

## WORLD AQUACULTURE AND COMMERCIAL CATCHES, 1993-2002

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

Note:--Data for marine mammals and aquatic plants are excluded.

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

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

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

Note:--Data for 2001 are revised. Data for marine mammals and aquatic plants are excluded.

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

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

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

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

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

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

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

Note:--Data for marine mammals and aquatic plants are excluded.

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

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

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

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

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

## DISPOSITION OF WORLD AQUACULTURE AND COMMERCIAL CATCHES, 1998-2002

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

Note:-- Data for 1998-2001 are revised. Data for marine mammals and aquatic plants are excluded.

(1) Only whole fish destined for the manufacture of oils and meals are included. Raw material for reduction derived from fish primarily destined for marketing fresh, frozen, canned, cured, and miscellaneous purposes is excluded; such waste quantities are included under the other disposition channels.

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