

Observational results: coronary heart disease

Row	Study PMID	Study Name	Outcome	Outcome Definition	Population Type	Population	Subgroup	Cases Total/N Total (Rate %)	Followup	n3 FA
2	Amiano 2014 24360762	Spanish EPIC	CHD	Fatal and nonfatal CHD events	Healthy	Men healthy, ages 20-69	Men	481/15444 (3.11)	10.4 y	EPA+DHA
3	Amiano 2014 24360762	Spanish EPIC	CHD	Fatal and nonfatal CHD events	Healthy	Men healthy, ages 20-69	Men	481/15444 (3.11)	10.4 y	EPA+DHA
4	Amiano 2014 24360762	Spanish EPIC	CHD	Fatal and nonfatal CHD events	Healthy	Men healthy, ages 20-69	Men	481/15444 (3.11)	10.4 y	EPA+DHA
5	Amiano 2014 24360762	Spanish EPIC	CHD	Fatal and nonfatal CHD events	Healthy	Men healthy, ages 20-69	Men	481/15444 (3.11)	10.4 y	EPA+DHA
6	Amiano 2014 24360762	Spanish EPIC	CHD	Fatal and nonfatal CHD events	Healthy	Women healthy, ages 20-69	Women	128/25647 (0.5)	10.4 y	EPA+DHA
7	Amiano 2014 24360762	Spanish EPIC	CHD	Fatal and nonfatal CHD events	Healthy	Women healthy, ages 20-69	Women	128/25647 (0.5)	10.4 y	EPA+DHA
8	Amiano 2014 24360762	Spanish EPIC	CHD	Fatal and nonfatal CHD events	Healthy	Women healthy, ages 20-69	Women	128/25647 (0.5)	10.4 y	EPA+DHA
9	Amiano 2014 24360762	Spanish EPIC	CHD	Fatal and nonfatal CHD events	Healthy	Women healthy, ages 20-69	Women	128/25647 (0.5)	10.4 y	EPA+DHA
10	Amiano 2014 24360762	Spanish EPIC	CHD	Fatal and nonfatal CHD events	Healthy	Men healthy, ages 20-69	Men	481/15444 (3.11)	10.4 y	EPA
11	Amiano 2014 24360762	Spanish EPIC	CHD	Fatal and nonfatal CHD events	Healthy	Men healthy, ages 20-69	Men	481/15444 (3.11)	10.4 y	EPA
12	Amiano 2014 24360762	Spanish EPIC	CHD	Fatal and nonfatal CHD events	Healthy	Men healthy, ages 20-69	Men	481/15444 (3.11)	10.4 y	EPA
13	Amiano 2014 24360762	Spanish EPIC	CHD	Fatal and nonfatal CHD events	Healthy	Men healthy, ages 20-69	Men	481/15444 (3.11)	10.4 y	EPA
14	Amiano 2014 24360762	Spanish EPIC	CHD	Fatal and nonfatal CHD events	Healthy	Women healthy, ages 20-69	Women	128/25647 (0.5)	10.4 y	EPA
15	Amiano 2014 24360762	Spanish EPIC	CHD	Fatal and nonfatal CHD events	Healthy	Women healthy, ages 20-69	Women	128/25647 (0.5)	10.4 y	EPA
16	Amiano 2014 24360762	Spanish EPIC	CHD	Fatal and nonfatal CHD events	Healthy	Women healthy, ages 20-69	Women	128/25647 (0.5)	10.4 y	EPA
17	Amiano 2014 24360762	Spanish EPIC	CHD	Fatal and nonfatal CHD events	Healthy	Women healthy, ages 20-69	Women	128/25647 (0.5)	10.4 y	EPA
18	Amiano 2014 24360762	Spanish EPIC	CHD	Fatal and nonfatal CHD events	Healthy	Men healthy, ages 20-69	Men	481/15444 (3.11)	10.4 y	DHA
19	Amiano 2014 24360762	Spanish EPIC	CHD	Fatal and nonfatal CHD events	Healthy	Men healthy, ages 20-69	Men	481/15444 (3.11)	10.4 y	DHA
20	Amiano 2014 24360762	Spanish EPIC	CHD	Fatal and nonfatal CHD events	Healthy	Men healthy, ages 20-69	Men	481/15444 (3.11)	10.4 y	DHA
21	Amiano 2014 24360762	Spanish EPIC	CHD	Fatal and nonfatal CHD events	Healthy	Men healthy, ages 20-69	Men	481/15444 (3.11)	10.4 y	DHA
22	Amiano 2014 24360762	Spanish EPIC	CHD	Fatal and nonfatal CHD events	Healthy	Women healthy, ages 20-69	Women	128/25647 (0.5)	10.4 y	DHA
23	Amiano 2014 24360762	Spanish EPIC	CHD	Fatal and nonfatal CHD events	Healthy	Women healthy, ages 20-69	Women	128/25647 (0.5)	10.4 y	DHA
24	Amiano 2014 24360762	Spanish EPIC	CHD	Fatal and nonfatal CHD events	Healthy	Women healthy, ages 20-69	Women	128/25647 (0.5)	10.4 y	DHA
25	Amiano 2014 24360762	Spanish EPIC	CHD	Fatal and nonfatal CHD events	Healthy	Women healthy, ages 20-69	Women	128/25647 (0.5)	10.4 y	DHA
26	Ascherio 1995 7885425	Health Professional Follow-up Study	CHD	Any CHD	Healthy	Healthy 40-75 yo men without diagnosis of myocardial infarction, angina, stroke, transient ischemic attack, or peripheral arterial disease, or had undergone coronary artery surgery.	Men	1543/44895 (3.44)	6 y	EPA+DHA

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Row	Study PMID	n3 units	Quantile low	Quantile median	Quantile high	Metric	n Cases	N quantile	Person Years	Estimate	CI low	CI high	Comparison	P value
2	Amiano 2014 24360762	g/d	nd	nd	1.19	HR	nd	nd	nd	Reference group			P trend	0.2
3	Amiano 2014 24360762	g/d	1.2	nd	1.57	HR	nd	nd	nd	0.99	0.76	1.3		
4	Amiano 2014 24360762	g/d	1.58	nd	2.04	HR	nd	nd	nd	0.96	0.73	1.26		
5	Amiano 2014 24360762	g/d	2.05	nd	nd	HR	nd	nd	nd	1.23	0.94	1.59		
6	Amiano 2014 24360762	g/d	nd	nd	0.85	HR	nd	nd	nd	Reference group			P trend	0.76
7	Amiano 2014 24360762	g/d	0.86	nd	1.12	HR	nd	nd	nd	0.82	0.49	1.38		
8	Amiano 2014 24360762	g/d	1.13	nd	1.47	HR	nd	nd	nd	0.8	0.48	1.35		
9	Amiano 2014 24360762	g/d	1.48	nd	nd	HR	nd	nd	nd	0.77	0.46	1.3		
10	Amiano 2014 24360762	g/d	nd	nd	0.08	HR	nd	nd	nd	Reference group			P trend	0.57
11	Amiano 2014 24360762	g/d	0.09	nd	0.17	HR	nd	nd	nd	1.15	0.88	1.51		
12	Amiano 2014 24360762	g/d	0.18	nd	0.33	HR	nd	nd	nd	1.05	0.79	1.38		
13	Amiano 2014 24360762	g/d	0.34	nd	nd	HR	nd	nd	nd	1.18	0.9	1.56		
14	Amiano 2014 24360762	g/d	nd	nd	0.05	HR	nd	nd	nd	Reference group			P trend	0.57
15	Amiano 2014 24360762	g/d	0.06	nd	0.1	HR	nd	nd	nd	0.88	0.51	1.52		
16	Amiano 2014 24360762	g/d	0.11	nd	0.21	HR	nd	nd	nd	0.99	0.58	1.68		
17	Amiano 2014 24360762	g/d	0.22	nd	nd	HR	nd	nd	nd	0.71	0.4	1.25		
18	Amiano 2014 24360762	g/d	nd	nd	0.19	HR	nd	nd	nd	Reference group			P trend	0.5
19	Amiano 2014 24360762	g/d	0.2	nd	0.35	HR	nd	nd	nd	0.91	0.69	1.19		
20	Amiano 2014 24360762	g/d	0.36	nd	0.61	HR	nd	nd	nd	0.92	0.7	1.21		
21	Amiano 2014 24360762	g/d	0.62	nd	nd	HR	nd	nd	nd	1.08	0.83	1.42		
22	Amiano 2014 24360762	g/d	nd	nd	0.12	HR	nd	nd	nd	Reference group			P trend	0.82
23	Amiano 2014 24360762	g/d	0.31	nd	0.22	HR	nd	nd	nd	0.91	0.54	1.54		
24	Amiano 2014 24360762	g/d	0.23	nd	0.4	HR	nd	nd	nd	0.79	0.45	1.38		
25	Amiano 2014 24360762	g/d	0.41	nd	nd	HR	nd	nd	nd	0.79	0.44	1.39		
26	Ascherio 1995 7885425	g/d	0.01	nd	0.11	RR	294	9329	50499	Reference group			Q5 vs. Q1	0.09

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Row	Study PMID	Study Name	Outcome	Outcome Definition	Population Type	Population	Subgroup	Cases Total/N Total (Rate %)	Followup	n3 FA
27	Ascherio 1995 7885425	Health Professional Follow-up Study	CHD	Any CHD	Healthy	Healthy 40-75 yo men without diagnosis of myocardial infarction, angina, stroke, transient ischemic attack, or peripheral arterial disease, or had undergone coronary artery surgery.	Men	1543/44895 (3.44)	6 y	EPA+DHA
28	Ascherio 1995 7885425	Health Professional Follow-up Study	CHD	Any CHD	Healthy	Healthy 40-75 yo men without diagnosis of myocardial infarction, angina, stroke, transient ischemic attack, or peripheral arterial disease, or had undergone coronary artery surgery.	Men	1543/44895 (3.44)	6 y	EPA+DHA
29	Ascherio 1995 7885425	Health Professional Follow-up Study	CHD	Any CHD	Healthy	Healthy 40-75 yo men without diagnosis of myocardial infarction, angina, stroke, transient ischemic attack, or peripheral arterial disease, or had undergone coronary artery surgery.	Men	1543/44895 (3.44)	6 y	EPA+DHA
30	Ascherio 1995 7885425	Health Professional Follow-up Study	CHD	Any CHD	Healthy	Healthy 40-75 yo men without diagnosis of myocardial infarction, angina, stroke, transient ischemic attack, or peripheral arterial disease, or had undergone coronary artery surgery.	Men	1543/44895 (3.44)	6 y	EPA+DHA
31	Mozaffarian_2005_1563 0029	Health Professional Follow-up Study	CHD	Total CHD represents combined sudden death, other coronary heart disease deaths, and nonfatal MI.	Healthy	Healthy 40-75 yo men without diagnosis of myocardial infarction, angina, stroke, transient ischemic attack, or peripheral arterial disease, or had undergone coronary artery surgery.	Men	2306/45722 (5.04)	14y	EPA+DHA
32	Mozaffarian_2005_1563 0029	Health Professional Follow-up Study	CHD	Total CHD represents combined sudden death, other coronary heart disease deaths, and nonfatal MI.	Healthy	Healthy 40-75 yo men without diagnosis of myocardial infarction, angina, stroke, transient ischemic attack, or peripheral arterial disease, or had undergone coronary artery surgery.	Men	2306/45722 (5.04)	14y	EPA+DHA
33	Mozaffarian_2005_1563 0029	Health Professional Follow-up Study	CHD	Total CHD represents combined sudden death, other coronary heart disease deaths, and nonfatal MI.	Healthy	Healthy 40-75 yo men without diagnosis of myocardial infarction, angina, stroke, transient ischemic attack, or peripheral arterial disease, or had undergone coronary artery surgery.	Men	2306/45722 (5.04)	14y	EPA+DHA
34	Mozaffarian_2005_1563 0029	Health Professional Follow-up Study	CHD	Total CHD represents combined sudden death, other coronary heart disease deaths, and nonfatal MI.	Healthy	Healthy 40-75 yo men without diagnosis of myocardial infarction, angina, stroke, transient ischemic attack, or peripheral arterial disease, or had undergone coronary artery surgery.	Men	2306/45722 (5.04)	14y	EPA+DHA
35	Mozaffarian_2005_1563 0029	Health Professional Follow-up Study	CHD	Total CHD represents combined sudden death, other coronary heart disease deaths, and nonfatal MI.	Healthy	Healthy 40-75 yo men without diagnosis of myocardial infarction, angina, stroke, transient ischemic attack, or peripheral arterial disease, or had undergone coronary artery surgery.	Men	2306/45722 (5.04)	14y	ALA
36	Mozaffarian_2005_1563 0029	Health Professional Follow-up Study	CHD	Total CHD represents combined sudden death, other coronary heart disease deaths, and nonfatal MI.	Healthy	Healthy 40-75 yo men without diagnosis of myocardial infarction, angina, stroke, transient ischemic attack, or peripheral arterial disease, or had undergone coronary artery surgery.	Men	2306/45722 (5.04)	14y	ALA
37	Mozaffarian_2005_1563 0029	Health Professional Follow-up Study	CHD	Total CHD represents combined sudden death, other coronary heart disease deaths, and nonfatal MI.	Healthy	Healthy 40-75 yo men without diagnosis of myocardial infarction, angina, stroke, transient ischemic attack, or peripheral arterial disease, or had undergone coronary artery surgery.	Men	2306/45722 (5.04)	14y	ALA

