Table 1. Baseline Characteristics of Propensity Score-Matched Statin-Users and Nonusers.

	Nonusers (N = 6728)	Statin-users (N = 6728)	Standardized differences
Age in years: mean (SD)	52 (14)	52 (12)	0.002
Female sex: n (%)	3168 (47.1)	3154 (46.9)	-0.004
Health care use			
Follow-up duration in days: mean (SD)	1450 (778)	1445 (584)	-0.009
Baseline period start date: n (%)			
FY 2004-2006	5181 (77.0)	5166 (76.8)	
FY 2007-2009	1492 (22.2)	1504 (22.4)	
FY 2009-end of study	55 (0.8)	58 (0.9)	0.006
Number of inpatient admissions during baseline period: mean (SD)	0.65 (1.64)	0.62 (1.98)	-0.013
Number of outpatient medical encounters during baseline period: mean (SD)	66 (105)	65 (86)	-0.014
Number of inpatient procedures during baseline period: mean (SD)	0.51 (1.34)	0.48 (1.76)	-0.021
Number of outpatient procedures during baseline period: mean (SD)	40 (93)	39 (70)	-0.012
Received immunization and screening for infectious disease: n (%)	1814 (27.0)	1765 (26.2)	-0.016
Social & family history: n (%)			
Smoking[1]	1816 (27.0)	1821 (27.1)	0.002
Family history of cardiovascular diseases[2]	342 (5.1)	366 (5.4)	0.015
Illicit drug use	48 (0.7)	50 (0.7)	0.003
Alcohol abuse/dependence	99 (1.5)	92 (1.4)	-0.009
Comorbid conditions/diseases:[3] n (%)			
Charlson comorbidity score: mean (SD)[4]	0.74 (1.33)	0.73 (1.31)	0.003
Obese-overweight	1732 (25.7)	1735 (25.8)	0.001
Thyroid diseases	857 (12.7)	860 (12.8)	0.001
Diabetes mellitus	1321 (19.6)	1354 (20.1)	0.011

Diabetes mellitus with complications	475 (7.1)	487 (7.2)	0.006
Deficiency and other anemia	533 (7.9)	506 (7.5)	-0.014
Headache	878 (13.0)	856 (12.7)	-0.010
Cataract	1016 (15.1)	1015 (15.1)	<0.001
Macular degeneration	78 (1.2)	81 (1.2)	0.004
Valvular heart disease	519 (7.7)	501 (7.4)	-0.009
Pericarditis, endocarditis, myocarditis	102 (1.5)	108 (1.6)	0.006
Hypertension	3556 (52.9)	3510 (52.2)	-0.014
Hypertension with complication or secondary hypertension	217 (3.2)	205 (3.0)	-0.008
Myocardial infarction	40 (0.6)	49 (0.7)	0.008
Coronary artery disease	418 (6.2)	439 (6.5)	0.010
Non-specific chest pain	1120 (16.6)	1103 (16.4)	-0.006
Cor-pulmonale	95 (1.4)	85 (1.3)	-0.012
Other/ill-defined heart disease	246 (3.7)	238 (3.5)	-0.006
Conduction disorders	151 (2.2)	146 (2.2)	-0.004
Cardiac dysrhythmias	823 (12.2)	759 (11.3)	-0.028
Arrest ventricular fibrillation	13 (0.2)	10 (0.1)	-0.008
Congestive heart failure	142 (2.1)	129 (1.9)	-0.012
Acute cerebrovascular disease	99 (1.5)	95 (1.4)	-0.004
Cerebrovascular disease	186 (2.8)	185 (2.7)	-0.001
Peripheral vascular disease	197 (2.9)	186 (2.8)	-0.008
Aortic; peripheral; and visceral artery aneurysms	68 (1.0)	66 (1.0)	-0.002
Embolism or thrombosis	20 (0.3)	14 (0.2)	-0.016
Chronic obstructive pulmonary disease and bronchiectasis	722 (10.7)	729 (10.8)	0.003
Asthma	225 (3.3)	213 (3.2)	-0.011
Respiratory failure	52 (0.8)	46 (0.7)	-0.009
Gastroduodenal ulcer	57 (0.8)	53 (0.8)	-0.007
Gastritis and duodenitis	253 (3.8)	252 (3.7)	-0.001
Inflammatory bowel diseases	32 (0.5)	34 (0.5)	0.004
Gastrointestinal hemorrhage	287 (4.3)	274 (4.1)	-0.009
Non-infectious gastroenteritis	259 (3.8)	237 (3.5)	-0.018

