

表E-3 喫煙と胃がんとの関連に関するコホート研究(エビデンステーブル)

References	Study population						Number among cases	Relative risk (95%CI or p)	p for trend	Confounding variables considered	Comments
	Year	Study period	Number of subjects for analysis	Source of subjects	Event followed	Number of incident cases or deaths					
Kono S Jpn J Cancer Res; 1987; 78: 1323-1328	1987	1965-1984	5,130 men	Death certificate	Death	116	Never Current 1-19/day Current 20-/day	1.0 1.66 (1.07 - 2.59) 1.79 (1.09 - 2.96)		Age, alcohol	
Hirayama T Lancet 1989; 23: 725-727	1990		265,118	Death certificate	Death	5,247	Ever smoker men Ever smoker women	1.45 1.18			
Kato I Jpn J Cancer Res; 1992; 83: 1137-1142	1992	1985-1989	3,914	Death certificate, gastroendoscopic records	Incidence	45	Never Past Current 1-19/day Current 20-/day	1.0 1.17 (0.47 - 2.94) 1.08 (0.36 - 3.26) 2.24 (0.92 - 5.44)		Age, sex, residence	
Kato I Jpn J Cancer Res; 1992; 83: 568-575	1992	1985-1991	9,735	Death certificate	Death	57	Male and Female Past Current Male Never Past Current Female Never Past Current	1.0 2.62 (0.97 - 7.05) 2.18 (1.07 - 4.43) 1.0 2.56 (0.81 - 8.12) 2.58 (1.09 - 6.10) 1.0 4.87 (0.64 - 36.8) 1.69 (0.39 - 7.31)		Alcohol, cooking methods, family history Age, sex	
Inoue M Int J Cancer 1996; 66: 309-314	1996	1985-1991 (mean 6-yr)	5,373 2,552 men 2,821 women Age: not specified (examination), Aichi Prefecture	Atrophic gastritis (underwent gastroscopic examination), Aichi Prefecture	Incidence	69 51 (men) 18 (women)	Without atrophic gastritis Never Past Current 1-19/day Current 20-/day With atrophic gastritis Never Past Current 1-19/day Current 20-/day	1.00 0.73 (0.29-1.81) 0.66 (0.20-2.18) 1.57 (0.71-3.48) 1.0 0.85 (0.39-1.85) 0.69 (0.22-2.14) 1.57 (0.74-3.32)		Adjusted for age, sex	

References	Study population						Number among cases	Relative risk (95%CI or p)	p for trend	Confounding variables considered	Comments
	Year	Study period	Number of subjects for analysis	Source of subjects	Event followed	Number of incident cases or deaths					
						Age started smoking (years) 21-	13	4.2 (1.3 - 13.1)			
						Age started smoking (years) 20	6	1.2 (0.3 - 4.5)			
						Age started smoking (years) 1-19	5	2.4 (0.6 - 9.5)	0.06		
						Pack years 0.05-20.9	7	1.7 (0.5 - 5.9)			
						Pack years 21-33	12	2.8 (0.9 - 8.9)			
						Pack years 33.15-	9	1.6 (0.5 - 5.5)	0.85		
					Distal gastric cancer	Never	16	1.0			
					Differentiated	Past	33	2.0 (1.1 - 3.7)			
						Current	75	2.1 (1.2 - 3.6)			
						Cigarette/6day 1-19	19	1.9 (1.0 - 3.7)			
						Cigarette/6day 20	31	2.2 (1.2 - 4.1)			
						Cigarette/6day 21-	25	2.6 (1.3 - 4.9)	0.31		
						Age started smoking (years) 21-	25	2.2 (1.2 - 4.3)			
						Age started smoking (years) 20	35	2.2 (1.2 - 4.0)			
						Age started smoking (years) 1-19	15	2.2 (1.1 - 4.5)	0.81		
						Pack years 0.05-20.9	20	1.3 (0.7 - 2.6)			
						Pack years 21-33	42	2.7 (1.5 - 4.9)			
						Pack years 33.15-	42	2.2 (1.2 - 4.0)	0.16		

