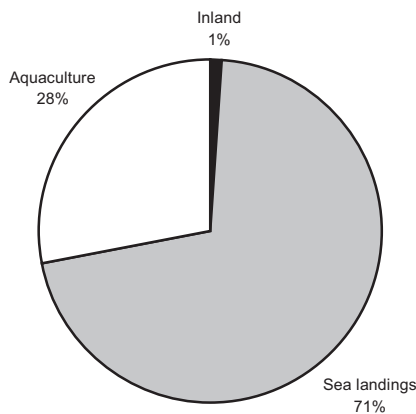




Fish production
Value 1998



Fishery Statistics 1998

	Sea landings	Aquaculture	Inland catches	Total production
1997	£132.2m	£58.5m	£2.3m	£192.9m
1998	£152.4m	£60.8m	£2.7m	£215.9m
% change	15.3%	3.9%	17.4%	11.9%

Value of fish production now at £215 million

The value of fish production increased by 11.9% to £215.9m in 1998. The value of sea landings in 1998 was £152.4m, aquaculture was £60.8m and inland catches was estimated at £2.7m. *See graph and Tables 1, 8 and 9.*

The live weight of sea landings increased by 11.6% to 324,843 tonnes mainly due to an increase of 19,551 tonnes in landings of blue whiting and of 14,226 tonnes in mackerel. *See Table 1.*

Rathmullan (+7,054 tonnes) and Cobh (+2,332 tonnes) were the two ports with the largest increases in tonnage landed. *See Table 2.*

The weight and value of aquaculture production both increased with salmon at £39.0m representing over 63% of the total value. *See Table 8.*

There were 246,937 tonnes of fish and fish products exported in 1998 at a value of £239.8m. The comparative import figures were 51,721 tonnes and £79.3m. *See Table 12.*

An analysis of the statistics shows that:

- ◆ The number of rod licences issued was 29,848. *See Table 10.*
- ◆ There was a decrease in the number of fishing vessels to 1,156 however the gross registered tonnage showed a small increase. *See Table 11.*
- ◆ The consumer price index for tinned fish rose 17.6% to 118.0 and for fresh fish rose 5.3% to 104.4. *See Table 16.*

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Table 1 Sea fish landings¹ by species

Species	1996 ²	1997 ²	1998	1996 ²	1997 ²	1998
	tonnes live weight			value £000		
Total	332,392	291,133	324,843	132,939	132,208	152,418
Demersal	46,912	45,086	43,663	50,978	51,552	53,274
Brill	127	181	141	391	575	507
Cod	8,002	5,706	5,294	8,794	6,438	6,399
Dogfish	3,260	2,382	2,403	1,455	1,136	962
Dover sole	463	479	526	2,843	2,946	3,462
Haddock	4,462	6,230	6,572	3,568	4,825	5,500
Hake	1,741	2,268	1,971	4,362	6,009	5,278
John Dory	125	112	98	322	264	232
Lemon sole	581	667	527	786	880	700
Ling	1,381	1,305	1,272	937	849	1,088
Megrim	3,507	3,063	3,383	6,009	5,435	5,962
Monk/Angler	3,348	3,880	4,251	5,990	7,047	7,856
Plaice	1,679	1,698	1,731	2,194	2,364	2,360
Ray/Skate	2,212	2,714	2,120	1,448	1,799	1,574
Saithe	2,579	1,840	1,687	1,515	1,032	1,008
Turbot	262	257	234	1,613	1,663	1,608
White pollock	1,289	1,050	946	1,147	904	886
Whiting	10,352	9,392	7,762	6,191	5,802	5,300
Witch	615	605	657	739	712	727
Other demersal	924	1,259	2,087	675	872	1,866
Pelagic	256,916	216,343	251,235	50,413	46,671	61,578
Blue whiting	1,709	25,987	45,538	75	1,701	2,766
Herring	71,971	57,155	58,248	11,920	7,530	8,427
Horse mackerel	127,872	75,002	74,253	18,035	15,677	13,544
Mackerel	49,966	53,084	67,310	18,589	18,333	30,458
Sprat	4,214	2,085	1,578	554	487	180
Tuna	874	1,927	3,770	1,219	2,818	5,771
Other pelagic	310	1,103	537	20	126	431
Shellfish	28,564	29,704	29,946	31,547	33,985	37,565
Blue mussel ¹	5,628	5,506	5,660	1,015	1,119	1,185
Crab	6,195	8,037	7,970	5,393	6,277	7,278
Crawfish	64	48	46	995	658	753
Dublin Bay prawns	2,769	3,454	3,998	6,639	9,177	9,910
Escallop	600	633	693	1,256	1,301	1,520
Lobster	574	514	611	5,307	4,465	5,708
Periwinkle	2,837	3,142	2,636	2,236	2,093	2,195
Prawn tails	2,409	3,566	2,952	2,326	4,328	3,059
Shrimp	399	359	505	2,038	1,673	2,465
Squid	481	442	610	879	873	1,093
Whelk	6,575	3,852	3,667	3,403	1,695	1,576
Other shellfish	33	151	599	61	327	823

