000	17,637
Miscellaneous	22,625	9,930	177,994	23,495	10,657	166,688
Totals	**766,673**	**347,761**	**909,655**	**789,708**	**358,209**	**938,643**

Species	1999			2000		
	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars
Finfish:						
Baitfish	16,389	7,434	57,392	13,954	6,329	45,790
Catfish	596,628	270,629	438,936	593,603	269,257	445,919
Salmon	39,114	17,742	76,778	49,372	22,395	99,208
Striped bass	9,734	4,415	21,927	11,237	5,097	29,513
Tilapia	17,750	8,051	26,625	20,000	9,072	30,000
Trout	60,283	27,344	64,954	59,164	26,837	63,690
Shellfish:						
Clams	10,683	4,846	42,051	9,929	4,504	32,595
Crawfish	42,889	19,454	28,267	17,025	7,722	27,626
Mussels	531	241	799	424	192	525
Oysters	18,662	8,465	55,635	16,822	7,630	42,419
Shrimp	4,625	2,098	13,706	4,782	2,169	14,559
Miscellaneous	24,334	11,038	160,010	26,207	11,887	140,989
Totals	**841,622**	**381,757**	**987,080**	**822,519**	**373,092**	**972,833**

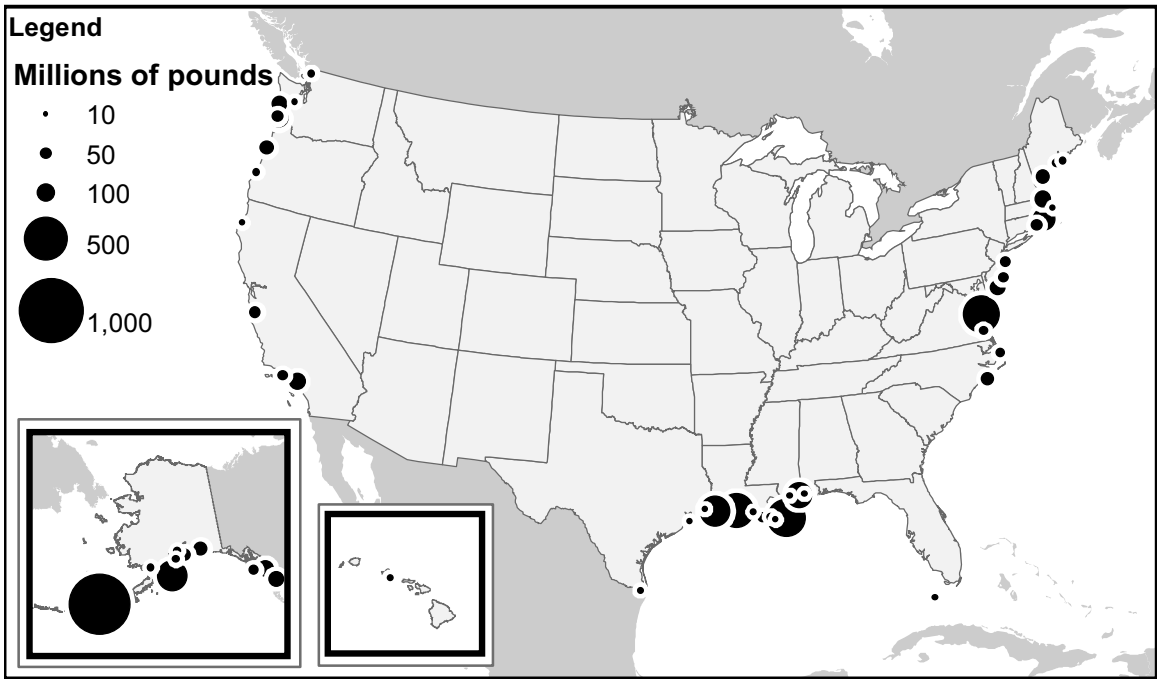
Species	2001			2002		
	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars
Finfish:						
Baitfish	13,954	6,329	45,790	13,954	6,329	45,790
Catfish	597,108	270,846	386,329	630,601	286,039	358,082
Salmon	45,787	20,769	72,019	28,073	12,734	27,756
Striped bass	10,903	4,946	28,520	10,490	4,758	27,879
Tilapia	17,600	7,983	30,000	19,841	9,000	19,800
Trout	56,908	25,813	64,482	54,451	24,699	58,334
Shellfish:						
Clams	9,975	4,525	35,404	9,861	4,473	41,809
Crawfish	30,527	13,847	40,545	61,343	27,825	50,358
Mussels	669	303	1,169	1,382	627	3,186
Oysters	16,818	7,629	39,886	18,547	8,413	53,505
Shrimp	7,953	3,607	27,808	8,994	4,080	27,588
Miscellaneous	10,741	4,872	162,714	9,755	4,425	152,025
Totals	**818,943**	**371,470**	**934,666**	**867,291**	**393,401**	**866,112**

Note:--Table may not add due to rounding. Clams, oysters and mussels are reported as meat weights (excludes shell) while all other species such as shrimp and finfishes are reported as whole (live) weights. Some clam and oyster production are reported with U.S. commercial landings. Weights and values represent the final sales of products to processors and dealers. The “Miscellaneous” includes ornamental/tropical fish, alligators, algae, aquatic plants, eels, scallops, crabs, and others. The high value and low production of “Miscellaneous” occurs because production value, but not weight, are reported for many species such as ornamental fishes.

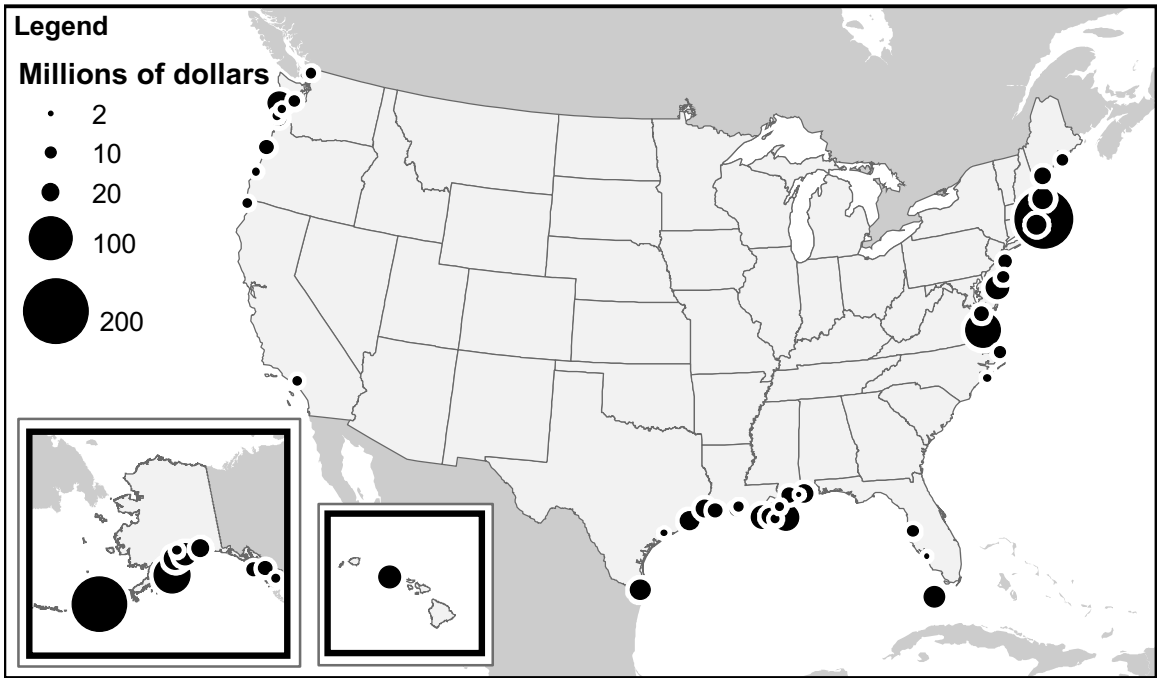
Source:—Fisheries Statistics Division, F/ST1, NMFS.

U.S. Commercial Landings

Commercial Fishery Landings at Major U.S. Ports 2003



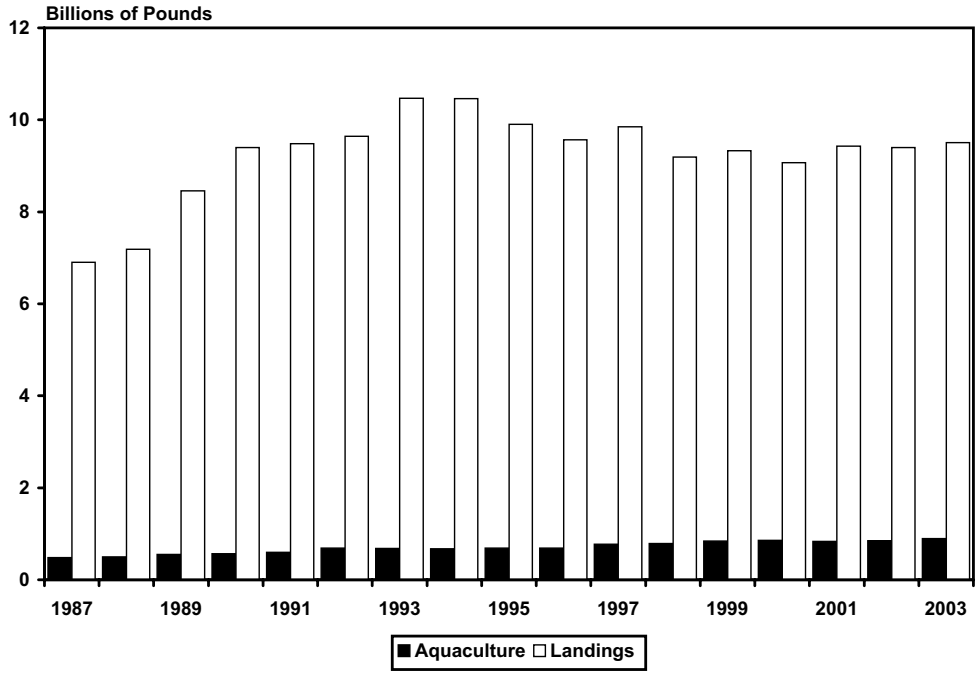
Commercial Fishery Value at Major U.S. Ports 2003



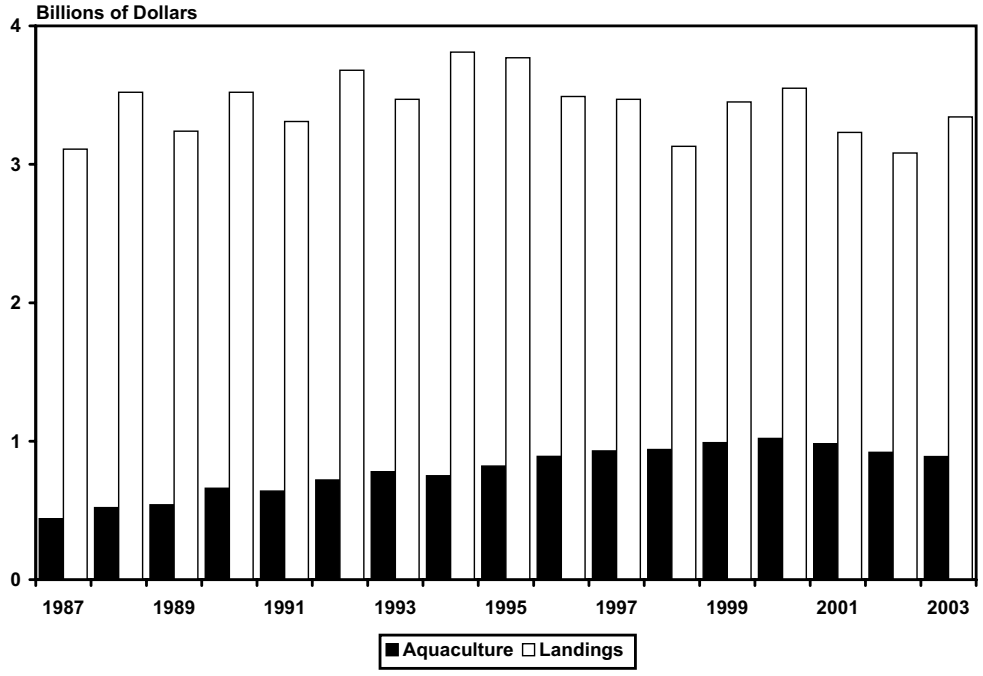
U.S. Commercial Landings

Volume of Domestic Commercial Landings and Aquaculture Production

Note: The 2003 aquaculture production is estimated

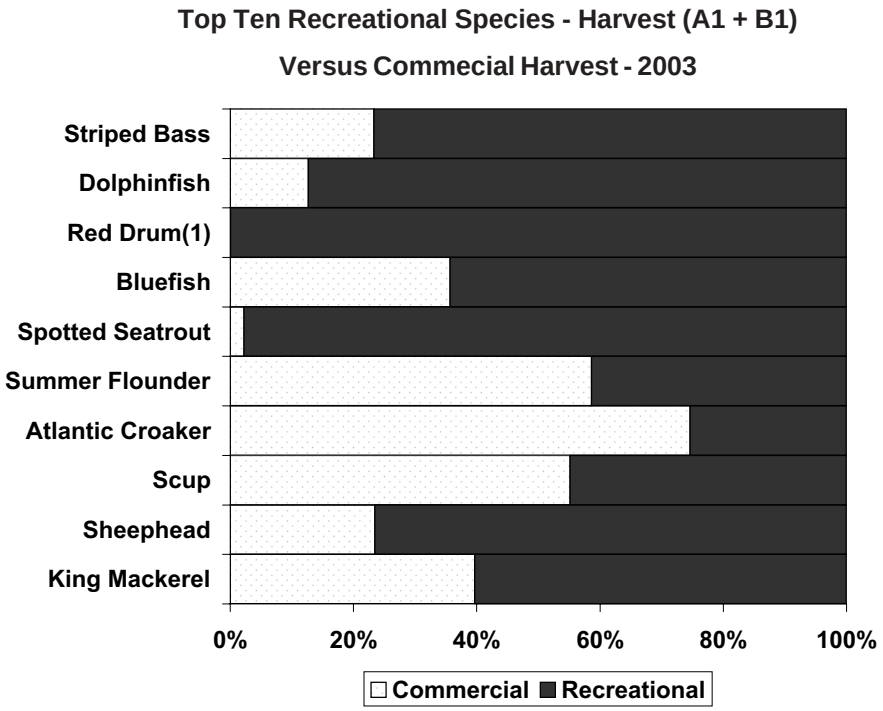


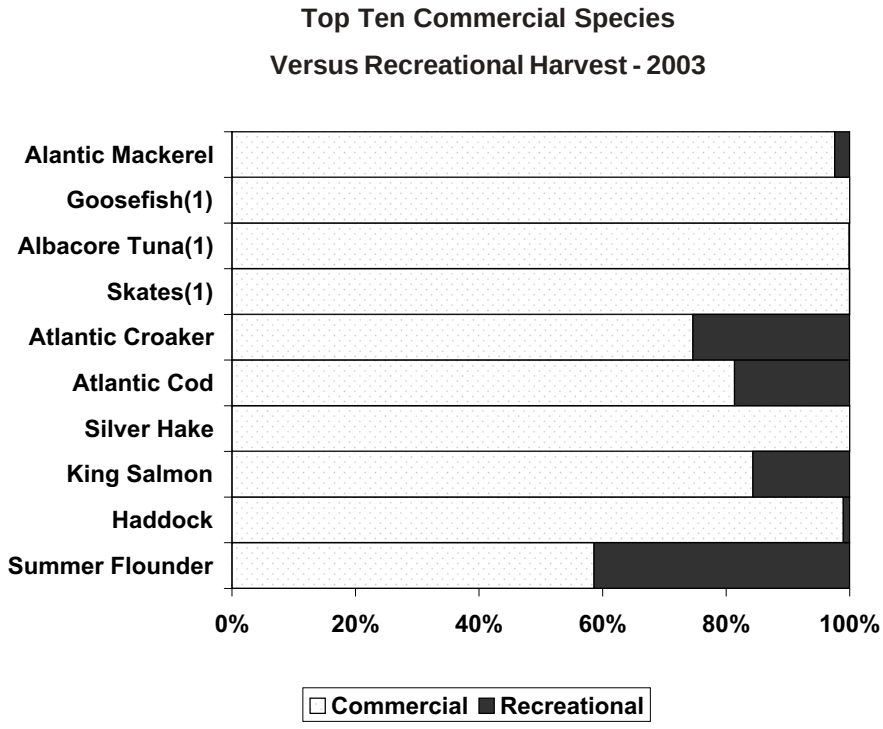
Value of Domestic Commercial Landings and Aquaculture Production



U.S. Commercial Landings

Comparisons between the top ten species in descending order of abundance by weight for U.S. commercial landings and recreational fish harvests. Does not include data for Alaska and Texas because no NMFS recreational surveys are conducted in those states. Menhaden, Pacific Hake, Atlantic Sea Herring , Pacific Sardine and Anchovy were excluded from commercial landings because they are industrial fisheries and recreational anglers do not target them.





(1) Less than 1 percent

DATA COLLECTION. Detailed information on marine recreational fishing is required to support a variety of fishery management and development purposes and is mandated by the Sustainable Fisheries Act, Public Law 94-265. In 1979, NMFS began the comprehensive Marine Recreational Fisheries Statistics Survey (MRFSS), covering all fishing modes (private/rental boat, party/charter boat, and shore), and including estuarine and brackish water. Although the recreational harvest is only about 9 percent of the total U.S. harvest of finfish for states covered by the MRFSS (see coverage section below), the fishing activities of millions of marine anglers are important to monitor because they are directed at relatively few species. Data collected through the MRFSS and other programs show that recreational fishing significantly impacts the stocks of many marine finfish species. Recreational catches even surpass commercial landings of some species (see figure on preceding page).

METHODS. The MRFSS consists of a telephone survey of coastal county households and a field intercept survey of completed angler fishing trips. The telephone survey collects data on the number of marine recreational fishing trips by residents of coastal counties. The intercept survey collects data on the proportion of fishing trips by residents of non-coastal counties, the species composition of catches, catch rates by species, and lengths and weights of landed fish. These data are combined to produce estimates of catch and effort. Catch estimates are separated into two categories – harvested catch and catch released alive. Harvested catch includes landed fish, catch used for bait, and catch released dead. Whenever possible MRFSS field interviewers identify, count, weigh, and measure landed fish that are available in whole form (catch type A). Angler reports are obtained for catch released alive (catch type B2) and for all other harvested catch (catch type B1), such as catch released dead, used for bait, or landed as fillets. Catch estimates are stratified by subregion, state, wave (bimonthly sampling period), species, fishing mode (private/rental boat, party/charter boat, and shore), primary area fished, and catch type. In addition, economic data are obtained and estimates of participation are produced.

In place of the MRFSS, Oregon and Washington conduct ocean boats surveys to produce catch and effort estimates. Oregon's Ocean Recreational Boat Survey (ORBS) and Washington's Ocean Sampling Program (OSP) consist of a field intercept survey for effort and catch of private/rental boats and party/charter boats. The effort data consist of censuses of boat trips from a particular ocean port inlet on sampled days. The catch data consist of fish species composition from sampled boats, numbers of anglers, type of fishing, lengths and weights of landed catch, and tag information from marked fish. Catch landed whole are examined by samplers, while other catch is reported by anglers or passenger boat crew. Other catch includes fillets and released fish. The catch rate data and boat counts are combined and expanded by type of day to produce catch and effort estimates in weekly to monthly time periods. Estimates of mean catch per boat, catch per angler, total angler trips and boat trips are produced for each port inlet or port group stratified by time period, type of boat, type of trip and water area. Catch estimates in numbers of fish and weight are produced for each species of fish with tag contribution rates for marked fish species.

On the Atlantic and Gulf coasts, effort for the party/charter fishing mode is now estimated through the For-Hire Survey (FHS), whereas on the Pacific coast effort is estimated through the Party Charter Phone Survey (PCPS). Both surveys differ from the MRFSS because they use a telephone survey of boats, rather than households, as the primary method for estimating fishing effort. The FHS and PCPS telephone surveys are weekly surveys that use a directory of charter boats and/or party/headboats as their sampling frame. Samples of boats are selected at random, and the operators of those boats are contacted for telephone interviews to collect information on the number of boat trips and the numbers of anglers who fished. The telephone surveys estimate the number of trips by boats included in the sampling frames. A dockside survey of boat slips is used to validate the phone-reported effort data and estimate appropriate corrections for any reporting errors. The total catch of any one species is calculated as the product of the adjusted estimate of total angler trips and the estimated mean catch per trip. Although separate estimates are generated for charter boat and party/headboat fishing through the FHS, estimates are not stratified by vessel type through the PCPS. This improved methodology was initiated in 2000 on the Gulf coast, in 2001 on the Pacific coast, and in 2003 on the Atlantic coast. FHS and PCPS numbers are included here for the Gulf and Pacific coasts but not for the Atlantic coast.

COVERAGE. In 2003, the MRFSS included the Atlantic coast (Maine-East Florida), Gulf coast (Louisiana-West Florida), Pacific coast (California, and for a partial year in Oregon and Washington), Puerto Rico and Hawaii. Detailed information and access to the data are available on the

Fisheries Statistics web page (http://www.st.nmfs.noaa.gov/st1/. Care is advised when comparing catch estimates for the MRFSS time series because of differences in sampling coverage.

- In the South Atlantic and Gulf sub-regions (NC-LA) the MRFSS has not collected catch data from head boats since 1985, so estimates for these sub-regions now only include charter boats in the for-hire sector.

- Marine recreational fishing in Texas is monitored by the Texas Department of Parks and Wildlife and has not been surveyed by the MRFSS since 1985.

- Prior to 1998, on the Pacific coast, ocean boat trips and salmon trips were not sampled during certain waves because they were surveyed by state natural resource agencies.

- Alaska conducts an annual mail survey and has never been surveyed by the MRFSS.

- West Pacific U.S. territories have not been surveyed by the MRFSS since 1981.

- Hawaii was not surveyed between 1981 and 2001.

- The U.S. Caribbean was not surveyed between 1981 and 2000.

Historically, only about five percent of the annual recreational catch on the Atlantic and Gulf coasts is taken during Wave 1 (January - February). Costs to sample these months are very high due to low fishing activity. Therefore, in Jan/Feb of 1981 the MRFSS was not conducted in any region. In 1982, Jan/Feb data collection resumed on the Pacific and Gulf coasts and also on the Atlantic coast of Florida. With a few exceptions (Georgia 1985-1989, South Carolina 1988, North Carolina 1988-1992), the MRFSS has not been conducted in Jan/Feb on the Atlantic coast north of Florida since 1980.

Time periods when the MRFSS has not been conducted:

- Nov/Dec (Maine and New Hampshire) - 1987 to present
- Mar/Apr (Maine and New Hampshire) - 1986 to present
- Jan/Feb (Northern California and Oregon) - 1994
- Jan/Feb (Southern California and Oregon) - 1995
- Nov/Dec (Oregon) - 1994
- Nov/Dec (Washington shore modes) - 2003
- July - Dec (Oregon shore modes) - 2003
- All Waves (California through Washington) - 1990 to 1993
- All Waves (Washington) - 1993 to 1994

Data from other NMFS and state surveys (e.g. southeast head boats, Texas, California Passenger Fishing Vessels, Pacific salmon, Alaska) are not included in this report. The numbers reported for Washington and Oregon for 2003 include shore trips for only part of the year.

DATA TABLES. The estimated harvests (numbers and weight of fish) for the continental U.S. and Hawaii (excluding Texas) are presented. Numbers of fish harvested and released alive are also presented for many important species groups. Estimated harvests are presented by subregion and primary fishing area: inland [sounds, rivers, bays], state territorial seas [ocean to 3 miles from shore, except for Florida's Gulf coast and Puerto Rico, where state territorial seas extend to 10 miles from shore], and Exclusive Economic Zone (EEZ) [ocean from the outer edge of the state territorial seas to 200 miles from shore]. The total numbers of estimated trips and participants are presented by state.

2003 MRFSS DATA. In 2003, about 13 million anglers made 82 million marine recreational fishing trips to the Atlantic, Gulf and Pacific coasts. The estimated total marine recreational catch was 452 million fish, of which over 55 percent were released alive. The estimated total weight of harvested catch was 263 million pounds. The Atlantic coast accounted for the majority of trips (62 percent) and catch (55 percent). The Gulf coast (excluding Texas), accounted for 29 percent of trips, and 38 percent of the catch. The Pacific coast accounted for 9 percent of trips, and 7 percent of the catch. Nationally, most (57 percent in numbers of fish) of the recreational catch came from inland waters, 31 percent from state territorial seas, and 12 percent from the EEZ. The majority of Atlantic, Gulf and Pacific trips fished primarily in inland waters.

ATLANTIC. In 2003, over 6.4 million in-state marine recreational fishing participants took over 49 million trips and caught a total of more than 243 million fish. Twenty-three percent of the trips were made in east Florida, followed by 14 percent in New Jersey, 14 percent in North Carolina, 11 percent in New York, 8 percent in Massachusetts, 7 percent in Maryland, and 6 percent in Virginia. Together, Connecticut, Rhode Island, and South Carolina accounted for 11 percent of the trips, and Delaware, Maine, Georgia, and New Hampshire accounted for the remaining percentage. The most commonly caught non-bait species (in numbers of fish) were Atlantic croaker, summer flounder, striped bass, bluefish, and scup. The

largest harvests by weight were striped bass, bluefish, summer flounder, Atlantic croaker and dolphin

The total annual catch of striped bass increased steadily from 8.5 million fish in 1994 to 17.5 million fish in 1997. After increasing from 14.1 million fish in 1999 to nearly 19 million fish in 2000, striped bass catch declined slightly to 15.6 million fish in 2001 and 2002, and then increased to 17.3 million fish in 2003. Over 86 percent of the striped bass caught in 2003 were released alive. Annual summer flounder catch decreased from 28 million fish in 2001 to 20.6 million fish in 2003. Over 78% of the summer flounder caught in 2003 were released alive. Bluefish catch decreased from 11.9 million in 1994 to levels varying between 9 and 13 million from 1996 through 1999, reached 20 million in 2001, and fell to15 million in 2003. Black sea bass catch, which varied between 9 and 16 million fish from 1994 through 1999, exceeded 18 million in 2000, but returned to around 14 million fish in 2003.

The species most commonly caught on Atlantic coast trips that fished primarily in federally managed waters were black sea bass, Atlantic cod, dolphin, summer flounder, and bluefish. Twenty-nine percent of the total Atlantic catch came on saltwater trips that fished primarily in the state territorial seas, and 59 percent came on trips that fished primarily in inland waters.

GULF OF MEXICO. In 2003, almost 3.3 million in-state marine recreational fishing participants took almost 23 million trips and caught over 167 million fish (excluding Texas). About 70 percent of the trips were made in west Florida, followed by 19 percent in Louisiana, 6 percent in Alabama, and 5 percent in Mississippi. The most commonly caught non-bait species (in numbers of fish) were spotted seatrout, red drum, gray snapper, white grunt, sand seatrout, Spanish mackerel, and Atlantic croaker. The largest harvests by weight were for red drum, spotted seatrout, sheepshead, red snapper, king mackerel, and Spanish mackerel.

Red snapper catch has varied over the last ten years between 1.5 (1995) and 3.2 (1999 and 2002) million fish, with a total catch of over 2.9 million in 2003. King mackerel catch has varied between 420,000 (1999) and 750,000 (1996) over the last ten years, with catch at 398,000 in 2003. Spotted seatrout catch has varied between 19 million and 28 million over the last ten years, with a catch of over 28 million in 2003. Red drum catch varied over the last ten years between 5.9 million (1994) and 8.7 million (2000), reaching 8.6 million in 2003.

The species most commonly caught on Gulf of Mexico trips that fished primarily in federally managed waters were white grunt, red snapper and black sea bass. Twenty-seven percent of the total Gulf catch came on trips that fished primarily in the state territorial seas, and 63 percent came on trips that fished primarily in inland waters.

PACIFIC. In 2003, about 2.5 million in-state marine recreational fishing participants took over 7.6 million trips and caught a total of 30 million fish. Eighty-five percent of the trips were made in CA, followed by 8 percent in WA, and 7 percent in OR. The most commonly caught non-bait species (in numbers of fish) were barred sand bass, kelp bass, black rockfish, lingcod, white croaker, coho salmon, barred surf perch, and California halibut. By weight, the largest harvests were Chinook salmon, albacore, lingcod, black rockfish, California halibut, and barred sand bass.

Total annual catch of lingcod, which has varied between 240,000 (1995) and 584,000 (2000) fish over the last ten years, reached 1.1 million in 2003. Most of this increase was due to fish released alive (744,000 in 2003). Total black rockfish catch, which has varied between 600,000 (1997) and 1.4 million (2000) fish over the last ten years, and exceeded 1.2 million fish in 2002, increased to 1.3 million fish in 2003

The most commonly caught Pacific coast species in federally managed waters were sanddabs, barred sand bass, Pacific barracuda, kelp bass, Chinook salmon, and California scorpionfish. Sixty-four percent of the total Pacific catch came from trips that fished primarily in the state territorial seas, and 24 percent came from trips that fished primarily in inland waters.

PUERTO RICO. In 2003, about 220,000 marine recreational participants took 1.1 million trips and caught a total of about 1.7 million fish. The most commonly caught non-bait species (in numbers of fish) were dolphin, silk snapper, yellowtail snapper, and lane snapper. By weight, the largest harvests were dolphin, wahoo, blue marlin, great barracuda, and silk snapper.

HAWAII. In 2003, about 440,000 marine recreational participants took 2.4 million trips and caught a total of about 12.5 million fish. The most commonly caught non-bait species (in numbers of fish) were iridescent cardinalfish, mackerel scad, bigeye scad, yellowstripe goatfish, skipjack tuna, and yellowfin tuna. By weight, the largest harvests were yellowfin tuna, wahoo, skipjack tuna, highfin rudderfish, hawaiian flagtail, and yellowstripe goatfish.

U.S. RECREATIONAL HARVEST (A+B1), BY SPECIES, 2002 AND 2003

Species	2002			2003			Average (1999-03)
	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds
Anchovies **							
Northern Anchovy	7	3	176	6	3	137	112
Other Anchovies	(1)	(1)	5	8	4	64	9
Barracudas	813	369	130	1,148	521	206	5,644
Bluefish	11,752	5,331	5,495	13,526	6,135	6,243	58,764
California Scorpionfish	310	141	251	197	89	171	1,377
Cartilaginous Fishes							
Dogfish Sharks **	71	32	110	171	78	66	632
Skates/Rays **	117	53	89	170	77	90	795
Spiny Dogfish	60	27	11	40	18	6	301
Other Sharks **	1,470	667	241	1,289	584	255	11,079
Catfishes							
Freshwater Catfishes	177	80	160	1,261	572	830	2,323
Saltwater Catfishes	748	339	533	880	399	592	4,360
Cods And Hakes							
Atlantic Cod	4,477	2,031	644	5,405	2,452	707	24,668
Pacific Cod	(1)	(1)	1	26	12	3	28
Pacific Hake	3	1	2	(1)	(1)	(1)	5
Pacific Tomcod	1	(1)	4	(1)	(1)	2	2
Pollock	841	382	239	206	93	158	3,542
Red Hake	17	8	25	4	2	48	116
Other Cods/Hakes	411	187	121	285	129	183	1,806
Croakers							
California Corbina	15	7	20	4	2	2	46
Queenfish	60	27	579	56	25	314	174
White Croaker	174	79	388	192	87	425	784
Other Croakers	512	232	174	630	286	99	2,872
Dolphinfishes **	14,797	6,712	1,822	14,866	6,743	2,083	78,981
Drums							
Atlantic Croaker	9,445	4,284	12,389	9,707	4,403	11,509	49,064
Black Drum	3,363	1,525	941	4,451	2,019	1,161	18,535
Kingfishes	2,059	934	4,122	2,733	1,240	5,655	13,713
Red Drum	12,755	5,786	2,827	14,682	6,660	3,151	68,577
Sand Seatrout	1,729	784	3,074	1,556	706	3,062	10,709
Silver Perch	32	15	216	55	25	314	345
Spot	2,315	1,050	5,336	4,556	2,067	9,274	14,246
Spotted Seatrout	10,756	4,879	8,143	13,206	5,990	10,496	67,869
Weakfish **	2,193	995	1,172	865	392	498	13,079
Other Drum	251	114	674	72	33	352	706
Eels **							
Other Eels	4	2	19	6	3	69	46
Hawaiian Flagtail	-	-	-	177	80	419	177
Flounders							
California Halibut **	1,718	779	251	1,842	835	199	7,937
Gulf Flounder	242	110	173	259	117	200	1,316
Rock Sole	26	12	41	5	2	3	59
Sanddabs	829	376	3,489	110	50	493	1,453
Southern Flounder	1,326	601	903	1,758	797	1,202	7,921
Starry Flounder	26	12	14	30	13	12	98

See footnotes at end of table.

U.S. RECREATIONAL HARVEST (A+B1), BY SPECIES, 2002 AND 2003

Species	2002			2003			Average (1999-03)
	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds
Summer Flounder	8,029	3,642	3,281	11,663	5,290	4,578	56,251
Winter Flounder	584	265	469	774	351	624	5,450
Other Flounders **	441	200	134	319	145	94	2,262
Goatfishes							
Bandtail Goatfish	-	-	-	3	1	66	3
Manybar Goatfish	-	-	-	9	4	39	19
Whitesaddle Goatfish	-	-	-	51	23	91	53
Yellowstripe Goatfish	-	-	-	155	70	556	155
Other Goatfishes	-	-	-	33	15	42	54
Greenlings							
Kelp Greenling	218	99	182	128	58	131	806
Lingcod	2,222	1,008	270	2,774	1,258	367	8,683
Other Greenlings	21	10	22	35	16	31	109
Grunts							
Pigfish	422	191	1,323	425	193	1,193	2,153
White Grunt	2,228	1,011	2,564	1,998	906	2,245	9,947
Other Grunts	116	53	561	148	67	749	954
Hawkfishes	-	-	-	(1)	(1)	28	(1)
**Herrings ** **							
Pacific Herring	291	132	1,895	27	12	158	405
Other Herrings	1,102	500	48,171	787	357	48,335	4,273
Jacks							
Bigeye Scad	-	-	-	160	72	590	234
Bigeye Trevally	-	-	-	2	1	9	2
Blue Runner	1,592	722	2,368	2,143	972	2,660	8,559
Bluefin Trevally	-	-	-	117	53	58	135
Crevalle Jack	902	409	708	1,157	525	545	7,433
Florida Pompano	635	288	528	1,014	460	892	3,830
Giant Trevally	-	-	-	129	59	32	134
Greater Amberjack	2,744	1,245	158	3,203	1,453	182	12,422
Island Jack	-	-	-	21	9	17	50
Mackerel Scad	-	-	-	9	4	1,360	245
Whitemouth Trevally	-	-	-	41	19	26	41
Yellowtail	711	322	54	843	382	82	5,853
Other Jacks	781	354	3,325	627	284	2,226	3,357
**Mullets ** **							
Other Mullets	2,490	1,129	9,768	3,405	1,545	9,714	14,710
Pacific Barracuda	2,049	929	440	941	427	193	7,481
Porgies							
Pinfishes	2,142	972	8,868	2,221	1,007	6,772	10,609
Red Porgy	80	36	72	103	47	97	425
Scup **	3,624	1,644	3,647	8,484	3,848	9,452	23,700
Sheepshead	4,983	2,260	1,972	7,849	3,560	3,095	29,415
Other Porgies **	95	43	203	125	57	220	641
Puffers	196	89	355	177	80	257	730
Rockfishes							
Black Rockfish	2,345	1,064	1,117	2,597	1,178	1,189	11,737
Blue Rockfish	985	447	772	560	254	479	3,434
Bocaccio	296	134	121	25	11	8	1,465

See footnotes at end of table.

