

**S1 Table.** General characteristics of the studies included in the final analysis: cancer incidence

Study	Country	Cohort	Enroll year	Population	Cancer type	Alcohol consumption amount (baseline)	RR (95% CI)
<b>Oral cavity and pharyngeal cancer</b>							
2007 Freedman [1]	US	NIH-AARP Diet and Health Study	1995-2000	Men (492,960 men/women), Women	Oral cavity	0 drinks/day	1.43 (1.03 to 2.00)
						<1 drink/day	1.0
						1 to 3 drinks/day	1.22 (0.85 to 1.76)
						0 drinks/day	1.24 (0.74 to 2.10)
						<1 drink/day	1.0
						1 to 3 drinks/day	1.74 (0.95 to 3.20)
2009 Allen [2]	UK	Million women Study	1996-2001	1,280,296 women	Oral cavity and pharyngeal cancer	Nondrinkers	1.18 (1.02 to 1.36)
						3 to 6 drinks/wk	1.13 (0.97 to 1.32)
						7 to 14 drinks/wk	1.13 (0.96 to 1.34)
2010 Shanmugham [3]	US	Nurses' Health Study	1980-2006	87,621 women (30-55 yr)	Oral cancer	0	1.00
						0.1 to 14.9 g/day	0.59 (0.39 to 0.87)
2015 Hippisley-Cox [4]	UK	Primary care patients from open cohort study using Qresearch database (EMIS computer system)	1998-2013	Women	Oral cancer	Nondrinkers	1.0
						<1 unit/day	1.03 (0.91 to 1.16)
						1-2 units/day	1.18 (0.99 to 1.40)
				Men	Oral cancer	Nondrinkers	1.0
						<1 unit/day	0.89 (0.79 to 1.00)
						1-2 units/day	1.02 (0.90 to 1.15)
2007 Friborg [5]	Singapore	Singapore Chinese Health Study	1993-2005	61,320 women/men (45-74 yr, 34,028 women, 27,292 men)	Nasopharyngeal carcinoma	Nondrinkers	1.00
						1 to 7 drinks/wk	0.9 (0.6 to 1.4)
					Oropharyngeal carcinoma	Nondrinkers	1.00
1 to 7 drinks/wk	1.4 (0.8 to 2.7)						
<b>Laryngeal cancer</b>							

2009 Allen [2]	UK	Million women Study	1996-2001	1,280,296 women	Laryngeal cancer	Nondrinkers 1 to 2 drinks/wk 3 to 6 drinks/wk 7 to 14 drinks/wk	1.09 (0.79 to 1.52) 1.00 1.13 (0.75 to 1.70) 1.74 (1.25 to 2.41)
<b>Head and neck cancer</b>							
2013 Hashibe [6]	US	Prostate, Lung, Colorectal, and Ovarian Cancer Screening Trial Cohort (PLCO)	1992-2001	101,182 women/men (55-74 yr)	Head and neck cancer	Nondrinkers >0 to <1 drink/day 1 to 1.9 drink/day	1.00 0.87 (0.58 to 1.29) 0.85 (0.49 to 1.49)
2014 Maasland [7]	Netherlands	Netherlands Cohort Study	1986-2003	120,852 women/men	Head and neck cancer	Abstainers >0 to <5 g/day 5 to <15 g/day 15 to <30 g/day	1.00 1.11 (0.75 to 1.65) 1.15 (0.77 to 1.71) 1.52 (1.02 to 2.27)
<b>Esophageal cancer (squamous cell carcinoma)</b>							
2008 Fan [8]	China	Shanghai Cohort Study	1986-2006	18,244 men	Esophageal cancer	Nondrinkers >0 to <1 drink/day 1 to <2 drinks/day	1.00 1.22 (0.62 to 2.44) 1.87 (0.99 to 3.53)
2010 Steevens [9]	Netherlands	Netherlands Cohort Study	1986-2002	120,852 women/men	Esophageal cancer	Abstainers >0 to <5 g/day 5 to <15 g/day 15 to <30 g/day	1 1.85 (0.42 to 1.73) 1.65 (0.85 to 3.17) 2.11 (1.08 to 4.14)
<b>Esophageal and gastric cardia adenocarcinoma</b>							
2009 Allen [2]	UK	Million women Study	1996-2001	1,280,296 women	Esophageal ADC	Nondrinkers 1 to 2 drinks/wk 3 to 6 drinks/wk	1.28 (1.01 to 1.63) 1.00 1.25 (0.96 to 1.62)

						7 to 14 drinks/wk	0.77 (0.53 to 1.13)
2010 Steevens [9]	Netherlands	Netherlands Cohort Study	1986-2002	120,852 women/men	Esophageal ADC	Abstainers	1.00
						>0 to <5 g/day	1.17 (0.69 to 1.98)
						5 to <15 g/day	0.91 (0.51 to 1.60)
						15 to <30 g/day	1.01 (0.56 to 1.82)
					Gastric cardia ADC	Abstainers	1.00
						>0 to <5 g/day	0.75 (0.44 to 1.30)
						5 to <15 g/day	1.11 (0.68 to 1.82)
						15 to <30 g/day	0.92 (0.54 to 1.57)
2014 Yates [10]	UK	EPIC-Norfolk Study	1993-2008	24,068 women/men	Esophageal ADC	No alcohol	1.00
						>0 to <7 units/wk	1.34 (0.63 to 2.88)
						7 to <14 units/wk	0.73 (0.28 to 1.86)
						14 to <21 units/wk	0.47 (0.12 to 1.79)
<b>Gastric cancer</b>							
1995 Nomura [11]	Japan	American men of Japanese ancestry residing in Hawaiian island	1965-1990	7,972 men	Gastric cancer	Nondrinkers	1.0
						<5 oz/month	0.9 (0.6 to 1.3)
						5-14 oz/month	1.1 (0.8 to 1.6)
1998 Galanis [12]	US	Japanese residents of Hawaii	1975-1994	11,907 women/men (6,297 women, 5,610 men)	Gastric cancer	Nondrinkers	1.00
						1-2 drinks/day	0.50 (0.2 to 1.1)
2005 Barstad [13]	Denmark	Copenhagen Center for Prospective Population Studies (Copenhagen City Heart Study, Copenhagen Male Study, Copenhagen County Center for Preventive Medicine)	1964-1997	28,463 women/men (13,227 women, 15,236 men)	Gastric cancer	<1 drink/wk	1.00
						1-6 drinks/wk	1.47 (0.93 to 2.02)
						7-13 drinks/wk	0.95 (0.32 to 1.58)

2007 Larsson [14]	Sweden	Swedish Mammography Cohort	1987-2005	61,433 women	Gastric cancer	Nondrinkers	1.00
						0.1 to 19.9 g/wk	0.85 (0.58 to 1.25)
						20.0 to 39.9 g/wk	1.18 (0.73 to 1.91)
2007 Sung [15]	Korea	National Health Insurance Corporation Study	1996-2002	669,570 men	Gastric cancer	0	1.0
						1 to 14.9 g/day	1.0 (0.9 to 1.1)
						15.0 to 24.9 g/day	1.1 (1.0 to 1.3)
2009 Allen [2]	UK	Million women Study	1996-2001	1,280,296 women	Gastric cancer	Nondrinkers	1.27 (1.12 to 1.44)
						3 to 6 drinks/wk	1.06 (0.91 to 1.22)
						7 to 14 drinks/wk	0.79 (0.65 to 0.95)
2010 Moy [16]	China	Shanghai Cohort Study	1986-2005	18,244 men	Gastric cancer	Nondrinkers	1.00
						>0 to <20 g/day	0.88 (0.67 to 1.16)
2010 Steevens [9]	Netherlands	Netherlands Cohort Study	1986-2002	120,852 women/men	Gastric non-cardia ADC	Abstainers	1.00
						>0 to <5 g/day	0.92 (0.69 to 1.23)
						5 to <15 g/day	1.07 (0.80 to 1.43)
						15 to <30 g/day	0.77 (0.55 to 1.08)
2012 Everatt [17]	Lithuania	Kaunas Rotterdam Intervention Study (KRIS), Multifactorial Ischemic Heart Disease Prevention Study (MIHDPS)	1972-2008	7,150 men (40-59 yr)	Gastric cancer	0.1 to 9.9 g/wk	1.00
						10.0 to 24.9 g/wk	1.04 (0.66 to 1.64)
						25.0 to 99.9 g/wk	1.44 (0.91 to 2.29)
2015 Eom [18]	Korea	Korean National Health Insurance Corporation data	1998-2007	2,291,132 women/men	Gastric cancer	0	1
						1-14.9 g/day	0.98 (0.89 to 1.06)
						>15 g/day	1.16 (0.99 to 1.36)
2015 Klatsky [19]	US	Multiethnic Northern California population (Kaiser)	1978-2012	124,193 women/men	Gastric cancer	Never drinkers	1.0
						<1 drink/day	0.9 (0.7 to 1.2)

