

INTERNATIONAL COMMISSION FOR



RESTRICTED
THE NORTHWEST ATLANTIC FISHERIES

Serial No. 2517
(D.c.7)

ICNAF Res.Doc. 71/21

ANNUAL MEETING - JUNE 1971

Conversion Factors: North Atlantic Species, 1970
(FAO Bull. Fish. Stat. No. 25)

25

BULLETIN OF FISHERY STATISTICS
BULLETIN STATISTIQUE DES PÊCHES
BOLETIN ESTADISTICO DE PESCA

Conversion factors: North Atlantic species

Coefficients de conversion: Espèces de l'Atlantique nord

Factores de conversión: Especies del Atlántico septentrional

1970



FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS
ORGANISATION DES NATIONS UNIES POUR L'ALIMENTATION ET L'AGRICULTURE
ORGANIZACION DE LAS NACIONES UNIDAS PARA LA AGRICULTURA Y LA ALIMENTACION

Prepared in FAO on the basis of information available
as of 30 April 1971; published in April 1971

Etabli par la FAO sur la base des renseignements disponibles
au 30 avril 1971; publié en avril 1971

Preparado en la FAO a base de los datos disponibles hasta el
30 de abril 1971; publicado en abril de 1971

Letters about the technical
contents of this publication
should be addressed to:

*Fishery Statistics and Economic
Data Branch
Fishery Economics and Institutions
Division
Department of Fisheries, FAO
00100 Rome, Italy*

Adresser la correspondance d'ordre
technique au sujet de cette
publication à:

*Sous-Division des statistiques
halieutiques et des données économiques
Division de l'économie et des institutions
des peches
Département des peches, FAO
00100 Rome, Italie*

La correspondencia concerniente
al contenido técnico de esta
publicación debe dirigirse a:

*Subdirección de Estadísticas y
Datos Económicos Pesqueros
Dirección de Economía e Instituciones
Pesqueras
Departamento de Pesca, FAO
00100 Roma, Italia*

Orders for copies (small handling
charges are made) should be sent
to:

*Distribution and Sales Section
FAO
00100 Rome, Italy*

Le Bulletin sera envoyé (contre paiement
des seuls frais d'expédition) sur demande
adressée à:

*Section Distribution et Vente
FAO
00100 Rome, Italie*

Diríjense los pedidos de
ejemplares (sólo se cobrarán los
gastos de envío) a:

*Sección de Distribución y Venta
FAO
00100 Roma, Italia*

Information from this publication may be quoted if reference is made to the source.

A cutting of any reprinted material would be appreciated; this should be sent to
Fishery Statistics and Economic Data Branch (see address above).

On peut reproduire les articles et renseignements contenus dans cette publication sous réserve
d'indiquer la source. Prière d'envoyer une coupure de tout texte reproduit à la *Sous-
Division des statistiques halieutiques et des données économiques* (voir adresse susmentionnée).

Las informaciones contenidas en esta publicación se pueden reproducir si se cita el origen.
Se agradecerá el envío de un recorte de todo el material que se cite a la *Subdirección
de Estadísticas y Datos Económicos Pesqueros* (véase la dirección anteriormente mencionada).

For bibliographic purposes, this publication may be cited as follows:

La référence bibliographique de cette publication peut être donnée comme suit:
Para fines bibliográficos esta publicación debe citarse como sigue:

FAO (1971)
Bull. Fishery Statist., (25):vi+71 p.
Conversion factors: North Atlantic species, 1970
Coefficients de conversion: Espèces de l'Atlantique nord, 1970
Factores de conversión: Especies del Atlántico septentrional, 1970

FOREWORD

Fisheries Circular No. 157 "Conversion Factors used by Countries Reporting Data on STANA Forms" which was prepared for the Fifth Session of the CWP, Aberdeen, Scotland, 10-14 April 1967, presented for each country fishing in the North Atlantic the conversion factors used to calculate the live weight equivalent of the fish and fish products landed. After a review of this paper, the CWP agreed that its Secretary should "compile lists of all the factors used by member countries for fish landed from the North Atlantic, with individual species arranged by FAO species groups".

Fisheries Circular No. 228 "Quantity Conversion Factors for use in Fishery Statistics of the North Atlantic" was therefore prepared for the Sixth Session of the CWP, Copenhagen, 3-7 February 1969; it showed for each of the species and types of handling and processing the conversion factors used by the various countries fishing in the North Atlantic to convert the landed weight to the original live weight of the fish at the time of capture. The CWP recommended that this Circular should be sent for comments to the countries concerned and that a revised document (*Fisheries Circular* FEs/C228, Rev. 1) be issued in time for the 1969 ICNAF meeting.

This *Bulletin* presents in final form the material shown in the *Fisheries Circulars* previously issued; it incorporates amendments and/or additional information supplied to FAO by the countries concerned after the publication of *Fisheries Circular* 228, Rev. 2.

It should be noted that the need for accurate conversion factors was discussed at the mid-term meeting of the ICNAF Standing Committee on Regulatory Measures, London, 27-29 January 1969 (see ICNAF Commission Document 69/2). This Standing Committee stated that:

"Since catch quotas would be in terms of landed equivalent whole fish, it would be necessary to establish conversion factors where the fish underwent processing at sea, and also the method of treatment of discards. These matters would need to be settled by experts at the time a scheme was formulated in the light of the particular circumstances, and the FAO/ICES/ICNAF Coordinating Working Party on Atlantic Fisheries Statistics (CWP) could advise".

It should also be stressed that, according to the opinions expressed by the CWP at its Fifth and Sixth Sessions, this work is not intended to establish common international factors.

This *Bulletin* is intended to stimulate national statistical offices to compare the conversion factors they are now using for individual species and for particular types of dressing with factors used by other countries for the same species and degree of processing or handling. Where such a comparison shows significant differences it would be advisable that the national offices investigate the reasons for such discrepancies and if these reasons could not be established, then the accuracy of the conversion factors should also be tested.

AVANT-PROPOS

La *Circulaire sur les pêches* No. 157 "Conversion Factors used by Countries Reporting Data on STANA Forms" (Coefficients de conversion utilisés par les pays dans leurs rapports statistiques sur formules STANA), préparée pour la cinquième session du CWP, réunie à Aberdeen (Ecosse) du 10 au 14 avril 1967, indiquait pour chacun des pays pratiquant la pêche dans l'Atlantique Nord les coefficients de conversion utilisés pour calculer l'équivalent en poids vif du poisson et des produits de la pêche débarqués. Après avoir examiné ce document, le CWP est convenu que son secrétariat devrait établir des listes de tous les coefficients utilisés par les pays membres pour le poisson débarqué provenant de l'Atlantique Nord, en classant les espèces individuelles en fonction des groupes d'espèces établis par la FAO.

La *Circulaire sur les pêches* No. 228 "Quantity Conversion Factors for use in Fishery Statistics of the North Atlantic" (Coefficients de conversion quantitatifs utilisés dans les statistiques des pêches de l'Atlantique Nord) a donc été préparée pour la sixième session du CWP, réunie à Copenhague du 3 au 7 février 1969; elle indiquait, pour chacune des espèces et pour chaque type de manutention et de transformation les coefficients utilisés par les divers pays pratiquant la pêche dans l'Atlantique Nord pour convertir le poids débarqué en poids vif initial du poisson au moment de sa capture. Le CWP a recommandé que cette circulaire soit envoyée aux pays intéressés pour observations et qu'une version révisée (*Circulaire sur les pêches* FEs/C228, Rev. 1) en soit publiée avant la réunion de la CIPAN, en 1969.

Le présent *Bulletin* donne sous leur forme définitive les éléments figurant dans les circulaires sur les pêches publiées précédemment; il incorpore des amendements et/ou des renseignements supplémentaires fournis à la FAO par les pays intéressés après la publication de la *Circulaire sur les pêches* 228, Rev. 2.

Il convient de noter que, lors de sa réunion tenue à Londres du 27 au 29 janvier 1969, le Comité permanent de la CIPAN sur les mesures de réglementation a étudié la nécessité d'utiliser des coefficients de conversion exacts (voir document CIPAN 69/2). A son avis, puisque les contingents de capture seraient calculés sur la base du poids débarqué converti en équivalent de poissons frais entiers, il faudrait établir des coefficients de conversion lorsque le poisson est transformé en mer, et définir la méthode de traitement des produits de rebut. Ces questions devraient être réglées par des experts lors de l'élaboration d'un programme tenant compte des circonstances particulières, et le Groupe de travail FAO/CIEM/CIPAN de coordination des statistiques des pêches de l'Atlantique (CWP) pourrait donner son avis à ce propos.

On doit également souligner que, selon les vues exprimées par le CWP à ses cinquième et sixième sessions, il ne s'agit pas d'établir des coefficients de conversion communs ayant une valeur internationale.

