

Supplementary Table 3. Adjusted HR for incident diabetes according to quitting smoking and smoking intensity

Subgroup	Smoking amount	No. of subjects	Diabetes	HR (95% CI)	P interaction	
Sex					<0.0001	
Male	Nonsmokers	971,103	27,806	0.807 (0.768–0.848)		
	Quitters					
	0–<5	30,727	610	0.919 (0.838–1.008)		
	5–<14	87,949	2,007	0.983 (0.922–1.049)		
	14–<26	75,979	2,782	1.137 (1.07–1.208)		
	≥26	50,365	3,179	1.332 (1.255–1.414)		
	Current smoker					
	0–<5	88,166	1,700	1 (reference)		
	5–<14	443,409	9,162	1.091 (1.036–1.149)		
	14–<26	422,311	15,097	1.358 (1.291–1.428)		
	≥26	225,952	13,872	1.591 (1.511–1.674)		
	Female	Nonsmokers	2,763,629	86,444	0.663 (0.597–0.737)	
		Quitters				
		0–<5	4,587	95	0.882 (0.703–1.106)	
5–<14		2,087	84	0.931 (0.734–1.182)		
14–<26		690	39	0.853 (0.613–1.188)		
≥26		277	30	1.267 (0.874–1.838)		
Current smoker						
0–<5		12,297	350	1 (reference)		
5–<14		12,463	556	1.077 (0.942–1.231)		
14–<26		4,915	348	1.203 (1.037–1.396)		
≥26		1,886	174	1.282 (1.069–1.538)		
Age group, yr					<0.0001	
20–39		Nonsmokers	856,729	5,401	0.872 (0.802–0.949)	
		Quitters				
	0–<5	20,712	185	0.899 (0.764–1.059)		
	5–<14	46,763	545	0.949 (0.847–1.063)		
	14–<26	16,549	303	1.089 (0.95–1.25)		
	≥26	1,618	38	1.089 (0.784–1.511)		
	Current smoker					
	0–<5	65,212	657	1 (reference)		
	5–<14	299,361	3,954	1.15 (1.059–1.249)		
	14–<26	131,023	2,670	1.354 (1.242–1.477)		
	≥26	10,041	315	1.659 (1.448–1.902)		
	40–64	Nonsmokers	2,261,763	68,691	0.691 (0.651–0.733)	
		Quitters				
		0–<5	13,423	441	0.881 (0.79–0.983)	
5–<14		40,422	1,359	0.901 (0.833–0.975)		
14–<26		54,254	2,100	0.952 (0.886–1.023)		
≥26		36,865	2,212	1.14 (1.061–1.224)		

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Supplementary Table 3. Continued

Subgroup	Smoking amount	No. of subjects	Diabetes	HR (95% CI)	P interaction	
≥65	Current smoker					
	0-<5	32,076	1,164	1 (reference)		
	5-<14	145,637	5,008	1.044 (0.98–1.113)		
	14-<26	270,037	10,937	1.171 (1.102–1.244)		
	≥26	179,087	10,608	1.335 (1.257–1.419)		
	Nonsmokers					
	616,240					
	40,158					
	0.748 (0.657–0.853)					
	Quitters					
	0-<5	1,179	79	0.899 (0.696–1.161)		
	5-<14	2,851	187	0.88 (0.725–1.067)		
	14-<26	5,866	418	0.962 (0.818–1.13)		
	≥26	12,159	959	1.073 (0.929–1.24)		
	Current smoker					
	0-<5	3,175	229	1 (reference)		
5-<14	10,874	756	1.017 (0.877–1.179)			
14-<26	26,166	1,838	1.054 (0.919–1.21)			
≥26	38,710	3,123	1.203 (1.051–1.376)			
Hypertension						
<0.0001						
No	Nonsmokers					
	2,794,898					
	54,736					
	0.802 (0.757–0.85)					
	Quitters					
	0-<5	29,481	442	0.971 (0.871–1.083)		
	5-<14	72,470	1,234	0.968 (0.894–1.047)		
	14-<26	55,502	1,521	1.142 (1.06–1.232)		
	≥26	30,791	1,512	1.409 (1.306–1.52)		
	Current smoker					
	0-<5	85,199	1,239	1 (reference)		
	5-<14	386,597	6,279	1.092 (1.027–1.16)		
	14-<26	335,463	9,261	1.349 (1.271–1.431)		
	≥26	157,352	7,686	1.631 (1.534–1.733)		
	Yes	Nonsmokers				
		939,834				
59,514						
0.791 (0.737–0.849)						
Quitters						
0-<5		5,833	263	0.819 (0.712–0.941)		
5-<14		17,566	857	0.895 (0.813–0.985)		
14-<26		21,167	1,300	1.007 (0.923–1.1)		
≥26		19,851	1,697	1.224 (1.125–1.332)		
Current smoker						
0-<5		15,264	811	1 (reference)		
5-<14		69,275	3,439	0.991 (0.918–1.07)		
14-<26		91,763	6,184	1.219 (1.133–1.312)		
≥26		70,486	6,360	1.441 (1.339–1.551)		

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Supplementary Table 3. Continued