References	Study population						Number among cases	Relative risk (95%CI or p)	p for trend	Confounding variables considered	Comments
	Year	Study period	Number of subjects for analysis	Source of subjects	Event followed	Number of incident cases or deaths					
						Distal gastric cancer	18	1.0			
						Undifferentiated	18	0.9 (0.5 - 1.8)			
							27	0.6 (0.3 - 1.1)			
							11	0.9 (0.4 - 1.8)			
							11	0.6 (0.3 - 1.3)			
							5	0.3 (0.1 - 0.8)	0.09		
							6	0.4 (0.2 - 1.1)			
							16	0.7 (0.4 - 1.5)			
							5	0.5 (0.2 - 1.4)	0.50		
							19	1.0 (0.5 - 2.0)			
							10	0.5 (0.2 - 1.1)			
							16	0.6 (0.3 - 1.3)	0.20		
Fujino Y Prev Med, 2002; 35: 121- 127	2002	1988-1997 (10-yr)	127,477 Present study 18,746 (men) 26,184 (women)	Population-based 45 areas of Japan JACC	Death ICD-9 ICD-10	379 261 (men) 118 (women)	Men Never Past Current	1.00 1.12 (0.77-1.62) 1.26 (0.88-1.78)		Adjusted for age	
							94	1.0		Adjusted for age	
							1	0.44 (0.06-3.13)			
							3	0.63 (0.20-1.98)			

表E-4 喫煙と胃がんとの関連に関するケースコントロール研究 (エビデンステーブル)

References author	Study time		Study subjects		Category	Relative risk (95%CI or p)	p for trend	Confounding variables considered	Comments	
	year	Type and source	Definition	Number of cases						Number of controls
Haenzel W J Natl Cancer Inst 1976; 56: 265-274	1976	1962-1964 (Hiroshima), 1962-1965 (Miyagi)	Hospital-based (Hiroshima) Univ Hospital, Hiroshima Prefectural hospital, Hiroshima Red Cross Hospital, Hiroshima Atomic Bomb Hospital, Hiroshima Citizens Hospital, National Kure Hospital, Tohoku Univ Hospital, National Sendai	Cases: 367 (Hiroshima) 416 (Miyagi)	724 832 (Miyagi)	Never Tobacco Use	1.0 1.14 (Hiroshima) 1.31 (Miyagi)	Matched (1:2) age (± 1 yrs) sex taking the same hospital services		
				histologically confirmed cases received gastroscopic examination Controls: patients with other diseases adn the same hospital services of each cases			Adjusted for prefecture occupation sex age			
Tajima K Jpn J Cancer Res 1985; 76: 705-706	1985	1981-1983	Hospital-based (Aichi Cancer Center)	Cases: histologically confirmed cases received histologically confirmed examination Controls: patients without stomach cancer	93	Ever Use Ever Use (adjusted by history of education) Brinkman Index <600 Brinkman Index 600- Starting age <20yrs olds Starting age 20-yrs olds	1.99 2.06 1.18 2.76 3.96 2.18	Matched for age (± 5 yrs) sex time of interviews (± 6 months) Adjusted for age sex	*significantly different from that for controls	
	Hoshino H Jpn J Cancer Res 1985; 76: 846-850	1985	1979-1982	Hospital-based	Cases: undergone operation at the National Cancer Center hospital Control: Minatoku & Stagayaku Clinics patients	460	Family history(-) smoking (-)	1.0	Mached (1:1) for	*significantly different from that for controls
							Family history(+) smoking (-)	1.67	sex	
							Family history(-) smoking (+)	2.88		<0.05*
							Family history(+) smoking (+)	4.30		<0.05* age (under 59 yrs or over 60 years) famili history of gastric cancer

