

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					
				Non-drinker	1.00			
			Distal colon (n=765)	Occasional	1.40 (1.12-1.74)			
				Daily	1.33 (1.11-1.58)			
				Sake	1.15 (0.97-1.37)			
				Beer	1.65 (1.34-2.04)			
				Whisky	1.33 (0.85-2.08)			
			Rectum	Non-drinker	1.00			
			1,611 males	Occasional	1.39 (1.19-1.63)			
			16,600 males*	Daily	1.06 (0.93-1.22)			
				Sake	1.10 (0.97-1.85)			
				Beer	1.88 (1.62-2.18)			
				Whisky	1.35 (0.98-1.85)			
Kato I	1990	1986-1990	Hospital based (Aichi Cancer Center Hospital)	Cases: histologically confirmed cases; 53 Controls: population controls	Colon 132 (M: 79, F: 53)	578 (M: 377, F: 201)*	Never Past Daily	Adjusted for residence, sex, and age (5 year age group) * Common controls for cases of cancer of the colon and rectum
					Rectum 91 (M: 60, F: 31)	578 (M: 377, F: 201)*	Never Past Daily	
							Non-whisky-drinker Whisky-drinker	1.00 0.93 (0.50-1.75)
							Non-whisky-drinker Whisky-drinker	1.00 4.30 (1.76-10.52) 1.64 (0.84-3.18)
							Non-whisky-drinker Whisky-drinker	1.00 1.16 (0.59-2.31)
Hoshiyama Y	1993	1984-1990	Hospital based (Saitama Cancer Center Hospital)	Cases: histologically confirmed cases;	Colon 79 (M: 37, F: 42)	653 (M: 343, F: 310)*	Never Past Occasional Daily <50 ml/day 50+ Sake Beer Spirits	Adjusted for sex and age * Common controls for cases of cancer of the colon and rectum;
							Never Past Occasional Daily <50 ml/day 50+ Sake Beer Spirits	1.0 0.4 (0.0-2.0) 0.6 (0.3-1.1) NA 0.3 (0.1-0.8) 0.3 (0.1-0.9) 0.5 (0.1-1.4) 0.5 (0.1-1.7) 0.6 (0.2-1.8)

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
Murata M	1984-93	Population based case-control study (participants of stomach cancer screening)	Cases: confirmed by a record linkage to cancer registry data; Controls: screenees free from any cancer during the follow-up period	Colon 61 males	122 males	Non-drinker Drinker -1.0 cups/day* 1.1-2.0 2.0+	1.0 NA 3.5 (<0.01) 1.9 (n.s.) 3.2 (<0.05)	<0.05 Matched (1:2) for sex, birth year(±2 yrs), and residence	* 1 cup of sake (180ml) includes 27 ml of ethanol. Intake of other beverages was converted to sake-equivalents; ** compared to non-drinker
			Total colon			Non-drinker -1.0 cups/day* 1.1+ Sake** Others**	1.0 3.5 (<0.01) 2.3 (n.s.) 3.0 (<0.01) 2.8 (<0.05)	NA	
			Proximal colon: 24 cases			Non-drinker -1.0 cups/day* 1.1+	1.0 30.7 (<0.01) 12.4 (<0.05)	NA	
			Sigmoid colon: 20 cases			Non-drinker -1.0 cups/day* 1.1+	1.0 1.4 (n.s.) 1.0 (n.s.)	NA	
			Rectum 43 males	86 males		Sake Others Non-drinker Drinker -1.0 cups/day 1.1-2.0 2.0+	1.3 (n.s.) 1.1 (n.s.) 1.0 NA 0.8 (n.s.) 1.9 (n.s.) 1.4 (n.s.)	n.s.	