Le présent *Bulletin* a pour objet d'inciter les services statistiques nationaux à comparer les coefficients de conversion qu'ils emploient actuellement pour les espèces individuelles et pour les divers types de parage, avec les coefficients utilisés par d'autres pour les mêmes espèces et pour les mêmes opérations de transformation ou de manutention. Lorsqu'une telle comparaison indique l'existence de différences notables, il serait bon que les services nationaux recherchent les causes de ces différences et, s'il est impossible de les établir, il conviendrait de vérifier aussi l'exactitude des coefficients de conversion.

PREAMBULO

La *Circular de Pesca* No. 157 "Coeficientes de conversión empleados por los países que comunican datos en Formularios STANA" que fue preparada para la quinta reunión del CWP, Aberdeen, Escocia, 10-14 de abril de 1967, presentaba para cada uno de los países que pescan en el Atlántico Norte los coeficientes de conversión usados para calcular el equivalente en peso en vivo del pescado y productos pesqueros desembarcados. Después de examinar este documento, el CWP convino en que su Secretario debería compilar listas de todos los coeficientes empleados por los países miembros para el pescado del Atlántico Norte, desembarcado ordenando las distintas especies según los grupos de especies de la FAO.

Por esto, en la sexta reunión del CWP, Copenhague, 3-7 de febrero de 1969, se preparó la *Circular de Pesca* No. 228 "Coeficientes de conversión de cantidades para su uso en las estadísticas de pesca del Atlántico Norte"; dicha Circular mostraba para cada especie y clases de manipulación y elaboración los coeficientes de conversión usados por los varios países que pescan en el Atlántico Norte para convertir el peso desembarcado en el peso en vivo en el momento de la captura. El CWP recomendó que esta Circular se enviara a los países interesados para que hicieran observaciones y que con tiempo suficiente para la reunión de la CIPAN de 1969 se publicara un documento revisado (*Circular de Pesca* FES/C228, Rev. 1).

Este *Boletín* presenta en forma definitiva el material que aparece en las *Circulares de Pesca* publicadas previamente; incorpora las enmiendas y/o la información adicional que los países interesados proporcionaron a la FAO después de la publicación de la *Circular de Pesca* 228, Rev. 2.

Debe observarse que en la reunión intermedia del Comité Permanente de la CIPAN sobre Medidas de Regulación, Londres, 27-29 de enero de 1969 (véase el Documento de la Comisión de la CIPAN 69/2) se discutió la necesidad de disponer de coeficientes de conversión exactos. Este Comité Permanente manifestó que:

"Como las cuotas de capturas se indicarían en términos de pescado entero desembarcado, sería necesario establecer coeficientes de conversión cuando el pescado se elaborara a bordo y hacerlo igualmente para el método de tratamiento de los desechos. Estas cuestiones deberían determinarlas los expertos al formular un plan teniendo en cuenta las circunstancias particulares, pudiendo asesorar el Grupo Coordinador de Trabajo FAO/CIEM/CIPAN sobre Estadísticas de Pesca en el Atlántico (CWP)".

Debe ponerse igualmente de relieve que, de acuerdo con las opiniones expresadas por el CWP en su quinta y sexta reuniones, con esto no trata de establecer coeficientes comunes internacionales.

Este *Boletín* pretende estimular a las oficinas de estadística a que comparen los coeficientes de conversión que emplean ahora para las distintas especies y para tipos particulares de preparación con los usados por otros países para las mismas especies y grado de elaboración o manipulación. Cuando tal comparación muestra importantes diferencias, sería aconsejable que las oficinas nacionales investigaran las razones de las discrepancias, y en el caso de que no pudieran determinarse, debería probarse también la exactitud de los coeficientes de conversión.

Diadromous fishes

Poissons diadromes

Peces diadromos

STURGEONS, PADDLEFISHES, ETC.

Factors used to convert landed or product weight
to live weight

Species, country	Degree of handling, Conversion factor	Remarks
<i>1,17(01)001+005</i> <u>Sturgeons</u> <i>Acipenser</i> spp., <i>Huso</i> spp.	Whole, not dressed	
Belgium	1.00	
Germany, Fed. Rep. of	1.00	
	Gutted, head on	
Canada	1.20	
France	1.10	
United States of America	1.20	
	Gutted, head off	
Canada	1.25	

RIVER EELS

Factors used to convert landed or product weight
to live weight

Species, country	Degree of handling, Conversion factor	Remarks
<u>1,43(02)002,01</u> <u>European eel</u> <i>Anguilla anguilla</i>	Whole, not dressed	
Germany, Fed. Rep. of	1.00	
Netherlands	1.04	
UK (England and Wales)	1.00	
UK (Northern Ireland)	1.00	
	Gutted, head on	
France	1.10	
<u>1,43(02)002,06</u> <u>American eel</u> <i>Anguilla rostrata</i>	Gutted, head on	
Canada	1.10	

SALMONS, TROUTS, SMELTS, ETC.

Factors used to convert landed or product weight
to live weight

Species, country	Degree of handling, Conversion factor	Remarks
<i>1,23(01)004,01</i> <u>Atlantic salmon</u> <i>Salmo salar</i>	Gutted, head on	
Canada	1.20	
Denmark	1.20	
Faeroe Islands	1.15	
Finland	...	Baltic Sea
France	1.15	
Germany, Fed. Rep. of	1.15	
Greenland	1.11	
Netherlands	1.15	
Sweden	1.15	
	Gutted, head off	
Canada	1.25	
Greenland	1.43	
	Smoked, split	
Canada	1.33	
<i>1,23(01)004+010</i> <u>Trouts, chars</u> <i>Salmo spp., Salvelinus spp.</i>	Gutted, head on	
Germany, Fed. Rep. of	1.15	
Greenland	1.11	
Netherlands	1.15	
	Gutted, head off	
Greenland	1.43	
	Pickled, split	
Canada	1.68	

SALMONS, TROUTS, SMELTS, ETC. (continued)

Factors used to convert landed or product weight
to live weight

Species, country	Degree of handling, Conversion factors	Remarks
<u>1,23(04)003,01</u> <u>European smelt</u> <i>Osmerus eperlanus</i>		Whole, not dressed
Germany, Fed. Rep. of	1.00	
Netherlands	1.04	
		Gutted, head on
France	1.10	
Iceland	1.08	
<u>1,23(05)015,01+02</u> <u>Atlantic argentines (=Silver smelts)</u> <i>Argentina silus, A. sphyraena</i>		Gutted, head on
Poland	1.08	
		Gutted, head off
Poland	1.47	
		Frozen, whole
USSR	1.00	
		Frozen, gutted, head off
USSR	1.48	
		Salted, whole
USSR	1.25	

SALMONS, TROUTS, SMELTS, ETC. (concluded)

Factors used to convert landed or product weight
to live weight

Species, country	Degree of handling, Conversion factor	Remarks
<u>1, 23(05)016, 01+02</u>		
<u>Atlantic argentines (=Silver smelts)</u>		
<u>Argentina silus, A. sphyraena</u>		
	Salted, gutted, head on	
USSR	1.38	
	Salted, gutted, head off	
USSR	1.84	

SHADS, MILKFISHES, ETC.

Factors used to convert landed or product weight
to live weight

Species, country	Degree of handling, Conversion factor	Remarks
1,21(05)011 <u>Shads</u> <i>Alosa</i> spp.	Whole, not dressed	
Netherlands	1.04	
	Gutted, head on	
Canada	1.20	
France	1.10	
Poland	1.11	
	Gutted, head off	
Poland	1.39	
	Frozen, whole	
USSR	1.01	

Marine fishes

Poissons marins

Peces marinos

FLOUNDERS, HALIBUTS, SOLES, ETC.

Factors used to convert landed or product weight
to live weight

Species, country	Degree of handling, Conversion factor	Remarks
<i>1,83(01)003,02</i>		
<u>Megrin</u>		
<i>Lepidorhombus whiffiagonis</i>		
	Gutted, head on	
Belgium	1.08	
France	1.11	
Germany, Fed. Rep. of	1.11	
Ireland	1.12	
Netherlands	1.11	
UK (England and Wales)	1.12	
UK (Scotland)	1.12	
UK (Northern Ireland)	1.12	
<i>1,83(01)006,02</i>		
<u>Turbot</u>		
<i>Psetta maxima (=Rhombus maximus)</i>		
	Gutted, head on	
Belgium	1.08	
Denmark	1.05	
France	1.11	
Germany, Fed. Rep. of	1.11	
Ireland	1.05	
Netherlands	1.11	
UK (England and Wales)	1.12	
UK (Scotland)	1.12	
<i>1,83(01)064,01</i>		
<u>Brill</u>		
<i>Scophthalmus rhombus</i>		
	Gutted, head on	
Belgium	1.08	
Denmark	1.05	
France	1.11	
Germany, Fed. Rep. of	1.11	
Ireland	1.05	
Netherlands	1.11	
UK (England and Wales)	1.12	
UK (Scotland)	1.12	
UK (Northern Ireland)	1.12	

