### 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 and industrial uses are subtracted out. The remaining total is divided by the U.S. population 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 14.4 pounds (edible meat) in 2012. This total was 0.6 pounds less than the 15.0 pounds consumed in 2011. Primarily this decrease resulted from a decrease in the domestic landings utilized for food (as opposed to industrial purposes) and a 0.7 percent increase in the U.S. population from 2011. While domestic production of canned tuna was largely unchanged from 2011, per capita consumption of canned tuna decreased from 2.6 pounds in 2011 to 2.4 pounds in 2012 due to a decrease in imports and an increase in exports.

Per capita consumption of fresh and frozen products was 10.5 pounds, a decrease of 0.4 pounds from 2011. Fresh and frozen finfish accounted for 5.6 pounds, while fresh and frozen shellfish consumption was 4.9 pounds per capita.

Consumption of canned fishery products was 3.6 pounds per capita in 2012, down 0.2 pounds from 2011. Cured fish accounted for 0.3 pound per capita, the same as in previous years.

In previous volumes of Fisheries of the United States, NOAA has reported the percent of edible seafood consumption that is made up of imports. This measure has been rising in recent years reflecting the increase in imported seafood. Using the same model

assumptions the corresponding figure for 2012 would be 94 percent. However, NOAA Fisheries believes that the existing model may overestimate this percentage. The calculation is made by converting all imports, exports, domestic landings, and domestic processing into a common standard, edible meat weight. Numerous conversion factors are used to get to this edible meat weight standard, and the accuracy and variability of these various factors is likely to effect the overall calculation. In addition, this figure may include a substantial amount of domestic catch that was exported for further processing and returned to the United States as an import in a processed form. Therefore, while seafood imports do appear to be rising, the exact figure is difficult to know precisely. NOAA Fisheries plans to investigate better ways to report consumption and indicate our dependence on imported seafood.

### 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 2012 was 66.1 pounds, down 1.6 pounds compared with 2011.

#### WORLD CONSUMPTION

The FAO calculation for apparent consumption is based on a disappearance model. The three year average considers, on a round weight equivalent basis, a countries landings, imports, and exports. The 2008-2010 average data indicates that the U.S. 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 resident population of the United States as of July 1 of each year.