						Permanente)	1 to 2 drinks/day	0.8 (0.6 to 1.4)
<b>Colorectal cancer</b>								
2002 Flood [20]	US	Breast Cancer Detection Demonstration Project (BCDDP)	1987-1995	45,264 women	Colorectal cancer	0	1.00	
						0.01 to 0.50 servings/day	0.92 (0.73 to 1.16)	
						0.51 to 1.00 servings/day	1.00 (0.74 to 1.35)	
						1.01 to 2.00 servings/day	0.94 (0.62 to 1.42)	
2003 Otani [21]	Japan	Japan Public Health Center-based prospective study (cohort I)	1990-1999	90,004 women/men	Colorectal cancer	Never drinkers, ex-drinkers	1.0	
						occasional drinkers	0.8 (0.4 to 1.4)	
						regular drinkers (1-149 g/wk)	0.9 (0.6 to 1.4)	
2004 Sanjoquin [22]	UK	Oxford Vegetarian Study	1980-1999	10,998 women/men (6,836 women, 4,162 men)	Colorectal cancer	<1 drink/wk	1.00	
						1-7 drinks/wk	1.53 (0.94 to 2.49)	
2005 Chen [23]	China	Population of Jiashan County	1989-2001	64,100 women/men	Colorectal cancer	Nondrinkers	1	
						occasional (<7drinks/wk)	1.13 (0.79 to 1.64)	
						daily (≥7drinks/wk)	1.11 (0.74 to 1.67)	
				33,148 women		Nondrinkers	1	
						occasional (<7drinks/wk)	1.33 (0.78 to 2.26)	
						daily (≥7drinks/wk)	1.06 (0.33 to 3.48)	
				30,952 men		Nondrinkers	1	
						occasional (<7drinks/wk)	0.99 (0.61 to 1.63)	
						daily (≥7drinks/wk)	1.03 (0.65 to 1.64)	
2007 Tsong [24]	Singapore	Singapore Chinese Health Study	1993-1998	63,257 women/men	Colorectal cancer	Nondrinkers	1.00	
						<7 drinks/wk	0.96 (0.72 to 1.25)	
2008 Bongaerts [25]	Netherlands	Netherlands Cohort Study	1986-1999	120,852 women/men	Colorectal cancer	Abstainers	1.00	

				(62,573 women, 58,279 men, 55-69 yr)		0 to <5.0 g/day	1.06 (0.91 to 1.23)
						5.0 to 15.0 g/day	0.97 (0.82 to 1.14)
						15.0 to <30.0 g/day	1.00 (0.83 to 1.20)
				62,573 women		Abstainers	1.00
						0 to <30.0 g/day	0.91 (0.74 to 1.12)
				58,279 men		Abstainers	1.00
						0 to <30.0 g/day	1.16 (0.91 to 1.48)
2008 Kabat [26]	Canada	Canadian National Breast Screening Study	1980-2000	49,654 women	Colorectal cancer	Never	1.00
						>0 to <5g/day	0.92 (0.73 to 1.14)
						5 to <10 g/day	0.93 (0.71 to 1.22)
						10 to <20 g/day	1.04 (0.79 to 1.36)
						20 to <30 g/day	1.13 (0.77 to 1.64)
2008 Thygesen [27]	US	Health Professional Follow-up Study	1986-2002	47,432 men	Colorectal cancer	Nondrinkers	1
						0.1 to 5 g/day	1.05 (0.79 to 1.40)
						5.1 to 10 g/day	1.30 (0.96 to 1.76)
						10.1 to 20 g/day	1.38 (1.04 to 1.83)
						20.1 to 30 g/day	1.43 (0.99 to 2.07)
2008 Toriola [28]	Finland	Kuopio Ischemic Heart Study (KIHD)	1984-2005	2,682 men	Colorectal cancer	0 to 3.2 g/wk	1
						3.3 to 17.2 g/wk	2.4 (0.9 to 6.8)
						17.3 to 48.8 g/wk	2.5 (0.9 to 7.2)
						48.9 to 115.2 g/wk	2.2 (0.8 to 6.4)
2009 Park [29]	UK	UK Norfolk arm of EPIC study	1995-2003	25,639 women/men (40-79 yr)	Colorectal cancer	Nondrinkers	1.00
						>0 to <7drinks/wk	0.91 (0.69 to 1.21)
						7 to <14 drinks/wk	0.74 (0.52 to 1.07)
				14,032 women		>0-<7drinks/wk	0.79 (0.55 to 1.14)

				11,607 men		7 to <14 drinks/wk	0.60 (0.34 to 1.05)
						>0 to <7drinks/wk	1.18 (0.74 to 1.87)
						7 to <14 drinks/wk	0.97 (0.57 to 1.64)
2011 Razzak [30]	US	Iowa women's Health Study	1986-2004	38,001 women	Colorectal cancer	Nondrinkers	1.00
						>0 to ≤1.8 g/day	1.04 (0.88 to 1.24)
						1.80 to ≤3.4 g/day	0.92 (0.74 to 1.15)
						3.4 to ≤11 g/day	1.10 (0.91 to 1.33)
2013 Everatt [31]	Lithuania	Kaunas Rotterdam Intervention Study (KRIS), Multifactorial Ischemic Heart Disease Prevention Study (MIHDPS)	1978-2008	7,150 men	Colorectal cancer	Nondrinker	1.24 (0.72 to 2.16)
						0.1 to 10 g/wk	1.00
						10.1 to 40.0 g/wk	1.46 (1.01 to 2.11)
						40.1 to 70.0 g/wk	0.81 (0.41 to 1.60)
						70.1 to 140.0 g/wk	1.32 (0.83 to 2.09)
2014 Nishihara [32]	US	Nurses' Health Study, Health Professionals Follow-up Study	1976-2008	173,230 women/men (121,701 women, 51,529 men)	Colorectal cancer	0	1.00
						1 to 14 g/day	1.13 (0.97 to 1.32)
2015 Cho [33]	Korea	Korean Multi-center Cancer Cohort	1993-2005	18,707 women/men women	Colorectal cancer	Never drinkers	1.0
						<10 g/day	0.82 (0.41 to 1.63)
						10 to 29 g/day	0.95 (0.23 to 3.87)
				men		<10 g/day	1.28 (0.71 to 2.31)
						10 to 29 g/day	1.77 (0.96 to 3.26)
						Never drinkers	1.0
2015 Hippisley-Cox [4]	UK	Primary care patients from open cohort study using Qresearch database (EMIS computer system)	1998-2013	4,960,000 women/men women	Colorectal cancer	Nondrinkers	1.0
						<1 unit/day	1.02 (0.98 to 1.06)
						1-2 units/day	1.05 (1.00 to 1.11)

				men		<1 unit/day	1.05 (1.00 to 1.10)
						1-2 units/day	1.14 (1.08 to 1.20)
2015 Klatsky [19]	US	Multiethnic Northern California population (Kaiser Permanente)	1978-2012	124,193 women/men	Colorectal cancer	Never drinkers	1.00
						<1 drink/day	1.1 (1.0 to 1.3)
						1 to 2 drinks/day	1.2 (1.0 to 1.4)
<b>Colon cancer</b>							
1988 Klatsky [34]	US	Members of Kaiser Permanente Medical Care Program in Northern California	1978-1984	106,203 women/men	Colon cancer	None	1.0
						>0 to <1 drinks/day	1.16 (0.75 to 1.79)
						1 to 2 drinks/day	1.59 (0.95 to 2.64)
				women		>0 to <1 drinks/day	1.29 (0.77 to 2.17)
						1 to 2 drinks/day	1.80 (0.92 to 3.52)
				men		>0 to <1 drinks/day	0.89 (0.41 to 1.98)
						1 to 2 drinks/day	1.15 (0.50 to 2.64)
1990 Stemmermann [35]	US	American men of Japanese ancestry residing in Hawaiian island (Oahu)	1965-1989	8,006 men	Colon cancer	0	1.0
						>0 to <5 oz/month	0.68 (0.45 to 1.05)
						5 to 14 oz/month	0.96 (0.63 to 1.47)
						15 to 39 oz/month	1.16 (0.78 to 1.72)
1994 Goldbohm [36]	Netherlands	from 204 municipal population registries throughout the country	1986-1989	120,852 women/men (62,573 women, 58,279 men, 55-69 yr)	Colon cancer	Abstainers	1.0
						0.1 to 4.9 g/day	0.7 (0.5 to 1.0)
						5.0 to 14.9 g/day	0.6 (0.4 to 0.9)
						15.0 to 29.9 g/day	0.9 (0.5 to 1.6)
1995 Giovannucci [37]	US	Male health professionals	1986-1992	47,931 men (40-75 yr)	Colon cancer	0 to 0.25 drinks/day	1.0
						0.26 to 0.50 drinks/day	1.42 (0.83 to 2.45)



