Supporting Information

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Table S1. Cox hazards of dying during follow-up in NHANES, 1988–2011: Models 1–6

Characteristic	Age + Sex [SE]		Age + Sex + Race [SE]		Age + Sex + Race + Smoking[SE]	
	Model 1	Model 2	Model 3	Model 4	Model 5	Model 6
Calendar year	−0.0181 [0.0046]	−0.0235 [0.0044]	−0.0183 [0.0044]	−0.0235 [0.0043]	−0.0137 [0.0042]	−0.0192 [0.0040]
Age at baseline	0.0869 [0.0025]	0.0878 [0.0025]	0.0876 [0.0024]	0.0883 [0.0025]	0.0947 [0.0028]	0.0964 [0.0029]
Sex (ref: female)	0.3898 [0.0321]	0.4070 [0.0321]	0.3994 [0.0322]	0.4186 [0.0322]	0.2907 [0.0340]	0.3144 [0.0352]
Race/ethnicity (ref: Non-Hispanic White)						
Non-Hispanic Black	—	—	0.4720 [0.0430]	0.3803 [0.0453]	0.4175 [0.0442]	0.3215 [0.0457]
Hispanic	—	—	−0.0173 [0.0695]	−0.0280 [0.0674]	−0.0007 [0.0719]	−0.0119 [0.0690]
Other	—	—	0.0236 [0.1526]	0.1148 [0.1502]	0.0856 [0.1450]	0.1623 [0.1495]
Smoking status (ref: never)						
Former	—	—	—	—	0.3846 [0.0489]	0.3711 [0.0481]
Current	—	—	—	—	1.0480 [0.0547]	1.0975 [0.0550]
Max BMI above 25	—	—	—	0.0412 [0.0035]	—	0.0455 [0.0035]

All results reflect sample weighting.

Table S2. Cox hazards of dying during follow-up in NHANES, 1988–2011: Models 7–10

Characteristic	Age + Sex + Race + Education [SE]		Full model [SE]	
	Model 7	Model 8	Model 9	Model 10
Calendar year	−0.0118 [0.0043]	−0.0170 [0.0042]	−0.0090 [0.0041]	−0.0147 [0.0040]
Age at baseline	0.0826 [0.0025]	0.0838 [0.0026]	0.0903 [0.0029]	0.0926 [0.0030]
Sex (ref: female)	0.4352 [0.0335]	0.4490 [0.0335]	0.3149 [0.0362]	0.3326 [0.0372]
Race/ethnicity (ref: Non-Hispanic White)				
Non-Hispanic Black	0.3439 [0.0405]	0.2806 [0.0426]	0.3218 [0.0411]	0.2494 [0.0427]
Hispanic	−0.2213 [0.0656]	−0.2048 [0.0634]	−0.1658 [0.0689]	−0.1500 [0.0658]
Other	0.0026 [0.1378]	0.0846 [0.1380]	0.0621 [0.1373]	0.1366 [0.1427]
Education (ref: high school)				
Less than ninth grade	0.2963 [0.0495]	0.2641 [0.0515]	0.2747 [0.0467]	0.2432 [0.0466]
Less than high school	0.1805 [0.0548]	0.1519 [0.0538]	0.1293 [0.0533]	0.1008 [0.0525]
Some college/AA degree	−0.0907 [0.0468]	−0.0765 [0.0468]	−0.0613 [0.0460]	−0.0383 [0.0466]
Bachelor's or more	−0.5633 [0.0705]	−0.5110 [0.0711]	−0.4345 [0.0727]	−0.3694 [0.0739]
Smoking status (ref: never)				
Former	—	—	0.3714 [0.0467]	0.3610 [0.0469]
Current	—	—	0.9742 [0.0573]	1.0364 [0.0574]
Max BMI above 25	—	0.0368 [0.0036]	—	0.0425 [0.0036]

All results reflect sample weighting.

Table S3. Cox hazards of dying during follow-up in NHANES, 1988–2011: Models 11–12

Characteristic	BMI × year [SE] Model 11	BMI × Smoke [SE] Model 12
Calendar year	−0.0194 [0.0055]	−0.0147 [0.0040]
Age at baseline	0.0926 [0.0030]	0.0925 [0.0030]
Sex (ref: female)	0.3325 [0.0374]	0.3315 [0.0371]
Race/ethnicity (ref: Non-Hispanic White)		
Non-Hispanic Black	0.2491 [0.0427]	0.2440 [0.0430]
Hispanic	−0.1505 [0.0658]	−0.1514 [0.0663]
Other	0.1363 [0.1430]	0.1453 [0.1431]
Education (ref: high school)		
Less than ninth grade	0.2463 [0.0460]	0.2433 [0.0466]
Less than high school	0.1019 [0.0525]	0.0987 [0.0526]
Some college/AA degree	−0.0391 [0.0465]	−0.0404 [0.0465]
Bachelor's or more	−0.3686 [0.0740]	−0.3683 [0.0739]
Smoking status (ref: never)		
Former	0.3611 [0.0468]	0.4599 [0.0796]
Current	1.0357 [0.0574]	1.1168 [0.0744]
Max BMI above 25	0.0326 [0.0080]	0.0508 [0.0060]
Max BMI × Calendar year	0.0007 [0.0005]	
Max BMI × Smoking		
BMI × Former	—	−0.0133 [0.0074]
BMI × Current	—	−0.0113 [0.0078]

All results reflect sample weighting.