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Row	Study PMID	n3 measure	Supplement	Adjustments	Quantile
27	Ascherio 1995 7885425	Intake	No	age, BMI, smoking habits, alcohol consumption, history of hypertension, history of diabetes, history of hypercholesterolemia, family history of myocardial infarction before 60 years of age, profession	Qt2
28	Ascherio 1995 7885425	Intake	No	age, BMI, smoking habits, alcohol consumption, history of hypertension, history of diabetes, history of hypercholesterolemia, family history of myocardial infarction before 60 years of age, profession	Qt3
29	Ascherio 1995 7885425	Intake	No	age, BMI, smoking habits, alcohol consumption, history of hypertension, history of diabetes, history of hypercholesterolemia, family history of myocardial infarction before 60 years of age, profession	Qt4
30	Ascherio 1995 7885425	Intake	No	age, BMI, smoking habits, alcohol consumption, history of hypertension, history of diabetes, history of hypercholesterolemia, family history of myocardial infarction before 60 years of age, profession	Qt5
31	Mozaffarian_2005_1563 0029	Intake	No	age (5-year categories); body mass index (quintiles); smoking (5 categories); physical activity (quintiles); history of diabetes, hypertension, or hypercholesterolemia; aspirin use; alcohol use (quintiles); and intake of protein, saturated fat, dietary fiber, monounsaturated fat, trans fatty acids, total calories, and ALA (each in quintiles).	<Median
32	Mozaffarian_2005_1563 0029	Intake	No	age (5-year categories); body mass index (quintiles); smoking (5 categories); physical activity (quintiles); history of diabetes, hypertension, or hypercholesterolemia; aspirin use; alcohol use (quintiles); and intake of protein, saturated fat, dietary fiber, monounsaturated fat, trans fatty acids, total calories, and ALA (each in quintiles).	<Median
33	Mozaffarian_2005_1563 0029	Intake	No	age (5-year categories); body mass index (quintiles); smoking (5 categories); physical activity (quintiles); history of diabetes, hypertension, or hypercholesterolemia; aspirin use; alcohol use (quintiles); and intake of protein, saturated fat, dietary fiber, monounsaturated fat, trans fatty acids, total calories, and ALA (each in quintiles).	>Median
34	Mozaffarian_2005_1563 0029	Intake	No	age (5-year categories); body mass index (quintiles); smoking (5 categories); physical activity (quintiles); history of diabetes, hypertension, or hypercholesterolemia; aspirin use; alcohol use (quintiles); and intake of protein, saturated fat, dietary fiber, monounsaturated fat, trans fatty acids, total calories, and ALA (each in quintiles).	>Median
35	Mozaffarian_2005_1563 0029	Intake	No	age (5-year categories); body mass index (quintiles); smoking (5 categories); physical activity (quintiles); history of diabetes, hypertension, or hypercholesterolemia; aspirin use; alcohol use (quintiles); and intake of protein, saturated fat, dietary fiber, monounsaturated fat, trans fatty acids, total calories, and ALA (each in quintiles).	All
36	Mozaffarian_2005_1563 0029	Intake	No	age (5-year categories); body mass index (quintiles); smoking (5 categories); physical activity (quintiles); history of diabetes, hypertension, or hypercholesterolemia; aspirin use; alcohol use (quintiles); and intake of protein, saturated fat, dietary fiber, monounsaturated fat, trans fatty acids, total calories, and ALA (each in quintiles).	<Median
37	Mozaffarian_2005_1563 0029	Intake	No	age (5-year categories); body mass index (quintiles); smoking (5 categories); physical activity (quintiles); history of diabetes, hypertension, or hypercholesterolemia; aspirin use; alcohol use (quintiles); and intake of protein, saturated fat, dietary fiber, monounsaturated fat, trans fatty acids, total calories, and ALA (each in quintiles).	<Median

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Row	Study PMID	n3 units	Quantile low	Quantile median	Quantile high	Metric	n Cases	N quantile	Person Years	Estimate	CI low	CI high	Comparison	P value
27	Ascherio 1995 7885425	g/d	0.12	nd	0.19	RR	296	9220	49902	0.98	0.83	1.15		
28	Ascherio 1995 7885425	g/d	0.2	nd	0.28	RR	295	9005	48613	0.97	0.83	1.15		
29	Ascherio 1995 7885425	g/d	0.29	nd	0.41	RR	305	8860	47722	0.99	0.84	1.17		
30	Ascherio 1995 7885425	g/d	0.42	nd	6.52	RR	353	8481	45343	1.12	0.96	1.31		
31	Mozaffarian_2005_1563 0029	mg/d	nd	n-6<11.2 g/d	250	RR	549	10982	nd	Ref			P low vs high n-6 intake	0.99
32	Mozaffarian_2005_1563 0029	mg/d	nd	n-6>11.2 g/d	250	RR	576	12129	nd	0.97	0.85	1.1	P ratio of intake of different PUFAs	>0.10
33	Mozaffarian_2005_1563 0029	mg/d	250	n-6<11.2 g/d	nd	RR	617	11880	nd	1.05	0.92	1.19		
34	Mozaffarian_2005_1563 0029	mg/d	250	n-6>11.2 g/d	nd	RR	564	10731	nd	1.02	0.89	1.16		
35	Mozaffarian_2005_1563 0029	g/d		per 1 g/d increase		HR				0.84	0.71	1	P ratio of intake of different PUFAs	>0.10
36	Mozaffarian_2005_1563 0029	mg/d	nd	n-6<11.2 g/d	1080	RR	737	14462	nd	Ref			P low vs high n-6 intake	0.71
37	Mozaffarian_2005_1563 0029	mg/d	nd	n-6>11.2 g/d	1080	RR	407	8385	nd	0.93	0.82	1.07		

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Row	Study PMID	Study Name	Outcome	Outcome Definition	Population Type	Population	Subgroup	Cases Total/N Total (Rate %)	Followup	n3 FA
38	Mozaffarian_2005_1563 0029	Health Professional Follow-up Study	CHD	Total CHD represents combined sudden death, other coronary heart disease deaths, and nonfatal MI.	Healthy	Healthy 40-75 yo men without diagnosis of myocardial infarction, angina, stroke, transient ischemic attack, or peripheral arterial disease, or had undergone coronary artery surgery.	Men	2306/45722 (5.04)	14y	ALA
39	Mozaffarian_2005_1563 0029	Health Professional Follow-up Study	CHD	Total CHD represents combined sudden death, other coronary heart disease deaths, and nonfatal MI.	Healthy	Healthy 40-75 yo men without diagnosis of myocardial infarction, angina, stroke, transient ischemic attack, or peripheral arterial disease, or had undergone coronary artery surgery.	Men	2306/45722 (5.04)	14y	ALA
40	Hu 2002 11939867	Nurses' Health Study	CHD	CHD death and nonfatal MI	Healthy	Healthy 34-59 yo female nurses	Women	1513/84688 (1.79)	16 y	EPA+DHA
41	Hu 2002 11939867	Nurses' Health Study	CHD	CHD death and nonfatal MI	Healthy	Healthy 34-59 yo female nurses	Women	1513/84688 (1.79)	16 y	EPA+DHA
42	Hu 2002 11939867	Nurses' Health Study	CHD	CHD death and nonfatal MI	Healthy	Healthy 34-59 yo female nurses	Women	1513/84688 (1.79)	16 y	EPA+DHA
43	Hu 2002 11939867	Nurses' Health Study	CHD	CHD death and nonfatal MI	Healthy	Healthy 34-59 yo female nurses	Women	1513/84688 (1.79)	16 y	EPA+DHA
44	Hu 2002 11939867	Nurses' Health Study	CHD	CHD death and nonfatal MI	Healthy	Healthy 34-59 yo female nurses	Women	1513/84688 (1.79)	16 y	EPA+DHA
45	Iso 2006 16401768	Japan Public Health Center-Based Study - Cohort I	CHD	Fatal and nonfatal CHD events	Healthy	Healthy 40-59	All	258/41578 (0.62)	11.5 y	EPA+DHA
46	Iso 2006 16401768	Japan Public Health Center-Based Study - Cohort I	CHD	Fatal and nonfatal CHD events	Healthy	Healthy 40-59	All	258/41578 (0.62)	11.5 y	EPA+DHA
47	Iso 2006 16401768	Japan Public Health Center-Based Study - Cohort I	CHD	Fatal and nonfatal CHD events	Healthy	Healthy 40-59	All	258/41578 (0.62)	11.5 y	EPA+DHA
48	Iso 2006 16401768	Japan Public Health Center-Based Study - Cohort I	CHD	Fatal and nonfatal CHD events	Healthy	Healthy 40-59	All	258/41578 (0.62)	11.5 y	EPA+DHA
49	Iso 2006 16401768	Japan Public Health Center-Based Study - Cohort I	CHD	Fatal and nonfatal CHD events	Healthy	Healthy 40-59	All	258/41578 (0.62)	11.5 y	EPA+DHA
50	Khaw 2012 22802735	EPIC Norfolk	CHD	incident CHD	Healthy	healthy	All	2434/7364 (33.05)	13 y	All n-3
51	Khaw 2012 22802735	EPIC Norfolk	CHD	incident CHD	Healthy	healthy	All	2434/7364 (33.05)	13 y	All n-3
52	Khaw 2012 22802735	EPIC Norfolk	CHD	incident CHD	Healthy	healthy	All	2434/7364 (33.05)	13 y	All n-3
53	Khaw 2012 22802735	EPIC Norfolk	CHD	incident CHD	Healthy	healthy	All	2434/7364 (33.05)	13 y	All n-3
54	Khaw 2012 22802735	EPIC Norfolk	CHD	incident CHD	Healthy	healthy	All	2434/7364 (33.05)	13 y	All n-3
55	Khaw 2012 22802735	EPIC Norfolk	CHD	incident CHD	Healthy	healthy	All	2434/7364 (33.05)	13 y	All n-3
56	Khaw 2012 22802735	EPIC Norfolk	CHD	incident CHD	Healthy	healthy	All	2434/7364 (33.05)	13 y	ALA

