Fisheries of the United States 2009

National Marine Fisheries Service
Office of Science and Technology

Fisheries Statistics Division
David Van Voorhees, Chief
Alan Lowther, Editor

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U.S. Department of Commerce
Gary Locke, Secretary

National Oceanic and Atmospheric Administration
Jane Lubchenco, Ph.D., Under Secretary

National Marine Fisheries Service
Eric C Schwaab, Assistant Administrator for Fisheries
FISHERIES OF THE UNITED STATES, 2009

This publication is a preliminary report for 2009 on commercial and a final report for 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.

SOURCE 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.


PRELIMINARY AND FINAL DATA

Data on U.S. commercial landings, employment, prices, and production of processed products are preliminary for 2009. Data on recreational catches are final for 2009. Complete 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: David Ulmer, Ted Hawes, Joan Palmer and Joan Barry for the New England, Middle Atlantic, and Chesapeake states; Scott Nelson, U.S. Geological Survey, for the Great Lakes states; David Gloeckner, Guy Davenport, and Jay Boulet for the South Atlantic and Gulf states; Bill Jacobson, for California; David Hamm, for Hawaii and Pacific Islands; Geoff White, Atlantic Coastal Cooperative Statistical Program, for data from Maine to Virginia; Brad Stenberg, Pacific Fisheries Information Network, data for Oregon and Washington; and Robert Ryznar and Camille Kohler, 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 2005; 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:

Fisheries Statistics Division, (F/ST1)
National Marine Fisheries Service, NOAA
1315 East-West Highway - Rm. 12441
Silver Spring, MD 20910-3282
PHONE: 301-713-2328 / FAX: 301-713-4137
HOMEPAGE: http://www.st.nmfs.noaa.gov/st1/

Members of the Office of Science and Technology in Silver Spring who helped with this publication were: Daryl Bullock, Lauren Dolinger Few, Josanne Fabian, John Foster, Tim Haverland, Steven Koplin, Anjunell Lewis, Alan Lowther, Elizabeth Pritchard, Erin Steiner, Glen Taylor, Alex Valderrama, David Van Voorhees, Henny Winarsoo, and Melissa Yencho.
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U.S. LANDINGS

Commercial landings (edible and industrial) by U.S. fishermen at ports in the 50 states were 7.9 billion pounds or 3.6 million metric tons valued at $3.9 billion in 2009—a decrease of 458.5 million pounds (down 6 percent) and of $501.6 million (down 11 percent) compared with 2008. Finfish accounted for 84 percent of the total landings, but only 47 percent of the value. The 2009 average exvessel price paid to fishermen was 49 cents compared to 53 cents in 2008.

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 1.0 million metric tons in 2009 and comprised nearly 30 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 390.2 million pounds (176,976 metric tons) valued at $171.3 million. This was an increase of 55 percent, or 139.1 million metric tons (63,090 metric tons) in quantity and $81.4 million (91 percent) in value compared with 2008. Most of these landings consisted of tuna landed in American Samoa and other foreign ports.

Edible fish and shellfish landings in the 50 states were 6.0 billion pounds (2.7 million metric tons) in 2009—a decrease of 598.8 million pounds (271,629 metric tons) compared with 2008.

Landings for reduction and other industrial purposes were 1.8 billion pounds (831,296 metric tons) in 2009—a increase of 8 percent compared with 2008.

The 2009 U.S. marine recreational finfish catch (including fish kept and fish released (discarded)) on the Atlantic, Gulf, and Pacific coasts was an estimated 390.8 million fish taken on an estimated 74.7 million fishing trips. The harvest (fish kept or released dead) was estimated at 172.6 million fish weighing 212.1 million pounds.

WORLD LANDINGS

In 2008, the most recent year for which data are available, world commercial fishery landings and aquaculture production were 142.3 million metric tons—an increase of 2.5 million metric tons compared with 2007.

China was the leading nation with 33 percent of the total harvest followed by India and Peru both with 5 percent. Indonesia was the fourth leading producer with just under 5 percent and Japan was fifth with 4 percent.

PRICES

The 2009 annual exvessel price index for edible fish decreased by 43 percent, shellfish decreased by 16 percent and industrial product decreased by 14 percent compared with 2008. Exvessel price indices increased for 7 out of 32 species groups being tracked, decreased for 24 species groups, and was unchanged for one species group. The Atlantic pollock price index had the largest increase (19 percent) while the yellowfin tuna price index showed the largest decrease (74 percent).

PROCESSED PRODUCTS

The estimated value of the 2009 domestic production of edible and nonedible fishery products was $8.1 billion, $855.5 million less than in 2008. The value of edible products was $7.6 billion—a decrease of $833.3 million compared with 2008. The value of industrial products was $554.4 million in 2009—a decrease of $22.2 million compared with 2008.

FOREIGN TRADE

The total import value of edible and nonedible fishery products was $21.8 billion in 2009—a decrease of $6.6 billion compared with 2008. Imports of edible fishery products (product weight) were 5.2 billion pounds valued at $13.1 billion in 2009—a decrease of 64.4 million pounds and $1.0 billion compared with 2008. Imports of nonedible (i.e., industrial) products were $8.7 billion—a decrease of $5.6 billion compared with 2008.
Total export value of edible and nonedible fishery products was $19.6 billion in 2009—a decrease of $3.7 billion compared with 2008. United States firms exported 2.5 billion pounds of edible products valued at $4.0 billion—a decrease of 103.8 million pounds and a decrease of $277.1 million compared with 2008. Exports of nonedible products were valued at $15.7 billion, $3.5 billion less than 2008.

SUPPLY
The U.S. supply of edible fishery products (domestic landings plus imports, round weight equivalent, minus exports) was 11.7 billion pounds in 2009—a decrease of 70.0 million pounds compared with 2008. The supply of industrial fishery products was 1.3 billion pounds in 2009—an increase of 222.0 million pounds compared with 2008.

PER CAPITA CONSUMPTION
U.S. consumption of fishery products was 15.8 pounds of edible meat per person in 2009, down 0.2 pounds from the 2008 per capita consumption of 16.0 pounds.

CONSUMER EXPENDITURES
U.S. consumers spent an estimated $75.5 billion for fishery products in 2009. The 2009 total includes $50.3 billion in expenditures at food service establishments (restaurants, carry-outs, caterers, etc.); $23.8 billion in retail sales for home consumption; and $1.4 billion for industrial fish products. By producing and marketing a variety of fishery products for domestic and foreign markets, the commercial marine fishing industry contributed $38.4 billion (in value added) to the U.S. Gross National Product.
Alaska led all states in volume with landings of 4.1 billion pounds; followed by Louisiana's 1.0 billion pounds; Virginia 417.4 million pounds; California 383.6 million pounds; and Massachusetts 356.0 million pounds.

Alaska led all states in value of landings with $1.3 billion; followed by Massachusetts, $400.0 million; Maine, $282.8 million; Louisiana, $280.7 million; and Washington $227.5 million.

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

New Bedford, Massachusetts was the leading U.S. port in terms of value, followed by: Dutch Harbor-Unalaska, Alaska; Kodiak, Alaska; Naknek-King Salmon, Alaska; and Cape May-Wildwood, New Jersey.

Tuna landings by U.S.-flag vessels at ports outside the continental United States amounted to 390.2 million pounds.

### Major U.S. Domestic Species Landed in 2009
#### Ranked By Quantity and Value
(Numbers in thousands)

<table>
<thead>
<tr>
<th>Rank</th>
<th>Species</th>
<th>Pounds</th>
<th>Rank</th>
<th>Species</th>
<th>Dollars</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Pollock</td>
<td>1,882,646</td>
<td>1</td>
<td>Crabs</td>
<td>485,372</td>
</tr>
<tr>
<td>2</td>
<td>Menhaden</td>
<td>1,404,259</td>
<td>2</td>
<td>Scallops</td>
<td>384,452</td>
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<tr>
<td>3</td>
<td>Salmon</td>
<td>705,202</td>
<td>3</td>
<td>Shrimp</td>
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<td>4</td>
<td>Flatfish</td>
<td>575,119</td>
<td>4</td>
<td>Salmon</td>
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</tr>
<tr>
<td>5</td>
<td>Cod</td>
<td>510,851</td>
<td>5</td>
<td>Lobster</td>
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<tr>
<td>6</td>
<td>Crabs</td>
<td>326,217</td>
<td>6</td>
<td>Pollock</td>
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<tr>
<td>7</td>
<td>Herring (sea)</td>
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<td>7</td>
<td>Clams</td>
<td>191,074</td>
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<tr>
<td>8</td>
<td>Shrimp</td>
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<td>Cod</td>
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<td>9</td>
<td>Hakes</td>
<td>275,456</td>
<td>9</td>
<td>Flatfish</td>
<td>153,261</td>
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<tr>
<td>10</td>
<td>Squid</td>
<td>266,292</td>
<td>10</td>
<td>Halibut</td>
<td>139,415</td>
</tr>
</tbody>
</table>
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 over 3.2 billion pounds valued at $546 million—a decrease of almost 20 percent in quantity and a decrease of 33 percent in value compared with 2008.

Landings of Alaska pollock (1.9 billion) decreased from 2008 and were over 1.2 billion pounds under their 2004 - 2008 5-year average. Landings of Pacific cod were 491.1 million pounds—a decrease of almost 1 percent from 494 million in 2008. Pacific hake (whiting) landings were 253.1 million pounds (down 52 percent) valued at $14.1 million (down 76 percent) compared to 2008. Landings of rockfishes were over 35.3 million pounds (up 1 percent) and valued at over $16.3 million (down 4 percent) compared to 2008.

ANCHOVIES

U.S. landings of anchovies were 7.8 million pounds—a decrease of almost 24.6 million pounds (76 percent) compared with 2008. 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 almost 59.7 million pounds (round weight) valued at more than $139.4 million—a decrease of 7.2 million pounds (11 percent) and over $78.3 million (36 percent) compared with 2008. The Pacific fishery accounted for all but 98,000 pounds of the 2009 total halibut catch. The average exvessel price per pound in 2009 was $2.33 compared with $3.25 in 2008.

SEA HERRING

U.S. commercial landings of sea herring were 313.1 million pounds valued at over $56.3 million—an increase of almost 53.6 million pounds (21 percent), and over $11.2 million (25 percent) compared with 2008. Landings of Atlantic sea herring were over 224.3 million pounds valued at almost $26.6 million—an increase of 51.1 million pounds (30 percent), and almost $5.3 million (25 percent) compared with 2008.

Landings of Pacific sea herring were almost 88.7 million pounds valued at nearly $29.8 million—an increase of 2.5 million pounds (3 percent), and $6 million (25 percent) compared with 2008. Alaska landings accounted for 98 percent of the Pacific coast with 87 million pounds valued at over $29.3 million—an increase of almost 3.2 million pounds (4 percent), and nearly $6.4 million (28 percent) compared with 2008.

JACK MACKEREL

California accounted for nearly 99 percent of the U.S. landings of jack mackerel in 2009. Total landings were 265,000 pounds valued at $18,000—a decrease of 358,000 pounds (57 percent), and $40,000 (69 percent) compared with 2008. The 2009 average exvessel price per pound was 7 cents.
MACKEREL, ATLANTIC

U.S. landings of Atlantic mackerel were 51 million pounds valued at nearly $9.6 million—an increase of almost 3.1 million pounds (6 percent), and nearly $2.7 million (39 percent) compared with 2008. Massachusetts with over 31.3 million pounds and New Jersey with over 10.3 million pounds accounted for more than 81 percent of the total landings. The average exvessel price per pound in 2009 was 19 cents compared with 14 cents in 2008.

MACKEREL, CHUB

Landings of chub mackerel were over 11.2 million pounds valued at nearly $1.1 million—an increase of almost 3.4 million pounds (43 percent), and $384,000 (54 percent) compared with 2008. California accounted for 100 percent of the total landings. The average exvessel price in 2009 was 10 cents compared with 9 cents in 2008.

MENHADEN

The U.S. menhaden landings were more than 1.4 billion pounds valued at $89 million—an increase of nearly 62.8 million pounds (5 percent), but a decrease of nearly $1.7 million (2 percent) compared with 2008. Landings decreased by 12.2 million pounds (3 percent) in the Atlantic states, while increasing by 75 million pounds (8 percent) in the Gulf states compared with 2008. Landings along the Atlantic coast were almost 401.7 million pounds valued at more than $28.4 million. Gulf region landings were 1 billion pounds valued at almost $60.6 million.

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 more than 97.4 million pounds valued at nearly $101.8 million—a decrease of 182,000 pounds, and $12.1 million (11 percent) compared with 2008. Of these species, flounders led in total value in the North Atlantic, accounting for over 37 percent of the total; followed by cod, nearly 25 percent; and haddock, more than 13 percent.

The 2009 landings of Atlantic cod were almost 19.7 million pounds valued at over $25.2 million—an increase of 633,000 pounds (3 percent), but a decrease of $5.4 million (18 percent) compared with 2008. The exvessel price per pound in 2009 was $1.28 compared with $1.61 in 2008.

Landings of yellowtail flounder were 3.5 million—a decrease of 142,000 pounds (4 percent) from 2008 and were 52 percent lower than the 5-year average.

Haddock landings decreased to nearly 12.8 million pounds (down 8 percent) and almost $13.6 million (down 17 percent) compared to 2008.

North Atlantic pollock landings were more than 16.4 million pounds valued at $10 million—a decrease of 5.5
million pounds (25 percent), and almost $1.3 million (11 percent) compared with 2008.

**PACIFIC SALMON**

U.S. commercial landings of salmon were over 705.2 million pounds valued at $370.1 million—an increase of nearly 46.9 million pounds (7 percent), but a decrease of almost $24.5 million (6 percent) compared with 2008. Alaska accounted for 95 percent of total landings; Washington, more than 4 percent; California, Oregon, and the Great Lakes accounted for under 1 percent of the catch. Sockeye salmon landings were 256.1 million pounds valued at more than $204.4 million—an increase of over 31.3 million pounds (14 percent) and more than $28.4 million (16 percent) compared with 2008. Chinook salmon landings increased to 9.9 million pounds-up 97,000 pounds (1 percent) from 2008. Pink salmon landings were nearly 293.8 million pounds—an increase of over 33.3 million pounds (13 percent); chum salmon landings were more than 112.4 million pounds—a decrease of more than 13.4 million (11 percent); and coho salmon decreased to nearly 32.9 million—a decrease of nearly 4.5 million (12 percent) compared with 2008.

Alaska landings were 671.2 million pounds valued at almost $344.7 million—an increase of 31.1 million pounds (5 percent), but a decrease of almost $23.6 million (6 percent) compared with 2008. The distribution of Alaska salmon landings by species in 2009 was: pink, nearly 276.8 million pounds (41 percent); sockeye, 256.1 million pounds (38 percent); chum, almost 106.5 million pounds (16 percent); coho, almost 26.7 million pounds (4 percent); and chinook, nearly 5.1 million pounds (1 percent). The average price per pound for all species in Alaska was 51 cents in 2009—a decrease of 7 cents from 2008.

Washington salmon landings were almost 31.6 million pounds valued at nearly $21.8 million—an increase of over 15.3 million pounds (93 percent), but a decrease of $380,000 (2 percent) compared with 2008. The biennial fishery for pink salmon went from 3,000 pounds in 2008 to 17 million pounds in 2009. Washington landings of chum salmon were 5.9 million (down 34 percent); followed by coho, over 5.2 million pounds (up 45 percent); chinook, 3.4 million pounds (down 3 percent); and sockeye, 44,000 pounds (down 88 percent). The average exvessel price per pound for all species in Washington decreased from $1.35 in 2008 to 69 cents in 2009.

Oregon salmon landings were nearly 2.3 million pounds valued at $3.5 million—an increase of 443,000 pounds (24 percent), but a decrease of $657,000 (16 percent) compared with 2008. Chinook salmon landings were almost 1.3 million pounds valued at over $2.2 million; coho landings were over 1 million pounds valued at $1.3 million; sockeye landings were 4,000 pounds valued at $6,000; pink and chum landings were both less than 500 pounds valued at less than $500. The average exvessel price per pound for Chinook salmon in Oregon decreased from $2.70 in 2008 to $1.76 in 2009.

California salmon landings were 1,000 pounds valued at $6,000. Chinook salmon were the principal species landed in the state. The average exvessel price per pound paid to fishermen in 2009 was $6.00, unchanged from 2008.

**SABLEFISH**

U.S. commercial landings of sablefish were nearly 42.8 million pounds valued at almost $128.6 million—a decrease of 482,000 pounds (1 percent), but an increase of over $4 million (3 percent) compared with 2008. Landings decreased in Alaska to 27 million pounds—a decrease of nearly 11 percent compared with 2008. Landings increased in Washington to nearly 3.5 million pounds (up 18 percent) and $8.7 million (up 19 percent). The 2009 Oregon catch was over 7.2 million pounds (up 11 percent), and nearly $15.9 million (up 16 percent) compared with 2008. California landings of nearly 5.1 million pounds and $9.8 million represent an increase of 45 percent in quantity and nearly 57 percent in value from 2008. The average exvessel price per pound in 2009 was $3.00 compared with $2.88 in 2008.
TUNA

Landings of tuna by U.S. fishermen at ports in United States, American Samoa, other U.S. territories, and foreign ports were over 439.2 million pounds valued at nearly $267.8 million—an increase of more than 140.5 million pounds (47 percent) and over $65.3 million (32 percent) compared with 2008. The average exvessel price per pound of all species of tuna in 2009 was 61 cents compared with 68 cents in 2008.

Bigeye landings in 2009 were nearly 21.8 million pounds—a decrease of 1.4 million pounds (6 percent) compared with 2008. The average exvessel price per pound was $2.13 in 2009, compared to $2.43 in 2008.

Skipjack landings were almost 344.6 million pounds—an increase of more than 133.4 million pounds (63 percent) compared with 2008. The average exvessel price per pound was 44 cents in 2009, compared to 38 cents in 2008.

Yellowfin landings were 42.2 million pounds—an increase of 4.5 million pounds (12 percent) compared with 2008. The average exvessel price per pound was 76 cents in 2009, compared with 83 cents in 2008.

Bluefin landings were 1.9 million pounds—an increase of 1.2 million pounds (170 percent) compared with 2008. The average exvessel price per pound in 2009 was $3.54 compared with $6.55 in 2008.

CLAMS

Landings of all species yielded 101.1 million pounds of meats valued at $191.1 million—a decrease of 6.6 million pounds (6 percent), but an increase of almost $4.4 million (2 percent) compared with 2008. The average exvessel price per pound in 2009 was $1.89 compared with $1.73 in 2008.

Surf clams yielded almost 50.6 million pounds of meats valued at $34.1 million—a decrease of nearly 6.7 million pounds (12 percent) and $2.6 million (7 percent) compared with 2008. New Jersey was the leading state with nearly 32.9 million pounds (down 16 percent), followed by New York, nearly 8.8 million pounds (up 1 percent); and Massachusetts, 4.6 million pounds (up 100 percent). The average exvessel price per pound of meats was 67 cents in 2009, up 3 cents from 2008.

The ocean quahog fishery produced nearly 34.9 million pounds of meats valued at nearly $21.9 million—an increase of 556,000 pounds (2 percent) and almost $1.6 million (8 percent) compared with 2008. Massachusetts had landings of almost 18.7 million pounds (up 3 percent compared with 2008) valued at almost $10.7 million (up 12 percent) while New Jersey production was more than 12.4 million pounds (up 1 percent) valued at $6.9 million (up 7 percent). Together, Massachusetts and New Jersey accounted for 89 percent of total ocean quahog production in 2009. The average exvessel price per pound of meats increased from 59 cents in 2008 to 63 cents in 2009.
The hard clam fishery produced 5.7 million pounds of meats valued at nearly $40.9 million—a decrease of 1.6 million pounds (22 percent) and $8.8 million (18 percent) compared with 2008. Landings in the New England region were 1.6 million pounds of meats (up 10 percent); Middle Atlantic, more than 1.4 million pounds (down 52 percent); Chesapeake, 1.8 million pounds (down 16 percent); and the South Atlantic region, 769,000 pounds (up 25 percent). The average exvessel price per pound of meats increased from $6.79 in 2008 to $7.17 in 2009.

Soft clams yielded 3.9 million pounds of meats valued at over $20.3 million—an increase of 35,000 pounds (1 percent), but a decrease of $1.3 million (6 percent) compared with 2008. Maine was the leading state with 1.9 million pounds of meats (up 2 percent), followed by Massachusetts, more than 1 million pounds (down 5 percent), and Washington, 681,000 pounds (up 22 percent). The average exvessel price per pound of meats was $5.28 in 2009, compared with $5.67 in 2008.

**CRABS**

Landings of all species of crabs were over 326.2 million pounds valued at more than $485.4 million—an increase of over 1 million pounds, but a decrease of nearly $76.9 million (14 percent) compared with 2008.

Hard blue crab landings were nearly 153.9 million pounds valued at $149 million—a decrease of 1.4 million pounds (1 percent) and nearly $11.8 million (7 percent) compared with 2008. Louisiana landed 33 percent of the total U.S. landings followed by: Maryland, 20 percent; North Carolina, nearly 19 percent; and Virginia, more than 15 percent. Hard blue crab landings in the Chesapeake region were almost 54.6 million pounds—an increase of 1 percent; the South Atlantic with over 36.3 million pounds decreased 19 percent; and the Gulf region with 59.1 million pounds increased nearly 26 percent. The Middle Atlantic region with 3.9 million pounds valued at $5.8 million had a decrease of nearly 5.6 million pounds (59 percent) compared with 2008. The average exvessel price per pound of hard blue crabs was 97 cents in 2009, compared with $1.04 in 2008.

Dungeness crab landings were more than 63.4 million pounds valued at over $131.2 million—an increase of more than 13.4 million pounds (27 percent) and almost $12.6 million (11 percent) compared with 2008. Oregon landings of nearly 21.8 million pounds (up 57 percent from 2008) led all states with more than 34 percent of the total landings. Washington landings were almost 20.7 million pounds (down 3 percent) or almost 33 percent of the total landings. California landings were over 15.2 million pounds (up 79 percent) and Alaska landings were 5.6 million pounds (down 9 percent). The average exvessel price per pound was $2.07 in 2009, compared with $2.38 in 2008.

U.S. landings of king crab were more than 22.4 million pounds valued at over $86.2 million—a decrease of 4.8 million pounds (18 percent) and $34 million (28 percent) compared with 2008. The average exvessel price per pound in 2009 was $3.85 compared with $4.42 in 2008.

Snow crab landings were 58.1 million pounds valued at more than $79.4 million—a decrease of almost 4.4 million pounds (7 percent) and nearly $21.8 million (22 percent) compared with 2008. The average exvessel price per pound was $1.37 in 2009, down from $1.62 in 2008.

**LOBSTER, AMERICAN**

American lobster landings were nearly 96.9 million pounds valued at almost $299.5 million—an increase of 15.1 million pounds (18 percent), but a decrease of almost $6.7 million (2 percent) compared with 2008. Maine led in landings for the 28th consecutive year with 78 million pounds valued at almost $228.6 million—an increase of almost 14.6 million pounds (23 percent) compared with 2008. Massachusetts, the second leading producer, had landings of almost 11.6 million pounds valued at almost $41.9 million—an increase of nearly 1.1 million pounds (10 percent) compared with 2008. Together, Maine and Massachusetts produced more than 92 percent of the total national landings. The
average exvessel price per pound was $3.09 in 2009, compared with $3.74 in 2008.

LOBSTERS, SPINY

U.S. landings of spiny lobster were 4.7 million pounds valued at more than $20.4 million—an increase of 534,000 pounds (13 percent), but a decrease of over $10.3 million (33 percent) compared with 2008. Florida, with landings of 4 million pounds valued at almost $12.5 million, accounted for nearly 85 percent of the total catch and over 61 percent of the value. This was an increase of 550,000 pounds (16 percent), but a decrease of over $10.2 million (45 percent) compared with 2008. Overall the average exvessel price per pound was $4.32 in 2009, compared with $7.32 in 2008.

OYSTERS

U.S. oyster landings yielded almost 35.6 million pounds valued at more than $136.5 million—an increase of 5.4 million pounds (18 percent) and $4.9 million (4 percent) compared with 2008. The Gulf region led in production with 22.1 million pounds of meats, over 62 percent of the national total; followed by the Pacific Coast region with over 11.3 million pounds (32 percent), principally Washington, with nearly 9.5 million pounds (more than 84 percent of the region’s total volume); and the South Atlantic region with 927,000 pounds (3 percent). The average exvessel price per pound of meats was $3.84 in 2009, compared with $4.36 in 2008.

SCALLOPS

U.S. landings of bay and sea scallops totaled over 58.3 million pounds valued at more than $384.5 million—an increase of 4.6 million pounds (9 percent) and nearly $12.8 million (3 percent) compared with 2008. The average exvessel price per pound of meats decreased from $6.93 in 2008 to $6.60 in 2009.

Bay scallop landings were 275,000 pounds valued at more than $2.2 million—an increase of 144,000 pounds (110 percent) and $454,000 (25 percent) compared with 2008. The average exvessel price per pound of meats was $8.13 in 2009, compared with $13.60 in 2008.

Sea scallop landings were 58 million pounds valued at over $382.2 million—an increase of almost 4.5 million pounds (8 percent) and more than $12.4 million (3 percent) compared with 2008. Massachusetts and New Jersey were the leading states in landings of sea scallops with nearly 29.8 million and 14 million pounds of meats, respectively, representing almost 76 percent of the national total. The average exvessel price per pound of meats in 2009 was $6.59 compared with $6.91 in 2008.

SHRIMP

U.S. landings of shrimp were 301.1 million pounds valued at over $370.2 million—an increase of more than 44.5 million pounds (17 percent), but a decrease of almost $71.6 million (16 percent) compared with 2008. Shrimp landings by region were: New England down almost 43 percent; South Atlantic down over 9 percent; Gulf up 28 percent; and Pacific down over 6 percent. The average exvessel price per pound of shrimp decreased to $1.23 in 2009 from $1.72 in 2008. Gulf region
landings were the nation’s largest with 241 million pounds and 80 percent of the national total. Louisiana led all Gulf states with nearly 109.8 million pounds (up 23 percent compared with 2008); followed by Texas, almost 89.7 million pounds (up 41 percent); Alabama, almost 21.7 million pounds (up 27 percent); Mississippi, 10.1 million pounds (up 18 percent); and Florida West Coast, 9.7 million pounds (down 2 percent). In the Pacific region, Oregon had landings of 22 million pounds (down 13 percent compared with 2008); Washington had landings of 7.6 million pounds (up 6 percent); and California, 3.6 million pounds (up 19 percent).