						0.51 to 1.0 drink/day	1.67 (1.03 to 2.69)
						1.1 to 2.0 drinks/day	1.68 (1.03 to 2.74)
2003 Pederson [38]	Denmark	Copenhagen Center for Prospective Population Studies (Copenhagen City Heart Study, Copenhagen Male Study, Copenhagen County Center for Preventive Medicine)	-1999, median 14.7 yr	29,132 women/men (23-95 yr)	Colon cancer	<1 drink/wk	1.00
						1 to 6 drinks/wk	1.0 (0.8 to 1.3)
						7 to 13 drinks/wk	0.9 (0.7 to 1.2)
2004 Su [39]	US	National Health and Nutrition Examination Survey (NHANES I)	1982-1993	10,220 women/men (55,970 women, 50,040 men)	Colon cancer	0	1.00
						<1 drink/day	1.08 (0.65 to 1.79)
2004 Wei [40]	US	Nurses' Health Study, Health Professionals Follow-up Study	NHS 1980-2000, HPFS 1986-2000	134,365 women/men		<10 g/day	0.97 (0.82 to 1.14)
						10 to 19 g/day	1.04 (0.85 to 1.26)
				87,733 women		0	1.00
						<10 g/day	0.97 (0.81 to 1.17)
						10 to 19 g/day	0.99 (0.78 to 1.27)
				46,632 men		0	1.00
						<10 g/day	1.08 (0.75 to 1.55)
						10 to 19 g/day	1.27 (0.86 to 1.86)
2005 Chen [23]	China	Population of Jiashan County	1989-2001	64,100 women/men	Colon cancer	Nondrinkers	1.00
						occasional (<7 drinks/wk)	1.06 (0.61 to 1.83)
				33,148 women		Nondrinkers	1.00
						occasional (<7 drinks/wk)	1.23 (0.52 to 2.91)
				30,952 men		Nondrinkers	1.00
						occasional (<7 drinks/wk)	0.87 (0.44 to 1.74)

2007 Tsong [24]	Singapore	Singapore Chinese Health Study	1993-1998	63,257 women/men	Colon cancer	Nondrinkers <7 drinks/wk	1.00 0.96 (0.72 to 1.25)	
2008 Bongaerts [25]	Netherlands	Netherlands Cohort Study	1986-1999	120,852 women/men (55-69 ys)	Colon cancer	Abstainers	1.00	
						0 to <5.0 g/day	1.03 (0.87 to 1.22)	
						5.0 to 15.0 g/day	0.93 (0.78 to 1.13)	
						15.0 to <30 g/day	0.93 (0.75 to 1.14)	
						62,573 women	0 to <30.0 g/day	0.91 (0.72 to 1.15)
58,279 men	0 to <30.0 g/day	1.00 (0.75 to 1.34)						
2009 Allen [2]	UK	Million women Study	1996-2001	1,280,296 women	Colon cancer	Nondrinkers	1.00 (0.94 to 1.07)	
						1 to 2 drinks/wk	1.00	
						3 to 6 drinks/wk	0.99 (0.93 to 1.06)	
						7 to 14 drinks/wk	1.02 (0.95 to 1.09)	
2009 Park [29]	UK	UK Norfolk arm of EPIC study	1995-2003	25,639 women/men (40-79 yr)	Colon cancer	Nondrinkers	1.00	
						>0 to <7drinks/wk	0.93 (0.66 to 1.31)	
						7 to <14 drinks/wk	0.64 (0.41 to 1.01)	
						women	>0 to <7drinks/wk	0.85 (0.54 to 1.33)
						7 to <14 drinks/wk	0.59 (0.29 to 1.17)	
						men	>0 to <7drinks/wk	1.10 (0.63 to 1.90)
						7 to <14 drinks/wk	0.75 (0.39 to 1.43)	
2012 Cho [41]	US	Health Professional Follow-up Study, Nurses' Health Study	1980-2006	135,151 women/men	Colon cancer	None	1.00	
						0.1 to <5 g/day	1.16 (0.87 to 1.54)	
						5.0 to <10 g/day	1.08 (0.91 to 1.28)	
						10 to <15 g/day	1.26 (0.96 to 1.66)	
						15 to <30 g/day	1.11 (0.92 to 1.33)	

87,861 women	None	1.00
	15 to < 30 g/day	1.11 (0.85 to 1.45)
	0.1 to <5 g/day	1.32 (1.12 to 1.56)
	5.0 to <10 g/day	1.09 (0.87 to 1.36)
	10 to <15 g/day	1.43 (1.13 to 1.82)
47,290 men	15 to < 30 g/day	1.11 (0.86 to 1.43)
Colon cancer	None	1.00
	0.1 to <5 g/day	0.99 (0.78. to 1.25)
	5.0 to <10 g/day	1.07 (0.82 to 1.39)
	10 to <15 g/day	1.08 (0.82 to 1.44)

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#### Rectal cancer

1988 Klatsky [34]	US	Members of Kaiser Permanente Medical Care Program in Northern California	1978-1984	106,203 women/men	Rectal cancer	None	1.0
						>0 to <1 drinks/day	1.42 (0.57 to 3.55)
						1 to 2 drinks/day	2.28 (0.83 to 6.26)
1990 Stemmermann [35]	US	American men of Japanese ancestry residing in Hawaiian island (Oahu)	1965-1989	8,006 men	Rectal cancer	0	1.0
						>0 to <5 oz/mo	0.86 (0.45 to 1.62)
						5 to 14 oz/mo	1.69 (0.96 to 2.99)
						15 to 39 oz/mo	1.45 (0.80 to 2.61)
1994 Goldbohm [36]	Netherlands	204 municipal population registries throughout the country	1986-1989	120,852 women/men (55-69 yr)	Rectal cancer	Abstainers	1.0
						0.1 to 4.9 g/day	1.2 (0.6 to 2.4)
						5.0 to 14.9 g/day	0.8 (0.4 to 1.6)
						15.0- 29.9 g/day	1.5 (0.7 to 3.2)
2003 Pederson [38]	Denmark	Copenhagen Center for Prospective Population Studies (Copenhagen City)	(~1999, median 14.7 yr)	29,132 women/men(23-95 yr)	Rectal cancer	<1 drink/wk	1.00
						1 to 6 drinks/wk	1.5 (0.9 to 2.3)

		Heart Study, Copenhagen Male Study, Copenhagen County Center for Preventive Medicine)				7 to 13 drinks/wk	1.5 (0.9 to 2.5)
2004 Wei [40]	US	Nurses' Health Study (NHS), Health Professionals Follow- up Study (HPFS)	NHS 1980- 2000, HPFS 1986-2000	134,365 women/men	Rectal cancer	0	1.00
						<10 g/day	1.04 (0.77 to 1.40)
						10 to 19 g/day	1.07 (0.75 to 1.55)
				87,733 women		0	1.00
						<10 g/day	1.12 (0.80 to 1.58)
						10 to 19 g/day	0.96 (0.60 to 1.54)
				46,632 men		0	1.00
						<10 g/day	0.93 (0.47 to 1.82)
						10 to 19 g/day	1.31 (0.66 to 2.62)
2005 Chen [23]	China	Population of Jiashan County	1989-2001	64,100 women/men	Rectal cancer	Nondrinkers	1.00
						occasional (<7 drinks/wk)	1.20 (0.73 to 1.98)
				33,148 women		Nondrinkers	1.00
						occasional (<7 drinks/wk)	1.38 (0.70 to 2.71)
				30,952 men		Nondrinkers	1.00
						occasional (<7 drinks/wk)	1.15 (0.56 to 2.35)
2007 Tsong [24]	Singapore	Singapore Chinese Health Study	1993-1998	63,257 women/men	Rectal cancer	Nondrinkers	1.00
						<7 drinks/wk	1.22 (0.17 to 2.35)
2008 Bongaerts [25]	Netherlan ds	Netherlands Cohort Study	1986-1999	120,852 women/men (55-69 yr)	Rectal cancer	Abstainers	1.00
						0 to <5.0 g/day	1.10 (0.83 to 1.45)
						5.0 to 15.0 g/day	1.00 (0.74 to 1.34)
						15.0 to <30 g/day	1.04 (0.75 to 1.44)
				58,279 men		Abstainers	1.00