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Row	Study PMID	n3 measure	Supplement	Adjustments	Quantile
38	Mozaffarian_2005_1563 0029	Intake	No	age (5-year categories); body mass index (quintiles); smoking (5 categories); physical activity (quintiles); history of diabetes, hypertension, or hypercholesterolemia; aspirin use; alcohol use (quintiles); and intake of protein, saturated fat, dietary fiber, monounsaturated fat, trans fatty acids, total calories, and ALA (each in quintiles).	>Median
39	Mozaffarian_2005_1563 0029	Intake	No	age (5-year categories); body mass index (quintiles); smoking (5 categories); physical activity (quintiles); history of diabetes, hypertension, or hypercholesterolemia; aspirin use; alcohol use (quintiles); and intake of protein, saturated fat, dietary fiber, monounsaturated fat, trans fatty acids, total calories, and ALA (each in quintiles).	>Median
40	Hu 2002 11939867	Intake	no	age, time periods, smoking status (never, past, current), BMI (<22, 22-22.9, 23-24.9, 25-28.9, 29+ kg/m ²), alcohol intake (0, <5, 5-14, 15+), menopausal status and postmenopausal hormone use, vigorous to moderate activity (<1, 1-1.9, 2-3.9, 4-6.9, 7+ hours/week), number of times aspirin was used per week (<1, 1-2, 3-6, 7-14, 15+), multivitamin use (yes vs. no), vitamin E supplement use (yes vs. no), history of HTN (yes vs. no), hypercholesterolemia (yes vs. no), diabetes (yes vs. no)	Qt1
41	Hu 2002 11939867	Intake	no	age, time periods, smoking status (never, past, current), BMI (<22, 22-22.9, 23-24.9, 25-28.9, 29+ kg/m ²), alcohol intake (0, <5, 5-14, 15+), menopausal status and postmenopausal hormone use, vigorous to moderate activity (<1, 1-1.9, 2-3.9, 4-6.9, 7+ hours/week), number of times aspirin was used per week (<1, 1-2, 3-6, 7-14, 15+), multivitamin use (yes vs. no), vitamin E supplement use (yes vs. no), history of HTN (yes vs. no), hypercholesterolemia (yes vs. no), diabetes (yes vs. no)	Qt2
42	Hu 2002 11939867	Intake	no	age, time periods, smoking status (never, past, current), BMI (<22, 22-22.9, 23-24.9, 25-28.9, 29+ kg/m ²), alcohol intake (0, <5, 5-14, 15+), menopausal status and postmenopausal hormone use, vigorous to moderate activity (<1, 1-1.9, 2-3.9, 4-6.9, 7+ hours/week), number of times aspirin was used per week (<1, 1-2, 3-6, 7-14, 15+), multivitamin use (yes vs. no), vitamin E supplement use (yes vs. no), history of HTN (yes vs. no), hypercholesterolemia (yes vs. no), diabetes (yes vs. no)	Qt3
43	Hu 2002 11939867	Intake	no	age, time periods, smoking status (never, past, current), BMI (<22, 22-22.9, 23-24.9, 25-28.9, 29+ kg/m ²), alcohol intake (0, <5, 5-14, 15+), menopausal status and postmenopausal hormone use, vigorous to moderate activity (<1, 1-1.9, 2-3.9, 4-6.9, 7+ hours/week), number of times aspirin was used per week (<1, 1-2, 3-6, 7-14, 15+), multivitamin use (yes vs. no), vitamin E supplement use (yes vs. no), history of HTN (yes vs. no), hypercholesterolemia (yes vs. no), diabetes (yes vs. no)	Qt4
44	Hu 2002 11939867	Intake	no	age, time periods, smoking status (never, past, current), BMI (<22, 22-22.9, 23-24.9, 25-28.9, 29+ kg/m ²), alcohol intake (0, <5, 5-14, 15+), menopausal status and postmenopausal hormone use, vigorous to moderate activity (<1, 1-1.9, 2-3.9, 4-6.9, 7+ hours/week), number of times aspirin was used per week (<1, 1-2, 3-6, 7-14, 15+), multivitamin use (yes vs. no), vitamin E supplement use (yes vs. no), history of HTN (yes vs. no), hypercholesterolemia (yes vs. no), diabetes (yes vs. no)	Qt5
45	Iso 2006 16401768	Intake	No	age; sex; cigarette smoking; alcohol intake; body mass index; histories of hypertension and diabetes; medication use for hypercholesterolemia; education level; sports at leisure time; quintiles of dietary intake of fruits, vegetables, saturated fat, monounsaturated fat, n6 polyunsaturated fat, cholesterol, and total energy; and PHC.	Qt1
46	Iso 2006 16401768	Intake	No	age; sex; cigarette smoking; alcohol intake; body mass index; histories of hypertension and diabetes; medication use for hypercholesterolemia; education level; sports at leisure time; quintiles of dietary intake of fruits, vegetables, saturated fat, monounsaturated fat, n6 polyunsaturated fat, cholesterol, and total energy; and PHC.	Qt2
47	Iso 2006 16401768	Intake	No	age; sex; cigarette smoking; alcohol intake; body mass index; histories of hypertension and diabetes; medication use for hypercholesterolemia; education level; sports at leisure time; quintiles of dietary intake of fruits, vegetables, saturated fat, monounsaturated fat, n6 polyunsaturated fat, cholesterol, and total energy; and PHC.	Qt3
48	Iso 2006 16401768	Intake	No	age; sex; cigarette smoking; alcohol intake; body mass index; histories of hypertension and diabetes; medication use for hypercholesterolemia; education level; sports at leisure time; quintiles of dietary intake of fruits, vegetables, saturated fat, monounsaturated fat, n6 polyunsaturated fat, cholesterol, and total energy; and PHC.	Qt4
49	Iso 2006 16401768	Intake	No	age; sex; cigarette smoking; alcohol intake; body mass index; histories of hypertension and diabetes; medication use for hypercholesterolemia; education level; sports at leisure time; quintiles of dietary intake of fruits, vegetables, saturated fat, monounsaturated fat, n6 polyunsaturated fat, cholesterol, and total energy; and PHC.	Qt5
50	Khaw 2012 22802735	Blood	No	age, sex, PFA, BMI, smoking, alcohol intake, physical activity, plasma vitamin C, social class, education, diabetes, systolic blood pressure, and cholesterol	Qr1
51	Khaw 2012 22802735	Blood	No	age, sex, PFA, BMI, smoking, alcohol intake, physical activity, plasma vitamin C, social class, education, diabetes, systolic blood pressure, and cholesterol	Qr2
52	Khaw 2012 22802735	Blood	No	age, sex, PFA, BMI, smoking, alcohol intake, physical activity, plasma vitamin C, social class, education, diabetes, systolic blood pressure, and cholesterol	Qr3
53	Khaw 2012 22802735	Blood	No	age, sex, PFA, BMI, smoking, alcohol intake, physical activity, plasma vitamin C, social class, education, diabetes, systolic blood pressure, and cholesterol	Qr4
54	Khaw 2012 22802735	Blood	No	age, sex, PFA, BMI, smoking, alcohol intake, physical activity, plasma vitamin C, social class, education, diabetes, systolic blood pressure, and cholesterol	All
55	Khaw 2012 22802735	Blood	No	age, sex, other PFA, BMI, smoking, physical activity, alcohol intake, social class, education, blood pressure	All
56	Khaw 2012 22802735	Blood	No	age, sex, other PFA, BMI, smoking, physical activity, alcohol intake, social class, education, blood pressure	All

Observational results: coronary heart disease

Row	Study PMID	n3 units	Quantile low	Quantile median	Quantile high	Metric	n Cases	N quantile	Person Years	Estimate	CI low	CI high	Comparison	P value
38	Mozaffarian_2005_1563 0029	mg/d	1080	n-6<11.2 g/d	nd	RR	429	8400	nd	0.88	0.78	0.99		
39	Mozaffarian_2005_1563 0029	mg/d	1080	n-6>11.2 g/d	nd	RR	733	14475	nd	0.89	0.79	0.99		
40	Hu 2002 11939867	% kcal	nd	0.03	nd	RR	261	nd	255434	Reference group			P trend	<0.001
41	Hu 2002 11939867	% kcal	nd	0.05	nd	RR	391	nd	270898	0.93	0.78	1.09		
42	Hu 2002 11939867	% kcal	nd	0.08	nd	RR	329	nd	263131	0.78	0.65	0.93		
43	Hu 2002 11939867	% kcal	nd	0.14	nd	RR	267	nd	259454	0.68	0.56	0.82		
44	Hu 2002 11939867	% kcal	nd	0.24	nd	RR	265	nd	258583	0.67	0.55	0.81		
45	Iso 2006 16401768	g/d	nd	0.3 (mean)	nd	HR	83	nd	102711	Reference group			P trend	0.18
46	Iso 2006 16401768	g/d	nd	0.6 (mean)	nd	HR	44	nd	95861	0.7	0.47	1.03		
47	Iso 2006 16401768	g/d	nd	0.9 (mean)	nd	HR	48	nd	95258	0.75	0.5	1.12		
48	Iso 2006 16401768	g/d	nd	1.3 (mean)	nd	HR	45	nd	91435	0.75	0.48	1.18		
49	Iso 2006 16401768	g/d	nd	2.1 (mean)	nd	HR	38	nd	92062	0.58	0.35	0.97		
50	Khaw 2012 22802735	Mol%	nd	mean 259 (men) 277.5 (women)	nd	OR	nd	nd	nd	Reference group				0.98
51	Khaw 2012 22802735	Mol%	nd	mean 329 (men) 340.2 (women)	nd	OR	nd	nd	nd	1.1	0.94	1.3		
52	Khaw 2012 22802735	Mol%	nd	mean 395 (men) 404.5 (women)	nd	OR	nd	nd	nd	0.9	0.77	1.05		
53	Khaw 2012 22802735	Mol%	nd	mean 498 (men) 526.4 (women)	nd	OR	nd	nd	nd	0.97	0.84	1.26		
54	Khaw 2012 22802735	Mol%	nd	per SD increase	nd	OR	nd	nd	nd	1	0.93	1.07	per SD increase	
55	Khaw 2012 22802735	mmol/L	nd	mean 377 (165.7)	nd	OR	nd	nd	nd	1.01	0.92	1.11	per SD increase	0.82
56	Khaw 2012 22802735	mmol/L	nd	mean 11.4 (6.4)	nd	OR	nd	nd	nd	0.98	0.89	1.09	per SD increase	0.7