SQUID

U.S. commercial landings of squid were over 266.3 million pounds valued at $85 million—an increase of almost 120.5 million pounds (83 percent) and more than $27.5 million (48 percent) compared with 2008. California was the leading state with almost 203.6 million pounds (more than 76 percent) and was followed by New Jersey with almost 24.7 million pounds (over 9 percent of the national total). The Pacific Coast region landings were 205.1 million pounds (up 140 percent compared with 2008); followed by Middle Atlantic, over 32.2 million pounds (up 3 percent); followed by the New England region with 28.1 million pounds (down 2 percent); followed by the Chesapeake region with 764,000 pounds (up 240 percent); and the South Atlantic region with 71,000 pounds (down 44 percent). The average exvessel price per pound for squid was 32 cents in 2009, compared with 39 cents in 2008.
# U.S. Commercial Landings

## U.S. Domestic Landings, by Species, 2008 and 2009 (1)

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<th>Species</th>
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<th>Average (2004-2008)</th>
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See notes at the end of the table. (Continued)
### U.S. DOMESTIC LANDINGS, BY SPECIES, 2008 AND 2009 (1) - Continued

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<th>2008</th>
<th>2009</th>
<th>Average (2004-2008)</th>
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See notes at end of table.
## U.S. DOMESTIC LANDINGS, BY SPECIES, 2008 AND 2009 (1) - Continued

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<th>Average (2004-2008)</th>
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<td>15,256</td>
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<tr>
<td>Swordfish</td>
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<td>3,662</td>
<td>18,547</td>
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<tr>
<td>Tenpounder (ladyfish)</td>
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<td>406</td>
<td>749</td>
</tr>
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<td>Tilefish</td>
<td>2,952</td>
<td>1,339</td>
<td>6,686</td>
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<tr>
<td>Trout, rainbow</td>
<td>464</td>
<td>210</td>
<td>2,210</td>
</tr>
<tr>
<td><strong>Tuna:</strong></td>
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</tr>
<tr>
<td>Albacore</td>
<td>25,429</td>
<td>11,535</td>
<td>30,272</td>
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<td>Bigeye</td>
<td>14,239</td>
<td>6,459</td>
<td>53,024</td>
</tr>
<tr>
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<td>726</td>
<td>329</td>
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<td>Little tunny</td>
<td>555</td>
<td>252</td>
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<td>416</td>
<td>1,194</td>
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<td><strong>Total, tuna</strong></td>
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<td>8,119</td>
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<td>Wolffish, Atlantic</td>
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<td>49</td>
<td>94</td>
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<td>Yellow perch</td>
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<td>994</td>
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<tr>
<td>Other marine finishes</td>
<td>37,067</td>
<td>16,813</td>
<td>33,347</td>
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<tr>
<td>Other freshwater finishes</td>
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<td>3,292,239</td>
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<td><strong>Shellfish:</strong></td>
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</tr>
<tr>
<td><strong>Crustaceans:</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Crabs:</strong></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Blue: Hard</td>
<td>155,340</td>
<td>70,462</td>
<td>160,863</td>
</tr>
<tr>
<td>Soft and peeler</td>
<td>2,011</td>
<td>912</td>
<td>5,367</td>
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<tr>
<td>Dungeness</td>
<td>49,915</td>
<td>22,641</td>
<td>118,657</td>
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<tr>
<td>Jonah</td>
<td>8,637</td>
<td>3,918</td>
<td>4,917</td>
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<tr>
<td>King</td>
<td>27,208</td>
<td>12,341</td>
<td>120,204</td>
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<tr>
<td>Snow (Tanner):</td>
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<td></td>
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<tr>
<td>Opilio</td>
<td>62,442</td>
<td>28,324</td>
<td>101,157</td>
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<td>Bairdi</td>
<td>3,636</td>
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<td>6,044</td>
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<td>Other</td>
<td>15,995</td>
<td>7,255</td>
<td>45,058</td>
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<td><strong>Total, crabs</strong></td>
<td>325,184</td>
<td>147,502</td>
<td>562,267</td>
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<td>7,032</td>
<td>9,473</td>
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<td><strong>Lobsters:</strong></td>
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<td></td>
<td></td>
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<tr>
<td>American</td>
<td>81,835</td>
<td>37,120</td>
<td>306,177</td>
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<td>Spiny</td>
<td>4,196</td>
<td>1,903</td>
<td>30,725</td>
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<td><strong>Shrimp:</strong></td>
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<td></td>
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<td>9,032</td>
<td>4,097</td>
<td>4,469</td>
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<tr>
<td>South Atlantic</td>
<td>22,963</td>
<td>10,416</td>
<td>47,624</td>
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<tr>
<td>Gulf</td>
<td>188,295</td>
<td>85,410</td>
<td>363,136</td>
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<tr>
<td>Pacific</td>
<td>36,305</td>
<td>16,468</td>
<td>26,553</td>
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<tr>
<td>Other</td>
<td>2</td>
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<td>6</td>
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<tr>
<td><strong>Total, shrimp</strong></td>
<td>256,597</td>
<td>116,392</td>
<td>441,818</td>
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<tr>
<td><strong>Total, crustaceans</strong></td>
<td>683,314</td>
<td>309,949</td>
<td>1,350,460</td>
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See notes at the end of the table.
### U.S. Domestic Landings, by Species, 2008 and 2009 (1) - Continued

<table>
<thead>
<tr>
<th>Species</th>
<th>2008</th>
<th>2009</th>
<th>Average (2004-2008)</th>
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<tbody>
<tr>
<td></td>
<td>Thousand pounds</td>
<td>Metric tons</td>
<td>Thousand pounds</td>
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<tr>
<td><strong>Shellfish - Continued</strong></td>
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<td></td>
</tr>
<tr>
<td><strong>Mollusks:</strong></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Clams:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Quahog (hard)</td>
<td>7,326</td>
<td>3,323</td>
<td>49,767</td>
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<tr>
<td>Geoduck (Pacific)</td>
<td>3,534</td>
<td>1,603</td>
<td>38,620</td>
</tr>
<tr>
<td>Manila (Pacific)</td>
<td>1,085</td>
<td>492</td>
<td>18,434</td>
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<tr>
<td>Ocean quahog</td>
<td>34,352</td>
<td>15,582</td>
<td>20,352</td>
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<td>Softshell</td>
<td>3,818</td>
<td>1,732</td>
<td>21,649</td>
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<tr>
<td>Surf (Atlantic)</td>
<td>57,330</td>
<td>26,005</td>
<td>36,664</td>
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<tr>
<td>Other</td>
<td>327</td>
<td>148</td>
<td>1,232</td>
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<tr>
<td><strong>Total, clams</strong></td>
<td>107,772</td>
<td>48,885</td>
<td>186,718</td>
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<td>Conch (snails)</td>
<td>2,172</td>
<td>985</td>
<td>6,142</td>
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<tr>
<td>Mussels, blue (sea)</td>
<td>3,774</td>
<td>1,712</td>
<td>7,281</td>
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<tr>
<td>Oysters</td>
<td>30,162</td>
<td>13,681</td>
<td>131,590</td>
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<td><strong>Scallops:</strong></td>
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<tr>
<td>Bay</td>
<td>131</td>
<td>59</td>
<td>1,781</td>
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<tr>
<td>Sea</td>
<td>53,527</td>
<td>24,280</td>
<td>369,860</td>
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<tr>
<td><strong>Squid:</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Atlantic:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Illex</td>
<td>35,048</td>
<td>15,898</td>
<td>8,363</td>
</tr>
<tr>
<td>Loligo</td>
<td>25,132</td>
<td>11,400</td>
<td>23,460</td>
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<tr>
<td>Unclassified</td>
<td>2,866</td>
<td>1,300</td>
<td>167</td>
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<tr>
<td><strong>Pacific:</strong></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Loligo</td>
<td>80,680</td>
<td>36,596</td>
<td>25,349</td>
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<tr>
<td>Unclassified</td>
<td>2,024</td>
<td>918</td>
<td>220</td>
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<tr>
<td><strong>Total, Squid</strong></td>
<td>145,750</td>
<td>66,112</td>
<td>57,559</td>
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<tr>
<td><strong>Total, mollusks</strong></td>
<td>343,288</td>
<td>155,714</td>
<td>760,931</td>
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<tr>
<td>Other shellfish</td>
<td>8,440</td>
<td>3,828</td>
<td>10,893</td>
</tr>
<tr>
<td><strong>Total, Shellfish</strong></td>
<td>1,035,042</td>
<td>469,492</td>
<td>2,122,284</td>
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<tr>
<td><strong>Other</strong></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Horseshoe crab</td>
<td>1,736</td>
<td>787</td>
<td>910</td>
</tr>
<tr>
<td>Sea urchins</td>
<td>14,800</td>
<td>6,713</td>
<td>13,897</td>
</tr>
<tr>
<td>Seaweed, unclassified</td>
<td>15,324</td>
<td>6,951</td>
<td>308</td>
</tr>
<tr>
<td>Kelp (with herring eggs)</td>
<td>34</td>
<td>15</td>
<td>13</td>
</tr>
<tr>
<td>Worms</td>
<td>808</td>
<td>367</td>
<td>11,108</td>
</tr>
<tr>
<td><strong>Total, other</strong></td>
<td>32,702</td>
<td>14,834</td>
<td>26,236</td>
</tr>
</tbody>
</table>

**Grand Total, U.S.**        | 8,325,814| 3,776,564| 4,383,820          | 7,867,333  | 3,568,599 | 3,882,178 | -- |

(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 Mississippi River drainage are not available.

(2) Less than 500 LB, .5MT, or $500. (3) Revised.

**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. Data for the current year does not include New Jersey depuration clams and Rhode Island inshore lobsters. 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.
### U.S. Commercial Landings

#### DISPOSITION OF U.S. DOMESTIC LANDINGS, 2008 AND 2009

<table>
<thead>
<tr>
<th>End Use</th>
<th>2008</th>
<th>2009</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Million</td>
<td>Thousand</td>
</tr>
<tr>
<td>Fresh and frozen:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>For human food</td>
<td>6,159</td>
<td>2,794</td>
</tr>
<tr>
<td>For bait and animal food</td>
<td>379</td>
<td>172</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>6,538</strong></td>
<td><strong>2,966</strong></td>
</tr>
<tr>
<td>Canned:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>For human food</td>
<td>289</td>
<td>131</td>
</tr>
<tr>
<td>For bait and animal food</td>
<td>47</td>
<td>21</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>336</strong></td>
<td><strong>152</strong></td>
</tr>
<tr>
<td>Cured for human food</td>
<td>138</td>
<td>63</td>
</tr>
<tr>
<td>Reduction to meal, oil, other</td>
<td>1,313</td>
<td>596</td>
</tr>
<tr>
<td><strong>Grand total</strong></td>
<td><strong>8,325</strong></td>
<td><strong>3,776</strong></td>
</tr>
</tbody>
</table>

(1) Revised. NOTE:—Data are preliminary. Table may not add due to rounding.

#### DISPOSITION OF U.S. DOMESTIC LANDINGS, BY MONTH, 2009

<table>
<thead>
<tr>
<th>Month</th>
<th>Landings for human food</th>
<th>Landings for industrial purposes (1)</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Million pounds</td>
<td>Thousand</td>
<td>Percent</td>
</tr>
<tr>
<td>January</td>
<td>417</td>
<td>189</td>
<td>6.9</td>
</tr>
<tr>
<td>February</td>
<td>594</td>
<td>269</td>
<td>9.8</td>
</tr>
<tr>
<td>March</td>
<td>675</td>
<td>306</td>
<td>11.2</td>
</tr>
<tr>
<td>April</td>
<td>230</td>
<td>104</td>
<td>3.8</td>
</tr>
<tr>
<td>May</td>
<td>318</td>
<td>144</td>
<td>5.3</td>
</tr>
<tr>
<td>June</td>
<td>642</td>
<td>291</td>
<td>10.6</td>
</tr>
<tr>
<td>July</td>
<td>1,002</td>
<td>455</td>
<td>16.6</td>
</tr>
<tr>
<td>August</td>
<td>817</td>
<td>371</td>
<td>13.5</td>
</tr>
<tr>
<td>September</td>
<td>558</td>
<td>253</td>
<td>9.2</td>
</tr>
<tr>
<td>October</td>
<td>381</td>
<td>173</td>
<td>6.3</td>
</tr>
<tr>
<td>November</td>
<td>235</td>
<td>107</td>
<td>3.9</td>
</tr>
<tr>
<td>December</td>
<td>166</td>
<td>75</td>
<td>2.8</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>6,035</strong></td>
<td><strong>2,737</strong></td>
<td><strong>100.0</strong></td>
</tr>
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</table>

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

#### U.S. COMMERCIAL LANDINGS OF FISH AND SHELLFISH, 2000-2009 (1)

<table>
<thead>
<tr>
<th>Year</th>
<th>Landings for human food</th>
<th>Landings for industrial purposes (2)</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Million pounds</td>
<td>Thousand</td>
<td>Million</td>
</tr>
<tr>
<td>2000</td>
<td>6,912</td>
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<td>3,398</td>
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<tr>
<td>2001</td>
<td>7,311</td>
<td>3,316</td>
<td>3,064</td>
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<tr>
<td>2002</td>
<td>7,205</td>
<td>3,268</td>
<td>2,940</td>
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<tr>
<td>2003</td>
<td>7,521</td>
<td>3,412</td>
<td>3,185</td>
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<tr>
<td>2004</td>
<td>7,794</td>
<td>3,535</td>
<td>3,611</td>
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<tr>
<td>2005</td>
<td>7,997</td>
<td>3,627</td>
<td>3,825</td>
</tr>
<tr>
<td>2006</td>
<td>7,842</td>
<td>3,557</td>
<td>3,911</td>
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<tr>
<td>2007</td>
<td>7,490</td>
<td>3,397</td>
<td>4,015</td>
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<tr>
<td>2008</td>
<td>6,633</td>
<td>3,009</td>
<td>4,231</td>
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<tr>
<td>2009</td>
<td>6,035</td>
<td>2,737</td>
<td>3,724</td>
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</table>

(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. (3) Revised. (4) Less than million pounds


NOTE:—Data are preliminary. Data do not include landings outside the 50 States or products of aquaculture, except oysters and clams.
<table>
<thead>
<tr>
<th>Regions and States</th>
<th>Thousand pounds</th>
<th>Thousand Metric tons</th>
<th>Thousand dollars</th>
<th>Thousand pounds</th>
<th>Thousand Metric tons</th>
<th>Thousand dollars</th>
<th>Year</th>
<th>Thousand pounds</th>
</tr>
</thead>
<tbody>
<tr>
<td>New England:</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Maine</td>
<td>590,273</td>
<td>267,746</td>
<td>791,651</td>
<td>645,601</td>
<td>292,843</td>
<td>783,871</td>
<td>1950</td>
<td>356,266</td>
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<td>Massachusetts</td>
<td>10,951</td>
<td>4,967</td>
<td>20,789</td>
<td>13,885</td>
<td>6,298</td>
<td>17,775</td>
<td>(2)</td>
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<td>Rhode Island</td>
<td>326,064</td>
<td>147,902</td>
<td>399,623</td>
<td>356,021</td>
<td>161,490</td>
<td>399,973</td>
<td>1957</td>
<td>142,080</td>
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<td>Connecticut</td>
<td>71,707</td>
<td>32,526</td>
<td>66,640</td>
<td>84,497</td>
<td>38,328</td>
<td>61,658</td>
<td>1930</td>
<td>88,012</td>
</tr>
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<td>Middle Atlantic:</td>
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<td></td>
</tr>
<tr>
<td>New York</td>
<td>7,073</td>
<td>3,208</td>
<td>17,148</td>
<td>7,382</td>
<td>3,553</td>
<td>21,632</td>
<td>1956</td>
<td>540,060</td>
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<td>73,693</td>
<td>168,653</td>
<td>161,593</td>
<td>73,298</td>
<td>146,547</td>
<td>1930</td>
<td>367,500</td>
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<td>4,598</td>
<td>2,086</td>
<td>6,714</td>
<td>4,370</td>
<td>1,982</td>
<td>6,552</td>
<td>1880</td>
<td>335,000</td>
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<td>Chesapeake:</td>
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<td></td>
</tr>
<tr>
<td>Maryland</td>
<td>61,372</td>
<td>27,838</td>
<td>73,505</td>
<td>55,884</td>
<td>25,349</td>
<td>67,352</td>
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<td>8,291</td>
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<td>16,626</td>
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<td>44</td>
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<td>65</td>
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(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. 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.
## U.S. Commercial Landings

### COMMERCIAL FISHERY LANDINGS AND VALUE AT MAJOR U.S. PORTS, 2008-2009

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<th>Port</th>
<th>Quantity</th>
<th>Value</th>
<th>Port</th>
<th>Value</th>
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<td>2008</td>
<td>2009</td>
<td></td>
<td>2008</td>
</tr>
<tr>
<td>Million pounds</td>
<td>Million dollars</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>------------------------------------------------</td>
<td>-----------------</td>
<td></td>
<td></td>
<td></td>
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<td>612.7</td>
<td>506.3</td>
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<td>282.9</td>
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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 Dutch Harbor-Unalaska, AK 911.3 million pounds in 2006 and for value New Bedford, MA $282.5 million in 2005.
## COMMERCIAL LANDINGS OF FISH AND SHELLFISH BY U.S. FISHING CRAFT: BY SPECIES, BY DISTANCE CAUGHT OFF U.S. SHORES AND IN INTERNATIONAL WATERS, 2009 (1)

### Species

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<th>3 - 200 miles</th>
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<td>Metric</td>
<td>Thousand</td>
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<tr>
<td></td>
<td>Pounds</td>
<td>Tons</td>
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<td>Tons</td>
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<td>Dollars</td>
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<td>Dollars</td>
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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, 2009 (1)

#### Species - Continued

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<th>Species</th>
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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, 2009 (1)

#### Species - Continued

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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, 2009 (1)

#### Species - Continued

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<td>Other freshwater finfishes</td>
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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, 2009 (1)

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<th>Total U.S. Landings</th>
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<td>Thousand Pounds Metric Tons Dollars</td>
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<td>4,735 2,148 2,266</td>
<td>4,040 1,833 2,176</td>
<td>8,775 3,980 4,442</td>
</tr>
<tr>
<td>King</td>
<td>1,449 657 4,547</td>
<td>20,942 9,499 81,681</td>
<td>22,391 10,156 86,228</td>
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<tr>
<td>Snow (tanner):</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Opilio</td>
<td>- - -</td>
<td>58,089 26,349 79,389</td>
<td>58,089 26,349 79,389</td>
</tr>
<tr>
<td>Bairdi</td>
<td>998 453 1,573</td>
<td>2,443 1,108 3,867</td>
<td>3,441 1,561 5,440</td>
</tr>
<tr>
<td>Other</td>
<td>6,726 3,051 13,019</td>
<td>7,748 3,514 11,829</td>
<td>14,474 6,565 24,848</td>
</tr>
<tr>
<td><strong>Total crabs</strong></td>
<td>225,136 102,121 291,631</td>
<td>101,081 45,850 193,741</td>
<td>326,217 147,971 485,372</td>
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<tr>
<td>Crawfish, freshwater</td>
<td>18,818 8,536 15,234</td>
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<td>18,818 8,536 15,234</td>
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<tr>
<td>Lobsters:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>American</td>
<td>65,545 29,731 200,840</td>
<td>31,345 14,218 96,872</td>
<td>96,890 43,949 299,512</td>
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<tr>
<td>Spiny</td>
<td>3,630 1,647 17,102</td>
<td>1,099 499 3,345</td>
<td>4,729 2,145 20,447</td>
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<tr>
<td><strong>Shrimp:</strong></td>
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<td></td>
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<tr>
<td>New England</td>
<td>2,206 1,001 858</td>
<td>2,967 1,346 1,305</td>
<td>5,173 2,346 2,163</td>
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<tr>
<td>South Atlantic</td>
<td>8,962 4,065 16,534</td>
<td>11,865 5,382 19,252</td>
<td>20,827 9,447 35,786</td>
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<tr>
<td>Gulf</td>
<td>96,240 43,654 120,221</td>
<td>144,763 65,664 193,625</td>
<td>241,003 109,318 313,846</td>
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<tr>
<td>Pacific</td>
<td>8,683 3,939 8,026</td>
<td>25,361 11,504 10,359</td>
<td>34,044 15,442 18,385</td>
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<tr>
<td>Other</td>
<td>2 (2) 14 60</td>
<td>- - -</td>
<td>30 14 60</td>
</tr>
<tr>
<td><strong>Total shrimp</strong></td>
<td>116,091 52,659 145,639</td>
<td>184,986 83,909 224,601</td>
<td>301,077 136,568 370,240</td>
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<tr>
<td><strong>Total crustaceans</strong></td>
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<td>318,511 144,476 520,359</td>
<td>747,731 339,169 1,190,805</td>
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<tr>
<td><strong>Mollusks:</strong></td>
<td></td>
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</tr>
<tr>
<td>Clams:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Quahog (hard)</td>
<td>5,669 2,571 40,801</td>
<td>41 19 130</td>
<td>5,710 2,590 40,931</td>
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<tr>
<td>Geoduck (Pacific)</td>
<td>4,399 1,996 52,064</td>
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<td>4,399 1,995 52,064</td>
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<tr>
<td>Manila (Pacific)</td>
<td>1,183 537 20,030</td>
<td>- - -</td>
<td>1,183 537 20,030</td>
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<tr>
<td>Ocean quahog</td>
<td>- - -</td>
<td>34,909 15,835 21,919</td>
<td>34,909 15,835 21,919</td>
</tr>
<tr>
<td>Softshell</td>
<td>3,596 1,631 18,700</td>
<td>257 117 1,634</td>
<td>3,853 1,748 20,334</td>
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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, 2009  (1)

<table>
<thead>
<tr>
<th>Species</th>
<th>0 to 3 miles</th>
<th>3 - 200 miles</th>
<th>High Seas or off Foreign Shores</th>
<th>Total U.S. Landings</th>
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<tbody>
<tr>
<td></td>
<td>Thousand</td>
<td>Metric Dollars</td>
<td>Thousand</td>
<td>Thousand</td>
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<tr>
<td></td>
<td>Pounds</td>
<td>Tons</td>
<td>Dollars</td>
<td>Pounds</td>
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<td></td>
<td></td>
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<td>Dollars</td>
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<tr>
<td>Shellfish - Continued</td>
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<td></td>
<td></td>
<td></td>
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<tr>
<td>Surf (Atlantic)</td>
<td>6,789</td>
<td>3,079</td>
<td>5,232</td>
<td>43,852</td>
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<tr>
<td>Other</td>
<td>442</td>
<td>200</td>
<td>1,746</td>
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<tr>
<td>Total clams</td>
<td>22,078</td>
<td>10,015</td>
<td>138,573</td>
<td>79,059</td>
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<tr>
<td>Conch (snails)</td>
<td>2,625</td>
<td>1,191</td>
<td>7,579</td>
<td>255</td>
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<td>Mussels, blue (sea)</td>
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<td>2,358</td>
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<td>189</td>
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<tr>
<td>Oysters</td>
<td>35,558</td>
<td>16,129</td>
<td>136,455</td>
<td>13</td>
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<tr>
<td>Total clams</td>
<td>22,078</td>
<td>10,015</td>
<td>138,573</td>
<td>79,059</td>
</tr>
<tr>
<td>Scallops:</td>
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<tr>
<td>Bay</td>
<td>275</td>
<td>125</td>
<td>2,235</td>
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<tr>
<td>Sea</td>
<td>829</td>
<td>376</td>
<td>6,190</td>
<td>57,171</td>
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<tr>
<td>Total shellfish</td>
<td>698,772</td>
<td>316,961</td>
<td>1,035,338</td>
<td>528,874</td>
</tr>
<tr>
<td>Squid:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Atlantic:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Illex</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>40,605</td>
</tr>
<tr>
<td>Loligo</td>
<td>2,172</td>
<td>985</td>
<td>1,966</td>
<td>18,315</td>
</tr>
<tr>
<td>Undclassified</td>
<td>412</td>
<td>187</td>
<td>77</td>
<td>1,127</td>
</tr>
<tr>
<td>Pacific:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Loligo</td>
<td>195,497</td>
<td>88,677</td>
<td>54,197</td>
<td>8,146</td>
</tr>
<tr>
<td>Undclassified</td>
<td>18</td>
<td>8</td>
<td>5</td>
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<tr>
<td>Total squid</td>
<td>198,099</td>
<td>89,857</td>
<td>56,245</td>
<td>68,193</td>
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<tr>
<td>Total, mollusks</td>
<td>264,662</td>
<td>120,050</td>
<td>354,580</td>
<td>204,880</td>
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<tr>
<td>Other shellfish</td>
<td>4,890</td>
<td>2,218</td>
<td>10,312</td>
<td>5,483</td>
</tr>
<tr>
<td>Total shellfish</td>
<td>698,772</td>
<td>316,961</td>
<td>1,035,338</td>
<td>528,874</td>
</tr>
<tr>
<td>Other</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Horseshoe crab</td>
<td>2,282</td>
<td>1,035</td>
<td>1,134</td>
<td>-</td>
</tr>
<tr>
<td>Sea urchins</td>
<td>16,678</td>
<td>7,565</td>
<td>14,260</td>
<td>-</td>
</tr>
<tr>
<td>Seaweed, unclassified</td>
<td>18,094</td>
<td>8,207</td>
<td>254</td>
<td>-</td>
</tr>
<tr>
<td>Kelp (with herring eggs)</td>
<td>9</td>
<td>4</td>
<td>7</td>
<td>-</td>
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<tr>
<td>Worms</td>
<td>774</td>
<td>351</td>
<td>6,723</td>
<td>-</td>
</tr>
<tr>
<td>Total other</td>
<td>37,837</td>
<td>17,163</td>
<td>22,378</td>
<td>-</td>
</tr>
<tr>
<td>Grand total, 2009</td>
<td>3,341,214</td>
<td>1,515,565</td>
<td>1,725,546</td>
<td>4,510,364</td>
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<tr>
<td>Grand total, 2008</td>
<td>3,103,310</td>
<td>1,407,652</td>
<td>1,888,203</td>
<td>5,205,193</td>
</tr>
</tbody>
</table>

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 and clams.

(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, .5 MT or $500.  (3) Revised.
### DOMESTIC LANDINGS FOR U.S. TERRITORIAL POSSESSIONS, 2009 (1)

<table>
<thead>
<tr>
<th>Fish / Species</th>
<th>American Samoa</th>
<th>Guam</th>
<th>Northern Marianas Islands</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Barracudas</strong></td>
<td>4,126 1,872 10,688</td>
<td>1,810 821 3,813</td>
<td>24 11 35</td>
</tr>
<tr>
<td>Billfishes:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Marlin</strong></td>
<td>57,528 26,095 54,911</td>
<td>16,480 7,475 22,134</td>
<td>47 21 71</td>
</tr>
<tr>
<td><strong>Sailfish</strong></td>
<td>1,751 794 4,359</td>
<td>789 358 1,192</td>
<td>162 73 243</td>
</tr>
<tr>
<td><strong>Swordfish</strong></td>
<td>18,844 8,548 40,996</td>
<td>- - -</td>
<td>- - -</td>
</tr>
<tr>
<td><strong>Dolphinfish</strong></td>
<td>24,587 11,153 53,024</td>
<td>1,577 715 4,697</td>
<td>11,434 5,186 28,697</td>
</tr>
<tr>
<td><strong>Emperors</strong></td>
<td>20,807 9,438 53,024</td>
<td>1,577 715 4,697</td>
<td>11,434 5,186 28,697</td>
</tr>
<tr>
<td><strong>Goatfish</strong></td>
<td>13 6 33</td>
<td>- - -</td>
<td>830 376 2,077</td>
</tr>
<tr>
<td><strong>Groupers</strong></td>
<td>4,533 2,056 11,661</td>
<td>2,265 1,027 6,537</td>
<td>768 348 2,240</td>
</tr>
<tr>
<td><strong>Jacks</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Amberjack</strong></td>
<td>1,190 540 3,222</td>
<td>296 134 780</td>
<td>326 148 868</td>
</tr>
<tr>
<td><strong>Bigeye Scad</strong></td>
<td>113 51 354</td>
<td>4,513 2,047 12,117</td>
<td>25,052 11,364 62,584</td>
</tr>
<tr>
<td><strong>Black jack</strong></td>
<td>1,599 725 4,245</td>
<td>108 49 277</td>
<td>112 51 280</td>
</tr>
<tr>
<td><strong>Rainbow runner</strong></td>
<td>267 121 709</td>
<td>1,273 577 2,997</td>
<td>1,759 798 3,476</td>
</tr>
<tr>
<td><strong>Other</strong></td>
<td>1,599 725 4,363</td>
<td>1,478 670 4,565</td>
<td>2,062 949 5,132</td>
</tr>
<tr>
<td><strong>Parrotfishes</strong></td>
<td>4,489 2,036 11,533</td>
<td>49,343 22,382 160,264</td>
<td>23,911 10,846 74,276</td>
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<tr>
<td><strong>Rabbitfish</strong></td>
<td>- - -</td>
<td>- - -</td>
<td>1,126 511 2,790</td>
</tr>
<tr>
<td><strong>Snappers</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Blue lined snapper</strong></td>
<td>5,378 2,439 13,844</td>
<td>- - -</td>
<td>1,126 511 2,790</td>
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<tr>
<td><strong>Ehu</strong></td>
<td>1,397 634 3,898</td>
<td>547 248 2,090</td>
<td>2,572 1,167 9,263</td>
</tr>
<tr>
<td><strong>Gindai (flower snapper)</strong></td>
<td>108 49 270</td>
<td>667 303 2,666</td>
<td>2,393 1,085 8,013</td>
</tr>
<tr>
<td><strong>Gray jobfish</strong></td>
<td>5,597 2,539 14,492</td>
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<td>1,701 772 3,550</td>
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<tr>
<td><strong>Humpback</strong></td>
<td>13,476 6,113 33,725</td>
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<td>- - -</td>
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<tr>
<td><strong>Lehi (silverjaw)</strong></td>
<td>4,252 1,929 12,070</td>
<td>1,302 591 4,910</td>
<td>1,042 473 2,945</td>
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<tr>
<td><strong>Onaga</strong></td>
<td>3,755 1,703 10,304</td>
<td>2,863 1,262 12,934</td>
<td>35,172 15,796 58,918</td>
</tr>
<tr>
<td><strong>Opakapaka</strong></td>
<td>570 259 1,426</td>
<td>1,581 717 6,297</td>
<td>3,898 1,768 10,569</td>
</tr>
<tr>
<td><strong>Other snappers</strong></td>
<td>3,757 1,704 10,304</td>
<td>3,155 1,431 9,813</td>
<td>2,939 1,085 5,894</td>
</tr>
<tr>
<td><strong>Total snappers</strong></td>
<td>38,290 17,368 99,805</td>
<td>10,165 4,611 40,268</td>
<td>18,642 8,456 58,717</td>
</tr>
<tr>
<td><strong>Squirrelfish</strong></td>
<td>1,744 791 4,430</td>
<td>537 244 1,597</td>
<td>215 98 536</td>
</tr>
<tr>
<td><strong>Surgeonfishes</strong></td>
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<tr>
<td><strong>Unicornfishes</strong></td>
<td>3,278 1,487 8,266</td>
<td>22,497 9,751 63,354</td>
<td>1,609 730 4,115</td>
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<tr>
<td><strong>Other</strong></td>
<td>10,537 4,780 26,983</td>
<td>5,876 2,665 15,811</td>
<td>2,113 958 4,589</td>
</tr>
<tr>
<td><strong>Total fish</strong></td>
<td>38,290 17,368 99,805</td>
<td>10,165 4,611 40,268</td>
<td>18,642 8,456 58,717</td>
</tr>
<tr>
<td><strong>Crabs</strong></td>
<td>94 43 249</td>
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<td>- - -</td>
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<tr>
<td><strong>Lobster, spiny</strong></td>
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<td>1,240 562 4,585</td>
<td>1,046 474 5,212</td>
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<tr>
<td><strong>Octopus</strong></td>
<td>53 24 151</td>
<td>2,685 1,218 8,098</td>
<td>438 199 903</td>
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<tr>
<td><strong>Shellfish, other</strong></td>
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<td>- - -</td>
<td>8 4 16</td>
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<tr>
<td><strong>Total shellfish, et al.</strong></td>
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<td>3,925 1,780 12,683</td>
<td>1,492 677 6,131</td>
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<tr>
<td><strong>Grand total</strong></td>
<td>10,637,592 4,825,180 10,624,847</td>
<td>293,501 133,131 770,753</td>
<td>313,580 142,239 668,041</td>
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</tbody>
</table>