FLOUNDERS, HALIBUTS, SOLES, ETC. (continued)

Factors used to convert landed or product weight
to live weight

Species, country	Degree of handling, Conversion factor	Remarks
<i>1,83(02)002,01</i>		
<u>Atlantic halibut</u>		
<i>Hippoglossus hippoglossus</i>		
	Gutted, head on	
Belgium	1.08	
Canada	1.15	
Denmark	1.05	
Faeroe Islands	1.11	
Germany, Fed. Rep. of	1.11	
Greenland	1.05	
Iceland	1.09	
Netherlands	1.11	
Norway	1.20	
Poland	1.15	
UK (England and Wales)	1.12	
UK (Scotland)	1.12	
United States of America	1.15	
	Gutted, head off	
Canada	1.35	
Greenland	1.35	
Poland	1.33	
	Frozen, whole	
USSR	1.00	
	Frozen, gutted, head on	
Germany, Fed. Rep. of	1.11	
Germany, Fed. Rep. of	1.17	Tail off
USSR	1.08	
	Frozen, gutted, head off	
Germany, Fed. Rep. of	1.39	
Germany, Fed. Rep. of	1.44	Tail off
Norway	1.40	From Greenland
USSR	1.29	

FLOUNDERS, HALIBUTS, SOLES, ETC. (continued)

Factors used to convert landed or product weight
to live weight

Species, country	Degree of handling, Conversion factor	Remarks
<i>1,83(02)002,01</i>		
<u>Atlantic halibut (concluded)</u>		
<i>Hippoglossus hippoglossus</i>		
Salted, gutted, head on		
USSR	1.31	Lightly-salted <u>a/</u>
USSR	1.39	Medium-and-heavy-salted <u>a/</u>
Salted, gutted, head off		
USSR	1.60	Lightly-salted <u>a/</u>
USSR	1.72	Medium-and-heavy salted <u>a/</u>
Fillets, frozen		
Germany, Fed. Rep. of	2.31	Skin on
Germany, Fed. Rep. of	2.59	Skinless
Poland	1.82	Skin on
Poland	2.04	Skinless
USSR	1.81	Skin on
<i>1,83(02)004,005</i>		
<u>European plaice</u>		
<i>Pleuronectes platessa</i>		
Gutted, head on		
Belgium	1.08	
Denmark	1.05	
France	1.11	
Germany, Fed. Rep. of	1.11	
Iceland	1.09	
Ireland	1.05	
Netherlands	1.11	
UK (England and Wales)	1.12	
UK (Scotland)	1.12	
UK (Northern Ireland)	1.12	

FLOUNDERS, HALIBUTS, SOLES, ETC. (continued)

Factors used to convert landed or product weight
to live weight

Species, country	Degree of handling, Conversion factor	Remarks
<i>1,83(02)005,01</i>		
<u>Greenland (=Black) halibut (concluded)</u>		
<i>Reinhardtius hippoglossoides</i>		
Frozen, gutted, head on		
Germany, Fed. Rep. of	1.11	
Germany, Fed. Rep. of	1.17	Tail off
Frozen, gutted, head off		
Germany, Fed. Rep. of	1.39	
Germany, Fed. Rep. of	1.44	Tail off
Fillets, frozen		
Germany, Fed. Rep. of	2.31	Skin on
Germany, Fed. Rep. of	2.59	Skinless
Poland	2.00	Skin on
Poland	2.32	Skinless
<i>1,83(02)011,02</i>		
<u>Witch</u>		
<i>Glyptocephalus cynoglossus</i>		
Gutted, head on		
Belgium	1.08	
Canada	1.10	
Denmark	1.05	
Germany, Fed. Rep. of	1.11	
Netherlands	1.11	
Poland	1.09	
UK (England and Wales)	1.12	
UK (Scotland)	1.12	
UK (Northern Ireland)	1.12	
Frozen, gutted, head on		
Germany, Fed. Rep. of	1.11	

FLOUNDERS, HALIBUTS, SOLES, ETC. (continued)

Factors used to convert landed or product weight
to live weight

Species, country	Degree of handling, Conversion factor	Remarks
<i>1,83(02)004,05</i>		
<u>European plaice (concluded)</u>		
<i>Pleuronectes platessa</i>		
	Frozen, gutted, head on	
Germany, Fed. Rep. of	1.11	
	Frozen, gutted, head off	
Germany, Fed. Rep. of	1.39	
<i>1,83(02)005,01</i>		
<u>Greenland (=Black) halibut</u>		
<i>Reinhardtius hippoglossoides</i>		
Canada	1.10	
Germany, Fed. Rep. of	1.11	
Greenland	1.05	
	Gutted, head off	
Canada	1.15	
Greenland	1.35	
Norway	1.20	
Poland	1.43	
	Pickled, head on	
Canada	1.65	Split
	Pickled, head off	
Canada	1.73	Dressed

FLOUNDERS, HALIBUTS, SOLES, ETC. (continued)

Factors used to convert landed or product weight
to live weight

Species, country	Degree of handling, Conversion factor	Remarks
<u>1,83(02)011,02</u> <u>Witch (concluded)</u> <u><i>Glyptocephalus cynoglossus</i></u>		
Frozen, gutted, head off		
Germany, Fed. Rep. of	1.39	
Gutted, head off		
Poland	1.31	
Fillets, fresh		
Poland	1.92	Skin on
Poland	3.22	Skinless
<u>1,83(02)014,01</u> <u>American plaice (=Long rough dab)</u> <u><i>Hippoglossoides platessoides</i></u>		
Gutted, head on		
Canada	1.10	
Poland	1.18	
Gutted, head off		
Poland	1.49	
Fillets, frozen		
Poland	2.32	Skin on
Poland	2.94	Skinless
Fillets		
Canada	3.70	

FLOUNDERS, HALIBUTS, SOLES, ETC. (continued)

Factors used to convert landed or product weight
to live weight

Species, country	Degree of handling, Conversion factor	Remarks
<u>1,83(02)024,05</u>		
<u>Common dab</u>	Gutted, head on	
<i>Limanda limanda</i>		
Belgium	1.08	
Denmark	1.05	
France	1.11	
Germany, Fed. Rep. of	1.11	
Ireland	1.05	
Netherlands	1.11	
UK (England and Wales)	1.12	
UK (Scotland)	1.12	
UK (Northern Ireland)	1.12	
<u>1,83(02)045,04</u>		
<u>Lemon sole</u>	Gutted, head on	
<i>Microstomus kitt</i>		
Belgium	1.08	
Denmark	1.05	
Germany, Fed. Rep. of	1.11	
Ireland	1.12	
Netherlands	1.11	
UK (England and Wales)	1.12	
UK (Scotland)	1.12	
Frozen, gutted, head on		
Germany, Fed. Rep. of	1.11	
<u>1,83(02)048,02</u>		
<u>European flounder</u>	Gutted, head on	
<i>Platichthys flesus</i>		
Belgium	1.08	
Denmark	1.05	
Germany, Fed. Rep. of	1.11	
Ireland	1.12	
Netherlands	1.11	
UK (England and Wales)	1.12	
UK (Scotland)	1.12	
UK (Northern Ireland)	1.12	

FLOUNDERS, HALIBUTS, SOLES, ETC. (continued)

Factors used to convert landed or product weight
to live weight

Species, country	Degree of handling, Conversion factor	Remarks
<u>1,83(03)007,01</u> <u>Common sole</u>		
<i>Solea solea</i>		Gutted, head on
Belgium	1.08	
Denmark	1.05	
France	1.11	
Germany, Fed. Rep. of	1.11	
Ireland	1.05	
Netherlands	1.11	
UK (England and Wales)	1.12	
UK (Northern Ireland)	1.12	
<u>1,83</u> <u>Teleostean flatfishes, n.e.i.</u>		
<u>Pleuronectoidei</u>		
Canada	1.10	
France	1.10	
Iceland	1.09	
Ireland	1.05	
Poland	1.10	
Sweden	1.04	
		Gutted, head off
Poland	1.32	
Sweden	1.12	
		Frozen, whole
USSR	1.00	
		Frozen, gutted, head on
USSR	1.08	
		Frozen, whole, head off
USSR	1.28	

FLOUNDERS, HALIBUTS, SOLES, ETC. (concluded)

Factors used to convert landed or product weight
to live weight

Species, country	Degree of handling, Conversion factor	Remarks
<u>1,83</u>		
<u>Teleostean flatfishes, n.e.i. (concluded)</u>		
Pleuronectoidei		
Salted, whole		
USSR	1.19	
Salted, gutted, head on		
USSR	1.21	Lightly-salted <u>a/</u>
USSR	1.27	Medium-and-heavy salted <u>a/</u>
Salted, gutted, head off		
USSR	1.46	Lightly-salted <u>a/</u>
USSR	1.56	Medium-and-heavy-salted <u>a/</u>

a/ Salt content in fish body: Lightly-salted from 6 to 10 percent, medium-salted from 10 to 14 percent and heavy-salted more than 14 percent.