¹ Oysters, clams and farmed mussels have been included in aquaculture² Revised

Source: Department of the Marine and Natural Resources

Table 2 Sea fish landings¹ by port

Port	1996 ²	1997 ²	1998	1996 ²	1997 ²	1998
	tonnes live weight			value £000		
Total	332,392	291,133	324,843	132,939	132,208	152,418
Irish ports						
Achill ³	1,321	905	1,014	681	483	537
Aran Islands	150	229	163	313	345	314
Arklow ³	4,055	2,082	1,016	1,427	973	514
Ballycotton	805	847	993	845	867	1,105
Ballyglass	334	161	180	397	212	253
Baltimore ³	3,056	2,440	1,744	1,976	1,895	2,129
Burtonport	2,331	1,272	1,000	1,372	1,196	1,531
Carlingford	1,672	2,130	675	346	435	136
Carna ³	309	205	230	595	357	497
Carrigaholt	339	306	251	417	411	360
Castlegregory	288	246	243	684	470	397
Castletownbere ³	15,549	12,653	13,442	9,668	10,953	13,489
Cleggan/Clifden	252	402	347	384	417	522
Clogherhead	711	1,040	764	885	1,488	1,090
Cobh	6,220	8,323	10,655	1,280	1,774	2,335
Courtown	865	475	407	405	184	153
Crosshaven	496	417	496	615	462	617
Dingle	7,090	7,953	8,548	6,705	8,113	10,036
Downings ³	1,045	903	1,045	1,392	931	1,537
Dun Laoghaire	584	404	388	346	187	196
Duncannon/St. Helens	1,193	661	801	1,455	1,058	1,041
Dunmore east	14,268	10,597	11,824	7,649	5,975	6,838
Fenit	2,069	701	1,216	1,285	884	736
Foynes	347	294	173	571	532	290
Galway	375	695	1,201	650	448	428
Greencastle	4,222	4,093	4,461	4,652	4,638	4,407
Helvick	725	587	519	858	638	556
Howth	4,238	5,962	5,376	4,404	7,946	7,559
Killybegs	148,322	114,628	113,467	30,744	28,460	24,498
Kilmore quay	941	1,626	2,123	1,427	2,629	3,414
Kincasslagh	2,755	2,935	1,340	669	740	402
Kinsale ³	1,292	1,591	1,109	1,558	1,784	1,585
Lettermore/Lettermullen ³	216	173	153	410	292	358
Malin head	757	1,084	815	646	934	739
Moville	1,828	2,524	3,235	526	551	726
Rathmullan	27,882	8,564	15,618	3,542	1,972	2,440
Rossaveal	7,046	9,142	6,566	4,607	4,709	4,999
Schull ³	977	1,020	1,286	1,195	1,203	1,673
Skerries	1,051	1,050	1,016	1,288	1,553	1,541
Union Hall	3,670	2,912	3,168	3,368	3,218	3,196
Valentia	1,233	989	649	2,048	1,600	1,150
Wexford ³	1,456	899	181	876	570	120
Other ports ³	5,467	7,603	10,640	7,173	9,256	12,711
Foreign ports⁴	52,589	67,407	94,306	20,604	18,462	33,260

¹ Oysters, clams and farmed mussels have been included in aquaculture

² Revised

³ Farmed mussels excluded

⁴ Distributed across all consumption categories in Table 3

Table 3 Sea fish landings by consumption category

Category	1996 ¹	1997 ¹	1998	1996 ¹	1997 ¹	1998
	tonnes live weight			value £000		
Total	332,392	291,133	324,843	132,939	132,208	152,418
Human consumption	217,630	196,445	194,418	107,388	110,782	116,038
Foreign ports	52,491	67,321	94,202	20,435	18,367	33,121
Fish meal ²	55,370	27,366	36,223	4,306	3,058	3,258
Transhipments ³	6,901	0	0	809	0	0

