



GLOBEFISH

COMMODITY UPDATE



Food and Agriculture Organization of the United Nations
Fish Products and Industry Division
Viale delle Terme di Caracalla
00153 Rome, Italy
Tel.: +39 06 5705 5074
Fax: +39 06 5705 5188
www.globefish.org



Freshwater Fish

Extract from GLOBEFISH Databank
Prices - Imports - Exports - Production

August 2007

Freshwater Fish

COMMODITY update

The COMMODITY UPDATE reports, issued for each commodity once a year, contain information on prices, imports, exports and production by commodity. The information is taken from the network of GLOBEFISH correspondents and the GLOBEFISH European Price Report, INFOFISH Trade News, FAO FISHDAB, EUROSTAT and others.

The issues are scheduled approximately as follows:

FISHMEAL-FISH OIL –*Spring*
BIVALVES –*Spring*
SALMON –*Spring*
FRESHWATER FISH - *Spring*
SHRIMP –*Summer*
TUNA –*Summer*

CRAB –*Autumn*
LOBSTER –*Autumn*
CEPHALOPODS –*Winter*
GROUND FISH –*Winter*
SMALL PELAGICS –*Winter*

<p>For single issues please contact GLOBEFISH Viale delle Terme di Caracalla 00153 Rome ITALY Tel: ++39 0657055074 Fax: ++39 0657055188 E-mail: globefish-pub@fao.org Web site: www.globefish.org</p>	<p>For an annual subscription to the complete set please contact EUROFISH UN Centre Midtermolen 3 DK-2100 Copenhagen Denmark Tel: ++45 3546 7180 Fax: ++45 3546 7181 E-mail: info@eurofish.dk Web site: www.eurofish.dk</p>
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Prepared by Paola Sabatini, Helga Josupeit (GLOBEFISH), Layout Tony Piccolo (GLOBEFISH).

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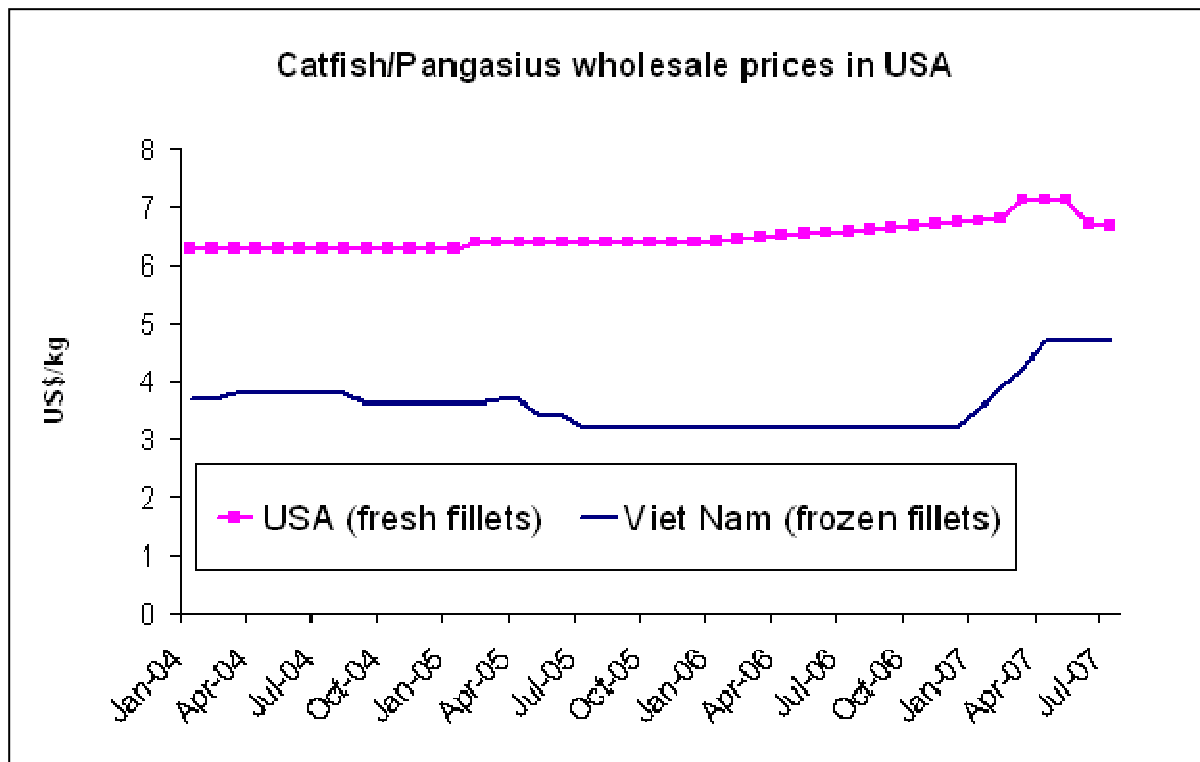
Catfish Market Report - July 2007



Tough times for Chinese catfish

The US Food and Drug Administration (FDA) on 28.6.2007 announced it is blocking the import from China of five species of seafood namely catfish, eel, shrimp, basa and dace until their importers can prove they are not contaminated. FDA initiated an import alert against several species of imported Chinese farmed seafood because of numerous cases of contamination with drugs and unsafe food additives. The medications cited include the antimicrobials nitrofurans, malachite green, gentian violet and fluoroquinolones. Nitrofurans, malachite green, and gentian violet have been shown to cause cancer in laboratory animals. Use of

fluoroquinolones in food-producing animals can result in antibiotic resistance. None of them is approved for use in farmed seafood in the United States and some of them have been shown to cause cancer when fed to laboratory animals for prolonged periods of time.



Importers and their export partners in China are finding that complying with FDA testing requirements is adding huge unsupportable costs to shipments, and the cost issues are becoming a major detriment. For example, with each individual sample test costing about \$300 on average, a container of 20,000 or 40,000 lbs can easily run up a \$25 000 to \$30 000 testing bill-- equivalent to a penalty of as much as \$0.75 per lb. The industry has been trying to work with FDA to bring costs down -- and in this respect, composite testing is very

welcome because it has the potential to greatly reduce the number of specific private lab tests that are required. By mixing six samples prior to the lab test, the cost is greatly reduced. For a Chinese exporter that has a strong domestic market, the price differential gained by shipping to the U.S. is far too small to cover the costs of these types of tests.

That is why there is such pressure to get off the automatic detention list, because only in that way are the products still cost competitive. But with the requirement that an individual company or exporter must have five clean tests before being released, the likelihood is that each of these companies is facing a cost of around \$100,000 or so, before they will be cleared.

Thus the regulations almost amounted to an outright ban. The present system is simply commercially unviable, and it is only to preserve long term contractual relationships and future business that anyone is engaging in this at all. One solution is for the FDA to begin to accept testing in home country laboratories prior to shipment.

Catfish import boom in early 2007

The impact of the US import restriction is yet to be felt in the catfish market. It is expected that this move will lead to more consumption of domestic catfish and to higher imports of pangasius from Viet Nam and Thailand. Some positive influence on the tilapia trade – here it is interesting to note that tilapia from China was not banned – is likely. Higher prices in the whole industrial whitefish sector are forecast.

US imports of catfish and basa – by country of origin (in tonnes)										
	1999	2000	2001	2002	2003	2004	2005	2006	Jan-Apr 2006	Jan-Apr 2007
China	26	86	0	0	326	802	1747	7606	1204	6586
Viet Nam	903	3191	7765	4361	1929	3010	8523	17998	1709	5013
Thailand	18	10	46	45	21	2	1493	3415	988	1716
Malaysia	0	0	0	0	7	0	482	2881	1015	467
Others	617	450	390	221	179	369	1328	2523	309	354
Total	1565	3736	8201	4627	2463	4184	13673	34424	5226	14136

The catfish import boom into the US market continued in the opening months of 2007, before the import restriction became operational. Even though some states of the south had prohibited the sales of Chinese catfish even before the FDA decision, imports of catfish from China grew by more than five times in the January-April 2007 period when compared to the corresponding 2006 period. They almost reached the total 2006 import level. These figures show the massive presence of Chinese catfish on the market, and the fear of market share loss by domestic producers which are mainly based in the southern part of the country. While these producers had been able to use the fact that the pangasius produced in Viet Nam and other South East Asian countries is not the same species as the channel catfish against imports from these countries, they were not able to block Chinese imports, as this country produces the same species as the US fish farmers.

Viet Nam increased exports by three times, but the country lost its top position for catfish/pangasius on the US market. Thailand also reported some growth (80%, which compared with China or Viet Nam looks poor), while Malaysia shipped less tilapia in 2007 than the year before.

US imports of catfish and basa – by products (in tonnes)										
	1999	2000	2001	2002	2003	2004	2005	2006	Jan-Apr 2006	Jan-Apr 2007
Frozen fillets	1565	3736	8201	4627	2463	4115	12307	32104	4711	12663
Fresh fillets	0	0	0	0	0	0	449	768	39	1301
Frozen whole	0	0	0	0	0	48	900	1128	473	172
Fresh whole	0	0	0	0	0	0	1	2	2	0
Total	1565	3736	8201	4627	2463	4163	13656	34002	5226	14136

Frozen fillets are by far the main catfish product imported into the USA. Imports of this product grew by almost three times. However, it is interesting to note the sudden emergence of fresh pangasius fillet imports, mainly from Thailand and Malaysia. A similar trend can be noticed in the European market as well, and is a development worth watching over the coming months.

Viet Nam improves performance

Prices for the imported Chinese catfish in the US market have declined between Jan-Apr. 2006 and Jan – Apr 2007 from US\$ 4.20/kg to US\$ 3.80/kg. During the same period, however, Viet Nam managed to get higher prices for its pangasius frozen fillets, up from US\$ 2.40/kg to US\$ 3.30/kg. This upward trend for pangasius products from Viet Nam on the US market is likely to continue, also in view of the problems for the Chinese catfish exporters described above.

By Helga Josupeit (GLOBEFISH)
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Nile Perch Market Report - July 2007



Photo by E. Truter

Ugandan Nile perch trade in crisis

Uganda's Nile perch exports to the international market declined drastically in 2006, raising fears that the declining stocks could undermine the country's fish exports in the next few years. The State Minister for Animal Industry and Fisheries declares that the decline is a result of increasing pressures such as use of illegal fishing gears and methods and massive catching of young fish. Ugandan Nile perch exports to international markets, which were at 36 000 tonnes worth US\$ 143 million in 2005 dropped to 33 000 tonnes worth US\$ 137

million in 2006 suggesting a decline in catches. Fish is now one of Uganda's major non-traditional exports and its demand on international, regional and internal markets has been steadily increasing while the fisheries sector has about 17 fish processing factories following government policies that encourage the sector, including investment in fisheries research. More than 30 landing sites will be developed under an African Development Bank project while another five would be upgraded under the Implementation of Fisheries Management Plan Project.

Kenya develops alternative species

Kenya, on the other hand, is trying to reduce the dependence on Nile perch for foreign exchange earnings. A grant worth US\$ 7.82 million will be provided by the EU to the Kenyan fishermen operating in Lake Victoria. The grant will be utilised for access roads in East Africa as well as to enhance equipment for handling fish. The move may initiate the introduction of fish auctioning and increase the country's income from fish. Meanwhile, the marketing of fish species like tilapia will be enhanced by the programme.

Eco-labels for Nile perch?

Fish exports from Lake Victoria will be required to be compliant with international environmental standards. In a process known as eco-labelling, the products will bear a logo that indicates they have been certified and produced within the set standards. Discussions are underway to explore possibilities for eco-labelling Nile perch. The decision to eco-label Nile perch was made last year during a stakeholders meeting organized by the German Development Agency (GTZ) in Nairobi. The meeting, which brought together representatives from the fish industry, governments and development partners, provided the first step in eco-labelling for inland fisheries. There was consensus to move towards gaining a Marine Stewardship Council label for Nile perch from the whole of Lake Victoria. This move will help to diminish the bad image of Nile perch in the European market created by the documentary ["Darwin's nightmare"](#).



Less Nile perch to EU market

EU imports of Nile perch fillets dropped in 2006, continuing a trend already set in 2005. While Tanzania managed to keep its export levels, Uganda and Kenya reported substantial declines in exports. Demand for Nile perch fillets was quite strong though, despite heavy arrivals of competing species (*Pangasius* from Viet Nam). As a result, the total value of Nile perch imports into the EU declined only slightly, to Euro 205 million in 2006 down from Euro 210 million in 2005.

Quantity of Nile perch fillet exports to the EU by main exporting countries (in tonnes)¹

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Kenya	7488	2447	1121	30	2747	3972	5086	6737	5184	4202
Tanzania	9015	12506	4581	26857	23063	23119	26965	30813	23977	23564
Uganda	8621	8894	2731	3451	14776	12213	13062	18539	23808	21179
Grand Total	25124	23846	8433	30338	40586	39303	45113	56089	52968	48945

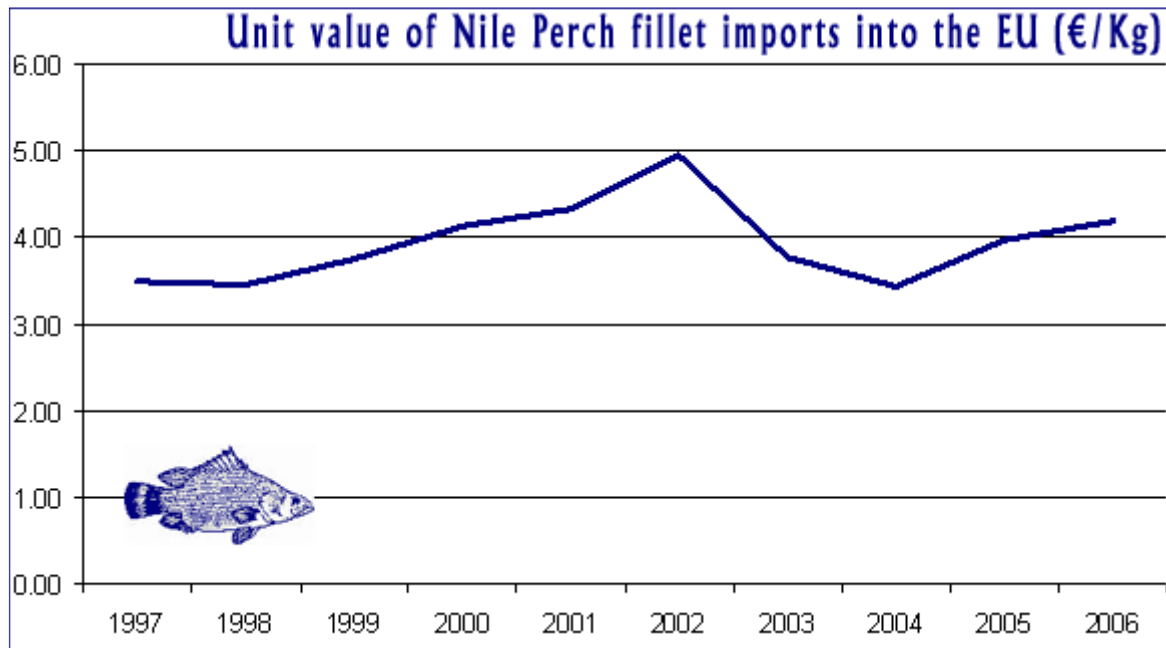
(1) Nile perch is not identified in EU statistics, therefore the estimate used by the author is to take the two categories “fresh freshwater fillets, not identified” and “frozen freshwater fillets, not identified” for EU imports from the three Lake Victoria countries.

The main product imported into the EU continues to be fresh fillets. This product accounts for 76% of total quantity and 78% of total value. However, the relative shares of this product declined in 2006, due to higher frozen fillet exports from Tanzania.

Value of Nile perch fillet exports to the EU by main exporting countries (1000 Euro)

Origin	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Kenya	26109	6589	4539	125	13062	19375	19134	23433	19117	16211
Tanzania	29491	42899	15699	110667	99170	114235	99701	99510	90045	93181
Uganda	31892	32544	11305	14649	62930	60679	51049	69491	101216	95429
Grand Total	87491	82032	31543	125440	175163	194289	169884	192434	210378	204822

As a result of good demand, the unit value of Nile perch fillets in the EU went up, continuing a positive trend which started two years ago. At present the unit value is Euro 4.18/kg.



Still more than 40% of Nile perch fillets reach the EU through traders based in the Netherlands and Belgium. Spain is the main market, but this does not show in the statistics, as the reader can notice from the below table. Germany and France are increasing direct imports, while Spain still relies on intermediates in the Benelux countries.