Subgroup	Smoking amount	No. of subjects	Diabetes	HR (95% CI)	P interaction	
Dyslipidemia					<0.0001	
No	Nonsmokers	3,011,727	69,689	0.803 (0.761–0.847)		
	Quitters					
	0–<5	30,716	502	0.925 (0.836–1.024)		
	5–<14	75,823	1,391	0.936 (0.87–1.008)		
	14–<26	60,184	1,832	1.132 (1.057–1.213)		
	≥26	36,891	2,025	1.406 (1.314–1.505)		
	Current smoker					
	0–<5	88,676	1,458	1 (reference)		
	5–<14	399,550	7,055	1.074 (1.015–1.136)		
	14–<26	357,905	10,934	1.348 (1.276–1.424)		
	≥26	181,936	9,731	1.618 (1.53–1.711)		
	Yes	Nonsmokers	723,005	44,561	0.791 (0.728–0.859)	
		Quitters				
		0–<5	4,598	203	0.873 (0.744–1.024)	
5–<14		14,213	700	0.966 (0.866–1.078)		
14–<26		16,485	989	1.042 (0.941–1.154)		
≥26		13,751	1,184	1.239 (1.122–1.369)		
Current smoker						
0–<5		11,787	592	1 (reference)		
5–<14		56,322	2,663	1.005 (0.919–1.099)		
14–<26		69,321	4,511	1.236 (1.134–1.347)		
≥26		45,902	4,315	1.499 (1.375–1.634)		
Regular exercise					0.0033	
No		Nonsmokers	3,038,942	91,887	0.824 (0.783–0.867)	
		Quitters				
	0–<5	26,781	506	0.902 (0.816–0.997)		
	5–<14	68,066	1,533	0.965 (0.9–1.035)		
	14–<26	56,895	2,144	1.185 (1.11–1.264)		
	≥26	37,859	2,421	1.393 (1.306–1.485)		
	Current smoker					
	0–<5	80,463	1,578	1 (reference)		
	5–<14	376,762	7,861	1.072 (1.016–1.132)		
	14–<26	353,539	12,543	1.347 (1.278–1.42)		
	≥26	188,073	11,466	1.622 (1.538–1.711)		
	Yes	Nonsmokers	695,79	22,363	0.748 (0.681–0.821)	
		Quitters				
		0–<5	8,533	199	0.935 (0.792–1.104)	
5–<14		21,97	558	0.931 (0.823–1.052)		
14–<26		19,774	677	0.94 (0.835–1.057)		
≥26		12,783	788	1.207 (1.076–1.355)		

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Supplementary Table 3. Continued

Subgroup	Smoking amount	No. of subjects	Diabetes	HR (95% CI)	<i>P</i> interaction
	Current smoker				
	0–<5	20	472	1 (reference)	
	5–<14	79,110	1,857	1.012(0.915–1.12)	
	14–<26	73,687	2,902	1.279(1.16–1.409)	
	≥26	39,765	2,580	1.51(1.367–1.667)	
Weight change					<0.0001
<–5%	Nonsmokers				
		516,553	16,298	0.713 (0.629–0.807)	
	Quitters				
	0–<5	2,934	66	0.884 (0.675–1.158)	
	5–<14	6,644	174	0.858 (0.708–1.04)	
	14–<26	5,511	212	0.986 (0.822–1.182)	
	≥26	3,956	240	1.193 (1–1.423)	
–5% to 5%	Current smoker				
	0–<5	10,082	260	1 (reference)	
	5–<14	41,653	994	0.931 (0.812–1.067)	
	14–<26	47,646	1,911	1.219 (1.071–1.388)	
	≥26	33,276	1,975	1.37 (1.203–1.561)	
–5% to 5%	Nonsmokers				
		2,499,048	78,385	0.806 (0.762–0.852)	
	Quitters				
	0–<5	20,804	438	0.906 (0.813–1.01)	
	5–<14	51,901	1,260	0.931 (0.861–1.005)	
	14–<26	45,019	1,728	1.111 (1.034–1.194)	
	≥26	29,423	1,912	1.321 (1.231–1.418)	
≥5%	Current smoker				
	0–<5	61,489	1,310	1 (reference)	
	5–<14	288,906	6,397	1.071 (1.009–1.136)	
	14–<26	297,655	10,874	1.335 (1.261–1.414)	
	≥26	161,966	10,092	1.604 (1.514–1.7)	
≥5%	Nonsmokers				
		719,131	19,567	0.878 (0.8–0.965)	
	Quitters				
	0–<5	11,576	201	0.957 (0.811–1.128)	
	5–<14	31,491	657	1.072 (0.953–1.206)	
	14–<26	26,139	881	1.191 (1.065–1.332)	
	≥26	17,263	1057	1.44 (1.291–1.607)	
≥5%	Current smoker				
	0–<5	28,892	480	1 (reference)	
	5–<14	125,313	2,327	1.105 (1.002–1.219)	
	14–<26	81,925	2,660	1.393 (1.263–1.535)	
	≥26	32,596	1,979	1.722 (1.556–1.906)	

HR, hazard ratio; CI, confidence interval.