				62,573 women		0 to <30.0 g/day	1.23 (0.80 to 1.89)
						Abstainers	1.00
						0 to <30.0 g/day	0.90 (0.58 to 1.40)
2009 Allen [2]	UK	Million women Study	1996-2001	1,280,296 women	Rectal cancer	Nondrinkers	0.94 (0.86 to 1.03)
						1 to 2 drinks/wk	1.00
						3 to 6 drinks/wk	1.01 (0.92 to 1.11)
						7 to 14 drinks/wk	1.0 (0.97 to 1.18)
2009 Park [29]	UK	UK Norfolk arm of EPIC study	1995-2003	25,639 women/men (40-79 yr)	Rectal cancer	Nondrinkers	1.00
						>0 to <7drinks/wk	0.87 (0.52 to 1.46)
						7 to <14 drinks/wk	0.96 (0.52 to 1.77)
				Men		Nondrinkers	1.00
						>0 to <7drinks/wk	1.2 (0.50 to 2.97)
						7 to <14 drinks/wk	1.42 (0.55 to 3.65)
				Women		Nondrinkers	1.00
						>0 to <7drinks/wk	0.73 (0.38 to 1.41)
						7 to <14 drinks/wk	0.68 (0.27 to 1.74)
<b>Liver cancer</b>							
2009 Allen [2]	UK	Million Women Study	1996-2001	1,280,296 women	Liver cancer	Nondrinkers	1.41 (1.16 to 1.72)
						1 to 2 drinks/wk	1.00
						3 to 6 drinks/wk	0.94 (0.72 to 1.21)
						7 to 14 drinks/wk	1.20 (0.93 to 1.55)
2015 Klatsky [19]	US	Multiethnic Northern California population (Kaiser Permanente)	1978-2012	124,193 women/men	Liver cancer	Never drinkers	1.00
						<1 drink/day	1.0 (0.6 to 1.5)
						1 to 2 drinks/day	1.5 (0.9 to 2.5)
<b>Pancreatic cancer</b>							

2001 Michaud [42]	US	Nurses' Health Study	1980-1996	88,799 women (30-55 yr)	Pancreatic cancer	0	1.0
						0.1 to 1.4 g/day	0.72 (0.41 to 1.30)
						1.5 to 4.9 g/day	1.07 (0.68 to 1.67)
						5.0 to 29.9 g/day	0.93 (0.61 to 1.42)
		Health Professionals Follow-up Study	1986-1994	47,794 men (40-75 yr)	Pancreatic cancer	0	1.0
						0.1 to 1.4 g/day	1.01 (0.36 to 2.83)
						1.5 to 4.9 g/day	1.44 (0.67 to 3.12)
						5.0 to 29.9 g/day	1.23 (0.59 to 2.53)
		Pooled		136,593 women/men	Pancreatic cancer	0	1.0
						0.1 to 1.4 g/day	0.78 (0.47 to 1.30)
						1.15 (0.78 to 1.69)	
						1.00 (0.69 to 1.44)	
2001 Stolzenberg-Solomon [43]	US	Alpha-Tocopherol Beta-Carotene Cancer Prevention Study cohort	1985-1997	27,101 men	Pancreatic cancer	None	1.0
						>0 to 5.3 g/day	1.39 (0.75 to 2.56)
						>5.3 to 13.4 g/day	1.39 (0.75 to 2.56)
						>13.4 to 27.7 g/day	1.24 (0.66 to 2.32)
2002 Isaksson [44]	Sweden	Swedish Twin Registry	1969-1997	21,884 women/men	Pancreatic cancer	None	1.00
						1 to 209 g/month	0.89 (0.61 to 1.30)
2009 Heinen [45]	Netherlands	Netherlands Cohort Study	1986	120,852 women/men	Pancreatic cancer	Abstainers	1.00
						0.1 to <5 g/day	1.03 (0.74 to 1.42)
						5 to <15 g/day	1.12 (0.79 to 1.57)
						15 to <30 g/day	0.86 (0.58 to 1.28)
2015 Klatsky [19]	US	Multiethnic Northern California population (Kaiser)	1978-2012	124,193 women/men	Pancreatic cancer	Never drinkers	1.00
						<1 drink/day	0.9 (0.7 to 1.2)

		Permanente)			1 to 2 drinks/day	1.1 (0.8 to 1.5)	
<b>Lung cancer</b>							
1990 Stemmermann [35]	US	American men of Japanese ancestry residing in Hawaiian island (Oahu)	1965-1989	8,006 men	Lung cancer	0 >0 to <5 oz/month 5 to 14 oz/month 15 to 39 oz/month	1.0 0.75 (0.48 to 1.17) 0.93 (0.59 to 1.47) 1.43 (0.99 to 2.06)
1999 Prescott [46]	Denmark	Copenhagen City Heart Study	1976-1992	13,053 women  15,107 men	Lung cancer	0 to <1 drinks/wk 1 to 6 drinks/wk 7 to 13 drinks/wk 0 to <1 drinks/wk 1 to 6 drinks/wk 7 to 13 drinks/wk	1.0 0.89 (0.64 to 1.25) 1.00 (0.64 to 1.56) 1.0 0.85 (0.60 to 1.22) 1.01 (0.72 to 1.42)
2002 Djousse [47]	US	Framingham Study cohort, offspring cohort	1948, 1971	9,238 women/men 5,126 women 4,112 men	Lung cancer	0 0.1 to 12 g/day 12.1 to 24 g/day	1.0 1.2 (0.7 to 2.1) 1.1 (0.6 to 2.1)
2005 Freudenheim [48]	US	Pooled cohort(CNBSS, IWHS, NCS, NYSC, NHS)		262,432 women	Lung cancer	None >0 to <5 g/day 5 to <15 g/day 15 to <30 g/day	1.00 0.78 (0.67 to 0.91) 0.81 (0.68 to 0.97) 0.92 (0.74 to 1.13)
		Pooled cohort(ATBC, HPFU, NLCS, NYSC)		137,335 men	Lung cancer	None >0 to <5 g/day 5 to <15 g/day 15 to <30 g/day	1.00 0.86 (0.71 to 1.03) 1.0 (0.84 to 1.20) 0.83 (0.62 to 1.10)
2008 Kabat [26]	Canada	Canadian National Breast	1980-2000	49,654 women	Lung cancer	Never	1.00

		Screening Study				>0 to <5g/day	0.94 (0.69 to 1.27)
						5 to <10 g/day	0.77 (0.52 to 1.13)
						10 to <20 g/day	0.76 (0.53 to 1.11)
						20 to <30 g/day	0.81 (0.49 to 1.34)
2009 Allen [2]	UK	Million women Study	1996-2001	1,280,296 women	Lung cancer	Nondrinkers	1.17 (1.12 to 1.23)
						1 to 2 drinks/wk	1.00
						3 to 6 drinks/wk	0.91 (0.85 to 0.97)
						7 to 14 drinks/wk	1.06 (1.00 to 1.13)
2011 Chao [49]	US	VITAL Study	2000-2007	66,186 women/men	Lung cancer	Nondrinkers	1.00
						>0 to <1 drink/day	1.00 (0.82 to 1.22)
				Women		>0 to <1 drink/day	0.94 (0.64 to 1.39)
				Men		>0 to <1 drink/day	0.84 (0.62 to 1.15)
2015 Hippisley-Cox [4]	UK	Primary care patients from open cohort study using Qresearch database (EMIS computer system)	1998-2013	Men	Lung cancer	Non-drinkers	1.00
						<1 unit/day	0.91 (0.87 to 0.95)
						1-2 units/day	0.92 (0.87 to 0.97)
2015 Klatsky [19]	US	Multiethnic Northern California population (Kaiser Permanente)	1978-2012	124,193 women/men	Lung cancer	Never drinkers	1.00
						<1 drink/day	1.0 (0.9 to 1.2)
						1 to 2 drinks/day	1.0 (0.8 to 1.2)
2016 Troche [50]	US	NIH-AARP Diet and Health Study	1995-2006	492,902 women/men (198,656 women, 294,246 men)	Lung cancer	None	1.0
						0.01-0.49 drinks/day	0.92 (0.87 to 0.97)
						0.5-0.99 drinks/day	0.89 (0.82 to 0.96)
<b>Breast cancer</b>							
1989 Schatzkin [51]	US	Framingham Heart Study	1948 (32 yr)	2,636 women (32-64 yr)	Breast cancer	None	1.0
						0.1 to 1.4 g/day	1.0 (0.6 to 1.5)