(1) Data in this table are preliminary and represent the latest information available.
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<th>Group / Species</th>
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<th>U.S. Virgin Islands(2)</th>
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<td>Pounds</td>
<td>Kilograms</td>
<td>Dollars</td>
<td>Pounds</td>
<td>Kilograms</td>
<td>Dollars</td>
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<td>Ballyhoo</td>
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<td>12,003</td>
<td>31,672</td>
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<tr>
<td>Barracuda</td>
<td>2,130</td>
<td>966</td>
<td>3,992</td>
<td>10,023</td>
<td>4,546</td>
<td>41,024</td>
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<td>Dolphinfish</td>
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<td>109,739</td>
<td>67,531</td>
<td>30,632</td>
<td>405,186</td>
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<td>8,776</td>
<td>2,032</td>
<td>922</td>
<td>10,649</td>
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<td>Red hind</td>
<td>15,109</td>
<td>6,853</td>
<td>33,688</td>
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<td>Nassau</td>
<td>3,327</td>
<td>1,509</td>
<td>5,402</td>
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<tr>
<td>Other</td>
<td>16,171</td>
<td>7,335</td>
<td>38,735</td>
<td>96,777</td>
<td>43,898</td>
<td>448,047</td>
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<tr>
<td>Grunts:</td>
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<tr>
<td>Other</td>
<td>37,169</td>
<td>16,860</td>
<td>67,359</td>
<td>85,817</td>
<td>38,926</td>
<td>364,687</td>
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<td>Hogfish</td>
<td>29,447</td>
<td>13,357</td>
<td>84,381</td>
<td>771</td>
<td>350</td>
<td>4,848</td>
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<td>Jacks:</td>
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<td></td>
</tr>
<tr>
<td>Bar Jack</td>
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<td>9,286</td>
<td>34,214</td>
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<td>Horse-eye Jack</td>
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<td>435</td>
<td>1,746</td>
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<tr>
<td>Other</td>
<td>7,330</td>
<td>3,325</td>
<td>11,544</td>
<td>74,490</td>
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<td>Mackerel, king and cero</td>
<td>38,621</td>
<td>17,518</td>
<td>74,862</td>
<td>4,541</td>
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<td>22,164</td>
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<tr>
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<td>3,859</td>
<td>1,750</td>
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<td>Mullet</td>
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<td>Parrotfish</td>
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<td>53,467</td>
<td>431,273</td>
<td>195,624</td>
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<tr>
<td>Scup or porgy</td>
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<td>5,579</td>
<td>24,224</td>
<td>26,828</td>
<td>12,169</td>
<td>109,999</td>
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<td>Sharks, other</td>
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<td>4,116</td>
<td>18,645</td>
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<td>122</td>
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<tr>
<td>Snappers:</td>
<td></td>
<td></td>
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<tr>
<td>Lane</td>
<td>63,749</td>
<td>28,916</td>
<td>144,789</td>
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<td>Mutton</td>
<td>21,197</td>
<td>9,615</td>
<td>49,923</td>
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<td>Silk</td>
<td>83,360</td>
<td>37,812</td>
<td>275,886</td>
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<td>Yellowtail</td>
<td>67,340</td>
<td>30,545</td>
<td>154,885</td>
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<td>Other</td>
<td>137,735</td>
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<td>401,286</td>
<td>263,947</td>
<td>119,726</td>
<td>1,276,068</td>
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<tr>
<td><strong>Total snappers</strong></td>
<td><strong>373,381</strong></td>
<td><strong>169,365</strong></td>
<td><strong>1,026,769</strong></td>
<td><strong>263,947</strong></td>
<td><strong>119,726</strong></td>
<td><strong>1,276,068</strong></td>
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<tr>
<td>Snook</td>
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<td>Surgeonfish</td>
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<td>75,867</td>
<td>34,413</td>
<td>295,087</td>
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<td>Triggerfish</td>
<td>26,024</td>
<td>11,804</td>
<td>46,493</td>
<td>119,958</td>
<td>54,413</td>
<td>491,640</td>
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<td>14,152</td>
<td>64,184</td>
<td>40,845</td>
<td>18,527</td>
<td>229,951</td>
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<tr>
<td>Tuna:</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Albacore</td>
<td>8</td>
<td>4</td>
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<tr>
<td>Blackfin</td>
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<td>12,118</td>
<td>30,889</td>
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<td>Little (Tunny)</td>
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<td>2,700</td>
<td>9,008</td>
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<td>Skipjack</td>
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<td>Yellowfin</td>
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<td>Unclassified</td>
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<td>714</td>
<td>3,142</td>
<td>26,095</td>
<td>11,837</td>
<td>136,782</td>
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<tr>
<td><strong>Total tuna</strong></td>
<td><strong>62,398</strong></td>
<td><strong>28,304</strong></td>
<td><strong>68,168</strong></td>
<td><strong>26,095</strong></td>
<td><strong>11,837</strong></td>
<td><strong>136,782</strong></td>
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<tr>
<td>Wahoo</td>
<td>4,078</td>
<td>1,850</td>
<td>7,876</td>
<td>11,016</td>
<td>4,997</td>
<td>65,705</td>
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<tr>
<td>Other marine finfishes</td>
<td>25,325</td>
<td>11,487</td>
<td>50,303</td>
<td>57,136</td>
<td>25,917</td>
<td>87,358</td>
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<tr>
<td><strong>Total fish</strong></td>
<td><strong>852,100</strong></td>
<td><strong>386,510</strong></td>
<td><strong>1,904,491</strong></td>
<td><strong>1,399,318</strong></td>
<td><strong>634,726</strong></td>
<td><strong>6,150,989</strong></td>
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<tr>
<td>Shellfish, et al</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Crabs</td>
<td>3,173</td>
<td>1,439</td>
<td>15,661</td>
<td>1,002</td>
<td>455</td>
<td>2,004</td>
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<td>Lobster, spiny</td>
<td>159,465</td>
<td>72,333</td>
<td>978,024</td>
<td>276,158</td>
<td>125,264</td>
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<td>Conch (snail meats)</td>
<td>122,936</td>
<td>55,763</td>
<td>511,507</td>
<td>105,504</td>
<td>47,856</td>
<td>632,966</td>
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<td>Octopus</td>
<td>14,997</td>
<td>6,803</td>
<td>47,019</td>
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<tr>
<td>Shellfish, other</td>
<td>2,743</td>
<td>1,244</td>
<td>5,218</td>
<td>374</td>
<td>170</td>
<td>748</td>
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<tr>
<td><strong>Total shellfish, et al.</strong></td>
<td><strong>303,314</strong></td>
<td><strong>137,582</strong></td>
<td><strong>1,557,429</strong></td>
<td><strong>383,038</strong></td>
<td><strong>173,745</strong></td>
<td><strong>2,594,832</strong></td>
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<tr>
<td><strong>Grand total</strong></td>
<td><strong>1,155,414</strong></td>
<td><strong>524,092</strong></td>
<td><strong>3,461,920</strong></td>
<td><strong>1,782,356</strong></td>
<td><strong>808,471</strong></td>
<td><strong>8,745,821</strong></td>
</tr>
</tbody>
</table>

(1) Data in this table are preliminary and represent the latest information available.
(2) U.S. Virgin Islands landings are for July 1, 2008 to June 30, 2009 fishing year.
U.S. Commercial Landings

### ESTIMATED U.S. AQUACULTURE PRODUCTION, 2003 - 2008

<table>
<thead>
<tr>
<th>Species</th>
<th>2003</th>
<th>2004</th>
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<tr>
<td></td>
<td>Thousand pounds</td>
<td>Metric tons</td>
</tr>
<tr>
<td>Finfish:</td>
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<td></td>
</tr>
<tr>
<td>Baitfish</td>
<td>13,954</td>
<td>6,329</td>
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<tr>
<td>Catfish</td>
<td>661,504</td>
<td>300,056</td>
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<tr>
<td>Salmon</td>
<td>35,967</td>
<td>16,315</td>
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<tr>
<td>Striped bass</td>
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<td>5,192</td>
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<td>Tilapia</td>
<td>19,841</td>
<td>9,000</td>
</tr>
<tr>
<td>Trout</td>
<td>50,716</td>
<td>23,005</td>
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<tr>
<td>Clams</td>
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<tr>
<td>Crawfish</td>
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<td>293</td>
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<td>Oysters</td>
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<td>9,272</td>
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<tr>
<td>Shrimp</td>
<td>13,380</td>
<td>6,069</td>
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<td>Miscellaneous</td>
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<td>7,688</td>
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<tr>
<td>Totals</td>
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<td>421,611</td>
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<table>
<thead>
<tr>
<th>Species</th>
<th>2005</th>
<th>2006</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Thousand pounds</td>
<td>Metric tons</td>
</tr>
<tr>
<td>Finfish:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Baitfish</td>
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</tr>
<tr>
<td>Catfish</td>
<td>605,530</td>
<td>274,664</td>
</tr>
<tr>
<td>Salmon</td>
<td>20,726</td>
<td>9,401</td>
</tr>
<tr>
<td>Striped bass</td>
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<td>5,448</td>
</tr>
<tr>
<td>Tilapia</td>
<td>17,203</td>
<td>7,803</td>
</tr>
<tr>
<td>Trout</td>
<td>60,636</td>
<td>27,504</td>
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<td>Shellfish:</td>
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<tr>
<td>Clams</td>
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<td>Crawfish</td>
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<td>Mussels</td>
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<tr>
<td>Oysters</td>
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<td>6,219</td>
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<tr>
<td>Shrimp</td>
<td>8,999</td>
<td>4,082</td>
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<td>Miscellaneous</td>
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<tr>
<td>Totals</td>
<td>829,880</td>
<td>376,428</td>
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<table>
<thead>
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<th>Species</th>
<th>2007</th>
<th>2008</th>
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<tbody>
<tr>
<td></td>
<td>Thousand pounds</td>
<td>Metric tons</td>
</tr>
<tr>
<td>Finfish:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Baitfish</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Catfish</td>
<td>563,900</td>
<td>255,781</td>
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<tr>
<td>Salmon</td>
<td>24,253</td>
<td>11,001</td>
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<tr>
<td>Striped bass</td>
<td>11,239</td>
<td>5,098</td>
</tr>
<tr>
<td>Tilapia</td>
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<tr>
<td>Trout</td>
<td>49,051</td>
<td>22,249</td>
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<tr>
<td>Shellfish:</td>
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<td></td>
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<tr>
<td>Clams</td>
<td>10,743</td>
<td>4,873</td>
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<tr>
<td>Crawfish</td>
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<tr>
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<tr>
<td>Oysters</td>
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<td>9,500</td>
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<tr>
<td>Shrimp</td>
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<td>2,722</td>
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<tr>
<td>Miscellaneous</td>
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<tr>
<td>Totals</td>
<td>821,607</td>
<td>372,675</td>
</tr>
</tbody>
</table>

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 and Census of Aquaculture, USDA
Note: The 2009 aquaculture production is estimated.
Comparisons between the top ten species by weight for U.S. commercial landings and recreational fish harvests. Does not include data for Alaska and Texas because weight data are not provided by 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.

Top Ten Recreational Species - Harvest (A1 + B1) 
Versus Commercial Harvest - 2009

Top Ten Commercial Species 
Versus Recreational Harvest - 2009

(1) Less than 1 percent
DATA COLLECTION. Detailed information on marine recreational fishing is required to support a variety of fishery management purposes and is mandated by the Sustainable Fisheries Act, 1996 (PL 104-297) and the Magnuson-Stevens Fishery Conservation and Management Reauthorization Act of 2006 (PL 109-479). In 1981, following 2 years of preliminary surveys, the NMFS began a comprehensive survey of marine recreational fisheries covering all fishing modes (private/rental boat, party/charter boat, and shore), and including estuarine and brackish water. Although the annual recreational harvest is only about 8 percent of the total U.S. harvest for states covered by this program, the fishing activities of millions of anglers are important to monitor because marine recreational fishing significantly impacts the stocks of many finfish species, and recreational catches surpass commercial landings of some species (see figure on preceding page).

METHODS. On the Atlantic and Gulf coasts of the US, the recreational fisheries statistics program consists of a coastal household telephone survey (CHTS), a telephone survey of for-hire fishing vessel operators (charter and party boats; FHS), and a field intercept survey of completed angler fishing trips. Additional information is also obtained from state or regional logbook programs and is used to supplement survey data to produce more robust catch and effort estimates. The CHTS 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, angler avidity, species composition of catches, catch rates by species, and lengths and weights of landed fish. These data are combined to produce estimates of participation, catch and effort. Catch estimates are separated into two categories – harvested catch and catch released alive. Harvested catch includes landed fish and catch reported as dead. Whenever possible, field interviewers identify, count, weigh, and measure landed fish that are available in whole form. Angler reports are obtained for catch released alive and for all other harvested catch, such as catch released dead, used for bait, or filleted fish. Catch estimates are stratified by subregion, state and wave (bimonthly sampling period), and further partitioned by species, fishing mode (private/rental boat, party/charter boat, and shore), primary area fished, and catch type.

On the Atlantic, Gulf, and California coasts, effort for the party and charter boat fishing modes is estimated through For-Hire Surveys (FHS). These surveys differ from the CHTS because they use a telephone survey of boats as the primary method for estimating fishing effort. The weekly survey uses directories of charter and party boats as the sampling frames. These telephone surveys estimate the number of angler-trips on boats included in the sampling frames. Dockside and on-board angler-intercept surveys collect catch data. The total catch of any one species is calculated as the product of the estimated total angler trips and the estimated mean catch per trip. Although the FHS produces separate estimates for party and charter boat on the Atlantic and Gulf Coasts, for-hire fishing vessels are not designated by type in California or Puget Sound. This effort methodology was initiated in 2000 on the Gulf coast, in 2001 on the Pacific coast, and in 2005 on the Atlantic coast. FHS numbers for the Gulf Coast only include charter boats. In Oregon and Washington, ocean boats surveys are used 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 passenger and private boats. 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 type of boat, type of trip and water area. Catch estimates in numbers of fish and weight are produced for each species of fish.

COVERAGE. In 2009, the Recreational Fishing Statistics Program conducted by the NMFS included the Atlantic coast (ME-East FL), Gulf coast (LA-West FL), Puerto Rico and Hawaii. Detailed information and access to the data are available on the Fisheries Statistics web page (www.st.nmfs.gov/st1). Care is advised when comparing catch estimates across an extended time series because of differences in sampling coverage through the years.

In the South Atlantic and Gulf sub-regions (NC-LA) party boat catch data have not been collected since 1985, so estimates for these sub-regions only include charter boats in the for-hire sector. Marine recreational fishing in Texas is monitored by the Texas Parks and Wildlife Department and has not been surveyed by the NMFS’ survey program 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. Recreational fishing data in Alaska are collected through an annual mail survey administered by the Alaska Department of Fish and Game. Harvest, effort and participation data are included, but not available for the current year. West Pacific U.S. territories have not been included in the national survey program since 1981. Hawaii was not surveyed between 1981 and 2002. Puerto Rico was not surveyed between 1981 and 2000. Since 2004, the numbers reported for Washington and Oregon include only private boat and for-hire fisheries. Data from other NMFS and state surveys are not included in this report.

Historically, only about five percent of the annual recreational catch on the Atlantic and Gulf coasts is taken during Wave 1 (Jan/Feb). Costs to sample these months are very high due to low fishing activity. Therefore, in Jan/Feb of 1981 the surveys were 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. In 2004, Jan/Feb data collection resumed in North Carolina. With a few exceptions the recreational statistics program has not collected data in Jan/Feb on the Atlantic coast north of Florida since 1980.

Time periods when the marine recreational statistics program has not been conducted: Nov/Dec (ME & NH) - 1987 to present; Mar/Apr (ME & NH) - 1986 to present; Jan/Feb (Northern CA & OR) – 1994; Jan/Feb (Southern CA & OR) – 1995 Nov/Dec (OR) – 1994; Nov/Dec (WA shore modes) – 2003; July - Dec (OR shore modes) – 2003; All Waves (CA - WA) - 1990 to 1993, 2004 to present; All Waves (WA) - 1993 to 1994.

DATA TABLES. The estimated harvests (numbers and weight of fish) for the continental U.S., Alaska, Hawaii, and Puerto Rico are presented. Harvest by weight are not available for Texas and Alaska. 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 Texas and Florida’s Gulf coast, 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.

2009 MARINE RECREATIONAL FISHING DATA. In 2009, more than 10 million anglers made almost 75 million marine recreational fishing trips in the continental U.S., Alaska, Hawaii, and Puerto Rico. The estimated total marine recreational catch was nearly 391 million fish, of which nearly 56 percent were released alive. The estimated total weight of harvested catch was 212 million pounds. The Atlantic coast accounted for the majority of trips (more than 58 percent) and catch (almost 51 percent). The Gulf coast accounted for over 31 percent of trips, and more than 44 percent of the catch. The Pacific coast accounted for almost 7 percent of trips, and 3 percent of the catch. Nationally, most (65 percent in numbers of fish) of the recreational catch came from inland waters, 26 percent from state territorial seas, and nearly 9 percent from the EEZ. The majority of Atlantic, Gulf and Pacific trips fished primarily in inland waters.

ATLANTIC. In 2009, nearly 6.4 million residents of Atlantic Coast states participated in marine recreational fishing. All participants, including visitors, took almost 44 million trips and caught a total of over 198 million fish. Over 23 percent of the trips were made in east Florida, followed by 13 percent in North Carolina, more than 12 percent in New York, over 11 percent in New Jersey, nearly 7 percent in Virginia, and more than 6 percent in Maryland. Together, South Carolina, Connecticut, and Rhode Island accounted for 11 percent of the trips, and Maine, Delaware, Georgia, and New Hampshire accounted for the remaining percentage. The most commonly caught non-bait species (in numbers of fish) were summer flounder, Atlantic croaker, bluefish, black sea bass, and spot. The largest harvests by weight were striped bass, bluefish, dolphinfish, summer flounder, and Atlantic croaker.

Over the last ten years, the total annual catch of black sea bass decreased overall from 19 million fish in 2000 to 12 million fish in 2009. In 2009, black sea bass catch (12 million fish) was more than 13 percent below the 10-year average of nearly 14 million fish. From 2000 to 2009, total annual catch of summer flounder has averaged more than 23 million fish. Catch declined to a low in 2002 but has increased in subsequent years. From the total catch in 2009 (over
25 million fish), more than 92 percent were released alive. The species most commonly caught on Atlantic coast trips that fished primarily in federally managed waters were black sea bass, summer flounder, Atlantic cod, dolphinfish, and bluefish. More than 27 percent of the total Atlantic catch came on saltwater trips that fished primarily in the state territorial seas, and over 62 percent came on trips that fished primarily in inland waters.

GULF OF MEXICO. In 2009, 2.8 million residents of Gulf Coast states participated in marine recreational fishing. All participants, including visitors, took over 23 million trips and caught more than 173 million fish. Almost 67 percent of the trips were made in west Florida, followed by 17 percent in Louisiana, more than 7 percent in Alabama, almost 5 percent in Mississippi, and more than 4 percent in Texas. The most commonly caught non-bait species (numbers of fish) were spotted seatrout, red drum, sand seatrout, Atlantic croaker, and gray snapper. The largest harvests by weight were for spotted seatrout, red drum, sheepshead, red snapper, king mackerel, and black drum. From 2000 to 2009, total annual catch of red drum has averaged 8.8 million fish. Catch has generally been stable. Of the total catch in 2009 (more than 8.3 million fish), over 65 percent were released alive. Annual red snapper catch has fluctuated ranging from a low of more than 2.2 million fish (2000) to a high of 3.9 million fish (2007) with no clear trend. At 2.9 million fish, 2009 red snapper catch was below the 10-year mean of over 592,000. The most commonly caught Pacific coast species in federally managed waters were California scorpionfish, Pacific sanddab, black rockfish, coho salmon, and vermilion rockfish. Almost 73 percent of the total Pacific catch came from trips that fished primarily in the state territorial seas, and 20 percent came from trips that fished primarily in inland waters.

ALASKA. In 2008, 309,000 marine recreational fishing participants took almost 571,000 trips and caught a total of 2.5 million fish. Commonly caught non-bait fishes included pacific halibut, rockfishes, lingcod, pacific cod, and the salmons: chinook, chum, coho, pink and sockeye. The most abundantly harvested of the salmons were coho salmon and pink salmon. Current year statistics are not available.

HAWAII. In 2009, almost 246,000 marine recreational participants took almost 2.2 million trips and caught a total of nearly 6.1 million fish. The most commonly caught non-bait species (in numbers of fish) were convict tang, yellowstripe goatfish, mackerel scad, goldring surgeonfish, and skipjack tuna. By weight, the largest harvests were yellowfin tuna, skipjack tuna, dolphinfish, wahoo, blue marlin, and bluefin trevally.

PUERTO RICO. In 2009, almost 133,000 marine recreational participants took 636,000 trips and caught a total of nearly 783,000 fish. The most commonly caught non-bait species (in numbers of fish) were dolphinfish, yellowtail snapper, lane snapper, silk snapper, and redear sardine. By weight, the largest harvests were dolphinfish, king mackerel, silk snapper, lane snapper, yellowtail snapper, and blue runner.
## U.S. Marine Recreational Fisheries

### U.S. RECREATIONAL HARVEST (A+B1), BY SPECIES, 2008 AND 2009

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## U.S. Marine Recreational Fisheries

### U.S. Recreational Harvest (A+B1), by Species, 2008 and 2009

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See footnotes at end of table.
### U.S. Recreational Harvest (A+B1), by Species, 2008 and 2009

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**Notes:**
- Number or pounds less than 1,000 or less than 1 metric ton.
- Fish included in these groups are not equivalent to those with similar names listed in the commercial tables.
- AK data not available for current year.
## U.S. Recreational Harvest (A+B1), by Distance from Shore and Species Group, 2009

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### U.S. RECREATIONAL HARVEST (A+B1), BY DISTANCE FROM SHORE AND SPECIES GROUP, 2009

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#### Mullets **

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<td>205 93 1,366 (thousands)</td>
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<td>2,297 1,042 4,666 (thousands)</td>
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<td>2,297 1,042 4,666 (thousands)</td>
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#### Porgies

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<td>2,502 1,135 6,118 (thousands)</td>
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<td>- - -</td>
<td>- - -</td>
<td>130 59 115 (thousands)</td>
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<td>2,940 1,334 2,771 (thousands)</td>
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<td>5,768 2,616 2,395 (thousands)</td>
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<td>125 57 206 (thousands)</td>
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<tr>
<td>Scup **</td>
<td>1 (thousands)</td>
<td>- - -</td>
<td>1 (thousands)</td>
<td>1 (thousands)</td>
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#### Rockfishes

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<td>9 4 7 (thousands)</td>
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#### Sculpins

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#### Sea Basses

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### U.S. RECREATIONAL HARVEST (A+B1), BY DISTANCE FROM SHORE AND SPECIES GROUP, 2009

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### U.S. RECREATIONAL HARVEST (A+B1), BY DISTANCE FROM SHORE AND SPECIES GROUP, 2009

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<td>3 to 200 miles (Exclusive Economic Zone)</td>
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<td>Metric tons</td>
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<td>Convict Tang</td>
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**NOTES:**
1. Number or pounds less than 1,000 or less than 1 metric ton.
2. With the exception of West Florida where the state territorial seas extend 0 to 10 miles.
3. Includes all OR and WA harvest (where distance from shore is unknown).
4. Fish included in these groups are not equivalent to those with similar names listed in the commercial tables.
5. AK data not available for current year.
## U.S. RECREATIONAL HARVEST (A+B1) AND TOTAL LIVE RELEASES (B2),  
### BY SPECIES GROUP, 2000-2009

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See footnotes at end of table.
### U.S. Marine Recreational Fisheries

#### U.S. RECREATIONAL HARVEST (A+B1) AND TOTAL LIVE RELEASES (B2),
BY SPECIES GROUP, 2000-2009

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<th>Year</th>
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<th>Pounds Harvested</th>
<th>Number Released</th>
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**By Species Group, 2000-2009**

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See footnotes at end of table.
## U.S. Marine Recreational Fisheries

### U.S. RECREATIONAL HARVEST (A+B) AND TOTAL LIVE RELEASES (B2),
**BY SPECIES GROUP, 2000-2009**

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### By Species Group, 2000-2009

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**NOTES:**
1. Number or pounds less than 1,000 or less than 1 metric ton.
2. TX only estimates harvest (no weight or release data) and includes only private and for-hire fisheries.
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</tr>
<tr>
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</tr>
<tr>
<td>Maryland</td>
<td>8,473</td>
<td>5,619</td>
<td>8,190</td>
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<tr>
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<td>13,401</td>
<td>4,143</td>
<td>23,458</td>
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<tr>
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<td>13,683</td>
<td>4,369</td>
<td>17,093</td>
</tr>
<tr>
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<tr>
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<tr>
<td>Grand Total</td>
<td>212,074</td>
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<td>218,180</td>
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</table>

NOTE: TX only estimates harvest (no weight or release data) and includes only private and for-hire fisheries. OR and WA estimates include only private and for-hire fisheries. AK data not available for current year.
### U.S. RECREATIONAL NUMBERS OF ANGLERS AND TRIPS BY STATES, 2008 AND 2009

<table>
<thead>
<tr>
<th>State</th>
<th>2008</th>
<th>2009</th>
<th></th>
<th></th>
<th></th>
</tr>
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<tr>
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<td>Out-of-State Anglers</td>
<td>In-State Anglers</td>
<td>Number of Anglers</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>From Coastal Counties</td>
<td>From Non-Coastal Counties</td>
<td>Trips</td>
<td></td>
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<tr>
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<td>-</td>
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<tr>
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<td>-</td>
<td>969</td>
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<tr>
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<td>-</td>
<td>-</td>
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<tr>
<td>Texas</td>
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<td>-</td>
<td>-</td>
<td>-</td>
<td>1,054</td>
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<tr>
<td>Alaska</td>
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<td>-</td>
<td>571</td>
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<td>Puerto Rico</td>
<td>22</td>
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<td>-</td>
<td>-</td>
<td>799</td>
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<td><strong>Grand Total</strong></td>
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<td><strong>85,372</strong></td>
<td></td>
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<td></td>
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</tbody>
</table>

### Notes
- All counties in HI, PR, RI, CT, DE, and FL are considered coastal. AK estimates are presented as coastal.
- TX, CA, OR, and WA angler data not available.
- AK data not available for current year.
- Out-of-state angler estimates are not additive across states.
### WORLD AQUACULTURE AND COMMERCIAL CATCHES, 1999-2008

<table>
<thead>
<tr>
<th>Year</th>
<th>Inland</th>
<th>Marine</th>
<th>Total</th>
<th>Inland</th>
<th>Marine</th>
<th>Total</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>1999</td>
<td>18,430,291</td>
<td>12,300,399</td>
<td>30,730,690</td>
<td>8,275,613</td>
<td>83,194,877</td>
<td>91,470,490</td>
<td>122,201,180</td>
</tr>
<tr>
<td>2000</td>
<td>19,304,875</td>
<td>13,111,235</td>
<td>32,416,110</td>
<td>8,577,846</td>
<td>84,927,131</td>
<td>93,504,977</td>
<td>125,921,007</td>
</tr>
<tr>
<td>2001</td>
<td>20,447,440</td>
<td>14,163,932</td>
<td>34,611,372</td>
<td>8,534,554</td>
<td>82,209,538</td>
<td>90,744,092</td>
<td>125,355,464</td>
</tr>
<tr>
<td>2002</td>
<td>21,730,227</td>
<td>15,052,324</td>
<td>36,782,551</td>
<td>8,411,811</td>
<td>82,589,432</td>
<td>91,001,243</td>
<td>127,783,794</td>
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<tr>
<td>2003</td>
<td>23,078,369</td>
<td>15,836,733</td>
<td>38,915,102</td>
<td>8,629,928</td>
<td>79,604,327</td>
<td>88,234,255</td>
<td>127,149,357</td>
</tr>
<tr>
<td>2004</td>
<td>25,187,462</td>
<td>16,717,121</td>
<td>41,904,583</td>
<td>8,604,168</td>
<td>83,765,749</td>
<td>92,369,917</td>
<td>134,724,500</td>
</tr>
<tr>
<td>2005</td>
<td>26,837,433</td>
<td>17,468,095</td>
<td>44,305,528</td>
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<td>82,679,664</td>
<td>92,056,682</td>
<td>136,362,210</td>
</tr>
<tr>
<td>2006</td>
<td>28,703,622</td>
<td>18,647,444</td>
<td>47,351,066</td>
<td>9,759,141</td>
<td>79,952,992</td>
<td>89,712,133</td>
<td>137,063,199</td>
</tr>
<tr>
<td>2007</td>
<td>30,667,373</td>
<td>19,236,263</td>
<td>49,903,636</td>
<td>9,972,768</td>
<td>79,926,114</td>
<td>89,898,882</td>
<td>139,802,518</td>
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<tr>
<td>2008</td>
<td>32,885,635</td>
<td>19,660,570</td>
<td>52,546,205</td>
<td>10,220,459</td>
<td>79,520,460</td>
<td>89,740,919</td>
<td>142,287,124</td>
</tr>
</tbody>
</table>