U.S. RECREATIONAL HARVEST (A+B1), BY SPECIES, 2002 AND 2003

Species	2002			2003			Average (1999-03)
	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds
Brown Rockfish	221	100	151	331	150	208	1,041
Canary Rockfish	89	41	47	66	30	32	890
Chilipepper	85	39	45	0	0	0	336
Copper Rockfish	107	49	75	99	45	55	721
Gopher Rockfish	336	152	352	224	101	225	1,106
Greenspotted Rockfish	17	8	35	1	1	1	234
Olive Rockfish	178	81	151	96	43	73	595
Quillback Rockfish	52	24	26	41	18	19	297
Widow Rockfish	23	10	21	(1)	(1)	1	292
Yellowtail Rockfish	273	124	201	93	42	61	1,863
Other Rockfishes **	1,159	526	1,157	1,046	475	975	5,671
Sablefishes	58	26	14	18	8	2	79
Sculpins							
Cabezon	219	99	62	265	120	70	1,131
Other Sculpins	14	6	60	3	1	28	43
Sea Basses							
Barred Sand Bass	2,534	1,149	1,776	1,519	689	1,019	8,055
Black Sea Bass	5,248	2,380	4,223	3,992	1,811	4,023	20,734
Epinephelus Groupers **	2,012	913	330	1,650	748	286	9,107
Kelp Bass	784	356	569	748	339	514	3,387
Mycteroperca Groupers **	4,435	2,012	577	4,417	2,004	579	23,719
Spotted Sand Bass	67	30	52	81	37	66	332
Other Sea Basses	123	56	376	141	64	499	506
**Sea Chubs ** **							
Halfmoon	145	66	165	36	16	40	423
Highfin Rudderfish	-	-	-	454	206	124	454
Opaleye	70	32	48	27	12	25	289
Other Sea Chubs	2	1	1	135	61	79	139
Searobins	156	71	200	77	35	195	545
Silversides							
Jacksmelt	149	68	333	264	120	585	841
Other Silversides	35	16	311	10	4	634	83
**Smelts ** **							
Surf Smelt	312	141	4,174	143	65	1,595	942
Other Smelts	(1)	(1)	7	(1)	(1)	2	(1)
Snappers							
Blacktail Snapper	-	-	-	19	8	40	19
Bluestripe Snapper	-	-	-	35	16	114	43
Gray Snapper	1,907	865	1,158	2,603	1,181	1,550	9,593
Green Jobfish	-	-	-	118	53	19	118
Lane Snapper	210	95	228	326	148	361	1,420
Pink Snapper	-	-	-	104	47	45	104
Red Snapper	4,761	2,159	1,159	4,200	1,905	1,029	21,205
Vermilion Snapper	479	217	451	524	238	500	2,607
Yellowtail Snapper	336	152	293	455	207	390	1,733
Other Snappers **	598	271	220	1,029	467	359	3,094
Squirrel/Soldierfishes							
Bigscale Soldierfish	-	-	-	4	2	46	4
Whitetip Soldierfish	-	-	-	11	5	149	11

See footnotes at end of table.

U.S. RECREATIONAL HARVEST (A+B1), BY SPECIES, 2002 AND 2003

Species	2002			2003			Average (1999-03)
	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds
Other Soldierfishes	-	-	-	(1)	(1)	1	5
Sturgeons	403	183	18	1,178	534	42	3,442
Surfperches							
Barred Surfperch	117	53	166	293	133	366	703
Black Perch	40	18	50	39	18	70	173
Pile Perch	38	17	43	34	15	33	139
Redtail Surfperch	45	20	53	117	53	120	452
Shiner Perch	10	4	226	5	2	80	41
Silver Surfperch	5	2	21	9	4	33	52
Striped Seaperch	85	39	101	70	32	88	323
Walleye Surfperch	17	8	93	42	19	151	116
White Seaperch	8	4	26	7	3	18	44
Other Surfperches	66	30	122	39	18	103	229
Surgeonfishes	-	-	-	136	62	548	197
Temperate Basses							
Striped Bass	18,970	8,604	1,901	23,308	10,572	2,580	94,974
White Perch	659	299	1,382	1,202	545	2,700	3,266
Toadfishes	1	1	19	2	1	18	4
Triggerfishes/Filefishes	920	417	454	967	438	518	3,941
Tunas And Mackerels							
Atlantic Mackerel	2,852	1,294	3,663	1,698	770	2,460	14,070
Chub Mackerel	701	318	948	753	341	1,532	3,634
Kawakawa	-	-	-	5	2	9	23
King Mackerel **	6,846	3,106	693	7,787	3,532	814	38,105
Little Tunny/Atl. Bonito **	1,972	894	272	1,470	667	201	10,536
Pacific Bonito **	10	4	6	166	75	70	375
Spanish Mackerel	5,217	2,366	3,334	4,163	1,888	2,695	23,153
Other Tunas/Mackerels **	13,494	6,121	877 0	35,521	16,112	1,675	110,552
Wrasses							
California Sheephead	188	85	74	144	65	48	875
Cunner	17	8	64	34	15	33	164
Hawaiian Hogfish	-	-	-	5	2	9	8
Razorfishes	-	-	-	126	57	235	130
Tautog	5,431	2,464	1,501	2,358	1,070	731	16,470
Other Wrasses	171	78	92	243	110	214	853
Other Fishes **	14,541	6,595	5,611	10,972	4,977	12,177	69,663
Grand Total	**228,244**	**103,531**	**189,211**	**271,010**	**122,919**	**207,467**	**--**

(1) Number or pounds less than 1,000 or less than 1 metric ton.

Note:-- ** Fish included in these groups are not equivalent to those with similar names listed in the commercial tables.

U.S. RECREATIONAL HARVEST (A+B1), BY MODE OF FISHING AND SPECIES GROUP, 2003

Species	Mode of fishing									Grand Total		
	Charter boat			Private/Rental boat			Shore					
	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)
Anchovies **												
Northern Anchovy	-	-	-	2	1	34	4	2	103	6	3	137
Other Anchovies	-	-	-	-	-	-	8	4	64	8	4	64
Barracudas	144	65	14	795	361	124	209	95	68	1,148	521	206
Bluefish	1,654	750	559	8,100	3,674	3,135	3,772	1,711	2,549	13,526	6,135	6,243
California Scorpionfish	116	53	102	81	37	69	(1)	(1)	(1)	197	89	171
Cartilaginous Fishes												
Dogfish Sharks **	29	13	10	135	61	52	7	3	5	171	78	66
Skates/Rays **	2	1	1	104	47	60	64	29	29	170	77	90
Spiny Dogfish	1	(1)	(1)	39	18	4	(1)	(1)	2	40	18	6
Other Sharks **	222	101	28	814	369	171	253	115	56	1,289	584	255
Catfishes												
Freshwater Catfishes	2	1	3	898	407	652	361	164	175	1,261	572	830
Saltwater Catfishes	6	3	3	576	261	372	297	135	217	880	399	592
Cods And Hakes												
Atlantic Cod	1,239	562	233	4,166	1,890	475	-	-	-	5,405	2,452	707
Pacific Cod	(1)	(1)	(1)	26	12	3	-	-	-	26	12	3
Pacific Hake	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-	(1)	(1)	(1)
Pacific Tomcod	-	-	-	(1)	(1)	(1)	(1)	(1)	2	(1)	(1)	2
Pollock	81	37	23	121	55	128	4	2	7	206	93	158
Red Hake	2	1	45	2	1	3	-	-	-	4	2	48
Other Cods/Hakes	188	85	87	97	44	95	(1)	(1)	(1)	285	129	183
Croakers												
California Corbina	-	-	-	(1)	(1)	(1)	4	2	2	4	2	2
Queenfish	(1)	(1)	1	1	1	7	54	25	307	56	25	314
White Croaker	6	3	14	85	38	175	101	46	236	192	87	425
Other Croakers	196	89	16	375	170	37	58	26	46	630	286	99
Dolphinfishes **	3,113	1,412	464	11,381	5,163	1,597	372	169	22	14,866	6,743	2,083
Drums												
Atlantic Croaker	275	125	625	7,804	3,540	8,456	1,628	739	2,428	9,707	4,403	11,509
Black Drum	272	123	38	3,066	1,391	690	1,113	505	432	4,451	2,019	1,161
Kingfishes	14	6	21	1,287	584	2,541	1,432	649	3,093	2,733	1,240	5,655
Red Drum	1,806	819	221	11,952	5,421	2,762	923	419	169	14,682	6,660	3,151
Sand Seatrout	22	10	36	1,281	581	2,510	253	115	516	1,556	706	3,062
Silver Perch	(1)	(1)	(1)	5	2	24	50	23	290	55	25	314
Spot	207	94	602	2,852	1,294	5,184	1,497	679	3,488	4,556	2,067	9,274
Spotted Seatrout	867	393	594	11,736	5,324	9,539	603	273	364	13,206	5,990	10,496
Weakfish **	8	3	22	760	345	423	97	44	52	865	392	498
Other Drum	(1)	(1)	2	19	9	78	52	24	273	72	33	352
Eels **												
Other Eels	(1)	(1)	1	5	2	20	(1)	(1)	48	6	3	69
Hawaiian Flagtail	-	-	-	2	1	2	174	79	417	177	80	419

See footnotes at end of table.

U.S. RECREATIONAL HARVEST (A+B1), BY MODE OF FISHING AND SPECIES GROUP, 2003

Species	Mode of fishing									Grand Total		
	Charter boat			Private/Rental boat			Shore					
	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)
Flounders												
California Halibut **	142	64	14	1,661	753	180	39	17	5	1,842	835	199
Gulf Flounder	5	2	5	188	85	139	65	30	56	259	117	200
Rock Sole	1	(1)	1	4	2	3	-	-	-	5	2	3
Sanddabs	66	30	234	42	19	250	1	1	10	110	50	493
Southern Flounder	72	33	34	1,257	570	882	429	194	285	1,758	797	1,202
Starry Flounder	-	-	-	27	12	9	3	1	2	30	13	12
Summer Flounder	1,086	493	389	10,128	4,594	3,982	449	204	207	11,663	5,290	4,578
Winter Flounder	60	27	53	641	291	518	73	33	52	774	351	624
Other Flounders **	127	58	15	191	87	65	(1)	(1)	14	319	145	94
Goatfishes												
Bandtail Goatfish	-	-	-	-	-	-	3	1	66	3	1	66
Manybar Goatfish	-	-	-	4	2	10	5	2	29	9	4	39
Whitesaddle Goatfish	-	-	-	6	3	3	45	20	89	51	23	91
Yellowstripe Goatfish	-	-	-	7	3	2	148	67	554	155	70	556
Other Goatfishes	(1)	(1)	-	28	13	37	6	3	5	33	15	42
Greenlings												
Kelp Greenling	18	8	12	79	36	81	31	14	37	128	58	131
Lingcod	441	200	60	2,280	1,034	297	53	24	10	2,774	1,258	367
Other Greenlings	(1)	(1)	(1)	3	1	3	32	14	28	35	16	31
Grunts												
Pigfish	1	(1)	2	258	117	698	167	76	493	425	193	1,193
White Grunt	170	77	162	1,785	810	2,015	43	20	67	1,998	906	2,245
Other Grunts	1	1	6	96	44	444	50	23	299	148	67	749
Hawkfishes	-	-	-	-	-	-	(1)	(1)	28	(1)	(1)	28
**Herrings ** **												
Pacific Herring	(1)	(1)	(1)	17	8	94	10	4	63	27	12	158
Other Herrings	1	1	167	189	86	26,872	597	271	21,296	787	357	48,335
Jacks												
Bigeye Scad	-	-	-	(1)	(1)	22	160	72	569	160	72	590
Bigeye Trevally	-	-	-	2	1	4	(1)	(1)	5	2	1	9
Blue Runner	35	16	35	1,003	455	1,020	1,105	501	1,605	2,143	972	2,660
Bluefin Trevally	-	-	-	38	17	10	79	36	48	117	53	58
Crevalle Jack	21	10	4	516	234	198	619	281	343	1,157	525	545
Florida Pompano	23	10	15	254	115	137	737	334	739	1,014	460	892
Giant Trevally	-	-	-	5	2	2	124	56	30	129	59	32
Greater Amberjack	1,468	666	82	1,652	749	97	83	37	3	3,203	1,453	182
Island Jack	-	-	-	16	7	14	4	2	3	21	9	17
Mackerel Scad	-	-	-	9	4	1,360	-	-	-	9	4	1,360
Whitemouth Trevally	-	-	-	-	-	-	41	19	26	41	19	26
Yellowtail	163	74	22	680	308	60	-	-	-	843	382	82
Other Jacks	163	74	140	169	77	1,031	295	134	1,055	627	284	2,226

See footnotes at end of table.

U.S. RECREATIONAL HARVEST (A+B1), BY MODE OF FISHING AND SPECIES GROUP, 2003

Species	Mode of fishing									Grand Total		
	Charter boat			Private/Rental boat			Shore					
	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)
Mullets **												
Other Mullets	2	1	6	1,597	724	5,699	1,806	819	4,009	3,405	1,545	9,714
Pacific Barracuda	706	320	146	232	105	46	3	1	1	941	427	193
Porgies												
Pinfishes	7	3	21	1,222	554	3,696	992	450	3,054	2,221	1,007	6,772
Red Porgy	48	22	40	55	25	57	-	-	-	103	47	97
Scup **	825	374	1,330	6,993	3,172	7,264	665	302	859	8,484	3,848	9,452
Sheepshead	1,149	521	461	4,995	2,266	1,970	1,705	773	664	7,849	3,560	3,095
Other Porgies **	21	9	19	96	44	147	8	4	54	125	57	220
Puffers	1	(1)	1	18	8	38	158	72	218	177	80	257
Rockfishes												
Black Rockfish	928	421	398	1,657	752	778	13	6	12	2,597	1,178	1,189
Blue Rockfish	154	70	154	405	184	324	1	(1)	1	560	254	479
Bocaccio	3	2	1	22	10	7	(1)	(1)	1	25	11	8
Brown Rockfish	77	35	52	251	114	152	3	1	4	331	150	208
Canary Rockfish	21	9	9	45	20	23	-	-	-	66	30	32
Chilipepper	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-	(1)	(1)	(1)
Copper Rockfish	27	12	15	70	32	39	1	1	1	99	45	55
Gopher Rockfish	46	21	50	177	80	174	1	(1)	1	224	101	225
Greenspotted Rockfish	(1)	(1)	(1)	1	1	1	-	-	-	1	1	1
Olive Rockfish	31	14	28	64	29	44	(1)	(1)	1	96	43	73
Quillback Rockfish	10	5	4	30	14	15	-	-	-	41	18	19
Widow Rockfish	(1)	(1)	1	(1)	(1)	1	-	-	-	(1)	(1)	1
Yellowtail Rockfish	53	24	34	40	18	27	1	(1)	1	93	42	61
Other Rockfishes **	285	129	387	745	338	576	17	8	12	1,046	475	975
Sablefishes	8	4	1	10	4	1	-	-	-	18	8	2
Sculpins												
Cabezon	40	18	8	188	85	48	37	17	14	265	120	70
Other Sculpins	(1)	(1)	(1)	(1)	(1)	19	3	1	8	3	1	28
Sea Basses												
Barred Sand Bass	826	375	587	691	313	428	2	1	4	1,519	689	1,019
Black Sea Bass	1,795	814	2,143	2,187	992	1,862	10	4	18	3,992	1,811	4,023
Epinephelus Groupers **	346	157	55	1,291	586	225	13	6	6	1,650	748	286
Kelp Bass	276	125	222	468	212	288	4	2	4	748	339	514
Mycteroperca Groupers **	923	418	117	3,489	1,583	462	5	2	1	4,417	2,004	579
Spotted Sand Bass	(1)	(1)	(1)	74	33	60	7	3	6	81	37	66
Other Sea Basses	4	2	8	127	58	407	10	5	84	141	64	499
Sea Chubs **												
Halfmoon	19	9	20	14	7	16	3	1	4	36	16	40
Highfin Rudderfish	-	-	-	-	-	-	454	206	124	454	206	124
Opaleye	4	2	3	12	5	10	11	5	12	27	12	25
Other Sea Chubs	1	(1)	(1)	(1)	(1)	(1)	134	61	78	135	61	79

See footnotes at end of table.

U.S. RECREATIONAL HARVEST (A+B1), BY MODE OF FISHING AND SPECIES GROUP, 2003

Species	Mode of fishing									Grand Total		
	Charter boat			Private/Rental boat			Shore					
	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)
Searobins	8	4	14	20	9	70	49	22	111	77	35	195
Silversides												
Jacksmelt	1	(1)	1	137	62	286	126	57	298	264	120	585
Other Silversides	(1)	(1)	(1)	1	(1)	33	9	4	600	10	4	634
Smelts **												
Surf Smelt	-	-	-	(1)	(1)	(1)	143	65	1,595	143	65	1,595
Other Smelts	-	-	-	-	-	-	(1)	(1)	2	(1)	(1)	2
Snappers												
Blacktail Snapper	-	-	-	(1)	(1)	12	19	8	27	19	8	40
Bluestripe Snapper	(1)	(1)	-	24	11	38	11	5	76	35	16	114
Gray Snapper	371	168	144	1,989	902	1,164	243	110	242	2,603	1,181	1,550
Green Jobfish	-	-	-	76	35	12	41	19	7	118	53	19
Lane Snapper	35	16	29	265	120	287	26	12	45	326	148	361
Pink Snapper	-	-	-	104	47	25	(1)	(1)	19	104	47	45
Red Snapper	1,927	874	525	2,273	1,031	504	(1)	(1)	(1)	4,200	1,905	1,029
Vermilion Snapper	244	111	213	279	126	286	1	(1)	1	524	238	500
Yellowtail Snapper	129	59	89	313	142	284	13	6	17	455	207	390
Other Snappers **	68	31	11	857	389	302	104	47	47	1,029	467	359
Squirrel/Soldierfishes												
Bigscale Soldierfish	-	-	-	4	2	2	(1)	(1)	43	4	2	46
Whitetip Soldierfish	-	-	-	11	5	13	(1)	(1)	136	11	5	149
Other Soldierfishes	-	-	-	(1)	(1)	1	-	-	-	(1)	(1)	1
Sturgeons	78	35	4	1,053	478	37	47	21	1	1,178	534	42
Surfperches												
Barred Surfperch	-	-	-	2	1	2	292	132	364	293	133	366
Black Perch	(1)	(1)	1	13	6	16	27	12	54	39	18	70
Pile Perch	(1)	(1)	(1)	14	6	15	20	9	18	34	15	33
Redtail Surfperch	-	-	-	15	7	13	101	46	106	117	53	120
Shiner Perch	(1)	(1)	(1)	(1)	(1)	1	5	2	79	5	2	80
Silver Surfperch	-	-	-	(1)	(1)	(1)	9	4	33	9	4	33
Striped Seaperch	(1)	(1)	(1)	27	12	37	43	20	51	70	32	88
Walleye Surfperch	-	-	-	3	1	3	40	18	148	42	19	151
White Seaperch	(1)	(1)	1	1	(1)	1	6	3	16	7	3	18
Other Surfperches	(1)	(1)	1	10	5	10	29	13	93	39	18	103
Surgeonfishes	-	-	-	16	7	70	119	54	478	136	62	548
Temperate Basses												
Striped Bass	2,522	1,144	413	18,834	8,543	1,967	1,951	885	199	23,308	10,572	2,580
White Perch	6	3	19	1,072	486	2,311	123	56	369	1,202	545	2,700
Toadfishes	(1)	(1)	(1)	2	1	8	(1)	(1)	10	2	1	18
Triggerfishes/Filefishes	280	127	141	646	293	362	40	18	14	967	438	518

See footnotes at end of table.

U.S. RECREATIONAL HARVEST (A+B1), BY MODE OF FISHING AND SPECIES GROUP, 2003

Species	Mode of fishing									Grand Total		
	Charter boat			Private/Rental boat			Shore					
	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)
Tunas And Mackerels												
Atlantic Mackerel	116	53	160	1,310	594	1,872	272	123	428	1,698	770	2,460
Chub Mackerel	56	25	74	237	108	300	459	208	1,158	753	341	1,532
Kawakawa	-	-	-	5	2	9	-	-	-	5	2	9
King Mackerel **	1,239	562	143	6,116	2,774	636	432	196	35	7,787	3,532	814
Little Tunny/Atl. Bonito **	332	151	47	973	442	132	164	75	23	1,470	667	201
Pacific Bonito **	60	27	28	100	45	40	7	3	3	166	75	70
Spanish Mackerel	345	157	210	2376	1078	1456	1441	654	1029	4163	1888	2695
Other Tunas/Mackerels **	7,736	3,509	354	27,636	12,535	1,305	149	68	17	35,521	16,112	1,676
Wrasses												
California Sheephead	32	14	15	111	50	32	1	1	1	144	65	48
Cunner	30	14	18	2	1	3	2	1	11	34	15	33
Hawaiian Hogfish	-	-	-	5	2	4	(1)	(1)	5	5	2	9
Razorfishes	(1)	(1)	-	126	57	235	-	-	-	126	57	235
Tautog	236	107	108	1,780	807	530	342	155	93	2,358	1,070	731
Other Wrasses	5	2	3	220	100	139	18	8	72	243	110	214
Other Fishes **	1,757	797	497	8,064	3,658	2,813	1,151	522	8,867	10,972	4,977	12,177
Grand Total	**40,785**	**18,499**	**14,801**	**196,190**	**88,991**	**122,543**	**33,028**	**14,981**	**69,878**	**270,020**	**122,470**	**207,225**

(1) Number or pounds less than 1,000 or less than 1 metric ton.

Note:-- ** Fish included in these groups are not equivalent to those with similar names listed in the commercial tables.

U.S. RECREATIONAL HARVEST (A+B1), BY DISTANCE FROM SHORE AND SPECIES GROUP, 2003

Species	Distance from U.S. shores									Grand Total		
	Inland			0 to 3 miles (2) (State Territorial Sea)			3 to 200 miles (Exclusive Economic Zone)					
	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)
Anchovies **												
Northern Anchovy	3	1	47	3	1	90	-	-	-	6	3	137
Other Anchovies	-	-	-	8	4	64	-	-	-	8	4	64
Barracudas	112	51	33	610	277	118	426	193	54	1,148	521	206
Bluefish	7,093	3,217	3,217	4,597	2,085	2,539	1,836	833	487	13,526	6,135	6,243
California Scorpionfish	18	8	15	85	39	75	94	43	81	197	89	171
Cartilaginous Fishes												
Dogfish Sharks **	127	58	50	17	8	8	27	12	8	171	78	66
Skates/Rays **	149	67	73	22	10	17	(1)	(1)	(1)	170	77	90
Spiny Dogfish	15	7	3	24	11	2	(1)	(1)	(1)	40	18	6
Other Sharks **	415	188	94	507	230	98	367	167	63	1,289	584	255
Catfishes												
Freshwater Catfishes	1,261	572	830	(1)	(1)	(1)	-	-	-	1,261	572	830
Saltwater Catfishes	546	248	367	330	150	222	4	2	3	880	399	592
Cods And Hakes												
Atlantic Cod	2	1	1	280	127	62	5,123	2,324	645	5,405	2,452	707
Pacific Cod	(1)	(1)	(1)	26	12	3	-	-	-	26	12	3
Pacific Hake	-	-	-	(1)	(1)	(1)	-	-	-	(1)	(1)	(1)
Pacific Tomcod	(1)	(1)	(1)	(1)	(1)	2	-	-	-	(1)	(1)	2
Pollock	52	24	27	59	27	25	94	43	107	206	93	158
Red Hake	(1)	(1)	(1)	(1)	(1)	(1)	4	2	48	4	2	48
Other Cods/Hakes	3	1	7	6	3	15	276	125	161	285	129	183
Croakers												
California Corbina	(1)	(1)	(1)	4	2	2	-	-	-	4	2	2
Queenfish	35	16	200	20	9	112	1	(1)	3	56	25	314
White Croaker	110	50	237	78	35	174	5	2	13	192	87	425
Other Croakers	57	26	31	569	258	67	4	2	2	630	286	99
Dolphinfishes **	216	98	11	1,722	781	209	12,927	5,864	1,863	14,866	6,743	2,083
Drums												
Atlantic Croaker	8,555	3,881	10,167	765	347	946	387	175	396	9,707	4,403	11,509
Black Drum	3,653	1,657	783	753	342	370	45	20	9	4,451	2,019	1,161
Kingfishes	1,455	660	2,968	1,251	567	2,631	27	12	56	2,733	1,240	5,655
Red Drum	12,184	5,527	2,737	2,262	1,026	372	236	107	43	14,682	6,660	3,151
Sand Seatrout	1,377	625	2,762	160	72	262	20	9	37	1,556	706	3,062
Silver Perch	28	13	141	27	12	173	(1)	(1)	(1)	55	25	314
Spot	3,185	1,445	6,055	1,365	619	3,206	7	3	12	4,556	2,067	9,274
Spotted Seatrout	11,092	5,031	9,029	2,028	920	1,405	86	39	63	13,206	5,990	10,496
Weakfish **	679	308	344	176	80	132	10	4	21	865	392	498
Other Drum	28	12	106	44	20	245	(1)	(1)	1	72	33	352
Eels **												
Other Eels	6	3	47	(1)	(1)	16	(1)	(1)	6	6	3	69
Hawaiian Flagtail	(1)	(1)	7	177	80	412	-	-	-	177	80	419

See footnotes at end of table.

U.S. RECREATIONAL HARVEST (A+B1), BY DISTANCE FROM SHORE AND SPECIES GROUP, 2003

Species	Distance from U.S. shores									Grand Total		
	Inland			0 to 3 miles (2) (State Territorial Sea)			3 to 200 miles (Exclusive Economic Zone)					
	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)
Flounders												
California Halibut **	759	344	86	1,058	480	109	25	11	4	1,842	835	199
Gulf Flounder	135	61	120	99	45	66	25	11	14	259	117	200
Rock Sole	(1)	(1)	1	3	2	2	1	1	1	5	2	3
Sanddabs	2	1	11	36	17	201	71	32	281	110	50	493
Southern Flounder	1,401	636	1,001	328	149	182	29	13	19	1,758	797	1,202
Starry Flounder	20	9	9	10	5	3	-	-	-	30	13	12
Summer Flounder	6,943	3,149	2,825	3,775	1,712	1,373	945	429	380	11,663	5,290	4,578
Winter Flounder	664	301	524	101	46	92	8	4	8	774	351	624
Other Flounders **	13	6	30	302	137	44	3	1	20	319	145	94
Goatfishes												
Bandtail Goatfish	(1)	(1)	2	3	1	63	-	-	-	3	1	66
Manybar Goatfish	-	-	-	9	4	39	-	-	-	9	4	39
Whitesaddle Goatfish	5	2	2	46	21	89	-	-	-	51	23	91
Yellowstripe Goatfish	1	1	108	154	70	448	-	-	-	155	70	556
Other Goatfishes	3	1	8	30	14	17	(1)	(1)	17	33	15	42
Greenlings												
Kelp Greenling	64	29	77	61	27	51	4	2	3	128	58	131
Lingcod	182	83	24	2,358	1,069	316	235	106	28	2,774	1,258	367
Other Greenlings	7	3	8	28	13	23	(1)	(1)	(1)	35	16	31
Grunts												
Pigfish	291	132	770	114	52	369	20	9	54	425	193	1,193
White Grunt	167	76	226	457	207	576	1,374	623	1,443	1,998	906	2,245
Other Grunts	41	19	186	92	42	346	14	6	217	148	67	749
Hawkfishes	-	-	-	(1)	(1)	28	-	-	-	(1)	(1)	28
**Herrings ** **												
Pacific Herring	23	10	132	4	2	26	-	-	-	27	12	158
Other Herrings	583	265	28,286	194	88	16,356	9	4	3,692	787	357	48,335
Jacks												
Bigeye Scad	(1)	(1)	83	160	72	508	-	-	-	160	72	590
Bigeye Trevally	-	-	-	2	1	9	-	-	-	2	1	9
Blue Runner	202	92	274	1,371	622	1,756	570	258	630	2,143	972	2,660
Bluefin Trevally	54	24	16	48	22	40	15	7	2	117	53	58
Crevalle Jack	546	248	268	558	253	267	53	24	10	1,157	525	545
Florida Pompano	297	135	171	717	325	720	(1)	(1)	(1)	1,014	460	892
Giant Trevally	12	5	6	117	53	26	-	-	-	129	59	32
Greater Amberjack	9	4	(1)	415	188	24	2,780	1,261	158	3,203	1,453	182
Island Jack	-	-	-	20	9	11	1	(1)	6	21	9	17
Mackerel Scad	-	-	-	9	4	54	(1)	(1)	1,306	9	4	1,360
Whitemouth Trevally	41	19	26	-	-	-	-	-	-	41	19	26
Yellowtail	-	-	-	545	247	41	298	135	41	843	382	82
Other Jacks	53	24	143	365	166	1,480	209	95	604	627	284	2,226

See footnotes at end of table.

U.S. RECREATIONAL HARVEST (A+B1), BY DISTANCE FROM SHORE AND SPECIES GROUP, 2003

Species	Distance from U.S. shores									Grand Total		
	Inland			0 to 3 miles (2) (State Territorial Sea)			3 to 200 miles (Exclusive Economic Zone)					
	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)
Mullets **												
Other Mullets	3,031	1,375	7,238	355	161	2,269	19	9	207	3,405	1,545	9,714
Pacific Barracuda	22	10	4	369	167	77	550	249	112	941	427	193
Porgies												
Pinfishes	1,055	479	3,367	1,026	465	2,916	140	63	489	2,221	1,007	6,772
Red Porgy	-	-	-	8	4	9	95	43	88	103	47	97
Scup **	7,158	3,247	7,285	1,130	512	1,714	197	89	453	8,484	3,848	9,452
Sheepshead	4,998	2,267	2,037	2,630	1,193	986	220	100	72	7,849	3,560	3,095
Other Porgies **	4	2	37	59	27	109	61	28	74	125	57	220
Puffers	21	9	51	153	69	199	3	2	7	177	80	257
Rockfishes												
Black Rockfish	48	22	31	2,332	1,058	1,070	217	98	88	2,597	1,178	1,189
Blue Rockfish	3	1	2	548	249	470	9	4	7	560	254	479
Bocaccio	(1)	(1)	(1)	10	4	3	15	7	5	25	11	8
Brown Rockfish	5	2	6	312	142	190	14	6	12	331	150	208
Canary Rockfish	1	1	(1)	55	25	27	9	4	5	66	30	32
Chilipepper	-	-	-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Copper Rockfish	10	5	7	81	37	43	8	4	5	99	45	55
Gopher Rockfish	1	1	1	221	100	223	1	(1)	1	224	101	225
Greenspotted Rockfish	-	-	-	1	(1)	1	(1)	(1)	(1)	1	1	1
Olive Rockfish	(1)	(1)	(1)	93	42	70	3	1	3	96	43	73
Quillback Rockfish	4	2	3	25	11	11	12	6	5	41	18	19
Widow Rockfish	-	-	-	(1)	(1)	1	-	-	-	(1)	(1)	1
Yellowtail Rockfish	1	(1)	(1)	89	40	59	3	1	2	93	42	61
Other Rockfishes **	12	5	9	849	385	733	185	84	233	1,046	475	975
Sablefishes	-	-	-	17	8	2	(1)	(1)	1	18	8	2
Sculpins												
Cabezon	12	5	4	246	112	64	6	3	2	265	120	70
Other Sculpins	2	1	23	(1)	(1)	5	(1)	(1)	(1)	3	1	28
Sea Basses												
Barred Sand Bass	102	46	77	707	321	460	710	322	482	1,519	689	1,019
Black Sea Bass	244	111	240	834	378	691	2,913	1,321	3,091	3,992	1,811	4,023
Epinephelus Groupers **	21	9	3	259	118	66	1,370	621	217	1,650	748	286
Kelp Bass	13	6	11	631	286	422	105	48	81	748	339	514
Mycteroperca Groupers **	188	85	25	887	402	117	3,342	1,516	437	4,417	2,004	579
Spotted Sand Bass	78	36	64	2	1	2	1	(1)	(1)	81	37	66
Other Sea Basses	10	5	102	89	41	212	41	19	185	141	64	499
Sea Chubs **												
Halfmoon	(1)	(1)	1	35	16	39	(1)	(1)	(1)	36	16	40
Highfin Rudderfish	-	-	-	454	206	124	-	-	-	454	206	124
Opaleye	2	1	4	25	11	21	-	-	-	27	12	25
Other Sea Chubs	41	19	8	93	42	71	-	-	-	135	61	79

See footnotes at end of table.

U.S. RECREATIONAL HARVEST (A+B1), BY DISTANCE FROM SHORE AND SPECIES GROUP, 2003

Species	Distance from U.S. shores									Grand Total		
	Inland			0 to 3 miles (2) (State Territorial Sea)			3 to 200 miles (Exclusive Economic Zone)					
	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)
Searobins	26	12	106	43	20	68	7	3	21	77	35	195
Silversides												
Jacksmelt	78	35	184	186	84	401	(1)	(1)	(1)	264	120	585
Other Silversides	6	3	416	4	2	218	(1)	(1)	(1)	10	4	634
Smelts **												
Surf Smelt	8	4	142	134	61	1,452	(1)	(1)	(1)	143	65	1,595
Other Smelts	(1)	(1)	(1)	(1)	(1)	2	-	-	-	(1)	(1)	2
Snappers												
Blacktail Snapper	6	3	20	13	6	18	(1)	(1)	2	19	8	40
Bluestripe Snapper	(1)	(1)	40	33	15	59	2	1	15	35	16	114
Gray Snapper	736	334	784	498	226	356	1,369	621	410	2,603	1,181	1,550
Green Jobfish	3	1	(1)	104	47	17	11	5	2	118	53	19
Lane Snapper	18	8	27	126	57	159	182	82	176	326	148	361
Pink Snapper	(1)	(1)	19	104	47	20	(1)	(1)	5	104	47	45
Red Snapper	10	4	3	388	176	134	3,803	1,725	892	4,200	1,905	1,029
Vermilion Snapper	3	1	2	49	22	63	472	214	436	524	238	500
Yellowtail Snapper	8	4	9	113	51	106	334	152	275	455	207	390
Other Snappers **	22	10	11	553	251	262	454	206	86	1,029	467	359
Squirrel/Soldierfishes												
Bigscale Soldierfish	-	-	-	4	2	46	-	-	-	4	2	46
Whitetip Soldierfish	-	-	-	11	5	149	-	-	-	11	5	149
Other Soldierfishes	-	-	-	(1)	(1)	1	-	-	-	(1)	(1)	1
Sturgeons	1,178	534	42	(1)	(1)	(1)	-	-	-	1,178	534	42
Surfperches												
Barred Surfperch	4	2	5	290	131	361	-	-	-	293	133	366
Black Perch	20	9	38	20	9	32	(1)	(1)	(1)	39	18	70
Pile Perch	21	10	22	12	5	10	1	(1)	(1)	34	15	33
Redtail Surfperch	41	19	34	76	34	85	-	-	-	117	53	120
Shiner Perch	3	1	43	3	1	37	(1)	(1)	(1)	5	2	80
Silver Surfperch	(1)	(1)	1	9	4	32	-	-	-	9	4	33
Striped Seaperch	43	19	60	27	12	28	-	-	-	70	32	88
Walleye Surfperch	10	5	25	32	15	126	-	-	-	42	19	151
White Seaperch	4	2	10	3	1	8	(1)	(1)	(1)	7	3	18
Other Surfperches	8	4	37	31	14	66	(1)	(1)	(1)	39	18	103
Surgeonfishes	20	9	206	116	53	342	-	-	-	136	62	548
Temperate Basses												
Striped Bass	13,248	6,009	1,719	7,477	3,391	628	2,583	1,172	232	23,308	10,572	2,580
White Perch	1,181	536	2,653	20	9	47	(1)	(1)	(1)	1,202	545	2,700
Toadfishes	2	1	15	(1)	(1)	2	(1)	(1)	1	2	1	18
Triggerfishes/Filefishes	22	10	11	281	128	161	663	301	345	967	438	518

See footnotes at end of table.

U.S. RECREATIONAL HARVEST (A+B1), BY DISTANCE FROM SHORE AND SPECIES GROUP, 2003

Species	Distance from U.S. shores									Grand Total		
	Inland			0 to 3 miles (2) (State Territorial Sea)			3 to 200 miles (Exclusive Economic Zone)					
	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)
Tunas And Mackerels												
Atlantic Mackerel	531	241	687	749	340	1,206	418	190	568	1,698	770	2,460
Chub Mackerel	184	83	384	476	216	1,033	93	42	115	753	341	1,532
Kawakawa	-	-	-	2	1	6	3	1	3	5	2	9
King Mackerel **	38	17	6	2,720	1,234	280	5,029	2,281	528	7,787	3,532	814
Little Tunny/Atl. Bonito **	10	5	2	637	289	89	823	373	111	1,470	667	201
Pacific Bonito **	7	3	3	83	38	41	76	34	27	166	75	70
Spanish Mackerel	958	434	687	2,607	1,182	1,717	598	271	292	4,163	1,888	2,695
Other Tunas/Mackerels **	45	21	8	4,852	2,201	210	30,623	13,890	1,457	35,521	16,112	1,675
Wrasses												
California Sheephead	1	(1)	(1)	131	60	42	12	5	6	144	65	48
Cunner	4	2	11	(1)	(1)	3	30	14	18	34	15	33
Hawaiian Hogfish	-	-	-	5	2	8	(1)	(1)	1	5	2	9
Razorfishes	-	-	-	124	56	163	2	1	72	126	57	235
Tautog	1,641	744	460	449	204	157	268	122	115	2,358	1,070	731
Other Wrasses	4	2	5	84	38	111	155	70	97	243	110	214
Other Fishes **	2,465	1,118	5,884	3,451	1,565	5,712	5,056	2,294	582	10,972	4,977	12,177
Grand Total	**104,703**	**47,496**	**111,289**	**76,832**	**34,850**	**69,620**	**99,623**	**45,184**	**26,525**	**281,170**	**127,528**	**207,433**

(1) Number or pounds less than 1,000 or less than 1 metric ton.