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	
Yamada K	1997	1991-93	Health check-up based (PL Tokyo Health Care Center: multiphasic health check-up program)	Cases: histologically confirmed cases; Controls: examinees without history of colorectal cancer and inflammatory bowel disease	Colorectum 66 (M:55; F: 11)	132 (M: 110; F: 22)	Non-drinker Current 1-2 times/mo 1-3 times/wk Almost daily	1.0 NA 0.4 (0.1-2.1) 1.1 (0.4-3.1) 1.2 (0.5-3.1)	0.4	Matched (1:2) for sex, age, and history of prior health check-up at the Center. Adjusted for body mass index and smoking	Results for <i>in situ</i> (n=129) were also presented.	
					Non-drinker 1-20 g/day 21-40 41+	1.0 1.1 (0.4-3.1) 0.7 (0.3-1.9) 2.0 (0.7-5.4)	0.09					
					Non-drinker 1-1000 g-yr 1001-2000 2001+	1.0 0.7 (0.3-1.8) 1.3 (0.5-3.7) 3.2 (1.0-10.1)	0.005					
Ping Y	1998	1986-1994	Health check-up based (Tokyo University Hospital: health checkup examinees)	Cases: histologically confirmed cases; Controls: cancer-free examinees	Colorectum 100 (M: 77; F: 23)	265 (NA)	Never Past* Current*	1.00 1.71 (1.07-2.74) 1.58 (0.98-2.57)			Matched (1:3) for sex, age (± 2 yrs), date of health checking (± 3 months), and residence; excluded 35 controls due to the lack of information on lifestyle	* Large consumption of alcohol; Definition of 'large'

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	
Murata M	1989-1997	Hospital based case-control study (Chiba Cancer Center Hospital)	Cases: those who underwent surgery; Controls: outpatients free from cancer	Colorectal	267 males	395 males	Non-drinker	1.00	<0.001	Adjusted for age (10 year age group)	
				Colon	157 males	395 males	Drinker	NA	0.51 (0.30-0.87)	0.85 (0.54-1.3)	1.81 (1.03-3.2)
				Rectum	110 males	395 males	Non-drinker	1.00	0.003		
							Drinker	NA			
							<1.0 go	0.53 (0.29-0.99)			
							1.0-1.9	0.81 (0.48-1.4)			
							2.0-2.9	1.66 (0.88-3.1)			
							3.0+	2.19 (1.1-4.5)			
							Non-drinker	1.00	0.001		
							Drinker	NA			
							<1.0 go	0.48 (0.22-1.02)			
							1.0-1.9	0.84 (0.45-1.6)			
							2.0-2.9	2.04 (0.97-4.3)			
							3.0+	2.10 (0.91-4.9)			

表E-11 喫煙と肺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	Year	Study period	No. of subjects for analysis	Source of subjects	Study population	No. of incident cases or deaths followed	Event	Category	Number among cases	Relative risk	(95% CI or p)	p for trend	Confounding variables considered	Comments
Kono S, et al	1987	1965-1983	5,130 men	Memberships lists of 9 prefectural medical	Membership lists of 9 prefectural medical	74 men	Death	Never or past Current 1-19 20+	80 1120 14 361 629 76 40	1.00 3.18 8.15	(1.57-6.45) (4.12-16.10)		Age and alcohol drinking	
Akiba S, et al	1990	1966-1981	120,000 men - a	Census population	Census population	1200 men	Death	Never Current 1-4 cigarettes/day 5-14 15-24 25-34 35+	80 1120 14 361 629 76 40	1.0 4.5 2.5 3.3 5.4 7.1 8.4	(3.6-5.7) (1.4-4.3) (2.6-4.3) (4.3-6.9) (5.1-9.7) (5.7-12.3)	p < 0.001	Age and period	
Tomita M, et al	1991	1975-1985	37,645 men	Male employees of a railway company	Male employees of a railway company	32 men	Death	Never Past Current 1-14 15-24 25-34 35+	5 5 2 8 8 4	1.00 1.73 0.89 0.81 2.36 2.72	(0.09-11.3) (0.13-3.1) (0.27-2.7) (0.79-7.8) (0.67-10.3)	p < 0.1	Age and period	
Murata M, et al	1996	1984-1993	107 male cases and 214 controls (nested case-control study)	17,200 male participants in a gastric mass screening	17,200 male participants in a gastric mass screening	107 men	Incident	Never or past Current 1-10 11-20 21+	31 9 47 20	1.0 1.4 3.6 4.6			Matched for: birth year (± 2 years) and address	
Pierce DA, et al	2003	1958-1994	45,113 men and	Atomic-bomb survivors	Atomic-bomb survivors	592 men and	Incident	Never or past Current 1-10 11-20 21+ (Smoking level for	1.0 4.9 8.0 13.3		(0.8-9.0) (0.6-15.4) (1.0-25.6)			