表E-4-2/12

References author	Study time year	Study subjects		Category	Relative risk (95%CI or p)	p for trend	Confounding variables considered	Comments					
		Type and source	Definition						Number of cases	Number of controls			
Kono S Jpn J Cancer Res 1988; 79: 1067-1074	1979-1982	Hospital-based (Karatsu Stomach Institute)	Cases: newly diagnosed as having gastric cancer at the Institute	139	Hospital 2,547	vs hospital controls	General Matched (1:2) for sex age	2) Smoked at least for one cigarette/day for 6 months or more					
				74 (Men)	1,171 (Men)	Men			1.0				
				65 (Women)	1,403	Never Low ¹⁾ High ²⁾			1.2 1.9				
									<0.05				
					General 278	Women			Adjusted for age	2) Smoked at least one cigarette/day for 6 months 20- /day or more and for 30 years			
					148 (Men)	Never					1.0		
					130 (Women)	Low ¹⁾ High ²⁾					2.5 1.4		
						Men and Women							
						Hospital controls : patients without gastric cancer				Men Never Low ¹⁾ High ²⁾	1.0 1.7 2.5	<0.05	
						General population patients who were visited the Institute for the first time without gastric cancer				vs general controls			
				Men Never Low ¹⁾ High ²⁾	1.0 1.1 1.8								
				Women Never Low ¹⁾ High ²⁾	1.0 1.1 1.0								
				Men and Women Never Low ¹⁾ High ²⁾	1.0 1.1 1.8								

References author	Study time year	Study time	Study subjects		Category	Relative risk (95%CI or p)	p for trend	Confounding variables considered	Comments			
			Type and source	Definition						Number of cases	Number of controls	
Unakami M Acta Pathologica Japonica 1989; 39: 420-424	1989	1977-1986	Hospital-based (Toranomon Hospital)	Cases:	1,347	221	1.0					
				Definition	924 (Men) 423 (Women)	140 (Men) 81 (Women)						
				Control: out patients without gastric cancer diagnosed by gastroendoscopic exam					2.8 NS	<0.05*	* significantly different from that for controls	
Kato I Cancer Res 1990; 50: 6559-6564	1990	1985-1989	Hospital-based (Aichi Cancer Center)	Cases:	427	3,014	1.0					
				Definition	289 (Men) 138 (Women)	1,247 (Men) 1,767						
				Controls: patients with normal gastric mucosa					2.67 (1.37 - 5.22) 1.76 (0.73 - 4.22) 3.32 (1.71 - 6.44)		Adjusted for age residence	
				Diffuse type					1.0			
				Never					2.67 (1.37 - 5.22)			
				Past					1.76 (0.73 - 4.22)			
				Current 1-19/day					3.32 (1.71 - 6.44)			
				Current 20-/day								
				Intestinal type					1.0			
				Never					1.58 (0.91 - 2.75)			
				Past					2.25 (1.16 - 4.34)			
				Current 1-19/day					2.95 (1.70 - 5.09)			
				Current 20-/day								
				Women					1.0			
				Diffuse type					1.01 (0.30 - 3.39)			
				Never					0.49 (0.12 - 2.07)			
				Past					1.09 (0.33 - 3.62)			
				Current 1-19/day					1.09 (0.33 - 3.62)			
				Current 20-/day								
				Intestinal type					1.0			
				Never					1.18 (0.26 - 5.34)			
				Past					0.78 (0.17 - 3.58)			
				Current 1-19/day					2.73 (0.75 - 9.91)			
				Current 20-/day					2.73 (0.75 - 9.91)			