Observational results: coronary heart disease

Row	Study PMID	Study Name	Outcome	Outcome Definition	Population Type	Population	Subgroup	Cases Total/N Total (Rate %)	Followup	n3 FA
57	Khaw 2012 22802735	EPIC Norfolk	CHD	incident CHD	Healthy	healthy	All	2434/7364 (33.05)	13 y	EPA
58	Khaw 2012 22802735	EPIC Norfolk	CHD	incident CHD	Healthy	healthy	All	2434/7364 (33.05)	13 y	DPA
59	Khaw 2012 22802735	EPIC Norfolk	CHD	incident CHD	Healthy	healthy	All	2434/7364 (33.05)	13 y	DHA
60	Fretts 2014 25159901	Cardiovascular Health Study	CHD	Total fatal and nonfatal CHD	Healthy	Healthy age >= 65y	All	426/2709 (15.7)	16y	ALA
61	Fretts 2014 25159901	Cardiovascular Health Study	CHD	Total fatal and nonfatal CHD	Healthy	Healthy age >= 65y	All	378/2583 (14.6)	12y	ALA
62	Fretts 2014 25159901	Cardiovascular Health Study	CHD	Total fatal and nonfatal CHD	Healthy	Healthy age >= 65y	All	378/2583 (14.6)	12y	ALA
63	Fretts 2014 25159901	Cardiovascular Health Study	CHD	Total fatal and nonfatal CHD	Healthy	Healthy age >= 65y	All	378/2583 (14.6)	12y	ALA
64	Fretts 2014 25159901	Cardiovascular Health Study	CHD	Total fatal and nonfatal CHD	Healthy	Healthy age >= 65y	All	426/2709 (15.7)	16y	ALA
65	Fretts 2014 25159901	Cardiovascular Health Study	CHD	Total fatal and nonfatal CHD	Healthy	Healthy age >= 65y	All	426/2709 (15.7)	16y	ALA
66	Fretts 2014 25159901	Cardiovascular Health Study	CHD	Total fatal and nonfatal CHD	Healthy	Healthy age >= 65y	All	426/2709 (15.7)	16y	ALA
67	Fretts 2014 25159901	Cardiovascular Health Study	CHD	Total fatal and nonfatal CHD	Healthy	Healthy age >= 65y	All	426/2709 (15.7)	16y	ALA
68	Fretts 2014 25159901	Cardiovascular Health Study	CHD	Total fatal and nonfatal CHD	Healthy	Healthy age >= 65y	All	378/2583 (14.6)	12y	ALA
69	Fretts 2014 25159901	Cardiovascular Health Study	CHD	Total fatal and nonfatal CHD	Healthy	Healthy age >= 65y	All	378/2583 (14.6)	12y	ALA
70	Mozaffarian 2013 23546563	Cardiovascular Health Study	CHD	Total fatal and nonfatal CHD	Healthy	Healthy age >= 65y	All	630/3941 (16)	16y	DHA
71	Mozaffarian 2013 23546563	Cardiovascular Health Study	CHD	Total fatal and nonfatal CHD	Healthy	Healthy age >= 65y	All	630/3941 (16)	16y	DHA
72	Mozaffarian 2013 23546563	Cardiovascular Health Study	CHD	Total fatal and nonfatal CHD	Healthy	Healthy age >= 65y	All	630/3941 (16)	16y	DHA
73	Mozaffarian 2013 23546563	Cardiovascular Health Study	CHD	Total fatal and nonfatal CHD	Healthy	Healthy age >= 65y	All	630/3941 (16)	16y	DHA
74	Mozaffarian 2013 23546563	Cardiovascular Health Study	CHD	Total fatal and nonfatal CHD	Healthy	Healthy age >= 65y	All	630/3941 (16)	16y	DHA
75	Mozaffarian 2013 23546563	Cardiovascular Health Study	CHD	Total fatal and nonfatal CHD	Healthy	Healthy age >= 65y	All	630/3941 (16)	16y	DPA
76	Mozaffarian 2013 23546563	Cardiovascular Health Study	CHD	Total fatal and nonfatal CHD	Healthy	Healthy age >= 65y	All	630/3941 (16)	16y	DPA
77	Mozaffarian 2013 23546563	Cardiovascular Health Study	CHD	Total fatal and nonfatal CHD	Healthy	Healthy age >= 65y	All	630/3941 (16)	16y	DPA
78	Mozaffarian 2013 23546563	Cardiovascular Health Study	CHD	Total fatal and nonfatal CHD	Healthy	Healthy age >= 65y	All	630/3941 (16)	16y	DPA

Observational results: coronary heart disease

Row	Study PMID	n3 measure	Supplement	Adjustments	Quantile
57	Khaw 2012 22802735	Blood	No	age, sex, other PFA, BMI, smoking, physical activity, alcohol intake, social class, education, blood pressure	All
58	Khaw 2012 22802735	Blood	No	age, sex, other PFA, BMI, smoking, physical activity, alcohol intake, social class, education, blood pressure	All
59	Khaw 2012 22802735	Blood	No	age, sex, other PFA, BMI, smoking, physical activity, alcohol intake, social class, education, blood pressure	All
60	Fretts 2014 25159901	Plasma	no	age, sex, race, enrolment site, education, smoking status, diabetes, BMI, waist circumference, physical activity, alcohol consumption and treated hypertension.	Q15
61	Fretts 2014 25159901	Intake	no	age, sex, race, enrolment site, education, smoking status, diabetes, BMI, waist circumference, physical activity, alcohol consumption and treated hypertension.	Q1
62	Fretts 2014 25159901	Intake	no	age, sex, race, enrolment site, education, smoking status, diabetes, BMI, waist circumference, physical activity, alcohol consumption and treated hypertension.	Q12
63	Fretts 2014 25159901	Intake	no	age, sex, race, enrolment site, education, smoking status, diabetes, BMI, waist circumference, physical activity, alcohol consumption and treated hypertension.	Q13
64	Fretts 2014 25159901	Plasma	no	age, sex, race, enrolment site, education, smoking status, diabetes, BMI, waist circumference, physical activity, alcohol consumption and treated hypertension.	Q1
65	Fretts 2014 25159901	Plasma	no	age, sex, race, enrolment site, education, smoking status, diabetes, BMI, waist circumference, physical activity, alcohol consumption and treated hypertension.	Q12
66	Fretts 2014 25159901	Plasma	no	age, sex, race, enrolment site, education, smoking status, diabetes, BMI, waist circumference, physical activity, alcohol consumption and treated hypertension.	Q13
67	Fretts 2014 25159901	Plasma	no	age, sex, race, enrolment site, education, smoking status, diabetes, BMI, waist circumference, physical activity, alcohol consumption and treated hypertension.	Q14
68	Fretts 2014 25159901	Intake	no	age, sex, race, enrolment site, education, smoking status, diabetes, BMI, waist circumference, physical activity, alcohol consumption and treated hypertension.	Q14
69	Fretts 2014 25159901	Intake	no	age, sex, race, enrolment site, education, smoking status, diabetes, BMI, waist circumference, physical activity, alcohol consumption and treated hypertension.	Q15
70	Mozaffarian 2013 23546563	Plasma	no	Adjusted for age (years), sex, race (white, nonwhite), education(<high school, high school, some college, college graduate), enrollment site (4 sites), fatty acid measurement batch (1994–96, 2007–10), smoking (never, former, current), prevalent diabetes (yes, no), prevalent atrial fibrillation (yes, no), prevalent drug-treated hypertension (yes, no), leisure-time physical activity (mcal/week), body mass index (kg/m ²), waist circumference (cm), and alcohol use (6 categories).	Q1
71	Mozaffarian 2013 23546563	Plasma	no	Adjusted for age (years), sex, race (white, nonwhite), education(<high school, high school, some college, college graduate), enrollment site (4 sites), fatty acid measurement batch (1994–96, 2007–10), smoking (never, former, current), prevalent diabetes (yes, no), prevalent atrial fibrillation (yes, no), prevalent drug-treated hypertension (yes, no), leisure-time physical activity (mcal/week), body mass index (kg/m ²), waist circumference (cm), and alcohol use (6 categories).	Q12
72	Mozaffarian 2013 23546563	Plasma	no	Adjusted for age (years), sex, race (white, nonwhite), education(<high school, high school, some college, college graduate), enrollment site (4 sites), fatty acid measurement batch (1994–96, 2007–10), smoking (never, former, current), prevalent diabetes (yes, no), prevalent atrial fibrillation (yes, no), prevalent drug-treated hypertension (yes, no), leisure-time physical activity (mcal/week), body mass index (kg/m ²), waist circumference (cm), and alcohol use (6 categories).	Q13
73	Mozaffarian 2013 23546563	Plasma	no	Adjusted for age (years), sex, race (white, nonwhite), education(<high school, high school, some college, college graduate), enrollment site (4 sites), fatty acid measurement batch (1994–96, 2007–10), smoking (never, former, current), prevalent diabetes (yes, no), prevalent atrial fibrillation (yes, no), prevalent drug-treated hypertension (yes, no), leisure-time physical activity (mcal/week), body mass index (kg/m ²), waist circumference (cm), and alcohol use (6 categories).	Q14
74	Mozaffarian 2013 23546563	Plasma	no	Adjusted for age (years), sex, race (white, nonwhite), education(<high school, high school, some college, college graduate), enrollment site (4 sites), fatty acid measurement batch (1994–96, 2007–10), smoking (never, former, current), prevalent diabetes (yes, no), prevalent atrial fibrillation (yes, no), prevalent drug-treated hypertension (yes, no), leisure-time physical activity (mcal/week), body mass index (kg/m ²), waist circumference (cm), and alcohol use (6 categories).	Q15
75	Mozaffarian 2013 23546563	Plasma	no	Adjusted for age (years), sex, race (white, nonwhite), education(<high school, high school, some college, college graduate), enrollment site (4 sites), fatty acid measurement batch (1994–96, 2007–10), smoking (never, former, current), prevalent diabetes (yes, no), prevalent atrial fibrillation (yes, no), prevalent drug-treated hypertension (yes, no), leisure-time physical activity (mcal/week), body mass index (kg/m ²), waist circumference (cm), and alcohol use (6 categories).	Q1
76	Mozaffarian 2013 23546563	Plasma	no	Adjusted for age (years), sex, race (white, nonwhite), education(<high school, high school, some college, college graduate), enrollment site (4 sites), fatty acid measurement batch (1994–96, 2007–10), smoking (never, former, current), prevalent diabetes (yes, no), prevalent atrial fibrillation (yes, no), prevalent drug-treated hypertension (yes, no), leisure-time physical activity (mcal/week), body mass index (kg/m ²), waist circumference (cm), and alcohol use (6 categories).	Q12
77	Mozaffarian 2013 23546563	Plasma	no	Adjusted for age (years), sex, race (white, nonwhite), education(<high school, high school, some college, college graduate), enrollment site (4 sites), fatty acid measurement batch (1994–96, 2007–10), smoking (never, former, current), prevalent diabetes (yes, no), prevalent atrial fibrillation (yes, no), prevalent drug-treated hypertension (yes, no), leisure-time physical activity (mcal/week), body mass index (kg/m ²), waist circumference (cm), and alcohol use (6 categories).	Q13
78	Mozaffarian 2013 23546563	Plasma	no	Adjusted for age (years), sex, race (white, nonwhite), education(<high school, high school, some college, college graduate), enrollment site (4 sites), fatty acid measurement batch (1994–96, 2007–10), smoking (never, former, current), prevalent diabetes (yes, no), prevalent atrial fibrillation (yes, no), prevalent drug-treated hypertension (yes, no), leisure-time physical activity (mcal/week), body mass index (kg/m ²), waist circumference (cm), and alcohol use (6 categories).	Q14

Observational results: coronary heart disease

Row	Study PMID	n3 units	Quantile low	Quantile median	Quantile high	Metric	n Cases	N quantile	Person Years	Estimate	CI low	CI high	Comparison	P value
57	Khaw 2012 22802735	mmol/L	nd	mean 63.1 (45.2)	nd	OR	nd	nd	nd	1	0.89	1.11	per SD increase	0.95
58	Khaw 2012 22802735	mmol/L	nd	mean65.1 (28)	nd	OR	nd	nd	nd	0.84	0.72	0.98	per SD increase	0.03
59	Khaw 2012 22802735	mmol/L	nd	mean 237.4 (106.2)	nd	OR	nd	nd	nd	0.96	0.85	1.09	per SD increase	0.56
60	Fretts 2014 25159901	% FA	0.19	0.22	0.47	HR	90	nd	6589	1.22	0.9	1.68		
61	Fretts 2014 25159901	% fat intake	0.39	1.33	1.45	HR	77	nd	4691	Reference group			P trend	0.75
62	Fretts 2014 25159901	% fat intake	1.45	1.56	1.65	HR	71	nd	4785	0.97	0.7	1.34		
63	Fretts 2014 25159901	% fat intake	1.65	1.76	1.87	HR	67	nd	4891	0.88	0.63	1.23		
64	Fretts 2014 25159901	% FA	0.05	0.09	0.11	HR	83	nd	6208	Reference group			P trend	0.16
65	Fretts 2014 25159901	% FA	0.11	0.12	0.13	HR	80	nd	5792	1.1	0.8	1.5		
66	Fretts 2014 25159901	% FA	0.13	0.14	0.15	HR	81	nd	6026	1.1	0.8	1.52		
67	Fretts 2014 25159901	% FA	0.15	0.17	0.19	HR	92	nd	6132	1.21	0.88	1.64		
68	Fretts 2014 25159901	% fat intake	1.87	2	2.17	HR	92	nd	4997	1.25	0.91	1.7		
69	Fretts 2014 25159901	% fat intake	2.17	2.44	4.88	HR	71	nd	5380	0.93	0.67	1.3		
70	Mozaffarian 2013 23546563	% FA	nd	1.95	nd	HR	nd	nd	nd	Reference group			P trend	0.01
71	Mozaffarian 2013 23546563	% FA	nd	2.44	nd	HR	nd	nd	nd	0.94	0.73	1.2		
72	Mozaffarian 2013 23546563	% FA	nd	2.87	nd	HR	nd	nd	nd	1.06	0.83	1.35		
73	Mozaffarian 2013 23546563	% FA	nd	3.36	nd	HR	nd	nd	nd	0.83	0.64	1.08		
74	Mozaffarian 2013 23546563	% FA	nd	4.34	nd	HR	nd	nd	nd	0.72	0.55	0.95		
75	Mozaffarian 2013 23546563	% FA	nd	0.63	nd	HR	nd	nd	nd	Reference group			P trend	0.28
76	Mozaffarian 2013 23546563	% FA	nd	0.75	nd	HR	nd	nd	nd	0.72	0.56	0.93		
77	Mozaffarian 2013 23546563	% FA	nd	0.82	nd	HR	nd	nd	nd	0.88	0.69	1.13		
78	Mozaffarian 2013 23546563	% FA	nd	0.91	nd	HR	nd	nd	nd	0.82	0.64	1.05		