CODS, HAKES, HADDOCKS, ETC.

Factors used to convert landed or product weight
to live weight

Species, country	Degree of handling, Conversion factor	Remarks
<i>1,48(04)001,01</i>		
<i>Tusk (= Cusk)</i>		
<i>Brosme brosme</i>		
	Gutted, head on	
Belgium	1.18	
Canada	1.20	
Faeroe Islands	1.11	
Germany, Fed. Rep. of	1.17	
Iceland	1.11	
Netherlands	1.17	
Sweden	1.18	
UK (England and Wales)	1.12	
UK (Scotland)	1.20	
United States of America	1.13	
	Split	
Canada	1.70	
	Gutted, head off	
Canada	1.38	
Norway	1.40	
	Green-salted	
Canada	2.70	
Faeroe Islands	2.50	Wet-salted
Norway	2.41	
	Frozen, gutted, head on	
Germany, Fed. Rep. of	1.11	

CODS, HAKES, HADDOCKS, ETC. (continued)

Factors used to convert landed or product weight
to live weight

Species, country	Degree of handling, Conversion factor	Remarks
<i>1,48(04)002,02</i>		
<u>Atlantic cod</u>		
<i>Gadus morhua (=callarias)</i>		
		Gutted, head on
Belgium	1.18	
Canada	1.20	
Denmark	1.18	
Faeroe Islands	1.11	
France	1.24	
Germany, Fed. Rep. of	1.24	
Greenland	1.22	
Iceland	1.25	
Ireland	1.18	
Netherlands	1.24	
Poland	1.17	Baltic Sea
Poland	1.19	Northwest Atlantic
Spain	1.33	
Sweden	1.15	
UK (England and Wales)	1.20	
UK (Scotland)	1.20	
UK (Northern Ireland)	1.20	
United States of America	1.17	
		Gutted, head off
Canada	1.38	
Denmark	1.60	
Greenland	1.52	
Norway	1.40	Finmark young cod
Norway	1.60	Spawning cod
Norway	1.42	Cod, other
Poland	1.68	Baltic Sea
Poland	1.78	Northwest Atlantic
Sweden	1.40	
		Split
Canada	1.70	
		Frozen
France	2.85	Fillets

CODS, HAKES, HADDOCKS, ETC. (continued)

Factors used to convert landed or product weight
to live weight

Species, country	Degree of handling, Conversion factor	Remarks
<i>1.48(04)002,02</i>		
<u>Atlantic cod (continued)</u>		
<i>Gadus morhua (=callarias)</i>		
Frozen, head off		
Norway	1.54	
Frozen, gutted, head on		
Germany, Fed. Rep. of	1.18	
Germany, Fed. Rep. of	1.24	Tail off
Frozen, gutted, head off		
Germany, Fed. Rep. of	1.71	
Germany, Fed. Rep. of	1.77	Tail off
USSR	1.56	
Salted		
Canada	2.70	Green-salted
Canada	4.80	(Newfoundland), Light-salted, dry
Faeroe Islands	2.50	Landed in domestic ports and/or landed abroad
France	3.00	Green-salted
Germany, Fed. Rep. of	2.74	Gutted, split, head off
Iceland	2.28	Landed in domestic ports
Iceland	2.50	Landed abroad
Iceland	2.77	Wet-cured
Norway	2.99	West-Greenland
Norway	2.41	Head off
Portugal	3.00	Green-salted
Spain	3.00	Green-salted

CODS, HAKES, HADDOCKS, ETC. (continued)

Factors used to convert landed or product weight
to live weight

Species, country	Degree of handling, Conversion factor	Remarks
<i>1,48(04)002,02</i>		
<u>Atlantic cod (continued)</u>		
<i>Gadus morhua (=callarias)</i>		
Salted, gutted, head off		
USSR	1.85	Lightly-salted <u>a/</u>
USSR	1.92	Medium-salted <u>a/</u>
USSR	1.96	Heavy-salted <u>a/</u>
Dried		
Portugal	4.29	Dried into fresh (live weight)
Portugal	1.43	Dried into unripe (unsalted)
Fillets, fresh		
Poland	2.56	Baltic Sea, skin on
Fillets, frozen		
Canada	3.70	
France	2.85	
Germany, Fed. Rep. of	2.64	Skin on
Germany, Fed. Rep. of	2.95	Skinless
Germany, Fed. Rep. of	3.48	Skinless, boneless
Norway	3.50	
Poland	2.78	Northwest Atlantic, skin on
Poland	3.12	Northwest Atlantic, skinless
Poland	4.00	Northwest Atlantic, boneless
USSR	2.11	Skin on, hand processing
USSR	2.26	Skin on, automatic processing
USSR	2.23	Skinless, hand processing
USSR	2.39	Skinless, automatic processing

CODS, HAKES, HADDOCKS, ETC. (continued)

Factors used to convert landed or product weight
to live weight

Species, country	Degree of handling, Conversion factor	Remarks
<i>1,48(04)002,02</i>		
<u>Atlantic cod (concluded)</u>		
<i>Gadus morhua (=callarias)</i>		
	Fillets, salted	
Germany, Fed. Rep. of	4.31	Skin on
Germany, Fed. Rep. of	4.80	Skinless
<i>1,48(04)004,01</i>		
<u>European hake</u>		
<i>Merluccius merluccius</i>		
	Gutted, head on	
Belgium	1.18	
Denmark	1.18	
France	1.17	
Germany, Fed. Rep. of	1.17	
Ireland	1.12	
Netherlands	1.17	
Sweden	1.11	
UK (England and Wales)	1.20	
UK (Scotland)	1.12	
UK (Northern Ireland)	1.12	
	Gutted, head off	
Norway	1.40	
Poland	1.67	
	Fillets, frozen	
Poland	2.27	Skin on

CODS, HAKES, HADDOCKS, ETC. (continued)

Factors used to convert landed or product weight
to live weight

Species, country	Degree of handling, Conversion factor	Remarks
<u>1,48(04)004,04</u> <u>Silver hake</u> <i>Merluccius bilinearis</i>		
United States of America	1.66	
	Frozen, whole	
USSR	1.00	
	Frozen, gutted, head off	
USSR	1.42	
	Salted, whole	
USSR	1.25	
	Salted, gutted, head on	
USSR	1.37	
	Salted, ungutted, head off	
USSR	1.76	
<u>1,48(04)005,01</u> <u>Ling</u> <i>Molva molva</i>		
	Gutted, head on	
Belgium	1.18	
Denmark	1.18	
Faeroe Islands	1.11	
France	1.18	
Germany, Fed. Rep. of	1.18	
Iceland	1.25	
Netherlands	1.18	
Sweden	1.10	Deep-sea fisheries
Sweden	1.18	
UK (England and Wales)	1.12	
UK (Scotland)	1.20	

CODS, HAKES, HADDOCKS, ETC. (continued)

Factors used to convert landed or product weight
to live weight

Species, country	Degree of handling, Conversion factor	Remarks
<i>1,48(04)005,01</i>		
<u>Ling (concluded)</u>		
<i>Molva molva</i>		
	Gutted, head off	
Norway	1.40	
	Frozen, gutted, head on	
Germany, Fed. Rep. of	1.12	
	Frozen, gutted, head off	
Germany, Fed. Rep. of	1.40	
	Salted at sea	
Faeroe Islands	2.50	Wet-salted
Sweden	1.30	
	Fillets, frozen	
Germany, Fed. Rep. of	2.30	Skinless
<i>1,48(04)005,02</i>		
<u>Blue ling</u>		
<i>Molva dypterygia (=byrkelange)</i>		
Germany, Fed. Rep. of	1.18	
Iceland	1.25	
Norway	1.40	

CODS, HAKES, HADDOCKS, ETC. (continued)

Factors used to convert landed or product weight
to live weight

Species, country	Degree of handling, Conversion factor	Remarks
<u>1,48(04)005,02</u> <u>Blue ling (concluded)</u> <i>Molva dypterygia (=byrkelange)</i>	Frozen, gutted, head on	
Germany, Fed. Rep. of	1.12	
	Frozen, gutted, head off	
Germany, Fed. Rep. of	1.40	
	Filletts, frozen	
Germany, Fed. Rep. of	2.30	Skinless
<u>1,48(04)008,02</u> <u>Red hake</u> <i>Urophycis chuss</i>	Gutted, head off	
Poland	1.72	
	Frozen, whole	
USSR	1.00	
	Frozen, gutted, head off	
USSR	1.43	
	Filletts, frozen	
USSR	2.21	Skin on
	Salted, whole	
USSR	1.22	

CODS, HAKES, HADDOCKS, ETC. (continued)

