

## WORLD AQUACULTURE AND COMMERCIAL CATCHES, 1994-2003

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>			
1994	11,754,914	9,086,965	20,841,879	6,725,803	85,358,136	92,083,939	112,925,818
1995	13,532,692	10,852,294	24,384,986	7,274,106	85,105,326	92,379,432	116,764,418
1996	15,310,649	11,283,892	26,594,541	7,432,933	86,409,453	93,842,386	120,436,927
1997	16,987,691	11,621,165	28,608,856	7,574,602	86,702,760	94,277,362	122,886,218
1998	17,931,512	12,559,262	30,490,774	8,033,216	79,566,249	87,599,465	118,090,239
1999	19,466,962	13,914,030	33,380,992	8,502,285	85,226,853	93,729,138	127,110,130
2000	20,424,648	15,056,579	35,481,227	8,734,660	86,740,752	95,475,412	130,956,639
2001	21,633,793	16,186,297	37,820,090	8,723,992	84,083,189	92,807,181	130,627,271
2002	22,961,662	17,027,548	39,989,210	8,727,721	84,275,980	93,003,701	132,992,911
2003	24,240,750	18,063,391	42,304,141	8,941,754	81,277,992	90,219,746	132,523,887

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, 2002-2003

Species group	2002			2003		
	Aquaculture	Catch	Total	Aquaculture	Catch	Total
	----- Metric tons ----- <u>Live-weight</u>			----- Metric tons ----- <u>Live-weight</u>		
Herrings, sardines, anchovies	-	22,325,080	22,325,080	-	18,940,306	18,940,306
Carp, barbels, cyprinids	16,674,566	617,673	17,292,239	17,215,123	634,721	17,849,844
Cods, hakes, haddock	1,445	8,389,732	8,391,177	2,626	9,309,221	9,311,847
Tunas, bonitos, billfishes	9,445	6,070,307	6,079,752	7,900	6,309,876	6,317,776
Salmons, trouts, smelts	1,791,366	805,820	2,597,186	1,828,760	964,620	2,793,380
Tilapias	1,485,889	661,526	2,147,415	1,677,751	692,387	2,370,138
Flatfish	35,501	920,885	956,386	88,068	924,615	1,012,683
Sharks, rays, chimaeras	-	839,138	839,138	-	856,699	856,699
Shads	35	589,798	589,833	28	505,950	505,978
River eels	232,039	11,443	243,482	231,972	10,856	242,828
Sturgeons, paddlefish	3,816	1,862	5,678	3,876	1,619	5,495
Other fishes	5,406,599	37,243,427	42,650,026	5,981,936	37,288,081	43,270,017
Shrimp	1,405,367	2,942,779	4,348,146	1,804,932	3,523,911	5,328,843
Crabs	194,131	1,149,425	1,343,556	182,625	1,369,084	1,551,709
Lobsters	30	224,883	224,913	35	224,074	224,109
Krill	-	125,987	125,987	-	117,120	117,120
Other crustaceans	704,115	2,185,892	2,890,007	804,106	830,454	1,634,560
Oysters	4,337,312	185,072	4,522,384	4,496,659	199,517	4,696,176
Clams, cockles, arkshells	3,416,759	805,199	4,221,958	3,788,296	943,826	4,732,122
Squids, cuttlefishes, octopus	14	3,171,029	3,171,043	10	3,512,538	3,512,548
Scallops	1,228,822	742,142	1,970,964	1,178,468	803,231	1,981,699
Mussels	1,499,214	224,741	1,723,955	1,589,464	186,344	1,775,808
Abalones, winkles, conchs	2,970	112,668	115,638	2,856	121,657	124,513
Other mollusks	1,403,000	2,123,695	3,526,695	1,246,444	1,366,994	2,613,438
Sea urchins, other echinoderms	25	123,845	123,870	40	107,262	107,302
Miscellaneous	156,750	409,653	566,403	172,166	474,783	646,949
<b>Total</b>	<b>39,989,210</b>	<b>93,003,701</b>	<b>132,992,911</b>	<b>42,304,141</b>	<b>90,219,746</b>	<b>132,523,887</b>