|                     | Civilian Resident        | Per capita consumption |                |            |              |  |
|---------------------|--------------------------|------------------------|----------------|------------|--------------|--|
| Year                | Population July 1<br>(1) | Fresh and frozen (2)   | Canned (3)     | Cured (4)  | Total        |  |
|                     | Million persons          |                        | eounds, edible |            |              |  |
| 1910                | 92.2                     | 4.5                    | 2.8            | 3.9        | 11.2         |  |
| 1920                | 106.5                    | 6.3                    | 3.2            | 2.3        | 11.8         |  |
| 1930                | 122.9                    | 5.8                    | 3.4            | 1.0        | 10.2         |  |
| 1940                | 132.1                    | 5.7                    | 4.6            | 0.7        | 11.0         |  |
| 1950                | 150.8                    | 6.3                    | 4.9            | 0.6        | 11.8         |  |
| 1960                | 178.1                    | 5.7                    | 4.0            | 0.6        | 10.3         |  |
| 1970                | 201.9                    | 6.9                    | 4.5            | 0.4        | 11.8         |  |
| 1980                | 225.6                    | 7.9                    | 4.3            | 0.3        | 12.5         |  |
| 1985                | 236.2                    | 9.8                    | 5.0            | 0.3        | 15.1         |  |
| 4000                | 0.47.0                   | 0.0                    | 5.4            | 0.0        | 45.0         |  |
| <b>1990</b><br>1991 | 247.8<br>250.5           | 9.6<br>9.7             | 5.1<br>4.9     | 0.3<br>0.3 | 15.0<br>14.9 |  |
| 1991                | 250.5                    | 9.9                    | 4.9            | 0.3        | 14.9         |  |
| 1993                | 256.4                    | 10.2                   | 4.5            | 0.3        | 15.0         |  |
| 1994                | 259.2                    | 10.4                   | 4.5            | 0.3        | 15.2         |  |
| 1995                | 261.4                    | 10.0                   | 4.7            | 0.3        | 15.0         |  |
| 1996                | 264.0                    | 10.0                   | 4.5            | 0.3        | 14.8         |  |
| 1997                | 266.4                    | 9.9                    | 4.4            | 0.3        | 14.6         |  |
| 1998                | 269.1                    | 10.2                   | 4.4            | 0.3        | 14.9         |  |
| 1999                | 271.5                    | 10.4                   | 4.7            | 0.3        | 15.4         |  |
| 2000                | 280.9                    | 10.2                   | 4.7            |            | 15.2         |  |
| 2001                | 283.6                    | 10.3                   | 4.2            |            | 14.8         |  |
| 2002                | 287.1                    | 11.0                   | 4.3            | 0.3        | 15.6         |  |
| 2003 (5)            | 289.6                    | 11.4                   | 4.6            | 0.3        | 16.3         |  |
| 2004                | 292.4                    | 11.8                   | 4.5            | 0.3        | *16.6        |  |
| 2005                | 295.3                    | 11.6                   | 4.3            | 0.3        | 16.2         |  |
| 2006<br>2007        | 298.2<br>300.5           | *12.3<br>12.1          | 3.9<br>3.9     | 0.3        | 16.5<br>16.3 |  |
| 2007                | 300.5                    | 12.1                   | 3.9            | 0.3        | 16.3         |  |
| 2008                | 302.9                    | 12.0                   | 3.7            | 0.3        | 16.0         |  |
| 2010                | 308.4                    | 11.6                   | 3.9            | 0.3        | 15.8         |  |
| 2010                | 310.4                    | 10.9                   | 3.8            | 0.3        | 15.0         |  |
| 2011                | 312.7                    | 10.5                   | 3.6            | 0.3        | 14.4         |  |

U.S. ANNUAL PER CAPITA CONSUMPTION OF COMMERCIAL FISH AND SHELLFISH, 1910-2012

(1) Resident population is used for 1910 and 1920 and civilian resident population is used since 1930.

(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.

