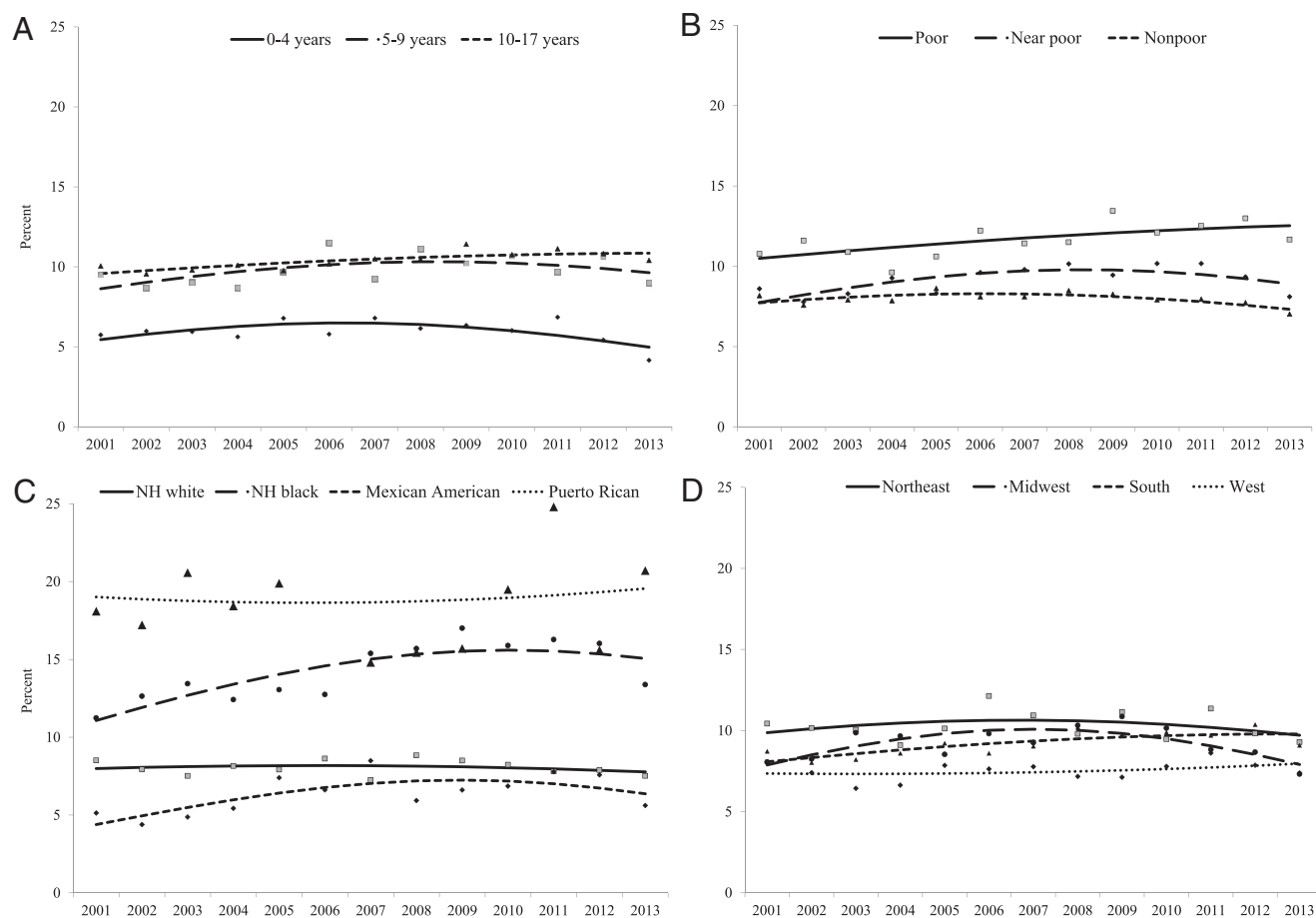# Supplemental Information

SUPPLEMENTAL FIGURE 4
Unadjusted predicted margins of current asthma prevalence among 0- to 17-year-olds by age group (A), poverty status (B), race/ethnicity (C), and geographic region (D): 2001–2013. Symbols represent annual current asthma prevalence estimates. Lines represent predicted margins of current asthma prevalence from unadjusted models. Source: CDC/NCHS, NHIS. NH, non-Hispanic.