Factors used to convert landed or product weight
to live weight

Species, country	Degree of handling, Conversion factor	Remarks
1,48(04)008,02 <u>Red hake</u> (concluded) <i>Urophycis chuss</i>		
	Salted, gutted, head on	
USSR	1.37	
	Salted, gutted, head off	
USSR	1.74	
1,48(04)008,03 <u>White hake</u> <i>Urophycis tenuis</i>		
	Gutted, head on	
Poland	1.31	
	Gutted, head off	
Poland	1.72	
United States of America	1.34	
	Fillets, frozen	
Poland	2.17	Skin on
Poland	2.44	Skinless
1,48(04)008 <u>White and red hakes</u> <i>Urophycis spp.</i>		
	Gutted, head on	
Canada	1.20	

CODS, HAKES, HADDOCKS, ETC. (continued)

Factors used to convert landed or product weight
to live weight

Species, country	Degree of handling, Conversion factor	Remarks
<i>1,48(04)008</i>		
<u>White and red hakes (concluded)</u>		
<i>Urophycis</i> spp.		
	Gutted, head off	
Canada	1.38	
	Split	
Canada	1.70	
	Green-salted	
Canada	2.70	
<i>1,48(04)010,01</i>		
<u>Haddock</u>		
<i>Melanogrammus (=Gadus) aeglefinus</i>		
	Gutted, head on	
Belgium	1.18	
Canada	1.20	
Denmark	1.18	For food
Faeroe Islands	1.11	
France	1.17	
Germany, Fed. Rep. of	1.20	
Iceland	1.25	
Ireland	1.18	
Netherlands	1.17	
Norway	1.30	
Poland	1.16	
Sweden	1.15	
UK (England and Wales)	1.20	
UK (Scotland)	1.12	
UK (Northern Ireland)	1.12	
United States of America	1.14	
	Gutted, head off	
Canada	1.38	
Poland	1.64	

CODS, HAKES, HADDOCKS, ETC. (continued)

Factors used to convert landed or product weight
to live weight

Species, country	Degree of handling, Conversion factor	Remarks
1,48(04)010,01 Haddock (continued) <i>Melanogrammus (=Gadus) aeglefinus</i>		
	Split	
Canada	1.70	
	Frozen, gutted, head on	
Germany, Fed. Rep. of	1.14	
Germany, Fed. Rep. of	1.20	Tail off
	Frozen, gutted, head off	
Germany, Fed. Rep. of	1.54	
Germany, Fed. Rep. of	1.60	Tail off
USSR	1.56	
	Salted	
Canada	2.70	Green-salted
Norway	2.24	
Portugal	3.00	Green-salted
USSR	1.85	Gutted, head off, lightly salted <u>a/</u>
USSR	1.92	Gutted, head off, medium salted <u>a/</u>
USSR	1.96	Gutted, head off, heavy salted <u>a/</u>

CODS, HAKES, HADDOCKS, ETC. (continued)

Factors used to convert landed or product weight
to live weight

Species, country	Degree of handling, Conversion factor	Remarks
<i>1,48(04)010,01</i>		
<u>Haddock (concluded)</u>		
<i>Melanogrammus (=Gadus) aeglefinus</i>		
Fillets, frozen		
Faeroe Islands	3.00	
Germany, Fed. Rep. of	2.70	Skin on
Germany, Fed. Rep. of	3.00	Skinless
Germany, Fed. Rep. of	3.37	Skinless, boneless
Poland	2.38	Skin on
Poland	2.70	Skinless
USSR	2.11	Skin on, hand processing
USSR	2.26	Skin on, automatic processing
USSR	2.23	Skinless, hand processing
USSR	2.39	Skinless, automatic processing
<i>1,48(04)015,01</i>		
<u>Saithe (= Pollock = coalfish)</u>		
<i>Pollachius virens</i>		
Gutted, head on		
Belgium	1.18	
Canada	1.20	
Denmark	1.18	
Faeroe Islands	1.11	
France	1.24	
Germany, Fed. Rep. of	1.24	
Iceland	1.25	
Ireland	1.18	
Netherlands	1.24	
Norway	1.35	
UK (England and Wales)	1.12	
UK (Scotland)	1.20	
UK (Northern Ireland)	1.12	
United States of America	1.13	
Split		
Canada	1.70	

CODS, HAKES, HADDOCKS, ETC. (continued)

Factors used to convert landed or product weight
to live weight

Species, country	Degree of handling, Conversion factor	Remarks
<i>1,48(04)015,01</i>		
<u>Saithe (= Pollock = coalfish) (continued)</u>		
<i>Pollachius virens</i>		
Gutted, head off		
Canada	1.38	
Norway	1.35	
Frozen, gutted, head on		
Germany, Fed. Rep. of	1.18	
Germany, Fed. Rep. of	1.24	Tail off
Frozen, gutted, head off		
Germany, Fed. Rep. of	1.51	
Germany, Fed. Rep. of	1.57	Tail off
USSR	1.56	
Fillets, frozen		
Faeroe Islands	3.00	
Germany, Fed. Rep. of	2.12	Skin on
Germany, Fed. Rep. of	2.43	Skinless
Germany, Fed. Rep. of	2.73	Skinless, boneless
USSR	2.11	Skin on, hand processing
USSR	2.26	Skin on, automatic processing
USSR	2.23	Skinless, hand processing
USSR	2.39	Skinless, automatic processing
Green-salted		
Canada	2.70	

CODS, HAKES, HADDOCKS, ETC. (continued)

Factors used to convert landed or product weight
to live weight

Species, country	Degree of handling, Conversion factor	Remarks
<i>1,48(04)015,01</i>		
<u>Saithe (= Pollock = coalfish) (concluded)</u>		
<i>Pollachius virens</i>		
Salted, gutted, head off		
Germany, Fed. Rep. of	2.55	Split
USSR	1.85	Lightly salted <u>a/</u>
USSR	1.92	Medium salted <u>a/</u>
USSR	1.96	Heavy salted <u>a/</u>
Filletts, salted		
Faeroe Islands	2.50	Wet-salted
Germany, Fed. Rep. of	3.77	Skin on
Germany, Fed. Rep. of	4.15	Skinless
<i>1,48(04)015,02</i>		
<u>Pollack</u>		
<i>Pollachius (=Gadus) pollachius</i>		
Belgium	1.18	
Canada	1.20	
Germany, Fed. Rep. of	1.16	
Ireland	1.18	
Netherlands	1.16	
Poland	1.14	
Sweden	1.11	
UK (England and Wales)	1.12	
UK (Scotland)	1.20	
Gutted, head off		
Canada	1.38	
Norway	1.30	
Poland	1.54	

CODS, HAKES, HADDOCKS, ETC. (continued)

Factors used to convert landed or product weight
to live weight

Species, country	Degree of handling, Conversion factor	Remarks
<u>1,48(04)015,02</u>		
<u>Pollack (concluded)</u>		
<i>Pollachius (=Gadus) pollachius</i>		
	Split	
Canada	1.70	
	Fillets, frozen	
Poland	2.17	Skin on
Poland	2.44	Skinless
	Green-salted	
Canada	2.70	
<u>1,48(04)032,02</u>		
<u>Pouting (= Bib)</u>		
<i>Trisopterus (=Gadus) luscus</i>		
	Gutted, head on	
Belgium	1.18	
France	1.21	
<u>1,48(04)034,01</u>		
<u>Whiting</u>		
<i>Merlangius (=Gadus) merlangus</i>		
	Gutted, head on	
Belgium	1.18	
Denmark	1.18	For food
France	1.21	
Germany, Fed. Rep. of	1.21	
Iceland	1.25	
Ireland	1.12	
Netherlands	1.21	
Sweden	1.08	
UK (England and Wales)	1.12	
UK (Scotland)	1.12	
UK (Northern Ireland)	1.12	

CODS, HAKES, HADDOCKS, ETC. (concluded)

Factors used to convert landed or product weight
to live weight

Species, country	Degree of handling, Conversion factor	Remarks
1,48(04)034,01 <u>Whiting (concluded)</u> <i>Merlangius (=Gadus) merlangus</i>		
	Frozen, gutted, head on	
Germany, Fed. Rep. of	1.15	
	Frozen, gutted, head off	
Germany, Fed. Rep. of	1.69	
1,49(01)001,02 <u>Roundnose grenadier</u> <i>Macrourus rupestris</i>		
	Frozen, gutted, head off	
USSR	2.11	Tails off, not dressed
1,48+1,49 <u>Gadoids and Macruroids, n.e.i.</u> <i>Gadiformes Macruriformes</i>		
	Gutted, head on	
France	1.10	
Ireland	1.10	
Netherlands	1.04	
Sweden	1.18	

a/ Salt content in fish body: Lightly-salted from 6 to 10 percent, medium-salted from 10 to 14 percent and heavy-salted more than 14 percent.

REDFISHES, BASSES, CONGERS, ETC.