(2) Except West Florida where the state territorial seas extend 0 to 10 miles.

Note: ** Fish included in these groups are not equivalent to those with similar names listed in the commercial tables.

U.S. RECREATIONAL HARVEST (A+B1) AND TOTAL LIVE RELEASES (B2), BY SPECIES GROUP, 1994-2003

Year	Barracudas			Bluefish		
	Pounds harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)	Pounds harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)
1994	1,656	211	695	15,992	6,056	6,349
1995	1,627	246	673	14,901	5,411	5,552
1996	1,956	229	616	12,119	4,426	5,591
1997	1,719	162	437	14,559	5,585	7,609
1998	1,162	150	397	12,778	4,430	5,340
1999	1,192	139	393	8,612	3,856	8,022
2000	1,061	156	396	10,945	5,036	11,594
2001	1,431	180	338	13,930	7,016	14,142
2002	813	130	354	11,752	5,495	10,273
2003	1,148	206	369	13,526	6,243	9,453

Year	Cartilaginous Fishes			Catfishes		
	Pounds harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)	Pounds harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)
1994	4,357	597	5,903	1,887	1,595	14,223
1995	9,956	602	5,449	1,566	1,258	13,495
1996	4,955	557	6,107	1,586	1,008	8,334
1997	4,050	565	6,794	1,886	915	8,573
1998	3,312	523	6,805	1,663	973	7,961
1999	3,109	351	6,182	998	709	7,703
2000	3,765	538	8,871	1,470	918	11,331
2001	2,544	538	11,640	1,149	747	12,271
2002	1,718	451	9,863	925	693	9,943
2003	1,670	417	12,311	2,140	1,422	13,559

Year	Cods and Hakes			Dolphinfishes		
	Pounds harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)	Pounds harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)
1994	5,125	1,636	1,590	12,778	2,214	236
1995	6,021	1,648	1,601	19,570	2,268	337
1996	3,907	879	831	12,484	1,665	241
1997	3,652	1,042	782	22,796	2,263	232
1998	3,551	849	1,049	11,923	1,875	186
1999	2,978	781	974	13,413	2,064	217
2000	6,501	1,507	2,062	18,044	2,403	310
2001	9,010	1,702	2,367	17,861	2,213	311
2002	5,752	1,036	1,624	14,797	1,822	142
2003	5,926	1,102	1,760	14,866	2,083	272

See footnotes at end of table.

U.S. RECREATIONAL HARVEST (A+B1) AND TOTAL LIVE RELEASES (B2), BY SPECIES GROUP, 1994-2003

Year	Drums			Flounders		
	Pounds harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)	Pounds harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)
1994	38,708	48,128	46,699	13,819	9,891	15,377
1995	42,213	41,406	41,598	11,275	6,667	16,079
1996	39,068	35,110	37,941	14,862	10,526	16,087
1997	44,601	39,759	50,664	16,972	10,285	16,850
1998	41,257	36,515	44,094	16,619	9,206	19,215
1999	43,814	39,505	49,908	12,908	6,499	19,855
2000	60,216	47,254	63,076	22,870	11,739	21,998
2001	56,031	49,654	50,044	16,991	8,463	27,178
2002	44,898	38,894	50,620	13,221	8,755	17,204
2003	51,883	45,471	57,819	16,758	7,405	18,849

Year	Grunts			Herrings		
	Pounds harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)	Pounds harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)
1994	2,891	5,633	8,256	763	26,411	12,137
1995	3,112	5,534	7,868	976	26,010	4,947
1996	2,449	3,962	6,395	1,096	22,735	8,402
1997	2,597	4,559	6,798	1,913	36,824	3,966
1998	1,904	3,436	5,805	964	26,927	7,316
1999	2,038	3,259	7,210	649	23,278	7,625
2000	2,333	3,695	6,471	630	31,552	8,000
2001	3,345	4,847	8,647	1,193	34,872	7,311
2002	2,765	4,448	6,803	1,393	50,067	7,722
2003	2,571	4,187	6,896	813	48,493	8,564

Year	Jacks			Mullets		
	Pounds harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)	Pounds harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)
1994	6,271	4,150	7,198	3,095	3,891	495
1995	4,880	3,319	5,631	2,114	4,176	594
1996	6,059	3,625	5,091	1,901	2,796	937
1997	8,181	4,954	7,178	2,474	2,857	401
1998	10,229	4,203	7,958	2,670	3,240	516
1999	6,969	3,434	6,776	2,241	5,710	904
2000	9,123	5,452	7,780	2,846	7,095	2,188
2001	9,372	7,977	10,248	3,728	7,445	2,022
2002	7,366	7,140	7,094	2,490	9,768	1,843
2003	9,465	8,680	7,954	3,405	9,714	2,206

See footnotes at end of table.

U.S. RECREATIONAL HARVEST (A+B1) AND TOTAL LIVE RELEASES (B2), BY SPECIES GROUP, 1994-2003

Year	Porgies			Puffers		
	Pounds harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)	Pounds harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)
1994	10,057	13,659	13,048	97	248	893
1995	10,985	14,696	12,175	132	255	694
1996	9,182	13,475	11,114	116	247	579
1997	8,498	13,113	14,589	153	284	762
1998	7,735	10,777	13,803	63	148	615
1999	8,397	10,520	12,630	59	175	1,117
2000	13,508	16,538	17,078	117	241	1,194
2001	13,179	17,142	19,944	181	349	1,597
2002	10,924	14,762	16,961	196	355	1,427
2003	18,781	19,636	17,102	177	257	1,454
Year	Sculpins			Sea Basses		
	Pounds harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)	Pounds harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)
1994	188	87	289	11,791	7,921	14,502
1995	191	140	453	15,327	10,970	17,392
1996	294	164	387	10,896	7,412	12,839
1997	213	138	468	11,318	7,927	15,895
1998	312	130	319	8,483	3,561	11,886
1999	222	102	228	9,352	3,865	14,627
2000	220	80	457	15,598	7,717	26,777
2001	232	117	401	13,139	6,997	24,064
2002	233	122	542	15,203	7,903	26,498
2003	268	98	303	12,548	6,985	22,042
Year	Searobins			Snappers		
	Pounds harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)	Pounds harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)
1994	48	125	4,582	7,229	4,083	6,396
1995	22	101	4,710	6,161	3,533	6,591
1996	212	193	5,094	5,150	2,674	6,148
1997	242	238	5,528	7,587	3,504	8,259
1998	106	202	3,796	7,100	3,340	7,360
1999	78	122	5,950	7,344	3,384	7,331
2000	96	170	7,689	7,086	2,694	8,187
2001	138	143	8,176	7,804	3,706	6,995
2002	156	200	7,763	8,290	3,509	7,998
2003	77	195	7,989	9,412	4,407	10,068

See footnotes at end of table.

U.S. RECREATIONAL HARVEST (A+B1) AND TOTAL LIVE RELEASES (B2), BY SPECIES GROUP, 1994-2003

Year	Temperate Basses			Toadfishes		
	Pounds harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)	Pounds harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)
1994	7,890	2,827	10,490	28	61	1,720
1995	13,443	2,382	12,303	1	30	1,618
1996	14,543	3,560	14,881	1	14	1,048
1997	17,682	4,315	20,155	0	33	1,119
1998	14,084	3,324	18,576	2	10	994
1999	14,839	2,564	15,527	0	9	911
2000	19,054	3,847	21,360	0	4	1,481
2001	20,209	2,748	15,428	0	7	2,094
2002	19,629	3,283	16,050	1	19	1,590
2003	24,510	5,279	19,346	2	18	1,590

Year	Triggerfishes/Filefishes			Tunas And Mackerels		
	Pounds harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)	Pounds harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)
1994	1,414	740	179	36,290	12,040	5,507
1995	1,208	671	192	37,436	9,258	5,810
1996	849	468	268	34,422	9,165	6,477
1997	1,086	511	232	41,198	11,504	6,654
1998	775	390	233	30,355	7,208	4,116
1999	757	390	196	33,935	8,331	3,916
2000	649	231	200	41,738	9,827	5,464
2001	649	359	242	42,120	11,430	7,302
2002	920	454	312	31,092	9,793	6,623
2003	967	518	270	51,561	9,458	6,227

Year	Wrasses			California Scorpionfish		
	Pounds harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)	Pounds harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)
1994	4,149	1,760	2,484	258	242	126
1995	5,131	2,058	3,288	224	212	139
1996	3,548	1,292	1,741	339	342	234
1997	2,597	930	1,820	206	243	132
1998	1,756	573	2,053	186	161	66
1999	2,958	951	3,101	297	280	105
2000	3,773	1,108	2,468	268	230	237
2001	3,051	1,031	3,062	304	293	289
2002	5,808	1,731	3,598	310	251	401
2003	2,909	1,270	2,076	197	171	353

See footnotes at end of table.

U.S. RECREATIONAL HARVEST (A+B1) AND TOTAL LIVE RELEASES (B2), BY SPECIES GROUP, 1994-2003

Year	Croakers			Greenlings		
	Pounds harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)	Pounds harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)
1994	446	1,329	2,781	1,016	294	109
1995	696	1,136	687	963	252	144
1996	919	1,562	965	1,370	408	285
1997	557	773	731	1,062	299	244
1998	426	616	401	1,410	271	299
1999	692	547	530	1,516	270	249
2000	825	596	681	1,494	323	551
2001	717	657	747	1,189	294	593
2002	761	1,161	931	2,461	474	1,174
2003	882	840	789	2,938	529	863
Year	Pacific Barracuda			Rockfishes		
	Pounds harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)	Pounds harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)
1994	2,016	526	1,239	4,811	3,786	698
1995	2,491	563	816	4,190	2,917	665
1996	1,011	234	350	4,812	3,743	808
1997	1,700	374	475	3,797	2,987	680
1998	2,059	450	752	5,594	4,136	736
1999	1,988	423	475	6,195	4,943	478
2000	1,511	354	517	6,621	4,719	612
2001	992	311	515	5,520	3,914	786
2002	2,049	440	836	6,166	4,270	1,165
2003	941	193	373	5,180	3,329	1,391
Year	Sea Chubs			Silversides		
	Pounds harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)	Pounds harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)
1994	106	108	42	138	379	116
1995	225	217	31	317	818	210
1996	78	71	18	297	740	161
1997	66	58	12	169	711	438
1998	87	108	47	154	463	194
1999	92	82	14	129	396	147
2000	137	125	72	127	613	163
2001	208	191	96	210	904	241
2002	217	214	83	184	644	328
2003	651	267	32	273	1,219	469
Year	Smelts			Surfperches		
	Pounds harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)	Pounds harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)
1994	91	1,209	9	443	820	363
1995	122	1,418	5	709	1,181	649
1996	492	4,625	15	949	1,466	687
1997	120	1,629	35	640	1,180	755
1998	358	4,837	10	1,007	1,436	489
1999	28	1,223	9	415	700	356
2000	140	1,965	8	345	811	428
2001	319	3,667	78	426	954	524
2002	312	4,181	25	431	902	637
2003	143	1,597	143	655	1,062	1,044

(1) Number or pounds less than 1,000 or less than 1 metric ton.

U.S. RECREATIONAL FINFISH HARVEST (A+B1) AND RELEASED (B2), BY STATE, 2002 and 2003

State	2002		
	Pounds Harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)
California	24,274	15,834	14,635
Oregon	6,221	3,392	803
Washington	4,633	4,841	2,512
Connecticut	4,026	2,130	4,049
Maine	1,801	1,404	1,768
Massachusetts	14,196	5,115	10,582
New Hampshire	1,104	408	637
Rhode Island	4,066	2,074	3,825
Delaware	3,484	1,599	4,153
Maryland	7,102	4,317	11,408
New Jersey	15,540	7,772	17,767
New York	12,465	4,282	14,393
Virginia	14,861	12,832	17,502
Florida	59,200	91,536	86,454
Georgia	1,100	1,090	2,409
North Carolina	17,879	10,976	14,387
South Carolina	1,794	2,077	2,884
Alabama	6,895	3,270	4,091
Louisiana	21,989	10,457	14,108
Mississippi	3,159	2,536	3,592
Hawaii	--	--	--
Puerto Rico	2,454	1,266	159
Grand Total	**228,243**	**189,208**	**232,118**

State	2003		
	Pounds Harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)
California	23,434	14,640	12,707
Oregon	2,975	1,030	469
Washington	1,701	1,195	555
Connecticut	6,026	2,572	3,590
Maine	748	732	1,077
Massachusetts	13,896	5,322	9,648
New Hampshire	1,451	736	975
Rhode Island	4,412	2,198	3,166
Delaware	1,827	1,177	3,431
Maryland	10,622	9,059	14,559
New Jersey	17,152	8,341	23,723
New York	18,770	9,897	14,746
Virginia	13,506	11,117	16,396
Florida	61,501	87,020	89,160
Georgia	2,203	1,993	4,922
North Carolina	22,010	13,180	14,053
South Carolina	3,781	3,208	5,841
Alabama	8,328	4,217	4,901
Louisiana	27,970	13,523	20,057
Mississippi	2,855	2,460	3,761
Hawaii	21,076	12,084	427
Puerto Rico	3,768	1,527	150
Grand Total	**270,012**	**207,228**	**248,314**

U.S. RECREATIONAL NUMBERS OF ANGLERS AND TRIPS BY STATES, 2002 AND 2003

State	2002			
	Out-of-State Anglers	In-State Anglers		Number of Angler Trips
		From Coastal Counties	From Non-Coastal Counties	
	Numbers in thousands			
California	299	1,632	103	14,688
Oregon	99	273	26	1,963
Washington	41	414	19	3,572
Connecticut	87	283	--	1,650
Maine	172	127	17	906
Massachusetts	344	465	96	4,206
New Hampshire	65	60	11	318
Rhode Island	214	134	--	1,512
Delaware	177	89	--	1,028
Maryland	330	430	41	2,837
New Jersey	239	400	17	5,409
New York	41	387	8	4,118
Virginia	407	337	73	3,254
Florida	2,774	3,007	--	24,722
Georgia	37	58	54	619
North Carolina	1,130	409	226	5,586
South Carolina	161	177	55	1,254
Alabama	193	123	97	1,190
Louisiana	117	484	68	3,019
Mississippi	49	175	52	1,038
Hawaii	--	--	--	--
Puerto Rico	41	197	--	1,301
Grand Total	**7,017**	**9,661**	**963**	**84,190**

State	2003			
	Out-of-State Anglers	In-State Anglers		Number of Angler Trips
		From Coastal Counties	From Non-Coastal Counties	
	Numbers in thousands			
California	--	--	--	6,549
Oregon	--	--	--	502
Washington	--	--	--	614
Connecticut	112	361	--	1,564
Maine	170	165	23	919
Massachusetts	306	434	112	4,085
New Hampshire	75	91	16	416
Rhode Island	253	147	--	1,595
Delaware	199	127	--	1,104
Maryland	418	526	53	3,330
New Jersey	462	592	20	6,779
New York	82	599	19	5,525
Virginia	288	384	52	3,113
Florida	3,111	3,378	--	27,453
Georgia	42	112	113	971
North Carolina	1,298	524	281	6,733
South Carolina	270	222	79	2,098
Alabama	214	187	123	1,500
Louisiana	204	727	79	4,271
Mississippi	48	159	53	1,177
Hawaii	180	261	--	2,402
Puerto Rico	35	185	--	1,111
Grand Total	**7,767**	**9,181**	**1,023**	**83,811**

NOTE: All counties in HI, PR, RI, CT, DE, and FL are considered coastal.

NOTE: Out-of-state angler estimates are not additive across states.

NOTE: HI angler and participation data not available for 2002; CA, OR, and WA angler data not available for 2003.

WORLD AQUACULTURE AND COMMERCIAL CATCHES, 1993-2002

Year	World aquaculture			World commercial catch			Grand Total
	Inland	Marine	Total	Inland	Marine	Total	
	Metric tons			Metric tons			
	Live weight			Live weight			
1993	10,071,216	7,734,546	17,805,762	6,596,214	79,956,636	86,552,850	104,358,612
1994	11,754,936	9,086,965	20,841,901	6,726,895	85,355,157	92,082,052	112,923,953
1995	13,532,712	10,852,295	24,385,007	7,275,116	85,105,045	92,380,161	116,765,168
1996	15,412,257	11,296,401	26,708,658	7,433,689	86,412,954	93,846,643	120,555,301
1997	17,045,804	11,644,896	28,690,700	7,575,487	86,723,099	94,298,586	122,989,286
1998	17,980,135	12,582,510	30,562,645	8,067,057	79,604,977	87,672,034	118,234,679
1999	19,511,319	13,935,430	33,446,749	8,527,706	85,246,346	93,774,052	127,220,801
2000	20,447,138	15,049,160	35,496,298	8,730,632	86,771,372	95,502,004	130,998,302
2001	21,665,706	16,123,389	37,789,095	8,698,092	84,163,995	92,862,087	130,651,182
2002	22,963,857	16,834,714	39,798,571	8,738,167	84,452,487	93,190,654	132,989,225

Note:--Data for marine mammals and aquatic plants are excluded.
Source:--Food and Agriculture Organization of the United Nations (FAO).

WORLD AQUACULTURE AND COMMERCIAL CATCHES OF FISH, CRUSTACEANS, AND MOLLUSKS, 2001-2002

Species group	2001			2002		
	Aquaculture	Catch	Total	Aquaculture	Catch	Total
	Metric tons			Metric tons		
		Live-weight			Live-weight	
Herrings, sardines, anchovies	-	20,628,706	20,628,706	-	22,472,563	22,472,563
Carps, barbels, cyprinids	16,286,873	548,894	16,835,767	16,692,147	592,962	17,285,109
Cods, hakes, haddocks	1,019	9,244,845	9,245,864	1,445	8,392,479	8,393,924
Tunas, bonitos, billfishes	8,856	5,722,174	5,731,030	9,445	6,088,337	6,097,782
Salmons, trouts, smelts	1,791,213	891,042	2,682,255	1,799,383	806,998	2,606,381
Tilapias	1,404,904	688,101	2,093,005	1,505,804	682,639	2,188,443
Flatfish	28,459	948,651	977,110	38,909	918,840	957,749
Sharks, rays, chimaeras	-	819,327	819,327	-	818,542	818,542
Shads	1	661,200	661,201	35	585,303	585,338
River eels	231,007	12,856	243,863	231,632	14,038	245,670
Sturgeons, paddlefish	3,091	2,269	5,360	3,816	1,859	5,675
Other fishes	4,594,480	38,102,105	42,696,585	5,445,995	37,147,543	42,593,538
Shrimp	1,280,457	2,949,714	4,230,171	1,292,476	2,979,336	4,271,812
Crabs	164,232	1,138,284	1,302,516	194,131	1,176,115	1,370,246
Lobsters	34	222,052	222,086	17	222,132	222,149
Krill	-	104,219	104,219	-	125,987	125,987
Other crustaceans	551,200	2,054,944	2,606,144	644,360	2,202,131	2,846,491
Oysters	4,205,619	198,161	4,403,780	4,317,380	186,699	4,504,079
Clams, cockles, arkshells	3,109,551	824,201	3,933,752	3,430,820	825,651	4,256,471
Squids, cuttlefishes, octopus	16	3,307,969	3,307,985	14	3,173,272	3,173,286
Scallops	1,219,127	702,737	1,921,864	1,226,568	741,516	1,968,084
Mussels	1,385,666	275,676	1,661,342	1,444,734	264,101	1,708,835
Abalones, winkles, conchs	3,445	123,398	126,843	2,816	110,740	113,556
Other mollusks	1,355,116	2,128,757	3,483,873	1,361,741	2,125,400	3,487,141
Sea urchins, other echinoderms	5	107,156	107,161	25	124,995	125,020
Miscellaneous	164,724	454,649	619,373	154,878	410,476	565,354
Total	**37,789,095**	**92,862,087**	**130,651,182**	**39,798,571**	**93,190,654**	**132,989,225**

Note:--Data for 2001 are revised. Data for marine mammals and aquatic plants are excluded.
Source:--Food and Agriculture Organization of the United Nations (FAO).

WORLD AQUACULTURE AND COMMERCIAL CATCHES BY COUNTRY OF FISH, CRUSTACEANS, AND MOLLUSKS, 2001-2002

Country	2001			2002		
	Aquaculture	Catch	Total	Aquaculture	Catch	Total
	Metric tons Live-weight			Metric tons Live-weight		
China	26,050,101	16,529,389	42,579,490	27,767,251	16,553,144	44,320,395
Peru	9,404	7,986,103	7,995,507	8,440	8,766,991	8,775,431
India	2,119,839	3,777,092	5,896,931	2,191,704	3,770,912	5,962,616
United States	479,254	4,944,336	5,423,590	497,346	4,937,305	5,434,651
Indonesia	864,276	4,273,662	5,137,938	914,066	4,505,474	5,419,540
Japan	801,944	4,713,006	5,514,950	828,433	4,443,000	5,271,433
Chile	566,096	3,797,140	4,363,236	545,655	4,271,475	4,817,130
Thailand	724,228	2,932,374	3,656,602	644,890	2,921,216	3,566,106
Russian Federation	89,945	3,628,459	3,718,404	101,340	3,232,295	3,333,635
Norway	510,748	2,687,303	3,198,051	553,933	2,743,184	3,297,117
Philippines	434,661	1,949,026	2,383,687	443,319	2,030,542	2,473,861
Iceland	4,371	1,980,715	1,985,086	3,585	2,129,655	2,133,240
Viet Nam	518,500	1,490,303	2,008,803	518,500	1,508,000	2,026,500
South Korea	294,484	1,990,722	2,285,206	296,783	1,668,979	1,965,762
Bangladesh	712,640	1,068,417	1,781,057	786,604	1,103,855	1,890,459
Mexico	76,075	1,398,592	1,474,667	73,675	1,450,654	1,524,329
Denmark	41,573	1,510,461	1,552,034	32,026	1,442,068	1,474,094
Malaysia	158,158	1,234,733	1,392,891	165,119	1,275,555	1,440,674
Burma	121,266	1,166,868	1,288,134	121,266	1,312,642	1,433,908
China - Taipei	297,428	1,005,199	1,302,627	330,166	1,042,756	1,372,922
All others	2,914,104	22,798,187	25,712,291	2,974,470	22,080,952	25,055,422
Total	**37,789,095**	**92,862,087**	**130,651,182**	**39,798,571**	**93,190,654**	**132,989,225**

Note:--For the United States the weight of clams, oysters, scallops, and other mollusks includes the shell weight. This weight is not included in U.S. landings shown elsewhere. Data for marine mammals and aquatic plants are excluded.
Source:--Food and Agriculture Organization of the United Nations (FAO).

WORLD AQUACULTURE AND COMMERCIAL CATCHES BY AREA OF FISH, CRUSTACEANS, AND MOLLUSKS, 2001-2002

Country	2001			2002		
	Aquaculture	Catch	Total	Aquaculture	Catch	Total
	Metric tons Live-weight			Metric tons Live-weight		
Marine Areas						
Atlantic Ocean:						
Northeast	1,315,707	11,143,204	12,458,911	1,307,923	11,048,962	12,356,885
Northwest	108,149	2,240,365	2,348,514	104,761	2,245,008	2,349,769
Eastern central	251	3,929,630	3,929,881	342	3,373,623	3,373,965
Western central	85,094	1,686,404	1,771,498	99,919	1,764,352	1,864,271
Southeast	2,680	1,648,084	1,650,764	2,675	1,701,440	1,704,115
Southwest	52,877	2,287,502	2,340,379	71,793	2,089,660	2,161,453
Mediterranean and Black Sea	367,777	1,570,335	1,938,112	339,264	1,550,099	1,889,363
Indian Ocean:						
Eastern	432,253	4,877,380	5,309,633	432,048	5,100,261	5,532,309
Western	30,563	3,981,292	4,011,855	44,074	4,243,330	4,287,404
Pacific Ocean:						
Northeast	134,724	2,759,090	2,893,814	141,812	2,702,885	2,844,697
Northwest	11,286,336	22,550,874	33,837,210	12,063,628	21,436,229	33,499,857
Eastern central	60,875	1,860,373	1,921,248	63,540	2,037,267	2,100,807
Western central	640,227	10,103,215	10,743,442	538,639	10,510,202	11,048,841
Southeast	633,595	12,653,427	13,287,022	611,092	13,765,143	14,376,235
Southwest	93,343	752,661	846,004	106,053	739,868	845,921
Antarctic	-	120,159	120,159	-	144,158	144,158
Inland Areas						
Africa	366,787	2,051,183	2,417,970	405,320	2,092,924	2,498,244
Asia	21,053,159	5,734,686	26,787,845	22,295,148	5,722,141	28,017,289
Europe	479,242	347,242	826,484	467,769	354,270	822,039
North America	414,512	174,959	589,471	448,661	170,614	619,275
South America	227,141	368,803	595,944	250,864	377,313	628,177
Oceania	3,803	21,219	25,022	3,246	20,905	24,151
Total	**37,789,095**	**92,862,087**	**130,651,182**	**39,798,571**	**93,190,654**	**132,989,225**

Note:--Data for marine mammals and aquatic plants are excluded.
Source:--Food and Agriculture Organization of the United Nations (FAO).

WORLD IMPORTS AND EXPORTS OF SEVEN FISHERY COMMODITY GROUPS, BY LEADING COUNTRIES, 1998-2002

Country	1998	1999	2000	2001	2002
	Thousand U.S. dollars				
IMPORTS:					
Japan	13,032,751	14,991,704	15,742,561	13,649,228	13,862,959
United States	8,667,431	9,499,500	10,553,850	10,384,571	10,150,422
Spain	3,559,700	3,305,921	3,372,480	3,733,478	3,867,431
France	3,537,734	3,317,915	3,018,121	3,087,695	3,237,053
Italy	2,833,765	2,748,663	2,555,491	2,732,804	2,917,341
Germany	2,649,313	2,309,380	2,282,399	2,370,057	2,440,391
United Kingdom	2,409,858	2,305,521	2,209,877	2,263,407	2,355,587
China	1,011,028	1,146,031	1,820,699	1,816,022	2,226,628
South Korea	580,531	1,165,903	1,398,606	1,648,642	1,882,849
Denmark	1,774,799	1,832,234	1,860,058	1,787,230	1,879,327
Other Countries	16,043,963	15,946,531	16,186,766	16,809,620	17,497,562
Total	**56,100,873**	**58,569,303**	**61,000,908**	**60,282,754**	**62,317,550**
EXPORTS:					
China	2,744,392	3,064,160	3,706,339	4,106,214	4,600,704
Thailand	4,038,054	4,122,627	4,384,437	4,054,130	3,692,158
Norway	3,682,575	3,781,100	3,550,369	3,385,263	3,601,215
United States	2,451,559	3,003,763	3,118,839	3,379,748	3,318,519
Canada	2,278,703	2,631,777	2,835,295	2,812,348	3,052,136
Denmark	2,915,017	2,891,381	2,765,888	2,670,738	2,883,986
Viet Nam	822,265	942,361	1,484,413	1,783,513	2,034,995
Chile	1,650,369	1,763,102	1,858,390	2,006,707	1,924,613
Spain	1,552,359	1,619,411	1,617,457	1,859,140	1,903,364
Netherlands	1,373,510	1,754,731	1,351,828	1,427,251	1,812,577
Other Countries	28,361,485	27,966,135	29,378,740	29,439,570	30,129,065
Total	**51,870,288**	**53,540,548**	**56,051,995**	**56,924,622**	**58,953,332**

Note:-- Data for 1998-2001 are revised. Data on imports and exports cover the international trade of 176 countries or areas. The total value of exports is consistently less than the value of imports, probably because charges for insurance, freight, and similar expenses were included in the import value, but not in the export value. The seven fishery commodity groups covered by this table are: 1. Fish, fresh, chilled or frozen; 2. Fish, dried, salted, or smoked; 3. Crustaceans and mollusks, fresh, dried, salted, etc.; 4. Fish products and preparations, whether or not in airtight containers; 5. Crustacean and mollusk products preparations, whether or not in airtight containers; 6. Oils and fats, crude or refined, of aquatic animal origin; and 7. Meals, solubles, and similar animal foodstuffs of aquatic animal origin.
Source:--Food and Agriculture Organization of the United Nations (FAO).

DISPOSITION OF WORLD AQUACULTURE AND COMMERCIAL CATCHES, 1998-2002

Item	1998	1999	2000	2001	2002
	Percent of Total				
Marketed fresh	41.1	39.4	38.8	40.0	39.7
Frozen	21.0	19.5	19.2	20.1	20.0
Canned	8.9	8.5	8.4	8.5	8.7
Cured	8.2	7.6	7.4	7.6	7.3
Reduced to meal and oil (1)	16.6	20.2	21.1	18.4	19.0
Miscellaneous purposes	4.2	4.8	5.1	5.4	5.3
Total	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**

Note:-- Data for 1998-2001 are revised. Data for marine mammals and aquatic plants are excluded. (1) Only whole fish destined for the manufacture of oils and meals are included. Raw material for reduction derived from fish primarily destined for marketing fresh, frozen, canned, cured, and miscellaneous purposes is excluded; such waste quantities are included under the other disposition channels.
Source:--Food and Agriculture Organization of the United Nations (FAO).

Processed Fishery Products

FRESH AND FROZEN

FISH FILLETS AND STEAKS. In 2003 the U.S. production of raw (uncooked) fish fillets and steaks, including blocks, was 611.4 million pounds–94.3 million pounds more than the 517.1 million pounds in 2002. These fillets and steaks were valued at $1.1 billion. Alaska pollock fillets and blocks led all species with 366.5 million pounds–60 percent of the total. Production of groundfish fillets and steaks (see Glossary Section-Groundfish) was 465.6 million pounds.

FISH STICKS AND PORTIONS. The combined production of fish sticks and portions was 193.6 million pounds valued at $261.7 million compared with the 2002 production of 234.3 million pounds valued at $288.5 million.The total production of fish sticks amounted to 31.5 million pounds valued at $34.7 million. The total production of fish portions amounted to 162.1 million pounds valued at $226.9 million.

BREADED SHRIMP. The production of breaded shrimp in 2003 was 152.0 million pounds valued at $465.3 million, compared with the 2002 production of 146.7 million pounds valued at $463.8 million.

CANNED PRODUCTS

CANNED FISHERY PRODUCTS. The pack of canned fishery products in the 50 states, American Samoa, and Puerto Rico was 1.3 billion pounds valued at $1.2 billion—a decrease of 16.2 million pounds and $65.9 million compared with the 2002 pack. The 2003 pack included 863.7 million pounds valued at $1.1 billion for human consumption and 437.2 million pounds valued at $162.7 million for bait and animal food.

CANNED SALMON. The 2003 U.S. pack of salmon was 188.1 million pounds valued at $242.2 million, compared with 223.7 million pounds valued at $295.7 million packed in 2002.

CANNED SARDINES. The pack of Maine sardines (small herring) can not be shown due to the confidential nature of the data.

CANNED TUNA. The U.S. pack of tuna was 529.3 million pounds valued at $668.5 million—a decrease of 17.7 million pounds in quantity and $6.9 million in value compared with the 2002 pack. The pack of albacore tuna was 199.1 million pounds comprising 38 percent of the tuna pack in 2003. Lightmeat tuna (bigeye, bluefin, skipjack, and yellowfin) comprised the remainder with a pack of 330.2 million pounds.

CANNED CLAMS. The 2003 U.S. pack of clams (whole, minced, chowder, juice, and specialties) was 126.0 million pounds valued at $112.9 million. The pack of whole and minced clams was 38.7 million pounds and accounted for 31 percent of the total clam pack. Clam chowder and clam juice was 79.5 million pounds and made up the majority of the pack.

OTHER CANNED ITEMS. The pack of pet food was 437.2 million pounds valued at $162.7 million—an increase of 72.7 million pounds compared with the 2002 pack.

INDUSTRIAL FISHERY PRODUCTS

INDUSTRIAL FISHERY PRODUCTS. The value of the domestic production of industrial fishery products was $222.0 million—a decrease of $11.1 million compared with the 2002 value of $233.0 million

FISH MEAL. The domestic production of fish and shellfish meal was 602.8 million pounds valued at $134.0 million–a decrease of 35.1 million pounds and $5.7 million compared with 2002. Fish meal production was 596.1 million pounds valued at $133.6 million—a decrease of 37.4 million pounds and $5.8 million from the 2002 production. Shellfish meal production was 6.7 million pounds—an increase of 2.3 million pounds from the 2002 level.

FISH OILS. The domestic production of fish oils was 195.7 million pounds valued at $34.4 million—a decrease of 15.2 million pounds and $7.0 million in value compared with 2002 production.

OTHER INDUSTRIAL PRODUCTS. Oyster shell products, together with agar-agar, animal feeds, crab and clam shells processed for food serving, fish pellets, Irish moss extracts, kelp products, dry and liquid fertilizers, pearl essence, and mussel shell buttons were valued at $53.5 million, compared with $51.9 million in 2002—a decrease of $1.6 million.

VALUE OF PROCESSED FISHERY PRODUCTS, 2002 AND 2003
(Processed from domestic catch and imported products)

Item	2002 (1)		2003	
	Thousand dollars	Percent of total	Thousand dollars	Percent of total
Edible:				
Fresh and frozen	5,984,644	78	5,438,378	78
Canned	1,150,224	15	1,061,211	15
Cured	165,587	2	119,645	2
Total edible	**7,300,455**	**95**	**6,619,234**	**95**
Industrial:				
Bait and animal food (canned)	139,618	2	162,691	2
Meal and oil	181,129	2	168,446	2
Other	51,886	1	53,514	1
Total industrial	**372,633**	**5**	**384,651**	**5**
Grand total	**7,673,088**	**100**	**7,003,885**	**100**

(1) Revised. Value is based on selling price at the plant.

U.S. PRODUCTION OF FISH STICKS, FISH PORTIONS, AND BREADED SHRIMP, 1994-2003

Year	Fish sticks			Fish portions			Breaded shrimp		
	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars
1994	58,789	26,667	51,429	196,289	89,036	268,353	113,461	51,466	304,931
1995	74,066	33,596	73,478	251,217	113,951	356,518	100,522	45,596	299,355
1996	65,244	29,594	55,802	213,962	97,053	306,501	108,486	49,209	341,770
1997	69,167	31,374	64,298	195,554	88,703	285,348	117,471	53,284	334,939
1998	68,778	31,197	63,473	184,681	83,771	211,356	109,481	49,660	333,257
1999	65,019	29,492	63,396	203,279	92,207	269,125	119,149	54,046	351,891
2000	39,925	18,110	42,549	182,736	82,889	233,368	121,399	55,066	375,453
2001	43,014	19,511	41,539	189,186	85,814	235,460	152,205	69,040	539,705
2002	47,587	21,585	51,060	186,748	84,708	237,426	146,724	66,554	463,781
2003	31,484	14,281	34,743	162,103	73,529	226,916	152,032	68,961	465,347

PRODUCTION OF FRESH AND FROZEN FILLETS AND STEAKS, BY SPECIES, 2002 AND 2003

Species	2002 (1)			2003		
	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars
Fillets:						
Amberjack	124	56	446	62	28	272
Anglerfish	1,384	628	3,584	1,374	623	3,282
Bluefish	365	166	712	263	119	536
Cod	50,469	22,893	154,558	56,217	25,500	171,823
Cusk	82	37	271	56	25	197
Dolphin	4,163	1,888	13,963	4,772	2,165	16,435
Drum	10	5	43	14	6	69
Flounders	25,430	11,535	73,151	20,797	9,433	62,004
Groupers	1,846	837	13,027	2,177	987	12,803
Haddock	7,781	3,529	32,353	8,321	3,774	34,539
Hake	13,950	6,328	10,926	25,734	11,673	19,755
Halibut	2,505	1,136	14,768	3,912	1,774	21,806
Lingcod	173	78	455	181	82	557
Marlins	78	35	457	63	29	224
Ocean perch:						
Atlantic	401	182	1,121	836	379	2,502
Pacific	682	309	1,432	1,212	550	2,581
Pollock:						
Atlantic	4,006	1,817	10,620	6,686	3,033	10,138
Alaska	307,796	139,615	330,229	366,526	166,255	394,771
Rockfishes	6,787	3,079	15,063	5,120	2,322	11,814
Sablefish	411	186	1,678	382	173	1,417
Salmon	30,988	14,056	85,756	42,908	19,463	117,444
Sea bass	594	269	3,925	1,616	733	6,089
Sea trout	193	88	776	174	79	834
Shark	486	220	1,002	496	225	1,033
Snapper	883	401	5,442	886	402	6,119
Swordfish	5,001	2,268	28,971	3,262	1,480	20,334
Tilapia	860	390	2,484	1,181	536	3,466
Tuna	7,594	3,445	46,387	5,929	2,689	37,856
Wahoo	155	70	1,030	143	65	910
Whitefish	272	123	879	129	59	351
Wolffish	94	43	164	68	31	141
Unclassified	19,408	8,803	63,958	25,156	11,411	94,098
Total	**494,971**	**224,517**	**919,631**	**586,653**	**266,104**	**1,056,200**
Steaks:						
Halibut	5,282	2,396	22,720	4,961	2,250	24,046
Salmon	2,817	1,278	7,744	4,234	1,921	14,101
Swordfish	2,196	996	8,482	1,855	841	6,996
Tuna	4,766	2,162	14,891	5,071	2,300	15,530
Unclassified	7,067	3,206	7,877	8,660	3,928	8,858
Total	**22,128**	**10,037**	**61,714**	**24,781**	**11,241**	**69,531**
Grand total	**517,099**	**234,555**	**981,345**	**611,434**	**277,345**	**1,125,731**

(1) Revised

Note:--Some fillet products were futher processed into frozen blocks.