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, 2007-2008

<table>
<thead>
<tr>
<th>Species group</th>
<th>2007</th>
<th>2008</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Live-weight</td>
<td>Live-weight</td>
</tr>
<tr>
<td>Herrings, sardines, anchovies</td>
<td>19,859,864</td>
<td>20,144,345</td>
</tr>
<tr>
<td>Carps, barbels, cyprinids</td>
<td>18,950,904</td>
<td>20,593,403</td>
</tr>
<tr>
<td>Cods, hakes, haddocks</td>
<td>13,722</td>
<td>8,343,415</td>
</tr>
<tr>
<td>Tunas, bonitos, billfishes</td>
<td>8,485</td>
<td>6,491,843</td>
</tr>
<tr>
<td>Salmons, trouts, smelts</td>
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<td>2,295,523</td>
</tr>
<tr>
<td>Tilapias</td>
<td>2,551,275</td>
<td>2,797,819</td>
</tr>
<tr>
<td>Flatfish</td>
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<td>2,797,819</td>
</tr>
<tr>
<td>Sharks, rays, chimaeras</td>
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<td>736,491</td>
</tr>
<tr>
<td>Shads</td>
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<td>590,282</td>
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<tr>
<td>River eels</td>
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<td>274,818</td>
</tr>
<tr>
<td>Sturgeons, paddlefish</td>
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<td>25,683</td>
</tr>
<tr>
<td>Other fishes</td>
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<td>37,292,737</td>
</tr>
<tr>
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<td>3,279,819</td>
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<tr>
<td>Crabs</td>
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<tr>
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<td>249,494</td>
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<tr>
<td>Krill</td>
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<td>104,621</td>
</tr>
<tr>
<td>Other crustaceans</td>
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<tr>
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<td>2,160,373</td>
</tr>
<tr>
<td>Oysters</td>
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<td>4,164,010</td>
</tr>
<tr>
<td>Squids, cuttlefishes, octopus</td>
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<td>4,313,510</td>
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<tr>
<td>Mussels</td>
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<tr>
<td>Scallops</td>
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<td>733,812</td>
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<tr>
<td>Abalones, winkles, conchs</td>
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<td>129,383</td>
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<tr>
<td>Other mollusks</td>
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<td>1,317,119</td>
</tr>
<tr>
<td>Sea urchins, other echinoderms</td>
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<td>1,317,119</td>
</tr>
<tr>
<td>Miscellaneous</td>
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<td>1,317,119</td>
</tr>
<tr>
<td>Total</td>
<td>49,903,636</td>
<td>52,546,205</td>
</tr>
</tbody>
</table>

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 BY COUNTRY

<table>
<thead>
<tr>
<th>Country</th>
<th>2007</th>
<th>2008</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Aquaculture</td>
<td>Catch</td>
</tr>
<tr>
<td></td>
<td>Live-weight</td>
<td>Live-weight</td>
</tr>
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<td>14,659,036</td>
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<td>3,859,293</td>
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<td>Peru</td>
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<td>7,210,544</td>
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<tr>
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<td>5,050,340</td>
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<tr>
<td>Japan</td>
<td>772,063</td>
<td>4,296,532</td>
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<td>2,020,400</td>
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<tr>
<td>All Others</td>
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<td>21,715,393</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>49,903,636</td>
<td>89,898,882</td>
</tr>
</tbody>
</table>

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 Fisheries

#### WORLD IMPORTS AND EXPORTS OF SEVEN FISHERY COMMODITY GROUPS, BY LEADING COUNTRIES, 2004-2008

<table>
<thead>
<tr>
<th>Country</th>
<th>2004</th>
<th>2005</th>
<th>2006</th>
<th>2007</th>
<th>2008</th>
</tr>
</thead>
<tbody>
<tr>
<td>Japan</td>
<td>14,559,508</td>
<td>14,438,337</td>
<td>13,970,740</td>
<td>13,184,490</td>
<td>14,947,450</td>
</tr>
<tr>
<td>United States</td>
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<td>11,982,336</td>
<td>13,271,315</td>
<td>13,631,511</td>
<td>14,135,383</td>
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<td>5,222,348</td>
<td>5,632,087</td>
<td>6,359,092</td>
<td>6,980,372</td>
<td>7,101,147</td>
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<tr>
<td>France</td>
<td>4,176,418</td>
<td>4,562,629</td>
<td>5,069,238</td>
<td>5,366,203</td>
<td>5,835,957</td>
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<td>4,125,990</td>
<td>4,511,576</td>
<td>5,143,432</td>
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<td>3,738,906</td>
<td>4,278,560</td>
<td>4,501,743</td>
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<tr>
<td>United Kingdom</td>
<td>2,811,525</td>
<td>3,174,317</td>
<td>3,713,854</td>
<td>4,140,438</td>
<td>4,220,392</td>
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<td>Denmark</td>
<td>2,286,337</td>
<td>2,554,663</td>
<td>2,838,443</td>
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<td>2,283,793</td>
<td>2,614,609</td>
<td>2,919,792</td>
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<tr>
<td>Other Countries</td>
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<td>25,879,425</td>
<td>29,935,184</td>
<td>35,358,934</td>
<td>40,416,686</td>
</tr>
<tr>
<td><strong>Total</strong></td>
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<td><strong>81,740,563</strong></td>
<td><strong>90,023,472</strong></td>
<td><strong>98,097,686</strong></td>
<td><strong>107,785,736</strong></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>China</td>
<td>6,638,839</td>
<td>7,519,357</td>
<td>8,968,051</td>
<td>9,250,710</td>
<td>10,114,324</td>
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<td>Norway</td>
<td>4,132,147</td>
<td>4,885,226</td>
<td>5,503,429</td>
<td>6,228,123</td>
<td>6,936,644</td>
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<tr>
<td>Thailand</td>
<td>4,060,059</td>
<td>4,494,183</td>
<td>5,266,742</td>
<td>5,708,849</td>
<td>6,489,132</td>
</tr>
<tr>
<td>Denmark</td>
<td>3,566,149</td>
<td>3,685,243</td>
<td>3,986,519</td>
<td>4,128,359</td>
<td>4,601,250</td>
</tr>
<tr>
<td>Viet Nam</td>
<td>2,443,850</td>
<td>2,756,139</td>
<td>3,372,242</td>
<td>3,783,834</td>
<td>4,550,333</td>
</tr>
<tr>
<td>United States</td>
<td>3,850,629</td>
<td>4,232,041</td>
<td>4,143,146</td>
<td>4,436,746</td>
<td>4,463,052</td>
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<tr>
<td>Chile</td>
<td>2,483,628</td>
<td>2,966,917</td>
<td>3,556,594</td>
<td>3,677,002</td>
<td>3,930,969</td>
</tr>
<tr>
<td>Canada</td>
<td>3,467,477</td>
<td>3,595,693</td>
<td>3,659,857</td>
<td>3,711,890</td>
<td>3,706,192</td>
</tr>
<tr>
<td>Spain</td>
<td>2,564,977</td>
<td>2,579,057</td>
<td>2,848,676</td>
<td>3,230,749</td>
<td>3,465,473</td>
</tr>
<tr>
<td>Netherlands</td>
<td>2,451,904</td>
<td>2,820,138</td>
<td>2,811,705</td>
<td>3,280,643</td>
<td>3,394,073</td>
</tr>
<tr>
<td>Other Countries</td>
<td>36,001,227</td>
<td>39,096,111</td>
<td>42,017,239</td>
<td>46,132,437</td>
<td>50,518,940</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>71,678,886</strong></td>
<td><strong>78,630,105</strong></td>
<td><strong>86,134,200</strong></td>
<td><strong>93,569,342</strong></td>
<td><strong>102,170,382</strong></td>
</tr>
</tbody>
</table>

Note:—Data for 2004-2007 are revised. Data on imports and exports cover the international trade of 205 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, 2004-2008

<table>
<thead>
<tr>
<th>Item</th>
<th>2004</th>
<th>2005</th>
<th>2006</th>
<th>2007</th>
<th>2008</th>
</tr>
</thead>
<tbody>
<tr>
<td>Marketed fresh</td>
<td>37.9</td>
<td>38.0</td>
<td>38.9</td>
<td>39.4</td>
<td>39.7</td>
</tr>
<tr>
<td>Frozen</td>
<td>20.1</td>
<td>20.7</td>
<td>20.9</td>
<td>20.6</td>
<td>20.5</td>
</tr>
<tr>
<td>Canned</td>
<td>11.1</td>
<td>11.5</td>
<td>12.5</td>
<td>12.2</td>
<td>12.1</td>
</tr>
<tr>
<td>Cured</td>
<td>8.7</td>
<td>8.7</td>
<td>8.8</td>
<td>8.7</td>
<td>8.6</td>
</tr>
<tr>
<td>Reduced to meal and oil (1)</td>
<td>18.3</td>
<td>17.0</td>
<td>14.8</td>
<td>14.7</td>
<td>14.6</td>
</tr>
<tr>
<td>Miscellaneous purposes</td>
<td>3.9</td>
<td>4.1</td>
<td>4.2</td>
<td>4.5</td>
<td>4.5</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>100.0</strong></td>
<td><strong>100.0</strong></td>
<td><strong>100.0</strong></td>
<td><strong>100.0</strong></td>
<td><strong>100.0</strong></td>
</tr>
</tbody>
</table>

Note:—Data for 2004-2007 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).
FRESH AND FROZEN

FISH FILLETS AND STEAKS. In 2009 the U.S. production of raw (uncooked) fish fillets and steaks, including blocks, was 507.6 million pounds—148.0 million pounds less than the 655.6 million pounds in 2008 due primarily to a large decrease in Alaska Pollock along with smaller decreases in various additional species. All fillets and steaks were valued at $1.2 billion. Despite a decrease of 87.5 million pounds from the 2008 volume, Alaska pollock fillets and blocks led all species with 276.9 million pounds—55 percent of the total. Production of groundfish fillets and steaks (see Glossary Section—Groundfish) was 367.4 million pounds.

FISH STICKS AND PORTIONS. The combined production of fish sticks and portions was 211.1 million pounds valued at $397.7 million compared with the 2008 production of 287.0 million pounds valued at $430.8 million. The total production of fish sticks amounted to 70.5 million pounds valued at $106.8 million. The total production of fish portions amounted to 140.6 million pounds valued at $290.9 million.

BREADED SHRIMP. The production of breaded shrimp in 2009 was 97.1 million pounds valued at $251.5 million. This represents an increase from the 2008 production of 74.2 million pounds valued at $159.4 million.

CANNED PRODUCTS

CANNED FISHERY PRODUCTS. The pack of canned fishery products in the 50 states, American Samoa, and Puerto Rico was 933.4 million pounds valued at $1.4 billion—decreases from the 2008 pack of 1.3 billion pounds valued at $1.4 billion. The 2009 pack included 621.7 million pounds with a value of $1.2 billion for human consumption and 311.7 million pounds valued at $216.0 million for bait and animal food.

CANNED SALMON. The 2009 U.S. pack of salmon was 141.9 million pounds valued at $322.3 million, increases from the 2008 levels of 123.9 million pounds valued at $225.3 million.

CANNED TUNA. The U.S. pack of tuna was 369.7 million pounds valued at $757.0 million—strong decreases of 104.2 million pounds in quantity and $87.9 million in value compared with the 2008 pack. The pack of albacore tuna was 162.9 million pounds comprising 44 percent of the tuna pack in 2009. Lightmeat tuna (bigeye, bluefin, skipjack, and yellowfin) comprised the remainder with a pack of 206.8 million pounds.

CANNED CLAMS. The 2009 U.S. pack of clams (whole, minced, chowder, juice, and specialties) was 100.4 million pounds valued at $88.6 million. The pack of whole and minced clams was 23.3 million pounds. Clam chowder and clam juice was 77.0 million pounds and made up the majority of the pack.

OTHER CANNED ITEMS. The pack of pet food and bait was 311.7 million pounds valued at $216.0 million—a large decrease in volume and value from the 2008 levels of 601.7 million pounds worth $231.3 million.

INDUSTRIAL FISHERY PRODUCTS

INDUSTRIAL FISHERY PRODUCTS. The value of the domestic production of industrial fishery products was $322.2 million—an increase of $12.3 million compared with the 2008 value and also above recent historical levels.

FISH MEAL. The domestic production of fish and shellfish meal was 560.1 million pounds valued at $221.9 million—increases of 67.3 million pounds and $39.9 million compared with 2008. Most of this production was fish meal (560.0 million pounds) while shellfish meal production was 134.0 thousand pounds—a decrease of 942.0 thousand pounds from the 2008 level.

FISH OILS. The domestic production of fish oils was 168.2 million pounds (approximately 21.7 million gallons) valued at $40.4 million—decreases of 21.9 million pounds and $22.8 million in value compared with 2008 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, and mussel shell buttons were valued at $59.9 million.
### VALUE OF PROCESSED FISHERY PRODUCTS, 2008 AND 2009
(Processed from domestic catch and imported products)

<table>
<thead>
<tr>
<th>Item</th>
<th>2008 (1)</th>
<th></th>
<th>2009</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Thousand</td>
<td>Percent</td>
<td>Thousand</td>
<td>Percent</td>
</tr>
<tr>
<td></td>
<td>dollars</td>
<td>of total</td>
<td>dollars</td>
<td>of total</td>
</tr>
<tr>
<td><strong>Edible:</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fresh and frozen</td>
<td>7,031,675</td>
<td>78</td>
<td>6,221,882</td>
<td>77</td>
</tr>
<tr>
<td>Canned</td>
<td>1,191,214</td>
<td>13</td>
<td>1,191,432</td>
<td>15</td>
</tr>
<tr>
<td>Cured</td>
<td>165,795</td>
<td>2</td>
<td>142,106</td>
<td>2</td>
</tr>
<tr>
<td><strong>Total edible</strong></td>
<td>8,388,684</td>
<td>94</td>
<td>7,555,420</td>
<td>93</td>
</tr>
<tr>
<td><strong>Industrial:</strong></td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Bait and animal food</td>
<td>273,611</td>
<td>3</td>
<td>235,257</td>
<td>3</td>
</tr>
<tr>
<td>Meal and oil</td>
<td>245,240</td>
<td>3</td>
<td>262,333</td>
<td>3</td>
</tr>
<tr>
<td>Other</td>
<td>57,762</td>
<td>1</td>
<td>56,814</td>
<td>1</td>
</tr>
<tr>
<td><strong>Total industrial</strong></td>
<td>576,613</td>
<td>6</td>
<td>554,404</td>
<td>7</td>
</tr>
<tr>
<td><strong>Grand total</strong></td>
<td>8,965,297</td>
<td>100</td>
<td>8,109,824</td>
<td>100</td>
</tr>
</tbody>
</table>

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

### U.S. PRODUCTION OF FISH STICKS, FISH PORTIONS, AND BREADED SHRIMP, 2000-2009

<table>
<thead>
<tr>
<th>Year</th>
<th>Fish sticks</th>
<th>Fish portions</th>
<th>Breadcrd shrimp</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Thousand pounds</td>
<td>Thousand Metric</td>
<td>Thousand dollars</td>
</tr>
<tr>
<td>2000</td>
<td>39,925</td>
<td>18,110</td>
<td>42,549</td>
</tr>
<tr>
<td>2001</td>
<td>43,014</td>
<td>19,511</td>
<td>41,539</td>
</tr>
<tr>
<td>2002</td>
<td>47,587</td>
<td>21,585</td>
<td>51,060</td>
</tr>
<tr>
<td>2003</td>
<td>31,484</td>
<td>14,281</td>
<td>34,743</td>
</tr>
<tr>
<td>2005</td>
<td>61,751</td>
<td>28,010</td>
<td>75,854</td>
</tr>
<tr>
<td>2006</td>
<td>59,353</td>
<td>26,922</td>
<td>61,942</td>
</tr>
<tr>
<td>2007</td>
<td>73,926</td>
<td>33,533</td>
<td>104,974</td>
</tr>
<tr>
<td>2008</td>
<td>82,461</td>
<td>37,404</td>
<td>120,615</td>
</tr>
<tr>
<td>2009</td>
<td>70,501</td>
<td>31,979</td>
<td>106,805</td>
</tr>
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</table>
## PRODUCTION OF FRESH AND FROZEN FILLETS AND STEAKS, BY SPECIES, 2008 AND 2009

<table>
<thead>
<tr>
<th>Species</th>
<th>2008 (1)</th>
<th>2009</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Thousand pounds</td>
<td>Metric tons</td>
</tr>
<tr>
<td>Fillets:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Amberjack</td>
<td>42</td>
<td>19</td>
</tr>
<tr>
<td>Anglerfish</td>
<td>1,150</td>
<td>522</td>
</tr>
<tr>
<td>Bluefish</td>
<td>68</td>
<td>31</td>
</tr>
<tr>
<td>Cobia</td>
<td>14</td>
<td>6</td>
</tr>
<tr>
<td>Cod</td>
<td>38,707</td>
<td>17,557</td>
</tr>
<tr>
<td>Cusk</td>
<td>41</td>
<td>19</td>
</tr>
<tr>
<td>Dolphinfish</td>
<td>5,448</td>
<td>2,471</td>
</tr>
<tr>
<td>Flounders</td>
<td>21,081</td>
<td>9,562</td>
</tr>
<tr>
<td>Groupers</td>
<td>913</td>
<td>414</td>
</tr>
<tr>
<td>Haddock</td>
<td>8,852</td>
<td>4,015</td>
</tr>
<tr>
<td>Hake</td>
<td>55,030</td>
<td>24,961</td>
</tr>
<tr>
<td>Halibut</td>
<td>12,173</td>
<td>5,521</td>
</tr>
<tr>
<td>Lingcod</td>
<td>132</td>
<td>60</td>
</tr>
<tr>
<td>Ocean perch:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Atlantic</td>
<td>1,189</td>
<td>539</td>
</tr>
<tr>
<td>Pacific</td>
<td>664</td>
<td>301</td>
</tr>
<tr>
<td>Pollock:</td>
<td></td>
<td></td>
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<tr>
<td>Atlantic</td>
<td>2,830</td>
<td>1,284</td>
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<tr>
<td>Alaska</td>
<td>364,445</td>
<td>165,311</td>
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<tr>
<td>Rockfishes</td>
<td>1,674</td>
<td>759</td>
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<tr>
<td>Sablefish</td>
<td>127</td>
<td>58</td>
</tr>
<tr>
<td>Salmon</td>
<td>68,443</td>
<td>31,046</td>
</tr>
<tr>
<td>Sea bass</td>
<td>536</td>
<td>243</td>
</tr>
<tr>
<td>Sea trout</td>
<td>123</td>
<td>56</td>
</tr>
<tr>
<td>Shark</td>
<td>267</td>
<td>121</td>
</tr>
<tr>
<td>Snapper</td>
<td>760</td>
<td>345</td>
</tr>
<tr>
<td>Striped bass</td>
<td>64</td>
<td>29</td>
</tr>
<tr>
<td>Swordfish</td>
<td>2,188</td>
<td>992</td>
</tr>
<tr>
<td>Tilapia</td>
<td>6,861</td>
<td>3,112</td>
</tr>
<tr>
<td>Tuna</td>
<td>10,008</td>
<td>4,540</td>
</tr>
<tr>
<td>Wahoo</td>
<td>444</td>
<td>201</td>
</tr>
<tr>
<td>Wolffish</td>
<td>136</td>
<td>62</td>
</tr>
<tr>
<td>Unclassified</td>
<td>38,282</td>
<td>17,365</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>642,860</strong></td>
<td><strong>291,599</strong></td>
</tr>
<tr>
<td>Steaks:</td>
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<td></td>
</tr>
<tr>
<td>Halibut</td>
<td>2,591</td>
<td>1,175</td>
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<tr>
<td>Salmon</td>
<td>167</td>
<td>76</td>
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<tr>
<td>Swordfish</td>
<td>1,542</td>
<td>699</td>
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<tr>
<td>Tuna</td>
<td>3,068</td>
<td>1,391</td>
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<tr>
<td>Unclassified</td>
<td>5,377</td>
<td>2,439</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>12,744</strong></td>
<td><strong>5,781</strong></td>
</tr>
<tr>
<td><strong>Grand total</strong></td>
<td><strong>655,604</strong></td>
<td><strong>297,380</strong></td>
</tr>
</tbody>
</table>

(1) Revised

Note:--Some fillet products were further processed into frozen blocks.
## PRODUCTION OF CANNED FISHERY PRODUCTS,
### BY SPECIES, 2008 AND 2009

<table>
<thead>
<tr>
<th>Species</th>
<th>2008 (1)</th>
<th>2009</th>
<th>2008 (1)</th>
<th>2009</th>
<th>2008 (1)</th>
<th>2009</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Pounds per case</td>
<td>Standard cases</td>
<td>Thousand pounds</td>
<td>Thousand dollars</td>
<td>Standard cases</td>
<td>Thousand pounds</td>
</tr>
<tr>
<td>For human consumption:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fish:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Herring:</td>
<td>23.4</td>
<td>(5)</td>
<td>(5)</td>
<td>(5)</td>
<td>(5)</td>
<td>(5)</td>
</tr>
<tr>
<td>Salmon:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chinook</td>
<td>44.25</td>
<td>696</td>
<td>31</td>
<td>279</td>
<td>673</td>
<td>30</td>
</tr>
<tr>
<td>Chum</td>
<td>44.25</td>
<td>135,867</td>
<td>6,012</td>
<td>6,283</td>
<td>73,426</td>
<td>3,249</td>
</tr>
<tr>
<td>Pink</td>
<td>44.25</td>
<td>1,772,506</td>
<td>78,433</td>
<td>113,968</td>
<td>2,078,138</td>
<td>91,958</td>
</tr>
<tr>
<td>Coho</td>
<td>44.25</td>
<td>8,834</td>
<td>391</td>
<td>2,095</td>
<td>8,673</td>
<td>384</td>
</tr>
<tr>
<td>Sockeye</td>
<td>44.25</td>
<td>882,771</td>
<td>39,063</td>
<td>102,634</td>
<td>1,046,255</td>
<td>46,297</td>
</tr>
<tr>
<td><strong>Total salmon</strong></td>
<td>2,800,673</td>
<td>123,930</td>
<td>225,258</td>
<td>3,207,166</td>
<td>141,917</td>
<td>322,285</td>
</tr>
<tr>
<td>Specialties</td>
<td>48</td>
<td>20,406</td>
<td>980</td>
<td>6,249</td>
<td>17,071</td>
<td>819</td>
</tr>
<tr>
<td>Sardines, Maine</td>
<td>23.4</td>
<td>(5)</td>
<td>(5)</td>
<td>(5)</td>
<td>(5)</td>
<td>(5)</td>
</tr>
<tr>
<td>Tuna:</td>
<td>(2)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Albacore:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Solid</td>
<td>18</td>
<td>8,369,433</td>
<td>150,650</td>
<td>342,636</td>
<td>7,377,583</td>
<td>132,797</td>
</tr>
<tr>
<td>Chunk</td>
<td>18</td>
<td>1,654,106</td>
<td>29,774</td>
<td>62,304</td>
<td>1,672,282</td>
<td>30,101</td>
</tr>
<tr>
<td><strong>Total albacore</strong></td>
<td>10,023,539</td>
<td>180,424</td>
<td>404,940</td>
<td>9,049,865</td>
<td>162,898</td>
<td>430,712</td>
</tr>
<tr>
<td>Lightmeat:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Solid</td>
<td>18</td>
<td>457,956</td>
<td>8,243</td>
<td>18,959</td>
<td>432,017</td>
<td>7,776</td>
</tr>
<tr>
<td>Chunk</td>
<td>18</td>
<td>15,848,556</td>
<td>285,274</td>
<td>421,042</td>
<td>11,058,550</td>
<td>199,054</td>
</tr>
<tr>
<td><strong>Total lightmeat</strong></td>
<td>16,306,512</td>
<td>293,517</td>
<td>440,001</td>
<td>11,490,567</td>
<td>206,830</td>
<td>326,299</td>
</tr>
<tr>
<td>Tuna</td>
<td>(2)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total tuna</td>
<td>26,330,051</td>
<td>473,941</td>
<td>844,941</td>
<td>20,540,432</td>
<td>369,728</td>
<td>757,010</td>
</tr>
<tr>
<td>Specialties</td>
<td>48</td>
<td>1,244</td>
<td>60</td>
<td>164</td>
<td>67</td>
<td>3</td>
</tr>
<tr>
<td>Other</td>
<td>48</td>
<td>169,988</td>
<td>8,159</td>
<td>14,749</td>
<td>145,252</td>
<td>6,972</td>
</tr>
<tr>
<td><strong>Total fish</strong></td>
<td>29,322,362</td>
<td>607,009</td>
<td>1,091,361</td>
<td>23,909,987</td>
<td>519,440</td>
<td>1,097,686</td>
</tr>
<tr>
<td>Shellfish:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Clam and clam products: (3)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Whole and minced</td>
<td>15</td>
<td>1,770,560</td>
<td>26,558</td>
<td>44,300</td>
<td>1,555,073</td>
<td>23,326</td>
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<tr>
<td>Chowder and juice</td>
<td>30</td>
<td>2,581,573</td>
<td>77,447</td>
<td>49,603</td>
<td>2,565,210</td>
<td>76,956</td>
</tr>
<tr>
<td>Specialties</td>
<td>48</td>
<td>26,315</td>
<td>1,263</td>
<td>1,505</td>
<td>2,608</td>
<td>125</td>
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<tr>
<td><strong>Total clams</strong></td>
<td>4,378,448</td>
<td>105,269</td>
<td>95,408</td>
<td>4,122,892</td>
<td>100,408</td>
<td>88,580</td>
</tr>
<tr>
<td>Crab meat and specialties</td>
<td>20</td>
<td>6,925</td>
<td>135</td>
<td>454</td>
<td>6,451</td>
<td>126</td>
</tr>
<tr>
<td>Oyster, specialties</td>
<td>48</td>
<td>154</td>
<td>7</td>
<td>133</td>
<td>46</td>
<td>2</td>
</tr>
<tr>
<td>Shrimp, natural (4)</td>
<td>6.75</td>
<td>(5)</td>
<td>(5)</td>
<td>(5)</td>
<td>(5)</td>
<td>(5)</td>
</tr>
<tr>
<td>Other</td>
<td>48</td>
<td>30,517</td>
<td>1,465</td>
<td>3,857</td>
<td>36,775</td>
<td>1,765</td>
</tr>
<tr>
<td><strong>Total shellfish</strong></td>
<td>4,416,044</td>
<td>106,876</td>
<td>99,853</td>
<td>4,166,164</td>
<td>102,301</td>
<td>93,746</td>
</tr>
<tr>
<td>Total for human consumption</td>
<td>33,738,405</td>
<td>713,945</td>
<td>1,191,214</td>
<td>28,076,151</td>
<td>621,740</td>
<td>1,191,431</td>
</tr>
<tr>
<td>For bait and animal food</td>
<td>48</td>
<td>12,534,967</td>
<td>601,678</td>
<td>231,273</td>
<td>6,493,773</td>
<td>311,701</td>
</tr>
<tr>
<td>Grand total</td>
<td>48</td>
<td>46,273,372</td>
<td>1,315,624</td>
<td>1,422,487</td>
<td>34,569,924</td>
<td>933,441</td>
</tr>
</tbody>
</table>

(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.’
### Production of Canned Fishery Products, 2000-2009

<table>
<thead>
<tr>
<th>Year</th>
<th>For human consumption</th>
<th>For animal food and bait</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Thousand pounds</td>
<td>Thousand Metric tons</td>
<td>Thousand dollars</td>
</tr>
<tr>
<td>2000</td>
<td>1,008,098</td>
<td>457,270</td>
<td>1,334,012</td>
</tr>
<tr>
<td>2001</td>
<td>858,388</td>
<td>389,362</td>
<td>1,110,426</td>
</tr>
<tr>
<td>2002</td>
<td>952,624</td>
<td>432,107</td>
<td>1,150,224</td>
</tr>
<tr>
<td>2003</td>
<td>858,065</td>
<td>389,216</td>
<td>1,075,916</td>
</tr>
<tr>
<td>2004</td>
<td>761,562</td>
<td>345,442</td>
<td>966,715</td>
</tr>
<tr>
<td>2005</td>
<td>802,229</td>
<td>363,889</td>
<td>1,081,457</td>
</tr>
<tr>
<td>2006</td>
<td>721,102</td>
<td>327,090</td>
<td>1,100,794</td>
</tr>
<tr>
<td>2007</td>
<td>698,831</td>
<td>316,988</td>
<td>1,090,070</td>
</tr>
<tr>
<td>2008</td>
<td>713,946</td>
<td>323,844</td>
<td>1,191,214</td>
</tr>
<tr>
<td>2009</td>
<td>621,741</td>
<td>282,020</td>
<td>1,191,432</td>
</tr>
</tbody>
</table>