Total EU imports of fresh and frozen Nile perch fillets [1] - in tonnes

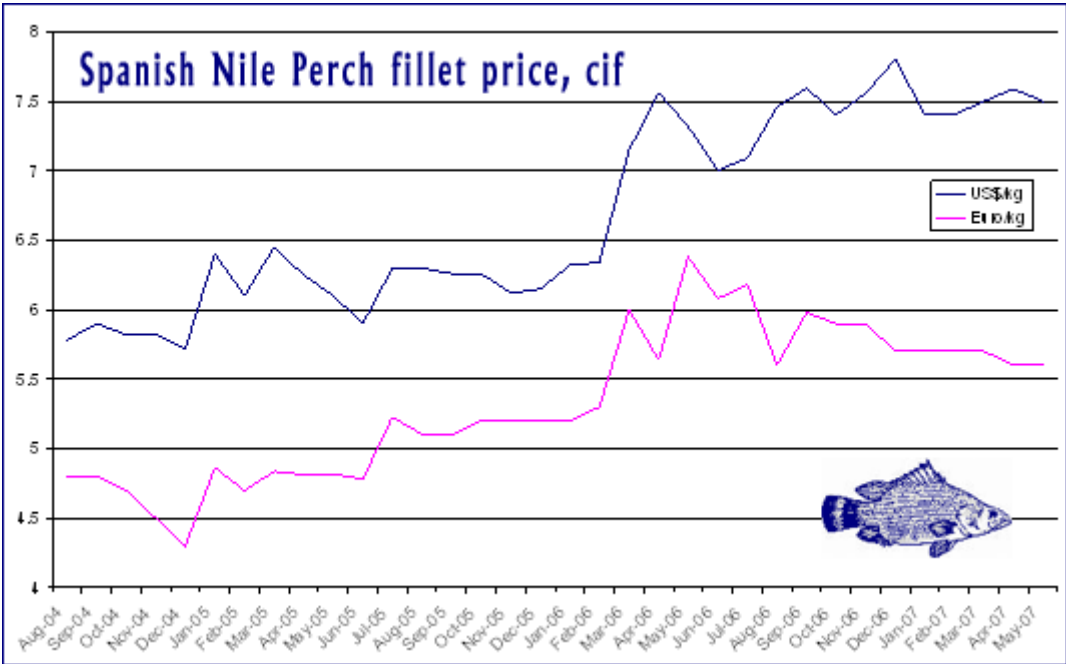
Country	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Netherlands	8184	6086	2438	9111	9186	11204	14509	14483	11986	11106
Belgium			2868	17038	25354	16890	13371	13823	11990	9937
France	146	416	31	30	116	44	272	5280	9543	9777
Germany	2629	1043	812	431	1329	1946	4197	4619	7199	8020
Italy	379	504	76	218	653	1227	740	1791	3498	3724
Greece	3157	3018	629	1407	1533	2149	2291	2530	3170	2802
Spain	394	1156	1123	871	705	1123	1704	2646	2949	2751
Portugal	201	365	88	432	174	325	676	408	585	655
Sweden	32	35	16	16	16	1137	24	50	76	105
Luxembourg			238	784	1520	1066	1263	743	399	60
UK	15	40	9			3	22	13	11	9
Austria			107			1628	5638	8734	1563	0
Denmark						563	406	700	0	0
Belg.-Luxbg	9988	11183								
Grand Total	25124	23846	8433	30338	40586	39303	45113	56089	52968	48945

[1] freshwater fillets not specified, imported from Tanzania, Uganda or Kenya

Nile perch prices very high

In 2007, however, prices declined somewhat. Some of these declines are due to the strong Euro currency, but a part is probably due to huge competition. Pangasius is now entering the

EU market also in fresh form, thus competing directly with fresh Nile perch fillets in the more sophisticated markets, such as Spain and Italy.



Bleak future outlook

The outlook for Nile perch remains bleak. On the one hand, catches are further declining, on the other hand, competition is strong and expanding in the fresh fillet segment. Anova, the leading importer of Nile perch into Europe, is expanding its interest in the pangasius trade. Lake Victoria fishing nations are well advised to strongly control fishing and fishing quotas, minimum sizes, etc of Nile perch in the lake. In addition, they are wisely moving into alternative species, which includes tilapia farming around the lake. The industry structure is already in place, and the trade channels are established, so tilapia from Lake Victoria should have an easy start in Europe. Tanzania has to change its export rules, though, as the country since many years is prohibiting tilapia exports, in order to guarantee this species to its local population.

By Helga Josupeit (GLOBEFISH)
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Tilapia Market Report - June 2007



Heavy new investments in tilapia

The main aquaculture players worldwide are turning to tilapia as a new species to invest in. This development is linked to interesting prices for tilapia, good demand and plenty of suitable areas for aquaculture worldwide.

Marine Harvest, the world's largest farmed salmon producer, is thus looking to buy a tilapia producer. Tilapia is seen as the company's best opportunity to expand its product offerings. Based in the

Netherlands, Marine Harvest has been at the centre of a series of acquisitions and mergers in the farmed salmon industry in recent years, and this new acquisition will strengthen the position of the company in the cultured fish world.

AquaChile is growing tilapia in Panama through its affiliate in Costa Rica, Aquacorporacion Internacional, which it owns 60% of and which operates under the Rain Forest brand. AquaChile aims to increase its share of the tilapia business. AquaChile aims to set up tilapia farming cages on Lake Bayano. The farms would boost Panama's fresh tilapia fillet exports to about 20 000 tonnes a year, valued at US\$ 50 million and more than triple Panama's current exports of around 5 500 tonnes. Company sources estimate production will be 10 000 tonnes a year in the first phase of the project.

New production areas started up in Ecuador during the second half of 2006, which will enable Ecuador to bolster its leadership of the fresh tilapia fillet export segment in 2007. In January 2007, Ecuador became the first Latin American country to export over 1 000 tonnes of fresh tilapia fillets to the EU.

Tilapia farming is said to have great potential for aquaculture in India. The government's recent decision to permit imports of some of the fast-growing tilapia species was well received by the aquaculture industry. Tilapia culture will also provide some relief to shrimp farmers who are facing problems with white spot disease. It added that tilapia culture is environment friendly and its high yield would help meet the country's food security needs

Excellent demand for tilapia in the USA

Demand for tilapia and other seafood products was high during the Lent period in the USA. American consumers particularly Catholics and some Christian denominations traditionally avoid meat dishes during this religious period, but consume more seafood instead. A large seafood restaurant chain, Red Lobster also introduced a new stuffed tilapia dish in its casual dining menu during this Lent.

As a result of the strong demand, imports of tilapia into the USA again hit a new record in the first three months of the year. Some 47 300 tonnes of tilapia were imported, 35% more than during the corresponding 2006 period. The trend already observed during the past two years

continued, with frozen fillet imports growing strongly, while whole frozen is stable. On the positive side for Latin American producers was the 20% increase in fresh fillet exports during the January-March 2007 period.

US total tilapia import – by product form (in 1000 tonnes)

	1999	2000	2001	2002	2003	2004	2005	2006	Jan-Mar 2006	Jan-Mar 2007
Whole frozen	27.3	27.8	38.7	40.7	49.0	57.3	56.5	60.8	15.2	15.4
Frozen fillets	5.0	5.2	7.4	12.3	23.2	36.2	55.6	74.4	14.1	25.1
Fresh fillets	5.3	7.5	10.2	14.2	18.0	19.5	22.7	23.1	5.9	7.1
TOTAL	37.6	40.5	56.3	67.2	90.2	112.9	134.9	158.3	35.2	47.6

Ecuador continues to be the main exporter of fresh tilapia fillets to the US market, accounting for 48% of total supply. The country is expanding its position due to the above mentioned new tilapia farms that started production in late 2006. Honduras, which announced that it would soon overtake Ecuador, is limping behind. Costa Rica seems to have recovered from the survival of fingerlings problems, experienced in late 2005. The country shipped 1 000 tonnes in the first three months of 2007, 40% more than in the same period of 2006. Brazilian exports of fresh tilapia fillets declined sharply, as all tilapia companies in the country prefer the domestic market, due to the strong Brazilian currency, which makes exports less attractive.

US fresh tilapia fillets import – by country of origin (in 1000 tonnes)

	1999	2000	2001	2002	2003	2004	2005	2006	Jan-Mar 2006	Jan-Mar 2007
Ecuador	1.8	3.3	4.9	6.6	9.4	10.2	10.6	10.9	2.7	3.4
Honduras	0.8	1.0	1.4	2.9	2.9	4.0	6.6	7.3	1.9	2.2
Costa Rica	2.3	2.7	3.1	3.2	4.0	4.1	3.7	2.7	0.6	1.0
Brazil	0.0	0.0	0.0	0.1	0.2	0.3	1.0	1.0	0.4	0.1
Others	0.4	0.5	0.8	1.4	1.5	0.9	0.9	1.3	0.3	0.4
TOTAL	5.3	7.5	10.2	14.2	18.0	19.5	22.7	23.1	5.9	7.1

However, fresh tilapia fillets is rather a niche market now, with very high prices. The real market setter is frozen tilapia fillets, mainly from China. The growth of Chinese products on the US market is incredible. In the first three months of 2007, exports of frozen tilapia fillets from China to the US market almost doubled to 22 000 tonnes. The country is thus dominating this market with a 92% share. All other players are marginal.

US frozen tilapia fillet imports – by country of origin (in 1000 tonnes)

	1999	2000	2001	2002	2003	2004	2005	2006	Jan-Mar 2006	Jan-Mar 2007
China	0.7	1.8	2.5	6.0	15.9	28.1	44.1	63.3	11.5	22.0
Indonesia	1.1	1.2	2.2	2.6	3.6	4.3	6.4	7.1	1.5	2.0
Taiwan PC	2.8	1.7	2.1	2.8	2.5	2.7	3.1	3.1	0.9	0.7
Thailand	0.1	0.2	0.2	0.3	0.9	0.7	0.9	0.2	0.1	0.0
Ecuador	0.1	0.2	0.1	0.3	0.2	0.2	0.3	0.2	0.1	0.0
Others	0.21	0.1	0.32	0.3	0.12	0.23	0.8	0.5	0.01	0.43
TOTAL	5.0	5.2	7.4	12.3	23.2	36.2	55.6	74.4	14.1	25.1

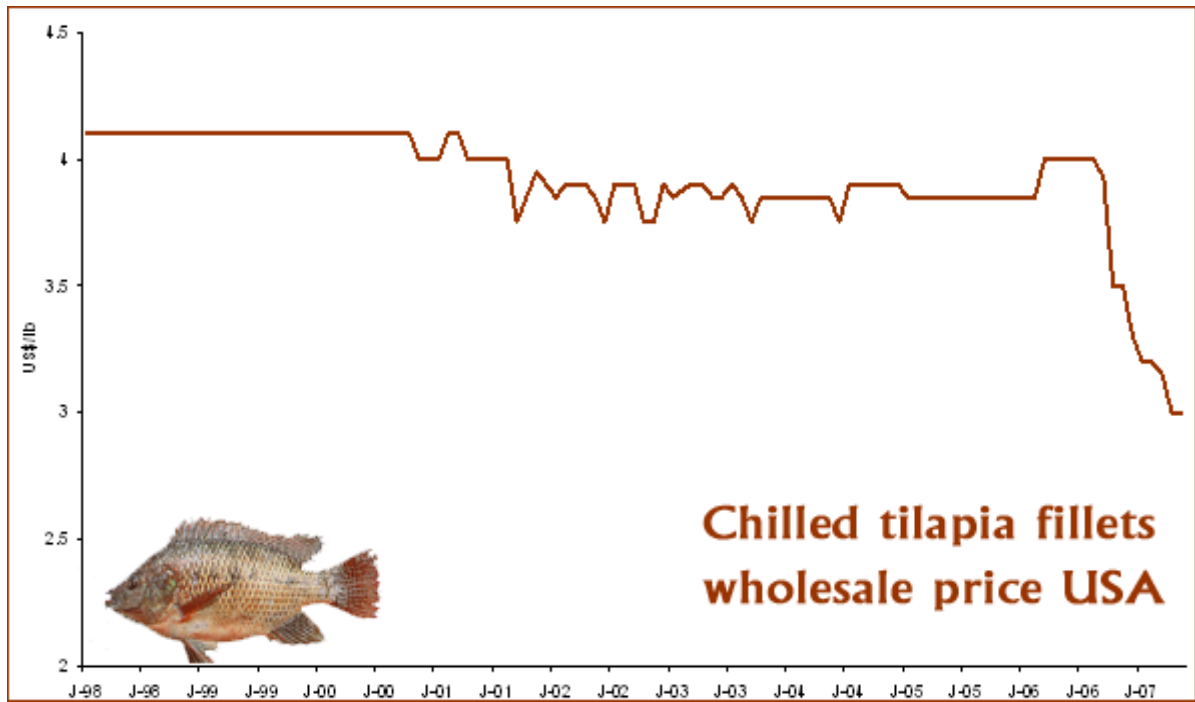
Whole frozen tilapia is rather stagnant with imports of 15 400 tonnes in the first three months of the year. Again China Mainland is the main supplier, with about 80% of the market. Taiwan's (Province of China) importance in this category is further declining.

US frozen tilapia import – by country of origin (in 1000 tonnes)

	1999	2000	2001	2002	2003	2004	2005	2006	Jan-Mar 2006	Jan-Mar 2007
China	4.9	11.6	10.9	19.6	28.8	31.8	30.9	40.5	9.7	11.7
Taiwan PC	22.1	15.9	27.6	20.7	19.7	24.9	24.1	18.3	4.7	3.6
Hong Kong	0.0	0.1	0.0	0.0	0.1	0.1	0.0	0.2	0.0	0.1
Thailand	0.0	0.0	0.0	0.3	0.1	0.1	0.2	0.6	0.0	0.0
Panama	0.0	0.0	0.0	0.2	0.1	0.1	0.5	0.4	0.0	0.0
Others	0.3	0.2	0.2	0.0	0.03	0.32	0.89	0.8	0.87	0.1
TOTAL	27.3	27.8	38.7	40.87	49.0	57.3	56.5	60.8	15.2	15.4

*) included under others

Declining supplies of fresh red snapper from the Gulf of Mexico and Western Atlantic Ocean has prompted some restaurants to use tilapia fillets as a substitute. Tilapia is cheaper and abundant in supply. The problem is that some restaurant operators mislabel tilapia and sell it as red snapper. A DNA test was recently conducted by a newspaper in Chicago on 14 samples of sushi labelled as red snapper, collected from 14 restaurants in the city. It was found that none was real red snapper, but 9 samples were tilapia and the rest sea bream.



Overall, despite the overall good demand, the massive imports were accompanied by sharply declining prices of both fresh and frozen tilapia fillets. The overall trend is for a further decline of prices. How much more frozen tilapia fillets will enter the USA in the coming months? It has to be seen whether the antibiotics discussion of catfish from China will have an impact on the demand for Chinese tilapia as well. If the market continues to grow as at present, total tilapia imports into the USA can easily reach 180 000 tonnes in the course of 2007. This compares to 160 000 tonnes of total groundfish imports into the US market. This figure shows the outstanding importance of tilapia in the US seafood industry.



Fair trade certification for African tilapia?

Facing increasing competition from low-cost re-freshed product, African farmed tilapia producers have banded together to explore eco-credentials. Frozen tilapia and pangasius imports into Europe have skyrocketed in the past few years, and hit fresh tilapia's market share hard. Though the Chinese product is of inferior quality - it is often thawed and sold as fresh and, in violation of EU rules, treated with carbon monoxide -- the fish is sold at upwards of € 2.00/kg cheaper than real fresh tilapia.

One African company, Lake Harvest, secured EU funding to explore the market for "fair trade" farmed fish - a concept that has so far not been applied to aquaculture. While free trade certifiers like the Fairtrade Labelling Organization and Max Havelar are interested, they are not clear on how to develop the concept. Other African companies agreed to form an association, which will be developing a formal entity, a code of practice, and possibly, a unified sales and marketing channel for the EU export market.

INFOFISH is organizing a trade conference on tilapia: TILAPIA 2007 in Kuala Lumpur, Malaysia, 23-25 August 2007. More information is available at www.infofish.org.

By Helga Josupeit (GLOBEFISH)
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PRICES
IMPORTS
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PRODUCTION

FRESHWATER IN GENERAL - Imports

Total import of live/fresh/chilled/frozen freshwater fish into EU member countries, in tonnes

	1995	1996	1997	1998	1999	2000	2001	2002	2003
UK	5542	6693	6189	7867	7939	8873	11326	11843	11344
France	2861	2908	3404	3496	3904	4935	4396	4757	5181
Belgium	1088	1100	1582	3161	1295	2193	3194	3989	3985
Portugal	333	722	710	1234	552	1379	1303	3048	2866
Netherlands	2422	2299	2592	5236	5746	4368	4641	3630	3121
Italy	1472	1626	1427	1427	1649	1922	1817	1663	2451
Germany	3217	3206	4689	4268	4825	4901	5233	5350	2763
Spain	379	557	273	213	286	730	3313	836	684
Denmark	1147	1264	1447	1312	1480	1569	1620	1385	1249
Austria	342	347	505	493	531	541	565	569	764
Ireland	11	1	1	1	0	10	136	145	105
Sweden	358	158	291	558	478	449	336	220	219
Greece	39	77	189	149	125	144	210	195	47
Luxemb	0	0	0	0	52	60	70	182	124
Finland	23	19	3	16	39	61	77	68	26
Tot EU (15)	19233	20976	23302	29430	28900	32132	38238	37879	34929
	2004	2005	2006						
UK	11906	12652	15781						
France	6428	8257	9245						
Belgium	6862	5779	5913						
Portugal	2790	3104	5315						
Netherlands	2545	3251	4810						
Italy	1878	2669	3867						
Germany	2224	2691	2017						
Spain	850	1080	1313						
Denmark	916	795	848						
Austria	652	487	709						
Ireland	101	170	275						
Sweden	248	202	187						
Greece	145	168	119						
Luxemb	153	83	69						
Finland	34	8	7						
Tot EU (15)	37732	41396	50474						

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EU total import of live freshwater fish nei*, country of origin, in tonnes

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Czech Rep	NA	NA	NA	676	780	610	774	832	728	652
Italy	-	-	-	-	-	-	-	-	-	-
Poland	345	316	325	261	227	148	125	178	112	71
Hungary	285	367	475	406	552	672	750	549	563	553
Denmark	15	16	37	49	72	126	463	993	1303	1807
France	120	119	192	41	77	160	164	197	191	171
Belg/Lux	250	248	302	103	997	13	225	148	139	167
Others	1664	1654	2026	819	892	992	521	799	645	582
Total	2679	2720	3357	2355	3597	2721	3022	3696	3681	4003

	2000	2001	2002	2003	2004	2005	2006
Czech Rep	738	650	673	794	631	450	452
Italy	120	918	276	154	209	297	405
Poland	97	106	145	230	114	116	200
Hungary	650	540	430	498	288	287	175
Denmark	925	790	620	213	106	148	52
France	103	1513	135	128	140	120	50
Belg/Lux	181	130	112	163	173	95	39
Others	1491	2826	2819	1115	798	629	428
Total	4303	7473	5210	3294	2460	2142	1801