PRODUCTION OF CANNED FISHERY PRODUCTS, BY SPECIES, 2002 AND 2003

Species	Pounds per case	2002 (1)			2003		
		Standard cases	Thousand pounds	Thousand dollars	Standard cases	Thousand pounds	Thousand dollars
For human consumption:							
Fish:							
Herring	23.4	(5)	(5)	(5)	(5)	(5)	(5)
Salmon:							
Chinook	44.25	3,819	169	350	1,898	84	289
Chum	44.25	149,966	6,636	5,030	108,316	4,793	3,595
Pink	44.25	3,539,864	156,639	142,747	2,977,808	131,768	113,425
Coho	44.25	43,910	1,943	3,076	39,164	1,733	2,015
Sockeye	44.25	1,317,989	58,321	144,495	1,122,983	49,692	122,843
Total salmon		**5,055,548**	**223,708**	**295,698**	**4,250,169**	**188,070**	**242,167**
Specialties	48	15,583	748	5,540	14,104	677	4,980
Sardines, Maine	23.4	(5)	(5)	(5)	(5)	(5)	(5)
Tuna: (2)							
Albacore:							
Solid	18	10,009,500	180,171	317,128	9,445,389	170,017	319,518
Chunk	18	1,549,167	27,885	38,930	1,614,444	29,060	47,367
Total albacore		**11,558,667**	**208,056**	**356,058**	**11,059,833**	**199,077**	**366,885**
Lightmeat:							
Solid	18	1,001,278	18,023	19,374	280,056	5,041	7,933
Chunk	18	17,827,278	320,891	299,950	18,066,222	325,192	293,682
Total lightmeat		**18,828,556**	**338,914**	**319,324**	**18,346,278**	**330,233**	**301,615**
Total tuna		**30,387,222**	**546,970**	**675,382**	**29,406,111**	**529,310**	**668,500**
Specialties	48	229	11	92	208	10	91
Other	48	660,313	31,695	39,298	321,188	15,417	22,198
Total fish	--	**36,118,895**	**803,132**	**1,016,010**	**33,991,781**	**733,484**	**937,936**
Shellfish:							
Clam and clam products: (3)							
Whole and minced	15	2,694,800	40,422	64,581	2,582,800	38,742	63,875
Chowder and juice	30	3,075,133	92,254	46,832	2,651,200	79,536	42,398
Specialties	48	160,896	7,723	6,720	161,375	7,746	6,660
Total clams	--	**5,930,829**	**140,399**	**118,133**	**5,395,375**	**126,024**	**112,933**
Crabs, natural	20	1,077	21	269	821	16	256
Lobster meat and specialties	48	9,313	447	606	11,063	531	788
Oyster, specialties	48	9,708	466	184	9,125	438	181
Shrimp, natural (4)	6.75	260,000	1,755	9,207	155,704	1,051	5,184
Other	48	133,417	6,404	5,815	45,875	2,202	3,933
Total shellfish	--	**6,344,344**	**149,492**	**134,214**	**5,617,962**	**130,262**	**123,275**
Total for human consumption	--	**42,463,239**	**952,624**	**1,150,224**	**39,609,742**	**863,746**	**1,061,211**
For bait and animal food	48	7,594,708	364,546	139,618	9,108,521	437,209	162,691
Grand total	--	**50,057,947**	**1,317,170**	**1,289,842**	**48,718,263**	**1,300,955**	**1,223,902**

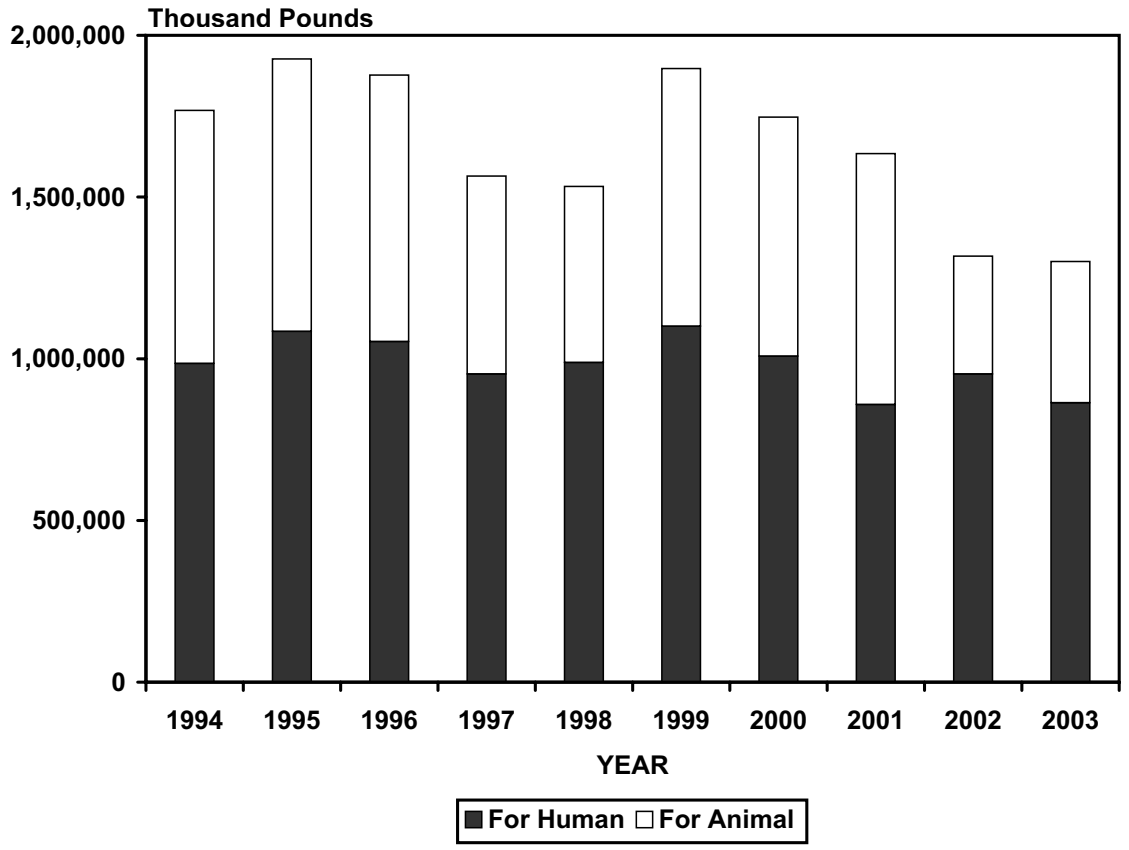
(1) Revised.
(2) Flakes included with chunk.
(3) "Cut out" or "drained" weight of can contents are given for whole or minced clams, and net contents for other clam products.
(4) Drained weight.
(5) Confidential included with 'Other.'

Processed Fishery Products

PRODUCTION OF CANNED FISHERY PRODUCTS, 1994-2003

Year	For human consumption			For animal food and bait			Total		
	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars
1994	985,675	447,099	1,470,234	782,272	354,836	325,264	1,767,947	801,935	1,795,498
1995	1,084,866	492,092	1,544,208	842,351	382,088	342,842	1,927,217	874,180	1,887,050
1996	1,052,909	477,596	1,428,937	824,094	373,807	370,945	1,877,003	851,403	1,799,882
1997	952,755	432,167	1,361,437	612,320	277,747	231,756	1,565,075	709,913	1,593,193
1998	988,693	448,468	1,425,564	544,328	246,906	349,765	1,533,021	695,374	1,775,329
1999	1,100,329	499,106	1,521,880	796,769	361,412	339,548	1,897,098	860,518	1,861,428
2000	1,008,098	457,270	1,334,012	738,821	335,127	291,992	1,746,919	792,397	1,626,004
2001	858,388	389,362	1,110,426	775,698	351,854	289,941	1,634,086	741,217	1,400,367
2002	952,624	432,107	1,150,224	364,546	165,357	139,618	1,317,170	597,464	1,289,842
2003	863,746	391,793	1,061,211	437,209	198,317	162,691	1,300,955	590,109	1,223,902

Production of Canned Fishery Products, 1994-2003



Processed Fishery Products

PRODUCTION OF MEAL AND OIL, 2002 AND 2003

Product	2002			2003		
	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars
Dried scrap and meal:						
Fish	633,439	287,326	139,406	596,087	270,383	133,596
Shellfish	4,491	2,037	293	6,744	3,059	439
Total, scrap and meal	**637,930**	**289,363**	**139,699**	**602,831**	**273,442**	**134,035**
Body oil, total	**210,867**	**95,649**	**41,430**	**195,699**	**88,768**	**34,411**

Note:--To convert pounds of oil to gallons divide by 7.75.
The above data includes products in American Samoa and Puerto Rico.

PRODUCTION OF INDUSTRIAL PRODUCTS, 1994-2003

Year	Scrap and meal		Marine animal oil		Meal and oil	Other industrial products	Grand total
	Thousand pounds	Metric tons	Thousand pounds	Metric tons	Thousand dollars		
1994	807,833	366,431	291,882	132,397	186,222	61,992	248,214
1995	667,240	302,658	241,941	109,744	172,279	74,264	246,543
1996	643,124	291,719	248,399	112,673	187,968	85,583	273,551
1997	724,668	328,707	283,379	128,540	229,222	118,128	347,350
1998	613,434	278,252	222,697	101,015	172,574	60,800	233,374
1999	686,250	311,281	286,182	129,811	188,854	79,325	268,179
2000	638,244	289,506	192,348	87,248	135,815	83,023	218,838
2001	643,989	292,111	279,416	126,742	173,908	82,770	256,678
2002	637,930	289,363	210,867	95,649	181,129	51,886	233,015
2003	602,831	273,442	195,699	88,768	168,446	53,514	221,960

Note:--Does not include the value of imported items that may be further processed.

IMPORTS

U.S. imports of edible fishery products in 2003 were valued at a record $11.1 billion, $974.2 million more than in 2002. The quantity of edible imports was 4.9 billion pounds, 479.4 million pounds more than the quantity imported in 2002.

Edible imports consisted of 4.0 billion pounds of fresh and frozen products valued at $9.8 billion, 748.4 million pounds of canned products valued at $1.0 billion, 79.5 million pounds of cured products valued at $166.5 million, 5.6 million pounds of caviar and roe products valued at $28.5 million, and 40.8 million pounds of other products valued at

The quantity of shrimp imported in 2003 was 1.1 billion pounds, 165.8 million pounds more than the quantity imported in 2002. Valued at $3.8 billion, shrimp imports accounted for 34 percent of the value of total edible imports. Imports of fresh and frozen tuna were 461.7 million pounds, 104.0 million pounds more than the 357.7 million pounds imported in 2002. Imports of canned tuna were 459.0 million pounds, 80.9 million pounds more than in 2002. Imports of fresh and frozen fillets and steaks amounted to 993.0 million pounds, an increase of 70.5 million pounds from 2002. Regular and minced block imports were 129.3 million pounds, a decrease of 17.7 thousand pounds from 2002.

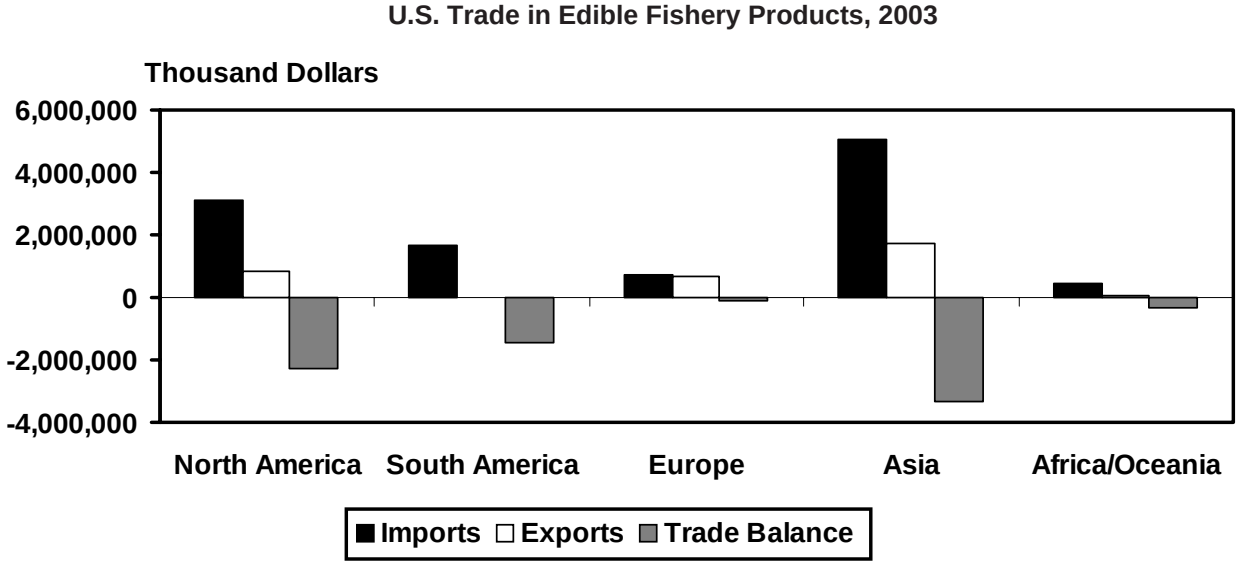
Imports of nonedible fishery products were valued at $10.2 billion — an increase of $617.2 million comparedwith 2002. The total value of edible and nonedible products was $21.3 billion in 2003, $1.6 billion more than in 2002 when $19.7 billion of fishery products were imported.

EXPORTS

U.S. exports of edible fishery products were 2.4 billion pounds valued at $3.3 billion, a decrease of 3.3 million pounds but an increase of $146.8 million when compared with 2002. Fresh and frozen items were 2.0 billion pounds valued at $2.5 billion, an increase of 29.3 million pounds and an increase of $130.0 million compared with 2002. In terms of individual items, fresh and frozen exports consisted principally of 209.4 million pounds of salmon valued at $276.9 million, 388.9 million pounds of surimi valued at $335.4 million and 62.0 million pounds of lobsters valued at $319.1 million.

Canned items were 183.1 million pounds valued at $236.6 million. Salmon was the major canned item exported, with 95.7 million pounds valued at $148.3 million. Cured items were 10.0 million pounds valued at $20.4 million. Caviar and roe exports were 114.7 million pounds valued at $510.2 million.

Exports of nonedible products were valued at $8.7 billion an increase of $137.1 million when compared with 2002. Exports of fish meal amounted to 243.6 million pounds valued at $77.8 million. The total value of edible and nonedible exports was $12.0 billion—an increase of $294.0 million compared with 2002.



FISHERY PRODUCTS IMPORTS, BY PRINCIPAL ITEMS, 2002 AND 2003

Item	2002			2003		
Edible fishery products:	Thousand	Metric	Thousand	Thousand	Metric	Thousand
Fresh and frozen:	pounds	tons	dollars	pounds	tons	dollars
Whole or eviscerated:						
Freshwater	128,727	58,390	96,086	149,042	67,605	109,042
Flatfish	46,541	21,111	92,484	35,454	16,082	102,936
Groundfish	54,266	24,615	52,824	60,406	27,400	50,627
Salmon	182,243	82,665	343,510	162,647	73,776	323,914
Tuna (1)	357,701	162,252	417,156	461,656	209,406	542,776
Other	257,585	116,840	379,769	254,395	115,393	391,284
Fillets and steaks:						
Freshwater	111,495	50,574	250,168	132,607	60,150	282,378
Flatfish	51,519	23,369	106,624	59,341	26,917	123,792
Groundfish	231,450	104,985	424,054	232,894	105,640	407,230
Salmon	272,330	123,528	530,186	301,525	136,771	669,238
Other	255,749	116,007	496,012	266,653	120,953	504,211
Blocks and slabs	147,029	66,692	164,702	129,348	58,672	138,964
Surimi	7,846	3,559	5,841	6,356	2,883	4,331
Shrimp	942,365	427,454	3,413,932	1,108,301	502,722	3,753,119
Crabmeat	22,743	10,316	99,578	21,678	9,833	96,369
Lobster:						
American	72,963	33,096	479,689	69,888	31,701	520,905
Spiny	26,909	12,206	345,421	29,240	13,263	362,176
Scallops (meats)	48,210	21,868	143,778	51,932	23,556	157,692
Other fish and shellfish	452,534	205,268	1,106,797	498,870	226,286	1,274,013
Total, fresh and frozen	**3,670,207**	**1,664,795**	**8,948,611**	**4,032,233**	**1,829,009**	**9,814,997**
Canned:						
Anchovy	7,271	3,298	17,026	7,405	3,359	20,428
Herring	8,408	3,814	9,928	7,970	3,615	10,034
Mackerel	21,887	9,928	13,067	26,828	12,169	16,230
Salmon	10,013	4,542	16,892	18,263	8,284	34,779
Sardines	48,986	22,220	52,591	54,341	24,649	59,528
Tuna	378,140	171,523	398,659	459,029	208,214	455,450
Clams	11,751	5,330	11,709	15,203	6,896	15,528
Crabmeat	45,294	20,545	265,237	47,282	21,447	269,099
Lobsters	104	47	1,045	66	30	942
Oysters	12,842	5,825	24,107	15,064	6,833	27,766
Shrimp	4,076	1,849	8,157	3,907	1,772	7,331
Balls, cakes, and puddings	19,872	9,014	23,145	19,035	8,634	23,898
Other fish and shellfish	63,669	28,880	65,085	74,008	33,570	69,079
Total, canned	**632,312**	**286,815**	**906,648**	**748,400**	**339,472**	**1,010,092**
Cured:						
Dried	16,464	7,468	47,744	14,266	6,471	40,725
Pickled or salted	46,191	20,952	68,032	48,916	22,188	71,769
Smoked or kippered	14,325	6,498	45,619	16,314	7,400	53,963
Total, cured	**76,980**	**34,918**	**161,395**	**79,496**	**36,059**	**166,457**
Caviar and roe	5,317	2,412	31,392	5,646	2,561	28,513
Prepared meals	5,300	2,404	16,487	4,923	2,233	14,653
Other fish and shellfish	37,024	16,794	56,729	35,856	16,264	60,763
Total edible fishery products	**4,427,141**	**2,008,138**	**10,121,262**	**4,906,553**	**2,225,598**	**11,095,475**
Nonedible fishery products:						
Meal and scrap	147,982	67,124	38,619	120,988	54,880	32,160
Fish oils	33,415	15,157	21,666	39,008	17,694	30,257
Other	-	-	9,509,627	-	-	10,124,662
Total nonedible fishery products	**-**	**-**	**9,569,912**	**-**	**-**	**10,187,079**
Grand total	**-**	**-**	**19,691,174**	**-**	**-**	**21,282,554**

(1) Includes loins and discs.

Note:--Data include imports into the United States and Puerto Rico and landings of tuna by foreign vessels at American Samoa. Statistics on imports are the weight of individual products as exported, i.e., fillets, steaks, headed, etc. Imports and Exports of Fishery Products, Annual Summary, 2003, Current Fishery Statistics No. 2003-2 provides additional information.

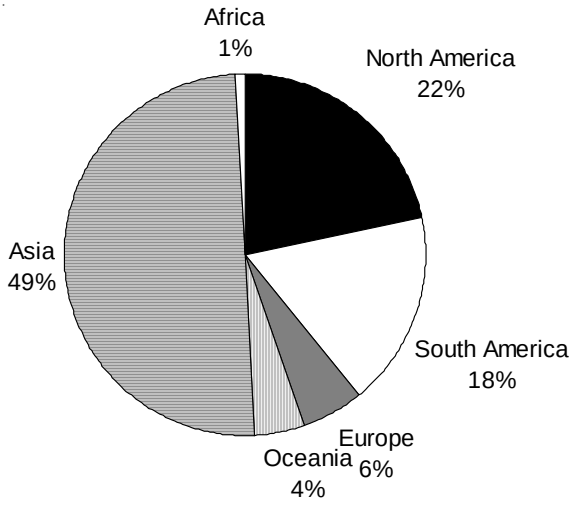
Source:—U.S. Department of Commerce, Bureau of the Census.

EDIBLE AND NONEDIBLE FISHERY PRODUCTS IMPORTS, 1994-2003

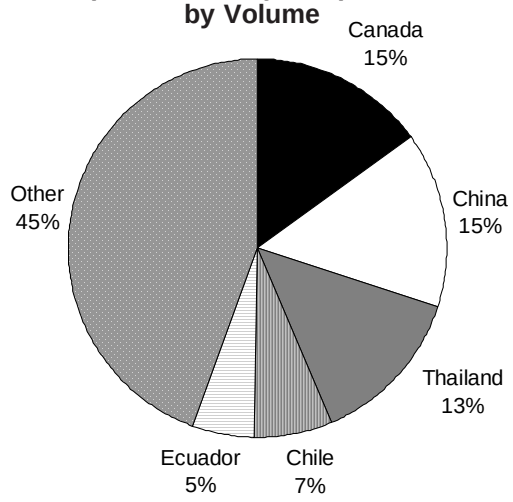
Year	Edible			Nonedible	Total
	Thousand pounds	Metric tons	Thousand dollars		
1994	3,034,841	1,376,595	6,645,132	5,341,740	11,986,872
1995	3,066,458	1,390,936	6,791,690	5,659,933	12,451,623
1996	3,169,787	1,437,806	6,729,614	6,330,741	13,060,355
1997	3,338,849	1,514,492	7,754,243	6,774,083	14,528,326
1998	3,647,021	1,654,278	8,173,185	7,459,487	15,632,672
1999	3,887,891	1,763,536	9,013,886	8,025,696	17,039,582
2000	3,978,243	1,804,519	10,054,045	8,959,391	19,013,436
2001	4,101,993	1,860,652	9,864,431	8,682,738	18,547,169
2002	4,427,141	2,008,138	10,121,262	9,569,912	19,691,174
2003	4,906,553	2,225,598	11,095,475	10,187,079	21,282,554

Source:--U.S. Department of Commerce, Bureau of the Census.

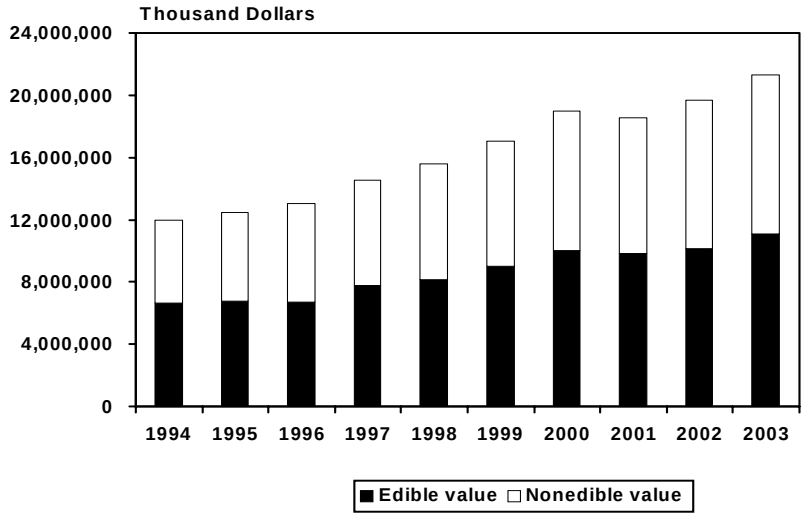
U.S. Imports from Major Areas, 2003 by Volume



U.S. Imports from Major Exporters, 2003 by Volume



U.S. Fishery Product Imports



EDIBLE AND NONEDIBLE FISHERY PRODUCTS IMPORTS, 2003

Continent and Country	Edible			Nonedible	Total
	Thousand pounds	Metric tons	Thousand dollars		
North America:					
Canada	737,752	334,642	2,129,478	929,879	3,059,357
Mexico	106,081	48,118	395,635	245,178	640,813
Dominican Republic	1,819	825	2,524	202,017	204,541
Honduras	34,180	15,504	124,332	405	124,737
Panama	38,761	17,582	112,106	4,082	116,188
Other	142,684	64,721	373,842	74,834	448,676
Total	**1,061,277**	**481,392**	**3,137,917**	**1,456,395**	**4,594,312**
South America:					
Chile	335,185	152,039	664,961	16,594	681,555
Ecuador	253,196	114,849	487,097	8,081	495,178
Brazil	86,456	39,216	208,361	46,423	254,784
Argentina	66,592	30,206	83,498	22,944	106,442
Peru	29,429	13,349	40,753	59,553	100,306
Other	88,698	40,233	207,213	91,448	298,661
Total	**859,556**	**389,892**	**1,691,883**	**245,043**	**1,936,926**
Europe:					
European Union:					
Italy	1,850	839	5,728	1,300,906	1,306,634
France	4,215	1,912	14,558	911,709	926,267
United Kingdom	31,336	14,214	58,264	307,326	365,590
Germany	2,244	1,018	3,504	346,980	350,484
Spain	16,113	7,309	35,941	104,509	140,450
Other	20,743	9,409	54,970	177,193	232,163
Total	**76,502**	**34,701**	**172,965**	**3,148,623**	**3,321,588**
Other:					
Russian Federation	58,263	26,428	252,941	2,827	255,768
Turkey	1,534	696	4,346	226,424	230,770
Switzerland	18	8	76	183,194	183,270
Iceland	61,023	27,680	147,094	12,741	159,835
Norway	54,581	24,758	123,681	33,517	157,198
Other	20,503	9,300	42,110	95,706	137,816
Total	**195,923**	**88,870**	**570,248**	**554,409**	**1,124,657**
Asia:					
Thailand	660,020	299,383	1,431,571	766,213	2,197,784
China	738,605	335,029	1,153,132	1,043,293	2,196,425
India	131,643	59,713	452,420	1,224,702	1,677,122
Viet Nam	213,705	96,936	732,241	4,941	737,182
Indonesia	156,498	70,987	432,235	92,024	524,259
Other	546,571	247,923	875,638	1,453,004	2,328,642
Total	**2,447,042**	**1,109,971**	**5,077,237**	**4,584,177**	**9,661,414**
Oceania:					
New Zealand	94,500	42,865	138,434	17,632	156,066
Australia	10,586	4,802	88,905	58,608	147,513
Fiji	42,062	19,079	62,109	2,127	64,236
French Polynesia	1,261	572	2,900	29,706	32,606
Vanuatu	22,729	10,310	18,772	362	19,134
Other	48,609	22,049	37,246	3,153	40,399
Total	**219,748**	**99,677**	**348,366**	**111,588**	**459,954**
Africa:					
South Africa	12,802	5,807	33,700	65,333	99,033
Morocco	13,106	5,945	22,190	5,737	27,927
Nambia	4,090	1,855	9,840	33	9,873
Seychelles	9,136	4,144	9,759	12	9,771
Tanzania	2,443	1,108	4,427	1,977	6,404
Other	4,929	2,236	16,943	13,752	30,695
Total	**46,506**	**21,095**	**96,859**	**86,844**	**183,703**
Grand total	**4,906,553**	**2,225,598**	**11,095,475**	**10,187,079**	**21,282,554**

Source:--U.S. Department of Commerce, Bureau of the Census.

REGULAR AND MINCED FISH BLOCKS AND SLABS IMPORTS, BY SPECIES AND TYPE, 2002 AND 2003

Species and type	2002			2003		
	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars
Regular blocks and slabs:						
Cod	21,484	9,745	38,285	16,986	7,705	29,912
Flatfish	3,219	1,460	4,905	4,070	1,846	6,239
Haddock	4,720	2,141	9,077	4,052	1,838	6,058
Ocean perch	668	303	973	681	309	795
Pollock	77,606	35,202	62,716	62,959	28,558	50,104
Whiting	7,013	3,181	5,213	8,525	3,867	6,511
Other	5,778	2,621	10,701	7,604	3,449	13,700
Total	**120,488**	**54,653**	**131,870**	**104,877**	**47,572**	**113,319**
Minced blocks and slabs	26,541	12,039	32,832	24,471	11,100	25,645
Grand total	**147,029**	**66,692**	**164,702**	**129,348**	**58,672**	**138,964**

Source:--U.S. Department of Commerce, Bureau of the Census.

REGULAR AND MINCED FISH BLOCKS AND SLABS IMPORTS, BY COUNTRY OF ORIGIN, 2002 AND 2003

Country	2002			2003		
	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars
China	90,541	41,069	84,315	72,240	32,768	62,780
Canada	12,463	5,653	13,612	15,915	7,219	15,704
Russian Federation	9,352	4,242	13,474	5,503	2,496	8,441
Thailand	2,776	1,259	4,428	3,673	1,666	5,742
Chile	1,164	528	2,513	4,319	1,959	5,552
Iceland	3,483	1,580	4,949	3,708	1,682	5,233
Argentina	5,807	2,634	4,621	5,747	2,607	4,647
Indonesia	1,100	499	2,534	1,684	764	4,265
Denmark	4,643	2,106	9,239	1,911	867	3,972
Other	15,701	7,122	25,017	14,647	6,644	22,628
Total	**147,029**	**66,692**	**164,702**	**129,348**	**58,672**	**138,964**

Source:--U.S. Department of Commerce, Bureau of the Census.

GROUNDFISH FILLET AND STEAK IMPORTS, BY SPECIES, 2002 AND 2003 (1)

Species	2002			2003		
	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars
Cod	101,116	45,866	252,666	98,568	44,710	243,560
Haddock (2)	112,536	51,046	143,369	118,290	53,656	139,027
Ocean perch	17,798	8,073	28,019	16,036	7,274	24,643
Total	**231,450**	**104,985**	**424,054**	**232,894**	**105,640**	**407,230**

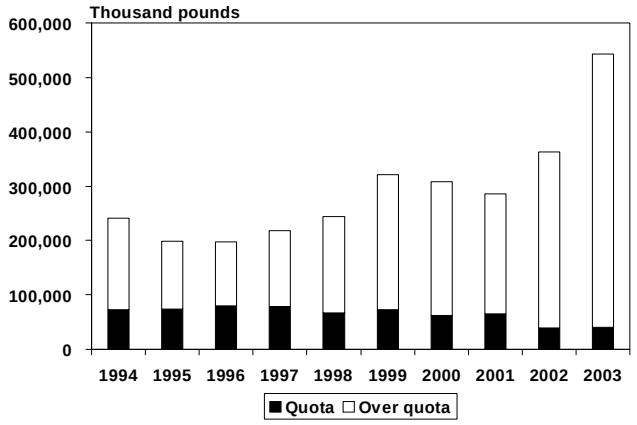
(1) Does not include data on fish blocks and slabs.
(2) Includes some quantities of cusk, hake, and pollock fillets.
Source:--U.S. Department of Commerce, Bureau of the Census.

CANNED TUNA NOT IN OIL, QUOTA AND IMPORTS, 1994-2003

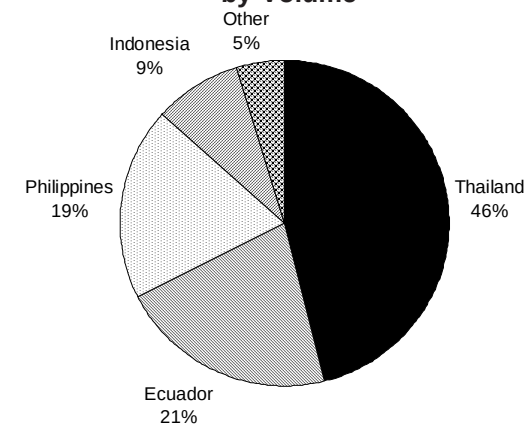
Year	Quota (1)		Over quota (2)		Total	
	Thousand pounds	Metric tons	Thousand pounds	Metric tons	Thousand pounds	Metric tons
1994	73,294	33,246	168,224	76,306	241,518	109,552
1995	73,367	33,279	126,176	57,233	199,543	90,512
1996	80,027	36,300	117,205	53,164	197,232	89,464
1997	78,620	35,662	139,714	63,374	218,335	99,036
1998	67,317	30,535	176,648	80,127	243,965	110,662
1999	72,086	32,698	249,016	112,953	321,102	145,651
2000	62,403	28,306	245,211	111,227	307,614	139,533
2001	65,155	29,554	220,528	100,031	285,683	129,585
2002	39,947	18,120	323,042	146,531	362,990	164,651
2003	41,398	18,778	501,655	227,549	543,053	246,327

(1) Imports have been subject to tariff quotas since April 14, 1956. Dutiable in 1956 to 1967 at 12.5 percent ad valorem; 1968, 11 percent; 1969, 10 percent; 1970, 8.5 percent; 1971, 7 percent; and 1972 to 2003, 6 percent.
(2) Dutiable in 1972 to 2003, 12.5 percent.
Note:—Data in this table will not agree with tuna import data released by the U.S. Department of Commerce, Bureau of the Census. Any tuna entered for consumption or withdrawn from a warehouse for consumption during the calendar year, except for receipts for possessions of the U.S., is subject to this quota.
Source:—U.S. Department of the Treasury, U.S. Customs Service.

Canned Tuna Quota and Imports



Imports of Canned Tuna by Major Exporter, 2003 by Volume



CANNED TUNA, BY COUNTRY OF ORIGIN, 2002 AND 2003

Country	2002			2003		
	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars
Thailand	159,699	72,439	175,049	211,615	95,988	209,942
Ecuador	79,529	36,074	106,061	98,554	44,704	120,064
Philippines	78,023	35,391	56,139	87,770	39,812	60,611
Indonesia	32,220	14,615	35,881	39,875	18,087	43,033
Viet Nam	8,680	3,937	6,626	8,781	3,983	7,097
Malaysia	2,070	939	3,019	2,648	1,201	3,714
Mexico	2,130	966	2,153	3,095	1,404	2,940
Papua New Guinea	12,236	5,550	8,464	2,707	1,228	2,165
China	734	333	662	1,299	589	1,168
Other	2,820	1,279	4,605	2,685	1,218	4,716
Total	**378,140**	**171,523**	**398,659**	**459,029**	**208,214**	**455,450**

Source:--U.S. Department of Commerce, Bureau of the Census.

SHRIMP IMPORTS, BY COUNTRY OF ORIGIN, 2002 AND 2003

Country	2002			2003		
	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars
North America:						
Mexico	53,565	24,297	264,070	56,204	25,494	294,088
Honduras	21,563	9,781	63,991	21,398	9,706	57,009
Panama	14,118	6,404	57,141	13,565	6,153	50,489
Canada	17,782	8,066	47,577	14,281	6,478	40,727
Belize	5,600	2,540	16,650	13,708	6,218	40,121
Nicaragua	10,406	4,720	30,971	9,936	4,507	24,187
Guatemala	5,313	2,410	15,278	6,792	3,081	18,949
El Salvador	1,239	562	6,222	1,327	602	5,229
Costa Rica	2,185	991	8,507	1,032	468	4,259
Jamaica	-	-	-	79	36	138
Other	767	348	1,864	77	35	159
Total	**132,538**	**60,119**	**512,271**	**138,400**	**62,778**	**535,355**
South America:						
Ecuador	65,510	29,715	199,110	75,020	34,029	211,258
Brazil	39,094	17,733	87,691	48,023	21,783	96,764
Venezuela	22,738	10,314	65,412	21,953	9,958	60,864
Guyana	21,290	9,657	36,586	25,183	11,423	37,870
Colombia	7,209	3,270	25,961	5,022	2,278	17,004
Argentina	6,958	3,156	25,619	3,794	1,721	13,347
Peru	3,931	1,783	10,781	3,314	1,503	8,766
Suriname	5,666	2,570	11,590	4,076	1,849	6,889
Chile	269	122	943	381	173	1,414
Uruguay	-	-	-	7	3	11
Total	**172,664**	**78,320**	**463,693**	**186,774**	**84,720**	**454,187**
Europe:						
European Union:						
Denmark	183	83	308	179	81	561
Spain	73	33	250	64	29	230
Netherlands	-	-	-	24	11	212
Italy	4	2	9	49	22	81
France	2	1	8	2	1	46
Other	205	93	672	57	26	80
Total	**467**	**212**	**1,247**	**375**	**170**	**1,210**
Other:						
Iceland	236	107	731	77	35	209
Ukraine	-	-	-	4	2	12
Norway	51	23	149	-	-	3
Switzerland	-	-	3	-	-	-
Faroe Islands	24	11	22	-	-	-
Other	75	34	427	-	-	-
Total	**386**	**175**	**1,332**	**82**	**37**	**224**
Asia:						
Thailand	253,760	115,105	976,101	293,697	133,220	997,694
Viet Nam	98,515	44,686	481,357	126,496	57,378	595,014
China	109,143	49,507	297,566	178,597	81,011	441,905
India	97,543	44,245	363,558	100,241	45,469	408,907
Indonesia	38,442	17,437	153,093	47,758	21,663	168,047
Bangladesh	18,816	8,535	87,626	17,952	8,143	82,836
Burma	6,283	2,850	23,861	3,946	1,790	16,179
Philippines	2,899	1,315	11,105	2,705	1,227	10,929
Sri Lanka	1,085	492	4,399	2,447	1,110	10,715
Malaysia	3,360	1,524	13,891	2,853	1,294	9,381
Other	9,583	4,347	25,225	9,495	4,307	24,901
Total	**639,429**	**290,043**	**2,437,782**	**786,187**	**356,612**	**2,766,508**
Oceania	653	296	3,591	220	100	1,408
Africa	304	138	2,173	170	77	1,558
Grand total	**946,441**	**429,303**	**3,422,089**	**1,112,207**	**504,494**	**3,760,450**

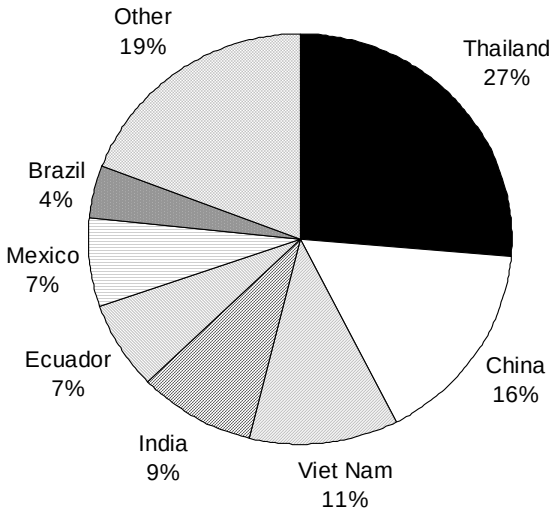
Note:--Statistics on imports are the weights of the individual products as received, i.e., raw headless, peeled, etc.
Source:--U.S. Department of Commerce, Bureau of the Census.

