Supplemental Table 1. Comparison of baseline characteristics between participants who were included in the analysis and those who were excluded.

Characteristics	Included patients N= 18,025	Excluded patients N=12,443
Mean age ± SD (years)	48 (18)	47 (19)
Male sex, N (%)	9,278 (51.5)	6,383 (51.3)
Race, N (%)		
White	7,620 (42.3)	5,288 (42.5)
African-American	3,898 (21.6)	2,663 (21.4)
Hispanic	4,321 (24.0)	2,999 (24.1)
Other	2,190 (12.1)	1,493 (12.0)
Education, N (%)		
Less than high school	4,354 (24.9)	3,235 (26.0)
High school graduate	3,898 (22.2)	2,526 (20.3)
Some college	5169 (29.5)	3,820 (30.7)
College graduate	4,099 (23.4)	2,862 (24.0)
Marital status, N (%)		
Single	3,399 (21.2)	2,899 (23.3)
Married	10,174 (63.3)	7,665 (61.6)
Divorced/separated	2,497 (15.5)	1,879 (15.1)
History of current smoking, N (%)	2,866 (15.9)	2,003 (16.1)
Number of people in household, mean ± SD	3 ± 1	3 ± 1
Household income, N (%)		
< $35,000	7,172 (41.9)	4,952 (39.8)
$35,000- $65,000	3,886 (21.6)	2,787 (22.4)
> $65,000	6,040 (33.5)	4,703 (37.8)
Physical activity, N (%)		
Sedentary	11,378 (63.1)	7,814 (62.8)
Low	1,116 (6.2)	796 (6.4)
Moderate	2,591 (14.4)	1642 (13.2)
Vigorous	2,935 (16.3)	2,190 (17.6)
Average number of drinks per day, mean (SD)	3.3 (1.8)	3.4 (2.1)
Comorbidities, N (%)		
Hypertension	6,366 (35.3)	4,629 (37.2)
Diabetes mellitus	2,156 (12.0)	1,468 (11.8)
Coronary artery disease	682 (3.8)	485 (3.9)
Congestive heart failure	543 (3.0)	411 (3.3)
Stroke	658 (3.7)	435 (3.5)
Pulmonary disease	1,043 (5.7)	722 (5.8)
Chronic kidney disease	650 (3.6)	423 (3.4)
Liver disease	642 (3.5)	460 (3.7)
Malignancy	1,655 (9.1)	1,145 (9.2)
Metabolic risk factors, N (%)[a]		
Impaired fasting glucose	5,100 (28.2)	3,559 (28.6)
Low HDL level	5,225 (28.9)	3,571 (28.7)

Elevated triglycerides	5,474 (30.3)	3,795 (30.5)
Elevated blood pressure	8,139 (45.1)	5,649 (45.4)
Increased waist circumference	9,052 (50.2)	6,209 (49.9)
BMI, Mean (SD)	28.9 (6.9)	28.3 (7.1)
Mean PHQ-9 score, (SD)	3.0 (0.9)	3.1 (1)
Antidepressant use, N (%)	974 (5.4)	722 (5.9)
Statin use, N (%)	3,612 (20.0)	2526 (20.3)

MHN = metabolically healthy normal weight; MHO = metabolically healthy obesity; MUN = metabolically unhealthy normal weight; MUO = metabolically unhealthy obesity; BMI= body mass index, MetS= Metabolic syndrome, PHQ = Patient Health Questionnaire, SD= Standard deviation

[a] Impaired fasting glucose defined as fasting glucose ≥ 100 milligrams per deciliter (mg/dL), low HDL cholesterol defined as values <40 mg/dL in men or <50 mg/dL in women, Elevated triglycerides defined as values ≥ 150 mg/dL; elevated blood pressure defined as values ≥ 130/85 mm Hg: increased waist circumference defined as measurements ≥ 102 cm in men or ≥ 88 cm in women: Obesity defined as BMI ≥30.

Supplemental Table 2. Comparison of baseline characteristics between participants with and without data on CRP levels.

