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WFA NET WEIGHTS AND CONVERSION FACTORS FOR FISHERY PRODUCTS SUMMARIZED

The fishery commodities listed in Sections A and B of the War Food Administration's booklets on Conversion Factors and Weights and Measures for Agricultural Commodities and Their Products are included in the following tabulations. Section A, Conversion Factors, is composed primarily of factors used to convert food supplies and requirements into the units used in making allocations. These were developed by the Statistics Division of Requirements and Allocations Control from various sources throughout the WFA, particularly the commodity branches of FDA. Section B, Net Content Weights of Specified Containers, was developed by the Transportation and Warehousing Branch and represents the packaging and net weights of commodities as approved by the commodity branch responsible for their procurement.

Table 1--Relations Between Various Specification Weights[a]

Specification	Factors for converting to: Round weight[b]	Reported weight[c]	Dressed weight	Edible weight
	1	2	3	4
FRESH AND FROZEN FISH:				
Not packaged				
Fresh fish, domestic production:				
Round weight	1.00	1.00	.70	.50
Dressed weight	1.428	-	1.00	.714
Edible weight	2.00	-	1.40	1.00
Frozen fish, domestic production and imports, fresh and frozen:				
Round weight	1.00	.85	.70	.50
Reported weight	1.176	1.00	.823	.588
Dressed weight	-	1.214	1.00	.714
Edible weight	-	1.70	1.40	1.00
Packaged				
Round weight	1.00	.35	-	.35
Packaged weight	2.857	1.00	-	1.00
SHELLFISH, FRESH AND FROZEN:				
Not packaged shrimp, crab, lobster, abalone, squid, etc.:				
Reported weight	-	1.00	-	.41
Edible weight	-	2.439	-	1.00
Packaged, including fresh shucked oysters, clams, scallops, mussels, etc.:				
Reported weight	-	1.00	-	1.00
CURED FISH, ALL TYPES[d]:				
Round weight	1.00	.667	-	.50
Reported weight (cured weight)	1.50	1.00	-	.75
Edible weight	2.00	1.333	-	1.00

a/ Factors are for specified groups and are not applicable to individual species.
b/ Weight of fish as removed from water.
c/ Production and imports as reported to the Fish and Wildlife Service of the Dept. of the Interior and the U. S. Tariff Commission.
d/ Rough approximations.

Table 2--Net Content Weight Per Gallon of Specified Shellfish

Commodity	Lbs. per gal.	Commodity	Lbs. per gal.
Clams	8.5	Scallops	9.0
Oysters	8.5	Shrimp, fresh cooked	5.0

Table 3--Miscellaneous Factors

1 pound of dry-salted, cod, haddock, hake, pollock, or cusk is equivalent to the following:

1.75 pounds green-salted, wet-salted, pickled, or kench-cured
1.50 pounds semi-dried
1.00 pounds pickled, filleted, "boneless", or "absolutely boneless"

Note: This leaflet supersedes Sep. 75, a reprint from Fishery Market News, August 1944, pages 21-23.

Vitamins Table 4--Factors Relating to Vitamin A (fish-liver oil[a])

Type	USP units per gram	Average	USP units per pound[b]
	1	2	3
Low potency oil	50,000-200,000	100,000	45,360,000
High potency oil	200,000 and over	200,000	90,720,000

a/ Density 91.5-93.5, average 92.5.
b/ To obtain, multiply units per gram by 453.6.

Appendix Table 4--Factors for Obtaining Retail Weights[a] from Weights at which Allocations are Made

Commodity	Allocation weight specification	Factor
	1	2
Fish:		
Fresh and frozen fish	Edible weight	c/1.00
Shellfish, fresh and frozen	Edible weight	1.00
Cured fish	Cured weight	1.00

a/ Factors used for evaluating nutrients.
c/ Factor for obtaining edible weight from dressed weight is .50. Factor for obtaining dressed weight from round weight is .70.

Net Content Weights of Specified Containers--Special Commodities Branch (Cont.)