						1.5 to 4.9 g/day	0.7 (0.4 to 1.1)
1991 Simon [52]	US	Tecumseh Community Health Study (TCHS)	1959-1960 (28 yr)	1,954 women	Breast cancer	Never	1.0
						>0 to <1 drink/day	1.08 (0.64 to 1.82)
						1 to <2 drinks/day	1.23 (0.49 to 3.10)
1992 Gapstur [53]	US	Iowa women's Health Study	1986-1989	41,837 women	Breast cancer	0	1.0
						>0 to <1.5 g/day	1.18 (0.86 to 1.61)
						1.5 to 4.9 g/day	1.20 (0.93 to 1.56)
						5.0 to 14.9 g/day	1.25 (0.93 to 1.68)
1995 van den Brandt [54]	Netherlands	Netherlands Cohort Study	1986-1989 (3.3 yr)	62,573 women (55-69 yr)	Breast cancer	Nondrinkers	1.00
						>0 to <5 g/day	1.30 (0.96 to 1.75)
						5 to 14 g/day	1.29 (0.89 to 1.85)
						15 to 29 g/day	1.28 (0.81 to 2.03)
1999 Garland [55]	US	Nurses' Health Study II	1989 (6 yr)	116,671 women (25-42 yr)	Breast cancer	Nondrinker	1.00
						>0 to 1.5 g/day	0.96 (0.72 to 1.28)
						>1.5 to 5 g/day	0.78 (0.59 to 1.62)
						>5 to 10 g/day	1.01 (0.72 to 1.41)
						>10 to 20 g/day	1.12 (0.77 to 1.63)
1999 Zhang [56]	US	Framingham Original Cohort & Offspring Cohort	1948-1993, 1971-1993	5,048 women	Breast cancer	Nondrinker	1.00
						0.1 to <5.0 g/day	0.80 (0.60 to 1.10)
						5.0 to <15 g/day	0.70 (0.50 to 1.10)
2000 Rohan [57]	Canada	Canadian National Breast Screening Study (NBSS)	1980-1993	56,837 women (40-59 yr)	Breast cancer	0	1.0
						>0 to 10 g/day	1.01 (0.84 to 1.22)
						>10 to 20 g/day	1.16 (0.91 to 1.47)
						>20 to 30 g/day	1.27 (0.91 to 1.78)

2001 Feigelson [58]	US	American Cancer society Cancer Prevention Study II Nutrition Cohort (CPS-II Nutrition Cohort)	1982-1996	242,010 women	Breast cancer	None	1.0
						<0.25 drinks/day	1.1 (0.88 to 1.3)
						0.26 to <1 drink/day	1.2 (1.0 to 1.4)
						1 to <2 drinks/day	1.3 (1.1 to 1.6)
2002 Chen [59]	US	Nurses' Health Study	1980-1994	44,186 women	Breast cancer (invasive tumors)	None	1.00
						0.1 to 4.9 g/day	1.07 (0.95 to 1.20)
						5.0 to 9.9 g/day	0.99 (0.83 to 1.18)
						10 to 19.9 g/day	1.22 (1.06 to 1.42)
2002 Horn-Ross [60]	US	California Teachers Study cohort	1995-1998	111,526 women	Breast cancer	Nondrinkers	1.0
						<5 g/day	0.9 (0.7 to 1.2)
						5 to 9 g/day	0.9 (0.7 to 1.2)
						10 to 14 g/day	1.2 (0.9 to 1.6)
						15 to 19 g/day	1.0 (0.8 to 1.4)
2003 Feigelson [61]	US	American Cancer society Cancer Prevention Study II Nutrition Cohort (CPS-II Nutrition Cohort)	1992-1998	66,561 women	Breast cancer	None	1.00
						0.1 to <5 g/day	1.00 (0.88 to 1.15)
						5 to <10 g/day	0.94 (0.77 to 1.16)
						10 to <15 g/day	1.18 (0.96 to 1.46)
2004 Dumeaux [62]	Norway	Norwegian women and Cancer Study	1991-2001	86,948 women (30-70 yr)	Breast cancer	None	1.00
						0.1 to 4.9 g/day	1.24 (1.06 to 1.44)
						5.0 to 9.9 g/day	1.35 (1.11 to 1.64)
2004 Horn-Ross [63]	US	California Teachers Study cohort	1995-2001	103,460 women (postmenopausal)	Breast cancer	Nondrinkers	1.00
						<5 g/day	1.03 (0.86 to 1.24)
						5-9 g/day	1.04 (0.86 to 1.27)
						10-14 g/day	1.08 (0.88 to 1.33)

2004 Sellers [64]	US	Iowa women's Health Study	1986-1999	33,552 women (55-69 yr)	Breast cancer	0 >0 to 4 g/day	1.00 1.07 (0.95 to 1.21)
2005 Suzuki [65]	Sweden	Swedish Mammography Cohort	1987-2004	51,847 women	Breast cancer (invasive tumors)	Nondrinkers >0 to <3.4 g/day 3.4 to 9.9 g/day	1.00 1.08 (0.94 to 1.25) 1.10 (0.94 to 1.29)
2006 Mellekjar [66]	Denmark	Danish Prospective Cohort Study	1993-2002	23,788 women	Breast cancer	Abstainers >0 to 12 g/day	0.94 (0.56 to 1.58) 1.10 (1.04 to 1.16)
2006 Stolzenberg-Solomon [67]	US	Prostate, Lung, Colorectal, and Ovarian (PLCO) Cancer Screening Trial	1993-2001	25,400 women (55-74 yr)	Breast cancer	0 to 0.01 g/day >0.01 to 0.43 g/day >0.43 to 1.39 g/day >1.39 to 7.62 g/day	1.00 1.21 (0.94 to 1.57) 1.18 (0.92 to 1.51) 0.94 (0.72 to 1.22)
2007 Tjonneland [68]	Europe	European Prospective Investigation into Cancer and Nutrition (EPIC)	-1999/2004 (6.4yrs)	274,688 women	Breast cancer (invasive tumors)	Abstainers >0 to 1.5 g/day >1.5 to 4.7 g/day >4.7 to 10 g/day >10 to 19 g/day	1.01 (0.91 to 1.13) 1.00 0.98 (0.89 to 1.09) 0.97 (0.88 to 1.08) 1.07 (0.96 to 1.19)
2007 Zhang [69]	US	women's Health Study (US female health professionals)	1992-2004	38,454 women	Breast cancer (invasive and in situ tumors)	None 0.1 to 4.9 g/day 5.0 -9.9 g/day 10.0 to 14.9 g/day 15.0 to 29.9 g/day	1.00 1.02 (0.90 to 1.15) 1.13 (0.95 to 1.34) 1.14 (0.92 to 1.40) 1.16 (0.92 to 1.40)
					Breast cancer (invasive tumors)	None 0.1 to 4.9 g/day 5.0 -9.9 g/day 10.0 to 14.9 g/day	1.00 1.00 (0.88 to 1.15) 1.03 (0.84 to 1.25) 1.16 (0.92 to 1.47)

						15.0 to 29.9 g/day	1.19 (0.93 to 1.53)
2008 Kabat [26]	Canada	Canadian National Breast Screening Study	1980-2000	49,654 women	Breast cancer	never	1.00
						>0 to <5g/day	1.00 (0.90 to 1.12)
						5 to <10 g/day	0.98 (0.86 to 1.13)
						10 to <20 g/day	1.07 (0.93 to 1.23)
						20 to <30 g/day	1.08 (0.89 to 1.32)
2009 Allen [2]	UK	Million women Study	1996-2001	1,280,296 women	Breast cancer	Nondrinkers	1.00 (0.97 to 1.03)
						3 to 6 drinks/wk	1.08 (1.05 to 1.10)
						7 to 14 drinks/wk	1.13 (1.10 to 1.16)
2009 Lew [70]	US	NIH-AARP Diet and Health Study	1995-2003	184,418 women	Breast cancer	0	1.00
						>0 to 5 g/day	1.04 (0.97 to 1.10)
						>5 to 10 g/day	1.04 (0.93 to 1.16)
						>10 to 20 g/day	1.13 (1.02 to 1.25)
2010 Li [71]	US	Women's Health Initiative to observational study (WHI-OS)	1993-2005	87,724 women	Breast cancer	Nondrinkers	1.00
						>0 to <0.5 drinks/wk	1.02 (0.87 to 1.18)
						0.5 to 0.9 drinks/wk	1.05 (0.85 to 1.28)
						1.0 to 3.9 drinks/wk	1.10 (0.94 to 1.30)
						4.0 to 6.9 drinks/wk	1.12 (0.91 to 1.36)
						7.0 to 13.9 drinks/wk	1.27 (1.05 to 1.53)
2011 Chen [72]	US	Nurses' Health Study	1980-2008	105,986 women (30-55 yr)	Breast cancer (invasive tumors)	Nondrinkers	1.00
						0.1 to 4.9 g/day	1.07 (1.00 to 1.14)
						5 to 9.9 g/day	1.15 (1.06 to 1.26)
2011 Kawai [73]	Japan	The Miyagi Cohort Study	1990-2003	19,227 women	Breast cancer	Never	1.00
						< 5.0 g/day	1.02 (0.72 to 1.46)
						5 to <15 g/day	1.21 (0.71 to 2.08)