Characteristics	Patients with CRP levels N= 5,874	Patients without CRP levels N=12,151
Mean age ± SD (years)	48.4 (16)	48.8 (17)
Male sex, N (%)	3,013 (51.3)	6,258 (51.5)
Race, N (%)		
White	2,502 (42.6)	5,164 (42.5)
African-American	1,263 (21.5)	2,588 (21.3)
Hispanic	1,421 (24.2)	2,941 (24.2)
Other	688 (11.7)	1,458 (12.0)
Education, N (%)		
Less than high school	1,457 (24.8)	3,184 (26.2)
High school graduate	1,310 (22.3)	2,442 (20.1)
Some college	1,715 (29.2)	3,706 (30.5)
College graduate	1,386 (23.6)	2,941 (24.2)
Marital status, N (%)		
Single	1,257 (21.4)	2,819 (23.2)
Married	3,706 (63.1)	7,497 (61.7)
Divorced/separated	911 (15.5)	1,835 (15.1)
History of current smoking, N (%)	922 (15.7)	1,920 (15.8)
Number of people in household, mean ± SD	3 ± 1	3 ± 1
Household income, N (%)		
< $35,000	2,455 (41.8)	4,812 (39.6)
$35,000- $65,000	1,275 (21.7)	2,734 (22.5)
> $65,000	1,968 (33.5)	4,605 (37.9)
Physical activity, N (%)		
Sedentary	3,718 (63.3)	7,594 (62.5)
Low	358 (6.1)	766 (6.3)
Moderate	846 (14.4)	1,592 (13.1)
Vigorous	952 (16.2)	2,199 (18.1)
Average number of drinks per day, mean (SD)	3.2 (2.3)	3.5 (1.3)
Comorbidities, N (%)		
Hypertension	2,015 (34.3)	4,399 (36.2)
Diabetes mellitus	687 (11.7)	1,434 (11.8)
Coronary artery disease	229 (3.9)	450 (3.7)
Congestive heart failure	164 (2.8)	377 (3.1)
Stroke	206 (3.5)	401 (3.3)
Pulmonary disease	317 (5.4)	693 (5.7)
Chronic kidney disease	193 (3.3)	413 (3.4)
Liver disease	229 (3.9)	437 (3.6)
Malignancy	546 (9.3)	1,106 (9.1)
Metabolic risk factors, N (%)[a]		

Impaired fasting glucose	1,651 (28.1)	3,439 (28.3)
Low HDL level	1,698 (28.9)	3,500 (28.8)
Elevated triglycerides	1,774 (30.2)	3,657 (30.1)
Elevated blood pressure	2,655 (45.2)	5,480 (45.1)
Increased waist circumference	2,949 (50.2)	6,088 (50.1)
BMI, Mean (SD)	28.6 (6.9)	28.8 (7.0)
Mean PHQ-9 score, (SD)	3.0 (1.2)	3.0 (1)
Antidepressant use, N (%)	300 (5.1)	644 (5.3)
Statin use, N (%)	1,186 (20.2)	2,442 (20.1)

MHN = metabolically healthy normal weight; MHO = metabolically healthy obesity; MUN = metabolically unhealthy normal weight; MUO = metabolically unhealthy obesity; BMI= body mass index, MetS= Metabolic syndrome, PHQ = Patient Health Questionnaire, SD= Standard deviation

[a] Impaired fasting glucose defined as fasting glucose $\geq$ 100 milligrams per deciliter (mg/dL), low HDL cholesterol defined as values <40 mg/dL in men or <50 mg/dL in women, Elevated triglycerides defined as values $\geq$ 150 mg/dL; elevated blood pressure defined as values $\geq$ 130/85 mm Hg: increased waist circumference defined as measurements $\geq$ 102 cm in men or $\geq$ 88 cm in women: Obesity defined as BMI $\geq$30.

Supplemental Figure. Frequency of CRP ≥ 3 in participants classified by obesity and metabolic status.
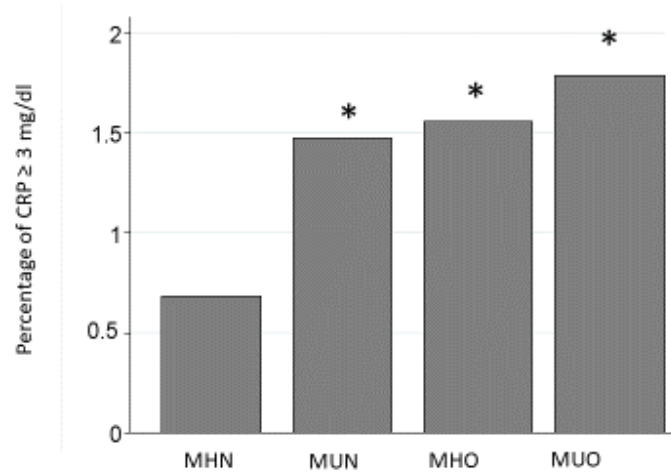
MHN: Metabolically healthy normal weight, MHO: Metabolically healthy obesity, MUN: Metabolically unhealthy normal weight, MUO: Metabolically unhealthy obesity; *: $P < 0.001$ compared to MHN