# Per Capita Consumption U.S. Consumption

|        | Salmon | Sardines | IMPTION OF CA | Shellfish | Other | Total |
|--------|--------|----------|---------------|-----------|-------|-------|
| Year – |        |          | Poun          |           |       |       |
| 1984   | 0.6    | 0.2      | 3.2           | 0.4       | 0.5   | 4.9   |
| 1985   | 0.5    | 0.3      | 3.3           | 0.5       | 0.4   | 5.0   |
| 1986   | 0.5    | 0.3      | 3.6           | 0.5       | 0.5   | 5.4   |
| 1987   | 0.4    | 0.3      | 3.5           | 0.5       | 0.5   | 5.2   |
| 1988   | 0.3    | 0.3      | 3.6           | 0.4       | 0.3   | 4.9   |
| 1989   | 0.3    | 0.3      | 3.9           | 0.4       | 0.2   | 5.2   |
| 1990   | 0.4    | 0.3      | 3.7           | 0.3       | 0.4   | 5.1   |
| 1991   | 0.5    | 0.2      | 3.6           | 0.4       | 0.2   | 4.9   |
| 1992   | 0.5    | 0.2      | 3.5           | 0.3       | 0.1   | 4.6   |
| 1993   | 0.4    | 0.2      | 3.5           | 0.3       | 0.1   | 4.5   |
| 1994   | 0.4    | 0.2      | 3.3           | 0.3       | 0.3   | 4.5   |
| 1995   | 0.5    | 0.2      | 3.4           | 0.3       | 0.3   | 4.7   |
| 1996   | 0.5    | 0.2      | 3.2           | 0.3       | 0.3   | 4.5   |
| 1997   | 0.4    | 0.2      | 3.1           | 0.3       | 0.4   | 4.4   |
| 1998   | 0.3    | 0.2      | 3.4           | 0.3       | 0.2   | 4.4   |
| 1999   | 0.3    | 0.2      | 3.5           | 0.4       | 0.3   | 4.7   |
| 2000   | 0.3    | 0.2      | 3.5           | 0.3       | 0.4   | 4.7   |
| 2001   | 0.4    | 0.2      | 2.9           | 0.3       | 0.4   | 4.2   |
| 2002   | 0.5    | 0.1      | 3.1           | 0.3       | 0.3   | 4.3   |
| 2003   | 0.4    | 0.1      | 3.4           | 0.4       | 0.3   | 4.6   |
| 2004   | 0.3    | 0.1      | 3.3           | 0.4       | 0.4   | 4.5   |
| 2005   | 0.4    | 0.1      | 3.1           | 0.4       | 0.3   | 4.3   |
| 2006   | 0.2    | 0.2      | 2.9           | 0.4       | 0.2   | 3.9   |
| 2007   | 0.3    | 0.2      | 2.7           | 0.4       | 0.3   | 3.9   |
| 2008   | 0.1    | 0.2      | 2.8           | 0.4       | 0.4   | 3.9   |
| 2009   | 0.2    | 0.2      | 2.5           | 0.4       | 0.4   | 3.7   |
| 2010   | 0.2    | 0.2      | 2.7           | 0.4       | 0.4   | 3.9   |
| 2011   | 0.2    | 0.2      | 2.6           | 0.4       | 0.4   | 3.8   |
| 2012   | 0.2    | 0.2      | 2.4           | 0.4       | 0.4   | 3.6   |

### Per Capita Consumption —

| Year | Fillets and steaks (1) | Sticks and portions | Shrimp, all preparation |
|------|------------------------|---------------------|-------------------------|
|      |                        | Pounds (2)          |                         |
| 1984 | 3.0                    | 1.8                 | 1.9                     |
| 1985 | 3.2                    | 1.8                 | 2.0                     |
| 1986 | 3.4                    | 1.8                 | 2.2                     |
| 1987 | 3.6                    | 1.7                 | 2.4                     |
| 1988 | 3.2                    | 1.5                 | 2.4                     |
| 1989 | 3.1                    | 1.5                 | 2.3                     |
|      |                        |                     |                         |
| 1990 | 3.1                    | 1.5                 | 2.2                     |
| 1991 | 3.0                    | 1.2                 | 2.4                     |
| 1992 | 2.9                    | 0.9                 | 2.5                     |
| 1993 | 2.9                    | 1.0                 | 2.5                     |
| 1994 | 3.1                    | 0.9                 | 2.6                     |
| 1995 | 2.9                    | 1.2                 | 2.5                     |
| 1996 | 3.0                    | 1.0                 | 2.5                     |
| 1997 | 3.0                    | 1.0                 | 2.7                     |
| 1998 | 3.2                    | 0.9                 | 2.8                     |
| 1999 | 3.2                    | 1.0                 | 3.0                     |
|      |                        |                     |                         |
| 2000 | 3.6                    | 0.9                 | 3.2                     |
| 2001 | 3.7                    | 0.8                 | 3.4                     |
| 2002 | 4.1                    | 0.8                 | 3.7                     |
| 2003 | 4.3                    | 0.7                 | 4.0                     |
| 2004 | 4.6                    | 0.7                 | 4.2                     |
| 2005 | 5.0                    | 0.9                 | 4.1                     |
| 2006 | *5.2                   | 0.9                 | *4.4                    |
| 2007 | 5.0                    | 0.9                 | 4.1                     |
| 2008 | 4.8                    | 1.0                 | 4.1                     |
| 2009 | 4.6                    | 0.7                 | 4.1                     |
|      |                        |                     |                         |
| 2010 | 5.0                    | 0.9                 | 4.0                     |
| 2011 | 5.0                    | 0.9                 | 4.2                     |
| 2012 | 5.6                    | 0.7                 | 3.8                     |