SHRIMP IMPORTS, BY TYPE OF PRODUCT, 2002 AND 2003

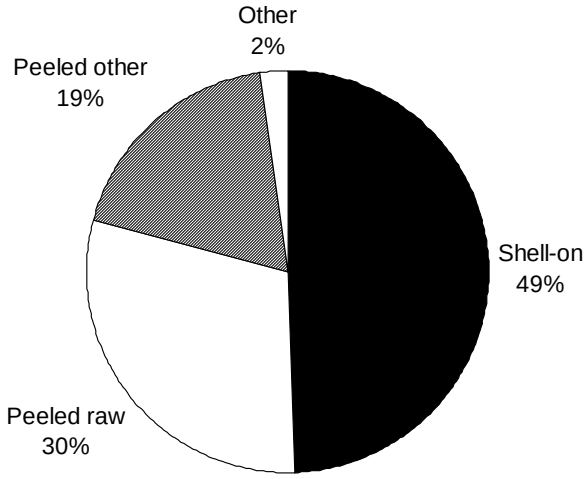
Type of product	2002			2003		
	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars
Shell-on (heads off)	455,799	206,749	1,649,946	548,837	248,951	1,854,812
Peeled:						
Canned	4,076	1,849	8,157	3,907	1,772	7,331
Not breaded:						
Raw	277,718	125,972	1,005,115	332,103	150,641	1,140,393
Other	198,897	90,219	728,573	208,055	94,373	705,985
Breaded	9,952	4,514	30,298	19,306	8,757	51,929
Total	**946,441**	**429,303**	**3,422,089**	**1,112,207**	**504,494**	**3,760,450**

Source:--U.S. Department of Commerce, Bureau of the Census.

Shrimp Imports by Major Exporter, 2003 by Volume



Shrimp Imports by Type, 2003 by Volume



FISH MEAL AND SCRAP IMPORTS, BY COUNTRY OF ORIGIN, 2002 AND 2003

Country	2002			2003		
	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars
Iceland	61,246	27,781	16,707	38,715	17,561	11,506
Mexico	37,626	17,067	8,196	40,031	18,158	9,266
Canada	20,714	9,396	6,173	15,117	6,857	4,532
Peru	9,211	4,178	2,456	8,523	3,866	2,048
Panama	8,984	4,075	1,585	5,520	2,504	1,052
China	1,111	504	833	1,459	662	918
Chile	4,564	2,070	1,065	3,466	1,572	908
Ecuador	487	221	125	2,998	1,360	689
Japan	2,432	1,103	724	3,485	1,581	672
Other	1,607	729	755	1,673	759	569
Total	**147,982**	**67,124**	**38,619**	**120,988**	**54,880**	**32,160**

Source:--U.S. Department of Commerce, Bureau of the Census.

FISHERY PRODUCTS EXPORTS, BY PRINCIPAL ITEMS, 2002 AND 2003 (1)

Item	2002			2003		
Edible fishery products:	Thousand	Metric	Thousand	Thousand	Metric	Thousand
Fresh and frozen:	pounds	tons	dollars	pounds	tons	dollars
Whole or eviscerated:						
Freshwater	13,214	5,994	9,161	16,638	7,547	15,615
Flatfish	148,852	67,519	119,652	151,366	68,659	124,795
Groundfish	229,058	103,900	211,468	259,572	117,741	218,545
Herring	33,625	15,252	15,372	46,943	21,293	22,488
Sablefish	18,686	8,476	47,567	26,067	11,824	68,634
Salmon	173,147	78,539	246,868	209,358	94,964	276,886
Tuna	33,735	15,302	37,699	44,515	20,192	65,381
Other	299,572	135,885	209,299	354,281	160,701	251,717
Fillets, and steaks:						
Freshwater	4,713	2,138	5,319	6,695	3,037	8,643
Groundfish	177,501	80,514	179,537	167,924	76,170	147,266
Other	37,824	17,157	69,974	41,063	18,626	83,602
Blocks and slabs	58,140	26,372	58,329	54,138	24,557	51,585
Surimi	420,882	190,911	368,236	388,949	176,426	335,389
Fish sticks	47,029	21,332	55,228	38,265	17,357	48,419
Clams	1,839	834	4,452	6,135	2,783	19,173
Crabs	28,796	13,062	82,643	32,906	14,926	113,779
Crabmeat	6,673	3,027	21,091	2,520	1,143	7,941
Lobsters	67,123	30,447	302,358	61,969	28,109	319,073
Scallops (meats)	10,117	4,589	38,576	13,878	6,295	54,878
Sea urchins	3,318	1,505	11,843	1,475	669	9,554
Shrimp	33,201	15,060	124,521	38,834	17,615	137,384
Squid	132,609	60,151	51,804	49,231	22,331	30,921
Other fish and shellfish	34,460	9,637	51,032	34,129	7,934	40,327
Total, fresh and frozen	**2,000,902**	**907,603**	**2,322,029**	**2,030,214**	**920,899**	**2,451,995**
Canned:						
Salmon	98,563	44,708	140,891	95,715	43,416	148,337
Sardines	35,692	16,190	14,750	30,042	13,627	12,780
Tuna	3,589	1,628	3,702	6,263	2,841	7,551
Abalone	291	132	4,262	476	216	7,277
Crabmeat	1,186	538	3,895	732	332	2,479
Shrimp	3,322	1,507	16,606	4,592	2,083	19,915
Squid	29,927	13,575	11,575	10,836	4,915	6,712
Other fish and shellfish	27,760	12,592	29,373	34,407	15,607	31,578
Total, canned	**200,332**	**90,870**	**225,054**	**183,063**	**83,037**	**236,629**
Cured:						
Dried	1,858	843	6,263	851	386	5,522
Pickled or salted	10,040	4,554	10,156	8,512	3,861	13,043
Smoked or kippered	1,109	503	2,371	635	288	1,818
Total, cured	**13,007**	**5,900**	**18,790**	**9,998**	**4,535**	**20,383**
Caviar and roe:						
Herring	25,124	11,396	20,069	17,452	7,916	18,702
Pollock	60,836	27,595	287,189	47,904	21,729	288,382
Salmon	22,339	10,133	103,873	28,444	12,902	105,770
Sea urchin	2,491	1,130	43,808	2,218	1,006	41,861
Other	19,367	8,785	58,491	18,664	8,466	55,521
Total, caviar and roe	**130,157**	**59,039**	**513,430**	**114,681**	**52,019**	**510,236**
Prepared meals	7,899	3,583	18,661	7,840	3,556	14,844
Other fish and shellfish	45,911	20,825	21,687	49,149	22,294	32,400
Total edible products	**2,398,208**	**1,087,820**	**3,119,651**	**2,394,945**	**1,086,340**	**3,266,487**
Nonedible products:						
Meal and scrap	248,591	112,760	76,318	243,558	110,477	77,850
Fish oils	212,806	96,528	49,338	146,996	66,677	38,080
Other	-	-	8,517,471	-	-	8,653,067
Total nonedible products	**-**	**-**	**8,593,789**	**-**	**-**	**8,730,917**
Grand total	**-**	**-**	**11,713,440**	**-**	**-**	**11,997,404**

(1) Figures reflect both domestic and foreign (re-exports).

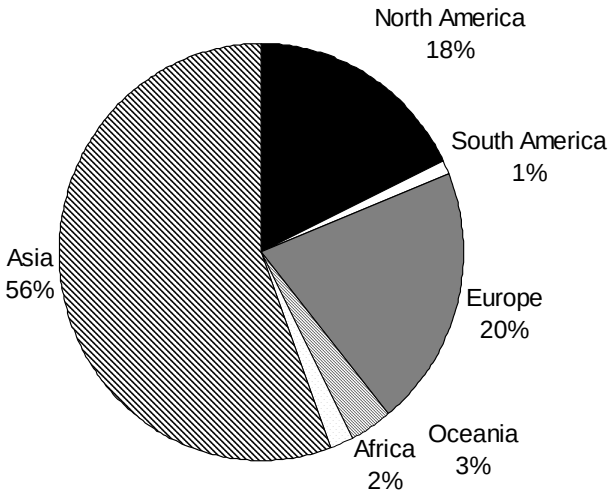
Source:--U.S. Department of Commerce, Bureau of the Census.

EDIBLE AND NONEDIBLE FISHERY PRODUCTS EXPORTS, 1994-2003 (1)

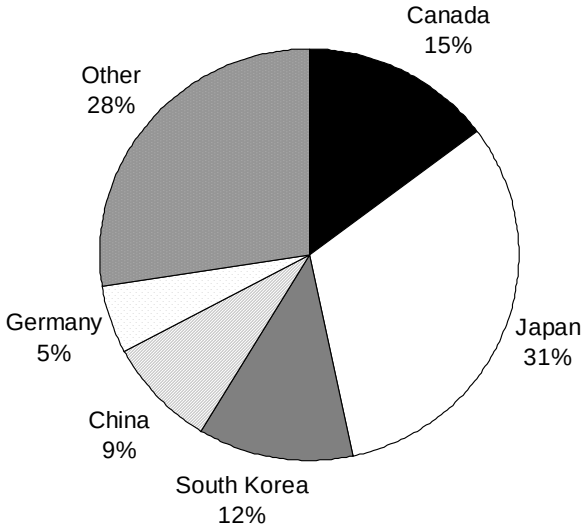
Year	Edible		Nonedible	Total
	Thousand pounds	Metric tons	Thousand dollars	
1994	1,978,507	897,445	3,126,120	4,254,741	7,380,861
1995	2,047,181	928,595	3,262,242	5,005,878	8,268,120
1996	2,112,055	958,022	3,032,282	5,621,169	8,653,451
1997	2,018,889	915,762	2,713,082	6,640,533	9,353,615
1998	1,663,889	754,735	2,259,727	6,437,385	8,697,112
1999	1,961,122	889,559	2,848,548	7,158,302	10,006,850
2000	2,164,994	982,035	2,951,717	7,829,818	10,781,535
2001	2,564,960	1,163,458	3,194,500	8,639,109	11,833,609
2002	2,398,208	1,087,820	3,119,651	8,593,789	11,713,440
2003	2,394,945	1,086,340	3,266,487	8,730,917	11,997,404

(1) Figures reflect both domestic and foreign (re-exports).
Source:--U.S. Department of Commerce, Bureau of the Census.

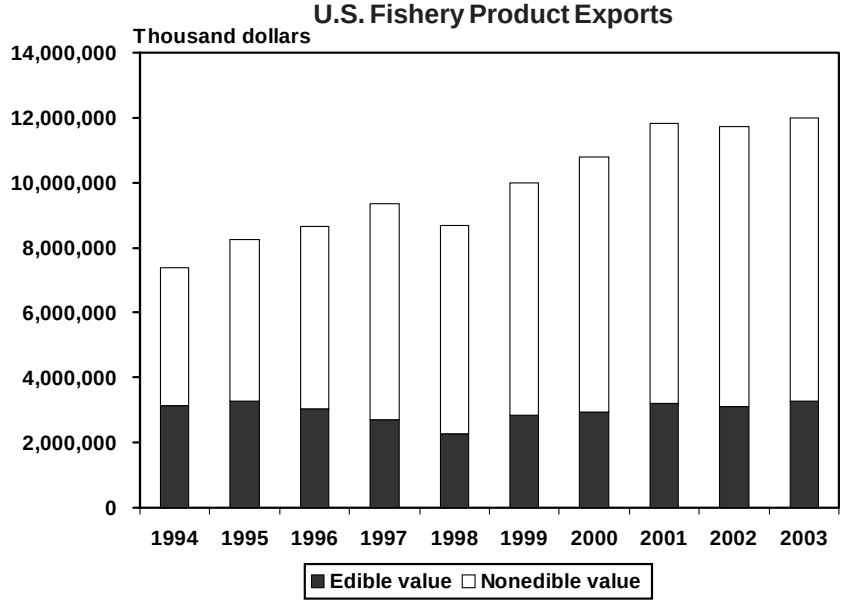
U.S. Exports to Major Areas, 2003 by Volume



U.S. Exports to Major Importers, 2003 by Volume



U.S. Fishery Product Exports



EDIBLE AND NONEDIBLE FISHERY PRODUCTS EXPORTS, 2003 (1)

Continent and Country	Edible			Nonedible	Total
	Thousand pounds	Metric tons	Thousand dollars		
North America:					
Canada	353,283	160,248	709,627	1,791,492	2,501,119
Mexico	56,612	25,679	88,919	916,725	1,005,644
Netherlands Antilles	699	317	1,716	235,225	236,941
Dominican Republic	5,686	2,579	6,787	136,683	143,470
Aruba	432	196	652	70,865	71,517
Other	17,322	7,857	28,008	322,004	350,012
Total	**434,033**	**196,876**	**835,709**	**3,472,994**	**4,308,703**
South America:					
Brazil	11,191	5,076	3,568	169,014	172,582
Colombia	624	283	679	53,943	54,622
Argentina	77	35	139	45,500	45,639
Venezuela	1,537	697	1,327	43,889	45,216
Chile	181	82	407	39,570	39,977
Other	7,586	3,441	7,382	75,005	82,387
Total	**21,195**	**9,614**	**13,502**	**426,921**	**440,423**
Europe:					
European Union:					
United Kingdom	48,285	21,902	77,400	365,700	443,100
France	51,980	23,578	92,939	198,246	291,185
Netherlands	106,317	48,225	96,651	187,155	283,806
Germany	115,151	52,232	105,689	164,265	269,954
Belgium	6,678	3,029	16,341	205,932	222,273
Other	112,607	51,078	181,626	267,682	449,308
Total	**441,017**	**200,044**	**570,646**	**1,388,980**	**1,959,626**
Other:					
Switzerland	2,743	1,244	6,816	269,108	275,924
Russian Federation	11,254	5,105	11,068	50,988	62,056
Norway	17,635	7,999	20,834	18,743	39,577
Turkey	1,362	618	960	25,272	26,232
Lithuania	29,575	13,415	17,716	2,465	20,181
Other	33,433	15,165	16,473	61,089	77,562
Total	**96,002**	**43,546**	**73,867**	**427,665**	**501,532**
Asia:					
Japan	678,697	307,855	999,460	831,837	1,831,297
South Korea	309,469	140,374	383,988	218,013	602,001
China - Hong Kong	12,734	5,776	38,685	465,347	504,032
China	230,059	104,354	186,864	300,973	487,837
Thailand	44,806	20,324	49,477	151,260	200,737
Other	50,443	22,881	74,432	786,105	860,537
Total	**1,326,208**	**601,564**	**1,732,906**	**2,753,535**	**4,486,441**
Oceania:					
Australia	36,200	16,420	22,471	150,643	173,114
New Zealand	2,291	1,039	1,676	28,288	29,965
French Polynesia	2,326	1,055	1,740	1,682	3,422
Fiji	1,030	467	398	282	680
New Caledonia	322	146	132	440	572
Other	862	391	532	820	1,352
Total	**43,029**	**19,518**	**26,949**	**182,155**	**209,104**
Africa:					
South Africa	2,304	1,045	1,640	27,690	29,330
Egypt	2,696	1,223	2,018	23,637	25,655
Nigeria	24,744	11,224	6,929	8,102	15,031
Zimbabwe	-	-	-	4,289	4,289
Kenya	-	-	-	1,971	1,971
Other	3,717	1,686	2,321	12,978	15,299
Total	**33,461**	**15,178**	**12,908**	**78,667**	**91,575**
Grand total	**2,394,945**	**1,086,340**	**3,266,487**	**8,730,917**	**11,997,404**

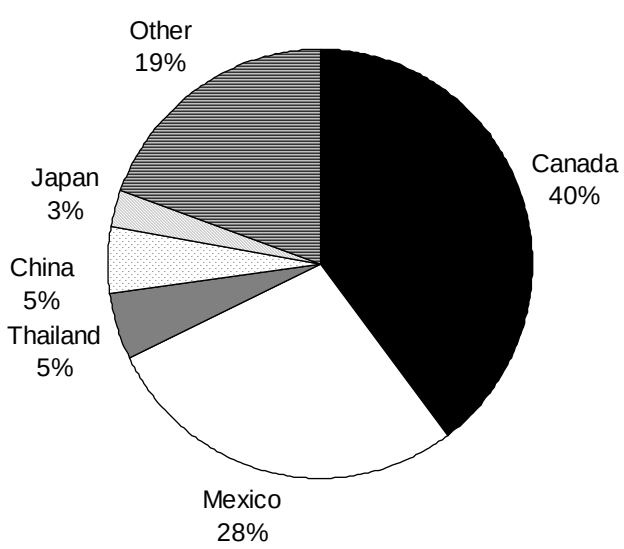
(1) Figures reflect both domestic and foreign (re-exports).
Source:--U.S. Department of Commerce, Bureau of the Census.

FRESH AND FROZEN SHRIMP EXPORTS, BY COUNTRY OF DESTINATION, 2002 AND 2003 (1)

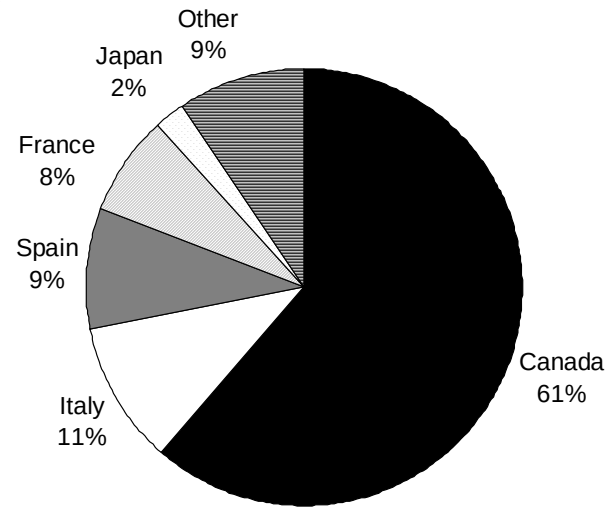
Country	2002			2003		
	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars
Canada	15,478	7,021	55,769	15,410	6,990	53,480
Mexico	10,276	4,661	37,100	10,893	4,941	35,729
Thailand	944	428	3,588	1,980	898	8,913
China	1,030	467	3,933	1,940	880	7,712
Japan	1,162	527	6,623	1,054	478	5,726
Dominican Republic	642	291	2,492	522	237	2,141
Norway	320	145	525	1,195	542	1,882
Viet Nam	390	177	1,525	395	179	1,811
Guatemala	218	99	918	306	139	1,716
Other	2,743	1,244	12,048	5,139	2,331	18,274
Total	**33,201**	**15,060**	**124,521**	**38,834**	**17,615**	**137,384**

(1) Figures reflect both domestic and foreign (re-exports).
Source:--U.S. Department of Commerce, Bureau of the Census.

U.S. Shrimp Exports by Major Importer, 2003 by Volume



U.S. Lobster Exports by Major Importer, 2003 by Volume



FRESH AND FROZEN LOBSTER EXPORTS, BY COUNTRY OF DESTINATION, 2002 AND 2003 (1)

Country	2002			2003		
	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars
Canada	42,749	19,391	153,863	38,023	17,247	155,920
Italy	6,726	3,051	37,414	6,581	2,985	42,582
Spain	5,046	2,289	29,469	5,426	2,461	35,615
France	5,322	2,414	31,903	4,691	2,128	30,924
Japan	1,839	834	13,156	1,453	659	10,791
South Korea	1,166	529	9,091	1,217	552	10,510
Kuwait	26	12	90	481	218	5,422
China - Taipei	661	300	5,653	688	312	5,106
Germany	683	310	4,402	708	321	4,748
Other	2,903	1,317	17,317	2,703	1,226	17,455
Total	**67,123**	**30,447**	**302,358**	**61,969**	**28,109**	**319,073**

(1) Figures reflect both domestic and foreign (re-exports).
Source:--U.S. Department of Commerce, Bureau of the Census.

FRESH AND FROZEN SALMON EXPORTS, WHOLE OR EVISCERATED, BY COUNTRY OF DESTINATION, 2002 AND 2003 (1)

Country	2002			2003		
	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars
Japan	63,298	28,712	120,710	65,146	29,550	118,537
Canada	28,080	12,737	42,423	36,995	16,781	60,146
Thailand	21,290	9,657	15,741	34,160	15,495	21,201
China	12,249	5,556	17,384	20,254	9,187	21,033
France	13,600	6,169	12,445	12,293	5,576	13,087
Germany	5,772	2,618	5,029	6,404	2,905	6,880
South Korea	1,874	850	2,564	5,370	2,436	4,281
Switzerland	1,574	714	2,113	2,090	948	4,178
Spain	3,455	1,567	3,068	3,719	1,687	3,152
Other	21,956	9,959	25,391	22,926	10,399	24,391
Total	**173,147**	**78,539**	**246,868**	**209,358**	**94,964**	**276,886**

(1) Figures reflect both domestic and foreign (re-exports).
Source:--U.S. Department of Commerce, Bureau of the Census.

CANNED SALMON EXPORTS, BY COUNTRY OF DESTINATION, 2002 AND 2003 (1)

Country	2002			2003		
	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars
Canada	25,212	11,436	43,949	30,882	14,008	56,715
United Kingdom	42,663	19,352	59,799	34,901	15,831	54,948
Australia	12,174	5,522	14,241	13,199	5,987	15,645
Netherlands	6,883	3,122	8,072	6,036	2,738	7,444
China	732	332	832	1,332	604	1,978
Japan	1,554	705	2,787	668	303	1,807
Belgium	1,168	530	1,248	1,301	590	1,321
Germany	584	265	974	1,082	491	1,076
New Zealand	1,140	517	1,105	1,030	467	977
Other	6,453	2,927	7,884	5,284	2,397	6,426
Total	**98,563**	**44,708**	**140,891**	**95,715**	**43,416**	**148,337**

(1) Figures reflect both domestic and foreign (re-exports).
Source:--U.S. Department of Commerce, Bureau of the Census.

FROZEN SURIMI EXPORTS, BY COUNTRY OF DESTINATION, 2002 AND 2003 (1)

Country	2002			2003		
	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars
Japan	234,499	106,368	208,169	191,267	86,758	176,797
South Korea	135,144	61,301	116,732	140,530	63,744	114,596
France	18,314	8,307	15,546	16,909	7,670	13,452
Lithuania	9,325	4,230	8,465	11,479	5,207	8,530
Netherlands	1,726	783	1,748	7,072	3,208	5,115
Spain	4,191	1,901	3,288	5,170	2,345	4,016
China	1,142	518	772	5,159	2,340	3,852
China - Taipei	5,800	2,631	4,456	5,139	2,331	3,836
Canada	1,387	629	1,317	1,131	513	1,058
Other	9,354	4,243	7,743	5,093	2,310	4,137
Total	**420,882**	**190,911**	**368,236**	**388,949**	**176,426**	**335,389**

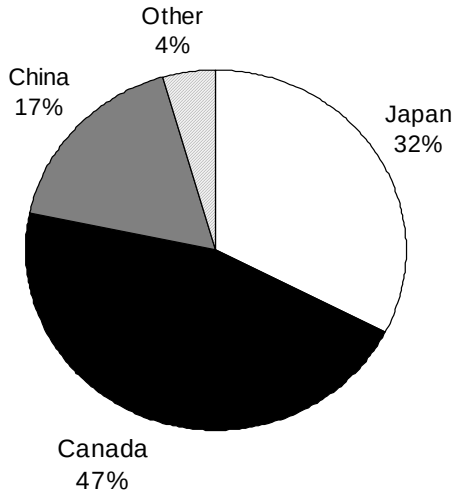
(1) Figures reflect both domestic and foreign (re-exports).
Source:--U.S. Department of Commerce, Bureau of the Census.

**FRESH AND FROZEN CRAB EXPORTS,
BY COUNTRY OF DESTINATION, 2002 AND 2003 (1)**

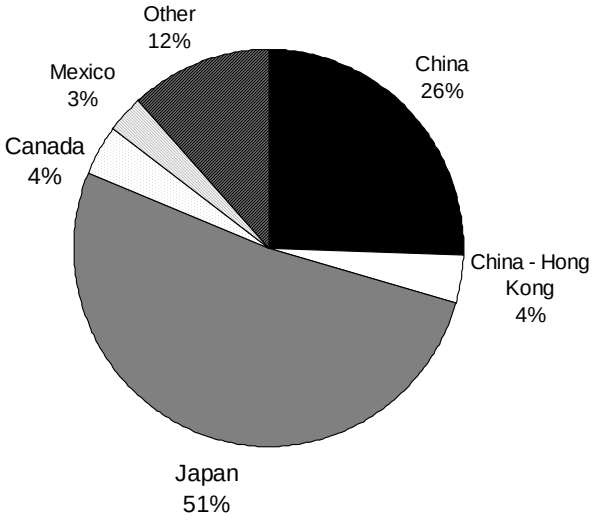
Country	2002			2003		
	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars
Japan	7,500	3,402	36,942	10,661	4,836	54,487
Canada	16,729	7,588	29,129	15,135	6,865	28,158
China	3,691	1,674	12,495	5,692	2,582	24,782
Kuwait	20	9	138	247	112	1,742
Thailand	106	48	807	545	247	1,669
Mexico	159	72	323	146	66	499
France	13	6	61	75	34	499
United Arab Emirates	35	16	164	110	50	388
United Kingdom	29	13	196	62	28	383
Other	516	234	2,388	234	106	1,172
Total	**28,796**	**13,062**	**82,643**	**32,906**	**14,926**	**113,779**

(1) Figures reflect both domestic and foreign (re-exports).
Source:--U.S. Department of Commerce, Bureau of the Census.

U.S. Crab Exports by Major Importer, 2003 by Volume



U.S.Crabmeat Exports by Major Importer, 2003 by Volume



**FRESH AND FROZEN CRABMEAT EXPORTS,
BY COUNTRY OF DESTINATION, 2002 AND 2003 (1)**

Country	2002			2003		
	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars
Canada	284	129	816	688	312	2,358
Japan	3,446	1,563	11,126	375	170	1,108
Thailand	163	74	505	245	111	1,107
Indonesia	62	28	282	181	82	467
Turks & Caicos	35	16	240	55	25	429
Mexico	209	95	422	214	97	358
China	1,702	772	5,403	93	42	349
China - Hong Kong	260	118	1,158	68	31	322
Finland	-	-	-	90	41	208
Other	511	232	1,139	511	232	1,235
Total	**6,673**	**3,027**	**21,091**	**2,520**	**1,143**	**7,941**

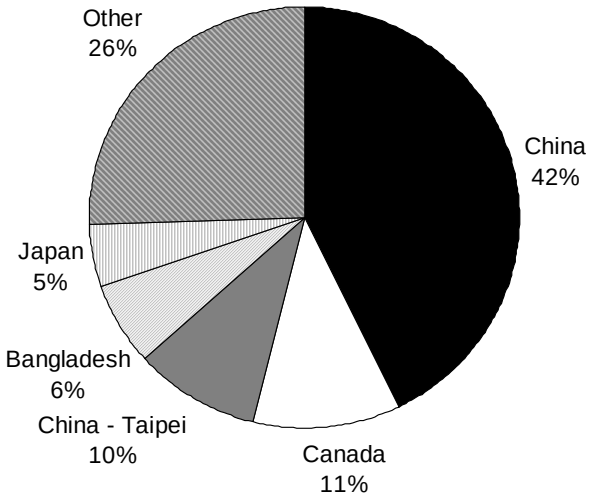
(1) Figures reflect both domestic and foreign (re-exports).
Source:--U.S. Department of Commerce, Bureau of the Census.

FISH MEAL EXPORTS,
FISH MEAL EXPORTS, BY COUNTRY OF DESTINATION, 2002 AND 2003 (1)

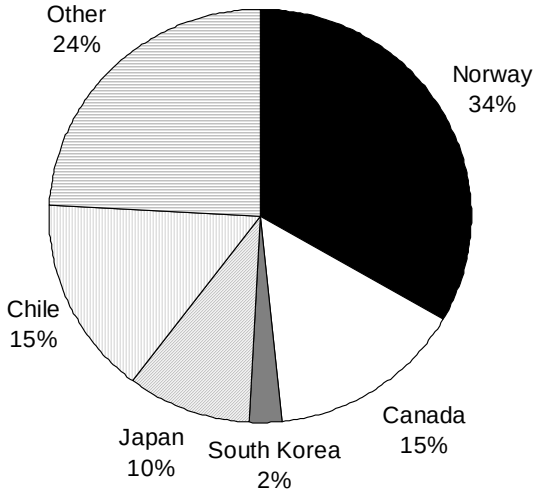
Country	2002			2003		
	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars
China	86,524	39,247	30,836	104,011	47,179	37,069
Canada	24,116	10,939	7,889	26,967	12,232	8,101
China - Taipei	22,544	10,226	7,100	23,270	10,555	6,873
Bangladesh	11,365	5,155	1,932	15,490	7,026	5,535
Philippines	29,281	13,282	7,460	21,054	9,550	4,496
Japan	16,296	7,392	5,718	11,363	5,154	3,371
Belize	7,394	3,354	1,714	9,508	4,313	2,358
Indonesia	6,131	2,781	1,027	6,191	2,808	1,866
South Korea	5,232	2,373	1,798	5,141	2,332	1,663
Other	39,707	18,011	10,844	20,565	9,328	6,518
Total	**248,591**	**112,760**	**76,318**	**243,558**	**110,477**	**77,850**

(1) Figures reflect both domestic and foreign (re-exports).
Source:--U.S. Department of Commerce, Bureau of the Census.

U.S. Fish Meal Exports by Major Importer, 2003 by Volume



U.S. Fish Oil Exports by Major Importer, 2003 by Volume



FISH AND MARINE ANIMAL OIL EXPORTS,
BY COUNTRY OF DESTINATION, 2002 AND 2003 (1)

Country	2002			2003		
	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars
Norway	22,077	10,014	4,574	48,847	22,157	10,149
Canada	28,373	12,870	7,139	22,238	10,087	6,767
Chile	32,006	14,518	6,706	22,648	10,273	4,721
Japan	66,769	30,286	14,269	14,063	6,379	3,108
South Korea	14,187	6,435	3,882	3,527	1,600	2,784
Mexico	2,377	1,078	539	12,019	5,452	2,605
Denmark	-	-	-	7,670	3,479	1,400
China - Taipei	3,100	1,406	1,199	423	192	961
Poland	115	52	277	366	166	949
Other	43,803	19,869	10,753	15,194	6,892	4,636
Total	**212,806**	**96,528**	**49,338**	**146,996**	**66,677**	**38,080**

(1) Figures reflect both domestic and foreign (re-exports).
Source:--U.S. Department of Commerce, Bureau of the Census.

Supply of Fishery Products

U.S. SUPPLY OF EDIBLE AND INDUSTRIAL FISHERY PRODUCTS, 1994-2003
(Round weight)

Year	Domestic commercial landings (1)	Imports	Exports	Total
	Million pounds			
1994	10,461	8,848	5,202	14,107
1995	9,788	6,696	5,252	11,232
1996	9,565	6,909	5,418	11,056
1997	9,842	7,290	5,537	11,595
1998	9,194	7,703	4,889	12,008
1999	9,339	8,039	5,207	12,171
2000	9,069	8,271	5,758	11,582
2001	9,492	8,627	7,107	11,012
2002	9,397	9,631	6,979	12,049
2003	9,505	10,343	6,756	13,092

Note: The weight of U.S. landings and imports represent the round(live) weight of all items except univalve and bivalve mollusks (conchs, clams, oysters, scallops, etc) which are shown in weight of meats excluding the shell.

U.S. SUPPLY OF EDIBLE FISHERY PRODUCTS, 1994-2003
(Round weight)

Year	Domestic commercial landings (1)	Imports	Exports	Total
	Million pounds			
1994	7,936	5,778	4,306	9,408
1995	7,667	5,917	4,261	9,323
1996	7,474	6,150	4,374	9,250
1997	7,244	6,495	4,326	9,413
1998	7,173	7,001	3,709	10,465
1999	6,832	7,630	4,129	10,333
2000	6,912	7,828	4,587	10,153
2001	7,314	7,992	5,774	9,532
2002	7,205	8,802	5,587	10,420
2003	7,519	9,666	5,392	11,793

(1) Preliminary.

U.S. SUPPLY OF INDUSTRIAL FISHERY PRODUCTS, 1994-2003
(Round weight)

Year	Domestic commercial landings (1)	Imports	Exports	Total
	Million pounds			
1994	2,525	3,070	896	4,699
1995	2,121	779	991	1,909
1996	2,091	759	1,044	1,806
1997	2,598	795	1,211	2,182
1998	2,021	702	1,180	1,543
1999	2,507	409	1,078	1,838
2000	2,157	443	1,171	1,429
2001	2,178	635	1,333	1,480
2002	2,192	829	1,392	1,629
2003	1,986	677	1,364	1,299

(1) Preliminary.

U.S. SUPPLY OF COMMERCIAL FINFISH AND SHELLFISH, 2002 and 2003

Item	Domestic commercial landings		Imports		Exports		Total	
	2002	2003	2002	2003	2002	2003	2002	2003
	Thousand pounds--round weight							
Edible								
Finfish	6,012,515	6,384,674	5,756,771	6,228,918	5,132,240	5,058,903	6,637,046	7,554,689
Shellfish, et al	1,192,018	1,134,347	3,045,361	3,436,643	455,195	333,206	3,782,184	4,237,784
Subtotal	**7,204,533**	**7,519,021**	**8,802,132**	**9,665,561**	**5,587,435**	**5,392,109**	**10,419,230**	**11,792,473**
Industrial (1)								
Finfish	2,077,472	1,863,702	828,697	677,535	1,392,107	1,363,922	1,514,062	1,177,315
Shellfish, et al	115,159	122,725	(2)	(2)	(2)	(2)	115,159	122,725
Subtotal	**2,192,631**	**1,986,427**	**828,697**	**677,535**	**1,392,107**	**1,363,922**	**1,629,221**	**1,300,040**
Total:								
Finfish	8,089,987	8,248,376	6,585,468	6,906,453	6,524,347	6,422,825	8,151,108	8,732,004
Shellfish, et al	1,307,177	1,257,072	3,045,361	3,436,643	455,195	333,206	3,897,343	4,360,509
Grand total	**9,397,164**	**9,505,448**	**9,630,829**	**10,343,096**	**6,979,542**	**6,756,031**	**12,048,451**	**13,092,513**

(1) Includes only quantity harvested for fish meal.
(2) Not available.
NOTE: Total landings shown in this table may not agree with landings reported in other tables due to rounding.

