

Global Recommendations for EPA and DHA Intake

Country/Region	Organization	Org. Type	Target Population	Recommendation
Global	World Health	Authoritative	General adult	n-3 PUFAs: 1-2% of
	Organization ¹	Body	population	energy / day
	International	Expert	General adult	■ DHA+EPA: 0.65
	Society for the	Scientific	population	g/2000kcal/day
	Study of Fats and	Organization		■ DHA at least 0.22
	Lipids (ISSFAL) ²			g/2000kcal/day
				■ EPA at least 0.22
				g/2000kcal/day
			Pregnant/nursing women	■ DHA: 300 mg/day
	NATO Workshop	Expert	General Adult	800mg EPA/DHA
	on w-3 and w-6	Scientific	Population	per day
	Fatty Acids ²²	Organization		
	World Association	Expert	Pregnant and	200mg DHA per
	of Perinatal	Scientific	Lactating Women	day
	Medicine ²⁹	Organization		
	World	Expert	General Adult	3-5 fish servings
	Gastroenterology	Scientific	Population	per week to get
	Organization ²⁴	Organization		EPA and DHA
Australia	National Heart	Expert	General adult	■ 500mg EPA/DHA
	Foundation of	Scientific	population	per day, obtained
	Australia ³	Organization		through fish, fish
				oil supplements,
				or enriched foods
				for prevention of heart disease
			Patients with	■ 1000mg EPA/DHA
			documented CHD	per day, obtained
			documented crib	through fish, fish
				oil supplements,
				or enriched foods
				for prevention of
				heart disease
			Patients with	■ 1200mg of
			hypertriglyceridemia	EPA/DHA from fish
				oil capsules and
				enriched foods as
				first-line therapy
				Raised to 4000mg
				of EPA/DHA per
				day, as needed.
	Australian & New	Authoritative	Infants (0-12 mo)	■ 0.5 g n-3
	Zealand Health	Bodies		polyunsatuared
	Authorities			fats/day adequate



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	(Department of			intake
	Health & Ageing, National Health & Medical Research Council) ²⁸		Boys & Girls (1-3 yrs)	■ 40 mg total LC n-3 (DHA+EPA+DPA) / day adequate
	Councily		Boys & Girls (4-8 yrs)	intake 55 mg total LC n-3 (DHA+EPA+DPA) / day adequate intake
			Boys & Girls (9-13 yrs)	 70 mg total LC n-3 (DHA+EPA+DPA) / day adequate intake
			Boys (14-18 yrs)	125 mg total LC n- 3 (DHA+EPA+DPA)/ day adequate intake
			Girls (14-18 yrs)	 85 mg total LC n-3 (DHA+EPA+DPA) / day adequate intake
			Men (19+ yrs)	 160 mg total LC n- 3 (DHA+EPA+DPA) per day adequate intake
			Women (19+ yrs)	 90 mg total LC n-3 (DHA+EPA+DPA) / day adequate intake
			Pregnancy (14 -18 yrs)	110 mg total LC n- 3 (DHA+EPA+DPA) / day
			Pregnancy (19-50 yrs)	115 mg total LC n- 3 (DHA+EPA+DPA) / day
			Lactating - (14-18 yrs)	■ 140 mg LC n-3 (DHA+EPA+DPA) / day
			Lactating - (19-50 yrs)	■ 145 mg LC n-3 (DHA+EPA+DPA) / day
			Men	610mg LC n-3 (DHA+EPA+DPA) / day dietary target
			Women	430mg LC n-3 (DHA+EPA+DPA) /