Nausea and vomiting	358 (5.3)	355 (5.3)	-0.002
Abdominal pain	885 (13.2)	874 (13.0)	-0.005
Nephritis and nephrosis	87 (1.3)	88 (1.8)	0.001
Acute and unspecified renal failure	98 (1.5)	97 (1.4)	-0.001
Chronic kidney disease	113 (1.7)	121 (1.8)	0.006
Rheumatoid arthritis	104 (1.5)	110 (1.6)	0.007
Systemic lupus erythrematosis	77 (1.1)	72 (1.1)	-0.007
Pathological fracture	45 (0.7)	36 (0.5)	-0.017
Osteoarthritis and other non-traumatic joint disorders	2714 (40.3)	2653 (39.4)	-0.018
Spondylosis, intervertebral disc disorders, other back problems	2020 (30.0)	1992 (29.6)	0.014
Use-related joint disorders (dislocations, sprains and strains)	1363 (20.3)	1368 (20.3)	0.002
Osteoporosis	299 (4.4)	285 (4.2)	-0.010
Vitamin D deficiency	45 (0.7)	54 (0.8)	0.010
Rehabilitation care, fitting of prostheses, and adjustment of devices	1193 (17.7)	1179 (17.5)	-0.006
Schizophrenia and psychosis	42 (0.6)	29 (0.4)	-0.028
Suicide	13 (0.2)	19 (0.3)	0.016
Dementia[4]	27 (0.4)	24 (0.4)	-0.007
Mild liver disease[4]	47 (0.7)	41 (0.6)	-0.010
Severe liver disease[4]	16 (0.2)	13 (0.2)	-0.009
Malignancy[4]	386 (5.7)	389 (5.8)	0.002
HIV[4]	7 (0.1)	8 (0.1)	0.005
Medications during baseline period: n (%)			
Smoking cessation medication	181 (2.7)	176 (2.6)	-0.004
Beta-blocker	976 (14.5)	973 (14.5)	-0.001
Diuretic	1846 (27.4)	1785 (26.5)	-0.20
ACE/ARB	2478 (36.8)	2470 (36.7)	-0.002
Calcium channel blocker	906 (13.5)	889 (13.2)	-0.007
Other antihypertensive medication	285 (4.2)	278 (4.1)	-0.005

Oral hypoglycemic	503 (7.5)	489 (7.3)	-0.007
Insulin	166 (2.5)	173 (2.6)	0.006
Proton pump inhibitor	2138 (31.8)	2097 (31.2)	-0.013
Aspirin	1369 (20.3)	1367 (20.3)	-0.001
Antiplatelet agent (other than aspirin)	152 (2.3)	160 (2.4)	0.005
Warfarin	200 (3.0)	179 (2.7)	-0.018
NSAID	3941 (58.6)	3902 (58.0)	-0.012
Bisphosphonate	483 (7.2)	452 (6.7)	-0.019
Sedative	1428 (21.2)	1432 (21.3)	0.001
SSRI	979 (14.6)	980 (14.6)	<0.001
Antipsychotic	121 (1.8)	117 (1.7)	-0.004
Tricyclic anti-depressant	2 (0.0)	2 (0.0)	0
Systemic corticosteroid	671 (10.0)	671 (10.0)	0
Hormone replacement therapy	750 (11.1)	760 (11.3)	0.005
Testosterone	42 (0.6)	43 (0.6)	0.002
Non-statin lipid lowering drug	688 (10.2)	717 (10.7)	0.012
Cytochrome p450	520 (7.7)	519 (7.7)	-0.001
Cardiovascular procedures during baseline period: n (%)			
Electrocardiography	2308 (34.3)	2258 (33.6)	-0.015
Electrocardiography: more than 5 times	451 (6.7)	436 (6.5)	-0.008
Echocardiography	785 (11.7)	761 (11.3)	-0.010
Echocardiography: more than 2 times	785 (11.7)	761 (11.3)	-0.010
Stress test	625 (9.3)	617 (9.2)	-0.004
Cardiac catheterization	96 (1.4)	107 (1.6)	0.007
Percutaneous coronary intervention	11 (0.2)	19 (0.3)	0.011
Coronary artery bypass graft surgery	3 (0.0)	6 (0.1)	0.004
Pacemaker/defibrillator implantation	29 (0.4)	28 (0.4)	-0.002
Peripheral arterial revascularization procedures	9 (0.1)	9 (0.1)	<0.001

Abbreviations: ACE/ARB: angiotensin-receptor blockers & angiotensin converting enzyme inhibitors; Cytochrome p450: medications that inhibit the Cytochrome p450 system as identified in a recent FDA warning;[83] FY: fiscal year; HIV: Human Immunodeficiency Virus; NSAID: non-

steroidal anti-inflammatory drugs; SD: standard deviation; SSRI: selective serotonin reuptake inhibitors

1. Smoking as defined using ICD-9-CM codes: 3051 and V1582.
2. Family history of cardiovascular disease was defined using ICD-9-CM codes: V171, V1749, V174, V1741, and V173.
3. Diagnoses as defined by the Agency for Health Research and Quality (AHRQ) Clinical Classifications Software disease categories (appendix 2).
4. Using Deyo et al. method in calculating Charlson comorbidity score using administrative data. We also matched the cohort on the 17 components of the Charlson comorbidity score (not all of which are listed in this table)