References Author	Year	Study period	Study population		Incident	Event followed	No. of incident cases or deaths	Category	Number among cases	Relative risk	(95% CI or p)	p for trend	Confounding variables considered	Comments	
			No. of subjects for analysis	Source of subjects											
Sobue T, et al	2003	1990-1999	57,591 men	General	324 men	Incident									
				Never					26	1.0			Age and area		
				Past					67	2.2	(1.4-3.4)				
				Years since stopped					43	3.0	(1.9-5.0)	p = 0.37			
				10-19					17	1.8	(1.0-3.3)				
				20+					6	1.0	(0.4-2.4)				
				Current					231	4.5	(3.0-6.8)				
				0-19 pack-years					20	2.7	(1.5-4.9)	p < 0.01			
				20-39					105	4.5	(2.9-6.9)				
				40-59					64	4.8	(3.0-7.6)				
				60+					34	6.4	(3.8-10.7)				
				0-24 years					9	1.0		p < 0.01			
				25-34					53	1.9	(0.8-4.6)				
				35-44					118	2.8	(1.1-7.4)				
				45+					43	4.0	(1.3-12.0)				
				0-19 cigarettes/day					60	1.0		p = 0.03			
				20-29					105	1.2	(0.9-1.7)				
				30-39					32	1.4	(0.9-2.2)				
				40+					26	1.6	(1.0-2.6)				
				133 male cases of SQ+SM					4	1.0					
				Never					25	5.1	(1.8-14.6)				
				Past					18	8.0	(2.7-23.7)	p = 0.32			
				Years since stopped					6	4.0	(1.1-14.2)				
				10-19					1	1.0	(0.1-9.3)				
				20+					104	12.7	(4.7-34.7)				
				Current					4	3.5	(0.9-13.9)	p < 0.01			
				0-19 pack-years					50	13.4	(4.8-37.1)				
				20-39					34	15.9	(5.6-45.1)				
				40-59					13	15.2	(5.0-46.9)				
				60+					1	1.0		p = 0.06			
				0-24 years					28	7.9	(0.8-75.1)				
				25-34					51	9.1	(0.9-92.3)				
				35-44					21	13.9	(1.2-160.7)				
				45+											

References Author	Year	Study period	No. of subjects for analysis	Study population		Category	Number among cases	Relative risk	(95% CI or p)	p for trend	Confounding variables considered	Comments
				No. of subjects followed	No. of incident cases or deaths							
				0-19 cigarettes/day		24	1.0		p = 0.07			
				20-29		52	1.5	(1.0-2.5)				
				30-39		12	1.3	(0.7-2.7)				
				40+		13	2.0	(1.0-4.1)				
			119 male cases of AD	Never		15	1.0					
				Past		23	1.3	(0.7-2.5)				
				Years since stopped		16	2.0	(1.0-4.1)	p = 0.50			
				10-19		3	0.6	(0.2-1.9)				
				20+		4	1.1	(0.4-3.5)				
				Current		81	2.8	(1.6-4.9)				
				0-19 pack-years		11	2.6	(1.2-5.7)	p = 0.13			
				20-39		37	2.8	(1.5-5.2)				
				40-59		21	2.9	(1.5-5.6)				
				60+		9	3.0	(1.3-7.0)				
				0-24 years		5	1.0		p = 0.03			
				25-34		17	1.6	(0.4-6.3)				
				35-44		45	3.5	(0.7-15.9)				
				45+		11	4.9	(0.8-29.7)				
				0-19 cigarettes/day		23	1.0		p = 0.94			
				20-29		38	1.1	(0.7-1.9)				
				30-39		12	1.3	(0.6-2.6)				
				40+		5	0.8	(0.3-2.0)				
			59,103 women	Never		78	1.0					
				Past		4	3.7	(1.4-10.2)				
				Current		16	4.2	(2.4-7.2)				
				Never		5	1.0					
				Past		1	10.8	(1.2-94.4)				
				Current		5	17.5	(4.9-62.1)				
			98 women	Never		54	1.0					
				Past		3	4.3	(1.3-13.8)				
				Current		5	2.0	(0.8-5.0)				
				Never		5	1.0					
				Past		1	10.8	(1.2-94.4)				
				Current		5	17.5	(4.9-62.1)				
			62 female cases of AD	Never		54	1.0					
				Past		3	4.3	(1.3-13.8)				
				Current		5	2.0	(0.8-5.0)				