SUPPLEMENTAL TABLE 1 Trends for Current Asthma Prevalence Among Children 0 to 17 Years of Age: United States, 2001–2013

	Shape of Trend
Age group	
0–4 years	Quadratic (F = 9.29)**
5–9 years	Quadratic (F = 3.93)*
10–17 years	Linear (F = 10.53)**
Poverty status	
Poor	Linear (F = 5.60)*
Near poor	Quadratic (F = 7.36)**
Nonpoor	Quadratic (F = 11.50)***
Race/ethnicity	
NH white	No significant trend
NH black	Quadratic (F = 8.15)**
Puerto Rican	No significant trend
Mexican American	Quadratic (F = 18.57)***
Geographic region	
Northeast	No significant trend
Midwest	Quadratic (F = 15.16)***
South	Linear (F = 6.77)**
West	No significant trend

Values were adjusted for age group, poverty status, race/ethnicity, geographic region, gender, family structure, and urbanicity and 4 interaction terms between time and (1) age, (2) poverty status, (3) race/ethnicity, and (4) geographic region. Significance or trend tested with orthgonal polynomial contrasts. *$P < .05$, **$P < .01$, ***$P < .001$. NH, non-Hispanic.

SUPPLEMENTAL TABLE 2 Annual Linear Slopes for Modeled Trends in Current Asthma Prevalence

	Percentage Point Change per Year												
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Age group													
0–4 years	0.31*	0.28*	0.22*	0.16	0.09	0.01	−0.07	−0.15*	−0.22*	−0.28*	−0.33*	−0.36*	−0.38*
5–9 years	0.40*	0.37*	0.34*	0.29*	0.23*	0.16*	0.09	0.01	−0.06	−0.13	−0.19	−0.24	−0.28
10–17 years	0.17	0.18	0.18	0.18*	0.16*	0.14*	0.12*	0.10*	0.08	0.06	0.05	0.04	0.04
Race/ethnicity													
NH white	0.01	0.02	0.02	0.01	0.01	0.00	−0.01	−0.02	−0.02	−0.02	−0.01	0.00	0.03
NH black	0.81*	0.77*	0.71*	0.62*	0.52*	0.40*	0.26*	0.13	0.00	−0.13	−0.24	−0.34	−0.42
NH other	0.42	0.38	0.32	0.24	0.16	0.07	−0.02	−0.11	−0.19	−0.27	−0.33	−0.37	−0.40
Puerto Rican	−0.02	0.01	0.03	0.04	0.05	0.05	0.06	0.06	0.08	0.09	0.12	0.16	0.21
Mexican	0.68*	0.67*	0.64*	0.56*	0.45*	0.31*	0.15*	−0.01	−0.17	−0.32*	−0.44*	−0.53*	−0.59*
Other Hispanic	0.02	0.03	0.03	0.03	0.03	0.03	0.02	0.01	0.02	0.02	0.03	0.05	0.08
Poverty status													
Poor	−0.01	0.04	0.08	0.11	0.13	0.15	0.17*	0.19*	0.22*	0.25	0.29	0.33	0.40
Near poor	0.44*	0.42*	0.38*	0.33*	0.26*	0.19*	0.11	0.02	−0.06	−0.13	−0.20	−0.25	−0.30
Nonpoor	0.29*	0.26*	0.22*	0.18*	0.12*	0.06	−0.01	−0.08	−0.14*	−0.19*	−0.24*	−0.28*	−0.30*
Region													
Northeast	0.32	0.29	0.25	0.20	0.14	0.07	0.00	−0.07	−0.14	−0.20	−0.25	−0.30	−0.33
Midwest	0.70*	0.64*	0.56*	0.45*	0.32*	0.17*	0.01	−0.15	−0.30*	−0.43*	−0.55*	−0.63*	−0.69*
South	0.20	0.20	0.20*	0.18*	0.17*	0.15*	0.12*	0.10*	0.07	0.05	0.03	0.02	0.01
West	−0.14	−0.10	−0.06	−0.02	0.01	0.03	0.05	0.08	0.10	0.13	0.16	0.20	0.25