#### U.S. ANNUAL PER CAPITA CONSUMPTION OF CERTAIN FISHERY ITEMS, 1984-2012

(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 \_\_\_\_\_

### PER CAPITA CONSUMPTION OF FISH AND SHELLFISH FOR HUMAN FOOD, BY REGION AND COUNTRY, 2008- 2010 AVERAGE

|                                     | Estimated live weight |               |                            | Estimated live weight |               |
|-------------------------------------|-----------------------|---------------|----------------------------|-----------------------|---------------|
| Region and Country                  | Kilograms Pounds      |               | Region and Country         | equivalent            |               |
|                                     |                       |               |                            | Kilograms             | Pounds        |
| North America:                      | 07.0                  | 04.5          | Bosnia-Herzegovina         | 6.3                   |               |
| Bermuda<br>Canada                   | 37.0<br>22.7          | 81.5<br>50.0  | Bulgaria<br>Croatia        | 6.3<br>19.0           | 14.0<br>42.0  |
| Greenland                           | 87.2                  | 192.2         | Czech Republic             | 10.3                  | 22.7          |
| Saint Pierre & Miquelon             | 71.9                  | 158.5         | Denmark                    | 22.8                  | 50.2          |
| United States                       | 21.9                  | 48.4          | Estonia                    | 16.5                  | 36.3          |
|                                     |                       |               | Faroe Island               | 92.5                  | 203.9         |
| Caribbean:                          |                       | (00.0         | Finland                    | 34.7                  | 76.5          |
| Anguilla                            | 60.1                  | 132.6         | France<br>Georgia          | 33.8<br>7.8           | 74.6<br>17.3  |
| Antigua and Barbuda<br>Aruba        | 54.6<br>39.1          | 120.3<br>86.2 | Germany                    | 15.6                  | 34.4          |
| Bahamas                             | 31.1                  | 68.6          | Greece                     | 20.6                  | 45.4          |
| Barbados                            | 41.2                  | 90.8          | Hungary                    | 5.4                   | 12.0          |
| British Virgin Islands              | 34.8                  | 76.8          | Iceland                    | 91.4                  | 201.5         |
| Cayman Islands                      | 15.3                  | 33.8          | Ireland                    | 22.4                  | 49.3          |
| Cuba                                | 7.7                   | 16.9          | Italy                      | 25.0                  | 55.0          |
| Dominica                            | 33.8                  | 74.4          | Kazakhstan                 | 4.5                   | 9.8           |
| Dominican Republic                  | 9.2                   | 20.3          | Kyrgyzstan                 | 2.1                   | 4.6           |
| Grenada                             | 38.9                  | 85.9<br>48.4  | Latvia<br>Lithuania        | 17.5<br>40.5          | 38.5<br>89.3  |
| Guadeloupe<br>Haiti                 | 21.9<br>4.0           | 40.4<br>8.8   | Luxembourg                 | 27.3                  | 60.1          |
| Jamaica                             | 26.0                  | 57.4          | Macedonia                  | 6.2                   | 13.6          |
| Martinique                          | 14.6                  | 32.1          | Malta                      | 31.6                  | 69.7          |
| Montserrat                          | 27.1                  | 59.7          | Moldova                    | 14.7                  | 32.4          |
| Netherland Antilles                 | 20.1                  | 44.4          | Montenegro                 | 10.7                  | 23.5          |
| Puerto Rico                         | 0.5                   | 1.1           | Netherlands                | 22.7                  | 50.0          |
| Saint Kitts & Nevis                 | 38.2                  | 84.1          | Norway                     | 53.1                  | 117.1         |
| Saint Lucia                         | 30.6                  | 67.5          | Poland                     | 10.9                  | 23.9          |
| Saint Vincent                       | 18.1                  | 39.9          | Portugal<br>Romania        | 61.5<br>6.4           | 135.6<br>14.2 |
