

Supplemental Table 1. Hazard ratios (95% confidence intervals) of all-cause death by weight and metabolic subtype categories stratified by race.

	Normal Weight (BMI 18.5 to 24.9 kg/m ²)		Overweight (BMI 25 – 29.9 kg/m ²)		Non-morbidly Obese (BMI 30-39.9 kg/m ²)	
	Metabolically Healthy	Metabolically Unhealthy	Metabolically Healthy	Metabolically Unhealthy	Metabolically Healthy	Metabolically Unhealthy
N (white/black)	520/257	120/58	461/310	445/307	162/263	68/100
Model 1 ^a						
Whites	1.0 (ref)	1.49 (0.99-2.23)	0.79 (0.58-1.09)	0.85 (0.62-1.16)	0.73 (0.45-1.18)	0.79 (0.51-1.21)
Blacks	1.0 (ref)	1.26 (0.74-2.15)	0.46 (0.31-0.69)	0.68 (0.47-0.97)	0.37 (0.24-0.59)	0.53 (0.34-0.83)
Model 2 ^b						
Whites	1.0 (ref)	1.40 (0.94-2.11)	0.81 (0.59-1.11)	0.86 (0.63-1.18)	0.99 (0.61-1.61)	1.05 (0.69-1.60)
Blacks	1.0 (ref)	1.39 (0.81-2.38)	0.52 (0.35-0.78)	0.81 (0.56-1.16)	0.53 (0.33-0.83)	0.84 (0.54-1.30)
Model 3 ^c						
Whites	1.0 (ref)	1.15 (0.76-1.75)	0.87 (0.63-1.21)	0.79 (0.57-1.09)	0.99 (0.60-1.66)	1.03 (0.67-1.59)
Blacks	1.0 (ref)	1.26 (0.72-2.20)	0.57 (0.37-0.88)	0.77 (0.53-1.13)	0.62 (0.39-0.99)	0.79 (0.51-1.21)

^aUnadjusted; ^bAdjusted for age, sex and geographic region of residence; ^cAdjusted for age, race, sex, geographic region of residence, educational achievement, annual family income, physical activity, tobacco usage, history of coronary heart disease and stroke, estimated glomerular filtration rate and natural log-transformed urinary albumin to creatinine ratio

Supplemental Table 2. Hazard ratios (95% confidence intervals) of all-cause death by weight and metabolic subtype categories with the obese category further subdivided into morbid and non-morbid obesity categories.

	<i>Normal Weight</i> (BMI 18.5 to 24.9 kg/m ²)		<i>Overweight</i> (BMI 25 – 29.9 kg/m ²)		<i>Non-morbidly Obese</i> (BMI 30-39.9 kg/m ²)		
	Metabolically Healthy	Metabolically Unhealthy	Metabolically Healthy	Metabolically Unhealthy	Metabolically Healthy	Metabolically Unhealthy	
N	777	178	771	752	381	1178	
Model 1 ^a	1.0 (ref)	1.39 (1.01,1.92)	0.65 (0.51, 0.84)	0.79 (0.62, 1.00)	0.55 (0.39, 0.77)	0.66 (0.53, 0.83)	0.
Model 2 ^b	1.0 (ref)	1.40 (1.01, 1.93)	0.68 (0.53, 0.87)	0.85 (0.67, 1.08)	0.71 (0.50, 1.00)	0.89 (0.71, 1.13)	0.
Model 3 ^c	1.0 (ref)	1.17 (0.84, 1.63)	0.74 (0.57, 0.96)	0.79 (0.62, 1.01)	0.78 (0.55, 1.12)	0.84 (0.66, 1.07)	0.

^aUnadjusted; ^bAdjusted for age, sex and geographic region of residence; ^cAdjusted for age, race, sex, geographic region of residence, educational achievement, annual family income, physical activity, tobacco usage, history of coronary heart disease and stroke, estimated glomerular filtration rate and natural log-transformed urinary albumin to creatinine ratio