References Author	Year	Study period	Study population		Category	Number among cases	Relative risk	p for trend	Confounding variables considered	Comments
			No. of subjects for analysis	No. of incident cases or deaths followed						
Ando M, et al	2003	1988-1997	45,010 men	469 men	Never Past < 30 years 30-39 40+	32 120 9 23 46	1.00 2.38 0.7 2.1 4.3			Age (1.61-3.51) (0.3-1.4) (1.2-3.7) (2.7-6.9)
			Participants in health check-ups or general population		0-9 cigarettes/day 10-19 20-29 30+	1 14 34 29	0.5 1.3 2.3 3.5			(0.1-3.9) (0.7-2.4) (1.4-3.7) (2.1-5.7)
					0-19 pack-years 20-39 40-59 60+	7 22 25 24	0.7 1.7 3.0 5.0			(0.3-1.7) (1.0-2.9) (1.8-5.1) (3.0-8.5)
					Start < 17 years old 17-19 20-22	1 15 45	0.8 2.6 2.2			(0.1-6.2) (1.4-4.8) (1.4-3.5)
					Years since stopped 5-9 10-14 15+	38 17 12 11	4.3 2.2 1.9 0.8			(2.7-6.9) (1.2-4.0) (1.0-3.6) (0.4-1.7)

References	Year	Study period	No. of subjects for analysis	Study population	No. of subjects for source of subjects	Event followed	No. of incident cases or deaths	Category	Number among cases	Relative risk	(95% CI or p)	p for trend	Confounding variables considered	Comments
								Current	317	4.46	(3.10-6.41)			
								<30 years	12	1.2	(0.6-2.5)			
								30-39	62	3.3	(2.1-8.2)			
								40+	229	5.4	(3.7-7.9)			
								0-9 cigarettes/day	10	2.3	(1.1-4.6)			
								10-19	76	3.2	(2.1-4.8)			
								20-29	146	5.2	(3.5-7.6)			
								30+	71	7.9	(5.2-12.0)			
								0-19 pack-years	16	2.1	(1.1-3.8)			
								20-39	91	3.1	(2.1-4.7)			
								40-59	141	5.9	(4.0-8.7)			
								60+	55	7.7	(5.0-11.9)			
								Start < 17 years old	13	8.4	(4.4-16.0)			
								17-19	45	5.5	(3.5-8.6)			
								20-22	189	5.1	(3.5-7.5)			
								23-25	36	3.4	(2.2-5.6)			
								26+	20	2.2	(1.2-3.8)			
			55,724 women					Never	101	1.00				
							128 women	Past	6	2.56	(1.12-5.83)			
								Current	21	3.58	(2.24-5.73)			