*nei = not elsewhere identified

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**EU total import of fresh/chilled freshwater nei, country
of origin, in tonnes**

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Uganda	7	14	40	9	5	4	6	102	308	227	10
Denmark	858	1038	1417	1577	1435	1304	1122	1232	1092	952	1095
Netherlands	820	1038	861	692	824	1202	750	689	665	745	1479
Italy	-	-	-	-	-	-	-	-	-	-	214
Sweden	848	851	1064	1291	1047	766	931	1113	1138	1170	1212
Kenya	-	-	-	-	-	-	-	-	-	-	0
France	-	-	-	-	-	-	-	-	-	-	108
Poland	943	853	984	697	635	457	503	433	363	374	333
Tanzania	0	0	0	0	0	0	0	0	2317	425	597
Germany	403	586	607	301	406	457	287	347	223	174	184
Estonia	0	0	283	983	1735	1028	774	1239	1312	1195	1083
Spain	0	0	0	15	20	8	64	27	314	218	105
Jamaica	0	0	0	173	227	241	361	321	286	194	147
Ex USSR	12	199	26	0	0	0	0	171	299	771	891
Others	529	636	978	866	888	948	1261	1139	1050	980	444
Total	4420	5215	6260	6604	7222	6415	6059	6813	9367	7425	7901

	2001	2002	2003	2004	2005	2006
Uganda	428	610	780	1091	1561	2351
Denmark	1012	756	866	1211	1390	1615
Netherlands	1044	1136	814	1004	1203	1404
Italy	493	486	413	709	815	624
Sweden	1101	1055	938	614	567	613
Kenya	136	118	135	224	230	336
France	167	153	102	105	168	191
Poland	251	180	90	209	336	179
Tanzania	501	288	155	205	42	152
Germany	202	56	88	150	148	123
Estonia	831	537	308	203	140	113
Spain	281	110	86	112	32	50
Jamaica	178	144	100	48	44	45
Ex USSR	760	148	133	149	35	4
Others	694	736	749	852	662	657
Total	8080	6510	5754	6886	7372	8458

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**EU total import of frozen freshwater fish nei, country
of origin, in tonnes**

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Thailand	1281	1037	1161	1234	929	984	1049	940	1580	764	927
Myanmar	-	-	-	-	-	-	-	-	-	-	2238
Bangladesh	2311	2210	2858	1704	2358	1852	2656	1927	1204	2307	1964
China	-	-	-	-	-	-	-	-	-	-	573
Uganda	-	-	-	-	-	-	-	-	-	-	201
Netherlands	863	661	837	457	969	598	637	5750	487	901	978
Indonesia	-	-	-	-	-	-	-	-	-	-	37
Tanzania	-	-	-	-	-	-	-	-	-	-	1187
Turkey	-	-	-	-	-	-	-	-	-	-	7
Vietnam	-	-	-	-	-	-	-	-	-	-	434
Kenya	42	14	45	13	61	317	763	463	1091	229	0
Taiwan	31	58	176	368	911	1252	1477	1856	2833	4043	5087
Pakistan	405	241	336	1143	925	1486	1445	1604	1199	1079	1059
Russia	NA	NA	310	312	219	313	739	267	1993	2453	249
Others	1754	2583	2650	2070	2666	3183	3133	0	5817	5346	4988
Total	6687	6804	8373	7301	9038	9985	11899	12807	16204	17122	19928

	2001	2002	2003	2004	2005	2006
Thailand	1242	918	1228	4270	6797	9393
Myanmar	3384	3210	3609	3785	4049	5752
Bangladesh	1940	2798	2756	2673	3597	3761
China	1863	198	988	547	1886	3388
Uganda	1216	1604	1043	1354	1794	1865
Netherlands	1094	1263	1756	857	1546	1775
Indonesia	22	16	68	2523	1592	1733
Tanzania	582	517	627	1198	1092	1691
Turkey	6	95	120	765	1785	1605
Vietnam	524	668	824	2618	1347	1482
Kenya	202	1098	504	455	431	1048
Taiwan	5544	7383	6344	20	273	1018
Pakistan	676	612	487	651	268	580
Russia	247	528	532	0	0	0
Others	4144	5252	4994	6671	5428	5127
Total	22685	26159	25880	28386	31883	40216

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**EU total import of frozen freshwater fillets, country of
origin, in tonnes**

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Vietnam	-	-	-	-	-	-	-	-	-	571
Netherlands	255	316	488	1709	2240	3446	3658	3938	3205	2186
Tanzania	-	-	120	763	3249	3977	5820	5051	10741	2030
Germany	22	9	22	199	270	517	561	862	1370	2439
Kazakhstan	NA	NA	72	108	333	669	710	1248	572	0
China	-	-	-	-	-	-	-	-	-	30
Denmark	24	62	482	209	168	428	544	694	-	726
Uganda	215	1160	1626	865	1030	1535	1634	2317	3802	610
Kenya	2714	4897	4408	5568	7004	4624	5350	3305	6186	181
Canada	1350	1003	938	747	830	682	846	793	669	655
Portugal	20	0	8	14	112	380	583	377	122	193
Others	895	889	1017	1612	1627	4003	2762	3302	5930	6294
Total	5495	8336	9181	11794	16863	20261	22468	21887	32597	15913

	2000	2001	2002	2003	2004	2005	2006
Vietnam	845	2081	3236	7417	19357	34172	78499
Netherlands	3338	4242	3405	3655	4947	7621	9220
Tanzania	6685	4259	4257	4697	5684	8083	8543
Germany	1428	1824	1207	2486	2470	5277	5322
Kazakhstan	0	0	0	843	2127	4117	3380
China	90	288	106	1	53	1089	3361
Denmark	869	708	1030	1574	1597	2949	2833
Uganda	668	2404	1909	2747	1956	2803	2688
Kenya	0	436	1369	1535	1032	1474	1179
Canada	468	711	428	418	344	328	544
Portugal	51	82	0	3	4	402	279
Others	7233	11194	10830	11832	13974	13276	13005
Total	21675	28228	27777	37208	53545	81590	128852

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**EU total import of freshwater fish, by product form,
in tonnes**

	1990	1991	1992	1993	1994	1995	1996	1997	1998
Live	-	-	-	-	-	-	-	-	-
Eel	11988	11507	11417	8957	10105	8791	8799	8437	9884
Carp	4735	5243	6334	5347	7393	7747	7334	6538	6564
Freshw nei	2679	2720	3357	2355	3597	2721	3022	3696	3681
Fresh/chilled	-	-	-	-	-	-	-	-	-
Freshw nei	4420	5215	6260	6604	7222	6415	6059	6813	9367
Eel	1261	1018	1037	1267	1398	1576	1060	1135	1543
Carp	366	279	409	268	267	900	279	475	939
Frozen	-	-	-	-	-	-	-	-	-
Freshw nei	6687	6804	8373	7301	9038	9985	11899	12807	16204
Fillets	5495	8336	9181	11794	16863	20261	22468	21887	32597
Fish meat	1545	866	1047	1111	1543	2119	1849	1799	1979
Eel	3586	4036	3483	2581	2738	2476	2815	2488	2358
Carp	351	121	105	138	105	169	193	350	312
Total	43113	46145	51003	47723	60269	63161	65777	66425	85428
	1999	2000	2001	2002	2003	2004	2005	2006	
Live	-	-	-	-	-	-	-	-	-
Eel	8172	7212	7994	7644	7209	6677	7277	5373	
Carp	6219	7404	6201	6655	7216	5355	4192	3435	
Freshw nei	4003	4303	7473	5210	3294	2460	2142	1801	
Fresh/chilled	-	-	-	-	-	-	-	-	-
Freshw nei	7425	7901	8080	6510	5754	6886	7372	8458	
Eel	1551	1943	1884	1759	1323	1038	1043	819	
Carp	590	437	387	332	573	442	452	404	
Frozen	-	-	-	-	-	-	-	-	-
Freshw nei	17122	19928	22685	26159	25880	28386	31883	40216	
Fillets	15913	21675	28228	27777	37208	53545	81590	128852	
Fish meat	2312	2270	2396	2629	3887	3096	4193	4813	
Eel	2203	1906	3378	2086	2576	1996	2582	1909	
Carp	275	983	479	94	189	188	117	175	
Total	65784	75961	89184	86855	95109	110068	142842	196253	

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**World import of fresh/chilled freshwater fish nei,
selected countries, in tonnes**

	1990	1991	1992	1993	1994	1995	1996	1997	1998
USA	4187	4054	3529	2687	2746	2265	2200	2664	2456
France	1472	1647	1723	1519	1355	1320	1383	1458	1205
Estonia	-	-	-	-	-	-	-	-	-
Belgium	107	254	158	119	105	489	152	230	2275
Canada	-	-	-	121	284	197	320	626	493
Indonesia	3	6	9	2	50	2	1	2	2
Others	7462	7815	5268	5970	7342	5548	5195	6827	8770
Total	13231	13776	10687	10418	11882	9821	9251	11807	15201

	1999	2000	2001	2002	2003	2004	2005
USA	2376	2640	1926	2978	2210	2160	2240
France	1214	1488	1005	1084	994	1557	2050
Estonia	-	-	-	-	-	1960	1234
Belgium	493	1120	945	1101	1087	1291	1217
Canada	1084	1602	1332	1589	1127	802	1066
Indonesia	650	761	520	498	615	1114	969
Others	11050	10755	7998	5845	6041	8003	6352
Total	16867	18366	13726	13095	12074	16887	15128

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FRESHWATER IN GENERAL - Exports

EU total export of live/fresh/chilled/frozen freshwater fish, from EU member countries, in tonnes

	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Belguim	803	630	1097	2639	1305	1319	3136	3355	3255	6109	5046	5597
Netherlands	2156	2118	2411	2738	3353	4817	5464	5079	6785	6766	4458	4189
Ireland	1183	999	1016	817	937	941	1289	1058	1542	1338	1950	1898
France	211	708	495	347	338	526	636	630	591	667	1079	1248
UK	19	44	84	65	58	74	181	304	295	570	873	1019
Denmark	1718	2009	1677	1663	1688	1596	1416	1889	1559	1226	1019	1003
Spain	195	115	45	166	181	538	478	503	439	588	238	805
Sweden	1064	965	962	1020	1044	891	711	900	704	622	523	574
Greece	602	360	64	184	182	181	161	149	68	24	64	423
Italy	427	442	429	373	393	397	440	349	337	410	524	258
Finland	97	51	121	92	115	146	146	218	311	299	319	252
Germany	700	481	510	533	443	941	619	405	631	663	336	231
Austria	1	33	140	192	232	176	233	261	330	201	113	90
Lux	0	0	0	0	3	5	13	124	49	102	20	47
Portugal	42	62	167	48	18	10	21	45	102	45	54	18
Total EU (15)	9220	9017	9218	10876	10289	12556	14944	15268	17000	19628	16614	17651

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EU total export of live freshwater fish nei, country of destination, in tonnes

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Germany	153	162	233	378	379	404	834	204	147	295	741
Austria	24	43	100	70	155	179	165	146	127	103	109
Denamrk	-	-	-	-	-	-	-	-	-	-	85
France	-	-	-	-	-	-	-	-	-	-	36
Belg/Lux	592	585	723	281	534	274	215	264	269	309	204
Italy	99	137	114	136	203	128	97	122	117	85	147
Netherlands	29	70	58	58	360	103	94	146	131	153	300
Others	270	246	381	259	422	251	116	205	106	181	115
Total	1167	1243	1609	1182	2053	1339	1521	1087	897	1126	1737

	2001	2002	2003	2004	2005	2006
Germany	823	213	396	275	374	394
Austria	126	99	139	163	176	147
Denamrk	92	1	0	4	18	89
France	34	73	62	77	127	46
Belg/Lux	167	231	406	152	18	35
Italy	61	55	50	11	8	5
Netherlands	392	164	61	94	25	2
Others	96	279	84	173	208	71
Total	1791	1115	1198	947	954	788

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**EU total export of fresh/chilled freshwater fish nei,
country of destination, in tonnes**

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Netherlands	403	1286	895	436	668	515	265	296	2204	851	297
Italy	45	120	104	114	303	755	547	294	244	257	272
France	1137	1644	1823	1427	1518	1334	1320	1455	1146	1069	1188
Portugal	-	-	-	-	-	-	-	-	-	-	17
Germany	235	254	521	724	576	664	630	595	594	513	459
Denmark	6	33	12	8	10	838	816	834	904	962	796
Spain	-	-	-	-	-	-	-	-	-	-	149
Switzerland	296	328	320	364	652	552	416	846	1521	1303	2081
Others	210	587	1983	593	830	896	569	594	712	774	711
Total	2332	4252	5658	3666	4557	5554	4563	4914	7325	5729	5970

	2001	2002	2003	2004	2005	2006
Netherlands	758	627	565	550	633	1566
Italy	519	567	670	832	516	761
France	1090	1007	961	719	614	716
Portugal	53	272	312	404	432	603
Germany	586	496	561	479	381	600
Denmark	739	873	867	959	502	593
Spain	98	299	382	173	583	565
Switzerland	2964	3051	3525	169	207	209
Others	486	910	857	785	898	740
Total	7293	8102	8700	5070	4765	6352

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Eurostat - 20070731.

**EU total export of frozen freshwater fish nei, country
of destination, in tonnes**

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
France	635	1447	3630	382	769	219	677	980	591	909	1207
Spain	595	722	455	1196	1332	1263	875	1012	878	1008	1072
Netherlands	-	-	-	-	-	-	-	-	-	-	697
Portugal	-	-	-	-	-	-	-	-	-	-	55
Germany	116	736	423	335	248	214	123	109	95	148	197
Italy	304	405	433	416	559	303	461	468	151	456	523
Switzerland	13	35	64	95	45	48	423	133	29	37	108
Others	376	2573	2904	774	382	245	192	508	473	664	990
Total	2039	5918	7909	3198	3335	2292	2751	3210	2217	3222	4849

	2001	2002	2003	2004	2005	2006
France	1809	1831	2505	3496	2048	3392
Spain	1240	1086	1401	1458	1673	1556
Netherlands	1071	1448	771	1720	2556	1376
Portugal	10	19	474	1032	1600	788
Germany	251	257	436	3513	429	599
Italy	385	376	265	297	721	457
Switzerland	135	115	50	37	9	16
Others	960	919	1201	2059	1858	2329
Total	5860	6051	7102	13611	10894	10511

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**EU total export of frozen freshwater fish fillets,
country of destination, in tonnes**

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Netherlands	23	42	45	209	108	67	157	277	2764	164
Germany	194	279	369	419	694	833	758	659	789	841
France	159	164	52	310	840	1157	1176	1280	1761	2057
Spain	33	84	104	777	1129	1512	1089	720	363	486
Poland	-	-	-	-	-	-	-	-	-	23
Italy	42	37	40	35	12	103	161	381	405	631
Portugal	0	21	8	0	24	52	158	52	136	146
UK	272	5	3	55	87	301	457	645	325	259
Others	339	498	696	688	1001	1619	1667	2191	3808	4092
Total	1062	1130	1317	2493	3895	5644	5623	6205	10351	8699

	2000	2001	2002	2003	2004	2005	2006
Netherlands	785	1509	2305	2141	2649	5339	6757
Germany	1299	1863	1026	2149	1881	4629	6258
France	1519	1366	1106	1465	2512	3241	5854
Spain	564	629	534	1348	1960	3058	3978
Poland	33	108	62	47	343	1865	3229
Italy	680	679	621	863	1105	1949	2724
Portugal	282	231	79	226	720	758	691
UK	97	85	280	206	455	210	214
Others	1709	2129	2261	3114	4032	5388	6804
Total	6967	8597	8274	11559	15656	26438	36508

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**EU total export of freshwater fish, by product form,
in tonnes**

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Live:	-	-	-	-	-	-	-	-	-	-
Eel	7239	7061	6493	6578	6822	7700	7879	9055	7693	11382
Carp	715	1254	1051	1133	1245	1364	1518	1992	1531	2616
Freshw nei	1167	1243	1609	1182	2053	1339	1521	1087	823	1126
Fresh/chilled:	-	-	-	-	-	-	-	-	-	-
Freshw nei	2332	4252	5658	3666	4557	5554	4563	4914	7325	5729
Eel	1137	1042	1002	946	1086	1163	1355	1666	1429	1062
Carp	69	1729	682	509	546	630	358	566	533	946
Frozen:	-	-	-	-	-	-	-	-	-	-
Fillets	1062	1130	1317	2493	3895	5644	5623	6205	10351	8699
Freshw nei	2039	5918	7909	3198	3335	2292	2751	3210	2217	3222
Fish meat	342	436	758	714	532	2992	642	932	1503	1859
Eel	1632	1154	1149	969	1153	2359	1114	664	1112	820
Carp	68	1878	3858	560	4196	318	37	776	59	32
Total	17802	27097	31486	21948	29420	31354	27361	31067	34576	37494
	2000	2001	2002	2003	2004	2005	2006			
Live:	-	-	-	-	-	-	-	-	-	-
Eel	7447	6682	6176	5673	5716	5550	5588			
Carp	2585	1473	1239	1428	1222	652	341			
Freshw nei	1737	1791	1115	1198	947	954	788			
Fresh/chilled:	-	-	-	-	-	-	-	-	-	-
Freshw nei	5970	7293	8102	8700	5070	4765	6352			
Eel	1231	1259	1472	1355	1698	1206	913			
Carp	532	1176	240	433	261	222	182			
Frozen:	-	-	-	-	-	-	-	-	-	-
Fillets	6967	8597	8274	11559	15656	26438	36508			
Freshw nei	4849	5860	6051	7102	13611	10894	10511			
Fish meat	2379	2239	2242	3314	3152	3245	5334			
Eel	840	1491	1014	965	739	1198	1244			
Carp	47	7	74	60	13	6	14			
Total	34584	37869	35998	41786	48086	55128	67775			