2013 Liu [74]	US	Nurses' Health Study II	1989-2009	91,005 women (25-44 yr)	Breast cancer	0 0.1 to 4.9 g/day 5.0 to 14.9 g/day	1.00 1.08 (0.94 to 1.23) 1.11 (0.94 to 1.32)
2014 Falk [75]	US	Prostate, Lung, Colorectal, and Ovarian Cancer Screening Trial Cohort	1993-2009	54,562 women (55-74 yr)	Breast cancer	Never <0.5 drink/wk 0.5 to <1 drink/wk 1 to <7 drinks/wk	1.00 1.15 (0.97 to 1.36) 1.25 (1.03 to 1.53) 1.26 (1.07 to 1.49)
2014 Park [76]	US	Multiethnic Cohort in California and Hawaii	1993-2007 (mean 12.4 yrs)	85,089 women	Breast cancer	0 0.1 to 4.9 g/day 5 to 9.9 g/day 10 to 14.9 g/day	1.00 0.98 (0.91 to 1.07) 1.23 (1.06 to 1.42) 1.21 (1.00 to 1.45)
2015 Chhim [77]	France	SU.VI.MAX	1994-2007	3,771 women	Breast cancer	0 to <3 g/day 3 to 12 g/day	1.00 1.55 (1.101 to 2.38)
2015 Fagherazzi [78]	France	French E3N-EPIC cohort	1993-2008	66,481 women	Breast cancer	None 10 to 20 g/day	1.00 1.02 (0.97 to 1.07)
2015 Hippisley- Cox [4]	UK	Primary care patients from open cohort study using Qresearch database (EMIS computer system)	1998-2013	Women	Breast cancer	Non-drinkers <1 unit/day 1 to 2 units/day	1.00 1.05 (1.03 to 1.08) 1.11 (1.07 to 1.15)
2015 Klatsky [19]	US	Multiethnic Northern California population (Kaiser Permanente)	1978-2012	124,193 women/men	Breast cancer	Never drinkers <1 drink/day 1 to 2 drinks/day	1.00 1.1 (1.0 to 1.2) 1.2 (1.1 to 1.4)
2015 Shin [79]	Sweden	Swedish women's Lifestyle and Health study	1991-2009	45,233 women	Breast cancer	0 0.1 to 5 g/day 5.1 to 15 g/day	1.00 1.03 (0.89 to 1.20) 1.16 (0.99 to 1.36)
2016 Nitta [80]	Japan	Japan Collaborative Cohort	1988-2009	38,610 women	Breast cancer	0	1.00

Study (JACC)						0.1 to 4.9 g/day	1.25 (0.64 to 2.41)
						5.0 to 14.9 g/day	0.49 (0.15 to 1.56)
<b>Endometrial cancer</b>							
1993 Gapstur [81]	US	Iowa women's Health Study	1986-1990	25,170 women	Endometrial cancer	0	1.0
						>0 to <4.0 g/day	0.7 (0.5 to 1.1)
1999 Terry [82]	Sweden	Swedish Twin Registry	1967-1992	11,659 women	Endometrial cancer	None	1.0
						Up to 2 drinks/wk	1.7 (1.03 to 2.82)
						2 to 4 drinks/wk	1.2 (0.6 to 2.4)
2007 Loerbroks [83]	Netherlands	Netherlands Cohort Study	1986-1997 (11.3 yr)	62,573 women (55-69 yr)	Endometrial cancer	No	1.00
						0.1 to 4 g/day	1.09 (0.78 to 1.52)
						5 to 14 g/day	0.95 (0.62 to 1.45)
						15 to 29 g/day	0.94 (0.52 to 1.69)
2008 Kabat [26]	Canada	Canadian National Breast Screening Study	1980-2000	49,654 women	Endometrial cancer	Never	1.00
						>0 to <5g/day	1.15 (0.88 to 1.51)
						5 to <10 g/day	1.00 (0.71 to 1.41)
						10 to <20 g/day	1.21 (0.86 to 1.68)
						20 to <30 g/day	1.34 (0.85 to 2.12)
2008 Setiawan [84]	US	Multiethnic Cohort Study in California and Hawaii	1993-2002 (ave8.3yrs)	41,574 women	Endometrial cancer	Nondrinkers	1
						<1 drink/day	1.01 (0.77 to 1.33)
						1 to <2 drinks/day	1.09 (0.62 to 1.93)
2009 Allen [2]	UK	Million women Study	1996-2001	1,280,296 women	Endometrial cancer	Nondrinkers	1.06 (1.00 to 1.12)
						3 to 6 drinks/wk	0.99 (0.92 to 1.05)
						7 to 14 drinks/wk	0.90 (0.83 to 0.97)
2009 Friberg [85]	Sweden	Swedish Mammography	1987-1997	61,226 women	Endometrial	Nondrinkers	1.00

		Cohort			cancer	>0 to <3.4 g/day	1.01 (0.85 to 1.20)
						3.4 to 9.9 g/day	0.95 (0.75 to 1.19)
2011 Yang [86]	US	NIH-AARP Diet and Health study	1995-2006	114,414 women	Endometrial cancer	Nondrinkers	1.00
						>0 to <12 g/day	0.97 (0.87 to 1.09)
2014 Je [87]	US	Nurses' Health Study	1980-2010	68,067 women (34-59 yr)	Endometrial cancer	Nondrinkers	1.00
						0.1 to 4.9 g/day	0.78 (0.66 to 0.94)
						5 to 14.9 g/day	0.88 (0.71 to 1.09)
						15 to 29.9 g/day	0.83 (0.61 to 1.14)
<b>Ovarian cancer</b>							
2007 Chang [88]	US	California Teachers Study cohort	1995-2003	90,371 women	Ovarian cancer	None	1.00
						>0 to <10.0 g/day	1.04 (0.76 to 1.42)
						10.0 to <20.0 g/day	1.47 (1.06 to 2.03)
2008 Kabat [26]	Canada	Canadian National Breast Screening Study	1980-2000	49,654 women	Ovarian cancer	Never	1.00
						>0 to <5g/day	0.90 (0.63 to 1.29)
						5 to <10 g/day	1.33 (0.89 to 1.96)
						10 to <20 g/day	0.85 (0.54 to 1.32)
						20 to <30 g/day	1.50 (0.88 to 2.56)
2008 Tworoger [89]	US	Nurses' Health Study (NHS)	1976-2004	110,454 women	Ovarian cancer (epithelial)	<0.1 g/day	1.00
						0.1 to 4.9 g/day	1.05 (0.83 to 1.33)
						5.0 to 14.9 g/day	0.99 (0.75 to 1.30)
2009 Allen [2]	UK	Million women Study	1996-2001	1,280,296 women	Ovarian cancer	Nondrinkers	0.94 (0.88 to 1.01)
						1 to 2 drinks/wk	1.00
						3 to 6 drinks/wk	0.89 (0.83 to 0.95)
						7 to 14 drinks/wk	0.97 (0.90 to 1.05)

2015 Klatsky [19]	US	Multiethnic Northern California population (Kaiser Permanente)	1978-2012	124,193 women/men	Ovarian cancer	Never drinkers	1.0
						<1 drink/day	1.2 (0.9 to 1.6)
						1 to 2 drinks/day	1.2 (0.8 to 1.8)
<b>Cervix and uterus cancer</b>							
2009 Allen [2]	UK	Million women Study	1996-2001	1,280,296 women	Cervix cancer	Nondrinkers	1.31 (1.10 to 1.55)
						1 to 2 drinks/wk	1.00
						3 to 6 drinks/wk	1.04 (0.86 to 1.27)
						7 to 14 drinks/wk	0.98 (0.79 to 1.22)
2015 Klatsky [19]	US	Multiethnic Northern California population (Kaiser Permanente)	1978-2012	124,193 women/men	Cervix cancer	Never drinkers	1.00
						<1 drink/day	1.0 (0.8 to 1.3)
						1 to 2 drinks/day	1.0 (0.8 to 1.4)
<b>Prostate cancer</b>							
1990 Stemmermann [35]	US	American men of Japanese ancestry residing in Hawaiian island (Oahu)	1965-1989	8,006 men	Prostate cancer	0	1.00
						>0 to <5 oz/month	0.87 (0.61 to 1.25)
						5 to 14 oz/month	0.86 (0.57 to 1.29)
						15 to 39 oz/month	1.02 (0.69 to 1.52)
1999 Breslow [90]	US	National Health and Nutrition Examination Survey (NHANES I)	1971-1992	5,766 men	Prostate cancer	Nondrinkers	1.00
						>0 to 1 drinks/wk	0.97 (0.67 to 1.41)
						2 to 7 drinks/wk	0.88 (0.64 to 1.21)
						8 to 14 drinks/wk	0.96 (0.61 to 1.50)
1999 Parker [91]	US	NCI's SEER program	1980-1995	1,177 men	prostate cancer	none	1.0
						<22 g/week	1.3 (0.7-2.5)
						23 to 92 g/week	2.4 (1.3-4.2)
1999 Schuurman [92]	Netherlands	Netherlands Cohort Study	1986 (6.3 yr)	58,279 men (aged 55-69)	Prostate cancer	Nondrinkers	1.0