Factors used to convert landed or product weight
to live weight

Species, country	Degree of handling, Conversion factor	Remarks
1,43(13)001,01 <u>Conger</u> <i>Conger conger</i>		Whole, not dressed
Belgium	1.00	
Netherlands	1.04	
		Gutted, head on
France	1.10	
UK (England and Wales)	1.12	
UK (Scotland)	1.12	
1,62(01)001,01 <u>John Dory</u> <i>Zeus faber</i>		Gutted, head on
Belgium	1.00	
UK (England and Wales)	1.12	
1,70(02) <u>Sea-basses, sea perches</u> <i>Serranidae</i>		Whole, not dressed
Netherlands	1.04	
		Gutted, head on
Canada	1.20	
France	1.10	
Poland	1.09	
		Gutted, head off
Poland	1.78	

REDFISHES, BASSES, CONGERS, ETC. (continued)

Factors used to convert landed or product weight
to live weight

Species, country	Degree of handling, Conversion factor	Remarks
1,70(16)400,02 <u>Tilefish (Blanquillo)</u> <i>Lopholatilus chamaeleonticeps</i>	Gutted, head on	
United States of America	1.09	
1,70(39)353,01 <u>Scup</u> <i>Stenotomus chrysops</i>	Frozen, whole	
USSR	1.00	
	Frozen, gutted, head off	
USSR	1.67	
1,70(39) <u>Sea breams, n.e.i.</u> Sparidae	Whole, not dressed	
Belgium	1.00	
Netherlands	1.04	
	Gutted, head on	
France	1.11	
Poland	1.11	
UK (England and Wales)	1.12	
	Gutted, head off	
Poland	1.61	

REDFISHES, BASSES, CONGERS, ETC. (continued)

Factors used to convert landed or product weight
to live weight

Species, country	Degree of handling, Conversion factor	Remarks
<u>1,70(41)007,01</u> <u>Red mullet</u> <i>Mullus surmuletus</i>		Whole, not dressed
Belgium	1.00	
France	1.04	
Netherlands	1.04	
UK (England and Wales)	1.00	
 <u>1,70(78)010,??</u> <u>Greater weever</u> <i>Trachinus draco</i>		Whole, not dressed
Belgium	1.00	
Netherlands	1.04	
 <u>1,71(02)001</u> <u>Atlantic and spotted wolffishes</u> <u>(=Catfishes)</u> <i>Anarhichas</i> spp.		Gutted, head on
Belgium	1.18	
Canada	1.20	
Greenland	1.15	
Germany, Fed. Rep. of	1.25	
Iceland	1.11	
Netherlands	1.30	
Poland	1.18	
Sweden	1.18	
UK (England and Wales)	1.12	
UK (Scotland)	1.12	
United States of America	1.20	
		Gutted, head off
Canada	1.38	
Poland	1.54	

REDFISHES, BASSES, CONGERS, ETC. (continued)

Factors used to convert landed or product weight
to live weight

Species, country	Degree of handling, Conversion factor	Remarks
<u>1,71(02)001</u>		
<u>Atlantic and spotted wolffishes</u>		
<u>(=Catfishes) (Concluded)</u>		
<i>Anarhichas</i> spp.		
Frozen, gutted, head on		
Germany, Fed. Rep. of	1.15	
Germany, Fed. Rep. of	1.25	Tail off
Frozen, gutted, head off		
Germany, Fed. Rep. of	1.69	
Germany, Fed. Rep. of	1.75	Tail off
USSR	1.48	
Salted		
USSR	1.61	Bonless, head on
USSR	2.44	Bonless, headless
Filletts, frozen		
Germany, Fed. Rep. of	2.98	Skin on
Germany, Fed. Rep. of	3.29	Skinless
Germany, Fed. Rep. of	3.51	Skinless, boneless
Poland	2.77	Skinless
USSR	2.26	Skin on
USSR	2.58	Skinless
<u>1,71(15)012,02</u>		
<u>Ocean pout</u>		
<i>Macrozoarces americanus</i>		
Frozen, whole		
USSR	1.00	
Gutted, head off		
USSR	1.50	

REDFISHES, BASSES, CONGERS, ETC. (continued)

Factors used to convert landed or product weight
to live weight

Species, country	Degree of handling, Conversion factor	Remarks
<u>1,72(04)002,01</u>		
<u>Sandeel (=Sand launce)</u> <u><i>Ammodytes lanceolatus</i></u>	Whole, not dressed	
Germany, Fed. Rep. of	1.04	
Ireland	1.04	
Netherlands	1.04	
<u>1,78(01)001,01</u>		
<u>North Atlantic redfish</u> <u><i>Sebastes marinus</i></u>	Whole, not dressed	
Belgium	1.00	
UK (England and Wales)	1.00	
	Gutted, head on	
Canada	1.20	
France	1.07	
Germany, Fed. Rep. of	1.07	
Iceland	1.06	
Netherlands	1.07	
Poland	1.11	
UK (Scotland)	1.12	
	Gutted, head off	
Germany, Fed. Rep. of	2.02	
Poland	1.82	
	Frozen, whole	
USSR	1.00	
	Frozen, gutted, head on	
Germany, Fed. Rep. of	1.00	
Germany, Fed. Rep. of	1.05	Tail off
USSR	1.13	

REDFISHES, BASSES, CONGERS, ETC. (continued)

Factors used to convert landol or product weight
to live weight

Species, country	Degree of handling, Conversion factor	Remarks
<i>1,78(01)001,01</i>		
<u>North Atlantic redfish (concluded)</u>		
<i>Sebastes marinus</i>		
Frozen, gutted, head off		
Germany, Fed. Rep. of	1.93	
Germany, Fed. Rep. of	1.98	Tail off
USSR	1.51	
Salted, gutted, head on, gills off		
USSR	1.44	Lightly-salted <u>a/</u>
USSR	1.48	Medium-salted <u>a/</u>
USSR	1.50	Heavy-salted <u>a/</u>
Salted, gutted, head off		
USSR	1.80	Lightly-salted <u>a/</u>
USSR	1.87	Medium-salted <u>a/</u>
USSR	1.90	Heavy-salted <u>a/</u>
Fillets, frozen		
Canada	3.60	
Germany, Fed. Rep. of	2.84	Skin on
Germany, Fed. Rep. of	3.00	Skinless
Germany, Fed. Rep. of	3.37	Skinless, boneless
Norway	2.89	
Poland	3.12	
Poland	3.70	Skinless
USSR	2.75	Skin on
USSR	3.13	Skinless

REDFISHES, BASSES, CONGERS, ETC. (continued)

Factors used to convert landed or product weight
to live weight

Species, country	Degree of handling, Conversion factor	Remarks
<u>1,78(02)002</u>		
<u>East Atlantic gurnards</u>		
<u>Trigla spp.</u>		
	Whole, not dressed	
Belgium	1.00	
France	1.04	
Netherlands	1.04	
	Gutted, head on	
Germany, Fed. Rep. of	1.04	
UK (England and Wales)	1.12	
UK (Scotland)	1.12	
<u>1,78(02)020</u>		
<u>West Atlantic sea robins</u>		
<u>Prionotus spp.</u>		
	Frozen, whole	
USSR	1.00	
	Frozen, gutted, head off	
USSR	2.01	
<u>1,78(20)003,01</u>		
<u>Lumpsucker (=Lumpfish)</u>		
<u>Cyclopterus lumpus</u>		
	Fresh, whole, not dressed	
Germany, Fed. Rep. of	1.00	
<u>1,95(01)001,01</u>		
<u>Anglerfish (=Monkfish)</u>		
<u>Lophius piscatorius</u>		
	Gutted, head on	
France	1.20	
UK (England and Wales)	1.12	
UK (Scotland)	1.20	

REDFISHES, BASSES, CONGERS, ETC. (concluded)

Factors used to convert landed or product weight
to live weight

Species, country	Degree of handling, Conversion factor	Remarks
<i>1,95(01)001,01</i>		
<u>Anglerfish (=Monkfish)</u> (concluded)		
<i>Lophius piscatorius</i>		
	Gutted, head off	
Belgium	2.00	
Germany, Fed. Rep. of	3.25	
Netherlands	3.00	
Poland	4.35	
Sweden	2.86	
	Frozen, gutted, head off	
Germany, Fed. Rep. of	3.25	
<u>Varius demersal percomorphs</u>		
	Gutted, head on	
France	1.10	
United States of America	1.09	

a/ Salt content in fish body: Lightly-salted from 6 to 10 percent, medium-salted from 10 to 14 percent and heavy-salted more than 14 percent.

JACKS, MULLETS, SAURIES, ETC.

