SUPPLEMENTARY DATA

Supplementary Table 1. Relative hazards (95% CI) for the association between hemoglobin A1c cut points among individuals with and without diabetes (reference: no diabetes and an HbA1c between 5.0-5.6% for all comparisons) and all-cause and cause-specific mortality among 7,333 adults 65 years of age and older, NHANES III (1988-1994) and NHANES Continuous (1999-2004) through December 2011

	No Diabetes			*Undiagnosed Diabetes*	*Diagnosed Diabetes*				
	<5.0% **n=381**	**5.0-5.6%** **n=3,252**	**5.7-6.4%** **n=2,080**	**≥ 6.5%** **n=341**	**<6.5%** **n=447**	**6.5-7.0%** **n=193**	**7.0-7.9%** **n=272**	**8.0-8.9%** **n=166**	**≥ 9.0%** **n=201**
All-cause mortality	0.9 (0.7, 1.2)	1.0** (reference)	1.1* (1.0, 1.3)	1.3 (1.0, 1.7)	1.3* (1.0, 1.6)	1.6* (1.1, 2.5)	1.6* (1.2, 2.3)	2.2* (1.3, 3.7)	2.6* (2.0, 3.4)
Mortality/ 1,000 PY	75.4 (59.2, 64.6)	61.8 (59.2, 64.6)	67.7 (64.1, 71.4)	70.8 (62.3, 80.5)	77.5 (69.1, 86.9)	89.6 (75.3, 106.5)	83.8 (72.5, 96.8)	97.1 (81.8, 115.2)	104.4 (89.4, 121.9)
CVD mortality	0.9 (0.5, 1.6)	1.0** (reference)	1.1 (0.9, 1.4)	1.4 (0.8, 2.6)	1.1 (0.6, 2.0)	1.5 (0.7, 3.2)	1.9 (1.0, 3.7)	2.2 (0.9, 5.0)	3.2* (1.8, 5.7)
Mortality/ 1,000 PY	18.3 (14.4, 23.1)	15.9 (14.6, 17.3)	18.2 (16.5, 20.2)	20.7 (16.3, 26.2)	20.0 (16.0, 25.1)	35.0 (26.5, 46.2)	21.7 (16.4, 28.8)	25.9 (18.6, 36.1)	31.5 (23.7, 41.8)
Cancer mortality	0.8 (0.5, 1.3)	1.0 (reference)	1.1 (0.8, 1.5)	0.9 (0.5, 1.6)	0.6 (0.2, 1.3)	0.9 (0.3, 2.6)	0.9 (0.5, 1.8)	2.7* (1.3, 5.6)	1.5 (0.6, 3.4)
Mortality/ 1,000 PY	14.3 (10.9, 18.7)	11.8 (10.7, 13.0)	13.3 (11.8, 15.0)	12.8 (9.4, 17.3)	11.1 (8.2 15.0)	5.6 (2.8, 11.2)	10.4 (6.9, 15.7)	15.6 (10.1, 23.9)	13.1 (8.5, 20.4)
Non-cvd/non-cancer mortality	1.0 (0.8, 1.3)	1.0** (reference)	1.2 (1.0, 1.4)	1.5 (1.0, 2.2)	1.7* (1.3, 2.3)	2.1* (1.2, 3.5)	1.8* (1.2, 2.9)	1.8 (0.8, 4.3)	2.9* (2.0, 4.4)
Mortality/ 1,000 PY	42.9 (36.7, 50.0)	34.2 (32.2, 36.3)	36.1 (33.5, 38.8)	37.4 (31.3, 44.6)	46.4 (40.0, 53.8)	49.0 (38.8, 61.9)	51.6 (43.0, 62.0)	55.6 (44.3, 69.7)	59.7 (48.6, 73.4)

*p<0.05

**p for trend <0.001

Data are weighted estimates

Models are adjusted for age, sex, education, race, current smoking status, body mass index, HDL cholesterol and hypertension