¹ Revised

² Includes withdrawals

³ From Irish to foreign boats

Table 4 Sea fish landings by month

Month	1996 ¹	1997 ¹	1998	1996 ¹	1997 ¹	1998
	tonnes live weight			value £000		
Total	332,392	291,133	324,843	132,939	132,208	152,418
January	40,214	39,273	34,934	10,951	13,242	12,207
February	40,924	16,197	42,298	13,931	6,319	23,778
March	33,555	32,168	41,293	13,203	12,603	16,681
April	18,706	39,817	42,939	8,875	13,605	12,336
May	24,510	23,291	22,324	10,496	9,868	11,861
June	11,125	9,458	11,216	8,837	9,841	10,309
July	9,406	10,774	8,405	8,812	11,118	11,064
August	30,921	13,767	13,150	12,273	9,948	10,368
September	38,420	21,374	22,639	12,060	11,964	12,562
October	29,067	31,244	28,375	13,544	11,865	11,178
November	33,709	30,202	31,621	10,831	12,723	10,427
December	21,836	23,568	25,650	9,126	9,113	9,647

¹ Revised**Table 5 Average price per tonne live weight of main fish species**

£ per tonne

Species	1993	1994	1995	1996 ¹	1997 ¹	1998
Demersal						
Brill	2,905	3,183	3,231	3,090	3,179	3,598
Cod	1,241	1,190	1,185	1,099	1,128	1,209
Dogfish	496	428	410	446	477	401
Dover sole	5,025	5,815	5,427	6,137	6,155	6,585
Haddock	709	785	848	799	774	837
Hake	2,536	2,326	2,397	2,505	2,650	2,679
John Dory	2,371	2,767	2,676	2,571	2,366	2,355
Lemon sole	1,121	1,081	1,176	1,354	1,321	1,327
Ling	663	691	705	679	650	855
Megrim	1,893	1,651	1,527	1,713	1,774	1,763
Monk/Angler	1,819	1,785	1,743	1,789	1,816	1,848
Plaice	1,145	1,001	1,102	1,306	1,392	1,363
Ray/Skate	697	656	688	654	663	742
Saithe	466	570	574	587	561	598
Turbot	5,874	5,994	6,058	6,146	6,459	6,870
White pollock	794	876	916	890	861	936
Whiting	498	502	542	598	618	683
Witch	1,039	989	1,018	1,201	1,177	1,106
Pelagic						
Blue whiting	0	200	100	44	65	61
Herring	139	182	168	166	132	145
Horse mackerel	103	93	87	141	209	182
Mackerel	142	144	186	372	345	452
Sprat	125	108	112	131	233	114
Tuna	1,697	1,225	1,303	1,396	1,462	1,531
Shellfish						
Blue mussel ²	82	113	88	180	203	209
Crab	766	742	634	870	781	913
Crawfish	14,663	15,346	16,399	15,656	13,741	16,425
Dublin Bay prawns	2,675	2,682	2,469	2,398	2,657	2,479
Escallop	1,779	1,708	2,149	2,094	2,056	2,194
Lobster	9,051	8,872	9,085	9,244	8,692	9,337
Periwinkle	633	579	698	788	666	833
Prawn tails	877	1,014	987	965	1,214	1,036
Shrimp	4,955	5,331	5,562	5,103	4,659	4,882
Squid	1,982	1,955	1,877	1,828	1,973	1,793
Whelk	355	339	458	518	440	430

