

Supplementary Table 6. The risk of myocardial infarction according to age in each LDL-C group

LDL-C, mg/dL	Age group, yr	Number	MI	Duration, PY	IR, per 1,000 PY	Adjusted HR (95% CI)	
						Composite	Subgroup
Total	20–39	193,935	1,304	1,349,581.40	0.9662	1 (Ref.)	
	40–49	450,100	6,214	3,130,143.73	1.9852	1.191 (1.116–1.270)	
	50–59	677,776	13,943	4,705,644.03	2.9630	1.089 (1.011–1.174)	
	60–69	563,611	17,724	3,912,037.94	4.5306	1.012 (0.924–1.109)	
	≥70	341,972	18,029	2,175,355.86	8.2878	1.152 (1.030–1.288)	
<70	20–39	23,008	141	162,469.34	0.8679	1 (Ref.)	
	40–49	53,345	744	372,917.82	1.9951	1.260 (1.050–1.511)	
	50–59	84,214	1,776	580,662.82	3.0586	1.176 (0.984–1.406)	
	60–69	73,739	2,269	504,256.36	4.4997	1.079 (0.897–1.299)	
	≥70	41,824	1,971	261,908.98	7.5255	1.159 (0.953–1.410)	
<85	20–39	22,059	131	153,598.29	0.8529	1.067 (0.841–1.354)	
	40–49	46,133	531	321,194.67	1.6532	1.115 (0.924–1.344)	
	50–59	74,131	1,371	513,787.80	2.6684	1.074 (0.897–1.286)	
	60–69	68,134	2,009	470,061.30	4.2739	1.058 (0.879–1.274)	
	≥70	41,479	2,026	260,934.36	7.7644	1.215 (0.998–1.478)	
<100	20–39	30,546	160	212,475.35	0.7530	0.946 (0.754–1.186)	
	40–49	63,977	743	446,481.59	1.6641	1.149 (0.958–1.378)	
	50–59	96,709	1,839	672,923.40	2.7329	1.128 (0.944–1.348)	
	60–69	85,998	2,583	596,570.58	4.3298	1.092 (0.909–1.313)	
	≥70	53,023	2,622	336,189.05	7.7992	1.238 (1.018–1.504)	
<115	20–39	33,150	198	230,277.89	0.8598	1.061 (0.855–1.316)	
	40–49	73,213	900	509,946.73	1.7649	1.245 (1.040–1.489)	
	50–59	106,708	2,119	742,376.31	2.8544	1.210 (1.014–1.445)	
	60–69	90,540	2,729	630,364.32	4.3292	1.109 (0.923–1.333)	
	≥70	56,060	2,941	356,996.38	8.2382	1.316 (1.083–1.599)	
<130	20–39	29,572	198	205,749.46	0.9623	1.166 (0.940–1.447)	
	40–49	69,415	886	483,599.90	1.8321	1.310 (1.095–1.568)	
	50–59	100,312	1,954	699,650.38	2.7928	1.210 (1.013–1.445)	
	60–69	82,256	2,611	573,179.40	4.5553	1.191 (0.990–1.431)	
	≥70	50,880	2,661	325,282.82	8.1806	1.323 (1.089–1.608)	
<145	20–39	22,467	152	155,731.71	0.9760	1.161 (0.923–1.460)	
	40–49	56,300	774	391,450.18	1.9773	1.426 (1.189–1.709)	
	50–59	80,857	1,739	561,596.46	3.0965	1.377 (1.152–1.645)	
	60–69	63,194	2,037	442,033.07	4.6083	1.229 (1.022–1.479)	
	≥70	39,035	2,158	250,046.50	8.6304	1.412 (1.160–1.717)	
<160	20–39	14,957	101	103,683.79	0.9741	1.138 (0.882–1.470)	
	40–49	38,394	596	265,951.80	2.2410	1.618 (1.344–1.947)	
	50–59	56,779	1,248	395,204.88	3.1579	1.434 (1.197–1.717)	
	60–69	43,393	1,426	302,874.33	4.7082	1.282 (1.063–1.546)	
	≥70	26,440	1,548	170,600.96	9.0738	1.508 (1.237–1.838)	
≥160	20–39	18,176	223	125,595.56	1.7755	2.030 (1.644–2.506)	
	40–49	49,323	1,040	338,601.03	3.0715	2.207 (1.847–2.636)	
	50–59	78,066	1,897	539,441.99	3.5166	1.635 (1.369–1.953)	
	60–69	56,357	2,060	392,698.58	5.2458	1.474 (1.225–1.773)	
	≥70	33,231	2,102	213,396.81	9.8502	1.673 (1.375–2.036)	

LDL-C, low-density lipoprotein cholesterol; MI, myocardial infarction; PY, person-year; IR, incidence rate; HR, hazard ratio; CI, confidence interval.