## WORLD FISHERIES

WORLD AQUACULTURE AND COMMERCIAL CATCHES BY SPECIES OF FISH, CRUSTACEANS, AND MOLLUSKS, 1993-97

| Species group | 1993 | 1994 | 1995 | 1996 | 1997 |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | - | - - Metric tons Live weight |  |  |
| Herrings, sardines, anchovies | 22,009,188 | 25,909,716 | 22,020,462 | 22,307,567 | 21,581,548 |
| Carps, barbels, cyprinids | 8,306,260 | 9,688,176 | 11,309,561 | 12,724,064 | 13,975,121 |
| Jacks, mullets, sauries | 10,135,665 | 10,065,824 | 11,019,839 | 11,554,718 | 10,915,094 |
| Cods, hakes, haddocks | 9,926,851 | 9,726,772 | 10,723,094 | 10,740,032 | 10,234,871 |
| Redfish, basses, congers | 5,814,770 | 6,435,396 | 7,070,888 | 6,967,403 | 7,495,921 |
| Mackerel, snoeks, cutlassfishes | 4,016,794 | 4,531,937 | 4,715,607 | 5,151,347 | 5,262,654 |
| Tunas, bonitos, billfishes | 4,574,139 | 4,652,460 | 4,731,301 | 4,636,526 | 4,853,454 |
| Salmons, trouts, smelts | 1,706,930 | 1,807,711 | 2,095,863 | 2,104,856 | 2,145,694 |
| Tilapias | 1,081,383 | 1,125,540 | 1,273,762 | 1,366,788 | 1,529,190 |
| Flatfish | 1,108,737 | 996,560 | 933,160 | 953,266 | 1,031,949 |
| Sharks, rays, chimaeras | 741,321 | 756,892 | 752,766 | 804,002 | 789,862 |
| Shads | 656,146 | 634,389 | 685,224 | 717,299 | 739,157 |
| River eels | 202,917 | 206,174 | 201,884 | 250,228 | 251,179 |
| Sturgeons, paddlefish | 9,081 | 8,124 | 6,794 | 6,128 | 6,721 |
| Other fishes | 16,262,101 | 15,853,551 | 16,446,115 | 17,295,972 | 17,555,218 |
| Shrimp | 2,931,301 | 3,136,785 | 3,252,936 | 3,397,758 | 3,477,141 |
| Crabs | 1,012,100 | 1,209,815 | 1,236,475 | 1,316,198 | 1,348,847 |
| Lobsters | 211,285 | 224,331 | 232,493 | 223,551 | 249,866 |
| Krill | 88,777 | 83,962 | 118,714 | 101,708 | 84,608 |
| Other crustaceans | 1,173,512 | 1,316,537 | 1,514,173 | 1,699,415 | 1,979,712 |
| Squids, cuttlefishes, octopus | 2,707,136 | 2,772,744 | 2,878,146 | 3,058,004 | 3,320,730 |
| Oysters | 2,031,843 | 2,814,362 | 3,243,485 | 3,223,903 | 3,279,459 |
| Clams, cockles, arkshells | 2,450,791 | 2,612,478 | 2,717,704 | 2,684,037 | 2,780,364 |
| Scallops | 1,465,315 | 1,642,674 | 1,654,476 | 1,757,942 | 1,746,293 |
| Mussels | 1,312,134 | 1,264,257 | 1,363,938 | 1,318,701 | 1,363,197 |
| Abalones, winkles, conchs | 93,810 | 102,488 | 104,660 | 113,355 | 109,670 |
| Other mollusks | 1,901,295 | 2,104,904 | 3,162,403 | 2,920,688 | 3,298,975 |
| Sea urchins, other echinoderms | 105,251 | 116,795 | 127,134 | 117,911 | 109,174 |
| Miscellaneous | 319,439 | 387,353 | 448,577 | 428,833 | 621,897 |
| Total | 104,356,272 | 112,188,707 | 116,041,634 | 119,942,200 | 122,137,566 |

Note:Data for 1993-1996 are revised. Data for marine mammals and aquatic plants are excluded.
Source:--Food and Agriculture Organization of the United Nations (FAO).

DISPOSITION OF WORLD AQUACULTURE AND COMMERCIAL CATCHES, 1993-97

| Item | 1993 | 1994 | 1995 | 1996 | 1997 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Marketed fresh | 25.3 | 25.8 | 29.5 | 32.2 | 35.1 |
| Frozen | 24.8 | 23.6 | 23.3 | 22.8 | 22.2 |
| Canned | 12.2 | 11.1 | 10.9 | 10.3 | 9.2 |
| Cured | 9.8 | 9.8 | 10.0 | 9.6 | 10.0 |
| Reduced to meal and oil (1) | 26.1 | 27.9 | 24.7 | 23.5 | 22.0 |
| Miscellaneous purposes | 2 | 2 | 2 | 2 | 2 |
| Total | 100 | 100 | 100 | 100 | 100 |

Note: Data for 1993-1996 are revised.
(1) Only whole fish destined for the manufacture of oils and meals are included. Raw material for reduction derived from 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.

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