Observational results: coronary heart disease

Row	Study PMID	Study Name	Outcome	Outcome Definition	Population Type	Population	Subgroup	Cases Total/N Total (Rate %)	Followup	n3 FA
79	Mozaffarian 2013 23546563	Cardiovascular Health Study	CHD	Total fatal and nonfatal CHD	Healthy	Healthy age >= 65y	All	630/3941 (16)	16y	DPA
80	Mozaffarian 2013 23546563	Cardiovascular Health Study	CHD	Total fatal and nonfatal CHD	Healthy	Healthy age >= 65y	All	630/3941 (16)	16y	EPA
81	Mozaffarian 2013 23546563	Cardiovascular Health Study	CHD	Total fatal and nonfatal CHD	Healthy	Healthy age >= 65y	All	630/3941 (16)	16y	EPA
82	Mozaffarian 2013 23546563	Cardiovascular Health Study	CHD	Total fatal and nonfatal CHD	Healthy	Healthy age >= 65y	All	630/3941 (16)	16y	EPA
83	Mozaffarian 2013 23546563	Cardiovascular Health Study	CHD	Total fatal and nonfatal CHD	Healthy	Healthy age >= 65y	All	630/3941 (16)	16y	EPA
84	Mozaffarian 2013 23546563	Cardiovascular Health Study	CHD	Total fatal and nonfatal CHD	Healthy	Healthy age >= 65y	All	630/3941 (16)	16y	EPA
85	Mozaffarian 2013 23546563	Cardiovascular Health Study	CHD	Total fatal and nonfatal CHD	Healthy	Healthy age >= 65y	All	630/3941 (16)	16y	All n-3
86	Mozaffarian 2013 23546563	Cardiovascular Health Study	CHD	Total fatal and nonfatal CHD	Healthy	Healthy age >= 65y	All	630/3941 (16)	16y	All n-3
87	Mozaffarian 2013 23546563	Cardiovascular Health Study	CHD	Total fatal and nonfatal CHD	Healthy	Healthy age >= 65y	All	630/3941 (16)	16y	All n-3
88	Mozaffarian 2013 23546563	Cardiovascular Health Study	CHD	Total fatal and nonfatal CHD	Healthy	Healthy age >= 65y	All	630/3941 (16)	16y	All n-3
89	Mozaffarian 2013 23546563	Cardiovascular Health Study	CHD	Total fatal and nonfatal CHD	Healthy	Healthy age >= 65y	All	630/3941 (16)	16y	All n-3
90	Pietinen 1997 9149659	Alpha-Tocopherol, Beta-Carotene Cancer Prevention	CHD	includes first nonfatal myocardial infarction and coronary death	Healthy	health smoking men aged 50-69 years	Men	1399/21930 (6.38)	6 y	ALA
91	Pietinen 1997 9149659	Alpha-Tocopherol, Beta-Carotene Cancer Prevention	CHD	includes first nonfatal myocardial infarction and coronary death	Healthy	health smoking men aged 50-69 years	Men	1399/21930 (6.38)	6 y	ALA
92	Pietinen 1997 9149659	Alpha-Tocopherol, Beta-Carotene Cancer Prevention	CHD	includes first nonfatal myocardial infarction and coronary death	Healthy	health smoking men aged 50-69 years	Men	1399/21930 (6.38)	6 y	ALA
93	Pietinen 1997 9149659	Alpha-Tocopherol, Beta-Carotene Cancer Prevention	CHD	includes first nonfatal myocardial infarction and coronary death	Healthy	health smoking men aged 50-69 years	Men	1399/21930 (6.38)	6 y	ALA
94	Pietinen 1997 9149659	Alpha-Tocopherol, Beta-Carotene Cancer Prevention	CHD	includes first nonfatal myocardial infarction and coronary death	Healthy	health smoking men aged 50-69 years	Men	1399/21930 (6.38)	6 y	ALA
95	Pietinen 1997 9149659	Alpha-Tocopherol, Beta-Carotene Cancer Prevention	CHD	includes first nonfatal myocardial infarction and coronary death	Healthy	health smoking men aged 50-69 years	Men	1399/21930 (6.38)	6 y	EPA+DHA+DPA

Observational results: coronary heart disease

Row	Study PMID	n3 units	Quantile low	Quantile median	Quantile high	Metric	n Cases	N quantile	Person Years	Estimate	CI low	CI high	Comparison	P value
79	Mozaffarian 2013 23546563	% FA	nd	1.04	nd	HR	nd	nd	nd	0.82	0.63	1.05		
80	Mozaffarian 2013 23546563	% FA	nd	0.3	nd	HR	nd	nd	nd	Reference group			P trend	0.032
81	Mozaffarian 2013 23546563	% FA	nd	0.41	nd	HR	nd	nd	nd	1.04	0.82	1.34		
82	Mozaffarian 2013 23546563	% FA	nd	0.51	nd	HR	nd	nd	nd	0.91	0.71	1.18		
83	Mozaffarian 2013 23546563	% FA	nd	0.64	nd	HR	nd	nd	nd	0.98	0.76	1.26		
84	Mozaffarian 2013 23546563	% FA	nd	0.92	nd	HR	nd	nd	nd	0.76	0.58	1		
85	Mozaffarian 2013 23546563	% FA	nd	3.17	nd	HR	nd	nd	nd	Reference group			P trend	0.009
86	Mozaffarian 2013 23546563	% FA	nd	3.72	nd	HR	nd	nd	nd	0.88	0.69	1.13		
87	Mozaffarian 2013 23546563	% FA	nd	4.21	nd	HR	nd	nd	nd	1.06	0.83	1.35		
88	Mozaffarian 2013 23546563	% FA	nd	4.8	nd	HR	nd	nd	nd	0.74	0.57	0.96		
89	Mozaffarian 2013 23546563	% FA	nd	6.04	nd	HR	nd	nd	nd	0.72	0.55	0.95		
90	Pietinen 1997 9149659	g/d	nd	0.9	nd	RR	303	nd	24808	1	nd	nd	Overall Test for trend	0.911
91	Pietinen 1997 9149659	g/d	nd	1.2	nd	RR	277	nd	24345	0.94	0.8	1.11		
92	Pietinen 1997 9149659	g/d	nd	1.5	nd	RR	280	nd	25714	0.99	0.84	1.17		
93	Pietinen 1997 9149659	g/d	nd	1.9	nd	RR	274	nd	25471	1.01	0.86	1.2		
94	Pietinen 1997 9149659	g/d	nd	2.5	nd	RR	265	nd	25632	0.96	0.8	1.14		
95	Pietinen 1997 9149659	g/d	nd	0.2	nd	RR	284	nd	25538	1	nd	nd	Overall Test for trend	0.119

Observational results: coronary heart disease

Row	Study PMID	Study Name	Outcome	Outcome Definition	Population Type	Population	Subgroup	Cases Total/N Total (Rate %)	Followup	n3 FA
96	Pietinen 1997 9149659	Alpha-Tocopherol, Beta-Carotene Cancer Prevention	CHD	includes first nonfatal myocardial infarction and coronary death	Healthy	health smoking men aged 50-69 years	Men	1399/21930 (6.38)	6 y	EPA+DHA+DPA
97	Pietinen 1997 9149659	Alpha-Tocopherol, Beta-Carotene Cancer Prevention	CHD	includes first nonfatal myocardial infarction and coronary death	Healthy	health smoking men aged 50-69 years	Men	1399/21930 (6.38)	6 y	EPA+DHA+DPA
98	Pietinen 1997 9149659	Alpha-Tocopherol, Beta-Carotene Cancer Prevention	CHD	includes first nonfatal myocardial infarction and coronary death	Healthy	health smoking men aged 50-69 years	Men	1399/21930 (6.38)	6 y	EPA+DHA+DPA
99	Pietinen 1997 9149659	Alpha-Tocopherol, Beta-Carotene Cancer Prevention	CHD	includes first nonfatal myocardial infarction and coronary death	Healthy	health smoking men aged 50-69 years	Men	1399/21930 (6.38)	6 y	EPA+DHA+DPA
100	Vedtofte 2011 21865326	Glostrup Population Studies	CHD	incident IHD	Healthy	Healthy, ages 30-61	women	159/1643 (10)	23.3 y	ALA
101	Vedtofte 2011 21865326	Glostrup Population Studies	CHD	incident IHD	Healthy	Healthy, ages 30-61	women	159/1643 (10)	23.3 y	ALA
102	Vedtofte 2011 21865326	Glostrup Population Studies	CHD	incident IHD	Healthy	Healthy, ages 30-61	women	159/1643 (10)	23.3 y	ALA
103	Vedtofte 2011 21865326	Glostrup Population Studies	CHD	incident IHD	Healthy	Healthy, ages 30-61	men	312/1634 (19)	23.3 y	ALA
104	Vedtofte 2011 21865326	Glostrup Population Studies	CHD	incident IHD	Healthy	Healthy, ages 30-61	men	312/1634 (19)	23.3 y	ALA
105	Vedtofte 2011 21865326	Glostrup Population Studies	CHD	incident IHD	Healthy	Healthy, ages 30-61	men	312/1634 (19)	23.3 y	ALA
106	Vedtofte 2011 21865326	Glostrup Population Studies	CHD	incident IHD	Healthy	Healthy, ages 30-61	women	159/1643 (10)	23.3 y	EPA+DHA
107	Vedtofte 2011 21865326	Glostrup Population Studies	CHD	incident IHD	Healthy	Healthy, ages 30-61	women	159/1643 (10)	23.3 y	EPA+DHA
108	Vedtofte 2011 21865326	Glostrup Population Studies	CHD	incident IHD	Healthy	Healthy, ages 30-61	women	159/1643 (10)	23.3 y	EPA+DHA
109	Vedtofte 2011 21865326	Glostrup Population Studies	CHD	incident IHD	Healthy	Healthy, ages 30-61	men	312/1634 (19)	23.3 y	EPA+DHA

