

Appendix B. Trends in prevalence of hypertension and dyslipidemia among U.S. adults aged ≥ 18 years by different prediabetes definitions, NHANES 1988 to 2014

	1988-1994	1999-2004	2005-2010	2011-2014	Δ from 88-94 to 11-14	<i>P</i> for trend
Hypertension						
FPG 100-125mg/dl or A1c 5.7-6.4%	26.9 (24.9-29.0)	35.5 (33.1-38.1)	35.2 (32.9-37.6)	36.6 (32.8-40.5)	9.7 (5.4, 14.0)	<0.001
FPG 110-125mg/dl or A1c 5.7-6.4%	26.9 (24.6-29.3)	35.9 (32.9-39.0)	35.3 (32.4-38.4)	36.8 (32.9-40.9)	9.9 (5.4, 14.4)	<0.001
FPG 110-125mg/dl or A1c 6.0-6.4%	31.0 (27.1-35.3)	35.5 (31.9-39.2)	39.6 (35.8-43.6)	40.8 (34.7-47.1)	9.7 (2.4, 17.0)	0.005
FPG 100-125mg/dl and A1c 5.7-6.4%	27.0 (23.8-30.3)	38.6 (34.4-43.0)	38.7 (34.1-43.4)	36.5 (31.1-42.3)	9.6 (3.1, 16.1)	0.007
Dyslipidemia						
FPG 100-125mg/dl or A1c 5.7-6.4%	53.1 (48.7-57.4)	50.5 (47.5-53.4)	46.1 (43.8-48.4)	51.2 (47.0-55.3)	-1.9 (-7.8, 4.0)	0.281
FPG 110-125mg/dl or A1c 5.7-6.4%	54.7 (49.0-60.2)	52.7 (48.5-56.9)	49.5 (46.5-52.5)	51.6 (47.2-56.1)	-3.0 (-10.1, 4.1)	0.273
FPG 110-125mg/dl or A1c 6.0-6.4%	54.4 (47.8-60.8)	51.7 (47.0-56.3)	50.1 (46.3-53.9)	52.6 (46.6-58.6)	-1.7 (-10.5, 7.1)	0.633
FPG 100-125mg/dl and A1c 5.7-6.4%	58.0 (50.4-65.2)	52.6 (46.5-58.6)	52.2 (48.1-56.2)	52.2 (46.2-58.1)	-5.8 (-15.2, 3.6)	0.237

Abbreviations: NHANES, National Health and Nutrition Examinations Surveys; FPG, fasting plasma glucose; A1c, glycated hemoglobin

All analyses were adjusted for age, sex, race/ethnicity

All estimates include 95% confidence intervals in parentheses

P for trend: Calculated for each glycemic status group by including a continuous variable for the midpoint of each survey period in logistic regression models; significant values indicated variation over time *within* glycemic groups

Prediabetes was defined as no-self reported diabetes and FPG and/or A1c thresholds as described in table.