

評価対象論文リスト(要因:能動喫煙・受動喫煙、アウトカム:死亡)

評価判定日:2023/4/27

①既存の系統的レビュー・メタ解析・統合解析

1	Katanoda K, Marugame T, Saika K, et al. Population attributable fraction of mortality associated with tobacco smoking in Japan: a pooled analysis of three large-scale cohort studies. <i>J Epidemiol.</i> 2008;18(6):251-264. doi:10.2188/jea.je2007429
2	Inoue-Choi M, Freedman ND, Saito E, et al. Low-intensity cigarette smoking and mortality risks: a pooled analysis of prospective cohort studies in Japan [published correction appears in <i>Int J Epidemiol.</i> 2022 Aug 10;51(4):1355. doi: 10.1093/ije/dyac027.]. <i>Int J Epidemiol.</i> 2022;51(4):1276-
3	Murakami Y, Miura K, Okamura T, Ueshima H; EPOCH-JAPAN Research Group. Population attributable numbers and fractions of deaths due to smoking: a pooled analysis of 180,000 Japanese. <i>Prev Med.</i> 2011;52(1):60-65. doi:10.1016/j.ypmed.2010.11.009
4	Chang CM, Corey CG, Rostron BL, Apelberg BJ. Systematic review of cigar smoking and all cause and smoking related mortality. <i>BMC Public Health.</i> 2015;15:390. Published 2015 Apr 24. doi:10.1186/s12889-015-1617-5
5	Yang JJ, Yu D, Wen W, et al. Tobacco Smoking and Mortality in Asia: A Pooled Meta-analysis. <i>JAMA Netw Open.</i> 2019;2(3):e191474. Published 2019 Mar 1. doi:10.1001/jamanetworkopen.2019.1474
6	Gellert C, Schöttker B, Brenner H. Smoking and all-cause mortality in older people: systematic review and meta-analysis. <i>Arch Intern Med.</i> 2012;172(11):837-844. doi:10.1001/archinternmed.2012.1397
7	Sinha DN, Suliankatchi RA, Gupta PC, et al. Global burden of all-cause and cause-specific mortality due to smokeless tobacco use: systematic review and meta-analysis. <i>Tob Control.</i> 2018;27(1):35-42. doi:10.1136/tobaccocontrol-2016-053302
8	Chen X, Zhang L, Zhang Q, Zhao R. The effects of cigarette smoking on the associations between sitting time and all-cause mortality: a meta-analysis. <i>Eur J Public Health.</i> 2019;29(2):315-319. doi:10.1093/eurpub/cky121
9	Lv X, Sun J, Bi Y, et al. Risk of all-cause mortality and cardiovascular disease associated with secondhand smoke exposure: a systematic review and meta-analysis. <i>Int J Cardiol.</i> 2015;199:106-115. doi:10.1016/j.ijcard.2015.07.011
10	Müezziner A, Mons U, Gellert C, et al. Smoking and All-cause Mortality in Older Adults: Results From the CHANCES Consortium. <i>Am J Prev Med.</i> 2015;49(5):e53-e63. doi:10.1016/j.amepre.2015.04.004
11	Yang JJ, Yu D, Shu XO, et al. Quantifying the association of low-intensity and late initiation of tobacco smoking with total and cause-specific mortality in Asia. <i>Tob Control.</i> 2021;30(3):328-335. doi:10.1136/tobaccocontrol-2019-055412
12	Jones MR, Tellez-Plaza M, Navas-Acien A. Smoking, menthol cigarettes and all-cause, cancer and cardiovascular mortality: evidence from the National Health and Nutrition Examination Survey (NHANES) and a meta-analysis. <i>PLoS One.</i> 2013;8(10):e77941. Published 2013 Oct 25.
13	Sinha DN, Palipudi KM, Gupta PC, et al. Smokeless tobacco use: a meta-analysis of risk and attributable mortality estimates for India. <i>Indian J Cancer.</i> 2014;51 Suppl 1:S73-S77. doi:10.4103/0019-509X.147477

②日本人個別研究(ランダム化比較試験、コホート研究、症例対照研究、横断研究などの個別疫学研究)

