

Appendix: Unadjusted Incidence Rates for Hospitalized MI Stratified by levels of Inflammatory Markers and Lipid Levels and by Gender

	All				Female				Male			
	# Event	# Person-years (PY)	Incidence Rate (IR) per 1,000 PYs	p-Trend	# Event	# PY	IR per 1,000 PYs	p-Trend	# Event	# PY	IR per 1,000 PYs	p-Trend
LDL-cholesterol (mg/dL)	N=560											
<100	288	80512.45	3.6(3.2-4.0)	0.69	5	5913.97	1.2(0.7-1.9)	0.70	283	74598.48	3.8(3.4-4.2)	0.47
≥100 <130	169	48001.96	3.5(3.0-4.1)		9	5107.01	1.2(0.7-1.9)		160	42894.95	3.8(3.3-4.4)	
≥130 <160	65	20527.43	3.2(2.5-4.0)		3	2471.77	1.1(0.7-1.8)		62	18055.65	3.5(2.7-4.4)	
≥160	38	6733.90	5.6(4.1-7.8)		1	1082.35	2.0(1.2-3.5)		37	5651.55	6.3(4.6-8.7)	
HDL-cholesterol (mg/dL)	N=568											
≥60	50	21175.35	2.4(1.8-3.1)	<0.0001	6	4675.83	1.1(0.6-1.7)		44	16499.52	2.7(2.1-3.6)	
≥50 <59	74	25747.01	2.9(2.3-3.6)		3	3589.74	1.2(0.7-2.0)		71	22157.27	3.1(2.5-4.0)	
≥40 <50	148	46538.45	3.2(2.7-3.7)		3	4005.02	1.3(0.8-2.1)		145	42533.43	3.4(2.9-3.9)	
<40	296	64162.84	4.6(4.1-5.2)		7	2444.57	1.8(1.1-2.9)	0.34	289	61718.27	4.7(4.2-5.3)	<0.0001
CRP (mg/dL)	N=334											
≤0.34	60	25242.73	3.3(2.6-4.1)	<0.0001	6	2791.50	1.2(0.7-2.2)	0.35	54	22451.23	3.5(2.8-4.4)	<0.0001
> 0.34 ≤0.71	81	24783.99	3.7(3.0-4.6)		4	2769.48	1.4(0.8-2.5)		77	22014.52	4.0(3.2-4.9)	
>0.714 ≤1.8	86	23115.69	2.4(1.8-3.1)		1	2462.57	0.9(0.5-1.6)		85	20653.12	2.6(2.0-3.3)	
>1.8	107	20570.28	5.2(4.3-6.3)		1	1544.86	1.9(1.0-3.4)		106	19025.42	5.5(4.5-6.6)	
ESR (mm/hr)	N=346											
≤ 10	78	29900.25	3.0(2.4-3.8)	<0.0001	0	2174.92	1.0(0.5-1.8)	0.03	78	27725.33	3.3(2.6-4.1)	<0.0001
>10 ≤ 22	76	25110.13	3.6(2.9-4.5)		3	2944.22	1.2(0.4-2.1)		73	22165.91	4.0(3.2-4.9)	
>22 ≤42	90	24858.49	2.6(2.1-3.3)		4	3188.53	0.8(0.4-1.5)		86	21669.95	2.7(2.2-3.4)	
>42	102	21376.23	4.8(3.9-5.8)		5	2282.79	1.5(0.9-2.8)		97	19093.43	5.2(4.2-6.3)	
Serologic Status	N=597											
Seronegative	111	41174.52	2.7(2.2-3.2)		7	5180.34	0.9(0.6-1.5)		104	35994.18	2.9(2.4-3.6)	
Seropositive	313	89646.87	3.5(3.1-3.9)		9	8038.87	1.2(0.8-1.9)		304	81608.01	3.7(3.3-4.2)	
No Serology	173	42720.51	4.0(3.5-4.7)		3	3374.39	1.4(0.9-2.2)		170	39346.11	4.3(3.7-5.0)	

Note: LDL and HDL stratified per Adult Treatment Panel (ATP) III guidelines; CRP and ESR stratified by quartiles. MI = myocardial infarction; ESR = erythrocyte sedimentation rate; CRP = C-reactive protein; LDL = low density lipoprotein; HDL = high density lipoprotein; IR = incident rate; Seropositive = rheumatoid factor and/or anti-cyclic citrullinated peptide positive; Seronegative = both tests negative.