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**World export of fresh/chilled freshwater fish nei,
selected countries, in tonnes**

	1990	1991	1992	1993	1994	1995	1996	1997	1998
Indonesia	8756	14605	15904	27961	13434	13846	13968	13580	4119
Cambodia	-	-	8854	9923	9080	9443	10700	14870	12430
Canada	-	-	-	2569	2664	2153	1897	1853	1758
Russian Fed.	-	-	-	-	-	-	-	-	-
Denmark	400	596	1161	1693	1689	1458	1249	1569	1688
Belgium	132	164	178	219	220	123	120	171	1983
France	78	81	186	47	264	104	119	92	150
Netherlands	874	1067	1249	1003	1217	1286	1148	1382	1692
Georgia	-	-	-	-	-	-	-	-	-
Sweden	1039	1082	1277	1463	1182	1060	938	950	947
Poland	-	-	-	-	658	*	*	*	441
Finland	-	-	-	-	-	66	17	69	46
Estonia	-	-	-	-	-	-	-	-	-
Kenya	-	-	-	-	-	-	-	-	-
Others	9,349	4,491	4,797	1,634	2,721	2,673	4,824	4,978	4,256
Total	20628	22086	33606	46512	33129	32212	34980	39514	29510

	1999	2000	2001	2002	2003	2004	2005
Cambodia	25630	28973	30246	24985	23717	26795	28818
Indonesia	13738	13342	18000	17000	16000	15000	15000
Belgium	1680	1917	1355	2475	1720	1473	1714
Canada	-	-	-	-	-	2249	1627
Netherlands	1612	1579	1399	1355	1452	1152	915
Denmark	620	272	668	720	776	603	744
Taiwan P.C.	85	84	129	108	97	113	694
Sweden	1739	1971	2922	3108	4023	555	645
Germany	-	-	-	-	-	-	537
Uruguay	1015	864	703	899	701	618	522
Jamaica	596	381	324	240	226	233	283
Italy	56	40	44	185	255	291	267
Turkey	-	-	-	-	-	370	250
Mongolia	-	-	-	-	-	-	231
Others	5,159	3,520	4,158	2985	4265	3420	1722
Total	51930	52943	59948	54060	53232	52872	53969

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FRESHWATER IN GENERAL - Production

World captures of freshwater fish by species 1000 tonnes

	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994
Carps, barbels etc.	503	512	560	595	769	776	755	799	623	679	762
Miscellaneous f f	3837	3805	3981	3993	3939	3897	4127	3798	3851	4212	4150
River eels	21	19	19	17	19	17	17	16	17	15	18
Sturgeons, paddlef	27	25	25	24	20	19	18	15	14	9	8
Tilapias etc.	375	330	375	394	417	421	497	585	578	528	532
Total	4764	4691	4960	5024	5164	5130	5413	5213	5084	5444	5470
	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Carps, barbels etc.	784	669	614	605	617	574	570	617	624	594	648
Miscellaneous f f	4468	4702	4873	5049	5592	5634	5733	5401	6234	6278	6798
River eels	15	17	15	12	12	16	12	11	11	11	10
Sturgeons, paddlef	6	5	5	4	3	3	2	2	2	1	1
Tilapias etc.	594	561	562	598	637	680	678	662	690	754	753
Total	5867	5954	6069	6269	6861	6907	6996	6693	7561	7639	8211

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World aquaculture captures of freshwater fishes nei 1000 tonnes

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
China	187	247	262	433	535	614	740	878	971	1128	1378	1485
Viet Nam	111	111	110	123	271	296	239	214	203	224	265	269
Myanmar	-	-	-	-	-	-	-	-	-	-	-	-
Bangladesh	174	191	206	209	235	85	93	94	110	114	133	136
Indonesia	46	42	45	34	38	33	45	32	83	39	41	68
India	275	348	352	217	269	270	89	83	100	148	41	99
Canada	-	0	0	0	0	0	0	0	0	0	1	2
Brazil	18	20	26	27	27	2	8	5	16	22	26	16
Thailand	0	2	1	1	1	2	3	2	2	3	5	5
Cuba	0	0	3	4	6	9	16	10	9	9	10	9
Germany	-	6	6	7	7	6	8	6	6	6	6	6
Taiwan PC	2	2	2	3	4	6	5	7	6	5	3	3
Australia	-	-	-	-	-	-	-	0	0	0	0	0
Malaysia	3	1	2	1	1	1	1	1	5	3	9	3
Korea DPR	1	1	1	1	1	2	2	2	2	2	2	2
Others	6	12	13	15	17	11	9	10	10	22	20	14
Total	823	985	1029	1072	1411	1335	1257	1343	1523	1725	1940	2117

	2002	2003	2004	2005
China	2026	571	533	639
Viet Nam	307	437	507	585
Myanmar	74	77	199	255
Bangladesh	154	173	223	192
Indonesia	73	59	42	46
India	102	108	109	29
Canada	2	1	5	13
Brazil	17	6	9	10
Thailand	5	4	5	7
Cuba	9	9	9	6
Germany	6	6	6	3
Taiwan PC	3	4	4	3
Australia	0	2	2	3
Malaysia	2	2	3	2
Korea DPR	2	2	2	2
Others	18	19	12	7
Total	2799	1479	1671	1800

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**World captures of freshwater fish nei, selected countries,
in 1000 tonnes**

	1990	1991	1992	1993	1994	1995	1996	1997	1998
China	608	709	650	738	794	895	995	1033	1218
Bangladesh	317	346	332	354	446	443	445	451	457
Myanmar	138	139	141	142	146	148	147	149	149
Cambodia	65	75	69	68	65	72	63	73	76
India	318	123	74	195	88	93	225	246	225
Congo, Dem. Rep. of the	159	162	184	193	152	155	159	158	174
Viet Nam	125	136	137	146	79	94	164	177	138
Tanzania UR	69	67	68	58	36	62	56	61	59
Pakistan	103	103	109	109	119	121	142	168	164
Indonesia	106	101	113	110	125	123	115	104	97
Cameroon	22	22	22	23	27	30	35	40	45
Ghana	58	57	56	52	55	60	74	70	75
Thailand	47	37	37	53	65	60	106	109	70
Chad	70	60	80	87	80	90	100	85	51
Zambia	56	57	59	56	61	62	59	58	60
Niger	3	3	2	2	3	4	4	6	7
Senegal	17	19	25	28	34	40	48	81	43
Sudan	30	32	33	38	40	30	30	31	28
Congo Rep.	26	27	21	28	25	27	26	19	25
Brazil	15	13	15	19	19	40	42	41	44
Peru	28	42	33	38	49	44	20	28	29
Nigeria	27	29	41	39	43	34	30	11	2
Lao People's Dem. Rep.	18	19	17	17	21	23	20	16	17
Egypt	157	68	66	66	81	63	56	64	96
Nepal	5	5	6	7	7	11	11	11	12
Mali	18	18	18	17	16	35	40	61	35
Germany	4	4	4	6	7	19	19	19	19
Poland	13	12	15	26	22	21	14	10	10
Venezuela BR	1	2	2	2	3	5	4	8	8
Central African Republic	13	14	13	13	14	14	14	14	15
Philippines	16	13	13	8	5	7	5	7	4
Sierra Leone	15	13	14	14	15	15	15	15	14
Angola	8	7	7	7	7	6	6	6	6
Sri Lanka	-	-	-	-	-	-	-	-	-
Burkina Faso	7	7	8	7	8	8	8	8	8
Uganda	2	2	3	20	2	3	12	5	-
Japan	18	17	17	15	14	13	13	13	12
Others	334	268	268	250	244	243	237	236	203
Total	3037	2828	2770	3049	3015	3214	3557	3690	3694

**World captures of freshwater fish nei, selected countries,
in 1000 tonnes (cont)**

	1999	2000	2001	2002	2003	2004	2005
China	1395	1223	1033	924	1731	1724	1830
Bangladesh	576	591	614	620	646	661	782
Myanmar	160	196	238	255	290	454	539
Cambodia	231	245	385	360	308	250	324
India	330	416	599	344	308	226	271
Congo, Dem. Rep. of the	205	205	210	215	215	215	215
Viet Nam	168	180	189	164	149	134	130
Tanzania UR	68	97	86	84	99	97	97
Pakistan	180	176	122	114	93	94	95
Indonesia	110	113	108	102	114	82	78
Cameroon	50	55	53	65	55	65	75
Ghana	75	75	75	75	75	75	75
Thailand	59	64	69	70	75	73	73
Chad	60	83	80	75	70	70	70
Zambia	58	58	57	57	57	57	57
Niger	11	16	21	24	56	51	50
Senegal	59	40	38	38	38	38	38
Sudan	28	30	33	32	34	32	35
Congo Rep.	25	25	26	29	31	30	33
Brazil	43	26	29	36	30	33	31
Peru	24	19	23	18	21	24	28
Nigeria	17	48	37	96	5	19	27
Lao People's Dem. Rep.	26	25	26	28	25	25	25
Egypt	84	34	37	38	33	25	23
Nepal	13	17	17	18	19	20	20
Mali	35	21	19	19	19	19	19
Germany	19	19	19	19	19	19	19
Poland	10	13	13	14	15	16	17
Venezuela BR	13	0	5	13	16	16	16
Central African Republic	15	15	15	15	15	15	15
Philippines	4	4	4	8	8	8	14
Sierra Leone	14	14	14	14	14	14	14
Angola	6	7	8	9	10	10	10
Sri Lanka	3	9	9	9	9	9	10
Burkina Faso	8	9	9	9	9	9	9
Uganda	-	0	0	2	1	7	8
Japan	11	10	10	9	9	7	7
Others	173	197	167	175	176	149	143
Total	4363	4377	4495	4195	4896	4873	5322

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**World freshwater fish in aquaculture, by species
(main groups), in 1000 tonnes**

	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994
Carps, barbels etc	2786	3427	4088	4735	5195	5304	5628	5637	6434	7491	8767
Miscellaneous	636	708	777	836	889	1148	1142	1330	1436	1499	1837
Tilapia etc	175	212	228	269	294	346	379	398	485	549	593
River eels	78	80	78	87	98	155	172	185	191	187	188
Sturgeons, paddlefishes	0	0	0	0	1	0	0	0	0	0	1
Total	3676	4428	5172	5929	6477	6954	7321	7550	8546	9727	11386
	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Carps, barbels etc	10406	11999	13237	13930	14949	15452	16316	16728	17448	18703	19542
Miscellaneous	1831	1840	2047	2288	2588	2747	2921	3764	3273	3825	4211
Tilapia etc	703	810	931	951	1104	1270	1386	1491	1684	1899	2026
River eels	188	234	234	226	219	233	231	232	232	248	242
Sturgeons, paddlefishes	1	1	2	2	2	3	3	4	15	15	20
Total	13129	14885	16451	17397	18861	19705	20857	22218	22652	24691	26040

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NILE PERCH - Prices

Monthly Nile Perch fresh fillets, in Europe, origin Kenya, Uganda, Tanzania in €/kg

	J	F	M	A	M	J	J	A	S	O	N	D
100-400 gr/pc												
2005	na	4.9	na	na	na	na	na	5.1	5.2	5.2	5.2	na
2006	5.2	5.3	6	na	na	na	na	na	5.2	5.2	na	na
2007	na	na	4.85	na	4.90	na						
	J	F	M	A	M	J	J	A	S	O	N	D
400-700 gr/pc												
2005	na	na	5.1	na	na	na	na	na	6.1	5.2	5.2	5.2
2006	5.2	5.3	6	na	na	na	na	na	5.2	5.4	na	na
2007	na	na	4.85	na	4.9	na						

Source: EPR - 20070615.

Market prices of fresh Nile Perch fillets, 200-400gr/pc, cif Spain origin Lake Victoria, in €/kg

Month	2004	2005	2006	2007
J	NA	4.86	5.20	NA
F	NA	4.70	5.30	NA
M	NA	4.84	6.00	NA
A	NA	4.81	5.64	NA
M	NA	4.82	6.38	NA
J	NA	4.78	6.08	NA
J	NA	5.23	6.18	NA
A	4.80	5.10	NA	
S	4.80	5.10	NA	
O	4.70	5.20	NA	
N	4.50	5.20	NA	
D	4.30*	5.20	NA	

EPR - 20060715.

**Market prices for frozen, Nile perch fillets, blocks
8-16 oz, ex-warehouse New York, USA, origin Lake
Victoria, Kenya, in US\$/lb**

Month	1997	1998	1999	2000	2001*	2002	2003	2004	2005	2006	2007
J	2.1	2.2	2.1	NA	1.98	1.93	2.17	NA	NA	NA	2.50#
F	2.2	2.2	2.1	NA	1.68	2.03	2.17	NA	NA	NA	2.50#
M	2.2	2.2	2.1	NA	1.68	2.03	2.17	NA	NA	NA	2.50#
A	2.2	2.2	2.1	1.98*	1.93	2.08	2.17	NA	NA	NA	2.50#
M	2.2	NA	2.1	1.97*	1.93	2.17	2.17	NA	NA	NA	2.50#
J	2.2	NA	NA	1.97*	1.93	2.17	2.17	NA	NA	NA	2.50#
J	2.2	NA	NA	1.97*	1.93	2.17	2.17	NA	NA	NA	2.50#
A	2.2	NA	NA	1.97*	1.93	2.17	2.17	NA	NA	NA	2.50#
S	2.2	NA	NA	1.97*	1.93	2.17	2.17	NA	NA	NA	2.50#
O	2.2	NA	NA	1.97*	1.93	2.17	2.17	NA	NA	2.50#	2.50#
N	2.2	NA	NA	1.97*	1.93	2.17	NA	NA	NA	2.50#	2.50#
D	2.2	NA	NA	1.97*	1.93	2.17	NA	NA	NA	2.50#	2.50#

* = 4-21 oz/pc.

= 8-10 oz/pc

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**Market prices of fresh Nile perch fillets, 200-400gr/pc, cif Spain origin
Lake Victoria, in US\$/kg**

Month	2004	2005	2006	2007
J	NA	4.62	6.32	NA
F	NA	4.45	6.34	NA
M	NA	4.67	7.15	7.46
A	NA	4.56	7.56	NA
M	NA	4.42	7.32	6.64
J	NA	4.3	7.00	NA
J	NA	4.56	7.09	6.4
A	5.78	4.56	7.46	
S	5.90	6.26	7.59	
O	5.82	6.26	7.40	
N	5.82	6.12	7.56	
D	5.72	6.15	NA	

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EPR - 20070715.

**Monthly Prices Nile Perch fresh fillets, in Europe, origin Kenya, Uganda, Tanzania
in Euro/kg**

	J	F	M	A	M	J	J	A	S	O	N	D
100-400 gr/pc												
2005	na	4.9	na	na	na	na	na	5.1	5.2	5.2	5.2	na
2006	5.2	5.3	6	na	na	na	na	na	5.2	5.2	na	na
2007	na	na	4.85	na	4.90	na	-	-	-	-	-	-
	J	F	M	A	M	J	J	A	S	O	N	D
400-700 gr/pc												
2005	na	na	5.1	na	na	na	na	na	6.1	5.2	5.2	5.2
2006	5.2	5.3	6	na	na	na	na	na	5.2	5.4	na	na
2007	na	na	4.85	na	4.9	na	-	-	-	-	-	-

Source: EPR - 20070615.

NILE PERCH - Exports

Nile Perch fillet exports to the EU by country of origin in tonnes

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Kenya	7488	2447	1121	30	2747	3972	5086	6737	5184	4202
Tanzania	9015	12506	4581	26857	23063	23119	26965	30813	23977	23564
Uganda	8621	8894	2731	3451	14776	12213	13062	18539	23808	21179
Total	25124	23846	8433	30338	40586	39303	45113	56089	52968	48945

Source: Eurostat - 20070615.

Nile Perch fillet exports to the EU by main exporting countries 1000 Euro

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Kenya	26109	6589	4539	125	13062	19375	19134	23433	19117	16211
Tanzania	29491	42899	15699	110667	99170	114235	99701	99510	90045	93181
Uganda	31892	32544	11305	14649	62930	60679	51049	69491	101216	95429
Total	87491	82032	31543	125440	175163	194289	169884	192434	210378	204822

Source: Eurostat - 20070615.

NILE PERCH - Imports

Total EU imports of fresh and frozen Nile Perch fillets[1] - in tonnes

Country	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Netherlands	8184	6086	2438	9111	9186	11204	14509	14483	11986	11106
Belgium	-	-	2868	17038	25354	16890	13371	13823	11990	9937
France	146	416	31	30	116	44	272	5280	9543	9777
Germany	2629	1043	812	431	1329	1946	4197	4619	7199	8020
Italy	379	504	76	218	653	1227	740	1791	3498	3724
Greece	3157	3018	629	1407	1533	2149	2291	2530	3170	2802
Spain	394	1156	1123	871	705	1123	1704	2646	2949	2751
Portugal	201	365	88	432	174	325	676	408	585	655
Sweden	32	35	16	16	16	1137	24	50	76	105
Luxembourg	-	-	238	784	1520	1066	1263	743	399	60
UK	15	40	9	-	-	3	22	13	11	9
Austria	-	-	107	-	-	1628	5638	8734	1563	0
Denmark	-	-	-	-	-	563	406	700	0	0
Belg.-Luxbg	9988	11183	-	-	-	-	-	-	-	-
Total	25124	23846	8433	30338	40586	39303	45113	56089	52968	48945

Source: Eurostat - 20070615.