¹ Revised² Farmed mussels have been included in aquaculture

Source: Department of the Marine and Natural Resources

Table 6 Sea fish landings¹ by species class

Year	Total	Demersal	Pelagic	Shellfish	Total	Demersal	Pelagic	Shellfish
	tonnes live weight				value £000			
1974	84,417	19,539	55,498	9,380	8,654	2,527	4,454	1,673
1975	75,764	20,467	45,769	9,528	8,888	2,881	3,879	2,128
1976	86,529	24,822	50,722	10,985	12,589	4,724	4,493	3,372
1977	86,374	18,923	56,653	10,798	18,178	5,712	8,243	4,223
1978	104,126	18,076	75,393	10,657	22,079	5,880	10,803	5,396
1979	94,013	21,789	61,442	10,782	24,853	7,798	10,195	6,860
1980	142,506	30,802	101,410	10,293	29,035	8,866	14,560	5,609
1981	184,980	37,970	135,147	11,863	35,727	12,186	15,852	7,690
1982	209,269	37,329	157,081	14,858	43,572	14,246	19,175	10,150
1983	183,983	37,926	130,311	15,746	46,379	17,418	17,310	11,650
1984	178,083	39,617	114,928	23,538	45,578	19,431	13,472	12,675
1985	194,311	43,157	128,473	22,682	52,160	24,105	14,376	13,679
1986	223,104	36,451	162,332	24,322	63,502	29,264	17,794	16,444
1987	237,651	45,270	167,099	25,282	77,428	38,396	21,022	18,010
1988	246,716	44,450	180,058	22,208	85,324	44,445	22,960	17,919
1989	212,619	38,780	148,580	25,259	88,997	40,331	24,707	23,959
1990 ²	212,269	30,296	167,663	14,310	87,983	37,022	25,060	25,900
1991	234,073	31,983	181,189	20,901	89,511	39,264	24,438	25,809
1992	246,529	33,725	194,759	18,045	92,339	42,638	25,121	24,580
1993	278,763	35,269	219,302	24,192	95,515	39,627	31,180	24,708
1994	288,927	37,777	225,853	25,297	104,147	40,426	32,861	30,861
1995	384,003	46,199	305,485	32,319	120,843	48,147	39,345	33,351
1996 ³	332,392	46,912	256,916	28,564	132,939	50,978	50,413	31,547
1997 ³	291,133	45,086	216,343	29,704	132,208	51,552	46,671	33,985
1998	324,843	43,663	251,235	29,946	152,418	53,274	61,578	37,565

¹ Oysters and clams have been excluded for all years² Farmed mussels have been excluded from 1990 onwards (see background notes)³ Revised**Table 7 Sea fish landings by main species**

value £000

Year	Demersal		Pelagic			Shellfish		
	Cod	Whiting	Herring	Horse mackerel	Mackerel	Crab	Dublin Bay prawns	Lobster
1973	634	450	2,802		381	81	490	507
1974	663	513	3,950		365	88	289	586
1975	746	669	3,232		584	72	248	843
1976	1,347	1,066	3,154		1,121	155	587	1,350
1977	1,606	1,593	6,034		2,010	160	1,059	1,409
1978	1,600	1,525	8,195		2,264	173	1,947	1,455
1979	2,470	1,964	7,875		2,192	243	3,744	1,457
1980	2,433	2,436	9,403		4,451	211	2,220	1,325
1981	3,580	2,920	5,513		10,025	290	3,266	1,787
1982	4,024	2,104	6,031		12,842	430	4,725	1,949
1983	3,936	2,131	5,886	1,874	9,062	569	5,496	2,532
1984	3,587	2,542	5,161	1,377	6,497	1,145	4,354	3,025
1985	5,164	2,635	4,880	1,250	7,857	1,376	5,000	2,811
1986	5,279	2,669	5,872	2,333	8,595	1,311	7,361	2,513
1987	7,094	4,187	5,689	3,666	11,298	2,031	9,083	2,456
1988	8,279	4,394	5,746	4,158	12,527	2,340	7,341	3,363
1989	6,814	3,862	5,700	6,189	12,325	2,535	7,811	5,169
1990	5,363	3,280	7,793	5,223	11,872	2,887	9,193	4,916
1991	6,183	3,380	6,967	6,108	11,361	3,109	6,941	4,626
1992	5,829	3,057	7,633	5,452	11,205	2,990	6,088	4,729
1993	4,512	3,557	7,141	7,034	13,445	3,728	7,447	4,261
1994	5,932	4,382	9,266	8,020	12,446	5,101	7,967	6,346
1995	6,696	6,104	7,840	15,579	14,582	4,875	10,064	5,131
1996 ¹	8,794	6,191	11,920	18,035	18,589	5,393	6,639	5,307
1997	6,438	5,802	7,530	15,677	18,333	6,277	9,177	4,465
1998	6,399	5,300	8,427	13,544	30,458	7,278	9,910	5,708

¹ Revised

Source: Department of the Marine and Natural Resources

Table 8 Aquaculture production

Species	1996	1997	1998	1996	1997	1998
	tonnes			value £000		
Aquaculture	34,930	38,721	39,980	55,170	58,481	60,794
Shellfish	19,025	21,475	23,200	10,358	12,129	13,349
Finfish	15,905	17,246	16,780	44,812	46,352	47,445
Salmon	14,025	15,441	14,860	37,278	39,957	38,790

