

	Total	HbA _{1c} level				p-value for trend
		< 5.0%	5.0 – 5.4%	5.5 – 5.9%	6.0 – 6.4%	
Clinically diagnosed diabetes						
Number (% of total participants)	5,735	1,849 (32%)	2,119 (37%)	1,397 (24%)	370 (6%)	
Incident cases (% of total cases)	22	3 (14%)	2 (9%)	9 (41%)	8 (36%)	
3-yr cumulative incidence (%)	0.4 (0.2 – 0.5)	0.2 (0.1 – 0.5)	0.1 (0.0 – 0.4)	0.6 (0.3 – 1.2)	2.2 (1.1 – 4.3)	
Unadjusted OR		1.0	0.6 (0.1 – 3.5)	4.0 (1.1 – 14.8)	13.6 (3.6 – 51.5)	<0.001
Age-adjusted OR		1.0	0.6 (0.1 – 3.7)	4.4 (1.2 – 17.0)	15.7 (3.9 – 63.3)	<0.001
Age- and sex-adjusted OR		1.0	0.6 (0.1 – 3.6)	4.3 (1.1 – 16.4)	15.2 (3.8 – 60.8)	<0.001
Multivariable-adjusted OR*		1.0	0.6 (0.1 – 3.7)	4.5 (1.1 – 18.0)	17.7 (4.0 – 78.9)	<0.001
Clinically and/or biochemically diagnosed diabetes						
Number (% of total participants)	5,735	1,849 (32%)	2,119 (37%)	1,397 (24%)	370 (6%)	
Incident cases (% of total cases)	59	5 (8%)	13 (22%)	16 (27%)	25 (42%)	
3-yr cumulative incidence (%)	1.0 (0.8 – 1.3)	0.3 (0.1 – 0.6)	0.6 (0.4 – 1.1)	1.1 (0.7 – 1.8)	6.8 (4.6 – 9.8)	
Unadjusted OR		1.0	2.3 (0.8 – 6.4)	4.3 (1.6 – 11.7)	26.7 (10.2 – 70.3)	< 0.001
Age-adjusted OR		1.0	2.4 (0.8 – 6.7)	4.6 (1.6 – 12.7)	29.3 (10.8 – 79.5)	< 0.001
Age- and sex-adjusted OR		1.0	2.3 (0.8 – 6.6)	4.5 (1.6 – 12.5)	28.8 (10.6 – 78.2)	< 0.001
Multivariable-adjusted OR*		1.0	2.3 (0.8 – 6.6)	4.4 (1.6 – 12.4)	27.2 (9.8 – 75.9)	< 0.001

Online Appendix Table 1. Incidence and relative risk (odds ratio) of diabetes (restricted definition) over 3 years by baseline HbA_{1c} categories in the EPIC-Norfolk cohort (n=5,735), restricted definition of diabetes: participants were not classified as having incident diabetes unless a self-reported diagnosis was supported by information on diabetes specific medication or confirmed by information from clinical records, death certificates or HbA_{1c}. * adjusted for age, sex, social class, self-reported family history of diabetes, smoking, use of corticosteroids and anti-hypertensive drugs, body mass index, waist circumference, systolic blood pressure, cholesterol, HDL-cholesterol and triglyceride