

eTable 2. Characteristics of included studies for the association between dietary n-3 PUFA and risk of prostate cancer ¹

Study	Location	Patient Characteristics					Study type	Exposure measurement	n-3 PUFA type	Exposure range	Study Quality
		Follow-up (years)	Age (years) range or mean	Number of Participants	Number of Cases	Number of Controls					
Schuurman et al. ¹⁶ 1999	Netherlands	6.3	55-69	58,279	642		Case-cohort	Diet (g/day) 150-item FFQ	EPA DHA	Highest: 0.10 g/day Reference: 0 Highest: 0.18 g/day Reference: 0.01 g/day	7
Wallström et al. ¹⁸ 2007	Sweden	11	45-73	10,564	817		prospective cohort	Diet (g/day) 168-item FFQ	ALA EPA DHA EPA+DHA Total n-3	Highest: 2.7 g/day Reference: 1.4 g/day Highest: 0.44 g/day Reference: 0.03 g/day Highest: 0.86 g/day Reference: 0.12 g/day Highest: 1.3 g/day Reference: 0.16 g/day Highest: 3.8 g/day Reference: 1.8 g/day	9
Park et al. ¹⁷ 2007	USA	8.0	>45	82,483	4,404		Prospective cohort	Diet (g/1,000 kcal) >180-item FFQ	ALA EPA DHA	Highest: 2.14 g/day Reference: 1.1 g/day Highest: 0.037 g/day Reference: 0.008 g/day Highest: 0.07 g/day Reference: 0.01 g/day	7

eTable 2. Characteristics of included studies for the association between dietary n-3 PUFA and risk of prostate cancer¹ (Continued)

									Total n-3	Highest: 2.26 g/day Reference: 1.18 g/day	
Pelser et al. ³¹ 2013	USA	9	50-71	288,268	18,934		Prospective cohort	Diet (% energy) 124-item FFQ	ALA	Highest: 0.88% Reference: 0.41%	7
									EPA	Highest: 0.036% Reference: 0.003%	
									DHA	Highest: 0.0068% Reference: 0.001%	
									DPA	Highest: 0.014% Reference: 0	
									EPA+DHA	Highest: 0.103% Reference: 0.013%	
									Total n-3	Highest: 0.95% Reference: 0.45%	
Männistö ³⁰ 2003	Finland	5-8	50-59	290,406	198	198	Nested case-control	Diet (g/day) 276-item FFQ	ALA	Highest: 2.3 g/day Reference: 1.0 g/day	6
									DHA	Highest: 0.43 g/day Reference: 0.11 g/day	
									EPA	Highest: 0.20 g/day Reference: 0.05 g/day	
Giovanucci et al. ³² 2007	USA	16	40-75	51,529	3,544		Prospective cohort	Diet (g/day) 131-item FFQ	ALA	Highest: 1.43 g/day Reference: 0.39 g/day	8

eTable 2. Characteristics of included studies for the association between dietary n-3 PUFA and risk of prostate cancer¹ (Continued)

Leitzmann et al. ³³ 2004	USA	14	40-75	47,866	2,965		Prospective	Diet (% energy) 131-item FFQ	ALA EPA DHA EPA+DHA	Highest: 0.62% Reference: 0.19% Highest: 0.033% Reference: 0.007% Highest: 0.14% Reference: 0.016% Highest: 0.249% Reference: 0.029%	8
Koralek et al ¹³ 2011	USA	5.1	55-74	29,592	1,898		Prospective cohort	Diet (g/day) 137-item FFQ	ALA	Highest: 1.75 g/day Reference: 1.38 g/day	8
Bassett et al. ²⁷ 2013	Australia	8.9	27-80	17,045	464	1,717	Case-cohort	Diet (g/day) 121-item FFQ	ALA EPA DHA DPA Total n-3	Highest: 1.28 g/day Reference: 0.79 g/day Highest: 0.19 g/day Reference: 0.04 g/day Highest: 0.33 g/day Reference: 0.07 g/day Highest: 0.07 g/day Reference: 0.009 g/day Highest: 1.75 g/day Reference: 0.99 g/day	6

¹ EPA, eicosapentaenoic acid; DHA, docosahexaenoic acid; DPA, docosapentaenoic acid; ALA, alpha-linolenic acid; FFQ, food frequency questionnaire.