Source: Bord Iascaigh Mhara

Table 9 Inland fish catches

Species	1996	1997	1998	1996	1997	1998
	tonnes			value £000		
Inland	858	738	895	2,655	2,260	2,707
Salmon	688	570	624	2,015	1,625	1,790
Other	170	168	271	640	635	917

Source: Fisheries Research Centre, Department of the Marine and Natural Resources, Central Fisheries Board and CSO

Table 10 Sales of commercial and rod angling licences

Type	number					
	1993	1994	1995	1996	1997	1998
Commercial and rod	25,749	26,927	27,235	30,358	31,964	31,662
Commercial	1,874	1,939	2,111	2,097	2,083	2,114
Drift	673	732	768	778	852	871
Draft	457	494	468	497	492	494
Other	744	713	875	822	739	749
Rod	23,875	24,988	25,124	28,261	29,881	29,848

Source: Central Fisheries Board

Table 11 Fishing fleet¹ structure

Category	1993	1994	1995	1996	1997	1998
Number of boats	1,459	1,446	1,385	1,249	1,185	1,156
Tonnage GRT	52,278	53,682	55,689	54,577	55,028	55,093
Kilowatts	195,787	200,279	197,492	190,771	191,883	188,976

¹ Includes aquaculture vessels

Source: Department of the Marine and Natural Resources

Table 12 External trade of fish and fish products classified by country of origin or destination

Country of origin or destination	1996	1997 ¹	1998	1996	1997 ¹	1998
	tonnes			value £000		
Exports	293,036	250,027	246,937	251,993	228,710	239,760
European Union	178,411	147,162	158,244	179,286	170,382	190,376
Austria	351	335	256	321	380	312
Belgium and Luxembourg	1,664	1,055	1,010	2,863	2,211	1,674
Denmark	1,112	1,916	2,972	870	795	1,989
Finland	446	216	210	469	295	264
France	34,815	31,084	35,385	53,250	49,362	56,670
Germany	43,343	29,718	31,258	25,549	20,985	22,936
Greece	878	410	231	671	355	248
Great Britain	46,471	37,115	37,510	29,788	30,825	33,628
Italy	3,558	4,813	5,685	12,644	17,289	19,602
Portugal	919	782	465	749	692	401
Netherlands	13,329	14,098	22,063	8,673	6,379	9,829
Northern Ireland	12,172	8,673	5,366	6,952	4,789	3,849
Spain	17,280	15,043	14,634	33,446	33,199	36,665
Sweden	2,073	1,904	1,200	3,040	2,825	2,308
Non-European Union	114,625	102,865	88,693	72,707	58,328	49,384
Bulgaria	4,342	500	2,140	2,183	127	978
Czech Republic	2,223	2,191	2,212	1,324	1,217	1,299
Egypt	5,734	4,420	15,070	1,838	1,803	5,285
Japan	18,659	23,106	18,709	23,687	17,774	12,740
Nigeria	2,628	14,327	5,172	1,846	4,389	2,084
Poland	8,651	8,953	14,486	4,802	5,592	8,864
Romania	6,396	2,320	7,793	2,386	1,082	3,134
Russia	15,364	11,325	3,967	5,395	5,253	1,862
South Korea	1,438	1,088	979	3,409	2,997	1,842
USA	2,027	666	264	3,218	1,354	1,654
Other countries	47,163	33,967	17,900	22,619	16,740	9,641
Imports	56,886	61,106	51,721	67,115	72,874	79,294
European Union	38,682	37,620	33,165	51,406	55,007	63,084
Belgium and Luxembourg	89	34	32	114	68	152
Denmark	6,339	6,482	4,501	7,723	7,892	7,945
Finland	14	0	0	7	0	0
France	36	230	145	146	396	226
Germany	75	88	225	229	145	545
Greece	16	2	0	82	17	0
Great Britain	26,819	21,856	18,718	36,987	39,125	43,915
Italy	81	6	102	190	37	652
Portugal	84	205	81	176	413	134
Netherlands	2,178	1,947	901	2,256	1,932	3,211
Northern Ireland	2,835	6,683	8,206	3,328	4,752	5,745
Spain	82	86	15	162	223	46
Sweden	36	1	239	7	6	513
Non-European Union	18,204	23,486	18,556	15,709	17,867	16,211
Faroe Islands	868	2,447	1,620	277	644	104
Iceland	3,800	7,603	3,692	1,939	3,804	2,648
Norway	9,001	7,188	8,831	3,268	2,924	4,153
Thailand	968	1,257	587	2,541	2,940	1,717
USA	1,033	1,139	478	2,383	2,891	1,426
Other countries	2,535	3,852	3,347	5,301	4,665	6,163

¹ Revised

Source: CSO External Trade. See background notes.