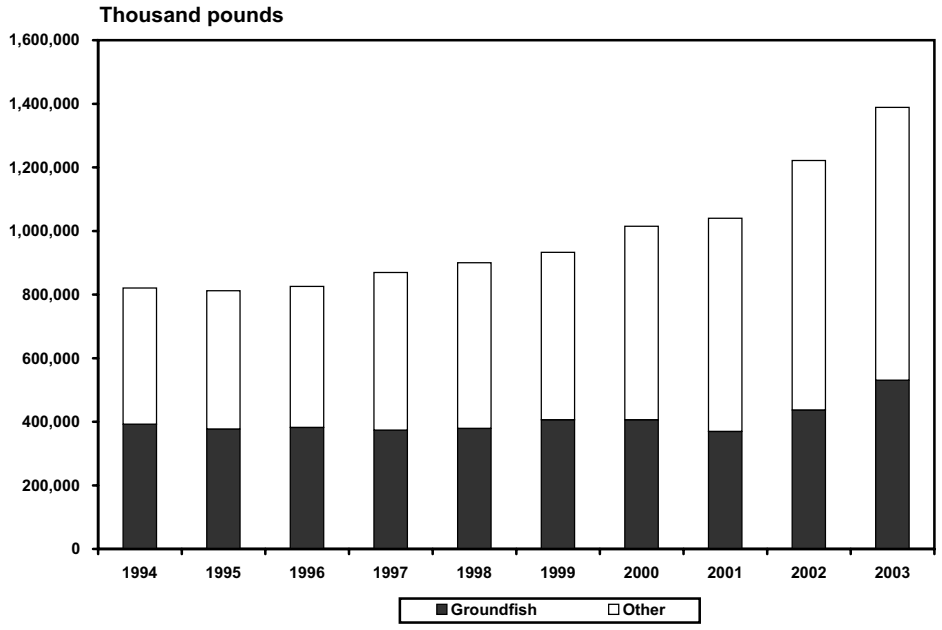
Supply of Fishery Products

U.S. SUPPLY OF ALL FILLETS AND STEAKS, 1994-2003
(Edible weight)

Year	U.S. production (1)	Imports	Total	Exports	Total supply
	Thousand pounds				
1994	425,022	439,059	864,081	43,252	820,829
1995	385,293	477,483	862,776	50,785	811,991
1996	423,309	476,469	899,778	74,368	825,410
1997	409,652	514,805	924,457	55,014	869,443
1998	422,418	578,561	1,000,979	101,016	899,963
1999	362,303	654,301	1,016,604	83,557	933,047
2000	367,680	734,711	1,102,391	87,511	1,014,880
2001	479,870	795,525	1,275,395	235,570	1,039,825
2002	519,099	922,543	1,441,642	220,038	1,221,604
2003	611,434	993,020	1,604,454	215,682	1,388,772

(1) Includes fillets used to produce blocks.

U.S. Supply of Fillets and Steaks



U.S. SUPPLY OF GROUNDFISH FILLETS AND STEAKS, 1994-2003
(Edible weight)

Year	U.S. production (1)	Imports	Total	Exports (2)	Total supply
	Thousand pounds				
1994	220,357	189,097	409,454	17,639	391,815
1995	216,699	184,845	401,544	24,606	376,938
1996	245,406	178,209	423,615	41,691	381,924
1997	220,403	176,125	396,528	23,367	373,161
1998	255,291	186,937	442,228	63,481	378,747
1999	218,765	224,944	443,709	37,474	406,235
2000	233,186	224,955	458,141	52,145	405,996
2001	336,822	194,684	531,506	162,353	369,153
2002	382,712	231,450	614,162	177,501	436,661
2003	465,588	232,894	698,482	167,924	530,558

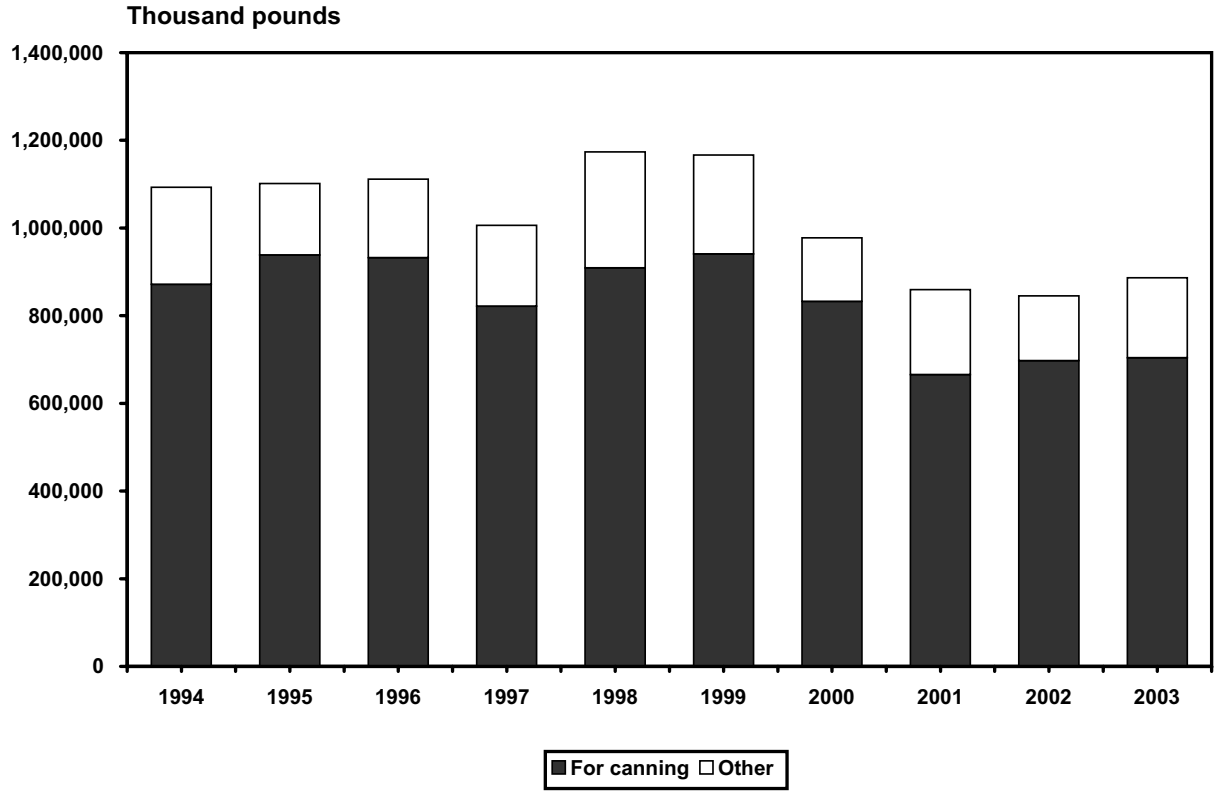
(1) Includes fillets used to produce blocks. Species include cod, cusk, haddock, hake, pollock, and ocean perch.
(2) Species include: cod and pollock.

U.S. SUPPLY OF FRESH AND FROZEN TUNA, 1994-2003
(Round weight)

Year	U.S. commercial landings (1)			Imports (2)			Exports total	Total supply
	For canning	Other	Total	For canning	Other	Total		
	Thousand pounds							
1994	401,732	157,695	559,427	469,514	92,352	561,866	28,512	1,092,781
1995	407,036	86,956	493,992	531,266	105,304	636,570	28,869	1,101,693
1996	364,652	91,612	456,264	567,266	119,247	686,513	31,382	1,111,395
1997	354,074	102,567	456,641	467,526	105,806	573,332	24,092	1,005,881
1998	318,144	161,305	479,449	590,568	137,852	728,420	34,026	1,173,843
1999	368,716	111,658	480,374	571,976	135,966	707,942	22,018	1,166,298
2000	281,982	54,668	336,650	550,552	107,116	657,668	16,775	977,543
2001	230,990	100,145	331,135	434,358	124,423	558,781	30,569	859,347
2002	272,086	68,824	340,910	424,894	112,925	537,819	33,735	844,994
2003	169,054	80,468	249,522	534,690	146,781	681,471	44,516	886,477

(1) Includes quantity of fish landed at other ports by U.S.-flag vessels.
(2) Includes landings in American Samoa of foreign-caught fish.

U.S. Supply of Fresh and Frozen Tuna



U.S. SUPPLY OF CANNED SARDINES, 1994-2003
(Canned weight)

Year	U.S. pack	Imports	Total	Exports	Total supply
	Thousand pounds				
1994	15,560	43,942	59,502	11,010	48,492
1995	13,567	42,280	55,847	11,773	44,074
1996	17,672	40,926	58,598	12,207	46,391
1997	15,976	42,771	58,747	9,321	49,426
1998	11,842	44,328	56,170	6,314	49,856
1999	12,017	48,722	60,739	3,803	56,936
2000	(1)	62,236	NA	9,306	NA
2001	(1)	54,758	NA	21,248	NA
2002	(1)	48,986	NA	35,692	NA
2003	(1)	54,341	NA	30,042	NA

(1) Data are confidential
NA Not available

U.S. SUPPLY OF CANNED SALMON, 1994-2003
(Canned weight)

Year	U.S. pack	Imports	Total	Exports	Total supply
	Thousand pounds				
1994	206,841	1,093	207,934	90,915	117,019
1995	243,568	1,202	244,770	98,197	146,573
1996	197,163	2,266	199,429	95,530	103,899
1997	162,106	1,228	163,334	81,621	81,713
1998	158,798	1,323	160,121	77,450	82,671
1999	234,155	2,229	236,384	113,726	122,658
2000	171,125	5,161	176,286	81,006	95,280
2001	184,687	6,362	191,049	110,076	80,973
2002	223,708	10,013	233,721	98,563	135,158
2003	188,070	18,263	206,333	95,715	110,618

U.S. SUPPLY OF CANNED TUNA, 1994-2003
(Canned weight)

Year	U.S. pack	Imports	Total	Exports	Total supply
	Thousand pounds				
1994	609,514	249,043	858,557	8,391	850,166
1995	666,581	215,365	881,946	7,385	874,561
1996	675,816	193,037	868,853	9,866	858,987
1997	627,032	212,171	839,203	9,967	829,236
1998	680,860	240,409	921,269	9,319	911,950
1999	693,816	334,537	1,028,353	7,945	1,020,408
2000	671,341	312,967	984,308	4,178	980,130
2001	507,400	292,202	799,602	3,521	796,081
2002	546,970	378,140	925,110	3,589	921,521
2003	529,310	459,029	988,339	6,263	982,076

Supply of Fishery Products

U.S. SUPPLY OF KING CRAB, 1994-2003
(Round weight)

Year	U.S. commercial landings	Imports (1)	Total	Exports (1)	Total supply
	Thousand pounds				
1994	11,960	15,035	26,995	15,013	11,982
1995	14,673	18,360	33,033	11,847	21,186
1996	21,000	26,533	47,533	17,650	29,883
1997	18,027	39,666	57,693	12,516	45,177
1998	24,122	51,655	75,777	13,575	62,202
1999	16,920	46,922	63,842	11,483	52,359
2000	15,098	40,233	55,331	14,578	40,753
2001	16,054	37,731	53,785	15,416	38,369
2002	16,793	42,775	59,568	13,045	46,523
2003	22,886	40,456	63,342	16,604	46,738

(1) Imports, exports, foreign exports converted to round (live) weight by using these conversion factors: frozen, 1.75; meat, 4.50; and canned, 5.33.

U.S. SUPPLY OF SNOW (TANNER) CRABS, 1994-2003
(Round weight)

Year	U.S. commercial landings	Imports (1)	Total	Exports (2)	Total supply
	Thousand pounds				
1994	159,574	27,446	187,020	147,006	40,014
1995	80,817	20,969	101,786	59,805	41,981
1996	67,867	28,336	96,203	50,509	45,694
1997	118,898	41,959	160,857	50,604	110,253
1998	251,831	60,166	311,997	58,366	253,631
1999	185,162	110,041	295,203	78,918	216,285
2000	34,497	119,443	153,940	32,239	121,701
2001	26,844	172,581	199,425	28,589	170,836
2002	33,238	175,470	208,708	36,351	172,357
2003	28,818	190,778	219,596	21,405	198,191

(1) Converted to round(live) weight by multiplying fresh and frozen by 1.50; meat, 4.50; and canned, 5.00.
(2) Domestic merchandise converted to round(live) weight by multiplying frozen weight by 2.13 (believed to be mostly sections); meat, 4.50; and canned, 5.33. Foreign exports converted using the same factors as imports.
(3) Estimated, based on available foreign import data.

U.S. SUPPLY OF CANNED CRABMEAT, 1994-2003
(Canned weight)

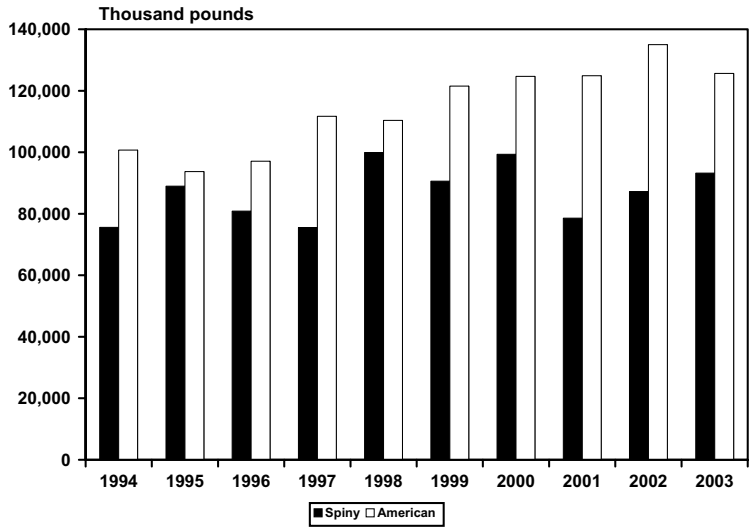
Year	U.S. pack	Imports	Total	Exports	Total supply
	Thousand pounds				
1994	17	9,852	9,869	511	9,358
1995	65	12,441	12,506	276	12,230
1996	93	12,773	12,866	337	12,529
1997	83	15,871	15,954	608	15,346
1998	67	22,020	22,087	558	21,529
1999	27	27,707	27,734	1,329	26,405
2000	31	31,246	31,277	2,586	28,691
2001	6	36,923	36,929	1,931	34,998
2002	21	45,294	45,315	1,186	44,129
2003	16	47,282	47,298	732	46,566

U.S. SUPPLY OF AMERICAN LOBSTERS,1994-2003
(Round weight)

Year	U.S. commercial landings	Imports (1)	Total	Exports (2)	Total supply
	Thousand pounds				
1994	66,416	65,949	132,365	31,646	100,719
1995	66,406	62,923	129,329	35,587	93,742
1996	71,641	65,379	137,020	39,919	97,101
1997	83,921	73,033	156,954	45,262	111,692
1998	79,642	73,601	153,243	42,874	110,369
1999	87,469	90,830	178,299	56,755	121,544
2000	83,180	105,964	189,144	64,452	124,692
2001	73,637	111,149	184,786	59,898	124,888
2002	82,252	119,594	201,846	66,827	135,019
2003	71,735	115,334	187,069	61,433	125,636

(1) Only imports from Canada and St. Pierre and Miquelon are considered American lobsters and were converted to round weight by using these conversion factors: 1.00, whole; 4.50, meat, and 4.64, canned.
(2) Domestic exports conversion to live weight by 1.00, whole; 4.00, meat; and 4.50, canned. Foreign exports converted using import factors.

U.S. Supply of Lobster



U.S. SUPPLY OF SPINY LOBSTERS,1994-2003
(Round weight)

Year	U.S. commercial landings	Imports (1)	Total	Exports (2)	Total supply
	Thousand pounds				
1994	8,104	68,787	76,891	1,304	75,587
1995	7,123	86,900	94,023	5,035	88,988
1996	8,308	75,595	83,903	3,033	80,870
1997	7,240	74,120	81,360	5,842	75,518
1998	5,935	95,801	101,736	1,802	99,934
1999	6,692	86,240	92,932	2,346	90,586
2000	6,463	94,433	100,896	1,571	99,325
2001	4,082	76,667	80,749	2,158	78,591
2002	5,188	86,923	92,111	4,890	87,221
2003	4,829	94,423	99,252	6,047	93,205

(1) Imports were converted to round (live) weight by using these conversion factors: 1.00, whole; 3.00, tails; 4.35, other; and 4.50 canned.
(2) Domestic exports converted to round (live) weight by using: 1.00, whole; 3.00, tails; 4.00, other; and 4.50, canned. Foreign exports converted using import factors.

U.S. SUPPLY OF CLAMS, 1994-2003
(Meat weight)

Year	U.S. commercial landings (1)	Imports (2)	Total	Exports	Total supply
	Thousand pounds				
1994	131,427	15,507	146,934	2,617	144,317
1995	134,224	12,645	146,869	2,853	144,016
1996	123,239	14,340	137,579	3,448	134,131
1997	114,180	13,184	127,364	3,651	123,713
1998	107,959	15,666	123,625	4,318	119,307
1999	112,230	16,315	128,545	3,898	124,647
2000	118,482	17,767	136,249	3,627	132,622
2001	122,764	19,962	142,726	4,080	138,646
2002	130,076	18,256	148,332	4,348	143,984
2003	127,794	21,697	149,491	6,429	143,062

(1) For species breakout see table on page 3.
(2) Imports and exports were converted to meat weight by using these conversion factors: 0.40 in shell or shucked; 0.30, canned chowder and juice; and 0.93, other.

U.S. SUPPLY OF OYSTERS, 1994-2003
(Meat weight)

Year	U.S. commercial landings	Imports (1)	Total	Exports	Total supply
	Thousand pounds				
1994	38,086	24,694	62,780	1,988	60,792
1995	40,380	24,200	64,580	1,908	62,672
1996	38,007	21,708	59,715	1,648	58,067
1997	39,652	20,533	60,185	2,191	57,994
1998	33,538	29,575	63,113	1,877	61,236
1999	26,983	30,012	56,995	2,047	54,948
2000	41,146	32,735	73,881	2,447	71,434
2001	32,673	28,416	61,089	3,007	58,082
2002	34,397	30,806	65,203	2,957	62,246
2003	37,046	36,677	73,723	4,398	69,325

(1) Imports and exports were converted to meat weight by using these conversion factors: 0.93, canned; 3.12, canned smoked; and 0.75, other.

U.S. SUPPLY OF SCALLOPS, 1994-2003
(Meat weight)

Year	U.S. commercial landings (1)	Imports	Total	Exports	Total supply
	Thousand pounds				
1994	25,469	56,676	82,145	5,990	76,155
1995	19,526	48,331	67,857	5,926	61,931
1996	18,197	58,686	76,883	6,191	70,692
1997	15,474	60,146	75,620	9,861	65,759
1998	13,166	52,445	65,611	7,306	58,305
1999	27,178	44,079	71,257	6,982	64,275
2000	32,772	53,649	86,421	8,911	77,510
2001	46,964	39,696	86,660	10,295	76,365
2002	53,078	48,210	101,288	10,117	91,171
2003	56,036	51,932	107,968	13,878	94,090

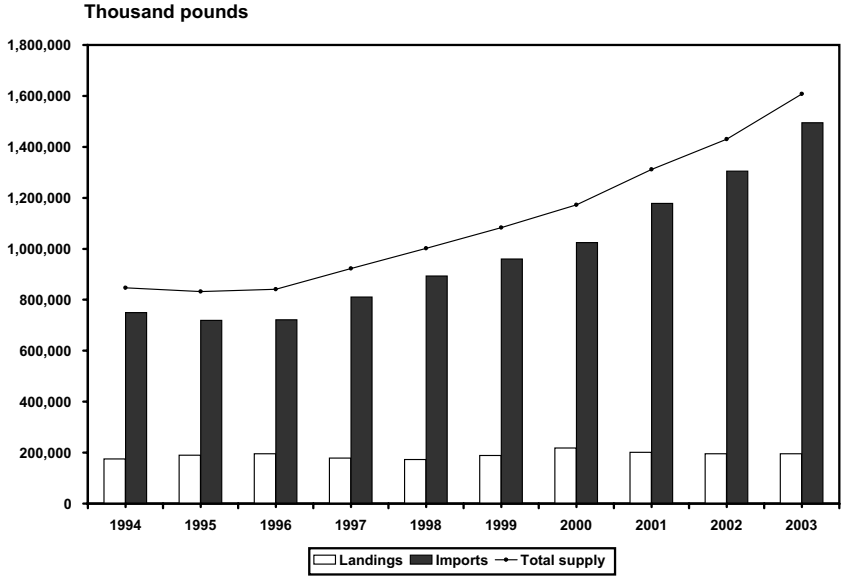
(1) For species breakout see table on page 4.

U.S. SUPPLY OF ALL FORMS OF SHRIMP, 1994-2003
(Heads-off weight)

Year	U.S. commercial landings (1)	Imports (2)	Total	Exports (3)	Total supply
	Thousand pounds				
1994	174,969	749,993	924,962	77,755	847,207
1995	190,208	719,463	909,671	77,677	831,994
1996	195,902	720,852	916,754	75,130	841,624
1997	179,084	810,696	989,780	66,674	923,106
1998	173,304	893,578	1,066,882	65,302	1,001,580
1999	189,112	959,915	1,149,027	65,427	1,083,600
2000	218,542	1,024,476	1,243,018	70,383	1,172,635
2001	201,428	1,178,232	1,379,660	67,975	1,311,685
2002	195,666	1,305,172	1,500,838	71,036	1,429,802
2003	195,107	1,495,268	1,690,375	82,935	1,607,440

(1) Commercial landings were converted to heads-off weight by using these conversion factors: South Atlantic and Gulf, 0.629; and New England, Pacific and other, 0.57.
(2) Imports were converted to heads-off weight by using these conversion factors: breaded,0.63; shell-on, 1.00; peeled raw, 1.28; canned, 2.52; and other, 2.40.
(3) Exports were converted to heads-off weight by using these conversion factors: domestic fresh and frozen, 1.18; canned, 2.02; other, 2.40; foreign--fresh and frozen, 1.00; canned, 2.52; and other, 2.40.

U.S. Supply of Shrimp



U.S. SUPPLY OF CANNED SHRIMP, 1994-2003
(Canned weight)

Year	U.S. pack	Imports	Total	Exports	Total supply
	Thousand pounds				
1994	463	6,314	6,777	1,841	4,936
1995	912	6,570	7,482	3,250	4,232
1996	819	3,563	4,382	2,665	1,717
1997	1,168	3,620	4,788	1,470	3,318
1998	2,253	3,406	5,659	1,660	3,999
1999	1,955	2,945	4,900	2,355	2,545
2000	1,910	3,655	5,565	2,549	3,016
2001	1,592	4,273	5,865	3,091	2,774
2002	1,755	4,076	5,831	3,322	2,509
2003	1,051	3,907	4,958	4,592	366

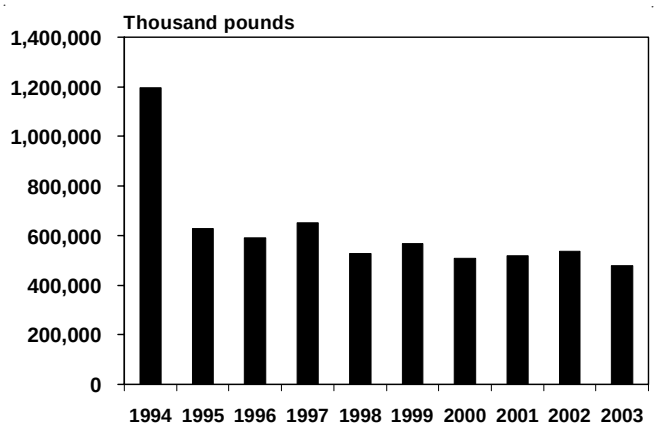
Supply of Fishery Products

U.S. SUPPLY OF FISH MEAL, 1994-2003
(Product weight)

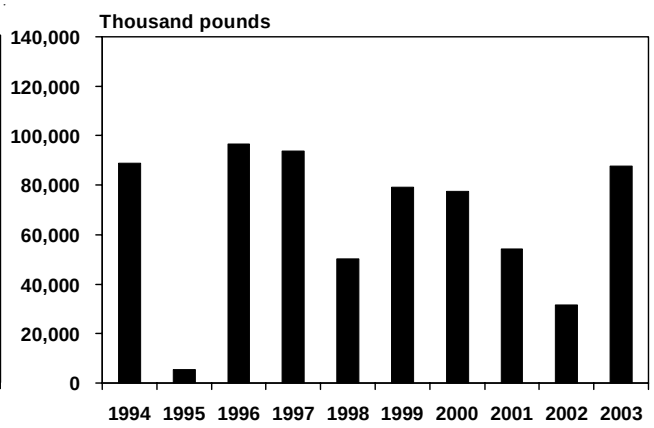
Year	U.S. production (1)	Imports	Total	Exports	Total supply
	Thousand pounds				
1994	807,833	548,288	1,356,121	159,937	1,196,184
1995	667,240	139,101	806,341	176,981	629,360
1996	643,124	135,561	778,685	186,412	592,273
1997	724,668	142,049	866,717	216,289	650,428
1998	613,434	125,404	738,838	210,658	528,180
1999	686,250	73,069	759,319	192,512	566,807
2000	638,244	79,013	717,257	209,177	508,080
2001	643,989	113,277	757,266	238,068	519,198
2002	637,930	147,982	785,912	248,591	537,321
2003	602,831	120,988	723,819	243,558	480,261

(1) Includes shellfish meal.

U.S. Supply of Fish Meal



U.S. Supply of Fish Oils



U.S. SUPPLY OF FISH OILS, 1994-2003
(Product weight)

Year	U.S. production	Imports	Total	Exports	Total supply
	Thousand pounds				
1994	291,189	40,642	331,831	242,788	89,043
1995	241,941	23,913	265,854	260,394	5,460
1996	248,399	35,622	284,021	187,294	96,727
1997	283,379	25,622	309,001	215,255	93,746
1998	222,697	24,213	246,910	196,664	50,246
1999	286,182	25,677	311,859	232,546	79,313
2000	192,348	27,220	219,568	142,221	77,347
2001	279,416	23,532	302,948	248,798	54,150
2002	210,867	33,415	244,282	212,806	31,476
2003	195,699	39,008	234,707	146,996	87,711

Per Capita Consumption

The NMFS calculation of per capita consumption is based on a "disappearance" model. The total U.S. supply of imports and landings is converted to edible weight and decreases in supply such as exports are subtracted out. The remaining total is divided by a population value to estimate per capita consumption. Data for the model are derived primarily from secondary sources and are subject to incomplete reporting; changes in source data or invalid model assumptions may each have a significant effect on the resulting calculation.

U.S. per capita consumption of fish and shellfish was 16.3 pounds (edible meat) in 2003. This total was 0.7 pounds more than the 15.6 pounds consumed in 2002. Per capita consumption of fresh and frozen products was 11.4 pounds, 0.4 pound more than 2002.

Fresh and frozen finfish accounted for 5.7 pounds while fresh and frozen shellfish consumption was 5.7 pounds per capita. The fresh and frozen finfish includes approximately 1.1 pounds of farm raised catfish.

Consumption of canned fishery products was 4.6 pounds per capita in 2003, 0.3 pound more than the 4.3 pounds in 2002. Cured fish accounted for 0.3 pound per capita, the same as in previous years. Imports of edible seafood made up 78 percent of the consumption.

PER CAPITA USE. Per capita use is based on the supply of fishery products, both edible and non-edible (industrial), on a round-weight equivalent basis without considering beginning or ending stocks, defense purchases, or exports. The per capita use of all edible and industrial fishery products in 2003 was 68.2 pounds, up 2.2 pounds compared with 2002.

WORLD CONSUMPTION. The FAO calculation for apparent consumption is based on a disappearance model. The three year average considers, on a round weight equivalent basis, a countries landings, imports, and exports. The revised 1999-2001 data indicates that the United States ranks as the third largest consumer of seafood in the world.

Per Capita Consumption

Annual per capita consumption of seafood products represents the pounds of edible meat consumed from domestically-caught and imported fish and shellfish adjusted for and exports, divided by the civilian population of the United States as of July 1 of each year.

U.S. ANNUAL PER CAPITA CONSUMPTION OF COMMERCIAL FISH AND SHELLFISH, 1910-2003

Year	Civilian resident population July 1 (1)	Per capita consumption			
		Fresh and frozen (2)	Canned (3)	Cured (4)	Total
	Million persons	-------Pounds, edible meat-------			
1910	92.2	4.5	2.8	3.9	11.2
1920	106.5	6.3	3.2	2.3	11.8
1930	122.9	5.8	3.4	1.0	10.2
1940	132.1	5.7	4.6	0.7	11.0
1950	150.8	6.3	4.9	0.6	11.8
1960	178.1	5.7	4.0	0.6	10.3
1970	201.9	6.9	4.5	0.4	11.8
1980	225.6	7.9	4.3	0.3	12.5
1981	227.8	7.8	4.6	0.3	12.7
1982	230.0	7.9	4.3	0.3	12.5
1983	232.1	8.4	4.7	0.3	13.4
1984	234.1	9.0	4.9	0.3	14.2
1985	236.2	9.8	5.0	0.3	15.1
1986	238.4	9.8	5.4	0.3	15.5
1987	240.6	10.7	5.2	0.3	16.2
1988	242.8	10.0	4.9	0.3	15.2
1989	245.1	10.2	5.1	0.3	15.6
1990	247.8	9.6	5.1	0.3	15.0
1991	250.5	9.7	4.9	0.3	14.9
1992	253.5	9.9	4.6	0.3	14.8
1993	256.4	10.2	4.5	0.3	15.0
1994	259.2	10.4	4.5	0.3	15.2
1995	261.4	10.0	4.7	0.3	15.0
1996	264.0	10.0	4.5	0.3	14.8
1997	266.4	9.9	4.4	0.3	14.6
1998	269.1	10.2	4.4	0.3	14.9
1999	271.5	10.4	4.7	0.3	15.4
2000	280.9	10.2	4.7	0.3	15.2
2001	283.6	10.3	4.2	0.3	14.8
2002	287.1	11.0	4.3	0.3	15.6
2003 (5)	289.6	*11.4	4.6	0.3	*16.3

(1) Resident population for 1910 and 1920 and civilian resident population for 1930 to date.

(2) Fresh and frozen fish consumption for 1910 and 1920 is estimated. Beginning in 1973, data include consumption of cultivated catfish.

(3) Canned fish consumption for 1920 is estimated. Beginning in 1921, it is based on production reports, packer stocks, and foreign trade statistics for individual years.

(4) Cured fish consumption for 1910 and 1920 is estimated.

(5) The use of beginning and ending inventories was discontiued as of 2003.

*Record years: Canned--5.8, 1936; Cured--4.0, 1909.

U.S. ANNUAL PER CAPITA CONSUMPTION OF CANNED FISHERY PRODUCTS, 1980-2003

Year	Salmon	Sardines	Tuna	Shellfish	Other	Total
	Pounds					
1980	0.5	0.3	3.0	0.4	0.1	4.3
1981	0.5	0.4	3.0	0.4	0.3	4.6
1982	0.5	0.3	2.8	0.4	0.3	4.3
1983	0.5	0.2	3.2	0.4	0.4	4.7
1984	0.6	0.2	3.2	0.4	0.5	4.9
1985	0.5	0.3	3.3	0.5	0.4	5.0
1986	0.5	0.3	3.6	0.5	0.5	5.4
1987	0.4	0.3	3.5	0.5	0.5	5.2
1988	0.3	0.3	3.6	0.4	0.3	4.9
1989	0.3	0.3	3.9	0.4	0.2	5.1
1990	0.4	0.3	3.7	0.3	0.4	5.1
1991	0.5	0.2	3.6	0.4	0.2	4.9
1992	0.5	0.2	3.5	0.3	0.1	4.6
1993	0.4	0.2	3.5	0.3	0.1	4.5
1994	0.4	0.2	3.3	0.3	0.3	4.5
1995	0.5	0.2	3.4	0.3	0.3	4.7
1996	0.5	0.2	3.2	0.3	0.3	4.5
1997	0.4	0.2	3.1	0.3	0.4	4.4
1998	0.3	0.2	3.4	0.3	0.2	4.4
1999	0.3	0.2	3.5	0.4	0.3	4.7
2000	0.3	0.2	3.5	0.3	0.4	4.7
2001	0.4	0.2	2.9	0.3	0.4	4.2
2002	0.5	0.1	3.1	0.3	0.3	4.3
2003	0.4	0.1	3.4	0.4	0.3	4.6

U.S. ANNUAL PER CAPITA CONSUMPTION OF CERTAIN FISHERY ITEMS, 1980-2003

Year	Fillets and steaks (1)	Sticks and portions	Shrimp, all preparation
	Pounds (2)		
1980	2.4	2.0	1.4
1981	2.4	1.8	1.5
1982	2.5	1.7	1.5
1983	2.7	1.8	1.7
1984	3.0	1.8	1.9
1985	3.2	1.8	2.0
1986	3.4	1.8	2.2
1987	3.6	1.7	2.4
1988	3.2	1.5	2.4
1989	3.1	1.5	2.3
1990	3.1	1.5	2.2
1991	3.0	1.2	2.4
1992	2.9	0.9	2.5
1993	2.9	1.0	2.5
1994	3.1	0.9	2.6
1995	2.9	1.2	2.5
1996	3.0	1.0	2.5
1997	3.0	1.0	2.7
1998	3.2	0.9	2.8
1999	3.2	1.0	3.0
2000	3.6	0.9	3.2
2001	3.7	0.8	3.4
2002	4.1	0.8	3.7
2003	* 4.3	0.7	* 4.0

(1) Data include groundfish and other species. Data do not include blocks, but fillets could be made into blocks from which sticks and portions could be produced.

(2) Product weight of fillets and steaks, sticks and portions; edible (meat)weight of shrimp.