14	Zha L, Sobue T, Kitamura T, et al. Changes in Smoking Status and Mortality From All Causes and Lung Cancer: A Longitudinal Analysis of a Population-based Study in Japan. <i>J Epidemiol.</i> 2019;29(1):11-17. doi:10.2188/jea.JE20170112
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15	Pham TM, Fujino Y, Ide R, et al. Mortality attributable to cigarette smoking in a cohort study in Japan. <i>Eur J Epidemiol.</i> 2007;22(9):599-605. doi:10.1007/s10654-007-9161-y
16	Akter S, Nakagawa T, Honda T, et al. Smoking, Smoking Cessation, and Risk of Mortality in a Japanese Working Population - Japan Epidemiology Collaboration on Occupational Health Study. <i>Circ J.</i> 2018;82(12):3005-3012. doi:10.1253/circj.CJ-18-0404
17	Hozawa A, Ohkubo T, Yamaguchi J, et al. Cigarette smoking and mortality in Japan: the Miyagi Cohort Study. <i>J Epidemiol.</i> 2004;14 Suppl 1(Suppl I):S12-S17. doi:10.2188/jea.14.s12
18	Hozawa A, Okamura T, Murakami Y, et al. Joint impact of smoking and hypertension on cardiovascular disease and all-cause mortality in Japan: NIPPON DATA80, a 19-year follow-up. <i>Hypertens Res.</i> 2007;30(12):1169-1175. doi:10.1291/hypres.30.1169
19	Kondo T, Osugi S, Shimokata K, et al. Smoking and smoking cessation in relation to all-cause mortality and cardiovascular events in 25,464 healthy male Japanese workers. <i>Circ J.</i> 2011;75(12):2885-2892. doi:10.1253/circj.cj-11-0416
20	Ikeda F, Ninomiya T, Doi Y, et al. Smoking cessation improves mortality in Japanese men: the Hisayama study. <i>Tob Control.</i> 2012;21(4):416-421. doi:10.1136/tc.2010.039362
21	Tsubono Y, Koizumi Y, Nakaya N, et al. Health practices and mortality in Japan: combined effects of smoking, drinking, walking and body mass index in the Miyagi Cohort Study. <i>J Epidemiol.</i> 2004;14 Suppl 1(Suppl I):S39-S45. doi:10.2188/jea.14.s39
22	Ikeda N, Inoue M, Iso H, et al. Adult mortality attributable to preventable risk factors for non-communicable diseases and injuries in Japan: a comparative risk assessment. <i>PLoS Med.</i> 2012;9(1):e1001160. doi:10.1371/journal.pmed.1001160
23	Ukawa S, Tamakoshi A, Yatsuya H, et al. Passive smoking and chronic obstructive pulmonary disease mortality: findings from the Japan collaborative cohort study. <i>Int J Public Health.</i> 2017;62(4):489-494. doi:10.1007/s00038-016-0938-1

喫煙と全死亡

■コホート研究(プール解析含む)

Reference			Study subjects							Number among cases	Relative risk (95%CI or p)	P for trend	Confounding variables considered	Evaluation of the magnitude of association	
Author	Title	Year	Study period	Number of subjects	Source of subjects	Event followed	Number of incident cases or deaths	Participant's race	Category						
Katanoda K, et al	Population attributable fraction of mortality associated with tobacco smoking in Japan: a pooled analysis of three large-scale cohort studies	2008	1980s and early 1990s	296,836	three large-scale cohort studies	death	25,700	Japanese	Smoking status				age	↑ ↑ Moderate	
				male;			male;			28,720	Ref				
				140,026			female;			16,282	Current	76,227			1.63 (1.56-1.70)
				female;			female;			9,418	Former	35,079			1.27 (1.21-1.33)
	156,810		Ever	-	1.49 (1.43-1.55)										
									female;						
									Never	140,379	Ref				
									Current	12,717	1.76 (1.65-1.87)		↑ ↑ Moderate		
									Former	3,714	1.68 (1.52-1.86)				
									Ever	-	1.73 (1.64-1.83)				
Inoue-Cho M et al	Low-intensity cigarette smoking and mortality risks: a pooled analysis of prospective cohort studies in Japan	2022	1983-1994	410,294	nine population-based	death	93,485	Japanese	Cigarettes smoked per day				age, alcohol intake (men: never, former, <1 time/week, regularly <23, 23 to <46, ≥46 g/d; women: never, former, <1 time/week, regularly <23, ≥23 g/d) and region	↑ ↑ Moderate	
				male;			male;			8879	Ref				
				187,928			female;			54,912	Never	116			1.27 (0.97-1.66)
				female;			female;			38,573	1-2	909			1.45 (1.33-1.59)
				222,366							3-5	4805			1.49 (1.38-1.62)
											6-10	4805			1.49 (1.38-1.62)
											11-20	16948			1.51 (1.42-1.61)
											21-30	4945			1.57 (1.45-1.68)
											31-40	2446			1.73 (1.59-1.89)
											>40	660			1.96 (1.77-2.18)
											female;				
											Never	31387			Ref
											1-2	68			1.28 (1.01-1.62)
			3-5	460	1.49 (1.34-1.66)										
			6-10	1319	1.68 (1.55-1.81)										
			11-20	1318	1.78 (1.62-1.96)										
			21-30	152	1.95 (1.53-2.50)										
			31-40	80	2.84 (2.27-3.56)										
			>40	12	2.31 (1.31-4.08)										
													↑ ↑ ↑ Strong		
Murakami Y, et al	Population attributable numbers and fractions of deaths due to smoking: a pooled analysis of 180,000 Japanese.	2011	1987 and 1995	183,251	13 well-qualified cohort	death	17,224	Japanese	Smoking Status				systolic blood pressure, body mass index, drinking status and study cohort	↑ ↑ Moderate	
				male;			male;			1,725	Ref				
				69,502			female;			9,612	Never	2,529			1.20 (1.26-1.14)
				female;			female;			7,612	Former	5,358			1.54 (1.62-1.47)
	113,749		Current												
									female;	6,884	Ref				
									Never	146	1.39 (1.61-1.21)				
									Former	582	1.63 (1.75-1.51)		↑ ↑ Moderate		
									Current						