Table 13 External trade of fish and fish products classified by main species¹

Species	1996	1997 ²	1998	1996	1997 ²	1998
	tonnes			value £000		
Exports	293,036	250,027	246,937	251,993	228,710	239,760
Cod	999	1,763	816	1,113	981	1,150
Crab	4,486	4,360	4,202	10,293	9,869	10,526
Flatfish	1,527	1,912	3,916	2,031	3,002	6,919
Haddock	997	1,487	1,317	844	1,247	1,500
Hake	1,124	516	1,319	3,112	1,260	2,282
Herring	29,102	28,189	40,076	18,631	15,449	19,936
Livers and roes	5,372	1,047	2,193	14,122	3,788	4,428
Lobster	274	545	394	3,123	4,130	3,280
Mackerel and horse mackerel	169,773	139,546	126,137	76,330	66,577	59,103
Megrim	3,054	2,669	2,046	7,277	5,821	5,021
Monk/Angler	2,808	2,691	2,348	7,705	7,857	8,053
Mussels	9,803	11,591	11,357	13,036	13,995	16,550
Oysters	1,282	1,501	1,515	1,814	1,771	1,915
Pollock	683	526	258	660	508	288
Salmon	11,954	11,100	10,271	29,907	28,450	29,096
Sardines	1,627	622	1,120	778	319	451
Scallops	158	378	268	1,099	1,565	1,894
Shrimps and prawns	5,791	5,986	6,664	23,646	26,420	31,518
Sole	279	283	267	984	1,075	1,371
Squid	206	208	106	654	760	319
Surimi	1,418	204	534	2,309	228	741
Trout	75	140	330	287	236	506
Tuna	756	1,358	2,394	1,276	2,841	3,985
Whiting	3,939	4,513	2,796	4,081	5,031	4,415
Meal, oils, fats, waste	21,652	14,823	11,930	11,227	7,810	7,257
Other species and products	13,896	12,070	12,363	15,653	17,721	17,256
Imports	56,886	61,106	51,721	67,115	72,874	79,294
Cod	1,257	1,385	1,569	2,413	3,222	3,996
Crab	439	586	480	795	785	834
Haddock	375	569	1,119	880	868	1,563
Herring	438	1,517	1,938	405	708	890
Lamprey	2,187	1,997	1,930	4,919	4,613	4,829
Mackerel and horse mackerel	2,066	2,267	1,050	1,317	1,485	924
Mussels	1,877	232	164	1,084	308	448
Plaice	993	632	580	2,598	1,660	1,394
Salmon	4,053	4,827	2,911	9,466	10,071	7,458
Shrimps and prawns	2,018	2,824	3,446	8,424	10,186	15,936
Surimi	982	807	789	2,014	2,059	2,002
Tuna	2,382	2,588	5,175	4,342	5,120	8,375
Whiting	1,950	2,975	3,436	4,002	4,223	6,244
Meal, oils, fats, waste	31,570	33,921	22,247	15,626	17,282	13,078
Other species and products	4,299	3,979	4,887	8,831	10,283	11,322

¹ Species figures include processed products

² Revised

Source: CSO External Trade. See background notes.

Table 14 External trade of fish and fish products classified by product and degree of processing