*Record

ANNUAL PER CAPITA CONSUMPTION OF FISH AND SHELLFISH FOR HUMAN FOOD, BY REGION AND COUNTRY, 1999-2001 AVERAGE

Region and Country	Estimated live weight equivalent	
	Kilograms	Pounds
North America:		
Canada	23.9	52.7
Greenland	84.3	185.8
St. Pierre and Miquelon	72.4	159.6
United States	21.3	47.0
Caribbean:		
Anguilla	22.7	50.0
Antigua	32.2	71.0
Aruba	42.7	94.1
Bahamas	22.3	49.2
Barbados	36.3	80.0
Bermuda	30.9	68.1
British Virgin Islands	3.5	7.7
Cayman Islands	6.7	14.8
Cuba	12.4	27.3
Dominica	35.2	77.6
Dominican Republic	9.5	20.9
Grenada	29.7	65.5
Guadeloupe	22.9	50.5
Haiti	2.6	5.7
Jamaica	19.4	42.8
Martinique	16.1	35.5
Netherland Antilles	14.5	32.0
Puerto Rico	1.0	2.2
Saint Kitts and Nevis	31.4	69.2
Saint Lucia	30.2	66.6
Saint Vincent	14.7	32.4
Trinidad-Tobago	9.9	21.8
Turks & Caicos	33.0	72.8
U.S. Virgin Islands	2.6	5.7
Latin America:		
Argentina	9.4	20.7
Belize	14.2	31.3
Bolivia	2.1	4.6
Brazil	6.5	14.3
Chile	15.3	33.7
Colombia	4.1	9.0
Costa Rica	6.3	13.9
Ecuador	5.8	12.8
El Salvador	3.0	6.6
French Guiana	34.2	75.4
Guatemala	1.5	3.3
Guyana	51.5	113.5
Honduras	2.2	4.9
Mexico	10.4	22.9
Nicaragua	4.1	9.0
Panama	10.5	23.1
Paraguay	4.8	10.6
Peru	20.1	44.3
Suriname	18.0	39.7
Uruguay	8.4	18.5
Venezuela	16.8	37.0
Europe:		
Albania	3.2	7.1
Armenia	0.9	2.0
Austria	11.1	24.5
Azerbaijan	0.9	2.0
Belarus	10.0	22.0

Region and Country	Estimated live weight equivalent	
	Kilograms	Pounds
Europe - Continued:		
Belgium and Luxembourg	20.6	45.4
Bosnia-Hercegovina	2.8	6.2
Bulgaria	3.4	7.5
Croatia	7.4	16.3
Czech Republic	10.3	22.7
Denmark	22.6	49.8
Estonia	19.2	42.3
Faeroe Island	86.5	190.7
Finland	30.3	66.8
France	29.7	65.5
Georgia	1.0	2.2
Germany	12.2	26.9
Greece	22.7	50.0
Hungary	4.1	9.0
Iceland	91.5	201.7
Ireland	14.8	32.6
Italy	23.1	50.9
Kazakhstan	3.4	7.5
Kyrgyzstan	0.6	1.3
Latvia	11.9	26.2
Lithuania	40.5	89.3
Macedonia	4.2	9.3
Malta	33.5	73.9
Moldova	4.5	9.9
Netherlands	21.9	48.3
Norway	50.0	110.2
Poland	9.6	21.2
Portugal	57.4	126.5
Romania	2.6	5.7
Russian Federation	19.1	42.1
Slovakia	6.7	14.8
Slovenia	7.0	15.4
Spain	43.9	96.8
Sweden	26.0	57.3
Switzerland	15.4	34.0
Tajikistan	0.1	0.2
Turkmenistan	2.1	4.6
Ukraine	12.8	28.2
United Kingdom	20.2	44.5
Uzbekistan	0.4	0.9
Yugoslavia	2.7	6.0
Near East:		
Afghanistan	0.0	0.0
Bahrain	13.9	30.6
Cyprus	24.7	54.5
Egypt	14.1	31.1
Iran	4.7	10.4
Iraq	1.0	2.2
Israel	20.9	46.1
Jordan	4.0	8.8
Kuwait	8.2	18.1
Lebanon	9.2	20.3
Libya	6.6	14.6
Oman	25.8	56.9
Qatar	14.7	32.4
Saudi Arabia	6.8	15.0
Sudan	1.8	4.0
Syria	1.8	4.0
Turkey	7.1	15.7
United Arab Emirates	26.0	57.3
Yemen Republic	6.1	13.4

See note at end of table.
(Continued on next page)

ANNUAL PER CAPITA CONSUMPTION OF FISH AND SHELLFISH FOR HUMAN FOOD, BY REGION AND COUNTRY, 1999-2001 AVERAGE

Region and Country	Estimated live weight equivalent	
	Kilograms	Pounds
Far East:		
Bangladesh	11.6	25.6
Bhutan	0.2	0.4
Brunei	29.1	64.2
Burma	18.2	40.1
Cambodia	22.9	50.5
China	25.4	56.0
China - Hong Kong	58.0	127.9
China - Macao	35.7	78.7
China - Taipei	32.5	71.6
India	4.8	10.6
Indonesia	20.2	44.5
Japan	66.1	145.7
Laos	14.1	31.1
Malaysia	60.0	132.3
Maldives	187.3	412.9
Mongolia	0.2	0.4
Nepal	1.3	2.9
North Korea	8.2	18.1
Pakistan	2.4	5.3
Philippines	30.0	66.1
Singapore	29.3	64.6
South Korea	52.4	115.5
Sri Lanka	21.9	48.3
Thailand	32.3	71.2
Viet Nam	18.6	41.0
Africa:		
Algeria	3.6	7.9
Angola	14.6	32.2
Benin	8.8	19.4
Botswana	3.9	8.6
Burkina	2.3	5.1
Burundi	1.9	4.2
Cameroon	13.6	30.0
Cape Verde	21.9	48.3
Central African Rep	4.1	9.0
Chad	6.9	15.2
Comoros	18.6	41.0
Congo (Brazzaville)	18.3	40.3
Congo (Kinshasa)	6.0	13.2
Djibouti	1.3	2.9
Equatorial Guinea	16.9	37.3
Eritrea	2.4	5.3
Ethiopia	0.2	0.4
Gabon	44.1	97.2
Gambia	23.5	51.8
Ghana	29.7	65.5
Guinea	12.8	28.2
Guinea-Bissau	2.1	4.6
Ivory Coast	15.0	33.1
Kenya	5.6	12.3
Liberia	5.6	12.3
Madagascar	7.6	16.8
Africa - Continued:		
Malawi	4.0	8.8
Mali	8.3	18.3
Mauritania	11.5	25.4
Mauritius	22.9	50.5
Morocco	8.4	18.5
Mozambique	2.5	5.5
Namibia	14.0	30.9
Niger	1.0	2.2
Nigeria	7.6	16.8
Reunion	5.6	12.3
Rwanda	0.9	2.0
Sao Tome	13.7	30.2
Senegal	29.2	64.4
Seychelles	57.6	127.0
Sierra Leone	14.6	32.2
Somalia	2.1	4.6
South Africa	6.9	15.2
Saint Helena	85.4	188.3
Swaziland	5.7	12.6
Tanzania	7.4	16.3
Togo	11.1	24.5
Tunisia	10.5	23.1
Uganda	8.1	17.9
Zambia	6.8	15.0
Zimbabwe	1.7	3.7
Oceania:		
American Samoa	1.8	4.0
Australia	21.7	47.8
Cook Island	53.4	117.7
Fiji	32.8	72.3
French Polynesia	48.8	107.6
Guam	2.9	6.4
Kiribati	75.5	166.4
Marshall Islands	9.4	20.7
Micronesia	45.5	100.3
Nauru	33.3	73.4
New Caledonia	23.5	51.8
New Zealand	25.5	56.2
Niue	100.0	220.5
Northern Mariana Islands	3.4	7.5
Palau	91.8	202.4
Papua New Guinea	15.6	34.4
Solomon Islands	40.4	89.1
Tokelau	200.0	440.9
Tonga	46.3	102.1
Tuvalu	41.3	91.0
Vanuatu	31.2	68.8
Wallis and Futuna Islands	14.0	30.9
Western Samoa	63.9	140.9
World	**16.1**	**35.5**

Note:--Data for most countries are tentative. Aquatic plants are included where applicable.
Source:--Food and Agriculture Organization of the United Nations (FAO)

Per capita use of commercial fish and shellfish is based on the supply of fishery products, both edible and nonedible (industrial), on a round weight equivalent basis, without considering the beginning or ending stocks, defense purchases, or exports.

Per capita use figures are not comparable with per capita consumption data. Per capita consumption figures represent edible (for human use) meat weight consumption rather than round weight consumption. In addition, per capita consumption includes allowances for beginning and ending stocks and exports, whereas the use does not include such allowances.

Per capita use is derived by using total population including U.S. Armed Forces overseas. The per capita consumption is derived by using civilian resident population.

U.S ANNUAL PER CAPITA USE OF COMMERCIAL FISH AND SHELLFISH, 1960-2003 (1)

Year	Total population including armed forces overseas July 1	U.S. supply	Per capita utilization		
			Commercial landings	Imports	Total
	Million persons	Million pounds	Pounds		
1960	180.7	8,223	27.3	18.2	45.5
1961	183.7	9,570	28.2	23.9	52.1
1962	186.5	10,408	28.7	27.1	55.8
1963	189.2	11,434	25.6	34.8	60.4
1964	191.9	12,031	23.7	39.0	62.7
1965	194.3	10,535	24.6	29.6	54.2
1966	196.6	12,469	22.2	41.2	63.4
1967	198.7	13,991	20.4	50.0	70.4
1968	200.7	17,381	20.7	65.9	86.6
1969	202.7	11,847	21.4	37.0	58.4
1970	205.1	11,474	24.0	31.9	55.9
1971	207.7	11,804	24.1	32.7	56.8
1972	209.9	13,849	22.9	43.1	66.0
1973	211.9	10,378	22.9	26.1	49.0
1974	213.9	9,875	23.2	23.0	46.2
1975	216.0	10,164	22.6	24.5	47.1
1976	218.0	11,593	24.7	28.5	53.2
1977	220.2	10,652	23.9	24.4	48.3
1978	222.6	11,509	27.1	24.6	51.7
1979	225.1	11,831	27.9	24.7	52.6
1980	227.7	11,357	28.5	21.4	49.9
1981	230.0	11,353	26.0	23.4	49.4
1982	232.2	12,011	27.4	24.3	51.7
1983	234.3	12,352	27.5	25.2	52.7
1984	236.3	12,552	27.3	25.8	53.1
1985	238.5	15,150	26.2	37.3	63.5
1986	240.7	14,368	25.1	34.6	59.7
1987	242.8	15,744	28.4	36.4	64.8
1988	245.0	14,628	29.3	30.4	59.7
1989	247.3	15,485	34.2	28.4	62.6
1990	249.9	16,349	37.6	27.8	65.4
1991	252.7	16,363	37.5	27.3	64.8
1992	255.5	16,106	37.7	25.3	63.0
1993	258.2	20,334	40.6	38.2	78.8
1994	260.7	19,309	40.1	34.0	74.1
1995	263.0	16,484	37.2	25.5	62.7
1996	265.3	16,474	36.1	26.0	62.1
1997	268.2	17,132	36.7	27.2	63.9
1998	270.6	16,897	34.0	28.5	62.5
1999	272.9	17,378	34.2	29.5	63.7
2000	282.3	17,338	32.1	29.3	61.4
2001	285.0	18,118	33.3	30.3	63.6
2002	288.4	19,028	32.6	33.4	66.0
2003	291.0	19,849	32.7	35.5	68.2

(1) Data include U.S. commercial landings and imports of both edible and nonedible (industrial) fishery products on a round weight basis. "Total supply" is not adjusted for beginning and ending stocks, defense purchases, or exports.

SUMMARY OF 2003 VALUE ADDED, MARGINS, AND CONSUMER EXPENDITURES FOR COMMERCIAL MARINE FISHERY PRODUCTS IN THE UNITED STATES (1)

Sector or type of activity	Purchase of fishery inputs	Mark-up of fishery inputs	Total mark-up within sector	Value added as percent of total mark-up	Value added within sector	Value of sales by sector	Value added contri-bution	Offshore fleet & exported fishery products
	Thousand Dollars	Percentage of Fishery Inputs	Thousand Dollars	Percentage	Thousand Dollars	Thousand Dollars	Percentage of GNP Con-tribution	Thousand Dollars
Domestic Harvest:								
Edible	-	100.0	$3,169,747	63.6	$2,015,449	$3,169,747	6.4	-
Industrial	-	100.0	$96,080	59.3	$56,933	$96,080	0.2	-
Harvest not landed in U.S	-	100.0	$96,452	55.5	$53,566	$96,452	0.2	$96,452
Imports, Unprocessed	$4,222,825	-	-	-	-	$4,222,825	-	-
Exports, Unprocessed	-	-	-	-	-	-	-	$994,291
Primary Wholesale and Processing	$6,494,361	109.3	$7,100,171	60.3	$4,280,938	$13,594,531	13.6	-
Imports, Processed	$6,944,413	-	-	-	-	$6,944,413	-	-
Exports, Processed	-	-	-	-	-	-	-	$2,519,103
Secondary Wholesale and Processing:								
Edible	$17,841,370	62.7	$11,188,341	28.0	$3,137,607	$29,029,711	9.9	-
Industrial	$178,472	62.7	$111,920	28.0	$31,386	$290,392	0.1	-
Retail Trade from Food Service	$14,876,440	182.4	$27,135,534	69.8	$18,930,596	$42,011,974	60.0	-
Retail Trade from Stores	$14,153,271	33.4	$4,730,346	64.2	$3,038,374	$18,883,617	9.6	-
TOTAL U.S. VALUE ADDED ACTIVITY:					**$31,544,849**		**100.0**	
CONSUMERS EXPENDITURES (& WHOLESALE PURCHASES OF INDUSTRIAL PRODUCTS) FOR FISHERY PRODUCTS:						**$61,185,982**		

(1) Includes industrial products and landings by U.S.-flag vessels at U.S. ports, foreign ports, and transfers to internal water processing vessels.

Note.-- The table reports the contribution of commercial marine fishing to the national economy as measured by margin, value added, and sales. These measures are consistent with the Bureau of the Census definitions.

Margin or mark-up is the difference between the price paid for the product by the consumer or wholesale purchaser and the dockside or wholesale value for an equivalent weight of the product. (It is assumed that fishermen catch their fish without paying purchase price and therefore the entire dockside or exvessel price is considered margin.) Value added is a measure of the factors added to the total worth of a product at each stage of the production process. It is defined as the gross receipts of firms minus the cost of purchased goods and services needed to fabricate the products. Gross National Product (GNP) is equal to the sum of the value added of all economic entities in the economy. Value added within a sector respresents that sector's contribution to GNP.

Value added includes wages, salaries, interest, depreciation, rent, taxes and profit. Consumer expenditures are the final retail value of seafood products sold through stores and food service outlets plus secondary wholesale and processing of industrial products.

Prices

The Exvessel Price table is an index of changes in the relative dockside value of fish and shellfish sold by fishing vessels. The table indexes the average annual exvessel value (price per pound) received for each species or group to the average price per pound received for the same species or group in the base year 1982.

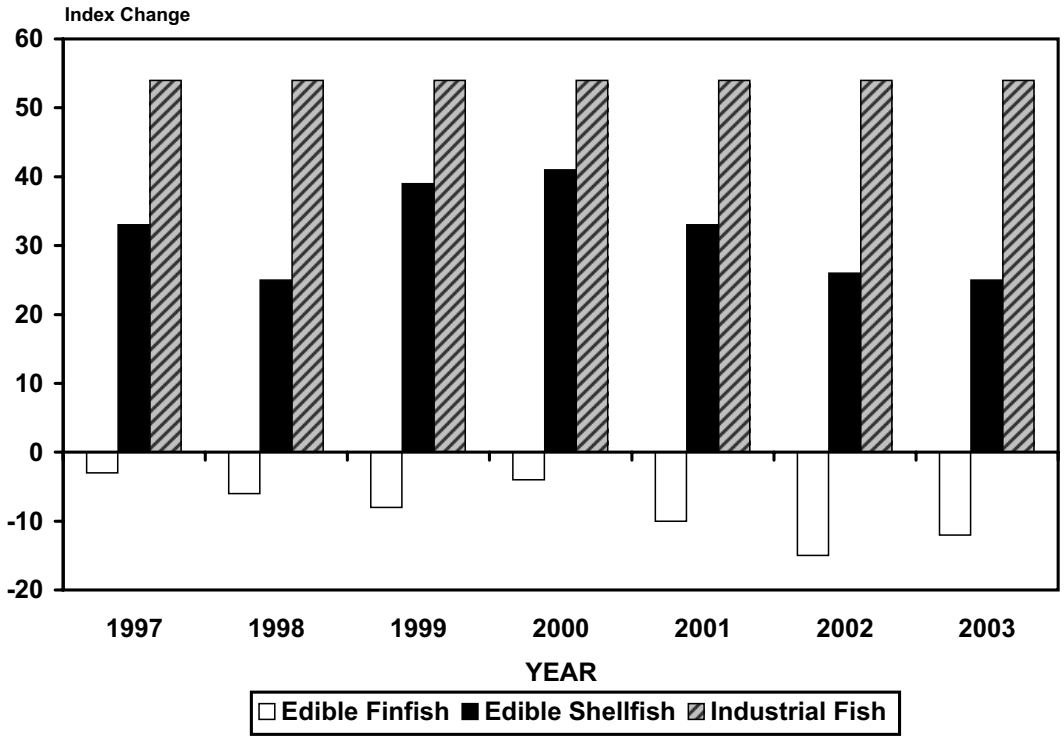
The exvessel price for each year was obtained by dividing total value for each species or group by its total quantity as reported in the U. S. commercial landings tables on pages 8 thru 13. The index for each species or group was obtained by multiplying the current annual price by the total quantity caught in 1982 (the base year). That number was then divided by the 1982 value to obtain the final index:

(100 x Current price X 1982 quantity) = Index
1982 Annual value

Each index number measures price changes from the 1982 reference period when the index equaled 100. A species of fish that sold for $0.75 a pound in 1986 and a $1.00 a pound in 1982 would have an index of 75 in 1986. In 2003, if the price of the same species increased to $1.07, the index in 2003 would be 107.

Percent Changes in the Exvessel Price Index, 1996-2002

(Change Relative to Base Year = 1982)



INDEXES OF EXVESSEL PRICES FOR FISH AND SHELLFISH, BY YEARS, 1997-2003
(1982=100)

Species	1997	1998	1999	2000	2001	2002	2003
Groundfish, et al:							
Cod	84	68	68	106	103	81	110
Haddock	218	253	264	264	227	230	228
Pollock:							
Atlantic	255	294	372	352	306	351	228
Alaska	170	124	124	109	128	108	107
Flounders	63	67	74	72	81	74	70
Total groundfish, et al.	**100**	**99**	**106**	**144**	**114**	**105**	**106**
Halibut	195	165	180	225	172	192	253
Sea herring	63	46	57	51	51	51	51
Salmon:							
Chinook	70	64	92	89	74	62	65
Chum	49	39	40	54	67	37	42
Pink	52	61	61	58	48	30	33
Sockeye	103	131	87	86	62	64	67
Coho	70	54	96	54	41	35	48
Total salmon	**81**	**90**	**81**	**75**	**60**	**52**	**57**
Swordfish	91	70	76	78	77	72	70
Tuna:							
Albacore	124	99	125	134	132	101	99
Bluefin	353	295	736	760	706	719	586
Skipjack	93	79	63	52	74	70	67
Yellowfin	126	100	88	122	120	127	156
Total tuna	**118**	**96**	**94**	**109**	**116**	**116**	**128**
Total edible finfish	**97**	**94**	**92**	**96**	**90**	**85**	**92**
Clams:							
Hard	163	174	160	144	148	128	139
Ocean Quahog	145	148	154	166	201	204	199
Soft	236	238	255	237	295	291	315
Surf	116	103	99	106	110	106	109
Total clams	**159**	**161**	**157**	**150**	**167**	**156**	**165**
Crabs:							
Blue	271	271	303	303	346	298	314
Dungeness	210	192	213	222	213	173	168
King	94	80	175	137	137	170	155
Snow	76	54	85	177	150	132	175
Total crabs	**135**	**121**	**178**	**188**	**188**	**184**	**191**
American lobster	138	138	160	157	150	155	172
Oysters	199	188	191	156	176	184	197
Scallops:							
Bay	111	90	133	134	288	153	143
Calico	217	(1)	93	(1)	(1)	(1)	(1)
Sea	179	166	166	137	102	105	112
Total scallops	**178**	**141**	**155**	**121**	**103**	**96**	**101**
Shrimp:							
Gulf and South Atlantic	106	94	97	111	95	82	66
Other	134	331	152	144	103	88	99
Total shrimp	**107**	**105**	**100**	**112**	**95**	**83**	**67**
Total edible shellfish	**133**	**125**	**139**	**141**	**133**	**126**	**125**
Total edible fish and shellfish	**117**	**111**	**118**	**121**	**114**	**108**	**110**
Industrial fish, Menhaden	154	154	154	154	154	154	154
All fish and shellfish	**119**	**113**	**119**	**122**	**116**	**110**	**112**

(1) Confidential data.

(2) No landings reported.

PROCESSORS AND WHOLESALERS: PLANTS, AND EMPLOYMENT, 2002

Area and State	Processing		Wholesale (1)		Total	
	Plants	Employment	Plants	Employment	Plants	Employment
	Number					
New England:						
Maine	40	999	162	884	202	1,883
New Hampshire	5	330	18	130	23	460
Massachusetts	55	2,545	179	2,211	234	4,756
Rhode Island	16	424	(2)	(2)	16	424
Connecticut	4	66	23	163	27	229
Total	**120**	**4,364**	**382**	**3,388**	**502**	**7,752**
Mid-Atlantic:						
New York	6	168	276	1,944	282	2,112
New Jersey	15	1,288	81	824	96	2,112
Pennsylvania	5	538	30	485	35	1,023
Delaware	(2)	(2)	(2)	(2)	(2)	(2)
District of Columbia	-	-	4	78	(2)	(2)
Maryland	18	892	59	499	77	1,391
Virginia	33	1,407	57	513	90	1,920
Total	**77**	**4,293**	**507**	**4,343**	**580**	**8,558**
South Atlantic:						
North Carolina	32	842	72	650	104	1,492
South Carolina	3	27	(2)	(2)	(2)	(2)
Georgia	5	1,069	34	480	39	1,549
Florida	94	2,646	276	2,359	370	5,005
Total	**134**	**4,584**	**382**	**3,489**	**513**	**8,046**
Gulf:						
Alabama	67	1,298	26	396	93	1,694
Mississippi	35	2,550	29	121	64	2,671
Louisiana	92	2,347	112	894	204	3,241
Texas	29	1,472	73	780	102	2,252
Total	**223**	**7,667**	**240**	**2,191**	**463**	**9,858**
Pacific:						
Alaska	162	7,406	178	348	340	7,754
Washington	64	3,272	152	1,107	216	4,379
Oregon	26	1,052	(2)	(2)	26	1,052
California	90	4,630	283	4,186	373	8,816
Total	**342**	**16,360**	**613**	**5,641**	**955**	**22,001**
Inland States, Total	**20**	**1,149**	**281**	**3,446**	**301**	**4,595**
Other Areas or States: (3), Total	**19**	**6,072**	**41**	**485**	**60**	**6,557**
Grand total	**935**	**44,489**	**2,446**	**22,983**	**3,381**	**67,472**

(1) Data are based on North American Industry Classification System (NAICS) 42446 as reported to the Bureau of Labor Statistics.

(2) Included with Inland States. (3) Includes American Samoa, Hawaii, and Puerto Rico.

Fishery Products Inspection

FISHERY PRODUCTS AND ESTABLISHMENTS INSPECTED IN CALENDAR YEAR, 2003

Region	Edible fishery products						
	Establishment (1)		Amount inspected				
	SIFE (2)	In-plant (3)	Grade A (4)	PUFI (4)	No mark (5)	Lot (6)	Total
	-Average number-		Thousand pounds				
Northeast	0	59	27,965	115,745	42,245	95,509	342,409
Southeast	0	83	21,459	46,930	56,126	72,033	210,917
West	3	98	14,515	16,144	92,287	45,895	346,320
Total	**3**	**240**	**63,939**	**178,819**	**190,658**	**213,437**	**(7) 899,646**

(1) These establishments are inspected under contract and certified as meeting U.S. Department of Commerce (USDC) regulations for construction and maintenance of facilities and equipment processing techniques, and employment practices.

(2) Fish processing establishments approved for sanitation under the Sanitary Inspected Fish Establishment Service (SIFE). Products are not processed under inspection.

(3) Sanitarily inspected fish establishments processing fishery products under USDC inspection. As of December 2003, 125 of these were in the Hazard Analysis Critical Control Point (HACCP) Quality Management Program.

(4) Products processed under USDC inspection in inspected establishments and labeled with USDC inspection mark as "Processed Under Federal Inspection" (PUFI) and/or "U.S. Grade A."

(5) Products processed under inspection in inspected establishments but bearing no USDC inspection mark.

(6) Lot inspected and marked products checked for quality and condition at the time of examination and located in processing plants, warehouses, cold storage facilities, or terminal markets anywhere in the United States.

(7) Based on 2002 per capita consumption data, approximately 14.4 percent of seafood consumed in the U.S. is certified under the auspices of the Seafood Inspection Program.

Note:--Table may not add due to rounding.

Source:--NMFS, Seafood Inspection Program, F/SI.

The Magnuson-Stevens Fishery Conservation and Management Act

The Magnuson-Stevens Fishery Conservation and Management Act, Public Law 94-265 as amended (Magnuson-Stevens Act), provides for the conservation and management of fishery resources within the U.S. Exclusive Economic Zone (EEZ). It also provides for fishery management authority over continental shelf resources and anadromous species beyond the EEZ, except when they are found within a foreign nation's territorial sea or fishery conservation zone (or equivalent), to the extent that such sea or zone is recognized by the United States.

The EEZ extends from the seaward boundary of each of the coastal States (generally 3 nautical miles from shore for all but two States) to 200 nautical miles from shore. The seaward boundaries of Texas, Puerto Rico, and the Gulf coast of Florida are 3 marine leagues (9 nautical miles). The EEZ encompasses approximately 3.36 million square nautical miles.

GOVERNING INTERNATIONAL FISHERY AGREEMENT

Under the Magnuson-Stevens Act, the Secretary of State, in cooperation with the Secretary of Commerce, negotiates Governing International Fishery Agreements (GIFAs) with foreign nations requesting to fish within the EEZ. After a GIFA is signed, it is transmitted by the President to the Congress for ratification.

FOREIGN FISHING PERMITS

Title II of the Magnuson-Stevens Act governs foreign fishing in the EEZ. The process applied to foreign fishing has been described in prior issues of this publication. As U.S. fishing capacity grew, foreign participation in directed fisheries, as well as in foreign joint ventures in which U.S. vessels delivered U.S. harvested fish to permitted foreign vessels in the EEZ diminished until, in 1991, foreign vessels no longer were permitted to conduct directed fishing in the EEZ. This marked the achievement of one of the objectives of the Magnuson-Stevens Act, that is, the development of the U.S. fishing industry to take what were in 1976 underutilized species, and the displacement of directed foreign fishing effort in the EEZ.

As a result of the above, there has been very little total allowable level of foreign fishing (TALFF) issued since 1991. NMFS continues to maintain certain regulations pertaining to foreign fishing should there be a situation in the future in which allowing limited foreign fishing in an underutilized fishery would be of advantage to the U.S. fishing industry.

FMPs and PMPs

Under the Magnuson-Stevens Act, eight Regional Fishery Management Councils are charged with preparing Fishery Management Plans (FMPs) for the fisheries needing management within their areas of authority. After the Councils prepare FMPs that cover domestic and foreign fishing efforts, the FMPs are submitted to the Secretary of Commerce (Secretary) for approval and implementation. The Department, through NMFS agents and the U.S. Coast Guard, is responsible for enforcing the law and regulations.

The Secretary is empowered to prepare FMPs in the Atlantic and Gulf of Mexico for highly migratory species. Where no FMP exists, Preliminary Fishery Management Plans (PMPs), which only cover foreign fishing efforts, are prepared by the Secretary for each fishery for which a foreign nation requests a permit. The Secretary is also empowered to produce an FMP for any fishery that a Council has not duly produced. In this latter case, the Secretary's FMP covers domestic and foreign fishing.

The Atlantic swordfish, Atlantic sharks, and Atlantic billfish fisheries are currently being managed by the Secretary under the Magnuson-Stevens Act, and the Western Atlantic bluefin tuna fishery is managed under the Magnuson-Stevens Act and the Atlantic Tunas Convention Act.

Under section 304 of the Magnuson-Stevens Act, all Council-prepared FMPs must be reviewed for approval by the Secretary of Commerce. Approved FMPs are implemented by Federal regulations under section 305 of the Act. As of December 31, 2003, there are 48 FMPs in effect. Of these, two are Secretarial FMPs for Atlantic highly migratory species. The FMPs are listed below, under the responsible Council. FMPs may be amended by the Council and the amendments are submitted for approval under the same Secretarial review process as new FMPs. Most of the FMPs have been amended since initial implementation, and the number of amendments is shown with each plan.

Pacific Fishery Management Council

1. Pacific Coast Groundfish FMP – 16 amendments
2. Pacific Salmon FMP – 14 amendments
3. Coastal Pelagic Species FMP – 10 amendments

Western Pacific Fishery Management Council

1. Bottomfish and Seamount Groundfish FMP – 9 amendments
2. Pelagics FMP – 11 amendments
3. Precious Corals FMP – 6 amendments
4. Crustaceans FMP – 12 amendments
5. Coral Reef Ecosystems FMP

Mid-Atlantic Fishery Management Council

1. Spiny Dogfish FMP
2. Summer Flounder, Scup, and Black Sea Bass FMP – 13 amendments
3. Surf Clam and Ocean Quahog FMP – 13 amendments
4. Atlantic Mackerel, Squid, and Butterfish FMP – 8 amendments
5. Atlantic Bluefish FMP – 1 amendment
6. Tilefish FMP

South Atlantic Fishery Management Council

1. Pelagic Sargassum Habitat of the South Atlantic Region FMP
2. Snapper Grouper FMP – 15 amendments
3. Dolphin and Wahoo FMP
4. Shrimp FMP – 6 amendments
5. Atlantic Coast Red Drum FMP – 1 amendment
6. Golden Crab FMP – 2 amendments
7. Red Drum FMP

Caribbean Fishery Management Council

1. Spiny Lobster FMP – 1 amendment
2. Corals and Reef-Associated Plants and Invertebrates FMP – 1 amendment
3. Queen Conch FMP
4. Shallow Water Reef Fish FMP – 2 amendments

Gulf of Mexico Fishery Management Council

1. Coastal Pelagics FMP (joint w/ S.Atl.) – 14 amendments
2. Coral and Coral Reefs (joint w/ S.Atl.) FMP – 4 amendments
3. Red Drum FMP – 3 amendments
4. Stone Crab FMP – 8 amendments
5. Shrimp FMP – 12 amendments
6. Spiny Lobster FMP (joint w/ S.Atl.) – 7 amendments
7. Reef Fish FMP – 22 amendments

New England Fishery Management Council

1. Northeast Multispecies FMP – 13 amendments
2. Northeastern Skate FMP
3. Deep Sea Red Crab FMP
4. Atlantic Herring FMP
5. Atlantic Sea Scallop FMP – 10 amendments
6. Monkfish FMP
7. Spiny Dogfish FMP
8. Atlantic Salmon FMP – 1 amendment
9. American Lobster FMP – 6 amendments

North Pacific Fishery Management Council

1. Bering Sea/Aleutian Islands Groundfish FMP – 65 amendments
2. Gulf of Alaska Groundfish FMP – 55 amendments
3. King and Tanner Crab FMP – 15 amendments
4. Salmon FMP – 6 amendments
5. Alaska Scallop FMP – 7 amendments

Highly Migratory Species Plans

1. FMP for Atlantic Tunas, Swordfish, and Sharks – 1 amendment
2. Atlantic Billfish FMP – 1 amendment

REGIONAL FISHERY MANAGEMENT COUNCILS

Council	Constituent States	Telephone Number	Executive Directors and Addresses
NEW ENGLAND	(Maine, New Hampshire, Massachusetts, Rhode Island, and Connecticut)	978-465-0492 FAX: 465-3116	Paul J. Howard 50 Water St. The Tannery -- Mill 2 Newburyport, MA 01950
MID-ATLANTIC	(New York, New Jersey, Delaware, Pennsylvania, Maryland, Virginia, and North Carolina)	302-674-2331 FAX: 674-5399	Daniel T. Furlong Federal Bldg., Rm. 2115 300 South New St. Dover, DE 19904
SOUTH ATLANTIC	(North Carolina, South Carolina, Georgia and Florida)	843-571-4366 FAX: 769-4520	Robert K. Mahood Southpark Bldg. - Rm. 306 1 Southpart Circle Charleston, SC 29407
GULF OF MEXICO	(Texas, Louisiana Mississippi, Alabama, and Florida)	813-228-2815 FAX: 225-7015	Wayne E. Swingle 3018 U.S. Highway 301, North Suite 1000 Tampa, FL 33619
CARIBBEAN	(U.S. Virgin Islands and Commonwealth of Puerto Rico)	787-766-5926 FAX: 766-6239	Miquel A. Rolon 268 Ave. Munoz Rivera Suite 1108 San Juan, PR 00918
PACIFIC	(California, Washington, Oregon, and Idaho)	503-820-2280 FAX: 820-2299	Donald O. McIsaac 7700 NE Ambassador Place Suite 200 Portland, OR 97220
NORTH PACIFIC	(Alaska, Washington, and Oregon)	907-271-2809 FAX: 271-2817	Chris W. Oliver 605 W. 4th Ave. Room 306 Anchorage, AK 99501
WESTERN PACIFIC	(Hawaii, American Samoa, Guam, and Commonwealth of the Northern Mariana Islands)	808-522-8220 FAX: 522-8226	Kitty M. Simonds 1164 Bishop St. Suite 1400 Honolulu, HI 96813

FINAL INITIAL ANNUAL SPECIFICATIONS AND RESEARCH SETASIDE(RSA), IN METRIC TONS (MT), ATLANTIC MARCKEREL, SQUID AND BUTTERFISH FOR THE FISHING YEAR JANUARY 1 THROUGH DECEMBER 31, 2003

Item	Loligo squid	Illex squid	Atlantic mackerel	Butterfish
	----------Metric tons, round weight----------			
Maximum OY	26,000	24,000	(1) N/A	16,000
ABC	17,000	24,000	347,000	7,200
Initial OY	(5) 16,872.5	24,000	(2) 175,000	5,900
DAH	16,872.5	24,000	(3) 175,000	5,900
DAP	16,872.5	24,000	150,000	5,900
JVP	0	0	(4) 10,000	0
TALFF	0	0	0	0
RSA	127.5	0	0	0

(1) Not applicable.

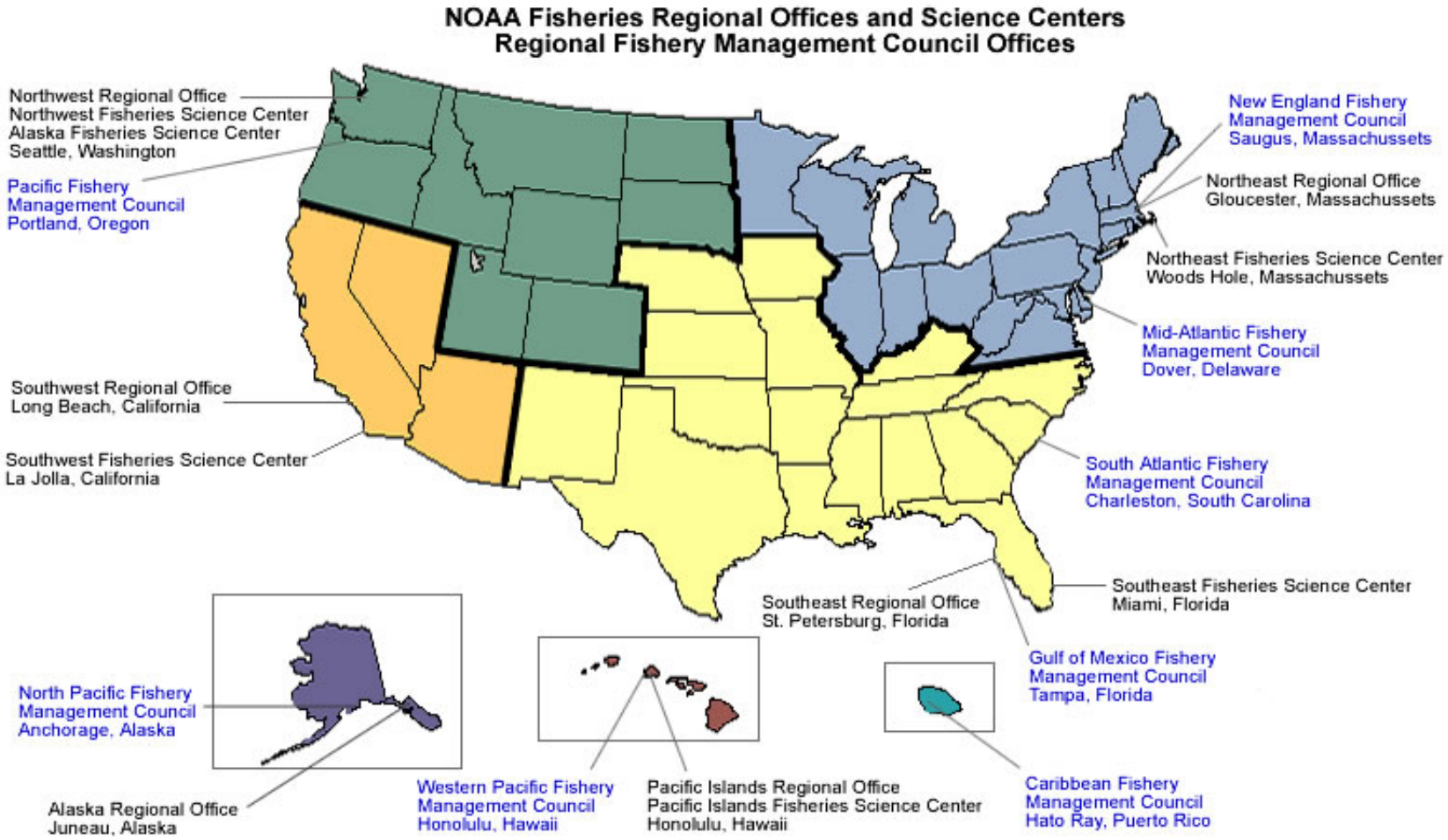
(2) Initial OY may be increased during the year but the total ABC will not exceed 347,000 mt.

(3) Includes 15,000 mt of Atlantic mackerel recreational allocation.

(4) JVP may be increased up to 20,000 mt at discretion of Regional Administrator.

(5) Excludes 127.5 mt for RSA.