表B-4-5/12

References author	Study year	Study time	Study subjects		Category	Relative risk (95%CI or p)	p for trend	Confounding variables considered	Comments
			Type and source	Definition					
Inoue M Int J Cancer 1994; 56: 494-499	1994	1988-1991	Hospital-based (Aichi Cancer Center)	Cases: histologically confirmed cases Controls: First-visit	Men Total Never Past Past <1 yr after quitting Past 1-9 yrs after quitting Past 10> yrs after quitting Current Current 20-/day Current 1-19/day	420 (Men) Upper third; 79 Middle third; 133 Lower third; 170	420 (Men) Upper third; 79 Middle third; 133 Lower third; 170	1.00 2.39 (1.57 - 3.64) 2.64 (1.17 - 5.19) 2.51 (1.52 - 4.14) 2.27 (1.39 - 3.69) 2.70 (1.80 - 4.06) 2.70 (1.61 - 4.14) 2.70 (1.61 - 4.54)	Matched (1:1) age (±2 yrs) sex time of hospital visit (±3 months)
					Upper third				
					Never			1.00	
					Past			4.12 (1.55 - 11.0)	
					Past <1 yr after quitting			6.85 (1.88 - 25.0)	
					Past 1-9 yrs after quitting			4.68 (1.60 - 13.7)	
					Past 10> yrs after quitting			2.81 (0.92 - 8.59)	
					Current			4.71 (1.81 - 12.3)	
					Current 20-/day			4.28 (1.59 - 11.5)	
					Current 1-19/day			5.94 (2.04 - 17.3)	
					Middle third				
					Never			1.00	
					Past			1.61 (0.89 - 2.91)	
					Past <1 yr after quitting			3.63 (0.77 - 5.76)	
					Past 1-9 yrs after quitting			1.41 (0.67 - 2.95)	
					Past 10> yrs after quitting			1.70 (0.86 - 3.36)	
					Current			1.93 (1.10 - 3.40)	
					Current 20-/day			2.17 (1.21 - 3.90)	
					Current 1-19/day			1.35 (0.62 - 2.97)	

References author	Study time		Study subjects		Category	Relative risk (95%CI or p)	p for trend	Confounding variables considered	Comments
	year	Type and source	Definition	Number of cases					
Murata M Cancer Detect Prev 1996; 20: 557-565	1996	1984-1993 General (Chiba Cancer Registry)	Case: detected by record linkage to a computer file of the Chiba Cancer Registry	246	493	Lower third Never Past Past <1 yr after quitting Past 1-9 yrs after quitting Past 10> yrs after quitting Current Current 20-/day Current 1-19/day	1.00 2.74 (1.50 - 5.01) 2.14 (0.73 - 6.05) 3.03 (1.52 - 6.05) 2.72 (1.38 - 5.36) 3.01 (1.68 - 5.42) 3.01 (1.64 - 5.53) 2.97 (1.45 - 6.10)		
					Women Total Never Smoker Upper third; Never Smoker Middle third Never Smoker Lower third Never Smoker	1.00 1.18 (0.71 - 1.97) 1.00 1.28 (0.52 - 3.11) 1.00 1.00 (0.48 - 2.09) 1.00 1.31 (0.66 - 2.60)			
					No. of cigarettes/day 0 No. of cigarettes/day 1-10/day No. of cigarettes/day 11- No. of cigarettes/day 21-/day	1.0 1.0 1.1 1.1	Matched (1:2) age (±2 yrs) sex	0.2	the first digit of the address code
			Control: based on a cohort of men participants in a gastric mass screening program						

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References author	Study time year	Study subjects			Category	Relative risk (95%CI or p)	p for trend	Confounding variables considered	Comments
		Type and source	Definition	Number of cases					
Huang X Nutr Cancer 2000; 38: 30-36	1990-1995	Hospital-based (Aichi Cancer Center)	Cases: histologically confirmed cases received histologically confirmed examination Controls: patients without stomach cancer	850	28,619	Never Current	1.0 2.29 (1.87 - 2.82)		
Inoue M Int J Cancer 1999; 81: 39-43	1988-1995	Hospital-based (Aichi Cancer Center)	Cases: histologically confirmed cases Controls: First-visit outpatients without history of cancer	651 (Men) 344 (Women)	12,041 (Men) 31,805	Men Total Never Former Current Current<20/day Current20-/day Current age-stated smoking Current age-stated smoking	1.0 1.70 (1.28 - 2.26) 2.50 (1.91 - 3.27) 2.50 (1.90 - 3.49) 2.50 (1.84 - 3.40) 2.50 (1.90 - 3.29) 2.51 (1.80 - 3.49)	<0.001	Adjusted for : age, year and season at first hospital visit, family history of gastric cancer, alcohol, fruit, salty food.
						Differentiated			
						Never	1.0		
						Former	1.93 (1.30 - 2.86)		
						Current	2.73 (1.86 - 3.99)		
						Current<20/day	2.72 (1.83 - 4.03)	<0.001	
						Current20-/day	2.76 (1.78 - 4.28)		
						Current age-stated smoking	2.71 (1.84 - 3.99)		
						Current age-stated smoking	2.80 (1.75 - 4.48)		
						Non-diff			
						Never	1.0		
						Former	1.50 (0.99 - 2.26)		
						Current	2.32 (1.59 - 3.38)		
						Current<20/day	2.33 (1.58 - 3.45)		
						Current20-/day	2.29 (1.50 - 3.50)	<0.001	
						Current age-stated smoking	2.33 (1.58 - 3.43)		
						Current age-stated smoking	2.29 (1.45 - 3.61)		