表E-12 喫煙と肺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	Year	Study time	Type and source	Study subjects		Category	Relative risk	(95% CI or p)	p for trend	Confounding variables considered	Comments
				Definition	Number of cases						
Nakamura M, et al	1986	1978-1982	Hospital-based (Center for Adult Diseases, Osaka)	Cases: histologically confirmed; Controls: outpatients without definite or suspected lung cancer	174 male cases of SQ	174 men	Never	1.0		Matched (1:1)	
							Past	3.7	(1.6-8.5)	for: sex, age (exactly), and date of first visit (± 3 months)	
						Current	6.0	(3.1-11.5)			
						1-15 cigarettes/day	3.3	(1.5-7.3)	p < 0.001		
						16-25	7.3	(3.5-15.3)			
						26+	14.7	(6.4-33.4)			
						0-19 pack-years	1.4	(0.4-5.3)	p < 0.001		
						20-39	3.9	(0.8-19.1)			
						40-59	11.0	(4.7-25.7)			
						60+	12.0	(4.8-29.9)			
						Start 20+ years old	4.0	(2.1-7.5)			
						≤ 19	8.5	(3.5-20.4)			
						(adjusted for number of cigarettes/day)					
						Never	1.0				
					84 male cases of SM	84 men	Past	5.4	(1.4-20.8)		
							Current	10.3	(3.9-27.4)		
							1-15 cigarettes/day	5.8	(1.7-20.1)	p < 0.001	
							16-25	8.1	(2.6-24.9)		
							26+	17.8	(5.7-55.5)		
							0-19 pack-years	4.1	(0.7-22.6)	p < 0.001	
							20-39	4.8	(1.3-17.4)		
							40-59	7.4	(2.1-26.1)		
							60+	9.5	(3.1-28.4)		
							Start 20+ years old	4.2	(2.0-8.7)		
							≤ 19	4.6	(1.4-15.8)		
							(adjusted for number of cigarettes/day)				

References author	Year	Study time	Type and source	Definition	Study subjects		Category	Relative risk	(95% CI or p)	p for trend	Confounding variables considered	Comments
					Number of cases	Number of controls						
					198 male cases of AD	198 men	Never Past Current	1.0 1.7 2.8	(0.8-3.7) (1.6-4.8)			
							1-15 cigarettes/day 16-25 26+	2.4 3.3 2.2	(1.2-4.8) (1.8-6.1) (1.0-4.7)	NS		
							0-19 pack-years 20-39 40-59 60+	1.3 1.9 3.2 2.7	(0.4-4.1) (1.0-3.9) (1.7-6.3) (1.1-6.5)	p < 0.001		
							Start 20+ years old ≤19 (adjusted for number of cigarettes/day)	1.6 5.4	(1.1-2.4) (2.5-11.7)			
					42 male cases of L.A	42 men	Never Past Current	1.0 1.5 4.4	(0.2-9.3) (1.3-14.5)			
							1-15 cigarettes/day 16-25 26+	3.9 4.0 6.0	(0.9-17.2) (1.0-16.4) (1.4-26.0)	p < 0.05		
							0-19 pack-years 20-39 40-59 60+	1.2 4.0 3.4 6.0	(0.2-9.2) (0.6-25.8) (0.8-15.6) (0.8-43.7)	p < 0.05		
							Start 20+ years old ≤19 (adjusted for number of cigarettes/day)	3.1 3.9	(1.0-10.3) (0.7-21.7)			
					84 female cases of AD	84 women	Never Past Current	1.0 3.0 1.7	(0.6-14.9) (0.8-3.4)			
							1-15 cigarettes/day 16+	1.6 1.2	(0.7-3.6) (0.3-5.0)	NS		
							0-19 pack-years 20-39 40-59	1.0 1.2 2.4	(0.3-3.2) (0.3-4.3) (0.2-25.3)	NS		