**Total**

<table>
<thead>
<tr>
<th>Year</th>
<th>Thousand pounds</th>
<th>Thousand Metric tons</th>
<th>Thousand dollars</th>
</tr>
</thead>
<tbody>
<tr>
<td>2000</td>
<td>1,746,919</td>
<td>792,397</td>
<td>1,626,004</td>
</tr>
<tr>
<td>2001</td>
<td>1,634,086</td>
<td>741,217</td>
<td>1,400,367</td>
</tr>
<tr>
<td>2002</td>
<td>1,317,170</td>
<td>597,464</td>
<td>1,289,842</td>
</tr>
<tr>
<td>2003</td>
<td>1,295,274</td>
<td>587,532</td>
<td>1,238,607</td>
</tr>
<tr>
<td>2004</td>
<td>1,105,457</td>
<td>501,432</td>
<td>1,099,753</td>
</tr>
<tr>
<td>2005</td>
<td>1,082,497</td>
<td>491,017</td>
<td>1,210,672</td>
</tr>
<tr>
<td>2006</td>
<td>1,081,343</td>
<td>490,494</td>
<td>1,329,903</td>
</tr>
<tr>
<td>2007</td>
<td>1,069,863</td>
<td>485,287</td>
<td>1,323,684</td>
</tr>
<tr>
<td>2008</td>
<td>1,315,624</td>
<td>596,763</td>
<td>1,422,487</td>
</tr>
<tr>
<td>2009</td>
<td>933,442</td>
<td>423,407</td>
<td>1,407,418</td>
</tr>
</tbody>
</table>
### PRODUCTION OF MEAL AND OIL, 2008 AND 2009

<table>
<thead>
<tr>
<th>Product</th>
<th>2008</th>
<th>2009</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Thousand pounds</td>
<td>Metric tons</td>
</tr>
<tr>
<td>Dried scrap and meal:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fish</td>
<td>491,752</td>
<td>223,057</td>
</tr>
<tr>
<td>Shellfish</td>
<td>1,076</td>
<td>488</td>
</tr>
<tr>
<td>Total, scrap and meal</td>
<td>492,828</td>
<td>223,545</td>
</tr>
<tr>
<td>Body oil, total</td>
<td>190,023</td>
<td>86,194</td>
</tr>
</tbody>
</table>

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, 2000-2009

<table>
<thead>
<tr>
<th>Year</th>
<th>Scrap and meal</th>
<th>Marine animal oil</th>
<th>Meal and oil</th>
<th>Other industrial products</th>
<th>Grand total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Thousand pounds</td>
<td>Metric tons</td>
<td>Thousand pounds</td>
<td>Metric tons</td>
<td>Thousand dollars</td>
</tr>
<tr>
<td>2000</td>
<td>638,238</td>
<td>289,503</td>
<td>192,348</td>
<td>87,248</td>
<td>135,815</td>
</tr>
<tr>
<td>2001</td>
<td>643,989</td>
<td>292,111</td>
<td>279,416</td>
<td>126,742</td>
<td>173,908</td>
</tr>
<tr>
<td>2002</td>
<td>637,930</td>
<td>289,363</td>
<td>210,867</td>
<td>95,649</td>
<td>181,129</td>
</tr>
<tr>
<td>2003</td>
<td>602,833</td>
<td>273,443</td>
<td>195,699</td>
<td>88,768</td>
<td>168,446</td>
</tr>
<tr>
<td>2004</td>
<td>571,012</td>
<td>259,009</td>
<td>179,400</td>
<td>81,375</td>
<td>187,801</td>
</tr>
<tr>
<td>2005</td>
<td>565,169</td>
<td>256,359</td>
<td>157,680</td>
<td>71,523</td>
<td>154,335</td>
</tr>
<tr>
<td>2006</td>
<td>582,900</td>
<td>264,402</td>
<td>142,747</td>
<td>64,750</td>
<td>185,712</td>
</tr>
<tr>
<td>2007</td>
<td>563,221</td>
<td>255,475</td>
<td>152,205</td>
<td>69,040</td>
<td>277,874</td>
</tr>
<tr>
<td>2008</td>
<td>492,828</td>
<td>223,545</td>
<td>190,023</td>
<td>86,194</td>
<td>245,240</td>
</tr>
<tr>
<td>2009</td>
<td>560,116</td>
<td>254,067</td>
<td>168,157</td>
<td>76,276</td>
<td>262,333</td>
</tr>
</tbody>
</table>

Note: --Does not include the value of imported items that may be further processed.
IMPORTS
U.S. imports of edible fishery products in 2009 were valued at $13.1 billion, $1.05 billion less than in 2008. The quantity of edible imports was 5.2 billion pounds, 64.4 million pounds less than the quantity imported in 2008.

Edible imports consisted of 4.3 billion pounds of fresh and frozen products valued at $11.3 billion, 716.5 million pounds of canned products valued at $1.4 billion, 90.6 million pounds of cured products valued at $256.1 million, 6.4 million pounds of caviar and roe products valued at $28.0 million, and 51.4 million pounds of other products valued at $110.0 million.

The quantity of shrimp imported in 2009 was 1.2 billion pounds, 34.6 million pounds less than the quantity imported in 2008. Valued at $3.8 billion, shrimp imports accounted for 29 percent of the value of total edible imports. Imports of fresh and frozen salmon, including fillets, were 500.8 million pounds valued at $1.6 billion in 2009. Imports of fresh and frozen tuna were 319.8 million pounds, 52.3 million pounds less than the 372.1 million pounds imported in 2008. Imports of canned tuna were 398.0 million pounds, a 20.2 million pound increase over 2008. Imports of fresh and frozen fillets and steaks amounted to 1.3 billion pounds, a slight increase from 2008. Regular and minced block imports were 139.9 million pounds, a decrease of 2.2 million pounds from 2008.

Exports of nonedible fishery products were valued at $8.7 billion, a decrease of $5.6 billion compared with 2008. The total value of edible and nonedible fishery imports was $21.8 billion in 2009, $6.6 billion less than in 2008.

EXPORTS
U.S. exports of edible fishery products were 2.5 billion pounds valued at $4.0 billion, a decrease of 103.8 million pounds and $277.1 million when compared with 2008. Fresh and frozen exports were 2.2 billion pounds valued at $3.3 billion, a decrease of 50.2 million pounds and a decrease of $143.4 million compared with 2008. In terms of individual items, fresh and frozen exports consisted principally of 292.0 million pounds of salmon valued at $446.0 million, 191.5 million pounds of surimi valued at $212.7 million and 53.1 million pounds of lobsters valued at $328.3 million.

Canned items were 166.9 million pounds valued at $274.7 million. Salmon was the major canned item exported, with 97.3 million pounds valued at $194.1 million. Cured items were 5.1 million pounds valued at $15.5 million. Caviar and roe exports were 76.3 million pounds valued at $341.4 million.

Exports of nonedible products were valued at $15.7 billion, a decrease of $3.5 billion when compared with 2008. Exports of fish meal amounted to 174.6 million pounds valued at $78.7 million. The total value of edible and nonedible exports was $19.6 billion, a decrease of $3.7 billion compared with 2008.

U.S. Trade in Edible Fishery Products, 2009
### FISHERY PRODUCTS IMPORTS, BY PRINCIPAL ITEMS, 2008 AND 2009

<table>
<thead>
<tr>
<th>Item</th>
<th>2008</th>
<th>2009</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Edible fishery products:</strong></td>
<td>Thousand</td>
<td>Thousand</td>
</tr>
<tr>
<td><strong>Fresh and frozen:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Whole or eviscerated:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Freshwater</td>
<td>140,713</td>
<td>63,827</td>
</tr>
<tr>
<td>Flatfish</td>
<td>24,899</td>
<td>11,294</td>
</tr>
<tr>
<td>Groundfish</td>
<td>59,756</td>
<td>27,105</td>
</tr>
<tr>
<td>Salmon</td>
<td>201,267</td>
<td>91,294</td>
</tr>
<tr>
<td>Tuna (1)</td>
<td>372,051</td>
<td>168,761</td>
</tr>
<tr>
<td>Other</td>
<td>267,727</td>
<td>121,440</td>
</tr>
<tr>
<td><strong>Fillets and steaks:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Freshwater</td>
<td>422,620</td>
<td>191,699</td>
</tr>
<tr>
<td>Flatfish</td>
<td>58,936</td>
<td>26,733</td>
</tr>
<tr>
<td>Groundfish</td>
<td>198,405</td>
<td>89,996</td>
</tr>
<tr>
<td>Salmon</td>
<td>303,236</td>
<td>137,547</td>
</tr>
<tr>
<td>Other</td>
<td>242,052</td>
<td>109,794</td>
</tr>
<tr>
<td><strong>Blocks and slabs:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Surimi</td>
<td>5,452</td>
<td>2,473</td>
</tr>
<tr>
<td>Crabs</td>
<td>154,132</td>
<td>69,914</td>
</tr>
<tr>
<td>Crabmeat</td>
<td>19,938</td>
<td>9,044</td>
</tr>
<tr>
<td><strong>Lobster:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>American</td>
<td>67,637</td>
<td>30,880</td>
</tr>
<tr>
<td>Spiny</td>
<td>28,100</td>
<td>12,746</td>
</tr>
<tr>
<td><strong>Shrimp:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Whole</td>
<td>1,241,002</td>
<td>562,915</td>
</tr>
<tr>
<td>Scallops (meats)</td>
<td>55,904</td>
<td>25,538</td>
</tr>
<tr>
<td>Squid</td>
<td>129,780</td>
<td>58,868</td>
</tr>
<tr>
<td><strong>Other fish and shellfish:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total, fresh and frozen</td>
<td>4,362,654</td>
<td>1,978,887</td>
</tr>
<tr>
<td><strong>Canned:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Anchovy</td>
<td>7,158</td>
<td>3,247</td>
</tr>
<tr>
<td>Herring</td>
<td>6,246</td>
<td>2,833</td>
</tr>
<tr>
<td>Mackerel</td>
<td>23,719</td>
<td>10,759</td>
</tr>
<tr>
<td>Salmon</td>
<td>19,749</td>
<td>8,958</td>
</tr>
<tr>
<td>Sardines</td>
<td>55,931</td>
<td>25,370</td>
</tr>
<tr>
<td>Tuna</td>
<td>377,776</td>
<td>171,358</td>
</tr>
<tr>
<td>Clams</td>
<td>14,755</td>
<td>6,693</td>
</tr>
<tr>
<td>Crabmeat</td>
<td>70,064</td>
<td>31,781</td>
</tr>
<tr>
<td>Lobsters</td>
<td>196</td>
<td>89</td>
</tr>
<tr>
<td>Oysters</td>
<td>12,421</td>
<td>5,634</td>
</tr>
<tr>
<td>Shrimp</td>
<td>2,921</td>
<td>1,325</td>
</tr>
<tr>
<td>Balls, cakes, and puddings</td>
<td>30,651</td>
<td>13,903</td>
</tr>
<tr>
<td>Other fish and shellfish</td>
<td>85,583</td>
<td>38,820</td>
</tr>
<tr>
<td><strong>Total, canned</strong></td>
<td>707,170</td>
<td>320,770</td>
</tr>
<tr>
<td><strong>Cured:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dried</td>
<td>14,169</td>
<td>6,427</td>
</tr>
<tr>
<td>Pickled or salted</td>
<td>53,940</td>
<td>24,467</td>
</tr>
<tr>
<td>Smoked or kippered</td>
<td>24,553</td>
<td>11,137</td>
</tr>
<tr>
<td><strong>Total, cured</strong></td>
<td>92,662</td>
<td>42,031</td>
</tr>
<tr>
<td>Caviar and roe</td>
<td>7,496</td>
<td>3,400</td>
</tr>
<tr>
<td>Prepared meals</td>
<td>13,391</td>
<td>6,074</td>
</tr>
<tr>
<td>Other fish and shellfish</td>
<td>42,580</td>
<td>19,321</td>
</tr>
<tr>
<td><strong>Total edible products</strong></td>
<td>5,225,951</td>
<td>2,370,476</td>
</tr>
</tbody>
</table>

| Nonedible products: | Thousand | Thousand | Thousand | Thousand |
| Meal and scrap | 84,042 | 38,121 | 33,246 | 76,731 |
| Fish oils | 53,779 | 24,394 | 106,055 | 34,341 |
| Other | - | - | 14,146 | - |

(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, 2009, Current Fishery Statistics No. 2009-2 provides additional information.

### U.S. Imports from Major Exporters, 2009 by Volume

<table>
<thead>
<tr>
<th>Year</th>
<th>China</th>
<th>Other</th>
<th>Thailand</th>
<th>Chile</th>
<th>Ecuador</th>
<th>Indonesia</th>
<th>Canada</th>
<th>Peru</th>
</tr>
</thead>
<tbody>
<tr>
<td>2000</td>
<td>23%</td>
<td>28%</td>
<td>16%</td>
<td>4%</td>
<td>5%</td>
<td>5%</td>
<td>13%</td>
<td>4%</td>
</tr>
<tr>
<td>2001</td>
<td>23%</td>
<td>28%</td>
<td>16%</td>
<td>4%</td>
<td>5%</td>
<td>5%</td>
<td>13%</td>
<td>4%</td>
</tr>
<tr>
<td>2002</td>
<td>23%</td>
<td>28%</td>
<td>16%</td>
<td>4%</td>
<td>5%</td>
<td>5%</td>
<td>13%</td>
<td>4%</td>
</tr>
<tr>
<td>2003</td>
<td>23%</td>
<td>28%</td>
<td>16%</td>
<td>4%</td>
<td>5%</td>
<td>5%</td>
<td>13%</td>
<td>4%</td>
</tr>
<tr>
<td>2004</td>
<td>23%</td>
<td>28%</td>
<td>16%</td>
<td>4%</td>
<td>5%</td>
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<tr>
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<td>2007</td>
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### U.S. Fishery Product Imports

![Bar chart showing U.S. Fishery Product Imports from 2000 to 2009](chart.png)
### EDIBLE AND NONEDIBLE FISHERY PRODUCTS IMPORTS, 2009

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<tr>
<th>Continent and Country</th>
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<th>Thousand Nonedible</th>
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<td>8,217</td>
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<td>Other</td>
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<td>13,814</td>
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<td>20,540</td>
<td>112,625</td>
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<td>1,312,471</td>
<td>21,819,533</td>
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## REGULAR AND MINCED FISH BLOCKS AND SLABS IMPORTS, BY SPECIES AND TYPE, 2008 AND 2009

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<th>2009</th>
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<td>Metric</td>
</tr>
<tr>
<td></td>
<td>pounds</td>
<td>tons</td>
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<tr>
<td>Regular blocks and slabs:</td>
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<td>Flatfish</td>
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<td>Ocean perch</td>
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<td>27,921</td>
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<td><strong>50,829</strong></td>
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<tr>
<td>Minced blocks and slabs</td>
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<td>13,620</td>
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<td><strong>Grand total</strong></td>
<td><strong>142,084</strong></td>
<td><strong>64,449</strong></td>
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</table>

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

## REGULAR AND MINCED FISH BLOCKS AND SLABS IMPORTS, BY COUNTRY OF ORIGIN, 2008 AND 2009

<table>
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<tr>
<th>Country</th>
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<th>2009</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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<td>Metric</td>
</tr>
<tr>
<td></td>
<td>pounds</td>
<td>tons</td>
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<td>Philippines</td>
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Source: U.S. Department of Commerce, U.S. Census Bureau

## GROUNDFISH FILLET AND STEAK IMPORTS, BY SPECIES, 2008 AND 2009 (1)

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<td></td>
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<td>Pollock (2)</td>
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<td><strong>Total</strong></td>
<td><strong>198,405</strong></td>
<td><strong>89,996</strong></td>
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(1) Does not include data on fish blocks and slabs.
(2) Includes some quantities of cusk fillets.

Source: U.S. Department of Commerce, U.S. Census Bureau
CANNED TUNA NOT IN OIL, QUOTA AND IMPORTS, 2000-2009

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<th>Quota (1)</th>
<th>Over quota (2)</th>
<th>Total</th>
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<td></td>
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<td>pounds</td>
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<tr>
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<td>28,306</td>
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<td>501,655</td>
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</table>

(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 present, 6 percent.

(2) Dutiable in 1972 to present, 12.5 percent.

Note:—Data in this table will not agree with tuna import data released by the U.S. Department of Commerce, U.S. Census Bureau.


CANNED TUNA, BY COUNTRY OF ORIGIN, 2008 AND 2009

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<th>2009</th>
<th>2009</th>
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<td>Metric</td>
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<td></td>
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<td>dollars</td>
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<td>95,225</td>
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<td>Trinidad and Tobago</td>
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<td>385</td>
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### SHRIMP IMPORTS, BY COUNTRY OF ORIGIN, 2008 AND 2009

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<td>340,272</td>
<td>90,653</td>
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<td><strong>20</strong></td>
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<td><strong>875,405</strong></td>
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<td><strong>564,239</strong></td>
<td><strong>4,092,737</strong></td>
<td><strong>1,209,307</strong></td>
<td><strong>548,538</strong></td>
<td><strong>3,756,484</strong></td>
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Note: Statistics on imports are the weights of the individual products as received, i.e., raw headless, peeled, etc.
### SHRIMP IMPORTS, BY TYPE OF PRODUCT, 2008 AND 2009

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<th>Type of product</th>
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<td>Metric tons</td>
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<td>Shell-on (heads off)</td>
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<tr>
<td>Canned</td>
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<tr>
<td>Raw</td>
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<td>Other</td>
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<td>Total</td>
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### SHRIMP IMPORTS, BY MAJOR EXPORTER, 2009

- **Other**: 15%
- **India**: 4%
- **Mexico**: 7%
- **Viet Nam**: 8%
- **China**: 8%
- **Ecuador**: 11%
- **Indonesia**: 13%
- **Thailand**: 34%
- **Peeled other**: 18%
- **Shell-on**: 41%
- **Peeled raw**: 34%

### FISH MEAL AND SCRAP IMPORTS, BY COUNTRY OF ORIGIN, 2008 AND 2009

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<th>Country</th>
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<th>2009</th>
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<tr>
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<td>Thousand pounds</td>
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## FISHERY PRODUCTS EXPORTS, BY PRINCIPAL ITEMS, 2008 AND 2009 (1)

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<th>2009</th>
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</tr>
<tr>
<td>Whole or eviscerated:</td>
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(1) Figures reflect both domestic and foreign (re-exports).
Foreign Trade

Exports

EDIBLE AND NONEDIBLE FISHERY PRODUCTS EXPORTS, 2000-2009 (1)

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<th>Nonedible</th>
<th>Total</th>
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<td>pounds</td>
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<td>3,979,693</td>
<td>15,655,966</td>
<td>19,635,659</td>
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</table>

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

U.S. Exports to Major Areas, 2009
by Volume

- Asia (58%)
- North America (15%)
- Africa (2%)
- South America (1%)
- Europe (22%)
- Oceania (2%)

U.S. Exports to Major Importers, 2009
by Volume

- China (24%)
- Japan (18%)
- Other (31%)
- Netherlands (4%)
- Germany (3%)
- South Korea (8%)
- Canada (12%)

U.S. fishery product exports

<table>
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<tr>
<th>Year</th>
<th>Thousand dollars</th>
</tr>
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<tr>
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<td>2,164,994</td>
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<tr>
<td>2001</td>
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## EDIBLE AND NONEDIBLE FISHERY PRODUCTS EXPORTS, 2009 (1)

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<th>Edible Metric Thousand</th>
<th>Nonedible Thousand</th>
<th>Total Thousand</th>
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<td></td>
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(1) Figures reflect both domestic and foreign (re-exports).
FRESH AND FROZEN SHRIMP EXPORTS, BY COUNTRY OF DESTINATION, 2008 AND 2009 (1)

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<th>2009</th>
</tr>
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<td>Thousand dollars</td>
<td>Thousand pounds</td>
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<td>Other</td>
<td>7,187</td>
<td>3,260</td>
<td>29,994</td>
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<tr>
<td><strong>Total</strong></td>
<td>25,767</td>
<td>11,688</td>
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<td>21,647</td>
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</table>

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

U.S. Shrimp Exports by Major Importer, 2009 by Volume

- Canada: 31%
- Mexico: 12%
- Indonesia: 4%
- Japan: 3%
- Thailand: 4%
- Other: 46%

U.S. Lobster Exports by Major Importer, 2009 by Volume

- Canada: 51%
- Italy: 15%
- Spain: 14%
- France: 9%
- Other: 9%

FRESH AND FROZEN LOBSTER EXPORTS, BY COUNTRY OF DESTINATION, 2008 AND 2009 (1)

<table>
<thead>
<tr>
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<th>2008</th>
<th>2009</th>
</tr>
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<td>Thousand</td>
<td>Thousand</td>
</tr>
<tr>
<td></td>
<td>pounds</td>
<td>tons</td>
<td>dollars</td>
<td>pounds</td>
</tr>
<tr>
<td>Canada</td>
<td>29,423</td>
<td>13,346</td>
<td>137,044</td>
<td>26,923</td>
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(1) Figures reflect both domestic and foreign (re-exports).
### FRESH AND FROZEN SALMON EXPORTS, WHOLE OR EVISCERATED, BY COUNTRY OF DESTINATION, 2008 AND 2009 (1)

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


### CANNED SALMON EXPORTS, BY COUNTRY OF DESTINATION, 2008 AND 2009 (1)

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<td><strong>97,344</strong></td>
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(1) Figures reflect both domestic and foreign (re-exports).


### FROZEN SURIMI EXPORTS, BY COUNTRY OF DESTINATION, 2008 AND 2009 (1)

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<td>pounds</td>
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<td><strong>229,652</strong></td>
<td><strong>191,540</strong></td>
<td><strong>86,882</strong></td>
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</table>

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

FRESH AND FROZEN CRAB EXPORTS,
BY COUNTRY OF DESTINATION, 2008 AND 2009 (1)

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<td></td>
<td>Thousand</td>
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</tr>
<tr>
<td></td>
<td>pounds</td>
<td>tons</td>
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<tr>
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<td>4,686</td>
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<tr>
<td>Canada</td>
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<td>8</td>
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<td>Mexico</td>
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(1) Figures reflect both domestic and foreign (re-exports).

FRESH AND FROZEN CRABMEAT EXPORTS,
BY COUNTRY OF DESTINATION, 2008 AND 2009 (1)

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(1) Figures reflect both domestic and foreign (re-exports).
### FISH MEAL EXPORTS, 
BY COUNTRY OF DESTINATION, 2008 AND 2009 (1)

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<td>28,994</td>
<td>65,452</td>
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<td><strong>76,471</strong></td>
<td><strong>174,613</strong></td>
<td><strong>79,204</strong></td>
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</table>

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

### FISH AND MARINE ANIMAL OIL EXPORTS,  
BY COUNTRY OF DESTINATION, 2008 AND 2009 (1)

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<td>994</td>
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<td>10,851</td>
<td>4,922</td>
<td>9,033</td>
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<td><strong>Total</strong></td>
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<td><strong>57,989</strong></td>
<td><strong>100,827</strong></td>
<td><strong>111,939</strong></td>
<td><strong>50,775</strong></td>
<td><strong>58,913</strong></td>
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(1) Figures reflect both domestic and foreign (re-exports).  
## U.S. SUPPLY OF EDIBLE AND INDUSTRIAL FISHERY PRODUCTS, 2000-2009
(Round weight)

<table>
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<tr>
<th>Year</th>
<th>Domestic commercial landings (1)</th>
<th>Imports</th>
<th>Exports</th>
<th>Total</th>
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<td>8,627</td>
<td>7,107</td>
<td>11,012</td>
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<tr>
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<td>9,397</td>
<td>9,631</td>
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<tr>
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<td>9,507</td>
<td>10,343</td>
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<tr>
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<td>9,707</td>
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<tr>
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<td>7,710</td>
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<td>9,309</td>
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<td>10,869</td>
<td>5,738</td>
<td>12,998</td>
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(1) Preliminary.
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, 2000-2009
(Round weight)

<table>
<thead>
<tr>
<th>Year</th>
<th>Domestic commercial landings (1)</th>
<th>Imports</th>
<th>Exports</th>
<th>Total</th>
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<td>4,587</td>
<td>10,153</td>
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<td>7,314</td>
<td>7,992</td>
<td>5,774</td>
<td>9,532</td>
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<tr>
<td>2002</td>
<td>7,205</td>
<td>8,802</td>
<td>5,587</td>
<td>10,420</td>
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<td>7,521</td>
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<td>2005</td>
<td>7,997</td>
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</tr>
<tr>
<td>2009</td>
<td>6,035</td>
<td>10,439</td>
<td>4,760</td>
<td>11,714</td>
</tr>
</tbody>
</table>

(1) Preliminary.

## U.S. SUPPLY OF INDUSTRIAL FISHERY PRODUCTS, 2000-2009
(Round weight)

<table>
<thead>
<tr>
<th>Year</th>
<th>Domestic commercial landings (1)</th>
<th>Imports</th>
<th>Exports</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>2000</td>
<td>2,157</td>
<td>443</td>
<td>1,171</td>
<td>1,429</td>
</tr>
<tr>
<td>2001</td>
<td>2,178</td>
<td>635</td>
<td>1,333</td>
<td>1,480</td>
</tr>
<tr>
<td>2002</td>
<td>2,192</td>
<td>829</td>
<td>1,392</td>
<td>1,629</td>
</tr>
<tr>
<td>2003</td>
<td>1,986</td>
<td>677</td>
<td>1,364</td>
<td>1,299</td>
</tr>
<tr>
<td>2004</td>
<td>1,889</td>
<td>875</td>
<td>1,741</td>
<td>1,023</td>
</tr>
<tr>
<td>2005</td>
<td>1,710</td>
<td>747</td>
<td>2,035</td>
<td>422</td>
</tr>
<tr>
<td>2006</td>
<td>1,641</td>
<td>725</td>
<td>1,459</td>
<td>907</td>
</tr>
<tr>
<td>2007</td>
<td>1,819</td>
<td>489</td>
<td>1,296</td>
<td>1,012</td>
</tr>
<tr>
<td>2008</td>
<td>1,692</td>
<td>471</td>
<td>1,100</td>
<td>1,063</td>
</tr>
<tr>
<td>2009</td>
<td>1,833</td>
<td>430</td>
<td>978</td>
<td>1,285</td>
</tr>
</tbody>
</table>

(1) Preliminary.
## U.S. Supply of Commercial Finfish and Shellfish, 2008 and 2009

<table>
<thead>
<tr>
<th>Item</th>
<th>Domestic commercial landings</th>
<th>Imports</th>
<th>Exports</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2008</td>
<td>2009</td>
<td>2008</td>
<td>2009</td>
</tr>
<tr>
<td><strong>Edible</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Finfish</td>
<td>5,590,246</td>
<td>4,799,669</td>
<td>6,704,894</td>
<td>6,770,870</td>
</tr>
<tr>
<td>Shellfish, et al</td>
<td>1,043,232</td>
<td>1,234,969</td>
<td>3,698,740</td>
<td>3,667,690</td>
</tr>
<tr>
<td><strong>Subtotal</strong></td>
<td>6,633,478</td>
<td>6,034,638</td>
<td>10,403,634</td>
<td>10,438,560</td>
</tr>
<tr>
<td><strong>Industrial</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Finfish</td>
<td>1,667,824</td>
<td>1,802,181</td>
<td>470,633</td>
<td>429,694</td>
</tr>
<tr>
<td>Shellfish, et al</td>
<td>24,512</td>
<td>30,514</td>
<td>(1)</td>
<td>(1)</td>
</tr>
<tr>
<td><strong>Subtotal</strong></td>
<td>1,692,336</td>
<td>1,832,695</td>
<td>470,633</td>
<td>429,694</td>
</tr>
<tr>
<td><strong>Total:</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Finfish</td>
<td>7,258,070</td>
<td>6,601,850</td>
<td>7,175,527</td>
<td>7,200,564</td>
</tr>
<tr>
<td>Shellfish, et al</td>
<td>1,067,744</td>
<td>1,265,483</td>
<td>3,698,740</td>
<td>3,667,690</td>
</tr>
<tr>
<td><strong>Grand total</strong></td>
<td>8,325,814</td>
<td>7,867,333</td>
<td>10,874,267</td>
<td>10,868,254</td>
</tr>
</tbody>
</table>

(1) Not available.