表E-4-9/12

References author	Study time year	Study time	Type and source	Definition	Study subjects	Number of cases	Number of controls	Category	Relative risk (95%CI or p)	p for trend	Confounding variables considered	Comments
				Controls: recruited from several health check programs in a hospital in the same area				Intestinal type				
								Never	1.0			
								Current 1-399 cigarette-yrs	1.25 (0.73 - 2.15)			
								Current 400-799 cigarette-	2.13 (1.31 - 3.44)			
								Current 800- cigarette-yrs	2.70 (1.65 - 4.42)	<0.01		
								Diffuse type				
								Never	1.0			
								Current 1-399 cigarette-yrs	1.06 (0.57 - 1.97)			
								Current 400-799 cigarette-	1.63 (0.93 - 2.87)			
								Current 800- cigarette-yrs	2.44 (1.37 - 4.33)	<0.01		
								Early				
								Never	1.0			
								Current 1-399 cigarette-yrs	1.42 (0.81 - 2.47)			
								Current 400-799 cigarette-	2.26 (1.37 - 3.75)			
								Current 800- cigarette-yrs	2.83 (1.68 - 4.78)	<0.01		
								Advanced				
								Never	1.0			
								Current 1-399 cigarette-yrs	0.98 (0.54 - 1.78)			
								Current 400-799 cigarette-	1.71 (1.02 - 2.89)			
								Current 800- cigarette-yrs	2.45(1.45-4.15)	<0.01		
								Proximal				
								Never	1.0			
								Current 1-399 cigarette-yrs	1.15 (0.51 - 2.57)			
								Current 400-799 cigarette-	2.11 (1.06 - 4.17)			
								Current 800- cigarette-yrs	2.83 (1.44 - 5.59)	<0.01		
								Middle				
								Never	1.0			
								Current 1-399 cigarette-yrs	0.87 (0.49 - 1.85)			
								Current 400-799 cigarette-	1.22 (0.72 - 2.07)			
								Current 800- cigarette-yrs	2.10 (1.24 - 3.55)	0.01		
								Distal				
								Never	1.0			
								Current 1-399 cigarette-yrs	1.95 (0.99 - 3.84)			
								Current 400-799 cigarette-	3.20 (1.75 - 5.86)			
								Current 800- cigarette-yrs	3.47 (1.86 - 6.45)	<0.01		