[1] freshwater fillets not specified, imported from Tanzania, Uganda or Kenya

NILE PERCH - Production

Nile Perch production by country in 1000 tonnes

	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Uganda	109	118	120	104	130	95	101	93	81	92	99	89
Tanzania	153	165	179	99	100	156	124	156	121	152	150	100
Kenya	63	57	72	57	78	100	104	103	97	74	77	103
Nigeria	9	10	2	6	8	9	6	5	4	5	6	7
Egypt	-	-	-	-	-	-	-	2	3	3	3	3
Mali	3	4	4	4	4	4	4	8	6	5	5	5
Ethiopia	-	-	-	-	-	-	-	1	0	0	0	0
Others	0	0	0	0	0	0	0	0	0	0	0	0
Total	337	354	378	269	320	364	339	368	312	330	340	307

	2000	2001	2002	2003	2004	2005
Uganda	87	89	91	113	156	175
Tanzania	90	96	92	99	99	99
Kenya	110	79	58	55	57	53
Nigeria	6	8	5	8	10	13
Egypt	3	5	6	10	10	7
Mali	7	6	6	6	6	6
Ethiopia	0	0	0	0	1	2
Others	1	1	2	2	2	2
Total	304	284	260	293	341	356

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TILAPIA - Prices

**Market prices on chilled tilapia fillets, primary
wholesale, NY, USA, origin Costa Rica, in US\$/lb**

Month	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
J	-	4.1	4.1	4.1	4	3.85	3.85	3.85	3.85	3.85	NA
F	-	NA	4.1	4.1	4.1	3.9	3.88	3.85	3.85	3.80	3.25
M	4.1	4.1	4.1	4.1	4.1	3.9	3.9	3.85	3.85	3.80	3.25
A	-	4.1	4.1	4.1	4*	3.9	3.9	3.85	3.85	3.80	3.20
M	4.1	4.1	4.1	4.1	4*	3.85	3.85	3.85	3.85	3.80	3.20
J	-	4.1	4.1	4.1	4*	3.75	3.85	3.75	3.85	3.80	3.15
J	4.1	4.1	4.1	4.1	4*	3.9	3.9	3.9	3.85	3.80	
A	4.1	4.1	4.1	4.1	4	3.9	3.85	3.9	3.85	3.80	
S	4.1	4.1	4.1	4.1	3.75	3.9	3.75	3.9	3.85	3.80	
O	4.1	4.1	4.1	4.1	3.85	3.75**	3.85	3.9	3.85	NA	
N	4.1	4.1	NA	4	3.95	3.75**	3.85	3.9	3.85	NA	
D	4.1	4.1	4.1	4	3.9	3.9	3.85	3.9	3.85	NA	

*= Ecuador.

**=Honduras

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ITN - 20070615.

**Market prices on frozen, tilapia fillets, 3-5oz/lb,
EX-warehouse New York, USA, origin Ecuador, in US\$/lb -**

Month	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
J	-	2.9	2.55	2.7	2.8	1.95	1.95	2.1	2.15	1.68	1.65
F	-	2.75	2.5	2.65	2.8	1.95	2.1	2.1	1.85	1.68	1.65
M	2.65	2.6	2.5	2.75	2.8	1.95	2.1	2.1	1.68	1.68	1.65
A	2.7	2.6	2.45	2.75	2.55*	1.95	2.1	2.1	1.68	1.68	1.65
M	2.7	2.7	2.45	2.76	2.48*	1.95	2.1	2.1	1.68	1.68	1.65
J	-	2.7	2.55	2.7	2.3*	1.95	2.1	2.1	1.68	1.68	1.60
J	-	2.7	2.6	2.7	2.3*	1.95	2.1	2.1	1.68	1.68	
A	-	2.7	2.65	2.7	2.3*	1.95	2.1	2.1	1.68	1.68	
S	-	2.65	2.65	2.7	2.3*	1.95	2.1	2.1	1.68	1.6	
O	-	2.65	2.65	2.8	2.3*	1.95	2.1	2.15	1.68	1.6	
N	-	2.65	2.65	2.8	2.05*	1.95	2.1	2.05	1.68	1.5	
D	-	2.6	2.65	2.8	1.95*	1.95	2.1	2.05	1.68	1.65	

*= Indonesia, Taiwan.

014314. 0706.

ITN - 20070615.

TILAPIA - Production

World captures of tilapias, by species, in 1000 tonnes

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Tilapias nei	330	323	327	265	258	277	282	302	299	321	344	338
Nile tilapia	90	186	176	186	192	242	208	188	230	227	246	249
Mozambique tilapia	12	12	12	18	18	16	19	20	20	23	22	23
Blue tilapia	15	13	14	10	10	8	10	8	5	5	3	2
TOTAL	447	535	528	479	477	543	519	518	554	577	615	612

	2002	2003	2004	2005
Tilapias nei	330	348	395	416
Nile tilapia	246	245	259	231
Mozambique tilapia	20	20	21	21
Blue tilapia	2	3	3	2
TOTAL	598	617	677	670

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World aquaculture of tilapia, by species, in 1000 tonnes

Species	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Nile tilapia	234	255	328	378	426	520	624	739	773	890	1048	1114
Tilapias nei	98	93	101	116	110	119	124	135	127	160	167	207
Mozambique tilapia	43	45	49	48	52	58	56	52	46	48	49	59
Three spotted tilapia	1	1	2	2	2	2	3	3	3	3	3	3
Blue tilapia	4	3	3	2	2	2	2	2	1	1	1	1
Others	0	0	0	0	0	0	0	0	0	0	0	0
Total	379	398	485	548	593	703	810	931	951	1104	1270	1385

	2002	2003	2004	2005
Nile tilapia	1208	1378	1576	1703
Tilapias nei	222	244	272	275
Mozambique tilapia	54	56	47	43
Three spotted tilapia	3	2	2	2
Blue tilapia	1	2	2	2
Others	0	0	0	0
Total	1489	1684	1899	2026

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Tilapia captures by countries, in 1 000 tonnes

Country	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Uganda	101105	90000	109000	74280	80176	83223	75027	81379	78500	84540	96468	96172
Egypt	-	93113	93495	97679	95819	122207	125307	130992	128446	112811	131276	145291
Mexico	78815	70674	72364	75835	75024	74646	74354	74814	65178	59343	68772	60336
Tanzania UR	36602	41179	41650	20213	19610	25869	35160	25100	24000	38000	40000	45000
Thailand	27917	42500	41365	53903	63400	55746	29253	28727	40173	49840	40037	43100
Philippines	21282	19760	19458	19071	17649	21244	17663	20935	23477	25278	28874	28881
Nigeria	10119	10025	11046	8003	7874	9060	10074	12614	16300	19662	13402	18332
Mali	21161	20625	20540	19290	18855	39842	30450	1719	26675	26821	32961	30000
Indonesia	9281	9256	9749	15849	15337	13293	16943	17715	17865	21172	19831	20210
Kenya	41514	48869	24695	20082	17673	19395	18400	33282	34384	35727	39200	26413
Sri Lanka	26765	19832	17500	15000	9500	15000	22250	27250	29900	28520	23150	17190
Others	72815	69334	67633	59624	56431	63396	63969	63562	69660	75394	81308	80879
Total	447376	535167	528495	478829	477348	542921	518850	518089	554558	577108	615279	611804

Country	2002	2003	2004	2005
Uganda	98000	97330	138789	155575
Egypt	138450	150182	140561	116461
Mexico	54901	62421	68683	64594
Tanzania UR	43000	50000	51725	51700
Thailand	37100	25302	42900	35500
Philippines	30586	32136	31922	32501
Nigeria	17218	31205	22910	31756
Mali	30000	30000	30000	30000
Indonesia	17724	18059	22632	23020
Kenya	33670	20460	21423	22742
Sri Lanka	16140	17870	22170	21620
Others	81300	81911	83693	84466
Total	598089	616876	677408	669935

013998. 0706.

GLOBEFISH - 20070629.

US tilapia import – by product type in tonnes

Product	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Tilapia fillets, fresh	19 122	21 534	27 293	27 781	38730	40 748	49 045	57 299	56524	60772
Tilapia, frozen	2 499	2 696	4 971	5 186	7372	12 253	23 249	36 160	55615	74381
Tilapia fillets, frozen	2 823	3 590	5 310	7 502	10236	14 187	17 951	19 480	22729	23100
Total	24444	27820	37575	40469	56337	67187	90246	112939	134868	158253

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US frozen tilapia import – by country of origin in tonnes

	1999	2000	2001	2002	2003	2004	2005	2006
China	4 940	11 622	10 870	19 616	28 763	31 782	30884	40544
Taiwan PC	22 055	15 916	27 599	20 660	19 664	24 935	24128	18260
Ecuador	149	24	95	16	143	76	65	61
Hong Kong	0	52	0	40	135	100	40	224
Thailand	47	20	49	250	121	144	163	589
Panama	0	2	2	150	104	102	450	382
Indonesia	-	-	-	-	-	-	200	286
Others	101	145	114	17	115	160	594	426
Total	27293	27781	38730	40748	49045	57299	56524	60772

*) included under others

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US fresh tilapia fillets import – by country of origin in tonnes

	1999	2000	2001	2002	2003	2004	2005	2006
Ecuador	1 806	3 253	4 924	6 616	9 397	10 164	10 600	10870
Honduras	771	1 038	1 438	2 874	2 857	4 042	6 572	7250
Costa Rica	2 310	2 684	3 109	3 206	3 996	4 090	3 734	2677
Brazil	0	2	0	112	208	323	963	1018
El Salvador	0	0	0	78	189	258	307	228
Panama	20	159	350	147	96	93	84	128
China	38	59	191	844	857	0	0	0
Taiwan PC	155	82	76	247	281	90	0	0
Others	209	225	148	64	71	420	470	929
Total	5310	7502	10236	14187	17952	19480	22729	23100

014001. 0706.

NMFS - 20070629.

US frozen tilapia fillets import – by country of origin in tonnes

	1999	2000	2001	2002	2003	2004	2005	2006
China	749	1 810	2 529	6 026	15 857	28 086	44122	63300
Indonesia	1 146	1 218	2 179	2 572	3 582	4 250	6428	7106
Taiwan PC	2 756	1 730	2 133	2 761	2 470	2 666	3081	3137
Panama	0	0	0	48	42	94	185	212
Thailand	115	178	209	338	940	734	870	198
Ecuador	56	170	140	272	186	172	267	186
Viet Nam	1	18	53	106	73	17	366	38
Brazil	0	0	8	49	27	0	2	0
Others	147	60	121	79	72	141	294	204
Total	4971	5186	7372	12253	23 249	36 160	55615	74381

014002. 0706.

NMFS - 20070629.

EU tilapia import – by country of origin in 1000 tonnes

	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Vietnam	0.5	0.6	0.7	0.9	1.3	2.7	3.9	8.2	22.3	36.4	80.4
Netherlands	8.6	11.2	11.3	7.5	15.7	20.7	16.7	19.0	24.9	29.9	30.5
Uganda	8.8	8.8	9.7	3.0	3.7	16.4	14.3	15.0	21.0	27.2	25.4
Tanzania	7.0	9.1	14.9	5.0	28.6	24.1	23.9	27.8	32.0	25.1	25.3
Thailand	1.1	1.1	1.7	0.9	1.1	1.5	1.2	1.8	5.0	7.6	10.3
Belgium	1.2	1.8	2.8	1.1	3.0	3.9	3.5	5.9	8.1	7.1	7.9
Denmark	2.0	2.3	2.2	2.4	2.8	2.7	2.8	4.1	6.4	8.6	7.7
China	0.1	0.0	0.1	0.2	0.7	2.2	0.3	1.0	0.6	3.0	6.6
Germany	1.1	1.5	2.2	3.1	2.4	2.5	1.6	3.6	3.6	6.3	6.1
Myanmar	0.0	0.2	1.4	1.3	2.3	3.4	3.3	3.6	3.9	4.1	5.9
Kenya	10.2	8.0	3.5	1.4	0.0	3.1	5.2	5.7	7.4	5.8	5.5
Italy	0.1	0.1	0.2	0.5	0.9	1.7	2.6	3.5	5.3	5.8	5.3
Russian Fed	1.1	0.8	2.8	4.5	5.3	7.9	6.9	6.1	6.3	5.8	4.9
France	0.3	0.6	0.4	0.4	0.6	0.7	0.6	0.4	3.0	4.7	4.3
Others	16.5	18.4	19.0	23.2	22.5	23.3	27.8	29.7	25.2	27.8	25.2
Total	58.7	64.6	72.8	55.4	90.8	116.6	114.5	135.6	174.9	205.1	251.3

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NMFS - 20070629.

CARP - Imports

EU total import of live carp, country of origin, in tonnes

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Czech Rep	NA	NA	NA	3249	4322	5149	4728	4232	4420	3932
Hungary	880	1073	390	428	640	745	822	523	745	804
Croatia	NA	NA	NA	1193	982	482	758	168	110	201
Denmark	-	-	-	-	-	-	-	-	-	37
Poland	905	307	141	58	674	414	253	691	483	307
France	276	282	267	110	145	39	163	289	143	141
Belg/Lux	288	312	234	40	221	241	348	355	310	336
Germany	-	-	-	-	-	-	-	-	-	107
Others	2386	3269	5302	269	409	677	262	280	353	355
Total	4735	5243	6334	5347	7393	7747	7334	6538	6564	6219

	2000	2001	2002	2003	2004	2005	2006
Czech Rep	5048	4697	5454	5388	4413	3312	2671
Hungary	757	437	341	539	200	277	267
Croatia	168	151	23	20	5	16	264
Denmark	162	62	44	13	59	103	77
Poland	224	138	149	205	96	11	46
France	127	153	23	77	72	205	33
Belg/Lux	482	264	240	264	208	174	31
Germany	213	168	154	287	92	59	11
Others	223	131	228	424	209	37	36
Total	7404	6201	6655	7216	5355	4192	3435

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Eurostat -20070731.

EU total import of fresh/chilled carp, country of origin, in tonnes

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Czech Rep	NA	NA	NA	156	90	7	131	84	24	34
France	5	6	3	28	18	27	21	49	166	101
Belg/Lux	81	135	203	15	110	38	58	195	204	148
Netherlands	-	-	-	-	-	-	-	-	-	16
Spain	-	-	-	-	-	-	-	-	-	7
Germany	0	1	2	3	6	17	13	23	5	20
Austria	0	0	0	0	0	0	13	44	346	200
Others	280	137	201	66	43	811	43	80	194	63
Total	366	279	409	268	267	900	279	475	939	590

	2000	2001	2002	2003	2004	2005	2006
Czech Rep	24	81	48	229	150	201	166
France	45	105	60	63	52	45	89
Belg/Lux	175	95	100	98	90	84	54
Netherlands	24	19	20	49	28	30	35
Spain	5	8	18	17	17	18	29
Germany	7	9	32	84	18	10	10
Austria	85	50	24	0	0	0	0
Others	72	21	31	33	86	64	21
Total	437	387	332	573	442	452	404

14215. 0707.

Eurostat -20070731.

**German import of live carp, country of origin,
in tonnes**

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Czech Rep	NA	NA	NA	2242	3237	3507	2888	2800	2690	2511
Hungary	210	261	161	199	381	336	390	275	356	383
Poland	774	299	134	57	591	409	229	614	348	264
Belg/Lux	193	136	150	7	197	18	100	89	62	105
Croatia	-	-	-	-	-	-	-	-	-	6
Denmark	-	-	-	-	-	-	-	-	-	37
Others	991	1885	2989	72	326	141	180	243	53	18
Total	2168	2581	3434	2577	4732	4411	3787	4021	3509	3323
	2000	2001	2002	2003	2004	2005	2006			
Czech Rep	3413	3238	3837	3948	3042	2249	1656			
Hungary	293	193	142	229	18	77	57			
Poland	200	129	149	205	96	6	44			
Belg/Lux	146	92	35	12	28	33	6			
Croatia	15	37	14	6	0	3	180			
Denmark	162	62	41	4	57	102	67			
Others	40	43	22	24	26	165	1			
Total	4268	3793	4239	4427	3266	2636	2010			

014208. 0707.

Eurostat -20070731.

**Italian import of live carp, country of origin,
in tonnes**

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Croatia	NA	NA	NA	1104	766	431	579	127	104	193
Czech Rep	NA	NA	NA	450	505	684	300	12	0	0
Hungary	568	747	204	119	136	333	204	77	140	154
Others	1168	892	1722	44	22	1	14	51	118	118.5
Total	1736	1639	1926	1717	1429	1449	1097	267	362	465
	2000	2001	2002	2003	2004	2005	2006			
Croatia	146	93	7	13	5	13	83			
Czech Rep	0	17	26	113	118	107	80			
Hungary	105	37	46	90	27	41	35			
Others	115	58	188	70	20	2	0			
Total	366	205	266	286	170	163	198			

014206. 0707.

Eurostat -20070731.

**World import of live carp, selected countries,
in tonnes**

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
China Hong Kong SAR	22952	24946	26740	15310	25417	23703	25290	20418	22086	21477	21870
Korea Rep.	-	61	-	-	-	-	3	324	548	3969	4542
Germany	2167	2579	3432	2577	4732	4401	3782	3884	3485	3323	4254
Poland	-	-	-	-	347	103	809	179	123	448	1055
Japan	5	-	-	-	-	-	-	-	-	-	-
Serbia and Montenegro	-	-	-	-	-	-	796	705	1572	576	615
Singapore	-	-	-	-	-	874	706	508	435	452	442
Slovakia	-	-	-	-	1550	1361	1781	1226	1360	1603	1671
Others	3625	4325	5644	5716	6848	4693	4839	3692	4449	4050	4440
Total	28749	31911	35816	23603	38894	35135	38006	30936	34058	35898	38889

	2001	2002	2003	2004	2005
China Hong Kong SAR	21761	26499	12026	10711	8833
Korea Rep.	5051	5676	6325	5721	4464
Germany	3779	4235	4428	2382	2142
Poland	1396	793	1328	1211	1648
Japan	-	-	-	20	1135
Serbia and Montenegro	1170	720	578	1010	988
Singapore	520	573	709	846	888
Slovakia	1619	1575	1620	1225	808
Others	4951	4943	4896	3885	2597
Total	40247	45014	31910	27011	23503

014202. 0706.

FISHDAB - 20070622.