Source: NMFS, Office of Sustainable Fisheries, F/SF and NMFS, Northeast Region, F/NER.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Northwest Fisheries Science Center
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Portland, Oregon
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Caribbean Fishery
Management Council
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UNITED STATES DEPARTMENT OF COMMERCE

14th and Constitution Ave., NW
Washington, DC 20230

MAIL ROUTING CODE		TELEPHONE NUMBER
--	**Secretary of Commerce** Donald L. Evans	202-482-2112
A	**Under Secretary of Commerce for Oceans and Atmosphere** Conrad C. Lautenbacher, Jr., Vice Admiral, U.S. Navy (Ret.)	202-482-3436

NATIONAL MARINE FISHERIES SERVICE

1315 East-West Highway
Silver Spring Metro Center #3 (SSMC #3)
Silver Spring, MD 20910

F	**Assistant Administrator for Fisheries --** William T. Hogarth, Ph.D.	301-713-2239
	Deputy Assistant Administrator for Regulatory Programs -- Rebecca J. Lent, Ph.D.	301-713-2239
	Deputy Assistant Administrator for Operations -- John Oliver	301-713-2239
	Director, Scientific Programs & Chief Science Advisor -- Michael Sissenwine, Ph.D.	301-713-2239
	Chief Information Officer -- Larry Tyminski	301-713-2372
	Equal Employment Opportunity -- Natalie Huff	301-713-1456
	Senior Advisor for Intergovernmental Programs James Lecky (Acting)	
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F/CS2	Financial Services	301-713-2390
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F/EN1	Enforcement Operations Division	301-427-2300
F/SI	**Seafood Inspection Program --** Richard Cano	301-713-2351
F/HC	**Office of Habitat Conservation --** Rolland A. Schmitten	301-713-2325
F/HCx1	Chesapeake Bay Program Office	410-267-5660
F/HC1	Ecosystem Assessment Division	301-713-0299

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	Gary Reisner	301-713-2259
F/MB 1	Budget Execution Division	301-713-2245
F/MB 2	Management and Administration Division	301-713-2259
F/MB 3	Program Planning and Evaluation Division	301-713-2370
F/MB 4	Budget Formulation and Appropriations Division	301-713-2325
F/PR	**Office of Protected Resources --**	
	Laurie Allen	301-713-2332
F/PR1	Permits, Conservation and Education Division	301-713-2289
F/PR2	Marine Mammal Conservation Division	301-713-2322
F/PR3	Endangered Species Division	301-713-2219
F/PR4	Planning and Program Coordination Division	301-713-1401
F/SF	**Office of Sustainable Fisheries --**	
	John H. Dunnigan	301-713-2334
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F/SF3	Domestic Fisheries Division	301-713-2341
F/SF4	International Fisheries Division	301-713-2276
F/SF5	Regulatory Services Division	301-713-2337
F/SF6	Seafood Inspection Laboratory	301-713-2334
F/SF8	State - Federal Fisheries Division	301-713-2334
F/ST	**Office of Science and Technology --**	
	Bonnie J. Ponwith, Ph.D. (Acting)	301-713-2367
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	Stewart Harris	202-482-7940
PAF	**Office of Public Affairs - Fisheries --**	
	Connie Barclay (Acting)	301-713-2370
GCF	**Office of General Counsel - Fisheries --**	
	Samuel Rauch	301-713-2231

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F/NEC3	Northeast Fisheries Science Center 166 Water St. - Rm. 312 Woods Hole, MA 02543	508-495-2233 Fax-548-2258	Woods Hole, MA
	Woods Hole Laboratory 166 Water St. Woods Hole, MA 02543	508-495-2000 Fax-495-2258	Woods Hole, MA
	Narragansett Laboratory 28 Tarzwell Drive Narragansett, RI 02882	401-782-3200 Fax-782-3201	Narragansett, RI
	Milford Laboratory 212 Rigers Ave. Milford, CT 06460	203-579-7000 FAX-579-7070	Milford, CT
	Sandy Hook Laboratory Building 74, McGruder Highlands, NJ 07732	732-872-3000 FAX-872-3088	Highlands, NJ
F/NEC3	Natl. Systematics Laboratory, MRC153 10th & Constitution Ave., NW Washington, DC 20560	202-357-2550 FAX-357-1896	Washington, DC
F/SER	**Southeast Region 9721 Executive Center Drive, N. St. Petersburg, FL 33702**	**727-570-5301 FAX-570-5300**	**St. Petersburg, FL**
F/SEC	Southeast Fisheries Science Center 75 Virginia Beach Dr. Miami, FL 33149	305-361-4284 FAX-361-4219	Miami, FL
F/SEC4	Miami Laboratory 75 Virginia Beach Dr. Miami, FL 33149	305-361-4225 FAX-361-4499	Miami, FL
F/SEC5	Mississippi Laboratory 3209 Frederick St., P.O. Drawer 1207 Pascagoula, MS 39567	228-762-4591 FAX-769-9200	Pascagoula, MS
F/SEC6	Panama City Laboratory 3500 Delwood Beach Rd. Panama City, FL 32408	850-234-6541 FAX-235-3559	Panama City, FL
F/SEC7	Galveston Laboratory 4700 Avenue U Galveston, TX 77551	409-766-3500 FAX-766-3508	Galveston, TX

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F/NWR	**Northwest Region** **7600 Sand Point Way, N.E., Bldg. 1** **Seattle, WA 98115**	**206-526-6150** **FAX-526-6426**	**Seattle, WA**
F/NWC	Northwest Fisheries Science Center West Bldg. - Rm. 363 2725 Montlake Boulevard, East Seattle, WA 98112	206-860-3200 FAX-860-3217	Seattle, WA
F/SW	**Southwest Region** **501 West Ocean Blvd., Suite 4200** **Long Beach, CA 90802**	**562-980-4000** **FAX-980-4018**	**Long Beach, CA**
F/SWC	Southwest Fisheries Science Center 8604 La Jolla Shores Dr. P.O. Box 271 La Jolla, CA 92038	858-546-7000 FAX-546-5655	La Jolla, CA
F/SWC3	Santa Cruz / Tiburon Laboratory 110 Shaffer Rd. Santa Cruz, CA 95060	415-435-3149 FAX-435-3675	Santa Cruz, CA
F/SWC4	Pacific Fisheries Environmental Group 1352 Lighthouse Ave. Pacific Grove, CA 93950	408-648-8515 FAX-648-8440	Pacific Grove, CA
F/AKR	**Alaska Region** **709 West 9th Street, Room 453** **P.O. Box 21668** **Juneau, AK 99802**	**907-586-7221** **FAX-586-7249**	**Juneau, AK**
F/AKC	Alaska Fisheries Science Center, 7600 Sand Point Way, N.E. P.O. Box C15700 - Bldg. #4 - Rm. 2149 Seattle, WA 98115	206-526-4000 FAX-526-4004	Seattle, WA
	Kodiak Laboratory 301 Research Court Kodiak, AK 99615	907-481-1700 FAX-481-1701	Kodiak, AK
F/AKC4	Auke Bay Laboratory 11305 Glacier Highway Auke Bay, AK 99801	907-789-6000 FAX-789-6094	Auke Bay, AK
F/PIR	**Pacific Islands Region** **1601 Kapiolani Blvd., Rm. 1110** **Honolulu, HI 96814**	**808-973-2937** **FAX-973-2941**	**Honolulu, HI**
F/PIC	Pacific Islands Fisheries Science Center 2570 Dole Street, Rm. 106 Honolulu, HI 96822	808-983-5300 FAX-983-2902	Honolulu, HI

NATIONAL MARINE FISHERIES SERVICE
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CITY	TELEPHONE NUMBER	NAME AND ADDRESS
NEW ENGLAND:		
(1) Portland	**207-780-3322 FAX:780-3340**	**Scott McNamara / Steve Link, Marine Trade Center, Suite 212, Two Portland Fish Pier, Portland, ME 04101**
Boston	617-223-8018 FAX:223-8526	Jack French, Boston Market News, 408 Atlantic Ave., Rm. 141, Boston, MA 02210
(1) Gloucester	**978-281-9304 FAX:281-9161**	**Gregory R. Power, Fishery Inf. Section, One Blackburn Dr., Blackburn Dr., Gloucester, MA 01930**
Gloucester	978-281-9386 / 9263 FAX:281-9372	Don Mason / William Heiskel, 11-15 Parker St., Fish Pier, Gloucester, MA 01930
New Bedford	508-999-2452 FAX:990-2506	Dennis E. Main / Steve Kelly, U.S. Custom House, 37 No. Second St., New Bedford, MA 02740
Chatham	508-945-5961 FAX:945-3793	Lorraine Spenle, 29C Stage Harbor Road, Chatham, MA 02633
Woods Hole	508-495-2309 FAX:495-2258	John Mahoney, NMFS, Northeast Fisheries Science Center, 166 Water St., Woods Hole, MA 02543
Point Judith	401-783-7797 FAX:782-2113	Walter Anoushian /Chris Zanni / Anthony Morales, 83 State St., 2nd Floor, P.O. Box 547,Narragansett, RI 02882
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New York	212-620-3405 FAX:620-3577	Leo Gaudin / R. Santangello, New York Market News, 201 Varick St., Rm. 701, New York, NY 10014
East Hampton	631-324-3569 FAX:324-3314	Erik Braun, 62 Newtown Lane, Suite 203, East Hampton, NY 11937
Patchogue	631-475-6988 FAX:289-8361	David McKernan / Albert Leo, Social Security Bldg., 50 Maple Ave, P.O. Box 606, Patchoque, L.I., NY 11772
Riverhead	631-727-7850 FAX:369-5944	Tara Frolich / Greg Gorniok / Jackie Stent 39 Sound Ave, Riverhead, NY 11901
(1) Toms River	**732-349-3533 FAX:349-4319**	**Eugene Steady / Nicole Wesley/ Chris Petruccelli, 26,Main St., P.O.Box 143, Toms River, NJ 08754**
Cape May	609-884-2113 FAX:884-4908	Walt Makowski / Ingo Fleming, 1382 Lafayette St., P.O. Box 624, Cape May, NJ 08204
Hampton	757-723-3369 FAX:728-3947	David Ulmer / Steve Ellis / George Mattingly, 1026 Settlers Landings Rd., Suite F, P.O. Box 436, Hampton, VA 23669
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(1) Beaufort	**252-728-8721 FAX:728-8772**	**David Gloeckner, Beaufort Laboratory, 101 Pivers Island Rd., Beaufort, NC 28516**
New Smyrna Beach	904-427-6562 FAX: SAME	Claudia Dennis / Garry Haddle, Coast Guard Station/Ponce, P.O. Box2025, New Smynra Beach, FL 32170
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(1) Miami	**305-361-4468 FAX:361-4460**	**Guy S. Davenport / Pam Brown-Eyo, 75 Virginia Beach Dr., Miami, FL 33149**
Key West	305-294-1921 FAX: SAME	Edward J. Little, Jr., Federal Bldg. Rm. 208, 301 Simington St. Key West, FL 33040
Fort Myers	941-334-4364 FAX: SAME	Tom Herbert, 2000 Main St., Suite 409 Fort Myers, FL 33901
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Mobile	251-441-6193 FAX: SAME	Ted Flowers, U.S.Coast Guard - ATC, P.O. Box 97, Mobile, AL 36608
Pascagoula	228-762-7402 FAX: 769-9200	Rene Labadens / Charles Armstrong, 3209 Frederic St., P.O. Box Drawer 1207, Pascagoula, MS 39567
Golden Meadow	985-632-4324 FAX: SAME	Gary J. Rousse, 115 Piciola Pkwy., (Galliano, LA), P.O.Box 623, Golden Meadow, LA 70357
Houma	985-872-3321 FAX: SAME	Kathleen Hebert, 425 Lafayette St., Rm. 128, Houma, LA 70360
Lafayette	337-291-2119 FAX: 291-2120	Linda F. Guidry, NOAA Fisheries Lab., 646 Cajundome Blvd., Room 220 Lafayette, LA 70506
	337-291-2117 FAX: 291-2118	Beth Bourgeois, NOAA Fisheries Lab., 646 Cajundome Blvd., Room 218 Lafayette, LA 70506
New Orleans	504-365-0314 FAX: 363-0297	Debbie Batiste (Market News Office), Naval Support Activity, 2300 General Myers Ave., Bldg. H-100, Rm. 282, New Orleans, LA 70142
	504-362-3089	Maggie Williams, Address & Fax number same as above.
	504- 362-8508	Jay Boulet, Address and Fax number same as above.
Aransas Pass	361-758-0436 FAX: 758-1043	Roy Spears, 132 Cleveland Blvd., P.O. Box 1815, Aransas Pass, TX 78336
Brownsville/ Port Isabel	956-548-2516 FAX: SAME	Kit Doncaster / Edie Lopez, Shrimp Turning Basin, HC 70 Box 15, Brownville, TX 78521
Freeport	979-233-4551 FAX: SAME	Michelle Padgett, Texas Gulf Bank, Suite 213, P.O.Box 2533, Freeport, TX 77542
Galveston	409-766-3515 FAX:766-3543	Keith Roberts, 4700 Avenue U, Bldg. 302 Galveston, TX 77551
Port Arthur	409-727-2271 FAX: SAME	Linda S. Trahan, Federal Bldg., Rm. 113, 2875 Jimmy Johnson Blvd., Port Arthur, TX 77640
SOUTHWEST PACIFIC:		
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NORTHWEST PACIFIC:		
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ALASKA :		
(1) Juneau	**907-586-7010 FAX:586-7465**	**David Ackley, Federal Building, 4th Floor, 709 West 9th St., P.O. Box 21668, Juneau, AK 99802**
PACIFIC ISLANDS:		
(1) Honolulu	**808-983-5330 FAX:983-2902**	**David Hamm, 2570 Dole Street Honolulu, HI 96822-2396**

(1) Regional or area headquarters for statistics offices.

Publications

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Toward Rebuilding America's Marine Fisheries. Annual Report to Congress on Status of United States Fisheries - 2002. National Marine Fisheries Service. May, 2003 (SFA homepage)

Viewing Marine Mammals in the Wild- Responsible Guidelines and Regulations for Minimizing Disturbance. National Marine Fisheries Service. 2001. Silver Spring, MD. (F/PR)

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1953	COM-75-11055
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STATE LANDINGS:

Maine: 1946-76, PB-271-296;
1977-79, PB-128258.

Massachusetts: 1943-76, PB-275866;
1977-79, PB-81-143182.

Rhode Island: 1954-77; PB-287627;
1978-79, PB-81-157158.

New York: 1954-76, PB-275449;
1977-79, PB-81-134546.

New Jersey: 1952-76, PB-275696;
1977-79, PB-81-159048

Maryland: 1960-76, PB-300636;
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Virginia: 1960-76, PB-300637;
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North Carolina: 1955-76, PB-288928;
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South Carolina: 1957-76, PB-289405;
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Shrimp Landings: 1956-76, PB-80-124696;
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Gulf Coast Shrimp Data: 1958-76, PB-80-126899;
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Volume I: Executive Overview. Summary of World Fisheries for Swordfish and Overview of Global and Regional Trends. (NMFS-F/SPO23, 1997), 53 p.

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Volume III: Asia. Summary of Asian Fisheries and Overview of Regional Trends. Special Coverage of Japan, Korea, and Taiwan. (NMFS-F/SPO25, 1997), 44 p.

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Part A1: Summary of Swordfish Fisheries, along the Pacific coast of South America. Detailed coverage of Chile. (NMFS-F/SPO26-27, 1997), two books, 843 p.

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Northeast Region - http://www.nero.nmfs.gov/doc/nero.html — Describes the mission and responsibilities of the Regional Office Staffs and Divisions. Provides information on northeast fisheries regulations, quota reports for specific species, multi-species preliminary statistics reports; scallop and multi-species days-at-sea activity reports; federal aid for MARFIN and SK grant programs; vessel permit system data; and links to other NOAA sites.

Northeast Fisheries Science Center - http://www.nefsc.nmfs.gov — Provides current and historical northeast fisheries information and data about research facilities, vessels, programs, publications, management, laws and regulations, and answers to frequently asked questions on fish and fisheries research. Features in-depth information on northeast stock status and realtime, at-sea, display of research vessel activities, measurements, and observations.

NATIONAL MARINE FISHERIES SERVICE
HOME PAGES

Southeast Region - http://caldera.sero.nmfs.gov/ — Provides information on regional Federal activities including: fisheries regulations, news releases and fisheries bulletins, fisheries regulations, vessel and dealer permits, fishery management plan implementation/quotas, marine mammals and endangered species management and protection, habitat protection and restoration activities, and federal aid programs for grants and cooperative agreements.

Southeast Fisheries Science Center - http://www.sefsc.noaa.gov/ — Describes the Center's programs, mission, laboratories, geographic scope, organization, research vessels, and upper-level scientific and management staff. Includes publications, news releases, newsletters (tuna and billfish), and information on the types of research being conducted on Pacific and Antarctic fishes, marine mammals, sea turtles, habitats, and marine ecosystems.

Alaska Region - http://www.fakr.noaa.gov — Provides information on in-season state of groundfish catch, current news releases and information bulletins, and current fisheries outlook and effort reports. Information on the Community Development Quota (CDQ) Program, At-Sea Scales Program, fisheries regulations and the manual for Groundfish Recordkeeping and Reporting. Information on the Individual Fishing Quota (IFQ) Program, marine mammals, habitat conservation, and links to other fisheries web sites.

Alaska Fisheries Science Center - http://www.afsc.noaa.gov/ — Describes the mission of the Center and the organization and purpose of its laboratories, divisions, and programs dedicated to Federal fisheries and marine mammal research in the coastal oceans off Alaska and the West Coast of the United States. Provides stock assessments, databases, AFSC Quarterly Report, cruise reports and schedules, other online documents, publication lists, image gallery of marine mammals, fishes, and crabs, and educational materials.

Northwest Region - http://www.nwr.noaa.gov — Provides information on the region's activities, mission and responsibilities. It includes news releases, announcements, documents and Federal Register notices about fisheries management plans, public hearings, programs, regulations, Endangered Species Act listings and proposals, habitat conservation, and regional hydro power activities.

Northwest Fisheries Science Center - http://nwfsc.nmfs.noaa.gov — Describes Center research, including status and recovery of endangered salmon and new hatchery-rearing techniques; rapid-response analyzes of chemical pollution and harmful algae blooms in fishery grounds nationwide; assessing the west coast groundfish fishery; and developing new bycatch utilization technologies. News topics, current publications, library resources, and the Center's state-of-the-art water-recycling fish culture facility are also featured.

Southwest Region - http://swr.nmfs.noaa.gov — Describes the mission and responsibilities of the regional office. Announcements of Federal Register notices on seasons, trip limits, and quotas. Provides information on fisheries statistics, trade data, canned tuna updates and status of tuna import quotas, and catch reports for various California fisheries. Japanese market reports are available on sablefish, shrimp, landings and wholesale prices, etc., and links to other pertinent sites of interest to fishery and seafood industries.

Southwest Fisheries Science Center - http://swfsc.nmfs.noaa.gov — Describes the Center's programs, mission, laboratories, geographic scope, organization, research vessels, and upper-level scientific and management staff. Includes publications, news releases, billfish newsletter, and information on the types of research being conducted on Pacific and Antarctic fishes, marine mammals, sea turtles, habitats, and marine ecosystems.

NOAA Public Affairs - http://www.noaanews.noaa.gov — All NOAA and NMFS related Press Releases and links to other NOAA material available to the public. If you would like these releases through electronic mail rather than FAX, send e-mail to jslaff@hq.noaa.gov.

SEA GRANT EXTENSION PROGRAM

The Office of Sea Grant is a major program element of the National Oceanic and Atmospheric Administration. The National Sea Grant College Program is funded jointly by the Federal Government and colleges or universities. Sea Grant's Extension Program offers a broad range of information concerning the Nation's fisheries to recreational and commercial fishermen, fish processors, and others. The following program leaders, listed alphabetically by State, can provide information on Sea Grant activities:

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Glossary

ANADROMOUS SPECIES. These are species of fish that mature in the ocean, and then ascend streams to spawn in freshwater. In the Magnuson Act, these species include, but are not limited to, Atlantic and Pacific salmons, steelhead trout, and striped bass. See 42 FR 60682, Nov. 28, 1977.

ANALOG PRODUCTS. These include imitation and simulated crab, lobster, shrimp, scallops, and other fish and shellfish products fabricated from processed fish meat (such as surimi).

AQUACULTURE. The farming of aquatic organisms in marine, brackish or fresh water. Farming implies private or corporate ownership of the organism and enhancement of production by stocking, feeding, providing protection from predators, or other management measures. Aquaculture production is reported as the weight and value of cultured organisms at their point of final sale.

BATTER-COATED FISH PRODUCTS. Sticks and portions or other forms of fish or shellfish coated with a batter containing a leavening agent and mixture of cereal products, flavoring, and other ingredients, and partially cooked in hot oil a short time to expand and set the batter.

BOAT, OTHER. Commercial fishing craft not powered by a motor, e.g., rowboat or sailboat, having a capacity of less than 5 net tons. See motorboat.

BREADED FISH PRODUCTS. Sticks and portions or other forms of fish or shellfish coated with a nonleavened mixture containing cereal products, flavorings, and other ingredients. Breaded products are sold raw or partially cooked.

BREADED SHRIMP. Peeled shrimp coated with breading. The product may be identified as fantail (butterfly) and round, with or without tail fins and last shell segment; also known as portions, sticks, steaks, etc., when prepared from a composite unit of two or more shrimp pieces whole shrimp or a combination of both without fins or shells.

BUTTERFLY FILLET. Two skin-on fillets of a fish joined together by the belly skin. See fillets.

CANNED FISHERY PRODUCTS. Fish, shellfish, or other aquatic animals packed in cans, or other containers, which are hermetically sealed and heat-sterilized. Canned fishery products may include milk, vegetables, or other products. Most, but not all, canned fishery products can be stored at room temperature for an indefinite time without spoiling.

COMMERCIAL FISHERMAN. An individual who derives income from catching and selling living resources taken from inland or marine waters.

CONSUMPTION OF EDIBLE FISHERY PRODUCTS. Estimated amount of commercially landed fish, shellfish, and other aquatic animals consumed by the civilian population of the United States. Estimates are on an edible-weight basis and have been adjusted for beginning and ending inventories of edible fishery products. Consumption includes U.S. production of fishery products from both domestically caught and imported fish, shellfish, other edible aquatic plants, animals, and imported products and excludes exports and purchases by the U.S. Armed Forces.

CONTINENTAL SHELF FISHERY RESOURCES. These are living organisms of any sedentary species that at the harvestable stage are either (a) immobile on or under the seabed, (b) unable to move except in constant physical contact with the seabed or subsoil of the continental shelf. The Magnuson Act now lists them as certain abalones, surf clam and ocean quahog, queen conch, Atlantic deep-sea red crab, dungeness crab, stone crab, king crabs, snow (tanner) crabs, American lobster, certain corals, and sponges.

CURED FISHERY PRODUCTS. Products preserved by drying, pickling, salting, or smoking; not including canned, frozen, irradiated, or pasteurized products. Dried products are cured by sun or air-drying; pickled or salted products are those products preserved by applying salt, or by pickling (immersing in brine or in a vinegar or other preservative solution); smoked products are cured with smoke or a combination of smoking and drying or salting.

DEFLATED VALUE. The deflated values referred to in this document are calculated with the Gross Domestic Products Implicit Price Deflator. The base year for this index is 1987.

EDIBLE WEIGHT. The weight of a seafood item exclusive of bones, offal, etc.

EEZ. See U.S. Exclusive Economic Zone.

EL NINO. This anomalous ocean warming of the eastern Equatorial Pacific occurs at time intervals varying from 2-10 years. El Nino conditions result in an accu-

mulation of warm water off South America which reduced the upwelling of nutrient-rich water necessary to support fisheries production. These conditions extended northward to the U.S. Pacific Coast. In addition to affecting the food available for fish, El Nino appears to alter the normal ranges, distributions, and migrations of fish populations.

EUROPEAN UNION. Austria, Belgium and Luxembourg, Denmark, Federal Republic of Germany, Finland, Greece, France, Ireland, Italy, Netherlands, Portugal, Spain, Sweden, and United Kingdom.

EXPORT VALUE. The value reported is generally equivalent to f.a.s. (free alongside ship) value at the U.S. port of export, based on the transaction price, including inland freight, insurance, and other charges incurred in placing the merchandise alongside the carrier at the U.S. port of exportation. The value excludes the cost of loading, freight, insurance, and other charges or transportation cost beyond the port of exportation.

EXPORT WEIGHT. The weight of individual products as exported, i.e., fillets, steaks, whole, breaded. etc. Includes both domestic and foreign re-exports data.

EXVESSEL PRICE. Price received by the harvester for fish, shellfish, and other aquatic plants and animals.

FISH BLOCKS. Regular fish blocks are frozen blocks or slabs of fillets or pieces of fillets cut or sliced from fish. Minced fish blocks are frozen blocks or slabs of minced flesh produced by a meat and bone separating machine.

FISH FILLETS. The sides of fish that are either skinned or have the skin on, cut lengthwise from the backbone. Most types of fillets are boneless or virtually boneless; some may be labeled as "boneless fillets."

FISH MEAL. A high-protein animal feed supplement made by cooking, pressing, drying, and grinding fish or shellfish.

FISH OIL. An oil extracted from body (body oil) or liver (liver oil) of fish and marine mammals; mostly a byproduct of fish meal production.

FISH PORTION. A piece of fish flesh that is generally of uniform size with thickness of 3/8 of an inch or more and differs from a fish stick in being wider or of a different shape. A fish portion is generally cut from a fish block.

FISH SOLUBLES. A water-soluble protein byproduct of fish meal production. Fish solubles are generally condensed to 50 percent solids and marketed as "condensed fish solubles."

FISH STEAK. A cross-section slice cut from a large dressed fish. A steak is usually about 3/4 of an inch thick.

FISH STICK. An elongated piece of breaded fish flesh weighing not less than 3/4 of an ounce and not more than 1-1/2 ounces with the largest dimension at least three times that of the next largest dimension. A fish stick is generally cut from a fish block.

FISHERY MANAGEMENT PLAN (FMP). A plan developed by a Regional Fishery Management Council, or the Secretary of Commerce under certain circumstances, to manage a fishery resource in the U.S. EEZ pursuant to the MFCMA (Magnuson Act).

FISHING CRAFT, COMMERCIAL. Boats and vessels engaged in capturing fish, shellfish, and other aquatic plants and animals for sale.

FULL-TIME COMMERCIAL FISHERMAN. An individual who receives more than 50 percent of his or her annual income from commercial fishing activities, including port activity, such as vessel repair and re-rigging.

GROUNDFISH. Broadly, fish that are caught on or near the sea floor. The term includes a wide variety of bottom fishes, rockfishes, and flatfishes. However, NMFS sometimes uses the term in a narrower sense. In "Fisheries of the United States," the term applies to the following species--Atlantic and Pacific: cod, hake, ocean perch, and pollock; cusk; and haddock.

IMPORT VALUE. Value of imports as appraised by the U.S. Customs Service according to the Tariff Act of 1930, as amended. It may be based on foreign market value, constructed value, American selling price, etc. It generally represents a value in a foreign country, and therefore excludes U.S. import duties, freight, insurance, and other charges incurred in bringing the merchandise to the United States.

IMPORT WEIGHT. The weights of individual products as received, i.e., fillets, steaks, whole, headed, etc.

INDUSTRIAL FISHERY PRODUCTS. Items processed from fish, shellfish, or other aquatic plants and animals that are not consumed directly by humans. These items contain products from seaweeds, fish meal, fish oils, fish solubles, pearl essence, shark and other aquatic animal skins, and shells.

Glossary

INTERNAL WATER PROCESSING (IWPs). An operation in which a foreign vessel is authorized by the governor of a state to receive and process fish in the internal waters of a state. The Magnuson Act refers to internal waters as all waters within the boundaries of a state except those seaward of the baseline from which the territorial sea is measured.

JOINT VENTURE. An operation authorized under the MFCMA (Magnuson Act) in which a foreign vessel is authorized to receive fish from U.S. fishermen in the U.S. EEZ. The fish received from the U.S. vessel are part of the U.S. harvest.

LANDINGS, COMMERCIAL. Quantities of fish, shellfish, and other aquatic plants and animals brought ashore and sold. Landings of fish may be in terms of round (live) weight or dressed weight. Landings of crustaceans are generally on a live-weight basis except for shrimp which may be on a heads-on or heads-off basis. Mollusks are generally landed with the shell on, but for some species only the meats are landed, such as sea scallops. Data for all mollusks are published on a meat-weight basis.

MAGNUSON-STEVENS FISHERY CONSERVATION AND MANAGEMENT ACT, Public Law 94-265, as amended. The Magnuson-Stevens Act provides a national program for the conservation and management of fisheries to allow for an optimum yield (OY) on a continuing basis and to realize the full potential of the Nation's fishery resources. It established the U.S. Exclusive Economics Zone (EEZ) (formerly the FCZ - Fishery Conservation Zone) and a means to control foreign and certain domestic fisheries through PMPs and FMPs. Within the U.S. EEZ, the United States has exclusive management authority over fish (meaning finfish, mollusks, crustaceans, and all other forms of marine animal and plant life other than marine mammals, birds, and highly migratory species of tuna). The Magnuson Act provides further exclusive management authority beyond the U.S. EEZ for all continental shelf fishery resources and all anadromous species throughout the migratory range of each such species, except during the time they are found within any foreign nation's territorial sea or fishery conservation zone (or the equivalent), to the extent that such a sea or zone is recognized by the United States.

MARINE RECREATIONAL FISHING. Fishing for pleasure, amusement, relaxation, or home consumption.

MARINE RECREATIONAL CATCH. Quantities of finfish, shellfish, and other living aquatic organisms caught, but not necessarily brought ashore, by marine recreational fisherman.

MARINE RECREATIONAL FISHERMEN. Those people who fish in marine waters primarily for recreational purposes. Their catch is primarily for home consumption, although occasionally a part or all of their catch may be sold and enter commercial channels. This definition is used in the NMFS Marine Recreational Fishery Statistics Survey, and is not intended to represent a NMFS policy on the sale of angler-caught fish.

MAXIMUM SUSTAINABLE YIELD (MSY). MSY from a fishery is the largest annual catch or yield in terms of weight of fish caught by both commercial and recreational fishermen that can be taken continuously from a stock under existing environmental conditions. A determination of MSY, which should be an estimate based upon the best scientific information available, is a biological measure necessary in the development of optimum yield.

METRIC TONS. A measure of weight equal to 1,000 kilograms, 0.984 long tons, 1.1023 short tons, or 2,204.6 pounds.

MOTORBOAT. A motor-driven commercial fishing craft having a capacity of less than 5 net tons, or not officially documented by the Coast Guard. See "boat, other".

NORTHWEST ATLANTIC FISHERIES ORGANIZATION (NAFO). This convention, entered into force January 1, 1979, replaces ICNAF. NAFO provides a forum for continued multilateral scientific research and investigation of fishery resources that occur beyond the limits of coastal nations' fishery jurisdiction in the northwest Atlantic, and will ensure consistency between NAFO management measures in this area and those adopted by the coastal nations within the limits of their fishery jurisdiction.

OPTIMUM YIELD (OY). In the MFCMA (Magnuson Act), OY with respect to the yield from a fishery, is the amount of fish that (1) will provide the greatest overall benefit to the United States, with particular reference to food production and recreational opportunities; and (2) is prescribed as such on the basis of maximum sustainable yield from such fishery, as modified by any relevant ecological, economic, or social factors.

Glossary

PART-TIME COMMERCIAL FISHERMAN. An individual who receives less than 50 percent of his or her annual income from commercial fishing activities.

PER CAPITA CONSUMPTION. Consumption of edible fishery products in the United States divided by the total civilian population. In calculating annual per capita consumption, estimates of the civilian resident population of the United States on July 1 of each year are used. These estimates are taken from current population reports, series P-25, published by the U.S. Bureau of the Census.

PER CAPITA USE. The use of all fishery products, both edible and nonedible, in the United States divided by the total population of the United States.

PRELIMINARY FISHERY MANAGEMENT PLAN (PMP). The Secretary of Commerce prepares a PMP whenever a foreign nation with which the United States has made a Governing International Fishery Agreement (GIFA) submits an application to fish in a fishery not managed by an FMP. A PMP is replaced by an FMP as soon as the latter is implemented. A PMP applies only to foreign fishing.

RE-EXPORTS. Re-exports are commodities which have entered the U.S. as imports and are subsequently exported in substantially the same condition as when originally imported.

RETAIL PRICE. The price of fish and shellfish sold to the final consumer by food stores and other retail outlets.

ROUND (LIVE) WEIGHT. The weight of fish, shellfish, or other aquatic plants and animals as taken from the water; the complete or full weight as caught. The tables on world catch found in this publication include, in the case of mollusks, the weight of both the shells and the meats, whereas the tables on U.S. landings include only the weight of the meats.

SURIMI. Minced fish meat (usually Alaska pollock) which has been washed to remove fat and undesirable matters (such as blood, pigments, and odorous substances), and mixed with cryoprotectants, such as sugar and/or sorbitol, for a good frozen shelf life.

TOTAL ALLOWABLE LEVEL OF FOREIGN FISHING (TALFF). The TALFF, if any, with respect to any fishery subject to the exclusive fishery management authority of the United States, is that portion of the optimum yield of such fishery which will not be harvested by vessels of the United States, as determined by provisions of the MFCMA.

U.S. EXCLUSIVE ECONOMIC ZONE (EEZ). The MSFCMA (Magnuson-Stevens Act) defines this zone as contiguous to the territorial sea of the United States and extending seaward 200 nautical miles measured from the baseline from which the territorial sea is measured. This was formerly referred to as the FCZ (Fishery Conservation Zone).

U.S.-FLAG VESSEL LANDINGS. Includes landings by all U.S. fishing vessels regardless of where landed as opposed to landings at ports in the 50 United States. These include landings at foreign ports, U.S. territories, and foreign vessels in the U.S. FCZ under joint venture agreements. U.S. law prohibits vessels constructed or registered in foreign countries to land fish catches at U.S. ports.

U.S. TERRITORIAL SEA. A zone extending 3 nautical miles from shore for all states except Texas and the Gulf Coast of Florida where the seaward boundary is 3 marine leagues (9 nautical miles)

USE OF FISHERY PRODUCTS. Estimated disappearance of the total supply of fishery products, both edible and nonedible, on a round-weight basis without considering beginning or ending stocks, exports, military purchases, or shipments to U.S. territories.

VESSEL. A commercial fishing craft having a capacity of 5 net tons or more. These craft are either enrolled or documented by the U.S. Coast Guard and have an official number assigned by that agency.

WHOLESALE FISH AND SHELLFISH PRICES. Those prices received at principal fishery markets by primary wholesalers (processors, importers, and brokers) for customary quantities, free on board (f.o.b.) warehouse.

Statistical Subject Index

Statistical Subject Index

Statistical Subject Index

Federal Inspection Marks for Fishery Products

SEAFOOD INSPECTION PROGRAM. The U.S. Department of Commerce (USDC), National Marine Fisheries Service, a part of the National Oceanic and Atmospheric Administration, conducts a voluntary seafood inspection program on a fee-for-service basis. A HACCP-based service is also available. Services provided by the program include vessel and plant sanitation, product inspection and grading, label reviews, product specification reviews, laboratory analyses, training, education and information. Inspection and certification services are available nationwide and in U.S. territories for all interested parties. Consultative services are provided in foreign countries. Inspection and certification services are also provided for imported and exported products. The USDC Seafood Inspection Program also provides HACCP training, plan development, implementation assistance, and verification service to industry (domestic and foreign) for the purpose of demonstrating compliance with FDA's HACCP rule (21 CFR Parts 123 and 1240) regarding "Procedures for the Safe and Sanitary Processing and Importing of Fish and Fishery Products" which was implemented December 18, 1997.

USERS OF INSPECTION SERVICES. The users of the voluntary seafood inspection service include vessel owners, processors, distributors, brokers, retailers, food service operators, exporters, importers, and those who have a financial interest in buying and selling seafood products. The U.S. Department of Agriculture recommends that USDC inspected products be purchased for its food feeding programs. **The USDC APPROVED LIST OF FISH ESTABLISHMENTS AND PRODUCTS,** published bi-annually, provides a listing of products and participants who contract with USDC.

USDC INSPECTION MARKS. These marks designate the level and the type of inspection performed by the federal inspector. The marks can be used in advertising and labeling under the guidelines provided by the Seafood Inspection Division and in accordance with federal and state regulations regarding advertising and labeling. Products bearing the USDC official marks have been certified as being safe, wholesome, and properly labeled.

"US GRADE A" MARK. The U.S. GRADE A mark signifies that a product has been processed under federal inspection in an approved facility and meets the established level of quality of an existing U.S. grade standard. The U.S. Grade A mark indicates that the product is of high quality, uniform in size, practically free from blemishes and defects, in excellent condition and possessing good flavor and odor.

"PROCESSED UNDER FEDERAL INSPECTION" MARK. The PUFI mark or statement signifies that the product has been inspected in an approved facility and was found to be safe, wholesome and properly labeled according to approved specifications or criteria. The language within the PUFI mark has been amended to "Processed Under Federal Inspection" to reflect actual inspection procedures and the regulatory requirements for use of the mark.

"LOT INSPECTED" MARK. The USDC Lot Inspected mark identifies products that were officially sampled and inspected to conform to an approved specification or criteria. This mark may be used on retail packages and packaging provided the label and specification are approved.

"RETAIL" MARK. In response to requests made by industry, a new mark has been created for retail or food service establishments. Participants qualify for use of the "Retail Mark" by receiving the USDC HACCP-based service or being under contract for sanitation services and associated product evaluation. Usage of such a mark will give the retail industry the opportunity to advertise on their banners, logos, or menus that their facility has been recognized by USDC for proper sanitation and handling of fishery products.


USDC HACCP MARK. The USDC HACCP-based service is available to all interested parties on a fee-for-service basis. Label approval, record keeping and analytical testing are program requirements. An industry USDC-certified employee trained in HACCP principles is also required for each facility / site in the program. Compliance ratings determine frequency of official visits. Benefits to participants include increased controls through a more scientific approach, use of established marks, increased efficiency of federal inspection personnel, and enhanced consumer confidence. The USDC has made available a HACCP mark and a "banner" to distinguish products that have been produced under the HACCP-based program. The HACCP banner must be used as an attachment to existing inspection grade marks. Establishments meeting HACCP program requirements may use these marks in conjunction with promotional material, packaging, point-of-sale notices, and menus.

FOR FURTHER INFORMATION:
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