References author	Study time year	Study subjects		Category	Relative risk (95%CI or p)	p for trend	Confounding variables considered	Comments
		Type and source	Definition					
				Women				
				Total				
				Never	1.0			
				Current 1-399 cigarette-yrs	0.70 (0.40 - 1.22)			
				Current 400-cigarette-yrs	3.61 (1.57 - 8.30)	0.016		
				Intestinal type				
				Current 1-399 cigarette-yrs	0.76 (0.33 - 1.77)			
				Current 400-cigarette-yrs	2.50 (0.83 - 7.56)	0.20		
				Diffuse type				
				Current 1-399 cigarette-yrs	0.69 (0.35 - 1.35)			
				Current 400-cigarette-yrs	2.89 (1.10 - 7.61)	0.04		
				Early				
				Current 1-399 cigarette-yrs	0.66 (0.31 - 1.40)			
				Current 400-cigarette-yrs	2.57 (0.95 - 6.95)	0.08		
				Advanced				
				Current 1-399 cigarette-yrs	0.78 (0.38 - 1.60)			
				Current 400-cigarette-yrs	2.65 (0.95 - 7.35)	0.12		
				Proximal				
				Current 1-399 cigarette-yrs	0.34 (0.76 - 1.49)			
				Current 400-cigarette-yrs	3.43 (0.94 -	0.05		
				Middle				
				Current 1-399 cigarette-yrs	0.98 (0.51 - 1.87)			
				Current 400-cigarette-yrs	2.25 (0.81 - 6.25)	0.29		
				Distal				
				Current 1-399 cigarette-yrs	0.50 (0.16 - 1.51)			
				Current 400-cigarette-yrs	2.90 (0.97 - 8.69)	0.06		

References author	Study time year	Study time		Study subjects		Category	Relative risk (95%CI or p)	p for trend	Confounding variables considered	Comments
		Type and source	Definition	Number of cases	Number of controls					
Inoue M Int J Cancer 2002; 97: 833-838	1988-1998 2002	Hospital-based (Aichi Cancer Center) Postmenopausal women	Cases: histologically confirmed cases Controls: First-visit outpatients without history of cancer	365 Upper third; 72 Middle third; 155 Low third; 127 Diff; 133 Non-diff; 232	1,825	Never Past Current Current<20/day Current 20-/day Upper third Past Current Current<20/day Current 20-/day Middle third Past Current Current<20/day Current 20-/day Low third Past Current Current<20/day Current 20-/day Diff Past Current Current<20/day Current 20-/day Non-diff Past Current Current<20/day Current 20-/day	1.0 1.55 (0.92 - 2.61) 2.07 (1.46 - 2.93) 2.09 (1.44 - 3.04) 2.00 (0.82 - 4.89) 2.26 (0.93 - 5.49) 1.50 (0.70 - 3.24) 1.54 (0.68 - 3.48) 1.36 (0.18 - 10.5) 1.26 (0.56 - 2.84) 2.44 (1.53 - 3.89) 2.54 (1.55 - 4.14) 2.00 (0.57 - 7.02) 1.63 (0.72 - 3.68) 2.27 (1.32 - 3.91) 2.16 (1.20 - 3.87) 3.23 (0.91 - 11.5) 1.49 (0.66 - 3.37) 2.29 (1.36 - 3.85) 2.22 (1.28 - 3.87) 2.89 (0.82 - 10.2) 1.57 (0.84 - 2.93) 1.94 (1.27 - 2.95) 2.01 (1.28 - 3.14) 1.63 (0.54 - 4.94)		Adjusted for age year and season of interview family history of gastric cancer vegetable fish	

References author	Study time year	Study subjects			Category	Relative risk (95%CI or p)	p for trend	Confounding variables considered	Comments	
		Type and source	Definition	Number of cases						Number of controls
Minami Y Cancer Sci 2003; 94: 540-547	1997-2001	Hospital-based (Miyagi Cancer Center Hospital)	Cases: cancer identified with by Miyagi cancer registry	614 429 (Men) 185 (Women)	Never	1.0		Adjusted for		
						Ever	1.31 (1.02 - 1.67)		age	
						Former	1.17 (0.86 - 1.58)		sex	
						Current	1.38 (1.06 - 1.80)		year of survey	
						Men			alcohol	family history of index in parents and sibling
						Never	1.0			
						Ever	1.62 (1.20 - 2.19)			
						Former	1.49 (1.06 - 2.09)			
						Current	1.71 (1.25 - 2.36)			
						Women				
Never	1.0									
Ever	0.65 (0.36 - 1.18)									
Former	0.41 (0.10 - 1.75)									
Current	0.72 (0.38 - 1.37)									

表E-5 飲酒と胃がんとの関連に関するコホート研究(エビデンステーブル)