| Trinidad & Tobago<br>Turks & Caicos | 19.7<br>34.5          | 43.4<br>76.1  | Russian Federation         | 22.3                  | 49.2          |
| U.S. Virgin Islands                 | 9.4                   | 20.6          | Serbia                     | 5.6                   | 12.4          |
|                                     | 0.1                   | 20.0          | Slovakia                   | 7.9                   | 17.4          |
| Latin America:                      |                       |               | Slovenia                   | 10.8                  | 23.8          |
| Argentina                           | 6.4                   | 14.1          | Spain                      | 42.8                  | 94.3          |
| Belize                              | 10.5                  | 23.1          | Sweden                     | 32.1                  | 70.7          |
| Bolivia                             | 2.1                   | 4.6           | Switzerland                | 17.5                  |               |
| Brazil                              | 8.3                   | 18.2          | Tajikistan<br>Turkmenistan | 0.3<br>3.4            | 0.7<br>7.6    |
| Chile                               | 22.9                  | 50.5          | Ukraine                    | 17.0                  | 37.5          |
| Colombia<br>Costa Rica              | 5.5<br>9.8            | 12.2<br>21.6  | United Kingdom             | 21.1                  | 46.6          |
| Ecuador                             | 7.9                   | 17.5          | Uzbekistan                 | 0.5                   | 1.0           |
| El Salvador                         | 5.8                   | 12.9          |                            |                       |               |
| Falkland Islands                    | 38.6                  | 85.1          | Near East:                 |                       |               |
| French Guiana                       | 18.1                  | 39.8          | Afghanistan                | 0.0                   |               |
| Guatemala                           | 1.8                   | 3.9           | Bahrain                    | 14.7                  | 32.5          |
| Guyana                              | 21.9                  | 48.2          | Cyprus                     | 22.0                  |               |
| Honduras                            | 4.6                   | 10.1          | Egypt                      | 18.6                  | 41.1          |
| Mexico                              | 12.7                  | 28.0          | Iran                       | 7.4<br>3.0            | 16.4<br>6.7   |
| Nicaragua<br>Panama                 | 5.1<br>14.0           | 11.2<br>30.8  | lraq<br>Israel             | 21.4                  | 47.3          |
| Paraguay                            | 14.0                  | 2.4           | Jordan                     | 7.1                   | 15.7          |
| Peru                                | 22.4                  | 49.4          | Kuwait                     | 18.1                  | 39.8          |
| Suriname                            | 16.7                  | 36.7          | Lebanon                    | 10.7                  | 23.5          |
| Uruguay                             | 9.3                   | 20.5          | Libya                      | 12.0                  | 26.5          |
| Venezuela                           | 13.7                  | 30.1          | Oman                       | 28.8                  | 63.4          |
|                                     |                       |               | Qatar                      | 18.3                  | 40.4          |
| Europe:                             |                       |               | Saudi Arabia               | 8.3                   | 18.3          |
| Albania                             | 6.0                   | 13.3          | Sudan                      | 1.8                   |               |
| Armenia                             | 3.2                   | 7.0           | Syria<br>Turkey            | 3.3<br>7.5            |               |
| Austria                             | 13.9                  | 30.7          | United Arab Emirates       | 27.4                  | 60.3          |
| Azerbaijan<br>Belarus               | 2.1<br>17.7           | 4.7<br>39.1   | Yemen                      | 3.0                   | 6.6           |
| Belgium                             | 26.0                  | 57.3          |                            | 5.0                   | 0.0           |