Factors used to convert landed or product weight
to live weight

Species, country	Degree of handling, Conversion factor	Remarks
<u>1,47(01)001,01</u> <u>Garfish (=Needlefish)</u> <i>Belone belone</i>	Whole, not dressed	
Germany, Fed. Rep. of	1.00	
Netherlands	1.04	
<u>1,65(01)001+012</u> <u>Mullets</u> <i>Mugil spp., Liza spp.</i>	Whole, not dressed	
Netherlands	1.04	
	Gutted, head on	
France	1.10	
UK (England and Wales)	1.12	
<u>1,70(20)213,01</u> <u>Bluefish (=Tailor)</u> <i>Pomatomus (=Temnodon) saltatrix</i> <i>(=saltator)</i>	Gutted, head on	
Poland	1.11	
United States of America	1.09	
	Gutted, head off	
Poland	1.56	
<u>1,70(23)004,01</u> <u>Atlantic horse mackerel</u> <i>Trachurus trachurus</i>	Whole, not dressed	
Belgium	1.00	
France	1.04	
Germany, Fed. Rep. of	1.08	
Netherlands	1.04	
	Gutted, head on	
Poland	1.09	

JACKS, MULLETS, SAURIES, ETC. (concluded)

Factors used to convert landed or product weight
to live weight

Species, country	Degree of handling, Conversion factor	Remarks
<u>1,70(23)004,01</u>		
<u>Atlantic horse mackerel</u> (concluded)		
<u>Trachurus trachurus</u>		
		Gutted, head off
Poland	1.56	
<u>1,76(03)026,01</u>		
<u>Atlantic butterfish</u>		
<u>Poronotus triacanthus</u>		
		Frozen, whole
USSR	1.00	
		Salted, whole
USSR	1.29	

HERRINGS, SARDINES, ANCHOVIES, ETC.

Factors used to convert landed or product weight
to live weight

Species, country	Degree of handling, Conversion factor	Remarks
<u>1,21(05)001,05</u>		
<u>Atlantic herring</u>		
<i>Clupea harengus</i>		
Whole, not dressed		
Belgium	1.00	
France	1.04	
Germany, Fed. Rep. of	1.08	
Netherlands	1.04	Fresh and young
Gutted, head off		
Faeroe Islands	1.15	Salted at sea
Finland	1.33	Salted at sea
Germany, Fed. Rep. of	1.11	
Frozen, whole, head on		
Germany, Fed. Rep. of	1.00	
Frozen, gutted, head off		
Germany, Fed. Rep. of	1.54	Tail off
Salted, head on		
Germany, Fed. Rep. of	1.46	Gutted
Germany, Fed. Rep. of	1.61	Gutted, head off
Netherlands	1.36	Maatje, full, shotten
Poland	1.18	Whole
Poland	1.33	Gibbed, full
Poland	1.46	Nobbed, full
Poland	1.55	Nobbed, shotten
Salted, fillets		
Germany, Fed. Rep. of	3.50	Skin on

HERRINGS, SARDINES, ANCHOVIES, ETC. (continued)

Factors used to convert landed or product weight
to live weight

Species, country	Degree of handling, Conversion factor	Remarks
<i>1, 21(05)001, 05</i>		
<u>Atlantic herring (continued)</u>		
<i>Clupea harengus</i>		
Salted at sea		
Netherlands	1.36	Full and shotten
Netherlands	1.25	Head on
Sweden	1.25	Head on
Pickled		
Canada	2.11	Split
Canada	2.89	Dressed
Nobbed		
Poland	1.23	Full
Poland	1.31	Shotten
Filletts, frozen		
Germany, Fed. Rep. of	2.50	Skin on
Poland	2.00	Skin on
Filletts, pickled		
Canada	4.00	
Canada	4.25	Skinless
Smoked		
Canada	2.10	Kippers

HERRINGS, SARDINES, ANCHOVIES, ETC. (continued)

Factors used to convert landed or product weight
to live weight

Species, country	Degree of handling, Conversion factor	Remarks
<i>1,21(05)001,05</i>		
<u>Atlantic herring, fat</u> (continued)		
<i>Clupea harengus</i>		
Frozen, whole, gutted, head off		
USSR	1.26	
Fillets, frozen		
USSR	1.66	Skin on
Salted, ungutted		
USSR	1.13	Lightly-salted <u>a/</u>
Salted, whole		
USSR	1.16	Medium-salted <u>a/</u>
USSR	1.18	Heavy-salted <u>a/</u>
Salted, gill off		
USSR	1.25	Lightly-salted <u>a/</u>
USSR	1.28	Medium-salted <u>a/</u>
USSR	1.30	Heavy-salted <u>a/</u>
Salted, head off		
USSR	1.42	Lightly-salted <u>a/</u>
USSR	1.45	Medium-salted <u>a/</u>
USSR	1.48	Heavy-salted <u>a/</u>

HERRINGS, SARDINES, ANCHOVIES, ETC. (continued)

Factors used to convert landed or product weight
to live weight

Species, country	Degree of handling, Conversion factor	Remarks
<i>1,21(05)001,05</i>		
<u>Atlantic herring, not fat b/ (concluded)</u>		
<i>Clupea harengus</i>		
Frozen, whole		
USSR	1.01	
Gutted, head off		
USSR	1.29	
Salted, whole		
USSR	1.17	Lightly-salted <u>a/</u>
USSR	1.18	Medium-salted <u>a/</u>
USSR	1.20	Heavy-salted <u>a/</u>
Salted, head off		
USSR	1.51	Lightly-salted <u>a/</u>
USSR	1.53	Medium-salted <u>a/</u>
USSR	1.54	Heavy-salted <u>a/</u>
<i>1,21(05)064,01</i>		
<u>European pilchard (=Sardine)</u>		
<i>Sardina pilchardus</i>		
Belgium	1.00	
France	1.04	
Netherlands	1.04	

HERRINGS, SARDINES, ANCHOVIES, ETC. (concluded)

Factors used to convert landed or product weight
to live weight

Species, country	Degree of handling, Conversion factor	Remarks
<u>1,21(05)066,01</u> <u>Sprat</u> <i>Sprattus sprattus</i>	Whole, not dressed	
Belgium	1.00	
France	1.04	
Germany, Fed. Rep. of	1.04	
Netherlands	1.04	
<u>1,21(06)002,01</u> <u>North Atlantic anchovy</u> <i>Engraulis encrasicolus</i>	Whole, not dressed	
France	1.04	
Netherlands	1.04	
<u>1,21</u> <u>Clupeoids, n.e.i.</u> <u>Clupeoidei</u>	Whole, not dressed	
Belgium	1.00	
France	1.04	
Germany, Fed. Rep. of	1.08	

- a/ Salt content in fish body: Lightly-salted from 6 to 10 percent, medium-salted from 10 to 14 percent and heavy-salted more than 14 percent.
b/ Fat content of fish body is less than 12 percent.

TUNAS, BONITOS, BILLFISHES, ETC.

Factors used to convert landed or product weight
to live weight

Species, country	Degree of handling, Conversion factor	Remarks
<u>1,75(02)001,01</u> <u>Atlantic bonito (=Belted pelamid)</u> <u>Sarda sarda</u>	Gutted, head off	
Poland	1.43	
<u>1,75(04)003,01</u> <u>Broadbill swordfish</u> <u>Xiphias gladius</u>	Gutted, head off	
Canada	1.32	
United States of America	1.25	
<u>1,80(01)</u> <u>Tunas</u> <u>Thunnidae</u>	Gutted head on, fresh	
Denmark	1.33	
	Head off, fresh	
Canada	1.25	
France	1.20	
Germany, Fed. Rep. of	1.20	Gutted
Netherlands	1.20	
Norway	1.20	Gutted
Sweden	1.25	
	Head on, frozen	
Germany, Fed. Rep. of	1.11	Gutted
	Head off, frozen	
Norway	1.29	

MACKERELS, SNOEKS, CUTLASSFISHES, ETC.

Factors used to convert landed or product weight
to live weight

Species, country	Degree of handling, Conversion factor	Remarks
<i>1,75(01)002</i>		
<u>Mackerels</u>		
<i>Scomber spp.</i>		
	Whole, not dressed	
Belgium	1.00	
France	1.04	
Germany, Fed. Rep. of	1.08	
Netherlands	1.04	
	Gutted, head on	
Netherlands	1.28	
Poland	1.11	
Sweden	1.30	
USSR	1.51	
	Gutted, head off	
Poland	1.47	
	Pickled	
Canada	1.68	Split
	Frozen, whole	
USSR	1.01	
	Frozen, whole, head on	
Germany, Fed. Rep. of	1.00	
	Frozen, gutted, head on	
Germany, Fed. Rep. of	1.08	

MACKERELS, SNOEKS, CUTLASSFISHES, ETC. (continued)

Factors used to convert landed or product weight
to live weight

Species, country	Degree of handling, Conversion factor	Remarks
<i>1,75(01)002</i>		
<u>Mackerels (continued)</u>		
<i>Scomber spp.</i>		
Frozen, gutted, head off		
Germany, Fed. Rep. of	1.11	
Salted, whole		
USSR	1.12	Lightly-salted <u>a/</u>
USSR	1.15	Medium-salted <u>a/</u>
USSR	1.19	Heavy-salted <u>a/</u>
Salted, gutted, head on		
USSR	1.25	Lightly-salted <u>a/</u>
USSR	1.28	Medium-salted <u>a/</u>
USSR	1.32	Heavy-salted <u>a/</u>
Salted, gutted, head off		
USSR	1.69	Lightly-salted <u>a/</u>
USSR	1.73	Medium-salted <u>a/</u>
Fillets, frozen		
Germany, Fed. Rep. of	2.00	Skin on
Poland	1.96	Skin on
USSR	1.86	Skin on
Fillets, pickled		
Canada	2.25	

MACKERELS, SNOEKS, CUTLASSFISHES, ETC. (concluded)

Factors used to convert landed or product weight
to live weight

Species, country	Degree of handling, Conversion factor	Remarks
<u>1,75(01)002</u>		
<u>Mackerels (concluded)</u>		
<i>Scomber</i> spp.		
	Nobbed	
Poland	1.54	
<u>Various mackerel-like fishes</u>		
	Whole, not dressed	
France	1.04	

a/ Salt content in fish body: Lightly-salted from 6 to 10 percent, medium-salted from 10 to 14 percent and heavy-salted more than 14 percent.