Category	Whole fish ¹	Fillets	Shellfish	Whole fish ¹	Fillets	Shellfish
	tonnes			value £000		
1996						
Exports	227,475	39,601	25,960	165,104	27,585	59,304
Live, fresh, chilled	48,203	2,695	11,754	57,207	1,542	28,448
Frozen	145,439	36,238	9,377	79,190	24,123	21,268
Dried, salted, in brine, smoked	6,786	116	397	9,848	166	845
Prepared, preserved	5,396	551	4,432	7,632	1,753	8,742
Meal, oil, fats, waste	21,652	0	0	11,227	0	0
Imports	47,568	4,645	4,673	46,115	9,797	11,203
Live, fresh, chilled	5,816	212	1,091	9,723	336	2,682
Frozen	772	1,832	3,011	1,188	4,525	6,512
Dried, salted, in brine, smoked	1,396	109	23	2,961	198	79
Prepared, preserved	8,014	2,493	548	16,616	4,738	1,931
Meal, oil, fats, waste	31,570	0	0	15,626	0	0
1997²						
Exports	190,818	32,674	26,535	139,952	25,343	63,416
Live, fresh, chilled	44,338	4,163	13,614	57,133	2,223	30,453
Frozen	120,650	27,094	8,000	58,155	20,225	21,646
Dried, salted, in brine, smoked	5,938	648	825	8,758	605	2,375
Prepared, preserved	5,069	769	4,096	8,096	2,290	8,941
Meal, oil, fats, waste	14,823	0	0	7,810	0	0
Imports	52,148	4,812	4,147	49,305	9,563	14,006
Live, fresh, chilled	7,325	764	2,484	10,530	707	7,179
Frozen	2,182	1,782	1,345	1,892	4,356	5,261
Dried, salted, in brine, smoked	1,342	148	13	2,930	316	27
Prepared, preserved	7,378	2,117	304	16,671	4,184	1,538
Meal, oil, fats, waste	33,921	0	0	17,282	0	0
1998						
Exports	186,204	34,195	26,538	141,936	27,332	70,493
Live, fresh, chilled	52,059	4,963	12,571	66,660	2,432	31,648
Frozen	110,385	27,137	7,702	49,557	20,368	25,255
Dried, salted, in brine, smoked	6,798	1,080	578	9,704	997	1,380
Prepared, preserved	5,033	1,015	5,687	8,758	3,535	12,210
Meal, oil, fats, waste	11,930	0	0	7,257	0	0
Imports	42,807	4,262	4,651	49,414	9,523	20,358
Live, fresh, chilled	8,270	406	3,037	11,414	721	11,975
Frozen	2,899	2,407	1,190	2,131	5,064	6,213
Dried, salted, in brine, smoked	925	162	9	2,267	391	23
Prepared, preserved	8,467	1,286	416	20,524	3,347	2,147
Meal, oil, fats, waste	22,247	0	0	13,078	0	0

¹ Includes fish in pieces etc.

² Revised

Source: CSO External Trade. See background notes.

Table 15 Processing and preserving of fish and fish products

Category	1993	1994	1995	1996	1997
Number of persons engaged ¹	2,132	2,239	2,749	2,758	2,756
Gross output	£159.2m	£177.3m	£207.6m	£223.7m	£237.3m
Industrial inputs	£105.1m	£119.4m	£133.8m	£144.2m	£157.7m
Net output	£54.1m	£58.0m	£73.8m	£79.5m	£79.6m
Wages and Salaries	£21.4m	£22.8m	£26.5m	£28.6m	£29.3m

¹ Excludes outside piece workers

Source: CSO Census of Industrial Production

Table 16 Consumer price indices of selected fish products

mid-November 1996=100

Product	1993	1994	1995	1996	1997	1998
Food products	92.1	95.3	98.2	100.1	101.8	106.1
Fresh fish	94.5	97.5	95.2	96.0	99.1	104.4
Frozen fish	100.8	102.5	101.7	101.1	101.0	105.1
Smoked fish	97.0	97.8	98.6	98.6	97.9	98.3
Tinned fish	109.7	105.5	106.4	101.3	100.3	118.0

Source: CSO Consumer Price Index

Table 17 National average prices of selected fish products

£ per lb

Product	1993	1994	1995	1996	1997 ¹	1998 ¹
	mid-November					
Whiting fillets	£1.82	£1.86	£1.84	£1.98	£1.94	£2.22
Cod cutlets	£2.84	£2.94	£2.80	£3.01	£3.10	£3.46
Plaice fillets	£3.25	£3.39	£3.43	£3.67	£3.81	£4.00
Smoked kippers	£1.42	£1.43	£1.48	£1.49	£1.70	£1.97