# Per Capita Consumption -

### PER CAPITA CONSUMPTION OF FISH AND SHELLFISH FOR HUMAN FOOD, BY REGION AND COUNTRY, 2008- 2010 AVERAGE

|                               | Estimated live weight |              |  |
|-------------------------------|-----------------------|--------------|--|
| Region and Country            | equivalent            |              |  |
|                               | Kilograms             | Pounds       |  |
| Far East:                     | 10 /                  | 10.6         |  |
| Bangladesh<br>Bhutan          | 18.4<br>5.0           | 40.6<br>11.1 |  |
| Brunei                        | 24.5                  | 54.0         |  |
| Burma                         | 50.8                  | 111.9        |  |
| Cambodia                      | 34.1                  | 75.1         |  |
| China                         | 31.9                  | 70.2         |  |
| China - Hong Kong             | 71.1                  | 156.8        |  |
| China - Macao                 | 57.7                  | 127.2        |  |
| China - Taipei<br>India       | 30.4<br>5.9           | 67.1<br>13.1 |  |
| Indonesia                     | 26.0                  | 57.3         |  |
| Japan                         | 55.2                  | 121.7        |  |
| Laos                          | 17.2                  | 37.8         |  |
| Malaysia                      | 58.9                  | 129.9        |  |
| Maldives                      | 145.7                 | 321.2        |  |
| Mongolia                      | 0.4                   | 0.9          |  |
| Nepal                         | 1.8                   | 3.9          |  |
| North Korea<br>Pakistan       | 10.8<br>1.9           | 23.8<br>4.2  |  |
| Philippines                   | 35.7                  | 78.6         |  |
| Singapore                     | 46.0                  | 101.5        |  |
| South Korea                   | 59.8                  | 131.7        |  |
| Sri Lanka                     | 23.2                  | 51.1         |  |
| Thailand                      | 25.7                  | 56.8         |  |
| Timor-Leste                   | 3.5                   | 7.7          |  |
| Viet Nam                      | 33.8                  | 74.4         |  |
| Africa:                       |                       |              |  |
| Allgeria                      | 4.6                   | 10.1         |  |
| Angola                        | 16.1                  | 35.6         |  |
| Benin                         | 14.7                  | 32.5         |  |
| Botswana                      | 3.2                   | 7.1          |  |
| Burkina Faso                  | 3.5                   | 7.7          |  |
| Burundi                       | 2.2<br>18.0           | 4.9          |  |
| Cameroon<br>Cape Verde        | 23.9                  | 39.8<br>52.7 |  |
| Central African Republic      | 8.4                   | 18.5         |  |
| Chad                          | 3.7                   | 8.2          |  |
| Comoros                       | 29.4                  | 64.7         |  |
| Congo (Brazzaville)           | 5.4                   | 11.9         |  |
| Congo (Kinshasa)              | 18.6                  |              |  |
| Côte d'Ivoire                 | 18.2                  | 40.1         |  |
| Djibouti<br>Equatorial Guinea | 17.2<br>25.9          | 38.0<br>57.2 |  |
| Equatorial Guinea             | 0.5                   | 1.1          |  |
| Ethiopia                      | 0.2                   | 0.5          |  |
| Gabon                         | 34.5                  | 76.1         |  |
| Gambia                        | 27.8                  | 61.3         |  |
| Ghana                         | 25.1                  | 55.4         |  |
| Guinea                        | 9.6                   | 21.2         |  |
| Guinea-Bissau<br>Kenya        | 2.3<br>3.4            | 5.1<br>7.6   |  |
| Lesotho                       | 0.7                   | 1.6          |  |
| Liberia                       | 2.9                   | 6.5          |  |
| Madagascar                    | 6.2                   | 13.6         |  |
| Malawi                        | 5.3                   | 11.7         |  |
| Mali                          | 7.9                   | 17.5         |  |
| Mauritania                    | 11.5                  | 25.4         |  |
| Mauritius                     | 22.5<br>12.8          | 49.5         |  |
| Morocco<br>Mozambique         | 6.5                   | 28.1<br>14.4 |  |
| wiozambique                   | 0.0                   | 14.4         |  |

