ESM Table 6. Diabetes Incidence Hazard Ratios by Total Cardiovascular Health Score

	Overall Unadjusted n= 5348	Multivariable Adjusted[a] n= 5348	non-Hispanic white[a] n=2277	Chinese American[a] n=676	African American[a] n=1293	Hispanic American[a] n=1102
			Diabetes Incidence Hazard Ratios by Total Cardiovascular Health Score, HR (95%CI)			
1+2	1+2 (Referent)	1+2 (Referent)	1+2 (Referent)	1+2 (Referent) [b]	1+2 (Referent)	1+2 (Referent)
3	0.80 (0.38, 1.66)	0.77 (0.37, 1.61)	0.72 (0.23, 2.31)	N/A[b]	1.66 (0.34, 8.04)	0.52 (0.15, 1.76)
4	0.56 (0.28, 1.12)	0.53 (0.27, 1.05)	0.63 (0.21, 1.91)	N/A[b]	0.92 (0.20, 4.12)	0.32 (0.10, 1.00)
5	0.62 (0.32, 1.19)	0.60 (0.31, 1.16)	0.48 (0.17, 1.37)	N/A[b]	1.69 (0.40, 7.10)	0.37 (0.13, 1.08)
6	0.56 (0.29, 1.06)	0.54 (0.28, 1.03)	0.64 (0.23, 1.78)	N/A[b]	0.92 (0.22, 3.88)	0.25 (0.09, 0.73)
7	0.45 (0.24, 0.86)	0.45 (0.24, 0.86)	0.34 (0.12, 0.95)	N/A[b]	1.02 (0.24, 4.26)	0.28 (0.10, 0.81)
8	0.40 (0.21, 0.77)	0.41 (0.21, 0.79)	0.30 (0.11, 0.86)	N/A[b]	1.01 (0.24, 4.28)	0.30 (0.10, 0.88)
9	0.23 (0.12, 0.46)	0.24 (0.12, 0.48)	0.11 (0.04, 0.36)	N/A[b]	0.72 (0.16, 3.23)	0.27 (0.09, 0.82)
10	0.12 (0.05, 0.27)	0.13 (0.06, 0.28)	0.04 (0.01, 0.20)	N/A[b]	0.14 (0.01, 1.56)	0.10 (0.02, 0.44)
11+12	0.12 (0.04, 0.33)	0.13 (0.05, 0.37)	0.16 (0.04, 0.64)	N/A[b]	0.52 (0.05, 5.80)	N/A
P for trend [c]	p< 0.0001	p< 0.0001	p< 0.0001	N/A[b]	p<0.01	p<0.01
			Diabetes Incidence Hazard Ratios for Inadequate, Average and Optimal Total Cardiovascular Health, HR (95%CI)			
Inadequate (0-4)	1 (Referent)	1 (Referent)	1 (Referent)	1 (Referent)	1 (Referent)	1 (Referent)
Average (5-8)	0.74 (0.58, 0.94)	0.77 (0.60, 0.98)	0.60 (0.40, 0.89)	0.76 (0.24, 2.46)	1.02 (0.64, 1.63)	0.70 (0.45, 1.09)
Optimal (9-12)	0.28 (0.20, 0.38)	0.31 (0.22, 0.43)	0.14 (0.08, 0.26)	0.28 (0.08, 0.94)	0.51 (0.26, 1.00)	0.46 (0.26, 0.84)

| P for trend [c] | p<0.0001 | p<0.0001 | p<0.0001 | p<0.001 | p=0.052 | p<0.05 |

[a] Adjusted for age, education, sex, study site, race/ethnicity, occupation status, alcohol use and estimated glomerular filtration rate, race stratified analysis were not adjusted for race.

[b] Chinese Americans excluded from analysis due to sample size.

[c] P for trend calculated using the Log-rank test.