SHARKS, RAYS, CHIMAERAS, ETC.

Factors used to convert landed or product weight
to live weight

Species, country	Degree of handling, Conversion factor	Remarks
<i>1,07(03)001,02</i>		
<u>Porbeagle</u>		
<i>Lamna nasus (= cornubica)</i>		
Belgium	1.00	
		Gutted, head on
Germany, Red. Rep. of	1.33	
UK (Scotland)	1.12	
		Gutted, head off
Denmark	1.33	
Iceland	1.25	
		Frozen
Faeroe Islands	1.11	
Germany, Fed. Rep. of	1.26	Gutted, head on
Norway	1.30	Gutted, head off
<i>1,09(01)007,04</i>		
<u>Picked dogfish</u>		
<i>Squalus acanthias</i>		
Belgium	1.00	
Netherlands	1.04	
		Gutted, head off
Denmark	1.33	
Germany, Fed. Rep. of	1.33	
		Frozen, gutted, head on
Germany, Fed. Rep. of	1.26	

SHARKS, RAYS, CHIMAERAS, ETC. (continued)

Factors used to convert landed or product weight
to live weight

Species, country	Degree of handling, Conversion factor	Remarks
<i>1,09(01)007,04</i>		
<u>Picked dogfish (concluded)</u>		
<u><i>Squalus acanthias</i></u>		
Fillets, frozen		
Germany, Fed. Rep. of	2.59	Skin on
<i>1,09(01)</i>		
<u>Dogfish sharks</u>		
<u>Squalidae</u>		
Whole, not dressed		
Belgium	1.00	
Netherlands	1.04	
Gutted, head on		
Belgium	1.11	
Iceland	1.11	
Norway	1.10	
UK (England and Wales)	1.12	
UK (Scotland)	1.12	
Gutted, head off		
France	1.33	
Germany, Fed. Rep. of	1.33	
Iceland	1.25	
Sweden	1.25	
United States of America	1.20	
Gutted, frozen, head off		
Norway	1.30	
Fillets, frozen		
Germany, Fed. Rep. of	2.59	Skin on

SHARKS, RAYS, CHIMAERAS, ETC. (continued)

Factors used to convert landed or product weight
to live weight

Species, country	Degree of handling, Conversion factor	Remarks
<u>1,10(04) 001</u> <u>Skates</u>		
<i>Raja</i> spp.	Whole, not dressed	
Belgium	1.00	
	Gutted, head on	
Germany, Fed. Rep. of	1.21	
Iceland	1.11	
Iceland	2.22	Wings
Ireland	1.15	
Netherlands	1.21	
UK (England and Wales)	1.12	
UK (Scotland)	1.20	
	Gutted, head off	
Canada	4.00	Wings
Denmark	1.33	
Sweden	1.63	
<u>1,10</u> <u>Rays</u>		
Rajiformes	Whole, not dressed	
Belgium	1.00	
	Gutted, head on	
Belgium	1.18	
France	1.21	
Germany, Fed. Rep. of	1.21	
Ireland	1.15	
Netherlands	1.21	
UK (England and Wales)	1.12	

SHARKS, RAYS, CHIMAERAS, ETC. (concluded)

Factors used to convert landed or product weight
to live weight

Species, country	Degree of handling, Conversion factor	Remarks
<u>1,10</u> <u>Rays (concluded)</u> Rajiformes		
	Gutted, head off	
Denmark	1.33	
Sweden	1.63	

Crustaceans

Crustacés

Crustáceos

SEA-SPIDERS, CRABS, ETC.

Factors used to convert landed or product weight
to live weight

Species, country	Degree of handling, Conversion factor	Remarks
<u>Σ, 29(09)010, 06</u> Edible crab <i>Cancer pagurus</i>	Cooked and dressed	
Belgium	1.04	

SQUAT-LOBSTERS, NEPHROPS, ETC.

Factors used to convert landed or product weight
to live weight

Species, country	Degree of handling, Conversion factor	Remarks
<i>2,29(02)006,02</i> <u>Norway lobster</u> <i>Nephrops norvegicus</i>	Whole, not dressed	
Belgium	1.00	
France	1.05	
Germany, Fed. Rep. of	1.00	
	Frozen, tails	
France	2.50	
Iceland	3.25	

SHRIMPS, PRAWNS, ETC.

Factors used to convert landed or product weight
to live weight

Species, country	Degree of handling, Conversion factor	Remarks
<u>2,28(06)003,03</u> <u>Common shrimp</u> <u>Crangon vulgaris</u>	Cooked	
Belgium	1.25	
France	1.18	
Germany, Fed. Rep. of	1.18	For food
Netherlands	1.18	For food and for meal
 <u>2,28</u> <u>Prawns and shrimps</u> <u>Natantia</u>	 Cooked	
France	1.18	
Sweden	1.15	

MISCELLANEOUS MARINE CRUSTACEANS

Factors used to convert landed or product weight
to live weight

Species, country	Degree of handling, Conversion factor	Remarks
<i>2,00</i> <u>Miscellaneous marine crustaceans</u> Crustacea	1.18	

Molluscs

Mollusques

Moluscos

ABALONES, WINKLES, CONCHS, ETC.

Factors used to convert landed or product weight
to live weight

Species, country	Degree of handling, Conversion factor	Remarks
<u>3,09(09)003+3,10(16)002</u> <u>Conchs</u> <i>Busycon</i> spp., <i>Strombus</i> spp.	Shucked	
United States of America	3.14	
<u>3,10(03)001,01</u> <u>Periwinkle</u> <i>Littorina littorea</i>	Shucked	
United States of America	4.17	

OYSTERS

Factors used to convert landed or product weight
to live weight

Species, country	Degree of handling, Conversion factor	Remarks
<u>3,16(07)002,05</u> <u>European flat oyster</u> <i>Ostrea edulis</i>	Unshucked	
France	1.00	
Germany, Fed. Rep. of	1.00	
<u>3,16(07)008,03</u> <u>American cupped oyster</u> <i>Crassostrea virginica</i>	Shucked	
Canada	8.00	
United States of America	15.08	

MUSSELS

Factors used to convert landed or product weight
to live weight

Species, country	Degree of handling, Conversion factor	Remarks
<u>3,16(10)001,05</u> <u>Blue mussel</u> <i>Mytilus edulis</i>	Unshucked	
France	1.00	
Germany, Fed. Rep. of	1.00	
	Cleaned	
Netherlands	1.15	
	Shucked	
Germany, Fed. Rep. of	5.00	
United States of America	5.86	

SCALLOPS, PECTENS, ETC.

Factors used to convert landed or product weight
to live weight

Species, country	Degree of handling, Conversion factor	Remarks
<i>3,16(08)003</i> <u>Scallops</u> <i>Pecten spp.</i>	Shucked	
Canada	8.30	
United States of America	8.33	Sea scallop
United States of America	8.24	Bay scallop

CLAMS, COCKLES, ARKHELLS, ETC.

Factors used to convert landed or product weight
to live weight

Species, country	Degree of handling, Conversion factor	Remarks
3,17(04)045,01 <u>Ocean quahog</u> <i>Arctica islandica</i> United States of America	Shucked 8.00	
3,17(10)020,01 <u>Surf clam</u> <i>Spisula solidissima</i> Canada United States of America	Shucked 5.50 5.24	
3,17(11)075,01 <u>Hard clam</u> <i>Mercenaria mercenaria</i> United States of America	Shucked 7.51	
3,17(16)005,02 <u>Razor clam</u> <i>Ensis directus</i> United States of America	Shucked 2.81	
3,17(17)006,01 <u>Soft clam</u> <i>Mya arenaria</i> Canada United States of America	Shucked 5.50 4.90	

SQUIDS, CUTLEFISHES, OCTOPUSES, ETC.

Factors used to convert landed or product weight
to live weight

Species, country	Degree of handling, Conversion factor	Remarks
<u>3,21(04)+(05)</u> <u>Squids, n.e.i.</u> Loliginidae, Ommastrephidae	Unshucked	
Belgium	1.00	
	Dried	
Canada	4.00	