Commodity	Size and/or type of container	Net weight in pounds
	1	2
Fish, Cured - Dry Salt, Pickled and Smoked		
	Half drum	64
	Drum	128
Cusk, Dry Salt	Drum	112
Codfish, Dry Salt	Box	100
Haddock, Dry Salt	Box	112
Hake, Dry Salt	Barrel	224
Shark, Fillets, Dry Salt	Half barrel	112
	Half cask	224
	Cask	448
	Tierce	300
Alewives, Salted Pickled	Barrel	200
	Barrel	250
Alewives, Smoked	Box	18
Blue Runners, Salted	Barrel	250
	Barrel	300
Bonito Fillets, Salted Pickled	Box (Approx.)	430
Cod Fillets, Pickled, Skin on:		
Large	Barrel	240
Medium	Barrel	250
Small	Barrel	260
Codfish, Boneless, Salted	Case	30
Haddies, Smoked Finnan	Case	50
Herring, Brined Split	Barrel	200
	Barrel	225
Herring, Smoked Bloater	Box	18
Mullet, Pickled	Barrel	300
Pilchards, Salted	Kit	45
	Barrel	125
Salmon, Pickled	Barrel	200
MISCELLANEOUS PRODUCTS		
Feeding Oil	55-gal. drum	412.5
	54-gal. drum	405
Fish Meal	100-lb. bag	100
VITAMIN PRODUCTS		
Fish Liver Oil (Vitamin A Conc.)	Indicate in U.S.P. millions of units	
Fish Liver Oil (Vitamin A and D)	Indicate in U.S.P. millions of units, broken down as to "A" and "D", 7.5 lbs. to 7.7 lbs. per gallon depending on potency.	
Fish Oil (Fats and Oils Branch)	Tank car	Approx. 60,000

Net Content Weights of Specified Containers--Special Commodities Branch

Commodity	Size and/or type of container	Net weight: Per can in oz.	Net weight: Per case in lbs.
	1	2	
Fish and Sea Food, Canned			
Bonito, Tuna, and Yellowtail:			
Flaked or Grated	48/½'s or 307x113	6	18
	48/½'s or 307x113	6½	19.5
	48/1's or 401x206	12	36
Standard and Fancy	48/½'s or 307x113	7	21
	48/1's or 401x206	13	39
	48/¼'s or 211x109	3½	10.5
Clams, Canned	48/½'s	7	21
	48/1's picnic	10½	31.5
Flaked Fish, Canned	24/1's or 300x407	14	21
	48/1's or 300x407	15	45
	48/1's or 300x407	14	42
	48/1-lb.	16	48
Ground Fish, Canned:			
Garfish	48/1's or 300x407	14	42
Menhaden	48/1's or 300x407	15	45
Trash (Spots, Whiting, Trouts)			
Menhaden	24/2's	20	30
Pilchards	6/10's or 603x407	104	39
Herring, Canned:			
Round or Oval Cans	24/1's or 300x407	14	21
	24/1's or 300x407	15	22.5
	24/95's	17	25.5
	24/18-oz.	18	27
	48/1's or 300x407	14	42
	48/1's or 300x407	15	45
Canned Kippered	100/¼'s	3½	20.3125
	48/¼'s	3¼	9.75
	12/12-oz.	12	9
Mackerel, Canned (East or West Coast)	24/1's or 300	14	21
	24/1's or 300	15	22.5
	24/1's or 300	16	24
	48/1's or 300	14	42
	48/1's or 300	15	45
	48/1's or 300	16	48
Miscellaneous Canned Fish:			
Cod Fish Cakes	12/10-oz.	10	7.5
Salt Mackerel Fillets	12/12-oz.	12	9
Menhaden	48/1's or 300x407	15	45
Squid	48/1's or 300x407	15	45
Oysters	48/1's picnic	10½	31.5
Pilchards, Canned	100/5-oz.	5	31.25
	96/½'s buffet or oblong	8	48
	48/1's tall or 300	15	45
	48/1's oval	15	45
Salmon, Canned (Alaska):			
Columbia River and Puget Sound	48/¼-lb. flat or oval	3¾	11.25
	96/¼-lb. flat or oval	3¾	22.5
Puget Sound	48/½-lb. flat or oval	7½	22.5
Columbia River	48/½-lb. flat or oval	7¾	23.25
Alaska	48/½-lb. flat	8	24
Continental U. S.	48/1's tall or oval	16	48
Alaska	48/1's tall or flat	16	48
Continental U. S.	48/1's flat	15½	46.5
Sardines, Canned	100/¼'s	3¼	20.3125
	100/¼'s	3½	21.875
	48/¾'s	9	27
	48/¾'s	10	30
	48/½'s oblong	8	24
	24/300x407	14	21
	24/300x407	15	22.5
	48/1's oval	15	45
Sardines, Canned (Fillets)	48/½'s oblong	8	24
Shrimp, Canned - Wet Pack	48/1's picnic	7	21
Shrimp, Canned - Dry Pack	48/1's picnic	6½	19.5