CARP - Exports

EU total export of live carp, country of destination, in tonnes

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Germany	405	333	419	570	718	668	493	413	250	461
France	85	129	75	80	110	130	145	129	109	139
Switzerland	-	-	-	-	-	-	-	-	-	51
Austria	35	73	125	63	200	191	298	308	85	335
Denmark	-	-	-	-	-	-	-	-	-	92
Belg/Lux	46	116	92	48	28	66	74	94	254	373
F R of Yugos	NA	NA	NA	-	0	145	261	-	0	0
Italy	48	192	12	55	4	3	71	246	527	1152
Others	96	411	328	317	185	161	176	802	306	15
Total	715	1254	1051	1133	1245	1364	1518	1992	1531	2616
	2000	2001	2002	2003	2004	2005	2006			
Germany	491	-	-	-	-	-	-			
France	135	143	62	139	189	147	81			
Switzerland	86	52	53	64	65	49	51			
Austria	310	236	163	217	199	68	17			
Denmark	103	100	106	103	87	47	13			
Belg/Lux	442	270	401	527	131	17	4			
F R of Yugos	93	0	0	0	0	0	0			
Italy	872	335	289	126	60	4	0			
Others	53	338	164	253	491	320	176			
Total	2585	1473	1239	1428	1222	652	341			

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EU total export of fresh/chilled carp, country of destination, in tonnes

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Germany	25	61	248	270	460	306	298	213	185	184
UK	9	6	6	38	38	33	30	28	42	40
Netherlands	-	-	-	-	-	-	-	-	-	15
Switzerland	2	5	17	16	11	7	12	31	68	22
France	9	3	10	8	13	21	1	0	109	3
Poland	0	865	257	1	0	4	2	0	0	0
Others	24	789	144	176	24	259	15	294	129	682
Total	69	1729	682	509	546	630	358	566	533	946
	2000	2001	2002	2003	2004	2005	2006			
Germany	253	116	58	169	149	133	98			
UK	38	407	40	67	40	32	34			
Netherlands	58	45	8	23	26	25	25			
Switzerland	1	2	2	1	1	0	1			
France	5	244	43	31	2	3	1			
Poland	0	0	0	0	0	0	0			
Others	177	362	90	142	43	30	23			
Total	532	1176	240	433	261	222	182			

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Eurostat - 20070731.

**World export of live carp, selected countries,
in tonnes**

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Czech Rep.	-	-	-	-	-	7728	7505	5961	7606	6842
China	-	-	125	86	70	51	49	39	423	2869
Malaysia	4	4	44	68	213	149	825	288	471	564
Bosnia and Herz.	-	-	-	-	-	-	-	-	-	-
Croatia	-	-	3512	1761	1209	627	986	602	594	406
Lithuania	-	-	-	-	304	106	221	356	235	321
Korea Rep.	-	-	-	-	-	-	1	-	14	6
Belgium	281	329	471	640	865	890	1028	600	275	396
France	315	362	326	211	133	175	120	253	260	353
Hungary	-	2444	794	543	841	1188	1422	672	1362	1185
Germany	102	336	249	245	180	213	137	86	76	138
Denmark	2	-	-	-	7	9	50	2	3	8
Others	26	301	149	52	933	648	627	2552	1870	2242
Total	730	3776	5670	3606	4755	11784	12971	11411	13189	15330

	2000	2001	2002	2003	2004	2005
Czech Rep.	8141	8690	8596	8114	8017	7380
China	2887	3136	3524	4166	3930	5186
Malaysia	577	1010	1491	1462	2066	1921
Bosnia and Herz.	-	-	-	-	757	806
Croatia	270	1097	469	402	285	307
Lithuania	375	630	617	1097	785	282
Korea Rep.	5	2	-	-	16	238
Belgium	748	487	104	498	449	219
France	338	195	192	206	214	213
Hungary	818	448	338	780	333	159
Germany	278	150	295	286	123	83
Denmark	1	28	20	27	134	77
Others	1673	1062	1281	1100	597	425
Total	16111	16935	16927	18138	17706	17296

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CARP - Production

World catches of common carp (*Cyprinus carpio*), selected countries, in tonnes

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Mexico	19614	20220	20393	18171	16187	22677	21237	16787	14345	10945	15300
Turkey	16001	14937	15545	16035	15900	17081	15631	16000	20000	17797	14137
Indonesia	4086	5774	5613	5287	5490	5613	7081	6644	7082	7127	7035
Thailand	3717	6826	6614	8692	8200	10144	7420	7418	11508	13689	6961
Iran (Islamic Rep. of)	-	-	-	-	-	-	-	9738	10854	10080	7135
Hungary	9865	4144	3699	3103	3265	2856	2717	2255	3373	3279	3212
Czech Rep.	-	-	-	2284	2832	2919	2522	2312	2899	3006	3558
Russian Fed.	16	1	4411	1674	2642	754	3935	2716	3215	3508	4007
Japan	6302	6182	6178	5338	4968	4896	4771	4607	4477	4259	4079
Korea Rep.	-	-	-	-	1469	1684	1979	842	874	438	-
Slovakia	-	-	-	612	779	1063	778	746	778	822	854
Bulgaria	-	-	-	-	-	19	16	281	251	302	143
Kazakhstan	-	-	168	431	537	477	440	320	230	500	650
Albania	89	27	14	20	30	34	45	38	230	216	230
Dominican Rep.	400	135	233	1579	2881	597	62	109	27	180	-
Canada	753	801	494	222	649	619	687	543	354	741	516
Others	9844	9659	12899	14010	10874	11383	10271	8247	6191	4002	5070
Total	70687	68706	76261	77458	76703	82816	79592	79603	86688	80891	72887
	2001	2002	2003	2004	2005						
Mexico	14700	13706	14542	14790	15038						
Turkey	12265	12965	13820	13451	13718						
Indonesia	8228	9460	8917	9951	10190						
Thailand	6800	9900	4941	7700	7600						
Iran (Islamic Rep. of)	7220	3643	5170	5600	6210						
Hungary	2470	2787	2930	3502	3475						
Czech Rep.	3560	3909	4015	3462	3260						
Russian Fed.	2699	2614	2525	1917	2257						
Japan	3558	3359	2883	1843	1484						
Korea Rep.	-	-	-	-	1211						
Slovakia	967	1166	1046	1015	1112						
Bulgaria	880	521	752	999	736						
Kazakhstan	710	888	869	643	650						
Albania	300	260	350	415	540						
Dominican Rep.	397	585	377	580	494						
Canada	506	878	507	480	456						
Others	3391	7160	8146	3023	2539						
Total	68651	73801	71790	69371	70970						

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FISHDAB - 20070703.

**World aquaculture of common carp (*Cyprinus carpio*), selected countries,
in 1000 tonnes**

	1990	1991	1992	1993	1994	1995	1996	1997	1998
China	522	594	706	892	1128	1399	1592	1761	1928
Indonesia	89	84	94	131	139	153	178	147	110
Russian Fed.	198	52	70	58	49	33	30	30	33
Myanmar	0	0	-	-	0	-	-	-	-
Brazil	-	-	-	-	-	17	24	36	34
Mexico	8	8	8	7	8	3	8	8	7
Poland	22	25	25	14	20	20	21	20	19
Iran (Islamic Rep. of)	7	6	5	4	4	7	7	5	5
Czech Rep.	-	-	-	18	16	16	16	15	15
Bangladesh	-	-	-	-	-	12	5	4	18
Ukraine	68	44	45	44	28	21	20	18	18
Germany	19	16	13	13	12	14	12	12	11
Hungary	13	11	10	7	8	7	6	6	7
Iraq	2	2	5	4	4	3	3	3	8
Israel	8	8	8	7	7	7	8	8	7
Lao People's Dem. Rep.	1	1	1	1	1	2	2	5	5
Thailand	2	2	2	3	3	4	4	4	7
Nepal	2	2	2	2	2	3	3	3	3
France	5	5	5	5	5	5	5	6	6
Cambodia	2	2	2	2	2	3	3	3	4
Syrian Arab Republic	2	2	4	4	4	5	5	4	6
Japan	16	16	15	13	13	13	12	12	12
Serbia and Montenegro	-	-	2	2	3	2	3	3	7
Belarus	17	15	7	6	6	4	4	3	3
Madagascar	0	0	2	1	3	3	3	6	2
Bosnia and Herzegovina	-	-	-	-	-	-	-	-	-
Romania	12	8	6	5	5	5	3	2	2
Others	119	115	99	75	66	68	66	55	108
Total	1134	1018	1137	1319	1536	1827	2041	2181	2383

	1999	2000	2001	2002	2003	2004	2005
China	2051	2120	2193	2236	2267	2367	2475
Indonesia	169	180	195	200	220	192	217
Russian Fed.	33	34	42	47	46	48	54
Myanmar	-	-	30	30	50	50	50
Brazil	49	55	55	55	50	45	42
Mexico	7	8	12	13	22	22	21
Poland	21	23	22	19	21	18	19
Iran (Islamic Rep. of)	5	7	10	14	15	16	18
Czech Rep.	16	17	17	17	17	17	18
Bangladesh	18	24	13	12	15	20	17
Ukraine	20	20	20	20	15	15	16
Germany	11	11	11	11	16	16	12
Hungary	8	9	8	8	8	9	10
Iraq	2	2	2	2	2	9	8
Israel	7	6	6	8	7	6	6
Lao People's Dem. Rep.	8	11	13	15	16	16	6
Thailand	6	6	5	5	4	6	6
Nepal	3	3	3	3	4	4	5
France	6	6	5	5	5	4	4
Cambodia	4	4	4	4	5	4	4
Syrian Arab Republic	5	4	2	3	3	4	4
Japan	11	11	10	9	8	4	4
Serbia and Montenegro	3	3	3	2	3	4	3
Belarus	4	6	4	5	3	3	3
Madagascar	2	2	2	2	3	3	3
Bosnia and Herzegovina	-	-	-	2	2	2	2
Romania	2	2	2	3	2	2	2
Others	122	112	379	392	476	18	15
Total	2593	2683	3069	3139	3305	2924	3044

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FISHDAB - 20070703.

**World aquaculture of silver carp, selected countries,
in 1000 tonnes**

	1990	1991	1992	1993	1994	1995	1996	1997	1998
China	1399	1361	1541	1807	2139	2473	2800	3070	3133
India	-	-	-	2	2	2	4	4	13
Bangladesh	-	-	-	-	-	30	47	83	95
Iran (Islamic Rep. of)	13	10	12	13	16	15	17	16	16
Netherlands	52	54	31	31	16	17	15	13	18
Cuba	2	3	3	5	7	10	16	22	26
Lao PDR	1	1	1	1	1	2	2	1	1
Ukraine	13	3	10	10	7	7	7	7	7
Nepal	-	3	3	3	3	3	3	4	4
Moldova	4	3	2	2	1	1	1	1	1
Iraq	-	-	-	-	-	-	-	-	-
Others	37	34	32	31	27	23	15	18	15
Total	1520	1472	1635	1904	2219	2584	2925	3239	3329

	1999	2000	2001	2002	2003	2004	2005
China	3180	3228	3276	3402	3382	3467	3525
India	15	14	391	172	159	280	348
Bangladesh	97	121	152	170	180	157	160
Iran (Islamic Rep. of)	14	17	26	34	38	36	40
Russian Fed.	21	24	32	31	33	32	29
Cuba	27	18	13	13	13	15	12
Lao PDR	2	2	3	4	4	4	8
Ukraine	8	8	8	8	7	7	8
Nepal	4	5	5	5	5	6	7
Moldova	1	1	1	1	2	3	3
Iraq	-	-	-	-	-	2	3
Others	14	13	12	10	10	9	10
Total	3381	3450	3918	3850	3833	4018	4153

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FISHDAB - 20070620.

EEL - Prices

Market prices on whole, fresh eel, Auction Billingsgate, UK, origin UK, in pounds sterling/kg

Month	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
J	-	12.42	11.36	11.36	11.49	12.75	14.19	16.30	16.60	15.44	17.25
F	-	12.42	11.36	12.42	12.75	12.57	14.19	16.30	16.30	15.44	17.25
M	-	12.62	11.36	12.22	12.49	6.57	14.19	16.00	16.92	15.77	16.92
A	-	13.05	11.18	12.22	12.57	12.57	13.75	16.30	16.60	15.44	17.25
M	-	12.62	11.18	11.85	12.57	12.94	14.43	10.71	16.00	16.60	17.60
J	-	12.62	11.18	11.67	12.05	12.94	14.43	16.30	16.00	16.30	17.25
J	-	12.62	10.83	11.67	12.39	13.33	14.19	16.00	15.17	16.30	17.60
A	10.63	12.62	11.18	11.49	12.57	13.54	13.97	16.00	16.00	16.60	
S	12.22	11.75	11.18	10.85	12.94	13.75	14.67	15.71	16.30	16.60	
O	12.42	5.34	11.36	11.32	12.75	13.75	14.67	15.71	15.44	16.30	
N	13.05	11.55	11.18	11	12.75	13.97	14.67	16.30	15.44	16.92	
D	12.83	11.55	11.18	11.16	12.57	13.97	15.44	16.92	NA	17.25	

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EEL - Imports

EU total import of live eel into EU member countries, in tonnes

	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Netherlands	2830	3159	2819	2772	2499	2272	2739	2625	2615	2363	2020	1466
Germany	1541	1817	1622	1724	1592	1782	1281	1706	1320	1200	2220	1195
Belgium	947	871	880	840	903	926	878	784	816	803	883	856
Italy	1362	1418	1204	859	1123	951	893	741	890	719	732	738
Denmark	1800	1272	1431	1197	1555	937	1569	1251	1051	1039	963	645
Sweden	41	87	117	188	128	69	273	173	120	147	133	159
Portugal	4	43	64	142	132	129	121	72	103	109	90	107
Spain	169	140	105	150	169	87	113	178	169	158	104	100
France	128	137	87	82	33	35	79	43	38	33	47	68
UK	58	74	78	12	27	21	35	54	83	101	86	37
Others	16	12	24	14	10	3	16	16	3	7	0	7
Total	8894	9029	8431	7981	8172	7212	7994	7644	7209	6677	7277	5376

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**EU total import of fresh/chilled eel, country of origin,
in tonnes**

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Netherlands	70	64	60	144	129	256	178	241	350	410	418
Denmark	527	435	403	461	457	389	216	228	236	219	306
France	272	189	235	368	423	495	283	261	568	553	682
Sweden	100	106	86	21	47	114	155	147	87	78	110
Others	292	224	253	273	342	322	228	258	302	291	428
Total	1261	1018	1037	1267	1398	1576	1060	1135	1543	1551	1943

	2001	2002	2003	2004	2005	2006
Netherlands	381	367	270	199	340	237
Denmark	308	417	284	205	226	185
France	599	487	333	289	161	115
Sweden	106	84	102	68	155	92
Others	490	404	334	278	162	190
Total	1884	1759	1323	1038	1043	819

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Eurostat - 20070731.

**EU total import of frozen eel, country of origin,
in tonnes**

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
New Zealand	902	1108	1076	801	753	716	785	653	626	588	435
Netherlands	302	244	241	130	176	236	272	394	347	243	556
Canada	576	516	469	431	293	360	299	262	312	187	207
Denmark	142	277	285	241	190	271	182	140	116	189	128
Poland	119	57	136	58	80	74	190	53	23	17	7
Germany	60	53	73	48	42	56	204	97	19	16	4
Turkey	-	-	-	-	-	-	-	-	-	81	73
Denmark	-	-	-	-	-	-	-	-	-	189	128
China	-	-	-	-	-	-	-	-	-	413	106
Others	1485	1781	1203	872	1204	763	883	889	915	281	262
Total	3586	4036	3483	2581	2738	2476	2815	2488	2358	2203	1906

	2001	2002	2003	2004	2005	2006
New Zealand	443	359	454	348	356	365
Netherlands	379	605	1362	744	809	729
Canada	110	135	238	207	174	181
Denmark	229	263	185	87	119	91
Poland	2	0	11	35	79	2
Germany	19	64	17	3	13	20
Turkey	63	83	63	73	94	96
Denmark	229	263	185	87	119	91
China	1390	276	0	27	25	80
Others	515	39	61	387	794	255
Total	3378	2086	2576	1996	2582	1909

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Eurostat - 20070731.

**German import of live eel, country of origin, in
tonnes**

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Netherlands	920	724	670	348	408	359	532	642	586	628	896
Denmark	840	914	980	429	335	226	246	222	214	354	281
Sweden	-	-	-	-	-	-	-	-	-	113	124
Italy	403	415	505	481	364	474	463	438	631	357	335
Hungary	58	50	123	82	138	95	97	25	27	27	32
Others	1017	1097	1048	608	714	387	413	295	266	112.2	115
Total	3238	3200	3326	1948	1959	1541	1751	1622	1724	1592	1782
	2001	2002	2003	2004	2005	2006					
Netherlands	669	1368	1126	987	1858	971					
Denmark	249	178	132	138	221	178					
Sweden	105	101	41	47	66	41					
Italy	137	16	1	0	21	0					
Hungary	68	17	0	0	0	0					
Others	52	28	19	28	53	3					
Total	1281	1706	1320	1200	2220	1195					

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Eurostat - 20070731.

**Italian import of live eel, country of origin,
in tonnes**

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Denmark	5	21	41	25	121	155	192	164	131	178	71
Netherlands	223	254	300	204	284	175	138	169	127	209	139
France	1019	1017	683	518	585	403	389	304	227	347	351
Greece	-	-	-	-	-	-	-	-	-	144	232
Tunisia	-	-	-	-	-	-	-	-	-	39	26
Spain	-	-	-	-	-	-	-	-	-	21	65
Hungary	119	80	213	134	149	127	170	58	93	113	34
USA	221	144	105	135	147	107	230	188	73	50	20
Others	870	758	662	569	484	395	246	322	176	22	13
Total	2457	2274	2004	1585	1770	1362	1365	1205	827	1123	951
	2001	2002	2003	2004	2005	2006					
Denmark	88	26	179	181	160	166					
Netherlands	209	167	191	115	152	162					
France	230	190	155	144	158	145					
Greece	177	240	123	108	82	127					
Tunisia	36	33	49	34	58	63					
Spain	71	14	80	38	30	31					
Hungary	4	20	11	14	49	30					
USA	38	7	64	45	13	11					
Others	40	43	40	39	30	5					
Total	893	741	890	719	732	738					

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Eurostat - 20070731.