| Design and Country    | Estimated live weight |        |  |
|-----------------------|-----------------------|--------|--|
| Region and Country    | equivalent            |        |  |
|                       | Kilograms             | Pounds |  |
| Namibia               | 12.9                  | 28.4   |  |
| Niger                 | 2.2                   | 4.8    |  |
| Nigeria               | 14.7                  | 32.5   |  |
| Rwanda                | 1.9                   | 4.1    |  |
| Saint Helena          | 60.0                  | 132.4  |  |
| Sao Tome and Principe | 28.2                  | 62.2   |  |
| Senegal               | 27.0                  | 59.5   |  |
| Seychelles            | 54.3                  | 119.6  |  |
| Sierra Leone          | 34.6                  | 76.3   |  |
| Somalia               | 3.1                   | 6.7    |  |
| South Africa          | 6.9                   | 15.2   |  |
| Swaziland             | 2.4                   | 5.4    |  |
| Tanzania              | 5.7                   | 12.5   |  |
| _ Togo                | 7.3                   | 16.1   |  |
| Tunisia               | 13.2                  | 29.1   |  |
| Uganda                | 13.2                  | 29.2   |  |
| Zambia                | 7.1                   | 15.7   |  |
| Zimbabwe              | 1.3                   | 2.9    |  |
| Oceania:              |                       |        |  |
| American Samoa        | 4.2                   | 9.3    |  |
| Australia             | 26.0                  | 57.3   |  |
| Cook Islands          | 64.7                  | 142.7  |  |
| Fiji                  | 35.1                  | 77.5   |  |
| French Polynesia      | 48.0                  | 105.9  |  |
| Kiribati              | 75.1                  | 165.6  |  |
| Marshall Islands      | 16.7                  | 36.9   |  |
| Micronesia            | 43.8                  | 96.6   |  |
| Nauru                 | 22.0                  | 48.5   |  |
| New Caledonia         | 26.7                  | 58.8   |  |
| New Zealand           | 26.0                  | 57.3   |  |
| Palau                 | 67.7                  | 149.2  |  |
| Papua New Guinea      | 17.0                  | 37.4   |  |
| Samoa                 | 48.7                  | 107.3  |  |
| Solomon Islands       | 31.9                  | 70.4   |  |
| Tonga                 | 32.1                  | 70.8   |  |
| Tuvalu                | 42.3                  | 93.2   |  |
| Vanuatu               | 32.7                  | 72.2   |  |
| Wallis & Futuna       | 53.6                  | 118.1  |  |
| World                 | 18.5                  | 40.8   |  |
| wona                  | 10.5                  | 40.0   |  |

Note: Data are preliminary and refer to per capita consumption of fish, crustaceans and mollusks.

Source: Food and Agriculture Organization of the United Nations (FAO)

### Per Capita Consumption

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, 1964-2012 (1)