						0.1 to 4 g/day	1.1 (0.8 to 1.5)
						5 to 14 g/day	0.9 (0.7 to 1.3)
						15 to 29 g/day	1.1 (0.8 to 1.4)
2000 Ellison [93]	Canada	Nutrition Canada Survey (NCS)	1970-1993	3,400 men (50-84 yr)	Prostate cancer	0	1.00
						>0 to 9.9 mL/day	0.96 (0.63 to 1.47)
						10.0 to 24.9 mL/day	0.85 (0.50 to 1.45)
2001 Sesso [94]	US	Harvard alumni	1988-1993	7,612 men (mean 66 yr)	Prostate cancer	Almost never	1.00
						1 drink/mo to <3 drink/wk	1.33 (0.88 to 2.01)
						3 drinks/wk to <1 drink/day	1.65 (1.12 to 2.44)
2002 Albertsen [95]	Denmark	Copenhagen Center for Prospective Population Studies (Copenhagen City Heart Study, Copenhagen Male Study, Copenhagen County Center for Preventive Medicine)	1976-1994 (mean 12.3 yr)	12,989 men (20-98 yr)	Prostate cancer	<1 drink/wk	1.00
						1 to 6 drinks/wk	0.90 (0.61 to 1.34)
						7 to 13 drinks/wk	0.86 (0.57 to 1.29)
						14 to 20 drink/wk	0.91 (0.58 to 1.44)
2004 Platz [96]	US	Health Professionals Follow-up Study	1986-1998	47843 men (40-75yrs)	Prostate cancer	0	1.00
						0.1 to 4.9 g/day	0.99 (0.87 to 1.11)
						5.0 to 14.9 g/day	1.05 (0.94 to 1.18)
						15.0 to 29.9 g/day	1.13 (0.98 to 1.31)
2006 Weinstein [97]	US	Alpha-Tocopherol Beta-Carotene Cancer Prevention Study cohort	1985-2002	29,133 men	Prostate cancer	Nondrinkers	1
						≤3.7 g/day	0.98 (0.8 to 1.2)
						>3 to ≤10 g/day	0.96 (0.78 to 1.17)
						>10 to ≤18.7 g/day	1.03 (0.84 to 1.26)
						>18.7 to ≤32.2 g/day	0.90 (0.83 to 1.11)
2006 Velicer [98]	US	VITAL Study	2000-2004	34,565 men	Prostate cancer	None or <1 drink/mo	1

						<1/mo to <4drinks/mo	1.26 (1.05 to 1.5)
						5 drinks/mo to 2/day	1.20 (0.99 to 1.46)
2007 Sutcliffe [99]	US	Health Professionals Follow-up Study (HPFS)	1986-2002	45,433 men	Prostate cancer	No alcohol consumption	1.00
						0.01 to 1.31 g/day	0.90 (0.74 to 1.09)
						1.32 to 2.41 g/day	1.02 (0.85 to 1.22)
						2.42 to 7.03 g/day	1.12 (0.97 to 1.29)
						7.04 to 16.4 g/day	1.16 (1.01 to 1.32)
2009 Gong [100]	US	Prostate Cancer Prevention Trial		2,129 men	Prostate cancer	No alcohol consumption	1.00
						>0 to < 3g/day	0.97 (0.85 to 1.11)
						3 to <15 g/day	0.98 (0.85 to 1.12)
						15 to <30 g/day	1.05 (0.89 to 1.23)
2010 Chao [101]	US	California men's Health Study (CMHS)	2002-2007	65,972 men	Prostate cancer	Nondrinker	1.0
						<1 drink/day	0.98 (0.86 to 1.11)
						1 to <3 drinks/day	0.98 (0.84 to 1.15)
2010 Watters [102]	US	NIH-AARP Diet and Health Study	1995-2005	294,707 men (50-71 yr)	Prostate cancer	Nondrinkers	1.00
						>0 to <1 drinks/day	1.06 (1.01 to 1.10)
2015 Klatsky19	US	Multiethnic Northern California population (Kaiser Permanente)	1978-2012	124,193 women/men	Prostate cancer	Never drinkers	1.00
						<1 drink/day	1.1 (0.9 to 1.2)
						1 to 2 drinks/day	1.1 (1.0 to 1.3)
<b>Renal cell carcinoma</b>							
2005 Mahabir [103]	US	Alpha-Tocopherol BetaCarotene (ATBC) Cancer Prevention Study	1985-1999	27,111 men	Renal cell carcinoma	0 to 2.5 g/day	1.00
						2.6 to 11.0 g/day	0.91 (0.62 to 1.33)
						11.1 to 25.6 g/day	0.94 (0.64 to 1.38)
2007 Setiawan [104]	US	Hawaii-Los Angeles Multiethnic Cohort	1993-2002 (8.3 yr)	85,964 women	Renal cell carcinoma	None	1.00
						>0 to <4.2 g/day	0.75 (0.45 to 1.24)

				75,162 men		None	1.00
						>0 to <14.5 g/day	0.84 (0.61 to 1.15)
2008 Schouten [105]	Netherlands	NLCS on Diet and Cancer	1986-1997	5,044 women/men (2415 women, 2629 men)	Renal cell carcinoma	No alcohol intake	1.00
						0.1 to 4.9 g/day	0.71 (0.50 to 1.00)
						5.0 to 14.9 g/day	0.66 (0.46 to 0.94)
2009 Allen [2]	UK	Million women Study	1996-2001	1,280,296 women	Renal cell carcinoma	Nondrinkers	1.12 (1.00 to 1.26)
						1 to 2 drinks/wk	1.00
						3 to 6 drinks/wk	1.01 (0.89 to 1.14)
						7 to 14 drinks/wk	0.93 (0.80 to 1.07)
2012 Macleod [106]	US	VITAL study	2000-2009	77,260 women/men (50-76yrs)	Renal cell carcinoma	Nondrinkers	1.00
						1 drink/day	0.94 (0.71 to 1.26)
						2 drinks/day	0.76 (0.47 to 1.20)
2015 Karami [107]	US	Prostate, Lung, Colorectal and Ovarian Cancer Screening Trial (PLCO)	1993-2001	107,998 women/men	Renal cell carcinoma	None	1
						>0 to 1.75 g/day	0.98 (0.75 to 1.29)
						>1.75 to 9.75 g/day	0.77 (0.58 to 1.02)
				women		None	1
						>0 to 1.75 g/day	0.86 (0.58 to 1.28)
						>1.75 to 9.75 g/day	0.51 (0.30 to 0.88)
				men		None	1
						>0 to 1.75 g/day	1.09 (0.76 to 1.58)
						>1.75 to 9.75 g/day	0.93 (0.66 to 1.31)
2015 Klatsky [19]	US	Multiethnic Northern California population (Kaiser Permanente)	1978-2012	124,193 women/men	Renal cell carcinoma	Never drinkers	1.00
						<1 drink/day	1.0 (0.7 to 1.4)
						1 to 2 drinks/day	0.9 (0.6 to 1.4)
<b>Bladder cancer</b>							
1993 Chyou [108]	Japan	American men of Japanese	1965~	7,995 men	Bladder cancer	0	1.0