References author	Year	Study time	Type and source	Study subjects		Category	Relative risk	(95% CI or p)	p for trend	Confounding variables considered	Comments			
				Number of cases	Number of controls									
Shimizu H, et al	1986	1977-1982	Hospital-based (Sendai Kosei Hospital)	Cases:	603 men	727 men	Never or past	1.0			Age and			
				histologically confirmed;			Current	3.7	(2.7-5.1)					
				Controls:	171 male cases	727 men	Never or past	1.0						
				randomly selected	of AD	Current	1.9	(1.3-3.0)						
				residents	281 male cases	727 men	Never or past	1.0						
					of SQ	Current	4.3	(2.8-6.7)						
					104 male cases	727 men	Never or past	1.0						
					of SM	Current	3.9	(2.0-7.7)						
					82 male cases	727 men	Never or past	1.0						
					of LA	Current	3.4	(1.8-6.7)						
					148 women	746 women	Never or past	1.0					Age and	
						Current	3.4	(2.1-5.3)						
		99 female	746 women	Never or past	1.0									
		cases of AD	Current	2.9	(1.7-5.0)									
		18 female	746 women	Never or past	1.0									
		cases of SQ	Current	6.4	(2.3-17.3)									
		27 female	746 women	Never or past	1.0									
		cases of SM	Current	4.5	(1.8-10.9)									
		18 female	746 women	Never or past	1.0									
		cases of LA	Current	4.0	(1.6-10.3)									

References author	Year	Study time	Type and source	Study subjects		Category	Relative risk	(95% CI or p)	p for trend	Confounding variables considered	Comments
				Definition	Number of cases						
Tsugane S, et	1987	1976-1985	Hospital-based (National Cancer Center)	Cases: histologically confirmed cases aged 30-49; Controls: cancer-free patients	73 male cases of AD	73 men	Never Ever	1.00 0.89	NS	Matched (1:1) for: sex, age (± 2 years), year of admission (± 1 year), and residence	
						Never Past + current 1-15 Current 16+ cigarettes/day	1.00 0.94 0.87	(0.38-2.36) (0.38-1.96)	NS		
						0-9 pack-years 10-29 30+	1.00 0.35 0.80	(0.16-0.76) (0.34-1.89)	NS		
				41 female cases of AD	41 women	Never Ever	1.00 0.55		NS		
						Never Current	1.00 0.55		NS		
				20 male cases	20 men	Never Ever	1.00 -		p < 0.05		
						Never Current	1.00 4.85		NS		
						Never Past + current 1-15 Current 16+ cigarettes/day	1.00 - -				
						0-9 pack-years 10-29 30+	1.00 3.00 21.0	(0.28-31.7) (2.60-170)			

References author	Year	Study time	Type and source	Study subjects		Category	Relative risk	(95% CI or p)	p for trend	Confounding variables considered	Comments
				Definition	Number of cases						
Sakai R	1989	1982-1986	Hospital-based (5 hospitals in Naha city)	Cases: incident cases; Controls: patients without a history of cancer, COPD, etc.	64 men and 128 men and women	82 men	Never	1.0		Matched (1:2) for: sex and age (± 5 years)	
							Ever	2.9	(1.6-5.3)		
							Never	1.0			
							Past	6.3	(1.9-21.0)		
							Current	2.5	(1.2-5.1)		
							1-19 cigarettes/day	4.3	(1.3-13.5)		
20	3.3?	(0.9-4.6?)									
20+	4.5	(1.5-13.2)									
Minowa M, et al	1991	1978-1982	Hospital-based (Yokosuka Kyosai Hospital)	Cases: histologically confirmed fatal cases; Controls: fatal cases without cancer or pneumoconiosis	96 men	86 men	Never	1.00		Matched (1:1) for: date of birth (nearest)	
							Past	7.69	(p < 0.05)		
							Current	6.52	(p < 0.01)		
							Never	1.00			
							Ever 1-19 cigarettes/day	6.78	(p < 0.01)		
							20+	6.42	(p < 0.01)		
							Never	1.00			
							Start 30+ years old	7.70	NS	p < 0.01	
							20-29	6.69	(p < 0.01)		
							< 20	11.56	(p < 0.01)		
Yamaguchi N, et al	1992	1989-1990	Hospital-based (3 hospitals in Kitakyushu city)	Cases: histologically confirmed; Controls: hospitalized patients without lung cancer	144 men and 676 men and women	676 men and women	Never	1.00		Matched for: hospital, sex, and age (± 5 -year group); Adjusted for job categories	
							Past	2.90	(1.43-5.90)		
							Current 1-20 cigarettes/day	3.75	(1.89-7.47)		
							21+	12.14	(5.10-28.90)		