**NOTE:** Total landings shown in this table may not agree with landings reported in other tables due to rounding.
### U.S. SUPPLY OF ALL FILLETS AND STEAKS, 2000-2009
(Edible weight)

<table>
<thead>
<tr>
<th>Year</th>
<th>U.S. production (1)</th>
<th>Imports</th>
<th>Total</th>
<th>Exports</th>
<th>Total supply</th>
</tr>
</thead>
<tbody>
<tr>
<td>2000</td>
<td>367,680</td>
<td>734,711</td>
<td>1,102,391</td>
<td>87,511</td>
<td>1,014,880</td>
</tr>
<tr>
<td>2001</td>
<td>479,870</td>
<td>795,525</td>
<td>1,275,395</td>
<td>235,570</td>
<td>1,039,825</td>
</tr>
<tr>
<td>2002</td>
<td>519,099</td>
<td>922,543</td>
<td>1,441,642</td>
<td>220,038</td>
<td>1,221,604</td>
</tr>
<tr>
<td>2003</td>
<td>612,455</td>
<td>993,020</td>
<td>1,605,475</td>
<td>215,682</td>
<td>1,389,893</td>
</tr>
<tr>
<td>2004</td>
<td>566,576</td>
<td>1,069,103</td>
<td>1,635,679</td>
<td>294,334</td>
<td>1,341,345</td>
</tr>
<tr>
<td>2005</td>
<td>615,405</td>
<td>1,146,544</td>
<td>1,761,949</td>
<td>252,986</td>
<td>1,508,963</td>
</tr>
<tr>
<td>2006</td>
<td>630,930</td>
<td>1,213,316</td>
<td>1,844,246</td>
<td>266,788</td>
<td>1,577,458</td>
</tr>
<tr>
<td>2007</td>
<td>632,196</td>
<td>1,255,476</td>
<td>1,887,672</td>
<td>324,237</td>
<td>1,563,435</td>
</tr>
<tr>
<td>2008</td>
<td>655,604</td>
<td>1,255,249</td>
<td>1,910,853</td>
<td>308,119</td>
<td>1,602,734</td>
</tr>
<tr>
<td>2009</td>
<td>507,602</td>
<td>1,250,960</td>
<td>1,758,562</td>
<td>316,308</td>
<td>1,442,254</td>
</tr>
</tbody>
</table>

(1) Includes fillets used to produce blocks.

---

### U.S. Supply of Fillets and Steaks

**Thousand pounds**

**U.S. SUPPLY OF GROUNDFISH FILLETS AND STEAKS, 2000-2009**
(Edible weight)

<table>
<thead>
<tr>
<th>Year</th>
<th>U.S. production (1)</th>
<th>Imports</th>
<th>Total</th>
<th>Exports (2)</th>
<th>Total supply</th>
</tr>
</thead>
<tbody>
<tr>
<td>2000</td>
<td>233,186</td>
<td>224,955</td>
<td>458,141</td>
<td>52,145</td>
<td>405,996</td>
</tr>
<tr>
<td>2001</td>
<td>336,822</td>
<td>194,684</td>
<td>531,506</td>
<td>162,353</td>
<td>369,153</td>
</tr>
<tr>
<td>2002</td>
<td>382,712</td>
<td>231,450</td>
<td>614,162</td>
<td>177,501</td>
<td>436,661</td>
</tr>
<tr>
<td>2003</td>
<td>465,416</td>
<td>232,894</td>
<td>698,310</td>
<td>167,924</td>
<td>530,386</td>
</tr>
<tr>
<td>2004</td>
<td>455,259</td>
<td>255,974</td>
<td>711,233</td>
<td>237,599</td>
<td>473,634</td>
</tr>
<tr>
<td>2005</td>
<td>486,007</td>
<td>271,355</td>
<td>757,362</td>
<td>185,786</td>
<td>571,576</td>
</tr>
<tr>
<td>2006</td>
<td>499,698</td>
<td>269,248</td>
<td>768,946</td>
<td>207,790</td>
<td>561,156</td>
</tr>
<tr>
<td>2007</td>
<td>483,267</td>
<td>215,350</td>
<td>698,617</td>
<td>261,743</td>
<td>436,874</td>
</tr>
<tr>
<td>2008</td>
<td>471,758</td>
<td>198,405</td>
<td>670,163</td>
<td>222,398</td>
<td>447,765</td>
</tr>
<tr>
<td>2009</td>
<td>367,375</td>
<td>205,314</td>
<td>572,689</td>
<td>209,596</td>
<td>363,093</td>
</tr>
</tbody>
</table>

(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, 2000-2009

#### U.S. Commercial Landings (1)

<table>
<thead>
<tr>
<th>Year</th>
<th>For Canning</th>
<th>Other</th>
<th>Total</th>
<th>Imports For Canning</th>
<th>Other</th>
<th>Total</th>
<th>Exports Total</th>
<th>Total Supply</th>
</tr>
</thead>
<tbody>
<tr>
<td>2000</td>
<td>281,982</td>
<td>54,668</td>
<td>336,650</td>
<td>550,552</td>
<td>107,116</td>
<td>657,668</td>
<td>16,775</td>
<td>977,543</td>
</tr>
<tr>
<td>2001</td>
<td>230,990</td>
<td>100,145</td>
<td>331,135</td>
<td>434,358</td>
<td>124,423</td>
<td>558,781</td>
<td>30,569</td>
<td>859,347</td>
</tr>
<tr>
<td>2002</td>
<td>272,086</td>
<td>68,824</td>
<td>340,910</td>
<td>424,894</td>
<td>112,925</td>
<td>537,819</td>
<td>33,735</td>
<td>844,994</td>
</tr>
<tr>
<td>2003</td>
<td>169,054</td>
<td>80,468</td>
<td>249,522</td>
<td>534,690</td>
<td>146,781</td>
<td>681,471</td>
<td>44,516</td>
<td>886,477</td>
</tr>
<tr>
<td>2004</td>
<td>148,160</td>
<td>72,803</td>
<td>220,963</td>
<td>466,394</td>
<td>140,546</td>
<td>606,940</td>
<td>41,407</td>
<td>786,496</td>
</tr>
<tr>
<td>2005</td>
<td>156,930</td>
<td>19,279</td>
<td>176,209</td>
<td>468,308</td>
<td>155,138</td>
<td>623,446</td>
<td>30,373</td>
<td>769,282</td>
</tr>
<tr>
<td>2006</td>
<td>114,570</td>
<td>87,739</td>
<td>202,309</td>
<td>492,778</td>
<td>168,566</td>
<td>661,344</td>
<td>30,080</td>
<td>833,573</td>
</tr>
<tr>
<td>2007</td>
<td>124,366</td>
<td>84,138</td>
<td>208,504</td>
<td>450,356</td>
<td>223,645</td>
<td>674,001</td>
<td>39,266</td>
<td>843,239</td>
</tr>
<tr>
<td>2008</td>
<td>176,456</td>
<td>122,300</td>
<td>298,756</td>
<td>430,884</td>
<td>151,240</td>
<td>582,124</td>
<td>40,720</td>
<td>840,160</td>
</tr>
<tr>
<td>2009</td>
<td>125,176</td>
<td>314,050</td>
<td>439,226</td>
<td>392,920</td>
<td>164,968</td>
<td>557,888</td>
<td>45,978</td>
<td>951,136</td>
</tr>
</tbody>
</table>

(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

**Thousand pounds**

![Graph showing the supply of fresh and frozen tuna from 2000 to 2009](image_url)
### U.S. SUPPLY OF CANNED SARDINES, 2000-2009

<table>
<thead>
<tr>
<th>Year</th>
<th>U.S. pack</th>
<th>Imports</th>
<th>Total</th>
<th>Exports</th>
<th>Total supply</th>
</tr>
</thead>
<tbody>
<tr>
<td>2000</td>
<td>(1)</td>
<td>62,236</td>
<td>NA</td>
<td>9,306</td>
<td>NA</td>
</tr>
<tr>
<td>2001</td>
<td>(1)</td>
<td>54,758</td>
<td>NA</td>
<td>21,248</td>
<td>NA</td>
</tr>
<tr>
<td>2002</td>
<td>(1)</td>
<td>48,986</td>
<td>NA</td>
<td>35,692</td>
<td>NA</td>
</tr>
<tr>
<td>2003</td>
<td>(1)</td>
<td>54,341</td>
<td>NA</td>
<td>30,042</td>
<td>NA</td>
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<tr>
<td>2004</td>
<td>(1)</td>
<td>54,914</td>
<td>NA</td>
<td>24,899</td>
<td>NA</td>
</tr>
<tr>
<td>2005</td>
<td>(1)</td>
<td>50,349</td>
<td>NA</td>
<td>43,596</td>
<td>NA</td>
</tr>
<tr>
<td>2006</td>
<td>(1)</td>
<td>50,247</td>
<td>NA</td>
<td>27,123</td>
<td>NA</td>
</tr>
<tr>
<td>2007</td>
<td>(1)</td>
<td>51,607</td>
<td>NA</td>
<td>30,110</td>
<td>NA</td>
</tr>
<tr>
<td>2008</td>
<td>(1)</td>
<td>55,931</td>
<td>NA</td>
<td>33,380</td>
<td>NA</td>
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<tr>
<td>2009</td>
<td>(1)</td>
<td>61,835</td>
<td>NA</td>
<td>32,899</td>
<td>NA</td>
</tr>
</tbody>
</table>

(1) Data are confidential  
NA Not available

### U.S. SUPPLY OF CANNED SALMON, 2000-2009

<table>
<thead>
<tr>
<th>Year</th>
<th>U.S. pack</th>
<th>Imports</th>
<th>Total</th>
<th>Exports</th>
<th>Total supply</th>
</tr>
</thead>
<tbody>
<tr>
<td>2000</td>
<td>171,125</td>
<td>5,161</td>
<td>176,286</td>
<td>81,006</td>
<td>95,280</td>
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<td>184,687</td>
<td>6,362</td>
<td>191,049</td>
<td>110,076</td>
<td>80,973</td>
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<tr>
<td>2002</td>
<td>223,708</td>
<td>10,013</td>
<td>233,721</td>
<td>98,563</td>
<td>135,158</td>
</tr>
<tr>
<td>2003</td>
<td>188,070</td>
<td>18,263</td>
<td>206,333</td>
<td>95,715</td>
<td>110,618</td>
</tr>
<tr>
<td>2004</td>
<td>199,351</td>
<td>16,960</td>
<td>216,311</td>
<td>118,367</td>
<td>97,944</td>
</tr>
<tr>
<td>2005</td>
<td>218,889</td>
<td>18,252</td>
<td>237,141</td>
<td>114,569</td>
<td>122,572</td>
</tr>
<tr>
<td>2006</td>
<td>151,709</td>
<td>20,024</td>
<td>171,733</td>
<td>115,633</td>
<td>56,100</td>
</tr>
<tr>
<td>2007</td>
<td>142,449</td>
<td>22,289</td>
<td>164,738</td>
<td>114,203</td>
<td>50,535</td>
</tr>
<tr>
<td>2008</td>
<td>123,930</td>
<td>19,749</td>
<td>143,679</td>
<td>117,876</td>
<td>25,803</td>
</tr>
<tr>
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<td>141,917</td>
<td>22,789</td>
<td>164,706</td>
<td>97,342</td>
<td>67,364</td>
</tr>
</tbody>
</table>

### U.S. SUPPLY OF CANNED TUNA, 2000-2009

<table>
<thead>
<tr>
<th>Year</th>
<th>U.S. pack</th>
<th>Imports</th>
<th>Total</th>
<th>Exports</th>
<th>Total supply</th>
</tr>
</thead>
<tbody>
<tr>
<td>2000</td>
<td>671,341</td>
<td>312,967</td>
<td>984,308</td>
<td>4,178</td>
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</tr>
<tr>
<td>2001</td>
<td>507,400</td>
<td>292,202</td>
<td>799,602</td>
<td>3,521</td>
<td>796,081</td>
</tr>
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<td>2002</td>
<td>546,970</td>
<td>101,429</td>
<td>648,399</td>
<td>3,589</td>
<td>644,810</td>
</tr>
<tr>
<td>2003</td>
<td>529,310</td>
<td>18,263</td>
<td>547,573</td>
<td>6,263</td>
<td>541,310</td>
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<tr>
<td>2004</td>
<td>434,120</td>
<td>18,252</td>
<td>452,372</td>
<td>3,120</td>
<td>449,252</td>
</tr>
<tr>
<td>2005</td>
<td>446,102</td>
<td>18,252</td>
<td>464,354</td>
<td>3,005</td>
<td>461,349</td>
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<tr>
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<td>444,738</td>
<td>18,252</td>
<td>463,086</td>
<td>6,444</td>
<td>456,642</td>
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<td>2007</td>
<td>436,297</td>
<td>18,252</td>
<td>454,549</td>
<td>3,120</td>
<td>451,429</td>
</tr>
<tr>
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<td>473,941</td>
<td>18,252</td>
<td>492,193</td>
<td>3,743</td>
<td>488,450</td>
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<tr>
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<td>369,728</td>
<td>18,252</td>
<td>387,980</td>
<td>4,969</td>
<td>382,911</td>
</tr>
</tbody>
</table>
Supply of Fishery Products

### U.S. SUPPLY OF KING CRAB, 2000-2009

**(Round weight)**

<table>
<thead>
<tr>
<th>Year</th>
<th>U.S. commercial landings</th>
<th>Imports (1)</th>
<th>Total</th>
<th>Exports (1)</th>
<th>Total supply</th>
</tr>
</thead>
<tbody>
<tr>
<td>2000</td>
<td>15,098</td>
<td>40,233</td>
<td>55,331</td>
<td>14,578</td>
<td>40,753</td>
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<tr>
<td>2001</td>
<td>16,054</td>
<td>37,731</td>
<td>54,785</td>
<td>15,416</td>
<td>38,369</td>
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<tr>
<td>2002</td>
<td>16,793</td>
<td>42,775</td>
<td>59,568</td>
<td>13,045</td>
<td>46,523</td>
</tr>
<tr>
<td>2003</td>
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<td>40,456</td>
<td>63,342</td>
<td>16,604</td>
<td>46,738</td>
</tr>
<tr>
<td>2004</td>
<td>22,074</td>
<td>43,767</td>
<td>65,841</td>
<td>14,297</td>
<td>51,544</td>
</tr>
<tr>
<td>2005</td>
<td>23,939</td>
<td>72,481</td>
<td>96,420</td>
<td>18,543</td>
<td>77,877</td>
</tr>
<tr>
<td>2006</td>
<td>21,641</td>
<td>110,793</td>
<td>132,434</td>
<td>22,504</td>
<td>109,930</td>
</tr>
<tr>
<td>2007</td>
<td>25,939</td>
<td>124,503</td>
<td>150,442</td>
<td>16,880</td>
<td>133,562</td>
</tr>
<tr>
<td>2008</td>
<td>27,208</td>
<td>64,409</td>
<td>91,617</td>
<td>20,977</td>
<td>70,640</td>
</tr>
<tr>
<td>2009</td>
<td>22,391</td>
<td>64,205</td>
<td>86,596</td>
<td>24,504</td>
<td>62,092</td>
</tr>
</tbody>
</table>

(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, 2000-2009

**(Round weight)**

<table>
<thead>
<tr>
<th>Year</th>
<th>U.S. commercial landings</th>
<th>Imports (1)</th>
<th>Total</th>
<th>Exports (2)</th>
<th>Total supply</th>
</tr>
</thead>
<tbody>
<tr>
<td>2000</td>
<td>34,497</td>
<td>119,443</td>
<td>153,940</td>
<td>32,239</td>
<td>121,701</td>
</tr>
<tr>
<td>2001</td>
<td>26,844</td>
<td>172,581</td>
<td>199,425</td>
<td>28,589</td>
<td>170,836</td>
</tr>
<tr>
<td>2002</td>
<td>33,238</td>
<td>175,470</td>
<td>208,708</td>
<td>36,351</td>
<td>172,357</td>
</tr>
<tr>
<td>2003</td>
<td>28,818</td>
<td>190,778</td>
<td>219,596</td>
<td>21,405</td>
<td>198,191</td>
</tr>
<tr>
<td>2004</td>
<td>25,209</td>
<td>181,885</td>
<td>207,094</td>
<td>39,492</td>
<td>167,602</td>
</tr>
<tr>
<td>2005</td>
<td>28,383</td>
<td>165,944</td>
<td>194,327</td>
<td>23,299</td>
<td>171,028</td>
</tr>
<tr>
<td>2006</td>
<td>42,521</td>
<td>173,041</td>
<td>215,562</td>
<td>28,180</td>
<td>187,382</td>
</tr>
<tr>
<td>2007</td>
<td>38,283</td>
<td>182,350</td>
<td>220,633</td>
<td>12,369</td>
<td>208,264</td>
</tr>
<tr>
<td>2008</td>
<td>66,078</td>
<td>160,834</td>
<td>226,912</td>
<td>30,220</td>
<td>196,692</td>
</tr>
<tr>
<td>2009</td>
<td>61,530</td>
<td>195,030</td>
<td>256,560</td>
<td>32,751</td>
<td>223,809</td>
</tr>
</tbody>
</table>

(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.

### U.S. SUPPLY OF CANNED CRABMEAT, 2000-2009

**(Canned weight)**

<table>
<thead>
<tr>
<th>Year</th>
<th>U.S. pack</th>
<th>Imports</th>
<th>Total</th>
<th>Exports</th>
<th>Total supply</th>
</tr>
</thead>
<tbody>
<tr>
<td>2000</td>
<td>31</td>
<td>31,246</td>
<td>31,277</td>
<td>2,586</td>
<td>28,691</td>
</tr>
<tr>
<td>2001</td>
<td>6</td>
<td>36,923</td>
<td>36,929</td>
<td>1,931</td>
<td>34,998</td>
</tr>
<tr>
<td>2002</td>
<td>21</td>
<td>45,294</td>
<td>45,315</td>
<td>1,186</td>
<td>44,129</td>
</tr>
<tr>
<td>2003</td>
<td>16</td>
<td>47,282</td>
<td>47,298</td>
<td>732</td>
<td>46,566</td>
</tr>
<tr>
<td>2004</td>
<td>16</td>
<td>57,551</td>
<td>57,567</td>
<td>1,870</td>
<td>55,697</td>
</tr>
<tr>
<td>2005</td>
<td>6</td>
<td>61,067</td>
<td>61,073</td>
<td>2,346</td>
<td>58,727</td>
</tr>
<tr>
<td>2006</td>
<td>10</td>
<td>60,999</td>
<td>61,009</td>
<td>2,729</td>
<td>58,280</td>
</tr>
<tr>
<td>2007</td>
<td>5</td>
<td>67,306</td>
<td>67,311</td>
<td>1,265</td>
<td>66,046</td>
</tr>
<tr>
<td>2008</td>
<td>20</td>
<td>70,064</td>
<td>70,084</td>
<td>2,504</td>
<td>67,580</td>
</tr>
<tr>
<td>2009</td>
<td>11</td>
<td>60,957</td>
<td>60,968</td>
<td>2,191</td>
<td>58,777</td>
</tr>
</tbody>
</table>
Supply of Fishery Products

### U.S. SUPPLY OF AMERICAN LOBSTERS, 2000-2009

**(Round weight)**

<table>
<thead>
<tr>
<th>Year</th>
<th>U.S. commercial landings</th>
<th>Imports (1)</th>
<th>Total</th>
<th>Exports (2)</th>
<th>Total supply</th>
</tr>
</thead>
<tbody>
<tr>
<td>2000</td>
<td>83,180</td>
<td>105,964</td>
<td>189,144</td>
<td>64,452</td>
<td>124,692</td>
</tr>
<tr>
<td>2001</td>
<td>73,637</td>
<td>111,149</td>
<td>184,786</td>
<td>59,898</td>
<td>124,888</td>
</tr>
<tr>
<td>2002</td>
<td>82,252</td>
<td>119,594</td>
<td>201,846</td>
<td>66,827</td>
<td>135,019</td>
</tr>
<tr>
<td>2003</td>
<td>73,657</td>
<td>115,334</td>
<td>188,991</td>
<td>61,433</td>
<td>127,558</td>
</tr>
<tr>
<td>2004</td>
<td>88,386</td>
<td>107,168</td>
<td>195,554</td>
<td>57,731</td>
<td>137,823</td>
</tr>
<tr>
<td>2005</td>
<td>88,032</td>
<td>113,555</td>
<td>201,587</td>
<td>57,373</td>
<td>144,214</td>
</tr>
<tr>
<td>2006</td>
<td>92,615</td>
<td>120,091</td>
<td>212,706</td>
<td>62,847</td>
<td>149,859</td>
</tr>
<tr>
<td>2007</td>
<td>81,303</td>
<td>106,214</td>
<td>187,517</td>
<td>59,018</td>
<td>128,499</td>
</tr>
<tr>
<td>2008</td>
<td>81,835</td>
<td>118,545</td>
<td>200,380</td>
<td>56,843</td>
<td>143,537</td>
</tr>
<tr>
<td>2009</td>
<td>96,890</td>
<td>114,794</td>
<td>211,684</td>
<td>52,881</td>
<td>158,803</td>
</tr>
</tbody>
</table>

(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 SPINY LOBSTERS, 2000-2009

**(Round weight)**

<table>
<thead>
<tr>
<th>Year</th>
<th>U.S. commercial landings</th>
<th>Imports (1)</th>
<th>Total</th>
<th>Exports (2)</th>
<th>Total supply</th>
</tr>
</thead>
<tbody>
<tr>
<td>2000</td>
<td>6,463</td>
<td>94,433</td>
<td>100,896</td>
<td>1,571</td>
<td>99,325</td>
</tr>
<tr>
<td>2001</td>
<td>4,082</td>
<td>76,667</td>
<td>80,749</td>
<td>2,158</td>
<td>78,591</td>
</tr>
<tr>
<td>2002</td>
<td>5,188</td>
<td>86,923</td>
<td>92,111</td>
<td>4,890</td>
<td>87,221</td>
</tr>
<tr>
<td>2003</td>
<td>4,863</td>
<td>94,423</td>
<td>99,286</td>
<td>6,047</td>
<td>93,239</td>
</tr>
<tr>
<td>2004</td>
<td>5,938</td>
<td>94,720</td>
<td>100,658</td>
<td>7,506</td>
<td>93,152</td>
</tr>
<tr>
<td>2005</td>
<td>4,144</td>
<td>86,987</td>
<td>91,131</td>
<td>7,766</td>
<td>83,365</td>
</tr>
<tr>
<td>2006</td>
<td>5,663</td>
<td>85,752</td>
<td>91,415</td>
<td>14,670</td>
<td>76,745</td>
</tr>
<tr>
<td>2007</td>
<td>4,426</td>
<td>86,688</td>
<td>91,114</td>
<td>12,723</td>
<td>78,391</td>
</tr>
<tr>
<td>2008</td>
<td>4,196</td>
<td>88,131</td>
<td>92,327</td>
<td>9,551</td>
<td>82,776</td>
</tr>
<tr>
<td>2009</td>
<td>4,729</td>
<td>65,032</td>
<td>69,761</td>
<td>14,333</td>
<td>55,428</td>
</tr>
</tbody>
</table>

(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, 2000-2009

(U.S. commercial landings) (Imports) (Total) (Exports) (Total supply)

<table>
<thead>
<tr>
<th>Year</th>
<th>U.S. commercial landings (1)</th>
<th>Imports (2)</th>
<th>Total</th>
<th>Exports</th>
<th>Total supply</th>
</tr>
</thead>
<tbody>
<tr>
<td>2000</td>
<td>118,482</td>
<td>17,767</td>
<td>136,249</td>
<td>3,627</td>
<td>132,622</td>
</tr>
<tr>
<td>2001</td>
<td>122,764</td>
<td>19,962</td>
<td>142,726</td>
<td>4,080</td>
<td>138,646</td>
</tr>
<tr>
<td>2002</td>
<td>130,076</td>
<td>18,256</td>
<td>148,332</td>
<td>4,348</td>
<td>143,984</td>
</tr>
<tr>
<td>2003</td>
<td>127,806</td>
<td>21,697</td>
<td>149,503</td>
<td>6,429</td>
<td>143,074</td>
</tr>
<tr>
<td>2004</td>
<td>119,411</td>
<td>20,640</td>
<td>140,051</td>
<td>8,136</td>
<td>131,915</td>
</tr>
<tr>
<td>2005</td>
<td>105,640</td>
<td>21,252</td>
<td>126,892</td>
<td>6,725</td>
<td>120,167</td>
</tr>
<tr>
<td>2006</td>
<td>110,912</td>
<td>21,594</td>
<td>132,506</td>
<td>7,653</td>
<td>124,853</td>
</tr>
<tr>
<td>2007</td>
<td>115,848</td>
<td>19,423</td>
<td>135,271</td>
<td>7,833</td>
<td>127,438</td>
</tr>
<tr>
<td>2008</td>
<td>107,772</td>
<td>21,008</td>
<td>128,780</td>
<td>8,065</td>
<td>120,715</td>
</tr>
<tr>
<td>2009</td>
<td>101,137</td>
<td>21,875</td>
<td>123,012</td>
<td>7,243</td>
<td>115,769</td>
</tr>
</tbody>
</table>

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

(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
- 0.93, other

## U.S. Supply of Oysters, 2000-2009

(U.S. commercial landings) (Imports) (Total) (Exports) (Total supply)

<table>
<thead>
<tr>
<th>Year</th>
<th>U.S. commercial landings</th>
<th>Imports (1)</th>
<th>Total</th>
<th>Exports</th>
<th>Total supply</th>
</tr>
</thead>
<tbody>
<tr>
<td>2000</td>
<td>41,146</td>
<td>32,735</td>
<td>73,881</td>
<td>2,447</td>
<td>71,434</td>
</tr>
<tr>
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<td>28,416</td>
<td>61,089</td>
<td>3,007</td>
<td>58,082</td>
</tr>
<tr>
<td>2002</td>
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<td>30,806</td>
<td>65,203</td>
<td>3,957</td>
<td>62,246</td>
</tr>
<tr>
<td>2003</td>
<td>37,103</td>
<td>36,677</td>
<td>73,780</td>
<td>4,398</td>
<td>69,382</td>
</tr>
<tr>
<td>2004</td>
<td>38,654</td>
<td>40,319</td>
<td>78,973</td>
<td>5,734</td>
<td>73,239</td>
</tr>
<tr>
<td>2005</td>
<td>33,963</td>
<td>37,066</td>
<td>71,029</td>
<td>6,019</td>
<td>65,010</td>
</tr>
<tr>
<td>2006</td>
<td>34,409</td>
<td>36,761</td>
<td>71,170</td>
<td>5,899</td>
<td>65,271</td>
</tr>
<tr>
<td>2007</td>
<td>37,755</td>
<td>39,682</td>
<td>77,437</td>
<td>7,856</td>
<td>69,581</td>
</tr>
<tr>
<td>2008</td>
<td>30,162</td>
<td>32,563</td>
<td>62,725</td>
<td>9,017</td>
<td>53,708</td>
</tr>
<tr>
<td>2009</td>
<td>35,571</td>
<td>31,745</td>
<td>67,316</td>
<td>8,604</td>
<td>58,712</td>
</tr>
</tbody>
</table>

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

## U.S. Supply of Scallops, 2000-2009

(U.S. commercial landings) (Imports) (Total) (Exports) (Total supply)

<table>
<thead>
<tr>
<th>Year</th>
<th>U.S. commercial landings (1)</th>
<th>Imports</th>
<th>Total</th>
<th>Exports</th>
<th>Total supply</th>
</tr>
</thead>
<tbody>
<tr>
<td>2000</td>
<td>32,772</td>
<td>53,649</td>
<td>86,421</td>
<td>8,911</td>
<td>77,510</td>
</tr>
<tr>
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<td>46,964</td>
<td>39,696</td>
<td>86,660</td>
<td>10,295</td>
<td>76,365</td>
</tr>
<tr>
<td>2002</td>
<td>53,078</td>
<td>48,210</td>
<td>101,288</td>
<td>10,117</td>
<td>91,171</td>
</tr>
<tr>
<td>2003</td>
<td>56,041</td>
<td>51,932</td>
<td>107,973</td>
<td>13,878</td>
<td>94,095</td>
</tr>
<tr>
<td>2004</td>
<td>64,597</td>
<td>44,546</td>
<td>109,143</td>
<td>15,086</td>
<td>94,055</td>
</tr>
<tr>
<td>2005</td>
<td>56,800</td>
<td>50,664</td>
<td>107,464</td>
<td>21,643</td>
<td>85,821</td>
</tr>
<tr>
<td>2006</td>
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<td>59,339</td>
<td>118,437</td>
<td>24,398</td>
<td>94,039</td>
</tr>
<tr>
<td>2007</td>
<td>58,743</td>
<td>55,223</td>
<td>113,966</td>
<td>21,482</td>
<td>92,484</td>
</tr>
<tr>
<td>2008</td>
<td>53,658</td>
<td>55,904</td>
<td>109,562</td>
<td>21,413</td>
<td>88,149</td>
</tr>
<tr>
<td>2009</td>
<td>58,275</td>
<td>53,816</td>
<td>112,091</td>
<td>21,951</td>
<td>90,140</td>
</tr>
</tbody>
</table>

(1) For species breakout see table on page 4.
Supply of Fishery Products

U.S. SUPPLY OF ALL FORMS OF SHRIMP, 2000-2009
(Heads-off weight)