Observational results: coronary heart disease

Row	Study PMID	n3 measure	Supplement	Adjustments	Quantile
96	Pietinen 1997 9149659	Intake	no	age, treatment group, smoking, body mass index, blood pressure, intakes of energy, alcohol, and fiber (quintiles), education (<7, 7-11, >11 years), and physical activity (<1, 1-2, >2 times per week).	Qt2
97	Pietinen 1997 9149659	Intake	no	age, treatment group, smoking, body mass index, blood pressure, intakes of energy, alcohol, and fiber (quintiles), education (<7, 7-11, >11 years), and physical activity (<1, 1-2, >2 times per week).	Qt3
98	Pietinen 1997 9149659	Intake	no	age, treatment group, smoking, body mass index, blood pressure, intakes of energy, alcohol, and fiber (quintiles), education (<7, 7-11, >11 years), and physical activity (<1, 1-2, >2 times per week).	Qt4
99	Pietinen 1997 9149659	Intake	no	age, treatment group, smoking, body mass index, blood pressure, intakes of energy, alcohol, and fiber (quintiles), education (<7, 7-11, >11 years), and physical activity (<1, 1-2, >2 times per week).	Qt5
100	Vedtofte 2011 21865326	Intake	no	smoking, educational attainment, familial history of acute myocardial infarction, systolic blood pressure, alcohol intake, and other PUFAs as appropriate (n-3 LC-PUFA and LA in analyses of ALA, ALA and LA in analyses of n-3 LC-PUFA, and ALA and n-3 LC-PUFA in analyses of LA), total energy, leisure-time physical activity, and BMI LC-PUFA, long-chain PUFA.	T1
101	Vedtofte 2011 21865326	Intake	no	smoking, educational attainment, familial history of acute myocardial infarction, systolic blood pressure, alcohol intake, and other PUFAs as appropriate (n-3 LC-PUFA and LA in analyses of ALA, ALA and LA in analyses of n-3 LC-PUFA, and ALA and n-3 LC-PUFA in analyses of LA), total energy, leisure-time physical activity, and BMI LC-PUFA, long-chain PUFA.	T2
102	Vedtofte 2011 21865326	Intake	no	smoking, educational attainment, familial history of acute myocardial infarction, systolic blood pressure, alcohol intake, and other PUFAs as appropriate (n-3 LC-PUFA and LA in analyses of ALA, ALA and LA in analyses of n-3 LC-PUFA, and ALA and n-3 LC-PUFA in analyses of LA), total energy, leisure-time physical activity, and BMI LC-PUFA, long-chain PUFA.	T3
103	Vedtofte 2011 21865326	Intake	no	smoking, educational attainment, familial history of acute myocardial infarction, systolic blood pressure, alcohol intake, and other PUFAs as appropriate (n-3 LC-PUFA and LA in analyses of ALA, ALA and LA in analyses of n-3 LC-PUFA, and ALA and n-3 LC-PUFA in analyses of LA), total energy, leisure-time physical activity, and BMI LC-PUFA, long-chain PUFA.	T1
104	Vedtofte 2011 21865326	Intake	no	smoking, educational attainment, familial history of acute myocardial infarction, systolic blood pressure, alcohol intake, and other PUFAs as appropriate (n-3 LC-PUFA and LA in analyses of ALA, ALA and LA in analyses of n-3 LC-PUFA, and ALA and n-3 LC-PUFA in analyses of LA), total energy, leisure-time physical activity, and BMI LC-PUFA, long-chain PUFA.	T2
105	Vedtofte 2011 21865326	Intake	no	smoking, educational attainment, familial history of acute myocardial infarction, systolic blood pressure, alcohol intake, and other PUFAs as appropriate (n-3 LC-PUFA and LA in analyses of ALA, ALA and LA in analyses of n-3 LC-PUFA, and ALA and n-3 LC-PUFA in analyses of LA), total energy, leisure-time physical activity, and BMI LC-PUFA, long-chain PUFA.	T3
106	Vedtofte 2011 21865326	Intake	no	smoking, educational attainment, familial history of acute myocardial infarction, systolic blood pressure, alcohol intake, and other PUFAs as appropriate (n-3 LC-PUFA and LA in analyses of ALA, ALA and LA in analyses of n-3 LC-PUFA, and ALA and n-3 LC-PUFA in analyses of LA), total energy, leisure-time physical activity, and BMI LC-PUFA, long-chain PUFA.	T1
107	Vedtofte 2011 21865326	Intake	no	smoking, educational attainment, familial history of acute myocardial infarction, systolic blood pressure, alcohol intake, and other PUFAs as appropriate (n-3 LC-PUFA and LA in analyses of ALA, ALA and LA in analyses of n-3 LC-PUFA, and ALA and n-3 LC-PUFA in analyses of LA), total energy, leisure-time physical activity, and BMI LC-PUFA, long-chain PUFA.	T2
108	Vedtofte 2011 21865326	Intake	no	smoking, educational attainment, familial history of acute myocardial infarction, systolic blood pressure, alcohol intake, and other PUFAs as appropriate (n-3 LC-PUFA and LA in analyses of ALA, ALA and LA in analyses of n-3 LC-PUFA, and ALA and n-3 LC-PUFA in analyses of LA), total energy, leisure-time physical activity, and BMI LC-PUFA, long-chain PUFA.	T3
109	Vedtofte 2011 21865326	Intake	no	smoking, educational attainment, familial history of acute myocardial infarction, systolic blood pressure, alcohol intake, and other PUFAs as appropriate (n-3 LC-PUFA and LA in analyses of ALA, ALA and LA in analyses of n-3 LC-PUFA, and ALA and n-3 LC-PUFA in analyses of LA), total energy, leisure-time physical activity, and BMI LC-PUFA, long-chain PUFA.	T1

Observational results: coronary heart disease

Row	Study PMID	n3 units	Quantile low	Quantile median	Quantile high	Metric	n Cases	N quantile	Person Years	Estimate	CI low	CI high	Comparison	P value
96	Pietinen 1997 9149659	g/d	nd	0.3	nd	RR	263	nd	25630	0.94	0.8	1.12		
97	Pietinen 1997 9149659	g/d	nd	0.4	nd	RR	280	nd	25460	1.03	0.87	1.21		
98	Pietinen 1997 9149659	g/d	nd	0.5	nd	RR	274	nd	25390	1.02	0.86	1.2		
99	Pietinen 1997 9149659	g/d	nd	0.8	nd	RR	298	nd	24952	1.15	0.97	1.35		
100	Vedtofte 2011 21865326	g/d	0.27	0.81	1.03	HR	53	527	nd	Reference group			P trend	0.8
101	Vedtofte 2011 21865326	g/d	1.03	1.24	1.49	HR	52	615	nd	0.82	0.53	1.27		
102	Vedtofte 2011 21865326	g/d	1.49	1.83	4.32	HR	54	501	nd	1.04	0.58	1.86		
103	Vedtofte 2011 21865326	g/d	0.39	1.09	1.36	HR	104	531	nd	Reference group			P trend	0.39
104	Vedtofte 2011 21865326	g/d	1.37	1.61	1.91	HR	104	547	nd	0.84	0.62	1.14		
105	Vedtofte 2011 21865326	g/d	1.91	2.27	10.6	HR	104	556	nd	0.83	0.56	1.24		
106	Vedtofte 2011 21865326	g/d	0	0.11	0.2	HR	53	604	nd	Reference group			P trend	0.04
107	Vedtofte 2011 21865326	g/d	0.2	0.3	0.45	HR	52	503	nd	0.8	0.54	1.2		
108	Vedtofte 2011 21865326	g/d	0.45	0.78	11.2	HR	54	536	nd	0.62	0.4	0.97		
109	Vedtofte 2011 21865326	g/d	0	0.16	0.26	HR	105	545	nd	Reference group			P trend	0.15

Observational results: coronary heart disease

Row	Study PMID	Study Name	Outcome	Outcome Definition	Population Type	Population	Subgroup	Cases Total/N Total (Rate %)	Followup	n3 FA
110	Vedtofte 2011 21865326	Glostrup Population Studies	CHD	incident IHD	Healthy	Healthy, ages 30-61	men	312/1634 (19)	23.3 y	EPA+DHA
111	Vedtofte 2011 21865326	Glostrup Population Studies	CHD	incident IHD	Healthy	Healthy, ages 30-61	men	312/1634 (19)	23.3 y	EPA+DHA
112	Vedtofte 2014 24964401	Pooling Project of Cohort Studies on Diet and Coronary Disease	CHD	Fatal and non-fatal CHD	Healthy	healthy 49 to 61 y	All	4493/229043 (1.96)	4-10 y	ALA
113	de Goede 2011 21464993	MORGEN	CHD	Fatal CHD, cardiac arrest, and nonfatal MI	Healthy	Healthy 20-65 yo	All	280/19896 (1.41)	10.5 y	ALA
114	de Goede 2011 21464993	MORGEN	CHD	Fatal CHD, cardiac arrest, and nonfatal MI	Healthy	Healthy 20-65 yo	All	280/19896 (1.41)	10.5 y	ALA
115	de Goede 2011 21464993	MORGEN	CHD	Fatal CHD, cardiac arrest, and nonfatal MI	Healthy	Healthy 20-65 yo	All	280/19896 (1.41)	10.5 y	ALA
116	de Goede 2011 21464993	MORGEN	CHD	Fatal CHD, cardiac arrest, and nonfatal MI	Healthy	Healthy 20-65 yo	All	280/19896 (1.41)	10.5 y	ALA
117	de Goede 2011 21464993	MORGEN	CHD	Fatal CHD, cardiac arrest, and nonfatal MI	Healthy	Healthy 20-65 yo	All	280/19896 (1.41)	10.5 y	ALA
118	de Oliveira 2013 24351702	MESA	CHD	MI, resuscitated cardiac arrest, angina followed by revascularization, and CHD death	Healthy	Healthy, multiethnic Adults	All	nd/2837	10 y	EPA
119	de Oliveira 2013 24351702	MESA	CHD	MI, resuscitated cardiac arrest, angina followed by revascularization, and CHD death	Healthy	Healthy, multiethnic Adults	All	nd/2837	10 y	EPA
120	de Oliveira 2013 24351702	MESA	CHD	MI, resuscitated cardiac arrest, angina followed by revascularization, and CHD death	Healthy	Healthy, multiethnic Adults	All	nd/2837	10 y	EPA
121	de Oliveira 2013 24351702	MESA	CHD	MI, resuscitated cardiac arrest, angina followed by revascularization, and CHD death	Healthy	Healthy, multiethnic Adults	All	nd/2837	10 y	EPA
122	de Oliveira 2013 24351702	MESA	CHD	MI, resuscitated cardiac arrest, angina followed by revascularization, and CHD death	Healthy	Healthy, multiethnic Adults	All	nd/2837	10 y	DPA
123	de Oliveira 2013 24351702	MESA	CHD	MI, resuscitated cardiac arrest, angina followed by revascularization, and CHD death	Healthy	Healthy, multiethnic Adults	All	nd/2837	10 y	DPA
124	de Oliveira 2013 24351702	MESA	CHD	MI, resuscitated cardiac arrest, angina followed by revascularization, and CHD death	Healthy	Healthy, multiethnic Adults	All	nd/2837	10 y	DPA