References author	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						
Gao C, et al	1993	1988-1991	Hospital-based (Aichi Cancer Center)	Cases: incident cases; Controls: patients without cancer	282 men	282 women	Never	1.00		Matched for: age (\pm 1 year), and time of first visit to the hospital (\pm 30 days)	
							Past	3.56	(1.83-6.91)		
							Years since stopped 1-4	5.14	(2.31-11.40)		
							5-9	3.48	(1.15-8.01)		
							10-14	3.83	(1.55-9.46)		
							15-19	3.35	(1.05-10.66)		
							20+	1.38	(0.51-3.74)		
							Current	6.61	(3.47-12.58)		
							1-19 cigarettes/day	3.46	(1.57-7.19)		
							20-29	7.53	(3.71-15.30)		
							30+	10.63	(5.08-22.22)		
							Start_ 19 years old	8.62	(4.01-18.52)		
							20-29	6.43	(3.32-12.49)		
30+	2.15	(0.36-13.05)									
Shimizu H, et al	1994	1973-1991	Hospital-based (Cancer Institute)	Cases: patients with SQ or AD who underwent surgical resection; 10 female Controls: patients with metastatic lung cancer	194 male cases of SQ	82 men	Never	1.0		Age	
							Ever	12.8	(5.1-32.3)		
							Never	1.0			
							Ever	7.4	(2.2-25.5)		
							Never	1.0			
							Ever	10.3	(2.8-37.6)		
							1-20 cigarettes/day	5.0	(1.1-21.7)		p < 0.001
							21+	18.6	(4.9-70.3)		
							1-40 years	5.1	(1.2-21.2)		p < 0.001
							41+	16.5	(3.8-70.5)		
							Never	1.0			
							Ever	10.7	(3.2-35.8)		
							1-20 cigarettes/day	8.2	(2.1-30.4)		p < 0.001
21+	15.5	(4.4-55.2)									
1-40 years	6.0	(1.4-25.3)	p < 0.001								
41+	20.7	(5.2-82.0)									

References author	Year	Study time	Study subjects		Category	Relative risk	(95% CI or p)	p for trend	Confounding variables considered	Comments
			Type and source	Definition						
				3 female cases of central type	101 women	Never Ever	1.0 4.4	(0.8-25.7)		
				7 female cases of peripheral	101 women	Never Ever	1.0 6.5	(1.6-26.0)		
				219 male cases	82 men	Never Ever	1.0 1.5	(0.8-2.9)		
						1-20 cigarettes/day	1.1	(0.6-2.3)	p < 0.05	
						21+	2.1	(1.0-4.5)		
						1-40 years	1.1	(0.5-2.2)	NS	
						41+	2.2	(0.9-5.6)		
				182 female	101 women	Never Ever	1.0 1.1	(0.6-1.9)		
				4 male cases of central type	82 men	Never Ever	1.0 0.5	(0.1-3.2)		
				188 male cases of peripheral	82 men	Never Ever	1.0 1.8	(0.9-3.6)		
				6 female cases of central type	101 women	Never Ever	1.0 1.3	(0.2-7.3)		
				157 female cases of	101 women	Never Ever	1.0 1.0	(0.6-1.9)		