References	Study population							Number among cases	Relative risk (95%CI or p)	p for trend	Confounding variables considered	Comments	
	Year	Study period	Number of subjects for analysis, sex, age	Source of subjects	Event followed	Number of incident cases or deaths	Category						
Kono S Jpn J Cancer Res 1987; 78: 1323-1328	1987	1965-1983 (19-yr)	5,130 men	physician 9 prefectures Western, Japan	Death (ICD-8)	116	Never or past Occasional < 2 go/day* >= 2 go/day	Not specified	1.00 1.11 (0.69 - 1.79) 1.30 (0.79 - 2.12) 1.17 (0.66 - 2.07)	unknown	Adjusted for age smoking	*Expressed as go (1 go of sake ; 27ml alcohol)	
	Hirayama T Lancet 1989; 23: 725-727	1989	1966-1982 (17-yr)	265,118 122,261 (men) 142,857 (women)	population-based 6 prefectures Miyagi Aichi Osaka Hyogo Okayama Kagoshima	Death	unknown	None Infrequent Occasional Daily	Not specified	1.00 0.91 0.85 0.92	<0.05	Adjusted for age	
		Kato I Jpn J Cancer Res 1992; 83: 568-575	1992	1985-1991 (6-yr)	9,753	population-based Aichi prefecture	Death	57	Total	26	1.00	unknown	Adjusted for age
None									12	1.75 (0.84 - 3.61)	sex		
Occasional	7								1.20 (0.48 - 3.00)				
Daily <50 ml*	12								3.05 (1.35 - 6.91)				
Daily > 50ml	26								1.00	unknown	Adjusted for age, sex, broiled meats traditional family		
None	12								1.77 (0.85 - 3.68)				
Occasional	7								1.16 (0.46 - 2.89)				
Daily <50 ml	12								2.75 (1.20 - 6.29)				
Daily > 50ml													
Men													
None	8								1.00	unknown			
Occasional	9								2.31 (0.88 - 6.07)				
Daily <50 ml	6	1.31 (0.45 - 3.81)											
Daily >=50ml	12	3.63 (1.44 - 9.11)											
Women													
None	18	1.00	unknown										
Occasional	3	1.12 (0.32 - 3.90)											
Daily	1	1.29 (0.17 - 9.69)											

References	Study population							Number among cases	Relative risk (95%CI or p)	p for trend	Confounding variables considered	Comments		
	Year	Study period	Number of subjects for analysis, sex, age	Source of subjects	Event followed	Number of incident cases or deaths	Category							
Kato I Jpn J Cancer Res 1992; 83: 1137-1142	1992	1985-1989 (4.4-yr)	3,914	Atrophic gastritis	Incidence	45	None	12	1.00		Adjusted for			
			1,851 (men)	(underwent		35 (men)	Past	6	2.19 (0.78 - 6.19)		age			
			2,063 (women)	examination)		10 (women)	Occasional	11	1.10 (0.47 - 2.60)		1.10 (0.47 - 2.60)	sex		
			Age: Not	Aichi prefecture			Daily	16	1.51 (0.65 - 3.54)		1.51 (0.65 - 3.54)	residence		
Inoue M Int J Cancer 1996; 66: 309- 314	1996	1985-1995 (mean 6-yr)	5,373	Atrophic gastritis	Incidence	69	Without atrophic gastritis							
			2,552 (men)	(underwent		51 (men)	No	1.00			Adjusted for			
			2,821 (women)	examination)		18 (women)	Past	Not specified	1.87 (0.67 - 5.22)		1.87 (0.67 - 5.22)	age		
			Age: Not	Aichi prefecture			Occasional		1.12 (0.53 - 2.35)		1.12 (0.53 - 2.35)	sex		
							Daily		1.71 (0.76 - 3.86)		1.71 (0.76 - 3.86)			
							With atrophic gastritis							
							No	22	1.00		1.00		Adjusted for	
							past	8	1.88 (0.78 - 4.50)		1.88 (0.78 - 4.50)		age	
				occasional	15	0.85 (0.42 - 1.71)		0.85 (0.42 - 1.71)		sex				
				daily	20	1.13 (0.54 - 2.37)		1.13 (0.54 - 2.37)						