Observational results: coronary heart disease

Row	Study PMID	n3 measure	Supplement	Adjustments	Quantile
110	Vedtofte 2011 21865326	Intake	no	smoking, educational attainment, familial history of acute myocardial infarction, systolic blood pressure, alcohol intake, and other PUFAs as appropriate (n-3 LC-PUFA and LA in analyses of ALA, ALA and LA in analyses of n-3 LC-PUFA, and ALA and n-3 LC-PUFA in analyses of LA), total energy, leisure-time physical activity, and BMI LC-PUFA, long-chain PUFA.	T2
111	Vedtofte 2011 21865326	Intake	no	smoking, educational attainment, familial history of acute myocardial infarction, systolic blood pressure, alcohol intake, and other PUFAs as appropriate (n-3 LC-PUFA and LA in analyses of ALA, ALA and LA in analyses of n-3 LC-PUFA, and ALA and n-3 LC-PUFA in analyses of LA), total energy, leisure-time physical activity, and BMI LC-PUFA, long-chain PUFA.	T3
112	Vedtofte 2014 24964401	Intake	NA (no ALA supplement)	age at baseline, calendar year, smoking habits, BMI, physical activity, educational level, history of hypertension, alcohol intake, total energy intake (where alcohol is excluded), fiber intake, MUFA, SFA, trans-fatty acid, long-chain n-3 FA, and linoleic acid intake	All
113	de Goede 2011 21464993	Intake	No	age, gender, BMI, total energy intake, cigarette smoking, education level, parental history of MI, alcohol intake, intake of vit C, beta-carotene, fiber, SFA, TFA, PUFA other than ALA	Q1
114	de Goede 2011 21464993	Intake	No	age, gender, BMI, total energy intake, cigarette smoking, education level, parental history of MI, alcohol intake, intake of vit C, beta-carotene, fiber, SFA, TFA, PUFA other than ALA	Q2
115	de Goede 2011 21464993	Intake	No	age, gender, BMI, total energy intake, cigarette smoking, education level, parental history of MI, alcohol intake, intake of vit C, beta-carotene, fiber, SFA, TFA, PUFA other than ALA	Q3
116	de Goede 2011 21464993	Intake	No	age, gender, BMI, total energy intake, cigarette smoking, education level, parental history of MI, alcohol intake, intake of vit C, beta-carotene, fiber, SFA, TFA, PUFA other than ALA	Q4
117	de Goede 2011 21464993	Intake	No	age, gender, BMI, total energy intake, cigarette smoking, education level, parental history of MI, alcohol intake, intake of vit C, beta-carotene, fiber, SFA, TFA, PUFA other than ALA	Q5
118	de Oliveira 2013 24351702	Phospholipid	No	field center, age, sex, race/ethnicity, education(<highschool, high school, >high school), cigarette smoking(never, current, former, and pack-years), alcohol, physical activity, BMI, prevalent diabetes, total energy intake, weekly dietary supplement use, hypertensive medication use, fruits and vegetables, fiber, processed and unprocessed meat, vitamin E, saturated fat, transfat intake	Qr1
119	de Oliveira 2013 24351702	Phospholipid	No	field center, age, sex, race/ethnicity, education(<highschool, high school, >high school), cigarette smoking(never, current, former, and pack-years), alcohol, physical activity, BMI, prevalent diabetes, total energy intake, weekly dietary supplement use, hypertensive medication use, fruits and vegetables, fiber, processed and unprocessed meat, vitamin E, saturated fat, transfat intake	Qr2
120	de Oliveira 2013 24351702	Phospholipid	No	field center, age, sex, race/ethnicity, education(<highschool, high school, >high school), cigarette smoking(never, current, former, and pack-years), alcohol, physical activity, BMI, prevalent diabetes, total energy intake, weekly dietary supplement use, hypertensive medication use, fruits and vegetables, fiber, processed and unprocessed meat, vitamin E, saturated fat, transfat intake	Qr3
121	de Oliveira 2013 24351702	Phospholipid	No	field center, age, sex, race/ethnicity, education(<highschool, high school, >high school), cigarette smoking(never, current, former, and pack-years), alcohol, physical activity, BMI, prevalent diabetes, total energy intake, weekly dietary supplement use, hypertensive medication use, fruits and vegetables, fiber, processed and unprocessed meat, vitamin E, saturated fat, transfat intake	Qr4
122	de Oliveira 2013 24351702	Phospholipid	No	field center, age, sex, race/ethnicity, education(<highschool, high school, >high school), cigarette smoking(never, current, former, and pack-years), alcohol, physical activity, BMI, prevalent diabetes, total energy intake, weekly dietary supplement use, hypertensive medication use, fruits and vegetables, fiber, processed and unprocessed meat, vitamin E, saturated fat, transfat intake	Qr1
123	de Oliveira 2013 24351702	Phospholipid	No	field center, age, sex, race/ethnicity, education(<highschool, high school, >high school), cigarette smoking(never, current, former, and pack-years), alcohol, physical activity, BMI, prevalent diabetes, total energy intake, weekly dietary supplement use, hypertensive medication use, fruits and vegetables, fiber, processed and unprocessed meat, vitamin E, saturated fat, transfat intake	Qr2
124	de Oliveira 2013 24351702	Phospholipid	No	field center, age, sex, race/ethnicity, education(<highschool, high school, >high school), cigarette smoking(never, current, former, and pack-years), alcohol, physical activity, BMI, prevalent diabetes, total energy intake, weekly dietary supplement use, hypertensive medication use, fruits and vegetables, fiber, processed and unprocessed meat, vitamin E, saturated fat, transfat intake	Qr3

Observational results: coronary heart disease

Row	Study PMID	n3 units	Quantile low	Quantile median	Quantile high	Metric	n Cases	N quantile	Person Years	Estimate	CI low	CI high	Comparison	P value
110	Vedtofte 2011 21865326	g/d	0.26	0.38	0.56	HR	103	534	nd	0.81	0.61	1.07		
111	Vedtofte 2011 21865326	g/d	0.56	0.96	10.8	HR	104	555	nd	0.74	0.51	1.06		
112	Vedtofte 2014 24964401	g/d	nd	nd	nd	HR				0.88	0.75	1.02	per g/d increase	
113	de Goede 2011 21464993	g/d	nd	1	nd	HR	66	4013	nd	Reference group				NS
114	de Goede 2011 21464993	g/d	nd	1.2	nd	HR	42	4014	nd	0.89	0.61	1.3		
115	de Goede 2011 21464993	g/d	nd	1.3	nd	HR	46	4014	nd	0.9	0.61	1.33		
116	de Goede 2011 21464993	g/d	nd	1.5	nd	HR	54	4014	nd	0.97	0.66	1.44		
117	de Goede 2011 21464993	g/d	nd	1.9	nd	HR	72	4014	nd	1.01	0.66	1.54		
118	de Oliveira 2013 24351702	% FA	nd	0.4	nd	HR	49	732	19778	Reference group			P trend	0.004
119	de Oliveira 2013 24351702	% FA	nd	0.6	nd	HR	38	711	nd	0.82	0.53	1.26		
120	de Oliveira 2013 24351702	% FA	nd	0.86	nd	HR	37	695	nd	0.93	0.59	1.46		
121	de Oliveira 2013 24351702	% FA	nd	1.62	nd	HR	17	699	nd	0.42	0.23	0.75		
122	de Oliveira 2013 24351702	% FA	nd	0.72	nd	HR	41	752	19778	Reference group			P trend	0.29
123	de Oliveira 2013 24351702	% FA	nd	0.88	nd	HR	43	701	nd	1.1	0.71	1.7		
124	de Oliveira 2013 24351702	% FA	nd	1.01	nd	HR	33	747	nd	0.84	0.53	1.35		

Observational results: coronary heart disease

Row	Study PMID	Study Name	Outcome	Outcome Definition	Population Type	Population	Subgroup	Cases Total/N Total (Rate %)	Followup	n3 FA
125	de Oliveira 2013 24351702	MESA	CHD	MI, resuscitated cardiac arrest, angina followed by revascularization, and CHD death	Healthy	Healthy, multiethnic Adults	All	nd/2837	10 y	DPA
126	de Oliveira 2013 24351702	MESA	CHD	MI, resuscitated cardiac arrest, angina followed by revascularization, and CHD death	Healthy	Healthy, multiethnic Adults	All	nd/2837	10 y	DHA
127	de Oliveira 2013 24351702	MESA	CHD	MI, resuscitated cardiac arrest, angina followed by revascularization, and CHD death	Healthy	Healthy, multiethnic Adults	All	nd/2837	10 y	DHA
128	de Oliveira 2013 24351702	MESA	CHD	MI, resuscitated cardiac arrest, angina followed by revascularization, and CHD death	Healthy	Healthy, multiethnic Adults	All	nd/2837	10 y	DHA
129	de Oliveira 2013 24351702	MESA	CHD	MI, resuscitated cardiac arrest, angina followed by revascularization, and CHD death	Healthy	Healthy, multiethnic Adults	All	nd/2837	10 y	DHA
130	de Oliveira 2013 24351702	MESA	CHD	MI, resuscitated cardiac arrest, angina followed by revascularization, and CHD death	Healthy	Healthy, multiethnic Adults	All	nd/2837	10 y	EPA+DHA+DPA
131	de Oliveira 2013 24351702	MESA	CHD	MI, resuscitated cardiac arrest, angina followed by revascularization, and CHD death	Healthy	Healthy, multiethnic Adults	All	nd/2837	10 y	EPA+DHA+DPA
132	de Oliveira 2013 24351702	MESA	CHD	MI, resuscitated cardiac arrest, angina followed by revascularization, and CHD death	Healthy	Healthy, multiethnic Adults	All	nd/2837	10 y	EPA+DHA+DPA
133	de Oliveira 2013 24351702	MESA	CHD	MI, resuscitated cardiac arrest, angina followed by revascularization, and CHD death	Healthy	Healthy, multiethnic Adults	All	nd/2837	10 y	EPA+DHA+DPA
134	de Oliveira 2013 24351702	MESA	CHD	MI, resuscitated cardiac arrest, angina followed by revascularization, and CHD death	Healthy	Healthy, multiethnic Adults	All	nd/2372	10 y	EPA
135	de Oliveira 2013 24351702	MESA	CHD	MI, resuscitated cardiac arrest, angina followed by revascularization, and CHD death	Healthy	Healthy, multiethnic Adults	All	nd/2372	10 y	EPA
136	de Oliveira 2013 24351702	MESA	CHD	MI, resuscitated cardiac arrest, angina followed by revascularization, and CHD death	Healthy	Healthy, multiethnic Adults	All	nd/2372	10 y	EPA
137	de Oliveira 2013 24351702	MESA	CHD	MI, resuscitated cardiac arrest, angina followed by revascularization, and CHD death	Healthy	Healthy, multiethnic Adults	All	nd/2372	10 y	EPA

Observational results: coronary heart disease

Row	Study PMID	n3 units	Quantile low	Quantile median	Quantile high	Metric	n Cases	N quantile	Person Years	Estimate	CI low	CI high	Comparison	P value
125	de Oliveira 2013 24351702	% FA	nd	1.21	nd	HR	24	637	nd	0.8	0.48	1.35		
126	de Oliveira 2013 24351702	% FA	nd	2.5	nd	HR	48	694	19778	Reference group			P trend	0.0002
127	de Oliveira 2013 24351702	% FA	nd	3.5	nd	HR	45	738	nd	0.87	0.57	1.34		
128	de Oliveira 2013 24351702	% FA	nd	4.5	nd	HR	34	693	nd	0.66	0.4	1.09		
129	de Oliveira 2013 24351702	% FA	nd	6	nd	HR	14	712	nd	0.29	0.15	0.58		
130	de Oliveira 2013 24351702	% FA	nd	3.9	nd	HR	50	736	19778	Reference group			P trend	0.006
131	de Oliveira 2013 24351702	% FA	nd	5	nd	HR	42	688	nd	0.92	0.6	1.41		
132	de Oliveira 2013 24351702	% FA	nd	6.3	nd	HR	30	713	nd	0.66	0.4	1.1		
133	de Oliveira 2013 24351702	% FA	nd	8.7	nd	HR	19	700	nd	0.45	0.25	0.82		
134	de Oliveira 2013 24351702	mg/d	nd	7.3	nd	HR	40	599	19778	Reference group			P trend	0.06
135	de Oliveira 2013 24351702	mg/d	nd	21	nd	HR	33	547	nd	1.12	0.7	1.8		
136	de Oliveira 2013 24351702	mg/d	nd	40	nd	HR	28	585	nd	0.82	0.5	1.37		
137	de Oliveira 2013 24351702	mg/d	nd	85	nd	HR	21	641	nd	0.61	0.34	1.1		