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 OF FISH, CRUSTACEANS, AND MOLLUSKS, 2002-2003

Country	2002			2003		
	Aquaculture	Catch	Total	Aquaculture	Catch	Total
	-----Metric tons-----			-----Metric tons-----		
	<u>Live-weight</u>			<u>Live-weight</u>		
China	27,767,251	16,553,144	44,320,395	28,892,005	16,755,653	45,647,658
Peru	11,618	8,762,988	8,774,606	13,818	6,089,660	6,103,478
India	2,187,189	3,736,603	5,923,792	2,215,590	3,688,994	5,904,584
Indonesia	914,071	4,343,756	5,257,827	996,659	4,675,100	5,671,759
United States	497,346	4,937,305	5,434,651	544,329	4,938,956	5,483,285
Japan	826,556	4,364,066	5,190,622	859,656	4,596,172	5,455,828
Chile	545,655	4,271,475	4,817,130	563,435	3,621,753	4,185,188
Thailand	621,501	2,842,411	3,463,912	772,970	2,817,482	3,590,452
Russian Federation	101,340	3,232,295	3,333,635	108,684	3,281,248	3,389,932
Norway	551,314	2,740,414	3,291,728	582,016	2,550,191	3,132,207
Philippines	443,537	2,030,542	2,474,079	459,615	2,169,164	2,628,779
Viet Nam	703,041	1,507,430	2,210,471	937,502	1,666,886	2,604,388
South Korea	296,783	1,671,291	1,968,074	387,791	1,647,546	2,035,337
Bangladesh	786,604	1,103,855	1,890,459	856,956	1,141,241	1,998,197
Iceland	3,585	2,129,705	2,133,290	6,214	1,978,135	1,984,349
Burma	121,266	1,312,642	1,433,908	257,083	1,349,169	1,606,252
Mexico	73,675	1,450,654	1,524,329	73,675	1,450,000	1,523,675
China - Taipei	330,166	1,042,756	1,372,922	351,578	1,134,713	1,486,291
Malaysia	165,119	1,275,555	1,440,674	167,160	1,287,084	1,454,244
Canada	171,036	1,062,797	1,233,833	151,264	1,078,661	1,229,925
All others	2,870,557	22,632,017	25,502,574	3,106,141	22,301,938	25,408,079
<b>Total</b>	<b>39,989,210</b>	<b>93,003,701</b>	<b>132,992,911</b>	<b>42,304,141</b>	<b>90,219,746</b>	<b>132,523,887</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, 2002-2003

Country	2002			2003		
	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	1,371,104	11,082,946	12,454,050	1,445,824	10,266,044	11,711,868
Northwest	104,761	2,231,497	2,336,258	111,743	2,318,301	2,430,044
Eastern central	342	3,368,380	3,368,722	306	3,285,241	3,285,547
Western central	104,203	1,768,774	1,872,977	135,874	1,758,854	1,894,728
Southeast	2,775	1,694,375	1,697,150	2,685	1,734,873	1,737,558
Southwest	71,793	2,142,966	2,214,759	109,695	2,057,280	2,166,975
<b>Mediterranean and Black Sea</b>	335,148	1,557,968	1,893,116	371,550	1,465,915	1,837,465
<b>Indian Ocean:</b>						
Eastern	443,671	5,166,781	5,610,452	480,586	5,336,217	5,816,803
Western	32,611	4,232,115	4,264,726	40,659	4,268,463	4,309,122
<b>Pacific Ocean:</b>						
Northeast	140,512	2,765,637	2,906,149	127,690	2,918,831	3,046,521
Northwest	12,063,477	21,355,987	33,419,464	12,523,867	21,902,396	34,426,263
Eastern central	63,542	2,038,997	2,102,539	66,849	1,869,181	1,936,030
Western central	702,521	10,257,320	10,959,841	921,540	10,735,789	11,657,329
Southeast	600,006	13,737,453	14,337,459	627,357	10,524,222	11,151,579
Southwest	106,053	728,273	834,326	103,901	696,737	800,638
<b>Antarctic</b>	-	146,511	146,511	-	139,648	139,648
<b>Inland Areas</b>						
Africa	406,054	2,093,957	2,500,011	463,680	2,153,991	2,617,671
Asia	22,286,975	5,670,904	27,957,879	23,593,194	5,814,225	29,407,419
Europe	466,864	355,917	822,781	476,515	355,250	831,765
North America	447,259	167,536	614,795	463,627	163,281	626,908
South America	236,152	420,992	657,144	233,435	439,258	672,693
Oceania	3,387	18,415	21,802	3,564	15,749	19,313
<b>Total</b>	<b>39,989,210</b>	<b>93,003,701</b>	<b>132,992,911</b>	<b>42,304,141</b>	<b>90,219,746</b>	<b>132,523,887</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, 1999-2003