References author	Year	Study time	Type and source	Study subjects		Category	Relative risk	(95% CI or p)	p for trend	Confounding variables considered	Comments
				Number of cases	Number of controls						
Sobue T, et al	1994	1986-1988	Hospital-based (8 hospitals in Osaka prefecture)	Cases: hospitalized patients without established smoking-related diseases	1,052 men	1,111 men	Current (OR vs. never = 4.5)	1.00	p < 0.05	Age and cigarette index	
							Past years since stopped 1-4	0.90			
							5-9	0.50			
							10-14	0.51			
							15-19	0.59			
							20-24	0.48			
							25+	0.29			
							Current (OR vs. never = 4.5)	1.0			
							Past years since stopped 1-4	0.9			
							5-9	0.6			
							10+	0.4			
							410 male cases of AD	1,111 men			
Past years since stopped 1-4	0.9										
5-9	0.5										
10+	0.7										
128 male cases of SM	1,111 men	Current (OR vs. never = 4.5)	1.0	p < 0.05							
Past years since stopped 1-4	0.8										
5-9	0.4										
10+	0.1										
80 male cases of LA	1,111 men	Current (OR vs. never = 4.5)	1.0			p < 0.05					
Past years since stopped 1-4	1.1										
5-9	0.4										
10+	0.3										

References author	Year	Study time	Type and source	Study subjects			Category	Relative risk (95% CI or p)	p for trend	Confounding variables considered	Comments
				Definition	Number of cases	Number of controls					
Sobue T, et al	1994	1986-1988	Hospital-based (8 hospitals in Osaka prefecture)	Cases: histologically confirmed; Controls: hospitalized patients without established smoking-related diseases	1,082 men	1,141 men	Never	1.0		Age, duration of smoking, number of cigarettes smoked per day, fraction smoked per cigarette, cigarette tyle (filter or nonfilter), and inhalation	
							Past	2.8	(1.9-4.2)		
							Current	4.1	(2.8-5.9)		
							1-19 cigarettes/day	1.0			
							20-29	1.3	(1.0-1.8)		
							30+	1.7	(1.2-2.3)		
							1-29 years	1.0			
							30-39	1.5	(1.0-2.2)		
							40-49	2.8	(2.0-4.1)		
							50+	4.1	(2.7-6.2)		
							Never	1.0			
							Past	13.1	(5.2-33.4)		
							Current	18.1	(7.9-41.3)		
							1-19 cigarettes/day	1.0			
							20-29	1.5	(1.0-2.3)		
30+	1.9	(1.2-2.9)									
1-29 years	1.0										
30-39	2.1	(1.2-3.8)									
40-49	4.3	(2.4-7.7)									
50+	8.0	(4.3-14.9)									
Never	1.0										
Past	1.5	(0.9-2.4)									
Current	1.9	(1.3-3.0)									
1-19 cigarettes/day	1.0										
20-29	1.2	(0.8-1.8)									
30+	1.2	(0.8-1.9)									
1-29 years	1.0										
30-39	1.1	(0.7-1.8)									
40-49	2.0	(1.3-3.2)									
50+	2.1	(1.2-3.7)									
					425 male cases of SQ						
					420 male cases of AD						

References author	Year	Study time	Type and source	Study subjects		Category	Relative risk	(95% CI or p)	p for trend	Confounding variables considered	Comments
				Definition	Number of cases						
				130 male cases of SM	1,141 men	Never Past Current	1.0 9.2 21.4	(1.5-56.8) (5.3-87.1)			
						1-19 cigarettes/day 20-29 30+	1.0 0.8 2.3	(0.4-1.5) (1.3-4.2)			
						1-29 years 30-39 40-49 50+	1.0 2.4 4.3 7.6	(0.9-6.2) (1.7-10.9) (2.8-20.0)			
				81 male cases of LA	1,141 men	Never Past Current	1.0 2.6 3.8	(0.7-10.0) (1.2-12.1)			
						1-19 cigarettes/day 20-29 30+	1.0 2.1 2.6	(0.8-5.3) (1.0-6.6)			
						1-29 years 30-39 40-49 50+	1.0 1.3 2.1 1.6	(0.5-3.2) (0.8-5.3) (0.5-4.9)			
				294 women	1,089 women	Never Past Current	1.0 2.1 2.8	(1.4-3.2) (2.0-3.9)			
				50 female cases of SQ	1,089 women	Never Past Current	1.0 5.6 9.7	(2.3-13.8) (5.5-16.8)			
				195 female cases of AD	1,089 women	Never Past Current	1.0 1.7 1.3	(1.0-3.0) (0.9-2.0)			