References	Study population							Number among cases	Relative risk (95%CI or p)	p for trend	Confounding variables considered	Comments						
	Year	Study period	Number of subjects for analysis, sex, age	Source of subjects	Event followed	Incidence	Number of incident cases or deaths						Category					
Sasazuki S Int J Cancer 2002; 101: 560-566	2002	1990-1999 (10-yr)	19,657 men 40-59 yr	population-based 4 prefectures Iwate Akita Nagano Okinawa	Incidence ICD-O	293	Total Stomach cancer	68	1.0	0.66	Adjusted for age, area, fruit, green salted cod body mass	Alcohol divided into						
							0-3 days / month	6	1.0	0.66	*1							
							0-161.0 g / week	18	2.5 (0.7 - 9.5)									
							162.0-322.0 g / week	34	3.3 (0.9 - 11.6)									
							322.5 g +/- week	30	3.0 (0.8 - 11.1)									
							Gardia and upper-third gastric cancer (all histologic type)											
							0-3 days / month	6	1.0	0.66	*1							
							0-161.0 g / week	18	2.5 (0.7 - 9.5)									
							162.0-322.0 g / week	34	3.3 (0.9 - 11.6)									
							322.5 g +/- week	30	3.0 (0.8 - 11.1)									
Fujino Y Prev Med 2002; 35: 121- 127	2002	1988-1997 (10-yr)	127,477 Present study 18,746 (men) 26,184 (women)	population-based 45 areas of Japan JACC Study	Death ICD-9 ICD10	379 261 (men) 118 (women)	Men	52	1.00	0.07	Adjusted for age							
							Never	24	1.16 (0.71 - 1.87)									
							Past	146	1.16 (0.84 - 1.59)									
							Current											
							Distal gastric cancer (Differentiated type)											
							0-3 days / month	31	1.0	0.07	*1							
							0-161.0 g / week	25	0.7 (0.3 - 1.4)									
							162.0-322.0 g / week	40	0.9 (0.5 - 1.9)									
							322.5 g +/- week	54	1.3 (0.7 - 2.6)									
							Distal gastric cancer (Undifferentiated type)											
0-3 days / month	31	1.0	0.07	*1														
0-161.0 g / week	25	0.7 (0.3 - 1.4)																
162.0-322.0 g / week	40	0.9 (0.5 - 1.9)																
322.5 g +/- week	54	1.3 (0.7 - 2.6)																
							Women	82	1.00		Adjusted for age							
							Never	2	0.99 (0.24 - 4.01)									
							Past	13	1.01 (0.56 - 1.82)									
							Current											

表E-6 飲酒と胃がんとの関連に関するケースコントロール研究(エビデンステーブル)

References author	Study time, year	Study time, prefecture, subjects age source	Study subjects		Category	Relative risk (95%CI or p)	p for trend	Confounding variables considered	Comments
			Number of cases	Number of controls					
Tajima K Jpn J Cancer Res 1995; 76: 705-716	1985	1981-1984 Aichi Prefecture	93 59 (men) 34 (women)	186 111 (men) 75 (women)	(Only men) vs Non-drinkers Yes Amount (sake) Less than 360 ml / day 360 ml or more / day Frequency Sometime Every day	0.68	none	Matched for sex age (±5yrs) time interview (±6months)	
Kono S Jpn J Cancer Res 1985; 79: 1067-1074	1988	1979-1982 Saga Prefecture	139 74 (men) 65 (women)	hospital 2,574 1,171 (men) 1,403 (women)	Sake Shouchu Beer Whisky / brandy	In the text NS NS NS NS	none	Matched for sex year of birth by two-stage	
Kato I Cancer Res 1990; 50: 6559-6564	1990	1985-1989 Aichi Prefecture	427 289 (Men) 138 (Women)	3,014 1,247 (Men) 1,767	Men Occasional Daily Women Occasional Daily	0.77 (0.53-1.11) 0.99 (0.71-1.37)		Adjusted for age residence	