Country/Region	Organization	Org. Type	Target Population	Recommendation
				day dietary target
	Defence Science and Technology Organisation, Department of Defence ³⁴	Authoritiative Body	Male soldiers	610mgEPA+DPA+DHA .day
			Female soldiers	430mg EPA+DPA+DHA . day
Austria	Austrian Society for Nutrition ³³	Expert Scientific Organization	General adult population	 250mg LCPUFA / day for primary prevention of CVD
			General adult population	 0.5% of energy total n-3 PUFA intake
			CHD Patients	 1g LCPUFA / day for secondary prevention of CVD
			Pregnant & nursing women	At least 200mgDHA / day
Belgium	Belgian Superior Health Council ²⁰	Authoritative Body	Pregnant & nursing women	250mg DHA / day
			General adult population	Two servings of fatty fish
			CHD Patients	 1g EPA/DHA per day from capsules
Canada	Health and Welfare, Canada ⁴	Authoritative Body	General adult population	 1.1-1.6 g/day total n-3 PUFAs (ALA, EPA, DHA)
	Dieticians of Canada ²³	Expert Scientific Organization	General adult population	 500mg long-chain PUFAs/day
Europe	Expert Workshop of the European Academy of Nutritional Sciences ⁵	Expert Scientific Organization	General Adult Population	People who do not eat fish should consider consuming marine n-3 PUFA equivalent to the amount obtained from fatty fish, namely 200 mg EPA + DHA daily
	European Food Safety Agency ²⁵	Authoritative Body	General Adult Population Pregnant & Lactating Women	 250mg EPA+DHA per day 100-200mg DHA per day in addition to normal adult
				requirements



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			Children 7-24	■ 100mg DHA per
			months	day
			Children 2-18 years	250mg EPA+DHA per day
	The PeriLip and	Expert	Pregnant &	200mg DHA/day
	EARNEST projects	Scientific	Lactating Women	
	of the European	Organization		
- France	Commission ³¹	A the emitentia	Cananal Adult	- Conord Nutrition
France	AFFSA ²¹	Authoritative Body	General Adult Population	 General Nutrition 250mg DHA per day (previously 120mg) 250mg EPA per day 500mg EPA+DHA per day 500mg per day for metabolic disease risk reduction 500-750mg per day for cardiovascular disease risk reduction 500mg per day for breast and colon cancer risk reduction 500mg per day for breast and colon cancer risk reduction >200-300mg per day for neuropsychiatric risk reduction 500mg per day for AMD risk reduction
			Infants (0-6 months)	0.32% of fats from DHA
			Infants & Toddlers	EPA<dha< li="">70mg DHA per day</dha<>
			(6 months to 3	70mg bilA pel udy
			years)	■ 125mg DHA ner
			Children (3-9 years)	125mg DHA per day250mg EPA+DHA per day
	l	L	1	perday



Country/Region	Organization	Org. Type	Target Population	Recommendation
			Adolescents (9 to 18 years)	250mg DHA per day500mg EPA+DHA per day
			Pregnant & Nursing Women	250mg DHA per day500mg EPA+DHA per day
Germany	German Society for Nutrition ³³	Expert Scientific Organization	General adult population	 250mg LCPUFA / day for primary prevention of CVD
			General adult population	0.5% of energy total n-3 PUFA intake
			CHD Patients	 1g LCPUFA / day for secondary prevention of CVD
			Pregnant & nursing women	At least 200mg DHA / day
Japan	Ministry of Health, Labor and	Authoritative Body	General adult population ⁶	n-6:n-3 PUFAs: 4:1
	Welfare		Infants (0-5 months) – boys and girls ²⁶	0.9g total omega-3 per day
			Infants (6-11 months)- boys and girls ²⁶	1.0g total omega-3 per day
			Toddlers (1-2 years) – Boys ²⁶	1.1g total omega-3 per day
			Toddlers (1-2 years) – Girls ²⁶	■ 1.0g total omega-3 per day
			Children (3-5 years) – Boys and Girls ²⁶	■ 1.5g total omega-3 per day
			Children (6-7 years) – Boys and Girls ²⁶	■ 1.6g total omega-3 per day
			Children (8-9 years) – Boys ²⁶	■ 1.9g total omega-3 per day
			Children (8-9 years) – Girls ²⁶	2.0g total omega-3 per day
			Children (10-11 years) – Boys and Girls ²⁶	2.1g total omega-3 per day
			Children (12-14 years) – Boys ²⁶	2.6g total omega-3 per day
			Children (12-14 years) – Girls ²⁶	2.1g total omega-3 per day
			Children (15-17	2.8g total omega-3