Country	1999	2000	2001	2002	2003
----- Thousand U.S. dollars -----					
<b>IMPORTS:</b>					
Japan	14,748,712	15,513,059	13,453,375	13,646,071	12,395,943
United States	9,405,124	10,450,729	10,289,325	10,065,328	11,655,429
Spain	3,286,831	3,351,670	3,715,332	3,852,942	4,904,151
France	3,280,940	2,983,618	3,055,859	3,206,511	3,771,152
Italy	2,728,568	2,535,269	2,716,373	2,906,007	3,558,950
Germany	2,288,523	2,262,018	2,349,088	2,419,534	2,635,070
United Kingdom	2,276,998	2,183,811	2,236,944	2,327,559	2,507,661
China	1,127,412	1,795,953	1,787,242	2,197,793	2,388,590
Denmark	1,771,500	1,806,365	1,733,545	1,805,598	2,084,573
South Korea	1,140,022	1,371,830	1,626,906	1,861,093	1,934,998
Other Countries	15,629,799	15,815,968	16,731,291	17,319,565	19,413,483
<b>Total</b>	<b>57,684,429</b>	<b>60,070,290</b>	<b>59,695,280</b>	<b>61,608,001</b>	<b>67,250,000</b>
<b>EXPORTS:</b>					
China	2,959,530	3,602,838	3,999,274	4,485,274	5,243,459
Thailand	4,109,860	4,367,332	4,039,127	3,676,427	3,906,384
Norway	3,764,795	3,532,841	3,363,955	3,569,243	3,624,193
United States	2,945,014	3,055,261	3,316,056	3,260,168	3,398,939
Canada	2,617,759	2,818,433	2,797,933	3,044,403	3,300,313
Denmark	2,884,334	2,755,676	2,660,563	2,872,438	3,213,465
Spain	1,604,237	1,599,631	1,844,257	1,889,541	2,226,523
Viet Nam	940,473	1,481,410	1,781,785	2,030,320	2,207,578
Netherlands	1,744,665	1,343,979	1,420,513	1,802,893	2,182,588
Chile	1,701,998	1,793,759	1,939,295	1,869,123	2,134,382
Other Countries	27,618,848	29,160,921	29,128,640	29,741,686	31,838,461
<b>Total</b>	<b>52,891,513</b>	<b>55,512,081</b>	<b>56,291,398</b>	<b>58,241,516</b>	<b>63,276,285</b>

Note:-- Data for 1999-2002 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, 1999-2003

Item	1999	2000	2001	2002	2003
----- Percent of Total -----					
Marketed fresh	39.3	38.8	40.0	39.5	41.0
Frozen	19.5	19.3	20.1	20.3	21.2
Canned	8.5	8.4	8.5	8.6	9.1
Cured	7.6	7.4	7.6	7.3	7.4
Reduced to meal and oil (1)	20.2	21.1	18.4	19.0	16.1
Miscellaneous purposes	4.9	5.0	5.4	5.3	5.2
<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 1999-2002 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).