¹ Converted from price per kg to price per lb using 2.204

Source: CSO Consumer Prices

Background Notes

- General** This release has been compiled from existing administrative and statistical sources. It brings together into one release the various fishery statistics that are already available.
- Comparisons between sea landings and external trade statistics should bear in mind the differences between both systems mentioned below. Allowance should also be made for aquaculture and inland fish production as well as for any stock changes of frozen fish etc. and for trade outside the scope of the External Trade statistics thresholds.
- Sea landings** Fishery statistics are collected by the Sea Fishery Officers of the Department of the Marine and Natural Resources. They are processed by the Sea Fisheries Control Division of the Department. The Sea Fisheries Division are responsible for the transmission of the figures to the EU statistical office, Eurostat, under the terms of Council Regulation No 2104/93.
- Landings of clams, oysters and salmon have been excluded by the CSO from the figures supplied by the Department. Landings of blue mussels into ports where blue mussel aquaculture farming is located have also been excluded from 1990 onwards. In 1990 the amount of excluded farmed mussels was 13,600 tonnes valued at £2.6 million.
- Landings by foreign boats into Irish ports are not included in the figures.
- Demersal fish are found on or near the bottom of the sea. They are often referred to as white fish. Pelagic fish live in the surface waters or middle depths of the sea. Shellfish are of two kinds, crustaceans - prawns, lobsters, crabs etc. and molluscs - mussels, oysters etc.
- Aquaculture production** Bord Iascaigh Mhara conducts an annual survey of finfish and shellfish farms. Figures on production and employment are collected.
- Inland catches** The salmon quantity figures are compiled by the Fisheries Research Centre. The methodology was amended in 1994 to supplement reports from registered dealers with indications from inspectors of what was caught but not sold through the dealers. The salmon valuation figures were calculated by applying a premium of 10 percent to the average price per kg of farmed salmon.
- Sea trout were valued at the average price per kg obtained for exports of fresh or chilled trout (tariff code 03021100).
- The quantity of eels caught are estimated by the Department of the Marine and Natural Resources. They are valued by the Department using information from the Fisheries Research Centre.
- External trade statistics** The estimates for exports and imports are taken from the CSO external trade statistics.
- The basic external trade data are collected by the Office of the Revenue Commissioners and passed to the External Trade Statistics Division of the CSO for checking and publication. Since the completion of the EU Single Market at the end of 1992, trade statistics with EU member states and trade statistics with non-EU countries are compiled from two separate sources.
- The EU-wide system, Intrastat, involves a direct survey of the larger traders and an analysis of the regular VAT returns made by all traders. Traders not registered for VAT have no obligations under the Intrastat system and their trade is therefore not included in the statistics. The Intrastat figures include estimates for traders who did not make Intrastat returns and for traders below the thresholds who did not provide aggregate inter-EU trade figures on their VAT returns. Statistics of trade with non-EU countries are compiled from documents returned to the Customs Authorities.
- Some amendments have been made, mainly to quantity figures, arising from an analysis of unit values at tariff level.
- Landings of fish by European Union registered vessels are not included in import statistics. If these fish are sold and subsequently exported, they are included in export statistics.

- Licences** The Central Fisheries Board collate the sales figures from returns made to them by the Regional Fishery Boards.
- Fishing fleet** The Department of the Marine and Natural Resources compile these figures and are also responsible for maintaining the fishing vessel register. The figures include vessels used for aquaculture.
- Census of Industrial Production** The figures are taken from the CSO Census of Industrial Local Units. The results cover all industrial local units with three or more persons engaged and relate to the NACE code 1520 - Processing and preserving of fish and fish products.
- Consumer Price Index** The Consumer Price Index is compiled by the CSO. It is designed to measure the average change in the level of the prices paid for consumer goods and services by all private households in the country.

In addition to the price indices, national average prices are also published for selected items.

EU 1997 EU aquaculture production				000 €
Country	Total aquaculture	Finfish	Shellfish	
European Union¹	2,200,742	1,499,566	701,176	
Austria	10,160	10,074	87	
Belgium	3,351	3,351	0	
Denmark	118,520	118,520	0	
Finland	42,291	42,291	0	
France	557,006	238,621	318,382	
Germany	89,252	77,788	11,464	
Greece	215,886	213,416	2,471	
Ireland ¹	74,247	58,855	15,399	
Italy	358,203	221,581	136,622	
Luxembourg	0	0	0	
Netherlands	72,676	21,365	51,312	
Portugal	42,357	16,748	25,608	
Spain	222,888	108,755	114,132	
Sweden	17,286	16,485	801	
United Kingdom	376,613	351,716	24,897	

¹ Revised

Source: New Cronos database, Eurostat