Observational results: coronary heart disease

Row	Study PMID	Study Name	Outcome	Outcome Definition	Population Type	Population	Subgroup	Cases Total/N Total (Rate %)	Followup	n3 FA
138	de Oliveira 2013 24351702	MESA	CHD	MI, resuscitated cardiac arrest, angina followed by revascularization, and CHD death	Healthy	Healthy, multiethnic Adults	All	nd/2372	10 y	DPA
139	de Oliveira 2013 24351702	MESA	CHD	MI, resuscitated cardiac arrest, angina followed by revascularization, and CHD death	Healthy	Healthy, multiethnic Adults	All	nd/2372	10 y	DPA
140	de Oliveira 2013 24351702	MESA	CHD	MI, resuscitated cardiac arrest, angina followed by revascularization, and CHD death	Healthy	Healthy, multiethnic Adults	All	nd/2372	10 y	DPA
141	de Oliveira 2013 24351702	MESA	CHD	MI, resuscitated cardiac arrest, angina followed by revascularization, and CHD death	Healthy	Healthy, multiethnic Adults	All	nd/2372	10 y	DPA
142	de Oliveira 2013 24351702	MESA	CHD	MI, resuscitated cardiac arrest, angina followed by revascularization, and CHD death	Healthy	Healthy, multiethnic Adults	All	nd/2372	10 y	DHA
143	de Oliveira 2013 24351702	MESA	CHD	MI, resuscitated cardiac arrest, angina followed by revascularization, and CHD death	Healthy	Healthy, multiethnic Adults	All	nd/2372	10 y	DHA
144	de Oliveira 2013 24351702	MESA	CHD	MI, resuscitated cardiac arrest, angina followed by revascularization, and CHD death	Healthy	Healthy, multiethnic Adults	All	nd/2372	10 y	DHA
145	de Oliveira 2013 24351702	MESA	CHD	MI, resuscitated cardiac arrest, angina followed by revascularization, and CHD death	Healthy	Healthy, multiethnic Adults	All	nd/2372	10 y	DHA
146	de Oliveira 2013 24351702	MESA	CHD	MI, resuscitated cardiac arrest, angina followed by revascularization, and CHD death	Healthy	Healthy, multiethnic Adults	All	nd/2837	10 y	EPA+DHA+DPA
147	de Oliveira 2013 24351702	MESA	CHD	MI, resuscitated cardiac arrest, angina followed by revascularization, and CHD death	Healthy	Healthy, multiethnic Adults	All	nd/2837	10 y	EPA+DHA+DPA
148	de Oliveira 2013 24351702	MESA	CHD	MI, resuscitated cardiac arrest, angina followed by revascularization, and CHD death	Healthy	Healthy, multiethnic Adults	All	nd/2837	10 y	EPA+DHA+DPA
149	de Oliveira 2013 24351702	MESA	CHD	MI, resuscitated cardiac arrest, angina followed by revascularization, and CHD death	Healthy	Healthy, multiethnic Adults	All	nd/2837	10 y	EPA+DHA+DPA
150	de Oliveira 2013 24351702	MESA	CHD	MI, resuscitated cardiac arrest, angina followed by revascularization, and CHD death	Healthy	Healthy, multiethnic Adults	All	nd/2837	10 y	ALA

Observational results: coronary heart disease

Row	Study PMID	n3 units	Quantile low	Quantile median	Quantile high	Metric	n Cases	N quantile	Person Years	Estimate	CI low	CI high	Comparison	P value
138	de Oliveira 2013 24351702	mg/d	nd	4.3	nd	HR	40	622	19778	Reference group			P trend	0.02
139	de Oliveira 2013 24351702	mg/d	nd	11	nd	HR	40	618	nd	1.19	0.76	1.86		
140	de Oliveira 2013 24351702	mg/d	nd	19	nd	HR	24	559	nd	0.74	0.5	1.26		
141	de Oliveira 2013 24351702	mg/d	nd	39	nd	HR	18	573	nd	0.54	0.29	0.99		
142	de Oliveira 2013 24351702	mg/d	nd	24	nd	HR	34	606	19778	Reference group			P trend	0.09
143	de Oliveira 2013 24351702	mg/d	nd	49	nd	HR	34	572	nd	1.02	0.63	1.67		
144	de Oliveira 2013 24351702	mg/d	nd	80	nd	HR	36	600	nd	1.12	0.68	1.86		
145	de Oliveira 2013 24351702	mg/d	nd	150	nd	HR	18	594	nd	0.57	0.3	1.09		
146	de Oliveira 2013 24351702	mg/d	nd	38	nd	HR	33	600	19778	Reference group			P trend	0.08
147	de Oliveira 2013 24351702	mg/d	nd	82	nd	HR	39	546	nd	1.39	0.86	2.23		
148	de Oliveira 2013 24351702	mg/d	nd	140	nd	HR	32	651	nd	1	0.6	1.69		
149	de Oliveira 2013 24351702	mg/d	nd	280	nd	HR	18	575	nd	0.64	0.34	1.22		
150	de Oliveira 2013 24351702	% FA	nd	0.11	nd	HR	46	883	19778	Reference group			P trend	0.48

Observational results: coronary heart disease

Row	Study PMID	Study Name	Outcome	Outcome Definition	Population Type	Population	Subgroup	Cases Total/N Total (Rate %)	Followup	n3 FA
151	de Oliveira 2013 24351702	MESA	CHD	MI, resuscitated cardiac arrest, angina followed by revascularization, and CHD death	Healthy	Healthy, multiethnic Adults	All	nd/2837	10 y	ALA
152	de Oliveira 2013 24351702	MESA	CHD	MI, resuscitated cardiac arrest, angina followed by revascularization, and CHD death	Healthy	Healthy, multiethnic Adults	All	nd/2837	10 y	ALA
153	de Oliveira 2013 24351702	MESA	CHD	MI, resuscitated cardiac arrest, angina followed by revascularization, and CHD death	Healthy	Healthy, multiethnic Adults	All	nd/2837	10 y	ALA
154	de Oliveira 2013 24351702	MESA	CHD	MI, resuscitated cardiac arrest, angina followed by revascularization, and CHD death	Healthy	Healthy, multiethnic Adults	All	nd/2837	10 y	ALA
155	de Oliveira 2013 24351702	MESA	CHD	MI, resuscitated cardiac arrest, angina followed by revascularization, and CHD death	Healthy	Healthy, multiethnic Adults	All	nd/2837	10 y	ALA
156	de Oliveira 2013 24351702	MESA	CHD	MI, resuscitated cardiac arrest, angina followed by revascularization, and CHD death	Healthy	Healthy, multiethnic Adults	All	nd/2837	10 y	ALA
157	de Oliveira 2013 24351702	MESA	CHD	MI, resuscitated cardiac arrest, angina followed by revascularization, and CHD death	Healthy	Healthy, multiethnic Adults	All	nd/2837	10 y	ALA
159	Subgroup analyses									
160	Vedtofte 2014 24964401	Pooling Project of Cohort Studies on Diet and Coronary Disease	CHD	Fatal and non-fatal CHD	Healthy	healthy 49 to 61 y	Women	1156/148675 (0.78)	4-10 y	ALA
161	Vedtofte 2014 24964401	Pooling Project of Cohort Studies on Diet and Coronary Disease	CHD	Fatal and non-fatal CHD	Healthy	healthy 49 to 61 y	Men	3337/80368 (4.15)	4-10 y	ALA

Observational results: coronary heart disease

Row	Study PMID	n3 measure	Supplement	Adjustments	Quantile
151	de Oliveira 2013 24351702	Phospholipid	No	field center, age, sex, race/ethnicity, education(<highschool, high school, >high school), cigarette smoking(never, current, former, and pack-years), alcohol, physical activity, BMI, prevalent diabetes, total energy intake, weekly dietary supplement use, hypertensive medication use, fruits and vegetables, fiber, processed and unprocessed meat, vitamin E, saturated fat, transfat intake	Qr2
152	de Oliveira 2013 24351702	Phospholipid	No	field center, age, sex, race/ethnicity, education(<highschool, high school, >high school), cigarette smoking(never, current, former, and pack-years), alcohol, physical activity, BMI, prevalent diabetes, total energy intake, weekly dietary supplement use, hypertensive medication use, fruits and vegetables, fiber, processed and unprocessed meat, vitamin E, saturated fat, transfat intake	Qr3
153	de Oliveira 2013 24351702	Phospholipid	No	field center, age, sex, race/ethnicity, education(<highschool, high school, >high school), cigarette smoking(never, current, former, and pack-years), alcohol, physical activity, BMI, prevalent diabetes, total energy intake, weekly dietary supplement use, hypertensive medication use, fruits and vegetables, fiber, processed and unprocessed meat, vitamin E, saturated fat, transfat intake	Qr4
154	de Oliveira 2013 24351702	Intake	No	field center, age, sex, race/ethnicity, education(<highschool, high school, >high school), cigarette smoking(never, current, former, and pack-years), alcohol, physical activity, BMI, prevalent diabetes, total energy intake, weekly dietary supplement use, hypertensive medication use, fruits and vegetables, fiber, processed and unprocessed meat, vitamin E, saturated fat, transfat intake	Qr1
155	de Oliveira 2013 24351702	Intake	No	field center, age, sex, race/ethnicity, education(<highschool, high school, >high school), cigarette smoking(never, current, former, and pack-years), alcohol, physical activity, BMI, prevalent diabetes, total energy intake, weekly dietary supplement use, hypertensive medication use, fruits and vegetables, fiber, processed and unprocessed meat, vitamin E, saturated fat, transfat intake	Qr2
156	de Oliveira 2013 24351702	Intake	No	field center, age, sex, race/ethnicity, education(<highschool, high school, >high school), cigarette smoking(never, current, former, and pack-years), alcohol, physical activity, BMI, prevalent diabetes, total energy intake, weekly dietary supplement use, hypertensive medication use, fruits and vegetables, fiber, processed and unprocessed meat, vitamin E, saturated fat, transfat intake	Qr3
157	de Oliveira 2013 24351702	Intake	No	field center, age, sex, race/ethnicity, education(<highschool, high school, >high school), cigarette smoking(never, current, former, and pack-years), alcohol, physical activity, BMI, prevalent diabetes, total energy intake, weekly dietary supplement use, hypertensive medication use, fruits and vegetables, fiber, processed and unprocessed meat, vitamin E, saturated fat, transfat intake	Qr4
159	Subgroup analyses				
160	Vedtofte 2014 24964401	Intake	NA (no ALA supplement)	age at baseline, calendar year, smoking habits, BMI, physical activity, educational level, history of hypertension, alcohol intake, total energy intake (where alcohol is excluded), fiber intake, MUFA, SFA, trans-fatty acid, long-chain n-3 FA, and linoleic acid intake	All
161	Vedtofte 2014 24964401	Intake	NA (no ALA supplement)	age at baseline, calendar year, smoking habits, BMI, physical activity, educational level, history of hypertension, alcohol intake, total energy intake (where alcohol is excluded), fiber intake, MUFA, SFA, trans-fatty acid, long-chain n-3 FA, and linoleic acid intake	All

Observational results: coronary heart disease

Row	Study PMID	n3 units	Quantile low	Quantile median	Quantile high	Metric	n Cases	N quantile	Person Years	Estimate	CI low	CI high	Comparison	P value
151	de Oliveira 2013 24351702	% FA	nd	0.15	nd	HR	27	569	nd	0.93	0.58	1.51		
152	de Oliveira 2013 24351702	% FA	nd	0.19	nd	HR	37	757	nd	1.02	0.65	1.58		
153	de Oliveira 2013 24351702	% FA	nd	0.25	nd	HR	31	628	nd	1.18	0.74	1.91		
154	de Oliveira 2013 24351702	mg/d	nd	450	nd	HR	34	700	19778	Reference group			P trend	0.24
155	de Oliveira 2013 24351702	mg/d	nd	760	nd	HR	33	592	nd	0.93	0.55	1.56		
156	de Oliveira 2013 24351702	mg/d	nd	1080	nd	HR	33	555	nd	0.99	0.53	1.83		
157	de Oliveira 2013 24351702	mg/d	nd	1690	nd	HR	22	525	nd	0.6	0.25	1.41		
159	Subgroup analyses													
160	Vedtofte 2014 24964401	g/d	nd	nd	nd	HR	nd	nd	nd	1.02	0.65	1.59	per g/d increase	
161	Vedtofte 2014 24964401	g/d	nd	nd	nd	HR	nd	nd	nd	0.85	0.72	1.01	per g/d increase	