		ancestry residing in Hawaiian island				<15 g/day	1.31 (0.8 to 2.13)
2001 Zeegers [109]	Netherlands	Netherlands Cohort Study	1986-1992	62,573 women	Bladder cancer	No alcohol	1.0
				58,279 men		<5 g/day	0.97 (0.56 to 1.69)
						No alcohol	1.0
						<5 g/day	1.49 (1.00 to 2.21)
						5 to <15 g/day	1.52 (1.04 to 2.21)
						15 to <30 g/day	1.16 (0.78 to 1.71)
2009 Allen [2]	UK	Million women Study	1996-2001	1,280,296 women	Bladder cancer	Nondrinkers	1.06 (0.94 to 1.21)
						3 to 6 drinks/wk	1.05 (0.92 to 1.21)
						7 to 14 drinks/wk	0.91 (0.77 to 1.07)
2015 Klatsky [19]	US	Multiethnic Northern California population (Kaiser Permanente)	1978-2012	124,193 women/men	Bladder cancer	Never drinkers	1.00
						<1 drink/day	1.2 (0.9 to 2.6)
						1 to 2 drinks/day	1.3 (0.9 to 1.7)
<b>Thyroid cancer</b>							
2005 Navarro Silvera [110]	Canada	Canadian National Breast Screening Study (NBSS)	~2000	89,835 women	Thyroid cancer	None	1.0
						1 to 3 g/day	1.17 (0.68 to 2.01)
						3 to 10 g/day	0.67 (0.36 to 1.22)
2009 Allen [2]	UK	Million women Study	1996-2001	1,280,296 women	Thyroid cancer	Nondrinkers	1.10 (0.91 to 1.33)
						3 to 6 drinks/wk	0.90 (0.74 to 1.10)
						7 to 14 drinks/wk	0.70 (0.55 to 0.91)
2009 Meinhold [111]	US	NIH-AARP Diet and Health Study	1995-1996 (7.5 yr, median)	490,159 women/men (50-71 yr)	Thyroid cancer	Nondrinkers	1.00
						>0 to <1 drink/wk	0.87 (0.66 to 1.13)
						1 to 6 drinks/wk	0.87 (0.66 to 1.16)
						1 to 2 drinks/day	0.67 (0.44 to 1.00)

				198,058 women		Nondrinkers	1.00
						>0 to <1 drink/wk	0.81 (0.58 to 1.14)
						1 to 6 drinks/wk	0.84 (0.57 to 1.24)
				292,101 men		1 to 2 drinks/day	0.55 (0.31 to 0.95)
						Nondrinkers	1.00
						>0 to <1 drink/wk	0.97 (0.62 to 1.51)
						1 to 6 drinks/wk	0.90 (0.59 to 1.38)
						1 to 2 drinks/day	0.69 (0.40 to 1.20)
2010 Meinhold [112]	US	US Radiologic Technologists Study	1983-2006	69,506 women	Thyroid cancer	Nondrinker	1.0
						<1 drink/wk	0.86 (0.62 to 1.20)
						1-6 drinks/wk	0.86 (0.60 to 1.23)
				21,207 men		Nondrinker	1.0
						<1 drink/wk	1.03 (0.45 to 2.38)
						1-6 drinks/wk	0.62 (0.25 to 1.54)
2012 Kabat [113]	US	women's Health Initiative	1993-2002	159,340 women (50-79 yr)	Thyroid cancer	Nondrinkers	1.00
						>0 to <1 drink/wk	0.93 (0.69 to 1.25)
						1 to <7 drinks/wk	0.95 (0.72 to 1.25)
2015 Klatsky [19]	US	Multiethnic Northern California population (Kaiser Permanente)	1978-2012	124,193 women/men	Thyroid cancer	Never drinkers	1.00
						<1 drink/day	1.0 (0.6 to 1.6)
						1 to 2 drinks/day	0.6 (0.3 to 1.1)
						1 to <4 g/day	1.01 (0.76 to 1.36)
<b>Hematologic malignancy</b>							
1999 Chiu [114]	US	Iowa women's Health Study	1987-1992	41,837 women	Hematologic malignancy (NHL)	Nondrinkers	1.0
						≤3.4 g/day	0.78 (0.51 to 1.21)
2007 Lim [115]	US	NIH-AARP Diet and Health Study	1995-2000	465,858 women/men	Hematologic malignancy	None	1.00

					(Hodgkin's lymphoma)	0.1 to 1.9 drinks/wk 2 to 7 drinks/wk 7.1 to 14 drinks/wk	0.73 (0.39 to 1.36) not shown 0.76 (0.37 to 1.58)
2009 Allen [2]	UK	Million women Study	1996-2001	1,280,296 women	Hematologic malignancy (Non-Hodgkin's Lymphoma)	Nondrinkers 1 to 2 drinks/wk 3 to 6 drinks/wk 7 to 14 drinks/wk 3 to 6 drinks/wk	1.03 (0.95 to 1.12) 1.00 1.02 (0.94 to 1.11) 0.86 (0.78 to 0.96) 0.93 (0.81 to 1.07)
2009 Klatsky [116]	US	members of comprehensive pre-paid health care programme in SF Bay area	1978-2006 (16.9yrs)	126,293 women/men (mean 41.0 yr)  70,598 women  55,695 men	Hematologic malignancy	Never to <1 drink/month >0 to <1 drink/day 1 to 2 drinks/day never to <1 drink/month >0 to <1 drink/day 1 to 2 drinks/day Never to <1 drink/month >0 to <1 drink/day 1 to 2 drinks/day	1.00 1.0 (0.90 to 1.20) 0.9 (0.70 to 1.00) 1.00 0.9 (0.8 to 1.2) 0.9 (0.7 to 1.2) 1.00 1.1 (0.9 to 1.4) 0.9 (0.7 to 1.1)
2010 Chang [117]	US	California Teachers Study	1995-2007	102,721 women	Hematologic malignancy (B-cell NHL)  Hematologic malignancy (multiple myeloma)	Nondrinkers 0.1 to <5 g/day 5 -< 10g/day Nondrinkers 0.1 to <10 g/day	1.00 1.16 (0.88 to 1.54) 0.98 (0.73 to 1.31) 1.00 0.65 (0.39 to 1.09)
2010 Troy [118]	US	PLCO Cancer Screening Trial	1993-2006	142,982 women/men (55-74 yr)	Hematologic malignancy (NHL)	0 to <1 drink/wk 1 to 3 drinks/wk 4 to 13 drinks/wk	1.00 1.08 (0.85 to 1.37) 0.88 (0.68 to 1.14)

2012 Gapstur [119]	US	Cancer Prevention Study II Nutrition cohort	1992-2007	143124 women/men (50-74yrs)	Hematologic malignancy (NHL)	Nondrinkers	1.00	
						>0 to <1 drink/day	0.93 (0.83 to 1.03)	
						1 to 2 drinks/day	0.91 (0.78 to 1.06)	
				74,785 women		Nondrinkers	1.00	
						>0 to <1 drink/day	0.95 (0.81 to 1.10)	
						1 to 2 drinks/day	0.87 (0.67 to 1.14)	
				68,339 men		Nondrinkers	1.00	
						>0 to <1 drink/day	0.90 (0.78 to 1.05)	
		1 to 2 drinks/day	0.90 (0.75 to 1.09)					
2015 Klatsky [19]	US	Multiethnic Northern California population (Kaiser Permanente)	1978-2012	124,193 women/men	Hematologic cancer	Never drinkers	1.0	
						<1 drink/day	1.1 (0.9 to 1.2)	
						1 to 2 drinks/day	1.0 (0.8 to 1.2)	
<b>Malignant melanoma</b>								
2003 Freedman [120]	US	US Radiologic Technologists (USRT) Study	1983-1998	68,588 women/men	Melanoma	Never	1.0	
						<1 to 6 drinks/wk	1.2 (0.8 to 1.8)	
						7 to 14 drinks/wk	1.4 (0.8 to 2.5)	
				54,045 women		Never	1.0	
						<1 to 6 drinks/wk	1.2 (0.7 to 1.9)	
						7 to 14 drinks/wk	1.7 (0.9 to 3.1)	
				14,543 men		Never	1.0	
						<1 to 6 drinks/wk	1.5 (0.7 to 3.4)	
		7 to 14 drinks/wk	0.9 (0.2 to 3.0)					
2014 Kubo [121]	US	Women's Health Initiative to observational study (WHI-OS)	1993-2010	59,575 women	Melanoma	Nondrinkers	1.00	
						<1 drink/wk	1.10 (0.74 to 1.66)	
						1 to <7 drinks/wk	1.40 (0.95 to 2.06)	
						Non-melanoma	Nondrinkers	1.00
							<1 drink/wk	1.08 (0.98 to 1.20)

2015 Klatsky [19]	US	Multiethnic Northern California population (Kaiser Permanente)	1978-2012	124,193 women/men	Melanoma	1 to <7 drinks/wk	1.15 (1.05 to 1.27)
						Never drinkers	1.0
						<1 drink/day	1.6 (1.2 to 2.1)
						1 to 2 drinks/day	1.9 (1.4 to 2.6)