<table>
<thead>
<tr>
<th>Year</th>
<th>U.S. commercial landings (1)</th>
<th>Imports (2)</th>
<th>Total</th>
<th>Exports (3)</th>
<th>Total supply</th>
</tr>
</thead>
<tbody>
<tr>
<td>2000</td>
<td>218,542</td>
<td>1,024,476</td>
<td>1,243,018</td>
<td>70,383</td>
<td>1,313,401</td>
</tr>
<tr>
<td>2001</td>
<td>201,428</td>
<td>1,178,232</td>
<td>1,379,660</td>
<td>67,975</td>
<td>1,447,635</td>
</tr>
<tr>
<td>2002</td>
<td>195,666</td>
<td>1,305,172</td>
<td>1,500,838</td>
<td>71,036</td>
<td>1,571,874</td>
</tr>
<tr>
<td>2003</td>
<td>196,140</td>
<td>1,495,268</td>
<td>1,691,408</td>
<td>82,935</td>
<td>1,774,343</td>
</tr>
<tr>
<td>2004</td>
<td>193,004</td>
<td>1,544,221</td>
<td>1,737,225</td>
<td>67,195</td>
<td>1,804,420</td>
</tr>
<tr>
<td>2005</td>
<td>162,266</td>
<td>1,491,108</td>
<td>1,653,374</td>
<td>94,533</td>
<td>1,747,907</td>
</tr>
<tr>
<td>2006</td>
<td>199,896</td>
<td>1,736,530</td>
<td>1,936,426</td>
<td>57,149</td>
<td>1,993,575</td>
</tr>
<tr>
<td>2007</td>
<td>174,623</td>
<td>1,630,531</td>
<td>1,805,154</td>
<td>61,681</td>
<td>1,866,835</td>
</tr>
<tr>
<td>2008</td>
<td>158,725</td>
<td>1,624,438</td>
<td>1,783,163</td>
<td>61,365</td>
<td>1,844,528</td>
</tr>
<tr>
<td>2009</td>
<td>187,062</td>
<td>1,611,019</td>
<td>1,798,081</td>
<td>52,438</td>
<td>1,850,519</td>
</tr>
</tbody>
</table>

(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 ALL FORMS OF SHRIMP, 2000-2009

U.S. SUPPLY OF CANNED SHRIMP, 2000-2009
(Canned weight)

<table>
<thead>
<tr>
<th>Year</th>
<th>U.S. pack</th>
<th>Imports</th>
<th>Total</th>
<th>Exports</th>
<th>Total supply</th>
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<tbody>
<tr>
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<td>3,655</td>
<td>5,565</td>
<td>2,549</td>
<td>3,016</td>
</tr>
<tr>
<td>2001</td>
<td>1,592</td>
<td>4,273</td>
<td>5,865</td>
<td>3,091</td>
<td>2,774</td>
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<td>4,076</td>
<td>5,831</td>
<td>3,322</td>
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<tr>
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<td>3,907</td>
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<td>3,082</td>
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<td>657</td>
<td>3,217</td>
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<td>988</td>
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<tr>
<td>2006</td>
<td>244</td>
<td>4,372</td>
<td>4,616</td>
<td>1,459</td>
<td>3,157</td>
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<tr>
<td>2007</td>
<td>212</td>
<td>3,609</td>
<td>3,821</td>
<td>3,016</td>
<td>805</td>
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<tr>
<td>2008</td>
<td>(1)</td>
<td>2,921</td>
<td>NA</td>
<td>3,858</td>
<td>NA</td>
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<tr>
<td>2009</td>
<td>(1)</td>
<td>3,307</td>
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(1) Data are confidential; NA—not available
### U.S. Supply of Fishery Products, 2000-2009

#### U.S. Supply of Fish Meal, 2000-2009

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<tr>
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<th>Total</th>
<th>Exports</th>
<th>Total supply</th>
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<td>717,257</td>
<td>209,177</td>
<td>508,080</td>
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<td>113,277</td>
<td>757,266</td>
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<td>637,930</td>
<td>147,982</td>
<td>785,912</td>
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<td>537,321</td>
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<tr>
<td>2003</td>
<td>602,833</td>
<td>120,988</td>
<td>723,821</td>
<td>243,588</td>
<td>480,263</td>
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<tr>
<td>2004</td>
<td>571,012</td>
<td>156,352</td>
<td>727,364</td>
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<td>133,394</td>
<td>698,563</td>
<td>363,442</td>
<td>335,121</td>
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<tr>
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<td>129,403</td>
<td>712,303</td>
<td>260,588</td>
<td>451,715</td>
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<tr>
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<td>87,364</td>
<td>650,585</td>
<td>231,388</td>
<td>419,197</td>
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<td>576,870</td>
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<td>380,387</td>
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<td>76,731</td>
<td>636,847</td>
<td>174,613</td>
<td>462,234</td>
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</table>

(1) Includes shellfish meal.

#### U.S. Supply of Fish Oils, 2000-2009

#### U.S. Supply of Fish Oils, 2000-2009

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<thead>
<tr>
<th>Year</th>
<th>U.S. production</th>
<th>Imports</th>
<th>Total</th>
<th>Exports</th>
<th>Total supply</th>
</tr>
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<tbody>
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<td>27,220</td>
<td>219,568</td>
<td>142,221</td>
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<td>302,948</td>
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<td>54,150</td>
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<td>33,415</td>
<td>244,282</td>
<td>212,806</td>
<td>31,476</td>
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<td>39,008</td>
<td>234,707</td>
<td>146,996</td>
<td>87,711</td>
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<td>48,034</td>
<td>227,434</td>
<td>110,446</td>
<td>116,988</td>
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<td>157,680</td>
<td>66,921</td>
<td>224,601</td>
<td>123,596</td>
<td>101,005</td>
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<tr>
<td>2006</td>
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<td>44,363</td>
<td>187,110</td>
<td>148,030</td>
<td>39,080</td>
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<td>2007</td>
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<td>53,779</td>
<td>243,802</td>
<td>127,843</td>
<td>115,959</td>
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<tr>
<td>2008</td>
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<td>53,779</td>
<td>243,802</td>
<td>127,843</td>
<td>115,959</td>
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<td>2009</td>
<td>168,157</td>
<td>34,341</td>
<td>202,498</td>
<td>111,941</td>
<td>90,557</td>
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</table>
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 15.8 pounds (edible meat) in 2009. This total was 0.2 pounds less than the 16.0 pounds consumed in 2008. Per capita consumption of fresh and frozen products was 11.8 pounds, the same as in 2008. Fresh and frozen finfish accounted for 6.2 pounds while fresh and frozen shellfish consumption was 5.6 pounds per capita. Consumption of canned fishery products was 3.7 pounds per capita in 2009, 0.2 pounds less than in 2008. Cured fish accounted for 0.3 pound per capita, the same as in previous years. Imports of edible seafood made up 84 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 2009 was 61.0 pounds, down 2.2 pounds compared with 2008.

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 country’s landings, imports, and exports. The 2005-2007 average data indicates that the United States ranks as the third largest consumer of seafood in the world after China and Japan.
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 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, 1910-2009

<table>
<thead>
<tr>
<th>Year</th>
<th>Civilian resident population July 1 (1)</th>
<th>Per capita consumption</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Million persons</td>
<td>Fresh and frozen (2)</td>
<td>Canned (3)</td>
</tr>
<tr>
<td>1910</td>
<td>92.2</td>
<td>4.5</td>
<td>2.8</td>
</tr>
<tr>
<td>1920</td>
<td>106.5</td>
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</tr>
<tr>
<td>1930</td>
<td>122.9</td>
<td>5.8</td>
<td>4.9</td>
</tr>
<tr>
<td>1940</td>
<td>132.1</td>
<td>5.7</td>
<td>4.6</td>
</tr>
<tr>
<td>1950</td>
<td>150.8</td>
<td>6.3</td>
<td>4.9</td>
</tr>
<tr>
<td>1960</td>
<td>178.1</td>
<td>5.7</td>
<td>4.0</td>
</tr>
<tr>
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<td>201.9</td>
<td>6.9</td>
<td>4.5</td>
</tr>
<tr>
<td>1980</td>
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<td>7.9</td>
<td>4.3</td>
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<tr>
<td>1981</td>
<td>227.8</td>
<td>7.8</td>
<td>4.6</td>
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<td>230.0</td>
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<td>4.3</td>
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<tr>
<td>1983</td>
<td>232.1</td>
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<td>4.7</td>
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<tr>
<td>1984</td>
<td>234.1</td>
<td>9.0</td>
<td>4.9</td>
</tr>
<tr>
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<td>236.2</td>
<td>9.8</td>
<td>5.0</td>
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<tr>
<td>1986</td>
<td>238.4</td>
<td>9.8</td>
<td>5.4</td>
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<tr>
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<td>10.7</td>
<td>5.2</td>
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<td>242.8</td>
<td>10.0</td>
<td>4.9</td>
</tr>
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<td>245.1</td>
<td>10.2</td>
<td>5.1</td>
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<tr>
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<td>9.6</td>
<td>5.1</td>
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<tr>
<td>1996</td>
<td>264.0</td>
<td>10.0</td>
<td>4.5</td>
</tr>
<tr>
<td>1997</td>
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<td>9.9</td>
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</tr>
<tr>
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<td>4.4</td>
</tr>
<tr>
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<tr>
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<tr>
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<tr>
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<td>3.9</td>
</tr>
<tr>
<td>2009</td>
<td>305.8</td>
<td>11.8</td>
<td>3.7</td>
</tr>
</tbody>
</table>

(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 discontinued as of 2003.

*Record years: Canned—5.8, 1936; Cured—4.0, 1909.
### U.S. Annual Per Capita Consumption of Canned Fishery Products, 1980-2009

<table>
<thead>
<tr>
<th>Year</th>
<th>Salmon</th>
<th>Sardines</th>
<th>Tuna</th>
<th>Shellfish</th>
<th>Other</th>
<th>Total</th>
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### U.S. Annual Per Capita Consumption of Certain Fishery Items, 1980-2009

<table>
<thead>
<tr>
<th>Year</th>
<th>Fillets and steaks (1)</th>
<th>Sticks and portions</th>
<th>Shrimp, all preparation</th>
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<tbody>
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<td>1980</td>
<td>2.4</td>
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<tr>
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(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
## PER CAPITA CONSUMPTION OF FISH AND SHELLFISH FOR HUMAN FOOD,  
### BY REGION AND COUNTRY, 2005-2007 AVERAGE

### North America:

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## Per Capita Consumption

### World Consumption

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### Oceania:

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### World Consumption

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<td>36.7</td>
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Note:—Data are preliminary and refer to per capita consumption of fish, crustaceans and molluscs, including all aquatic organisms except whales, seals, other aquatic mammals and aquatic plants.

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, 1960-2009

<table>
<thead>
<tr>
<th>Year</th>
<th>Total population including armed forces overseas July 1</th>
<th>U.S. supply</th>
<th>Per capita utilization</th>
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(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 2009 VALUE ADDED, MARGINS, AND CONSUMER EXPENDITURES FOR COMMERCIAL MARINE FISHERY PRODUCTS IN THE UNITED STATES (1)

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<th>Purchase of fishery inputs</th>
<th>Mark-up of fishery inputs</th>
<th>Total mark-up within sector</th>
<th>Value added as percent of total mark-up</th>
<th>Value added within sector</th>
<th>Value added of sales by sector</th>
<th>Value added of GNP contribution</th>
<th>Offshore fleet &amp; exported fishery products</th>
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<td>Thousand Dollars</td>
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<td>-</td>
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<td>and Processing</td>
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<td>69.8%</td>
<td>$22,667,979</td>
<td>$50,306,213</td>
<td>59.1%</td>
<td>-</td>
</tr>
<tr>
<td>Service</td>
<td>$17,812,028</td>
<td>33.4%</td>
<td>$5,683,301</td>
<td>64.2%</td>
<td>$3,823,823</td>
<td>$23,765,214</td>
<td>10.0%</td>
<td>-</td>
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<tr>
<td>TOTAL U.S. VALUE ADDED ACTIVITY:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$38,384,782</td>
<td>100.0%</td>
<td></td>
</tr>
</tbody>
</table>

(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 represents 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 Indexes of Exvessel Prices table (to the right) presents the annual dockside price of fish and shellfish sold by fishing vessels as a percentage of the 1982 dockside price for the same species or species group. The exvessel price for each year was obtained by dividing total exvessel value for each species or group by its total quantity as reported in the U.S. commercial landings tables on pages 1 thru 4. The index for each species or group was obtained using the following formula:

\[
\text{Index} = \left( \frac{\text{Current Price}}{\text{1982 Price}} \right) \times 100
\]

A species of fish that sold for $0.75 a pound in 1986 and $1.00 a pound in 1982 would have an index of 75 in 1986, which means that the 1986 price was 75 percent of the 1982 price or 25 percent less than the 1982 price. If the price of the same species was $1.07 in 2000, the index in 2000 would be 107, which means that the price had increased by 7 percent between 1982 and 2000.

The figure below presents the percentage changes in the exvessel price index since 1982 for each of the following three categories: edible finfish, edible shellfish, and industrial fish. The index for each category was obtained using the following formula:

\[
\text{Index} = \left( \frac{\text{Sum of (Current Prices by species \times 1982 Quantities by Species)}}{\text{1982 Exvessel Value}} \right) \times 100
\]

The percentage change in the price index for a category is then the difference between the index for that year and 100, where 100 is the index for 1982.
INDEXES OF EXVESSEL PRICES FOR FISH AND SHELLFISH, BY YEARS, 2003-2009

<table>
<thead>
<tr>
<th>Species</th>
<th>2003</th>
<th>2004</th>
<th>2005</th>
<th>2006</th>
<th>2007</th>
<th>2008</th>
<th>2009</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Groundfish, et al:</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cod</td>
<td>110</td>
<td>98</td>
<td>106</td>
<td>142</td>
<td>173</td>
<td>207</td>
<td>108</td>
</tr>
<tr>
<td>Haddock</td>
<td>228</td>
<td>205</td>
<td>230</td>
<td>319</td>
<td>308</td>
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<td>214</td>
</tr>
<tr>
<td>Pollock:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Atlantic</td>
<td>228</td>
<td>224</td>
<td>245</td>
<td>262</td>
<td>206</td>
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<td>272</td>
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<tr>
<td>Alaska</td>
<td>107</td>
<td>143</td>
<td>159</td>
<td>171</td>
<td>171</td>
<td>251</td>
<td>251</td>
</tr>
<tr>
<td>Flounders</td>
<td>70</td>
<td>93</td>
<td>87</td>
<td>92</td>
<td>101</td>
<td>110</td>
<td>105</td>
</tr>
<tr>
<td><strong>Total groundfish, et al.</strong></td>
<td>106</td>
<td>114</td>
<td>118</td>
<td>142</td>
<td>152</td>
<td>165</td>
<td>134</td>
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<tr>
<td>Halibut</td>
<td>253</td>
<td>260</td>
<td>268</td>
<td>325</td>
<td>376</td>
<td>378</td>
<td>271</td>
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<tr>
<td>Sea herring</td>
<td>51</td>
<td>63</td>
<td>63</td>
<td>51</td>
<td>86</td>
<td>97</td>
<td>103</td>
</tr>
<tr>
<td><strong>Salmon:</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chinook</td>
<td>65</td>
<td>101</td>
<td>112</td>
<td>142</td>
<td>163</td>
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<tr>
<td>Chum</td>
<td>42</td>
<td>45</td>
<td>55</td>
<td>67</td>
<td>75</td>
<td>119</td>
<td>96</td>
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<tr>
<td>Pink</td>
<td>209</td>
<td>33</td>
<td>44</td>
<td>55</td>
<td>68</td>
<td>126</td>
<td>100</td>
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<tr>
<td>Sockeye</td>
<td>8</td>
<td>64</td>
<td>79</td>
<td>75</td>
<td>83</td>
<td>88</td>
<td>89</td>
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<tr>
<td>Coho</td>
<td>60</td>
<td>64</td>
<td>72</td>
<td>100</td>
<td>94</td>
<td>122</td>
<td>90</td>
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<tr>
<td><strong>Total salmon</strong></td>
<td>54</td>
<td>64</td>
<td>76</td>
<td>86</td>
<td>95</td>
<td>116</td>
<td>96</td>
</tr>
<tr>
<td><strong>Total edible finfish</strong></td>
<td>91</td>
<td>99</td>
<td>95</td>
<td>121</td>
<td>132</td>
<td>207</td>
<td>117</td>
</tr>
<tr>
<td><strong>Tuna:</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Albacore</td>
<td>99</td>
<td>126</td>
<td>154</td>
<td>125</td>
<td>125</td>
<td>133</td>
<td>149</td>
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<tr>
<td>Bluefin</td>
<td>586</td>
<td>701</td>
<td>453</td>
<td>827</td>
<td>637</td>
<td>832</td>
<td>450</td>
</tr>
<tr>
<td>Skipjack</td>
<td>67</td>
<td>82</td>
<td>80</td>
<td>79</td>
<td>80</td>
<td>271</td>
<td>92</td>
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<tr>
<td>Yellowfin</td>
<td>156</td>
<td>146</td>
<td>80</td>
<td>180</td>
<td>199</td>
<td>513</td>
<td>134</td>
</tr>
<tr>
<td><strong>Total tuna</strong></td>
<td>128</td>
<td>132</td>
<td>91</td>
<td>152</td>
<td>158</td>
<td>409</td>
<td>126</td>
</tr>
<tr>
<td><strong>Total edible shellfish</strong></td>
<td>125</td>
<td>129</td>
<td>143</td>
<td>133</td>
<td>145</td>
<td>159</td>
<td>134</td>
</tr>
<tr>
<td><strong>Total all fish and shellfish</strong></td>
<td>112</td>
<td>116</td>
<td>122</td>
<td>128</td>
<td>139</td>
<td>181</td>
<td>126</td>
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## Plants and Employment

### PROCESSORS AND WHOLESALERS: PLANTS, AND EMPLOYMENT, 2008

<table>
<thead>
<tr>
<th>Area and State</th>
<th>Plants (1)</th>
<th>Employment (1)</th>
<th>Plants (2)</th>
<th>Employment (2)</th>
<th>Total Plants</th>
<th>Employment</th>
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<tr>
<td>Maine</td>
<td>33</td>
<td>732</td>
<td>173</td>
<td>914</td>
<td>206</td>
<td>1,646</td>
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<td>New Hampshire</td>
<td>9</td>
<td>269</td>
<td>13</td>
<td>120</td>
<td>22</td>
<td>389</td>
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<td>Massachusetts</td>
<td>55</td>
<td>2,640</td>
<td>173</td>
<td>2,125</td>
<td>228</td>
<td>4,765</td>
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<td>Rhode Island</td>
<td>11</td>
<td>268</td>
<td>34</td>
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<td>(3)</td>
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<td>Connecticut</td>
<td>6</td>
<td>71</td>
<td>18</td>
<td>182</td>
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<td><strong>Total</strong></td>
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<td>3,980</td>
<td>411</td>
<td>3,341</td>
<td>525</td>
<td>7,053</td>
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<td><strong>Mid-Atlantic:</strong></td>
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<td>New York</td>
<td>20</td>
<td>431</td>
<td>272</td>
<td>1,939</td>
<td>292</td>
<td>2,370</td>
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<td>563</td>
<td>94</td>
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<td>111</td>
<td>1,676</td>
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<td>Pennsylvania</td>
<td>4</td>
<td>92</td>
<td>29</td>
<td>533</td>
<td>33</td>
<td>625</td>
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<td>Delaware</td>
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<td>(3)</td>
<td>5</td>
<td>20</td>
<td>6</td>
<td>20</td>
</tr>
<tr>
<td>District of Columbia</td>
<td>-</td>
<td>-</td>
<td>4</td>
<td>(3)</td>
<td>4</td>
<td>(3)</td>
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<tr>
<td>Maryland</td>
<td>20</td>
<td>713</td>
<td>50</td>
<td>504</td>
<td>70</td>
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<td>1,635</td>
<td>63</td>
<td>547</td>
<td>109</td>
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</tr>
<tr>
<td><strong>Total</strong></td>
<td>108</td>
<td>3,434</td>
<td>517</td>
<td>4,656</td>
<td>625</td>
<td>8,090</td>
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<td><strong>South Atlantic:</strong></td>
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<td></td>
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<td></td>
</tr>
<tr>
<td>North Carolina</td>
<td>30</td>
<td>602</td>
<td>64</td>
<td>597</td>
<td>94</td>
<td>1,199</td>
</tr>
<tr>
<td>South Carolina</td>
<td>2</td>
<td>(3)</td>
<td>22</td>
<td>153</td>
<td>24</td>
<td>153</td>
</tr>
<tr>
<td>Georgia</td>
<td>5</td>
<td>(3)</td>
<td>31</td>
<td>480</td>
<td>36</td>
<td>480</td>
</tr>
<tr>
<td>Florida</td>
<td>30</td>
<td>1,511</td>
<td>283</td>
<td>2,681</td>
<td>313</td>
<td>4,192</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>67</td>
<td>2,113</td>
<td>400</td>
<td>3,911</td>
<td>467</td>
<td>6,024</td>
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<tr>
<td><strong>Gulf:</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Alabama</td>
<td>36</td>
<td>1,724</td>
<td>16</td>
<td>176</td>
<td>52</td>
<td>1,900</td>
</tr>
<tr>
<td>Mississippi</td>
<td>24</td>
<td>2,906</td>
<td>24</td>
<td>110</td>
<td>48</td>
<td>3,016</td>
</tr>
<tr>
<td>Louisiana</td>
<td>74</td>
<td>1,700</td>
<td>103</td>
<td>537</td>
<td>177</td>
<td>2,237</td>
</tr>
<tr>
<td>Texas</td>
<td>31</td>
<td>1,378</td>
<td>86</td>
<td>904</td>
<td>117</td>
<td>2,282</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>165</td>
<td>7,708</td>
<td>229</td>
<td>1,727</td>
<td>394</td>
<td>9,435</td>
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<tr>
<td><strong>Pacific:</strong></td>
<td></td>
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<td></td>
<td></td>
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<tr>
<td>Alaska</td>
<td>161</td>
<td>9,027</td>
<td>91</td>
<td>253</td>
<td>252</td>
<td>9,280</td>
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<td>Washington</td>
<td>107</td>
<td>6,508</td>
<td>122</td>
<td>1,258</td>
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<tr>
<td>Oregon</td>
<td>27</td>
<td>1,063</td>
<td>13</td>
<td>433</td>
<td>40</td>
<td>1,496</td>
</tr>
<tr>
<td>California</td>
<td>49</td>
<td>1,216</td>
<td>301</td>
<td>4,339</td>
<td>350</td>
<td>5,555</td>
</tr>
<tr>
<td>Hawaii</td>
<td>3</td>
<td>(3)</td>
<td>30</td>
<td>534</td>
<td>33</td>
<td>534</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>347</td>
<td>17,814</td>
<td>557</td>
<td>6,817</td>
<td>904</td>
<td>24,631</td>
</tr>
<tr>
<td><strong>Inland States or Other Areas:</strong> (4), Total</td>
<td>57</td>
<td>2,348</td>
<td>228</td>
<td>2,841</td>
<td>285</td>
<td>5,189</td>
</tr>
<tr>
<td><strong>Grand total</strong></td>
<td>858</td>
<td>37,397</td>
<td>2,342</td>
<td>23,293</td>
<td>3,200</td>
<td>60,690</td>
</tr>
</tbody>
</table>

(1) Data are based on North American Industry Classification System (NAICS) 3117 as reported to the Bureau of Labor Statistics.

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

(3) Included with Inland States.

(4) Includes Puerto Rico and Virgin Islands.
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.

Sanitarily inspected fish establishments processing fishery products under USDC inspection. As of December 2009, 151 of these were in the Hazard Analysis Critical Control Point (HACCP) Quality Management Program.

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.”

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

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.

Data include product inspected for export. Based on 2008 per capita consumption data, approximately 34 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.

<table>
<thead>
<tr>
<th>Region</th>
<th>Establishment (1)</th>
<th>Amount inspected (6)</th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>In-plant (2)</td>
<td>Grade A (3)</td>
<td>PUFI (4)</td>
<td>No mark (5)</td>
<td>Total</td>
</tr>
<tr>
<td>Northeast</td>
<td>69</td>
<td>18,490</td>
<td>51,900</td>
<td>223,445</td>
<td>19,616</td>
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<tr>
<td>Southeast</td>
<td>77</td>
<td>5,841</td>
<td>21,255</td>
<td>170,824</td>
<td>35,825</td>
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<tr>
<td>West</td>
<td>196</td>
<td>10,904</td>
<td>10,935</td>
<td>1,084,174</td>
<td>10,887</td>
</tr>
<tr>
<td>Total</td>
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<td>35,235</td>
<td>84,090</td>
<td>1,478,443</td>
<td>66,328</td>
</tr>
</tbody>
</table>

(1) Sanitarily inspected fish establishments processing fishery products under USDC inspection. As of December 2009, 151 of these were in the Hazard Analysis Critical Control Point (HACCP) Quality Management Program.

(3) 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."

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

(5) 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.

(6) Data include product inspected for export. Based on 2008 per capita consumption data, approximately 34 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 (Magnuson-Stevens Act), amended on January 12, 2007 by Public Law 109-479, 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 a 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 Congress for ratification.

FOREIGN FISHING PERMITS

Title II of the Magnuson-Stevens Act governs foreign fishing in U.S. waters. The process applied to foreign fishing has been described in prior issues of this publication. As U.S. fishing capacity grew, foreign participation diminished 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. Until 2001, the last directed fishing by foreign vessels occurred in 1991. However, in 2001, a small quantity of Atlantic herring was harvested by foreign vessels. The displacement of directed foreign fishing effort in the EEZ marked the achievement of one of the objectives of the Magnuson-Stevens Act: the development of the U.S. fishing industry to take what were in 1976 underutilized species.