Dutch import of live eel, country of origin, in tonnes

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Denmark	942	913	917	664	794	630	683	787	818	1061	1008	1170
France	-	-	-	-	-	-	-	-	-	39	65	127
Sweden	-	-	-	-	-	-	-	-	-	13	8	113
Italy	658	491	419	478	592	566	644	620	543	415	527	291
Ireland	55	60	94	252	358	457	374	201	137	70	183	180
Germany	-	-	-	-	-	-	-	-	-	110	67	115
UK	684	644	617	120	202	194	318	484	418	346	26	119
USA	324	320	411	390	364	308	402	278	208	92	13	28
Others	868	899	731	807	792	675	738	449	648	353	374	597
Total	3531	3327	3189	2711	3102	2830	3159	2819	2772	2499	2272	2739

	2002	2003	2004	2005	2006
Denmark	1363	1323	1103	943	454
France	36	478	246	84	221
Sweden	108	94	112	148	166
Italy	332	238	190	117	150
Ireland	124	124	160	153	139
Germany	127	30	122	22	111
UK	111	92	172	354	84
USA	27	0	68	0	0
Others	399	235	191	199	143
Total	2625	2615	2363	2020	1466

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Eurostat - 20070731.

**World import of frozen eel, selected countries,
in tonnes**

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
China	-	-	15	292	315	643	630	37	79	92	2329	1851
Taiwan PC	45	69	1602	1167	1786	2290	2354	4956	7034	9402	12813	11463
Poland	-	-	-	-	-	18	139	78	164	170	231	385
USA	385	530	441	235	463	470	333	447	568	702	886	724
Germany	1451	1547	1621	1243	1231	945	1012	880	800	691	521	747
Greece	-	-	-	39	18	8	15	3	3	6	13	-
Korea DPR	-	-	-	-	-	-	-	-	-	-	-	-
Ireland	-	-	-	-	-	-	-	-	1	2	-	-
Others	2890	3175	2347	1734	1943	1972	2366	3247	1897	1798	1889	3346
Total	4771	5321	6026	4710	5756	6346	6849	9648	10546	12863	18682	18516

**World import of frozen eel, selected countries,
in tonnes (cont)**

	2002	2003	2004	2005
China	1254	664	1377	5464
Taiwan PC	7871	3278	2336	1645
Poland	364	791	932	1537
USA	601	1076	1106	1498
Germany	546	523	523	567
Greece	226	700	579	562
Korea DPR	-	-	-	371
Ireland	-	-	-	339
Others	1674	2995	1877	1950
Total	12536	10027	8730	13933

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**World import of live eel, selected countries,
in tonnes**

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Japan	20112	17688	16745	15137	15832	11969	11442	13635	13033	11628	14356
Netherlands	3529	3416	3187	2973	3101	2615	3044	2517	2556	2499	2044
Germany	3234	3195	3322	1947	1956	1529	1740	1474	1643	1452	1224
Taiwan PC	2224	2208	2072	1960	1778	1847	2437	1828	1786	1882	1845
Korea Rep.	-	-	-	-	-	-	-	173	226	2889	2769
Denmark	950	1022	1165	1502	1795	1635	1255	1542	1127	1566	890
Belgium	1422	1318	1345	886	1580	949	862	867	854	903	947
Others	7081	7009	9360	10187	8973	6229	2943	2780	2220	2563	2067
Total	38552	35856	37196	34592	35015	26773	23723	24816	23445	25382	26142

	2001	2002	2003	2004	2005
Japan	17375	20884	24052	26601	23552
Netherlands	2176	2156	2468	2286	2019
Germany	1116	1077	1210	1116	1864
Taiwan PC	1788	1673	1751	1795	1721
Korea Rep.	5493	5107	3881	4731	1519
Denmark	1373	1214	1081	1295	963
Belgium	829	770	816	813	885
Others	2152	1705	1775	1847	2172
Total	32302	34586	37034	40484	34695

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EEL - Exports

Total export of smoked eel, in 1000 US\$

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Poland	-	-	-	-	-	-	-	-	395	222	155	198
Netherlands	3150	3016	3206	3015	2962	2523	2805	2667	2346	2545	2110	2413
Denmark	2327	1284	1040	1357	2335	2191	2387	3199	6593	6135	6635	1986
Germany	109	90	81	120	124	295	212	46	129	320	183	181
Spain	1	3	11	1	1		1	7	3	1	-	4
Others	210	176	312	786	440	1059	1145	495	432	291	282	294
Total	5797	4569	4650	5279	5862	6068	6550	6414	9898	9514	9365	5076
	2002	2003	2004	2005								
Poland	352	1323	3042	6561								
Netherlands	2325	2089	2656	2869								
Denmark	1180	825	1277	1886								
Germany	81	167	199	385								
Spain	11	72	78	171								
Others	4028	4914	4923	297								
Total	7977	9390	12175	12169								

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Total export of smoked eel, in tonnes

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Poland	-	-	-	-	-	-	-	-	42	11	12	20
Netherlands	251	245	263	233	223	138	167	162	161	166	159	205
Denmark	135	77	58	80	128	103	108	187	384	336	472	142
Germany	9	6	4	6	6	17	8	3	6	14	9	13
Sweden	-	-	-	-	-	1	-	1	2	-	1	3
Others	49	26	41	41	31	70	58	28	19	24	342	16
Total	444	354	366	360	388	329	341	381	614	551	995	399
	2002	2003	2004	2005								
Poland	39	115	123	340								
Netherlands	192	116	108	108								
Denmark	93	46	60	66								
Germany	3	5	7	12								
Sweden	3	5	5	6								
Others	447	476	359	15								
Total	777	763	662	547								

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Fishstat - 20070725.

**EU total export of live eel, country of destination,
in tonnes**

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Netherl	2269	2033	1819	1929	1976	2549	2398	3141	3733	4934	2898	2448
Germany	2127	2365	2071	2712	2426	2578	2833	2878	7544	2444	2257	1676
Italy	1704	1505	1371	697	937	665	702	743	895	834	483	1011
Belg/Lux	691	688	671	590	682	476	580	625	595	486	391	450
Denmark	165	150	163	186	307	1007	695	544	2044	1739	591	431
Spain	-	-	-	-	-	-	-	-	-	248	155	95
Portugal	-	-	-	-	-	-	-	-	-	185	122	125
Sweden	3	11	23	10	2	2	165	142	169	132	83	107
Others	280	309	375	454	492	423	506	988	583	381	468	339
Total	7239	7061	6493	6578	6822	7700	7879	9061	15563	11382	7447	6682
	2002	2003	2004	2005	2006							
Netherl	2842	2673	2087	2058	2141							
Germany	1060	1042	1585	1502	1569							
Italy	819	804	635	612	580							
Belg/Lux	313	246	319	309	305							
Denmark	316	277	538	488	304							
Spain	147	69	39	37	135							
Portugal	162	123	116	133	123							
Sweden	146	123	82	98	109							
Others	372	317	316	313	323							
Total	6176	5673	5716	5550	5588							

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**EU total export of fresh/chilled eel, country of
destination, in tonnes**

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Germany	560	459	528	375	262	187	213	463	355	217.8	304
Spain	272	244	94	276	401	417	528	662	476	508.9	518
Portugal	-	-	-	-	-	-	-	-	-	36.3	34
Italy	47	47	19	132	216	148	149	128	63	126.4	120
Denmark	-	-	-	-	-	-	-	-	-	26.2	44
Netherlands	120	99	102	89	93	56	104	184	122	74.5	121
Belg/Lux	20	13	22	35	27	86	107	85	88	11	11
France	70	128	105	16	55	144	107	69	69	19.8	44
Others	48	52	132	23	32	125	147	75	256	41	34
Netherlands	1137	1042	1002	946	1086	1163	1355	1666	1429	1062	1231

EU total export of fresh/chilled eel, country of destination, in tonnes (cont)

	2001	2002	2003	2004	2005	2006
Germany	292	336	391	395	365	318
Spain	453	678	373	237	177	162
Portugal	79	160	150	177	292	139
Italy	141	77	156	74	137	134
Netherlands	58	25	29	44	77	59
Netherlands	134	119	164	94	77	39
Belg/Lux	13	14	29	18	36	36
France	40	33	21	17	39	13
Others	51	28	43	643	5	14
Total	1259	1472	1355	1698	1206	913

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Eurostat - 20070731.

EU total export of frozen eel, country of destination, in tonnes

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Netherlands										3	40
Germany	392	583	628	740	722	706	443	304	380	451	398
Belg/Lux	114	135	92	53	37	67	70	64	74	132	74
France	30	12	51	16	100	33	183	51	63	79	45
USA	-	-	-	-	-	-	-	-	-	1	1
Portugal	-	-	-	-	-	-	-	-	-	15	25
Russian Fed	-	-	-	-	-	-	-	-	-	6	13
Denmark	67	36	112	52	117	280	105	77	354	55	4
Sweden	32	23	12	10	18	92	91	26	51	41	29
Others	997	365	254	98	159	1181	222	142	190	39	212
Total	1632	1154	1149	969	1153	2359	1114	664	1112	820	840

	2001	2002	2003	2004	2005	2006
Netherlands	108	58	171	41	334	553
Germany	923	427	314	307	297	269
Belg/Lux	47	44	68	64	117	93
France	105	66	67	78	78	76
USA	1	1	0	0	0	53
Portugal	23	19	18	57	157	48
Russian Fed	13	11	30	26	19	29
Denmark	38	32	19	41	63	26
Sweden	20	33	13	21	20	10
Others	214	324	265	106	113	86
Total	1491	1014	965	739	1198	1244

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Eurostat - 20070731.

**World export of frozen eel, selected countries,
in tonnes**

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
China	-	-	548	746	1461	1967	1160	1575	1170	548	304	1489
USA	1941	698	561	605	1236	1015	867	2151	1211	234	1491	2595
Canada	894	753	638	592	447	1077	850	375	327	331	178	128
India	-	-	-	-	48	24	259	281	-	-	479	280
Thailand	17	18	23	2	3	21	179	151	225	308	128	18
Indonesia	1	-	-	1	27	28	28	-	-	5	53	-
Malaysia	10	14	28	255	78	372	628	614	913	590	599	265
Poland	-	-	-	-	88	73	200	55	24	14	7	2
New Zealand	880	1001	991	907	954	887	821	642	565	446	308	394
Singapore	-	-	-	-	-	296	348	189	271	146	156	170
Others	2857	2784	2203	1935	1858	1781	1496	980	1432	1295	1035	1899
Total	6600	5268	4992	5043	6200	7541	6836	7013	6138	3917	4738	7240
	2002	2003	2004	2005								
China	251	366	978	1744								
USA	3056	3320	1993	1677								
Canada	95	214	2270	1609								
India	75	-	314	1013								
Thailand	25	95	40	987								
Indonesia	91	60	397	816								
Malaysia	243	325	366	532								
Poland	.	13	88	402								
New Zealand	336	444	349	335								
Singapore	231	504	320	320								
Others	1510	1256	943	1547								
Total	5913	6597	8058	10982								

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**World export of live eel, selected countries,
in tonnes**

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
China	1813	1492	2495	3334	6843	5605	3917	5043	5929	8184	2694	6446
Taiwan PC	19254	15998	16434	13506	9495	7444	10288	9349	8133	6859	15044	17112
Myanmar	-	-	-	-	-	-	-	-	-	-	-	-
Denmark	1769	2024	1998	2076	2082	1996	1639	2935	2147	4843	1985	1873
Netherlands	1444	1418	1351	1487	1396	927	1724	1471	1310	1704	1502	1107
Saudi Arabia	-	-	-	-	-	-	-	-	255	117	716	682
Sweden	597	726	935	1041	1171	971	955	826	585	1828	724	726
USA	-	-	-	1092	769	592	540	380	192	190	232	300
UK	313	387	163	657	738	894	801	748	652	622	552	568
Canada	366	352	283	291	274	223	259	285	377	350	306	281
France	1361	1310	1128	647	636	523	534	714	411	462	421	311
Norway	468	533	586	513	420	504	469	522	325	422	273	262
Australia	-	-	-	-	443	445	414	307	291	227	322	438
Bangladesh	-	-	-	-	-	-	-	-	-	-	-	6
New Zealand	164	171	211	226	226	279	250	195	136	350	443	306
Germany	154	141	198	101	151	119	188	114	113	106	146	110
Belgium	254	220	114	242	342	237	222	337	190	202	360	245
China, Hong Kong SAR	1794	2048	2553	2955	2902	2092	868	594	164	270	395	705
Others	2312	2440	3010	3736	3716	2915	3741	3146	3821	2875	2935	3430
Total	32063	29260	31459	31904	31604	25766	26809	26966	25031	29611	29050	34908

	2002	2003	2004	2005
China	5337	9734	14972	14237
Taiwan PC	22226	19237	17516	11801
Myanmar	-	-	-	10303
Denmark	2265	2348	2059	1840
Netherlands	1078	1003	1475	1632
Saudi Arabia	563	738	752	638
Sweden	302	256	507	565
USA	248	333	326	500
UK	537	459	420	401
Canada	227	319	283	301
France	371	370	304	286
Norway	305	229	211	231
Australia	393	325	295	210
Bangladesh	110	232	278	207
New Zealand	222	202	222	203
Germany	150	167	214	188
Belgium	141	174	89	176
China, Hong Kong SAR	697	367	427	170
Others	1794	1605	1315	1076
Total	36966	38098	41665	44965

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EEL - Production

Total frozen eel production, in tonnes

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
China	-	-	548	746	1461	1967	1160	1575	1170	548	304
Canada	-	-	-	592	447	1077	850	373	327	331	178
Taiwan PC	2470	2684	8037	7707	5499	2544	2395	2086	2743	1085	6776
Thailand	17	18	23	2	3	21	179	151	225	308	128
New Zealand	880	1001	991	907	954	887	821	659	565	446	444
Denmark	173	273	253	401	235	262	221	165	257	354	332
Philippines	-	21	26	23	28	43	16	34	19	32	47
Others	616	424	436	402	345	341	326	159	186	138	99
Total	4156	4421	10314	10780	8972	7142	5968	5202	5492	3242	8308

	2001	2002	2003	2004	2005
China	1489	251	366	978	1750
Canada	128	95	214	2270	1609
Taiwan PC	5386	3842	1652	2925	1545
Thailand	18	25	95	40	987
New Zealand	394	336	444	349	335
Denmark	452	464	321	157	139
Philippines	79	205	30	192	112
Others	177	86	27	85	57
Total	8123	5304	3149	6996	6534

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World production of smoked eel, selected countries, in tonnes

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Denmark	341	211	120	81	71	44	91	63	48	37	12
Netherlands	250	245	263	233	223	138	167	162	161	166	159
Sweden	-	-	-	-	-	-	-	1	6	37	42
New Zealand	46	20	34	19	15	20	9	16	2	8	9
Greece	-	-	-	13	6	21	28	9	9	2	-
USA	7	3	3	4	5	5	5	4	5	4	1
Others	0	0	0	0	0	0	0	0	0	0	0
Total	644	479	420	350	320	228	300	255	231	254	223

	2001	2002	2003	2004	2005
Denmark	25	356	361	394	363
Netherlands	205	192	116	108	108
Sweden	39	44	37	28	25
New Zealand	9	9	9	6	5
Greece	-	432	466	345	1
USA	9	1	1	1	1
Others	0	0	0	0	0
Total	287	1,034	990	882	503

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**World captures of European eel (*anguilla anguilla*),
selected countries, in tonnes**

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Egypt	-	-	-	-	-	798	537	585	501	709	2064
Sweden	941	1085	1180	1144	1298	1100	1042	1073	645	736	561
Denmark	1674	1464	1448	1081	1200	904	735	796	600	711	620
UK	1039	822	782	752	873	808	894	812	741	697	796
Netherlands	209	160	89	419	358	433	336	316	344	372	351
Germany	978	1010	1026	1027	585	584	696	746	717	746	686
Norway	336	323	372	340	472	454	353	497	363	475	281
Poland	913	1097	1095	1116	1090	627	639	489	454	474	429
France	1674	1450	1164	864	607	320	403	1782	449	289	399
Tunisia	340	234	224	373	390	130	192	202	150	206	108
Turkey	230	262	245	261	329	390	342	400	300	99	176
Italy	1199	1106	1662	1307	986	886	883	1010	682	645	549
Ireland	256	245	234	260	300	400	400	400	400	250	250
Hungary	151	126	421	263	501	411	579	124	182	179	76
Morocco	54	32	51	104	150	100	100	401	303	250	100
Others	874	495	551	462	459	361	406	382	362	362	442
Total	10868	9911	10544	9773	9598	8706	8537	10015	7193	7200	7888

	2001	2002	2003	2004	2005
Egypt	1979	1802	781	916	924
Sweden	580	634	565	568	668
Denmark	658	569	620	534	531
UK	595	571	588	504	493
Netherlands	374	373	366	331	317
Germany	638	636	251	243	285
Norway	304	311	240	237	249
Poland	425	361	321	270	220
France	415	402	412	321	186
Tunisia	135	202	166	108	181
Turkey	122	147	158	165	176
Italy	446	402	458	387	115
Ireland	110	104	81	119	87
Hungary	27	18	9	13	74
Morocco	150	200	101	53	71
Others	475	388	283	290	278
Total	7433	7120	5400	5059	4855

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**World captures of American eel (*anguilla rostrata*),
selected countries, in tonnes**