|      | Total population |                  | Per capita utilization |         |       |
|------|------------------|------------------|------------------------|---------|-------|
|      | including armed  |                  |                        |         |       |
| Year | forces overseas  | U.S. supply      | Commercial             | Imports | Total |
|      | July 1           |                  | landings               |         |       |
|      | Million persons  | Million pounds   |                        | Pounds  |       |
| 1964 | 191.9            | 12,031           | 23.7                   | 39.0    | 62.7  |
| 1965 | 194.3            | 10,535           | 24.6                   | 29.6    | 54.2  |
| 1966 | 196.6            | 12,469           | 22.2                   | 41.2    | 63.4  |
| 1967 | 198.7            | 13,991           | 20.4                   | 50.0    |       |
| 1968 | 200.7            | 17,381           | 20.7                   | 65.9    |       |
| 1969 | 202.7            | 11,847           | 21.4                   | 37.0    | 58.4  |
| 1970 | 205.1            | 11,474           | 24.0                   | 31.9    | 55.9  |
| 1971 | 207.7            | 11,804           | 24.1                   |         | 56.8  |
| 1972 | 209.9            | 13,849           | 22.9                   |         |       |
| 1973 | 211.9            | 10,378           | 22.9                   |         |       |
| 1974 | 213.9            | 9,875            | 23.2                   | 23.0    |       |
| 1975 | 216.0            | 10,164           | 22.6                   | 24.5    | 47.1  |
| 1976 | 218.0            | 11,593           | 24.7                   |         | 53.2  |
| 1977 | 220.2            | 10,652           | 23.9                   | 20.0    | 48.3  |
| 1978 | 222.6            | 11,509           | 27.1                   | 24.6    | 51.7  |
| 1979 | 225.1            | 11,831           | 27.9                   | 24.0    | 52.6  |
| 1980 | 227.7            | 11 257           | 28.5                   | 21.4    | 49.9  |
| 1980 | 230.0            | 11,357<br>11,353 | 26.0                   |         |       |
|      | 230.0            | 12,011           |                        |         | 49.4  |
| 1982 | 232.2            | 12,011           | 27.4                   | 24.3    | 51.7  |
| 1983 | 234.3            | 12,352           | 27.5                   | 25.2    | 52.7  |
| 1984 | 236.3            | 12,552           | 27.3                   | 25.8    | 53.1  |
| 1985 | 238.5            | 15,150           | 26.2                   | 37.3    |       |
| 1986 | 240.7            | 14,368           | 25.1                   | 34.6    |       |
| 1987 | 242.8            | 15,744           | 28.4                   |         |       |
| 1988 | 245.0            | 14,628           | 29.3                   | 30.4    | 59.7  |
| 1989 | 247.3            | 15,485           | 34.2                   | 28.4    |       |
| 1990 | 249.9            | 16,349           | 37.6                   | 27.8    | 65.4  |
| 1991 | 252.7            | 16,363           | 37.5                   |         |       |
| 1992 | 255.5            | 16,106           | 37.7                   | 25.3    | 63.0  |
| 1993 | 258.2            | 20,334           | 40.6                   |         | 78.8  |
| 1994 | 260.7            | 19,309           | 40.1                   | 34.0    | 74.1  |
| 1995 | 263.0            | 16,484           | 37.2                   |         |       |
| 1996 | 265.3            | 16,474           | 36.1                   |         | 62.1  |
| 1997 | 268.2            | 17,132           | 36.7                   | 27.2    | 63.9  |
| 1998 | 270.6            | 16,897           | 34.0                   |         |       |
| 1999 | 272.9            | 17,378           | 34.2                   |         |       |
| 2000 | 282.3            | 17,338           | 32.1                   | 29.3    | 61.4  |
| 2000 | 285.0            | 18,118           |                        |         |       |
| 2001 | 288.4            | 19,028           | 32.6                   |         |       |
| 2002 | 200.4 291.0      | 19,028           | 32.0                   |         |       |
| 2003 | 291.0            | 20,373           | 32.8                   | 36.5    | 69.3  |
| 2004 | 295.9            | 20,575           | 32.0                   |         |       |
| 2005 | 290.9 299.8      | 20,529<br>20,960 | 32.4                   |         |       |
| 2000 | 302.0            | 20,900           | 30.6                   |         | 67.9  |
| 2007 | 302.0            | 20,464 19,252    | 27.3                   |         |       |
| 2008 | 304.5<br>307.4   | 19,252<br>18,900 | 27.3 26.1              | 35.9    |       |
| 2009 | 307.4            |                  | 26.1                   | 35.4    | 01.5  |
| 2010 | 310.1            | 19,748           | 26.5                   |         |       |
| 2011 | 312.0            | 21,106           | 31.6                   |         |       |
| 2012 | 314.3            | 20,757           | 30.7                   | 35.4    | 66.1  |

(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.