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			years) – Boys ²⁶	per day
			Children (15-17	2.3g total omega-3
			years) – Girls ²⁶	per day
			Adults (18-49 years) – Men ²⁶	2.6g total omega-3 per day
			Adults (18-49 years) – Women ²⁶	2.2g total omega-3 per day
			Adults (50-69 years) – Men ²⁶	2.9g total omega-3 per day
			Adults (50-69 years) - Women ²⁶	2.5g total omega-3 per day
			Adults (Over 70 years) - Men ²⁶	2.2g total omega-3 per day
			Adults (Over 70	2.0g total omega-3
			years) - Women ²⁶	per day
			Pregnant Women ²⁶	2.1g total omega-3 per day
			Nursing Women ²⁶	 2.4g total omega-3 per day
Netherlands	Health Council of the Netherlands	Authoritative Body	Children 0-5 months	Total n-3 PUFAs:80 mg/kg/dayDHA: 20mg/kg/day
			Adults	 Total n-3 PUFAs: 1% of energy⁷ DHA: 150-200 mg/day⁷ n-3 fatty acids from fish: 450mg/day²⁷
Scandinavia	Nordic Council of Ministers ⁸	Authoritative Body	Adults and children over 3 yrs	 EPA+DHA: 450mg/day Total n-3 PUFAS: 1.0% of energy per day
Switzerland	Swiss Society for Nutrition Research / Swiss Nutrition Association ³³	Expert Scientific Organization	General adult population	 250mg LCPUFA / day for primary prevention of CVD
			General adult population	0.5% of energy total n-3 PUFA intake
			CHD Patients	1g LCPUFA / day for secondary prevention of CVD
			Pregnant & nursing women	At least 200mg DHA / day



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United Kingdom	British Nutrition Foundation ⁹	Expert Scientific Organization	Adults, 19-50 yrs	 one to two portions of oil-rich fish per week, which will provide around 2-3g of the very long chain n-3 fatty acids weekly intake of 1.5g of EPA + DHA
	Committee on the Medical Aspects of Food and Nutrition Policy (COMA) ¹⁰	Authoritative Body	Adults	 at least two portions of fish, of which one should be oily weekly n-3 PUFAs: > 0.2 g/day
	Scientific Advisory Committee on Nutrition ¹¹	Authoritative Body	Adults	■ weekly n-3 PUFAs ≅ 0.2 g/day
United States	Institute of Medicine ¹²	Authoritative Body	Adult men ≥ 19 yrs	ALA :1.6 g/day of which approximately 10% EPA+DHA
			Adult women ≥ 19 yrs	 ALA: 1.1 g/day of which approximately 10% EPA+DHA
	American Dietetics Association ²³	Expert Scientific Organization	General Adult Population	■ 500mg/day long- chain PUFA intake
	March of Dimes ³²	Expert Scientific Organization	Pregnant and Nursing Women	 200mg DHA from fish, fortified foods or supplements
	National Heart, Lung, and Blood Institute, National Cholesterol Education Program ¹³	Authoritative Body	Persons with CHD or multiple risk factors for CHD	Supported AHA recommendation to include fish as part of a CHD risk reduction diet. Higher dietary intakes of n-3 PUFAs are an option for reducing CHD risk
	American Heart Association ¹⁴	Expert Scientific Organization	All adults without CHD	Eat fish (particularly fatty fish) at least two times a week;



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				include oils and
				foods rich in ALA
			Patients with CHD	Consume
				approximately 1
				g/day of EPA+DHA
				preferably from
				oily fish. EPA+DHA
				supplements could
				be considered in
				consultation with
				the physician
			Patients with high	■ 2-4 g/day
			triglycerides	EPA+DHA as
				capsules under a
				physician's care
	Dietary Guidelines	Authoritative	General adult	Two servings of
	Advisory	Body	population	fatty fish per
	Committee ¹⁶			week, equivalent
				to 496mg
	0 116		0 1 1 1	EPA/DHA per day
	Council for	Expert	General adult	 Approximately
	Responsible Nutrition ¹⁷	Scientific	population	500mg/day
	Nutrition	Organization		EPA/DHA
				consumption from
				supplementation or fatty fish
				consumption
	Executive Office of	Authoritative	General population	Dietary Guidelines and
	the President ¹⁸	Body	General population	Food Guide Pyramid
	the riesident	Body		should be revised to
				emphasize the
				benefits ofincreasing
				consumption of foods
				rich in omega-3 fatty
				acids.
	Agency for	Authoritative	General adult	Fish and fish oil
	Healthcare	Body	population	supplements reduce
	Research and	<u> </u>		the risk of
	Quality ³⁰			cardiovascular disease

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