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 advantageous 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 a 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. There are 47 FMPs in effect as of December 31, 2009. Of these, one is a Secretarial FMP for Atlantic highly migratory species. The FMPs listed below are under the responsible Council. FMPs that are jointly implemented between two Councils are listed under the lead Council for the FMP. 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 for each FMP.
The Magnuson-Stevens Fishery Conservation and Management Act

Pacific Fishery Management Council
1. Pacific Coast Groundfish FMP
2. West Coast Salmon FMP
3. Coastal Pelagic Species FMP

Western Pacific Fishery Management Council
1. American Samoa FEP
2. Pelagic FEP
3. Hawaii FEP
4. Mariana FEP
5. PRIA FEP

Mid-Atlantic Fishery Management Council
1. Spiny Dogfish FMP (joint with NEFMC)
2. Summer Flounder, Scup, and Black Sea Bass FMP
3. Surf Clam and Ocean Quahog FMP
4. Atlantic Mackerel, Squid, and Butterfish FMP
5. Atlantic Bluefish FMP
6. Tilefish FMP

South Atlantic Fishery Management Council
1. Pelagic Sargassum Habitat of the South Atlantic Region FMP
2. Snapper Grouper FMP
3. Dolphin and Wahoo FMP (New in 2004)
4. Shrimp FMP
5. Golden Crab FMP
6. Coral, Coral Reefs and Live/Hard Bottom Habitats of the South Atlantic Region FMP

Caribbean Fishery Management Council
1. Spiny Lobster FMP
2. Corals and Reef-Associated Plants and Invertebrates FMP
3. Queen Conch FMP
4. Shallow Water Reef Fish FMP

Gulf of Mexico Fishery Management Council
1. Coastal Pelagics FMP (joint with SAFMC)
2. Coral and Coral Reefs of the GOM FMP
3. Red Drum FMP
4. Stone Crab FMP
5. Shrimp FMP
6. Spiny Lobster FMP (joint with SAFMC)
7. Reef Fish FMP
8. Aquaculture FMP

New England Fishery Management Council
1. Northeast Multispecies FMP
2. Northeastern Skate FMP
3. Deep Sea Red Crab FMP
4. Atlantic Herring FMP
5. Atlantic Sea Scallop FMP
6. Monkfish FMP (joint with MAFMC)
7. Atlantic Salmon FMP

North Pacific Fishery Management Council
1. Bering Sea/Aleutian Islands Groundfish FMP
2. Gulf of Alaska Groundfish FMP
3. King and Tanner Crab FMP
4. Salmon FMP
5. Alaska Scallop FMP
6. Arctic FMP

Highly Migratory Species Plans
1. Consolidated Highly Migratory Species Fishery Management Plan
# REGIONAL FISHERY MANAGEMENT COUNCILS

<table>
<thead>
<tr>
<th>Council</th>
<th>Constituent States</th>
<th>Telephone Number</th>
<th>Executive Directors and Addresses</th>
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<tbody>
<tr>
<td>SOUTH ATLANTIC</td>
<td>(North Carolina, South Carolina, Georgia, and Florida)</td>
<td>843-571-4366 FAX: 789-4520 Toll Free: 866-723-6210</td>
<td>Robert K. Mahood 4005 Faber Place Dr., Suite 201 Charleston, SC 29405</td>
</tr>
<tr>
<td>GULF OF MEXICO</td>
<td>(Texas, Louisiana, Mississippi, Alabama, and Florida)</td>
<td>813-348-1630 FAX: 348-1711 Toll Free: 888-833-1844</td>
<td>Stephen Bortone 2203 North Lois Ave. Suite 1100 Tampa, FL 33607</td>
</tr>
<tr>
<td>CARIBBEAN</td>
<td>(U.S. Virgin Islands and Commonwealth of Puerto Rico)</td>
<td>787-766-5926 FAX: 766-6239</td>
<td>Miguel A. Rolon 268 Munoz Rivera Ave. Suite 1108 San Juan, PR 00918</td>
</tr>
<tr>
<td>PACIFIC</td>
<td>(California, Washington, Oregon, and Idaho)</td>
<td>503-820-2280 FAX: 820-2299 Toll Free: 866-806-7204</td>
<td>Donald O. McIsaac 7700 NE Ambassador Place Suite 101 Portland, OR 97220</td>
</tr>
<tr>
<td>WESTERN PACIFIC</td>
<td>(Hawaii, American Samoa, Guam, and Commonwealth of the Northern Mariana Islands)</td>
<td>808-522-8220 FAX: 522-8226</td>
<td>Kitty M. Simonds 1164 Bishop St. Suite 1400 Honolulu, HI 96813</td>
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GENERAL ADMINISTRATIVE INFORMATION

UNITED STATES DEPARTMENT OF COMMERCE
14th and Constitution Ave., NW
Washington, DC 20230

MAIL ROUTING CODE

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NATIONAL MARINE FISHERIES SERVICE

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

F  Assistant Administrator for Fisheries --
   Eric C. Schwaab 301-713-2239
   Deputy Assistant Administrator for Regulatory Programs --
   Samuel D. Rauch, III 301-713-2239
   Deputy Assistant Administrator for Operations --
   John Oliver 301-713-2239
   Director, Scientific Programs & Chief Science Advisor --
   Steven A. Murawski, Ph.D. 301-713-2239
   Director, Office of Policy --
   Mark Holliday, Ph.D. 301-713-9070
   Director, NOAA Aquaculture Program --
   Michael Rubino, Ph.D. 301-713-9079
   Chief Information Officer --
   Larry Tyminski 301-713-2372
   Equal Employment Opportunity --
   Natalie Huff 301-713-1456

F/IA  International Fisheries--
   Rebecca Lent, Ph.D. 301-713-9090
   F/IA1  International Fisheries Division 301-713-2276
   F/IA2  Trade and Stewardship Division 301-713-2276

F/EN  Office of Law Enforcement --
   Alan D. Risenhoover (Acting) 301-427-2300
   F/EN1  Enforcement Operations Division 301-427-2300

F/SI  Seafood Inspection Program --
   Timothy Hansen 301-713-2355

F/HC  Office of Habitat Conservation --
   Patricia Montanio 301-713-2325
   F/HC1  Chesapeake Bay Program Office 410-267-5660
   F/HC2  Habitat Protection Division 301-713-4300
   F/HC3  Habitat Restoration Division 301-713-0174

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### NATIONAL MARINE FISHERIES SERVICE
#### REGIONAL FACILITIES

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</table>
| F/NER             | Northeast Region  
55 Great Republic Drive  
Gloucester, MA 01930 | 978-281-9300/9333 | Gloucester, MA |
|                   | Northeast Fisheries Science Center  
166 Water St. - Rm. 312  
Woods Hole, MA 02543 | 508-495-2000/2258 | Woods Hole, MA |
|                   | Woods Hole Laboratory  
166 Water St.  
Woods Hole, MA 02543 | 508-495-2000/2258 | Woods Hole, MA |
|                   | Narragansett Laboratory  
28 Tarzwell Drive  
Narragansett, RI 02882 | 401-782-3200/3201 | Narragansett, RI |
|                   | Milford Laboratory  
212 Rogers Ave.  
Milford, CT 06460 | 203-882-6500/6570 | Milford, CT |
|                   | James J. Howard Marine Science Laboratory  
74 Magruder Road, Sandy Hook  
Highlands, NJ 07732 | 732-872-3000/3088 | Highlands, NJ |
|                   | Natl. Systematics Laboratory, MRC153  
10th & Constitution Ave., NW, P.O. Box 37012  
Washington, DC 20013-7012 | 202-633-1290/8848 | Washington, DC |
|                   | Orono Maine Field Station  
17 Godfrey Drive-Suite 1  
Orono, ME 04473 | 207-866-7322/7342 | Orono, ME |
| F/SER             | Southeast Region  
263 13th Avenue, South  
St. Petersburg, FL 33701 | 727-824-5301/5320 | St. Petersburg, FL |
|                   | Southeast Fisheries Science Center  
75 Virginia Beach Dr.  
Miami, FL 33149 | 305-361-4200/4219 | Miami, FL |
| F/SEC             | Miami Laboratory  
75 Virginia Beach Dr.  
Miami, FL 33149 | 305-361-4225/4499 | Miami, FL |
| F/SEC4            | Mississippi Laboratory  
3209 Frederick St., P.O. Drawer 1207  
Pascagoula, MS 39568 | 228-762-4591/769-9200 | Pascagoula, MS |
| F/SEC5            | Panama City Laboratory  
3500 Delwood Beach Rd.  
Panama City, FL 32408 | 850-234-6541/3559 | Panama City, FL |
| F/SEC6            | Galveston Laboratory  
4700 Avenue U  
Galveston, TX 77551 | 409-766-3500/3508 | Galveston, TX |

(CONTINUED)
### General Administrative Information

#### NATIONAL MARINE FISHERIES SERVICE

#### REGIONAL FACILITIES

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<td>Beaufort, NC 28516</td>
<td>252-728-3595</td>
<td>FAX-728-8784</td>
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<td>F/NWR</td>
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<tr>
<td>Seattle, WA 98115</td>
<td>206-526-6150</td>
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<td>F/NWC</td>
<td>Northwest Fisheries Science Center</td>
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<td>West Bldg. - Rm. 363</td>
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<td>2725 Montlake Boulevard, East</td>
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<tr>
<td>Seattle, WA 98112</td>
<td>206-860-3200</td>
<td>FAX-860-3217</td>
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<tr>
<td>F/SWR</td>
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<tr>
<td>501 West Ocean Blvd., Suite 4200</td>
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<tr>
<td>Long Beach, CA 90802</td>
<td>562-980-4000</td>
<td>FAX-980-4018</td>
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<tr>
<td>F/SWC</td>
<td>Southwest Fisheries Science Center</td>
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<td>8604 La Jolla Shores Dr.</td>
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<td>La Jolla, CA 92037</td>
<td>858-546-7000</td>
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<td>F/SWC3</td>
<td>Fisheries Ecology Division</td>
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<td>110 Shaffer Rd.</td>
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<td>Santa Cruz, CA 95060</td>
<td>831-420-3900</td>
<td>FAX-420-3980</td>
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<tr>
<td>F/SWC4</td>
<td>Environmental Research Division</td>
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<td>1352 Lighthouse Ave.</td>
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<tr>
<td>Pacific Grove, CA 93950</td>
<td>831-648-8515</td>
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<td>Pacific Grove, CA</td>
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<td>F/AKR</td>
<td>Alaska Region</td>
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<td>709 West 9th Street, Room 420</td>
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<td>Juneau, AK 99802</td>
<td>907-586-7221</td>
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<td>Kodiak Laboratory</td>
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<td>Honolulu, HI 96814</td>
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# General Administrative Information

## NATIONAL MARINE FISHERIES SERVICE
### NATIONAL FISHERY STATISTICS OFFICES

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<tr>
<td>(2) Portland</td>
<td>207-780-3322</td>
<td><strong>Scott McNamara,</strong> Merrie Cartwright, Ph. D., Marine Trade Center, Suite 212,</td>
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<tr>
<td></td>
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<td>Two Portland Fish Pier, Portland, ME 04101</td>
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<tr>
<td>Boston</td>
<td>617-223-8018</td>
<td><strong>Jack French,</strong> Boston Market News, 408 Atlantic Ave., Rm. 141,</td>
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<tr>
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<td>Boston, MA 02210</td>
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<tr>
<td>(1) Gloucester</td>
<td>978-281-9304</td>
<td><strong>Gregory R. Power,</strong> Fishery Inf. Section</td>
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<tr>
<td></td>
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<td><strong>FAX:281-9161,</strong> 55 Great Republic Dr., Gloucester, MA 01930</td>
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<td></td>
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<td>Don Mason, 55 Great Republic Dr.</td>
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<td><strong>FAX:281-9372,</strong> Gloucester, MA 01930</td>
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<tr>
<td>New Bedford</td>
<td>508-884-0063</td>
<td>John Mahoney, U.S. Custom House,</td>
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<td><strong>FAX:990-2506,</strong> 37 No. Second St., New Bedford, MA 02740</td>
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<td>Chatham</td>
<td>508-945-5961</td>
<td><strong>Lorraine Spenle,</strong> 1619 Main St.,</td>
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<td><strong>FAX:945-3793,</strong> Gloucester, MA 01930</td>
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<td>(2) Point Judith</td>
<td>401-783-7797</td>
<td><strong>Walter Anoushian,</strong> Chris Zanni/Elizabeth Kordowski, 83 State St., 2nd Floor,</td>
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<td><strong>FAX:782-2113,</strong> P.O. Box 3356, Narragansett, RI 02882</td>
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<td><strong>MIDDLE ATLANTIC AND Chesapeake:</strong></td>
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<td><strong>FAX:620-3577,</strong> Rm. 701, New York, NY 10014</td>
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<td>(2) E. Hampton, NY</td>
<td>631-324-3569</td>
<td><strong>Vic Vecchio,</strong> 62 Newtown Ln #203</td>
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<td><strong>FAX:324-3314,</strong> East Hampton, NY 11937</td>
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<td>Patchogue</td>
<td>631-475-6988</td>
<td>David McKerman Social Security Bldg., 50 Maple Ave,</td>
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<td><strong>FAX:289-8361,</strong> P.O. Box 606, Patchogue, L.I., NY 11772</td>
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<tr>
<td>(2) Toms River</td>
<td>732-349-5335</td>
<td><strong>Joanne Pellegrino,</strong> 26 Main St. Suite O,</td>
</tr>
<tr>
<td></td>
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<td><strong>FAX:349-4319,</strong> P.O.Box 143, Toms River, NJ 08754</td>
</tr>
<tr>
<td>Cape May</td>
<td>609-884-2113</td>
<td><strong>Ingo Fleming,</strong> 1382 Lafayette St.,</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>FAX:884-4908,</strong> P.O. Box 624, Cape May, NJ 08204</td>
</tr>
<tr>
<td>(2) Hampton</td>
<td>757-723-3369</td>
<td><strong>David Ulmer / Steve Ellis / George Mattingly,</strong> 1006N Settlers Landings Rd.,</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>FAX:728-3947,</strong> P.O. Box 69043, Hampton, VA 23669</td>
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<tr>
<td><strong>SOUTH ATLANTIC AND Gulf:</strong></td>
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<tr>
<td>(1) Beaufort</td>
<td>252-728-8721</td>
<td><strong>David Gloeckner,</strong> Beaufort Laboratory, 101 Pivers Island Rd.,</td>
</tr>
<tr>
<td></td>
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<td><strong>FAX:728-8772,</strong> Beaufort, NC 28516</td>
</tr>
<tr>
<td>Manteo</td>
<td>910-274-3797</td>
<td>David Hoke, 1021 Driftwood Dr. Manteo, NC 27954</td>
</tr>
<tr>
<td>Wilmington</td>
<td>901-796-7247</td>
<td>Richard Hall, NCSMF 127 Cardinal Dr., Wilmington, NC 28405</td>
</tr>
<tr>
<td>New Smyrna Beach</td>
<td>386-427-6662</td>
<td>Claudia Dennis, Coast Guard Station/Ponce Inlet</td>
</tr>
<tr>
<td>Tequesta</td>
<td>561-575-4461</td>
<td>H.Charles Schaefer / Michelle Gamby, 19100 S.E. Federal Highway,</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>FAX:3478,</strong> Tequesta, FL 33469</td>
</tr>
<tr>
<td>(1) Miami</td>
<td>305-361-4290</td>
<td><strong>Larry Beerkircher,</strong> 75 Virginia Beach Dr.,</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>FAX:361-4282,</strong> Miami, FL 33149</td>
</tr>
<tr>
<td></td>
<td>305-361-4563</td>
<td>Pam Brown-Eyo, 75 Virginia Beach Dr.,</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>FAX:361-4460,</strong> Miami, FL 33149</td>
</tr>
<tr>
<td>Key West</td>
<td>305-294-1921</td>
<td>Edward J. Little, Jr., Federal Bldg. Rm. 208, 301 Simington St.</td>
</tr>
<tr>
<td></td>
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<td><strong>FAX: SAME,</strong> Key West, FL 33040</td>
</tr>
<tr>
<td>Naples</td>
<td>239-514-3474</td>
<td>Tom Herbert, 5659 Strand Ct., Suite 107</td>
</tr>
<tr>
<td></td>
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<td><strong>FAX: SAME,</strong> Naples, FL 34110</td>
</tr>
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<thead>
<tr>
<th>CITY</th>
<th>TELEPHONE NUMBER</th>
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<tbody>
<tr>
<td><strong>SOUTH ATLANTIC AND GULF:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>St. Petersburg</td>
<td>727-551-5793</td>
<td>Renee Roman / Pam Machuga, 263 13th Avenue, South, St. Petersburg, FL 33701</td>
</tr>
<tr>
<td></td>
<td>727-824-5373</td>
<td>Jay Boulet, Address and Fax number same as above.</td>
</tr>
<tr>
<td>Panama City</td>
<td>850-234-6544</td>
<td>Deborah Fable / June Weeks, 3500 Delwood Beach Rd., Panama City, FL 32407</td>
</tr>
<tr>
<td></td>
<td>234-3559</td>
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<tr>
<td>Mobile</td>
<td>334-441-6193</td>
<td>Ted Flowers, 8501 Tanner Williams Rd., P.O. Box 97, Mobile, AL 36608</td>
</tr>
<tr>
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<td>SAME</td>
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<tr>
<td>Pascagoula</td>
<td>228-549-1611</td>
<td>Charles Armstrong, 3209 Frederic St., P.O. Box</td>
</tr>
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<td>SAME</td>
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<tr>
<td>New Orleans</td>
<td>504-365-0314</td>
<td>Debbie Batiste / Jill Jensen, Naval Support Activity, 2300 General</td>
</tr>
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<td>SAME</td>
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<tr>
<td>Golden Meadow</td>
<td>985-632-4324</td>
<td>Gary J. Rousse, (15063 East Main, Cut Off, LA), P.O.Box 623, Golden Meadow, LA 70357</td>
</tr>
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<tr>
<td>Houma</td>
<td>504-872-3321</td>
<td>Kathleen Hebert, 425 Lafayette St., Rm. 128,</td>
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<tr>
<td></td>
<td>SAME</td>
<td>Houma, LA 70360</td>
</tr>
<tr>
<td>Lafayette</td>
<td>337-291-2119</td>
<td>Linda F. Guidry, NOAA Fisheries Lab., 646 Cajundome Blvd., Room 220</td>
</tr>
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<tr>
<td>Port Arthur</td>
<td>409-833-9618</td>
<td>Albert Gabel, 350 Magnolia Ave.#170</td>
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<td>SAME</td>
<td>Beaumont, TX 77701</td>
</tr>
<tr>
<td>Galveston</td>
<td>409-766-3515</td>
<td>Keith Roberts, 4700 Avenue U, Bldg. 302</td>
</tr>
<tr>
<td></td>
<td>SAME</td>
<td>Galveston, TX 77551</td>
</tr>
<tr>
<td>Freeport</td>
<td>979-233-4551</td>
<td>Michelle Padgett, 200 W. Second Street, Suite 213, P.O.Box 2533, Freeport, TX 77542</td>
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<tr>
<td>Brownsville/Port Isabel</td>
<td>956-548-2516</td>
<td>Kit Doncaster, 1000 Everglades Rd.</td>
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<td>SAME</td>
<td>Brownsville, TX 78521</td>
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<tr>
<td><strong>SOUTHWEST PACIFIC:</strong></td>
<td></td>
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<tr>
<td>(1) Long Beach, CA</td>
<td>562-980-4040</td>
<td>Mark Helvey, 501 West Ocean Boulevard, Rm. 4200, P.O. Box 32469, Long Beach, CA 90832</td>
</tr>
<tr>
<td></td>
<td>980-4047</td>
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<tr>
<td><strong>NORTHWEST PACIFIC:</strong></td>
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<tr>
<td>(1) Seattle</td>
<td>206-526-6113</td>
<td>Stephen Freese, Bldg. 1, 7600 Sand Point Way, NE, Seattle, WA 98115</td>
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<tr>
<td></td>
<td>526-6736</td>
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<td><strong>ALASKA:</strong></td>
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<tr>
<td>(1) Juneau</td>
<td>907-586-7010</td>
<td>Jennifer Mondragon, Federal Building, 4th Floor, 709 West 9th St., P.O. Box 21668, Juneau, AK 99802</td>
</tr>
<tr>
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<td>586-7465</td>
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<td><strong>PACIFIC ISLANDS:</strong></td>
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<tr>
<td>(1) Honolulu</td>
<td>808-983-5330</td>
<td>David Hamm, 2570 Dole Street</td>
</tr>
<tr>
<td></td>
<td>983-2902</td>
<td>Honolulu, HI 96822-2396</td>
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Leon C. Cammen  
**National Sea Grant Extension Leader**  
National Sea Grant Office/NOAA  
1315 East-West Highway, Room 11716  
Silver Spring, MD 20910  
(301) 743-1088 FAX: 713-1031  
leon.cammen@noaa.gov

Karl Havens  
**Florida Sea Grant - Univ. of FL**  
Bldg 803 McCarty Drive  
Box 110400  
Gainesville, FL 32611-0400  
(352) 392-5870 FAX: 392-5113  
khavens@ufl.edu

Jonathan Kramer  
**Maryland Sea Grant - Univ. of MD**  
4321 Hartwick Road, Suite 300  
College Park, MD 20740  
(301) 405-7500 x10 FAX: 314-5780  
kramer@mdsg.umd.edu

Chryssostomos Chryssostomidis  
**MIT Sea Grant - Massachusetts Institute of Technology**  
Building E38-330/Kendall Square  
292 Main Street  
Cambridge, MA 02139-9910  
(617) 253-7131 FAX: 258-5730  
chrys@mit.edu

Russell A. Moll  
**California Sea Grant**  
University of California, San Diego  
9500 Gilman Drive  
La Jolla, CA 92037-0232  
(858) 534-4440 FAX: 534-2231  
rmall@ucsd.edu

E. Gordon Grau  
**Hawaii Sea Grant - Univ. of HI**  
2525 Correa Road, HIG 238  
Honolulu, HI 96822  
(808) 956-7031 FAX: 956-3014  
sgdir@hawaii.edu

Jeff Gunderson  
**Minnesota Sea Grant - Univ. of MN.**  
144 Chester Park  
31 West College Street  
Duluth, MN 55812-1445  
(218) 726-8715 FAX: 726-6556  
gunder1@umn.edu

Linda E. Duguay  
**Southern California Sea Grant Program**  
3616 Trousdale Parkway - AHF 209F  
Los Angeles, CA 90089-0373  
(213) 821-1335 FAX: 740-5936  
duguay@usc.edu

Brian K. Miller  
**Illinois-Indiana Sea Grant**  
1101 W. Peabody Drive  
376 National Soybean Research Center, MC-635  
Urbana, IL 61801  
(217) 333-6444 FAX: 333-8046  
millerbk@uiuc.edu

James Diana  
**Michigan Sea Grant**  
Samuel T. Dana Building, G128a  
440 Church Street, Suite 4044  
Ann Arbor, Michigan 48109-1041  
(734) 763-5834 FAX: 647-0768  
jimd@umich.edu

Sylvain De Guise, Director  
**Connecticut Sea Grant, Univ. of CT**  
1080 Shennecossett Road  
Groton, CT 06340-6097  
(860) 405-9138 FAX: 405-9109  
sylvain.deguise@uconn.edu

Charles Wilson  
**Louisiana Sea Grant LA State Univ**  
239 Sea Grant Building  
Baton Rouge, LA 70803-7507  
(225) 578-6710 FAX: 578-6331  
cwilson@lsu.edu

LaDon Swann  
**MS-AL Sea Grant Consortium**  
703 East Beach Drive  
Ocean Springs, MS 39564  
(228) 818-8843 FAX: 818-8841  
swanndl@auburn.edu

Paul Anderson  
**Maine Sea Grant - Univ. of ME**  
5784 York Complex  
Orono, ME 04469-5784  
(207) 581-1435 FAX: 581-1426  
panderson@maine.edu

Paul Anderson  
**Maine Sea Grant - Univ. of ME**  
5784 York Complex  
Orono, ME 04469-5784  
(207) 581-1435 FAX: 581-1426  
panderson@maine.edu

Nancy Targett  
**Delaware Sea Grant - Univ of DE**  
111 Robinson Hall  
Newark, DE 19716-3501  
(302) 831-2841 FAX: 831-4389  
ntargett@udel.edu

Jeff Gunderson  
**Minnesota Sea Grant - Univ. of MN.**  
144 Chester Park  
31 West College Street  
Duluth, MN 55812-1445  
(218) 726-8715 FAX: 726-6556  
gunder1@umn.edu

LaDon Swann  
**MS-AL Sea Grant Consortium**  
703 East Beach Drive  
Ocean Springs, MS 39564  
(228) 818-8843 FAX: 818-8841  
swanndl@auburn.edu

Linda E. Duguay  
**Southern California Sea Grant Program**  
3616 Trousdale Parkway - AHF 209F  
Los Angeles, CA 90089-0373  
(213) 821-1335 FAX: 740-5936  
duguay@usc.edu

Sylvain De Guise, Director  
**Connecticut Sea Grant, Univ. of CT**  
1080 Shennecossett Road  
Groton, CT 06340-6097  
(860) 405-9138 FAX: 405-9109  
sylvain.deguise@uconn.edu

Nancy Targett  
**Delaware Sea Grant - Univ of DE**  
111 Robinson Hall  
Newark, DE 19716-3501  
(302) 831-2841 FAX: 831-4389  
ntargett@udel.edu

Palula Cullenberg  
**AK Sea Grant Marine Advisory Program**  
1007 W 3rd Ave Ste 100  
Anchorage, AK 99501  
(907) 274-9692 FAX: 277-5242  
anpjc@uaa.alaska.edu

Russell A. Moll  
**California Sea Grant**  
University of California, San Diego  
9500 Gilman Drive  
La Jolla, CA 92037-0232  
(858) 534-4440 FAX: 534-2231  
rmall@ucsd.edu

Sylvain De Guise, Director  
**Connecticut Sea Grant, Univ. of CT**  
1080 Shennecossett Road  
Groton, CT 06340-6097  
(860) 405-9138 FAX: 405-9109  
sylvain.deguise@uconn.edu

Nancy Targett  
**Delaware Sea Grant - Univ of DE**  
111 Robinson Hall  
Newark, DE 19716-3501  
(302) 831-2841 FAX: 831-4389  
ntargett@udel.edu
SEA GRANT EXTENSION PROGRAM

Jonathan Pennock  
New Hampshire Sea Grant  
University of New Hampshire  
Jere A. Chase Ocean Engineering Lab.  
24 Colovos Road  
Durham, NH 03824-3505  
(603) 862-2921 FAX: 862-0243  
jonathan.pennock@unh.edu

Stephen Brandt  
Oregon Sea Grant- OR State Univ.  
322 Kerr Administration Building  
Corvallis, OR 97331-2131  
(541) 737-3396 FAX: 737-7958  
stephen.brandt@oregonstate.edu

Robert R. Stickney  
Texas Sea Grant - TX A&M Univ.  
2700 Earl Rudder Fwy South, Suite 1800  
College Station, TX 77845  
(979) 845-3854 FAX: 845-7525  
stickney@tamu.edu

Peter Rowe  
New Jersey Sea Grant  
NJ Marine Science Consortium  
22 Magruder Road  
Fort Hancock, NJ 07732  
(732) 872-1300 ext. 21 FAX: 872-9573  
prowe@njmsc.org

Jonathan Pennock  
New Hampshire Sea Grant  
University of New Hampshire  
Jere A. Chase Ocean Engineering Lab.  
24 Colovos Road  
Durham, NH 03824-3505  
(603) 862-2921 FAX: 862-0243  
jonathan.pennock@unh.edu

Stephen Brandt  
Oregon Sea Grant- OR State Univ.  
322 Kerr Administration Building  
Corvallis, OR 97331-2131  
(541) 737-3396 FAX: 737-7958  
stephen.brandt@oregonstate.edu

Robert R. Stickney  
Texas Sea Grant - TX A&M Univ.  
2700 Earl Rudder Fwy South, Suite 1800  
College Station, TX 77845  
(979) 845-3854 FAX: 845-7525  
stickney@tamu.edu

James W. Ammerman  
New York Sea Grant  
State University of New York  
121 Discovery Hall  
Stony Brook, NY 11794-5001  
(631) 632-6906 FAX: 632-6917  
jamess.ammerman@stonybrook.edu

Barry A. Costa-Pierce  
Rhode Island Sea Grant  
University of Rhode Island  
Graduate School of Oceanography  
129 Coastal Institute Building  
Narragansett, RI 02882-1197  
(401) 874-6800 FAX: 789-8340  
bcwp@gso.uri.edu

Penelope D. Dalton  
Washington Sea Grant - Univ. of WA  
Box 355060  
3716 Brooklyn Avenue, N.E.  
Seattle, WA 98105-6716  
(206) 543-6600 FAX: 685-0380  
pdalton@u.washington.edu

Jeffrey M. Reutter  
Ohio Sea Grant - OH State Univ.  
1314 Kinnear Road, Room 100  
Columbus, OH 43212-1194  
(614) 292-8949 FAX: 292-4364  
reutter.1@osu.edu

M. Richard DeVoe  
SC Sea Grant Consortium  
287 Meeting Street  
Charleston, SC 29401  
(843) 727-2078 FAX: 727-2080  
Rick.Devoe@scseagrant.org

Anders W. Andren  
Wisconsin Sea Grant - Univ. of WI  
Goodnight Hall, Floor 2  
1975 Willow Drive  
Madison, WI 53706-1177  
(608) 262-0905 FAX: 262-0591  
awandren@seagrant.wisc.edu

Michael Voiland  
North Carolina Sea Grant, NC State Univ.  
Box 8605  
1575 Varisty Drive, Module 1  
Raleigh, NC 27695-8605  
(919) 515-2455 FAX: 515-7095  
michael_voiland@ncsu.edu

Rick. Devoe@scseagrant.org

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ANADROMOUS SPECIES. These are species of fish that mature in the ocean, and then ascend streams to spawn in freshwater. In the Magnuson -Stevens 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 non-leavened 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. 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 -Stevens 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 (tener) 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 accumulation 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.** EU 27 Countries: Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, 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.
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 (Magnuson-Stevens 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.
**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, 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.
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SEAFood iNSPECTION PROGRAM. (NOAA) oversees fisheries management in the United States. Under authority in the 1946 Agricultural Marketing Act, the NOAA Seafood Inspection Program provides inspection services for fish, shellfish, and fishery products to the industry. The NOAA Seafood Inspection Program is often referred to as the U.S. Department of Commerce (USDC) Seafood Inspection Program and uses marks and documents bearing the USDC moniker. The NOAA Seafood Inspection Program offers a variety of services which assure compliance with all applicable food regulations. The Program offers sanitation inspection as well as system and process auditing in facilities, on vessels, or other processing establishments in order to be designated as official establishments. Product quality evaluation, grading and certification services are available on a product lot basis. Certain products may be eligible to bear official marks, such as the U.S. Grade A, Processed Under Federal Inspection (PUFI) and Lot Inspection. All edible product forms ranging from whole fish to formulated products, as well as fish meal products used for animal foods, are eligible for inspection and certification. The U.S. Department of Agriculture recommends that USDC inspected fishery products be purchased for its food feeding programs. The USDC PARTICIPANTS LIST FOR FIRMS, FACILITIES AND PRODUCTS provides a listing of products and participants who contract with USDC.

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. These services can be provided nationwide, in U.S. territories, and in foreign countries. The program is a competent authority within the U.S. Government for issuance of health certificates for export of fish and fishery products to foreign countries. The official government forms and certificates issued by USDC inspectors are legal documents recognized in any U.S. court.

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 Program 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 a sanitarily 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 is certified to be safe, wholesome and properly labeled, conforms to quality and other criteria in the approved specification, and has been officially inspected in a participating establishment under Federal inspection.

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. Participants qualify to utilize the Retail Mark by contracting for sanitation services and associated product evaluation. Use of the retail mark gives retail firms the opportunity to advertise on banners, logos, and/or menus that their facility is recognized by the 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 mark may be used alone or in conjunction with existing grade marks to distinguish that the product was produced under the HACCP Quality Management Program. Participants receive the marketing benefits of using the HACCP mark on brochures, banners, and company labels.

FOR FURTHER INFORMATION:
U.S. Department of Commerce, NOAA/NMFS
Seafood Inspection Division - F/SI
1315 East-West Highway
Silver Spring, MD 20910
(301) 713-2355 (FAX: 713-1081)
Toll Free: 1-800-422-2750
Internet: http://seafood.nmfs.noaa.gov