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
USA	421	555	615	523	724	285	441	485	460	490	649	393
Canada	1292	1317	1067	1126	1024	950	840	766	774	631	681	474
Dominican Rep.	-	-	-	-	-	6	-	-	1	2	7	1
Others	0	0	0	0	1	43	35	19	9	2	1	0
Total	1713	1872	1682	1649	1749	1284	1316	1270	1244	1125	1338	868

	2002	2003	2004	2005
USA	277	463	326	405
Canada	472	633	503	368
Dominican Rep.	37	23	9	14
Others	1	0	2	2
Total	787	1119	840	789

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**World aquaculture production of European eel
(*anguilla anguilla*), selected countries, in tonnes**

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Netherlands	500	550	520	1250	1487	1535	2800	2443	2634	3228	3700	4000
Denmark	706	900	900	900	900	950	1400	1689	2468	2717	2674	2100
Italy	4100	3585	3265	3000	3000	3000	3000	3100	3150	3200	2700	2500
Spain	130	98	105	175	134	214	249	335	347	383	411	339
Greece	45	94	145	337	341	659	584	545	681	518	602	639
Germany	-	-	-	-	-	-	-	-	-	-	150	150
Sweden	157	141	171	169	160	139	161	189	204	222	273	200
Morocco	60	35	41	68	85	55	29	121	67	88	55	40
Estonia	-	-	-	-	-	-	-	-	-	-	-	-
Others	1403	1305	1733	1451	1945	435	439	393	314	270	246	305
Total	7101	6708	6880	7350	8052	6987	8662	8815	9865	10626	10811	10273

	2002	2003	2004	2005
Netherlands	3868	4200	4500	4000
Denmark	1166	2012	1823	1673
Italy	1699	1550	1220	1132
Spain	424	339	424	427
Greece	433	544	557	372
Germany	150	150	322	329
Sweden	167	170	158	222
Morocco	47	64	68	77
Estonia	5	15	7	40
Others	87	46	73	57
Total	8046	9090	9152	8329

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CATFISH - Prices

**Market prices for fresh catfish fillets, skinless,
c&f Los Angeles, USA, origin USA, US\$/lb**

Month	2004	2005	2006	2007
J	2.85	2.85	<i>nq</i>	<i>nq</i>
F	2.85	2.90	<i>nq</i>	<i>nq</i>
M	2.85	2.90	<i>nq</i>	3.23
A	2.85	2.90	<i>nq</i>	3.23
M	2.85	2.90	<i>nq</i>	3.23
J	2.85	2.90	<i>nq</i>	3.05
J	2.85	2.90	<i>nq</i>	
A	2.85	2.90	<i>nq</i>	
S	2.85	2.90	<i>nq</i>	
O	2.85	2.90	<i>nq</i>	
N	2.85	2.90	<i>nq</i>	
D	2.85	2.90	<i>nq</i>	

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**Market prices for frozen catfish fillets, skinless,
c&f Belgium, origin Vietnam, 20% glaze, 170gr up US\$/kg**

Month	2006	2007
J		2.95
F		2.95
M	3.30	3.05
A	3.80	3.10
M	4.20	3.05
J	4.30	2.90
J	4.80	3.00
A	4.60	
S	4.50	
O	2.96	
N	2.80	
D	2.60	

* 170 gr/pc and up

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**Market prices for frozen catfish fillets, skinless,
c&f Los Angeles, USA, origin Vietnam, 60-170 gr/pc, US\$/kg**

Month	1999	2000	2001	2002	2003	2004	2005	2006	2007
J	4.80	4.80	3.60	3.10	4.10	3.70	3.60	3.20	nq
F	4.80	4.80	3.60	3.50	4.10	3.70	3.60	3.20	nq
M	4.80	4.80	3.60	3.70	4.10	3.80	3.70	3.20	nq
A	4.50	4.70	3.60	4.20	4.30	3.80	3.70	3.20	4.70
M	4.90	4.90	3.60	4.30	4.10	3.80	3.40	3.20	4.70
J	4.90	4.90	3.60	4.10	4.10	3.80	3.40	3.20	
J	4.80	4.90	3.60	4.10	4.10	3.80	3.20	3.20	
A	4.80	4.90	3.60	4.10	3.90	3.80	3.20	3.20	
S	4.80	4.90	3.70*	4.10	3.90	3.60	3.20	3.20	
O	4.80	4.90	3.50*	4.10	3.90	3.60	3.20	3.20	
N	4.80	3.10	3.00*	4.10	3.90	3.60	3.20	3.20	
D	4.80	3.60	3.00*	4.10	3.90	3.60	3.20	3.20	

* 170 gr/pc and up

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CATFISH - Production

World captures of catfish, by species, in tonnes including aquaculture

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Torpedo-shaped catfishes nei	63073	50461	50411	45607	36243	54508	36379	36769	54160	48456	57987
North African catfish	17634	18508	17673	16836	15714	33855	20601	24703	21956	27220	36520
Naked catfishes	13310	14814	12239	21001	12463	14437	9865	12458	13386	16239	11495
Upsidedown catfishes	6019	5493	9178	5865	12853	13852	9267	11560	13384	12856	12571
Bagrid catfish	-	-	-	-	2000	4000	8505	5814	15538	10679	7311
Glass catfishes	16683	14985	16185	16466	15602	15283	17560	15938	13943	15927	13110
Wels(=Som)catfish	18359	17775	9777	7839	6823	7605	8456	9398	11444	9291	9445
Black catfishes nei	3947	3779	3726	4672	5157	8609	7596	6513	7100	5592	7800
Catfishes nei	7656	7953	8657	9522	8648	9974	9745	11822	9524	13710	11567
Total	146681	133768	127846	127808	115503	162123	127974	134975	160435	159970	167806

	2001	2002	2003	2004	2005
Torpedo-shaped catfishes nei	49965	42546	59195	51972	62617
North African catfish	39867	37192	39537	39012	46789
Naked catfishes	11574	8001	12876	14652	15929
Upsidedown catfishes	13737	12827	18084	13532	15400
Bagrid catfish	12413	5678	12537	10859	12519
Glass catfishes	13522	12271	13433	11815	11990
Wels(=Som)catfish	8577	8126	8743	7311	8102
Black catfishes nei	7497	7497	7483	7385	7794
Catfishes nei	11126	9015	6436	5448	3073
Total	168278	143153	178324	161986	184213

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World aquaculture of catfish, by species, in tonnes

Species	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Catfish, hybrid	17900	29136	23775	31063	34170	44120	47711	60759	57466	72289
Torpedo-shaped catfishes nei	5519	10395	8266	10547	14162	15949	25104	36542	30325	40019
North African catfish	1455	1807	5011	4722	4720	5368	1662	1478	2137	2781
Upsidedown catfishes	-	612	80	100	200	47	51	898	846	479
Philippine catfish	261	266	324	286	296	336	348	438	478	548
Bagrid catfish	456	1059	1542	1533	1503	1650	19	115	220	257
Total	25591	43275	38998	48251	55051	67470	74895	100230	91472	116373

Species	2000	2001	2002	2003	2004	2005
Catfish, hybrid	76000	77905	86475	101606	159314	114311
Torpedo-shaped catfishes nei	46789	53448	71070	95178	87560	110876
North African catfish	4830	7122	9490	10471	23129	28746
Upsidedown catfishes	451	454	762	669	893	1137
Philippine catfish	535	509	528	643	620	610
Bagrid catfish	96	83	-	60	60	60
Total	128701	139521	168325	208627	271576	255740

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Catfish aquaculture production in tonnes

Country	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
Thailand	4598	6394	15817	13875	12551	12385	17900	29136	23775	31063	34170	44120
Indonesia	692	694	886	1947	2500	4000	3739	4910	6330	8042	9786	12906
Nigeria	3324	2439	1528	1680	3359	9631	1971	6504	6240	6400	6800	6139
Malaysia	-	-	-	7	183	87	197	456	904	741	827	1108
Uganda	-	-	-	-	-	-	-	-	-	-	16	18
Netherlands	20	75	300	300	400	475	500	500	500	900	710	1019
Philippines	86	190	143	97	100	99	-	-	-	260	2028	1300
Hungary	-	-	-	-	-	-	-	-	-	-	-	-
Syrian Arab Republic	-	-	-	-	-	-	-	-	-	-	-	-
Cambodia	60	110	80	90	170	200	235	250	310	270	280	320
Poland	-	-	-	-	-	-	-	-	-	-	-	-
Kenya	-	-	-	-	-	-	-	-	-	-	-	-
Mali	-	-	-	-	3	3	3	8	17	21	40	40
Belgium	-	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-	-
Cameroon	40	13	6	7	9	8	6	4	2	2	2	2
Italy	-	-	-	-	-	-	-	-	-	-	-	-
Others	89	101	337	343	422	460	1040	1507	920	552	392	498
Total	8909	10016	19097	18346	19697	27348	25591	43275	38998	48251	55051	67470

Country	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Thailand	47711	60759	57466	72289	76000	77905	86475	101606	159314	114311
Indonesia	15627	24187	19857	27350	31629	36979	49457	70826	55691	69387
Nigeria	6837	7962	4929	2654	4518	4841	7896	10684	27593	35669
Malaysia	1379	4176	5473	9197	9904	11754	11686	12697	14693	17860
Uganda	65	18	90	95	120	540	2728	3000	3827	6528
Netherlands	1200	1206	1491	1504	2600	1456	2606	3200	3600	4200
Philippines	1075	1052	743	1112	935	1525	2634	2163	1930	2355
Hungary	-	-	-	-	-	889	878	986	1228	1412
Syrian Arab Republic	65	45	75	84	381	418	670	815	747	1208
Cambodia	330	420	460	510	500	484	508	643	600	600
Poland	-	-	-	-	-	160	300	300	300	500
Kenya	-	2	7	92	124	304	202	319	320	318
Mali	24	24	24	30	11	150	300	300	300	300
Belgium	-	-	-	240	400	350	250	450	250	250
Brazil	-	-	-	-	-	-	-	-	245	224
Cameroon	3	3	3	3	10	50	114	74	114	110
Italy	-	-	-	-	-	-	-	-	253	100
Others	579	376	854	1213	1569	1716	1621	564	571	408
Total	74895	100230	91472	116373	128701	139521	168325	208627	271576	255740

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GLOBEFISH - 20070711.

PERCH - Production

World captures of European perch, selected countries, in tonnes

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Finland	17686	17810	19890	19897	16713	16876	17647	17860	14721	14694	13374
Russian Fed.	2738	2993	4564	2652	2376	3236	3922	3342	4459	3655	4026
Estonia	926	-	803	1465	1223	1007	1030	1202	1052	976	841
Poland	763	765	700	524	864	952	1169	1584	1172	1124	922
Germany	695	1279	1407	813	887	948	764	782	822	714	501
Kazakhstan	685	1167	1043	817	728	736	670	480	350	450	500
Others	2231	2835	2571	2029	1642	1744	1686	1660	1781	1653	1399
Total	25724	26849	30978	28197	24433	25499	26888	26910	24357	23266	21563

	2001	2002	2003	2004	2005
Finland	13395	12981	13080	12999	13102
Russian Fed.	3986	6719	7944	6493	5161
Estonia	686	824	1445	1074	1100
Poland	1119	1057	981	937	829
Germany	541	478	504	411	396
Kazakhstan	547	422	283	375	360
Others	1189	1288	1485	1137	998
Total	21463	23769	25722	23426	21946

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World captures of American yellow perch, in tonnes

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Canada	-	-	-	-	1439	1282	1440	2073	2083	1884	1847	2524	3622
USA	1519	1649	1566	1412	1387	1246	711	622	556	537	567	640	685
Total	1519	1649	1566	1412	2826	2528	2151	2695	2639	2421	2414	3164	4307

	2003	2004	2005
Canada	3507	3588	4076
USA	778	745	812
Total	4285	4333	4888

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FISHDAB - 20070718.

**World captures of pike perch, selected countries,
in tonnes**

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Russian Fed.	9640	10923	8458	5521	4078	4221	6215	6104	5390	5320	6128
Finland	1506	1562	2531	2646	2272	2346	2476	2630	3241	3188	1824
Kazakhstan	5373	4213	5156	5983	5436	6089	5570	4000	2900	2500	2000
Turkey	1563	1413	1897	5683	5181	5877	8042	1500	3000	1906	1633
Estonia	250	270	169	1012	627	657	726	460	891	771	677
Sweden	401	381	410	445	425	351	312	366	334	346	327
Others	6489	4780	4965	3948	3747	2948	2918	2962	2952	3135	3407
Total	25222	23542	23586	25238	21766	22489	26259	18022	18708	17166	15996

	2001	2002	2003	2004	2005
Russian Fed.	5711	6041	5716	4247	4073
Finland	1786	2671	2796	2911	2805
Kazakhstan	1628	1718	1449	2669	2100
Turkey	1644	1850	1751	1852	1768
Estonia	517	977	1882	1130	786
Sweden	267	398	451	451	525
Others	3906	4429	3522	2964	2777
Total	15459	18084	17567	16224	14834

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PIKE - Production

World captures of Northern pike, selected countries, in tonnes

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Finland	16230	16258	17516	17536	11879	11831	12345	12377	11649	11663	10449
Russian Fed.	8005	9734	6062	5721	4367	4938	5708	4676	5567	6325	8884
Canada	2633	3172	3266	3424	1787	2496	2406	2334	2568	2615	2808
Kazakhstan	1425	1227	1044	733	564	637	580	420	300	550	700
Poland	356	354	354	351	350	245	1076	280	226	262	363
Others	6653	4492	3898	4366	4430	3950	3728	3957	3736	2542	2140
Total	35302	35237	32140	32131	23377	24097	25843	24044	24046	23957	25344

	2001	2002	2003	2004	2005
Finland	10428	10102	10097	10179	10152
Russian Fed.	8404	9759	10187	8616	7998
Canada	2464	2684	2323	1938	1417
Kazakhstan	819	919	920	826	840
Poland	311	354	362	324	271
Others	2025	2498	2238	1876	1832
Total	24451	26316	26127	23759	22510

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World aquaculture of Northern pike, selected countries, in tonnes

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Czech Rep.	-	-	-	81	43	144	54	67	75	63	63
Russian Fed.	-	-	-	-	-	-	-	-	1	2	4
Morocco	-	-	-	-	-	-	-	-	-	-	-
Hungary	24	9	9	9	5	<0.5	13	24	50	57	44
Belarus	-	-	995	895	764	739	1829	1157	1062	12	40
Romania	-	-	-	-	-	-	-	-	-	30	25
Lithuania	-	-	-	-	-	-	-	-	-	-	16
Ukraine	-	-	-	-	-	-	-	-	-	233	<0.5
Croatia	-	-	1	1	-	3	1	13	18	4	18
Others	724	694	756	503	503	503	805	516	335	574	409
Total	748	703	1761	1489	1315	1389	2702	1777	1541	975	619

	2001	2002	2003	2004	2005
Czech Rep.	69	91	86	75	76
Russian Fed.	8	7	5	7	59
Morocco	-	-	-	20	55
Hungary	51	40	42	55	46
Belarus	47	23	19	31	31
Romania	15	17	27	41	25
Lithuania	10	9	21	29	16
Ukraine	-	-	7	22	16
Croatia	8	9	2	6	10
Others	340	20	26	16	21
Total	548	216	235	302	355

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BURBOT - Production

World captures of burbot, selected countries, in tonnes

	1990	1991	1992	1993	1994	1995	1996	1997	1998
Russian Fed.	3055	3036	2106	1746	881	993	1531	1533	2121
Finland	3228	3246	2482	2489	1901	1849	1647	1663	1147
Others	239	153	142	171	192	185	156	158	169
Total	6522	6435	4730	4406	2974	3027	3334	3354	3437

	1999	2000	2001	2002	2003	2004	2005
Russian Fed.	1763	1778	1644	1697	2433	2041	2121
Finland	1154	1176	1168	1071	1051	1263	1237
Others	190	116	132	168	127	112	78
Total	3107	3070	2944	2936	3611	3416	3436

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BARB - Production

World aquaculture of barb, by species and countries, in tonnes

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Thai silver barb											
Thailand	14695	16275	23839	21939	24133	27432	37615	35100	38951	41289	46276
Indonesia	28048	19867	21113	21989	23388	27591	33186	23913	23124	28806	31886
Cambodia	2450	2570	3280	2830	2930	3370	3455	4424	4845	5500	5390
Malaysia	1790	2063	2505	1481	1465	1428	1609	2087	1807	1788	1673
Indonesia	-	-	32	-	-	2	2	-	-	-	81
Others	0	0	0	0	0	0	0	0	0	0	0
Total	46983	40775	50769	48239	51916	59823	75867	65524	68727	77383	85306

	2001	2002	2003	2004	2005
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Thai silver barb					
Thailand	42152	44242	49066	66820	65714
Indonesia	26119	21910	20836	22699	16489
Cambodia	5186	5445	6890	5700	5900
Malaysia	1013	971	1245	1049	1045
Indonesia	132	40	56	842	1330
Others	0	0	0	0	6240
Total	74602	72608	78093	97110	96718

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MILKFISH - Production

Milkfish aquaculture production, in tonnes

Country	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Philippines	210882	234123	171116	148965	161006	151116	150229	158472	162458	180771	209994
Indonesia	132432	141024	147032	164448	153093	151256	162127	142709	158666	209758	217208
Taiwan PC	90716	41298	25146	45524	66784	63254	58453	62749	58349	50824	39730
Singapore	-	-	-	-	-	-	-	370	148	378	676
Others	93	75	65	75	55	40	34	32	29	41	58
Total	434123	416520	343359	359012	380938	365666	370843	364332	379650	441772	467666

Country	2001	2002	2003	2004	2005
Philippines	225337	232162	246504	273592	289153
Indonesia	209525	222317	226114	241438	254067
Taiwan PC	59355	72434	77899	56853	50050
Singapore	656	956	1492	1839	1500
Others	67	108	34	10	13
Total	494940	527977	552043	573732	594783

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