

Asthma prevalence trends by weight status among US children aged 2-19 years, 1988-2014

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Table S1:

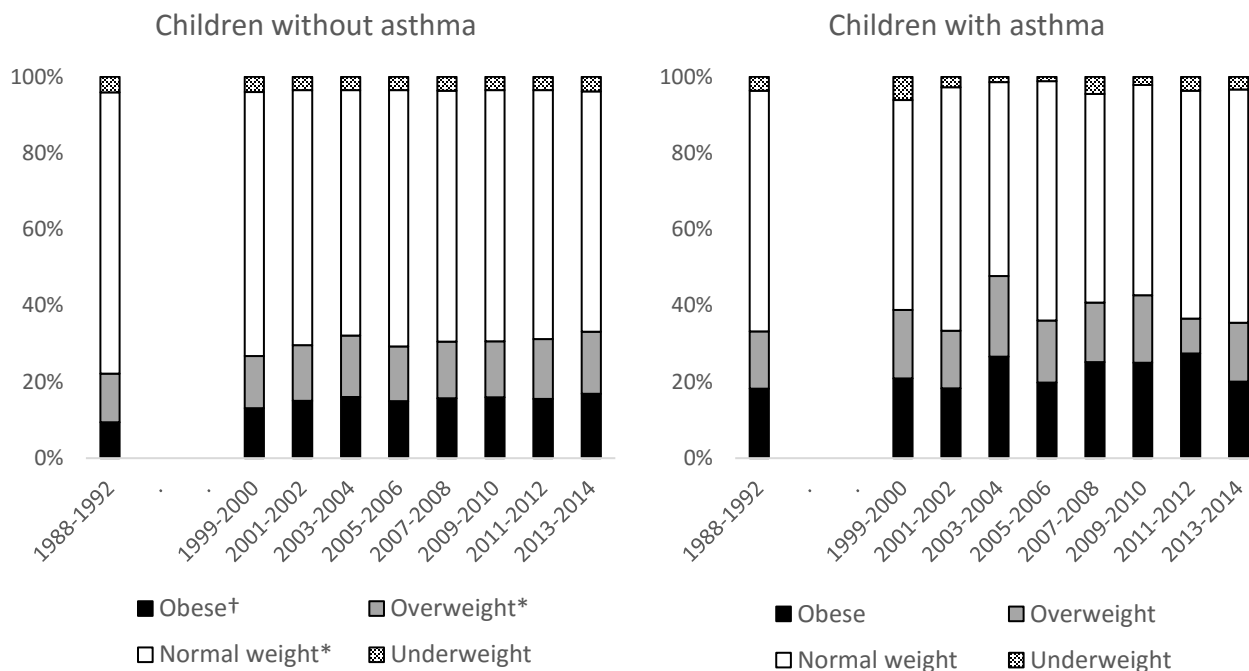
Sample size, asthma and obesity prevalence and sample characteristics, children 2-19 years of age¹, National Health and Nutrition Examination Survey 1988-2014

	1988-1994	1999-2000	2001-2002	2003-2004	2005-2006	2007-2008	2009-2010	2011-2012	2013-2014
Sample size ² (total n=40644)									
Total	10742	4027	4243	3941	4193	3241	3392	3348	3517
Normal weight	7665	2531	2735	2460	2641	2026	2120	2150	2163
Overweight	1393	617	643	645	628	511	528	480	594
Obese	1254	735	722	715	798	598	632	592	629
Prevalence % (SE)									
Asthma	7.1 (0.5)	9.8 (1.2)	9.0 (0.6)	8.9 (0.7)	10.4 (0.5)	10.4 (0.7)	9.4 (0.6)	11.4 (0.8)	10.3 (0.7)
Obesity	10.0 (0.6)	13.9 (0.9)	15.3 (0.9)	17.0 (1.2)	15.4 (1.4)	16.7 (1.3)	16.8 (0.7)	16.9 (1.0)	17.2 (1.1)
Population characteristics % (SE)									
Sex									
Male	51.3 (0.9)	51.1 (1.3)	50.5 (0.8)	51.3 (1.0)	51.4 (0.9)	51.5 (1.2)	51.3 (1.3)	51.1 (1.3)	51.1 (1.2)
Female	48.7 (0.9)	48.9 (1.3)	49.5 (0.8)	48.7 (1.0)	48.6 (0.9)	48.5 (1.2)	48.7 (1.3)	48.9 (1.3)	48.9 (1.2)
Age group									
2-5 years	23.2 (0.8)	21.7 (0.7)	19.0 (1.1)	20.6 (0.7)	20.6 (1.0)	21.9 (1.4)	22.0 (0.7)	21.9 (1.1)	21.2 (0.9)
6-11 years	34.3 (0.9)	34.4 (1.5)	35.1 (1.2)	33.6 (1.3)	33.6 (1.5)	32.3 (1.2)	33.1 (0.9)	33.1 (1.2)	33.3 (1.1)
12-19 years	42.6 (1.2)	44.0 (1.4)	46.0 (0.9)	45.8 (1.8)	45.8 (1.5)	45.8 (1.8)	45.0 (1.1)	45.0 (1.3)	45.5 (1.5)
Race/ethnicity									
Non-Hispanic white	65.5 (1.8)	59.2 (3.2)	60.1 (2.8)	61.3 (4.2)	59.7 (3.3)	58.7 (4.1)	56.4 (3.4)	53.6 (4.8)	52.3 (4.9)
Non-Hispanic black	15.6 (1.2)	14.3 (2.5)	14.6 (2.4)	14.8 (2.3)	14.9 (2.3)	14.7 (2.3)	13.8 (1.1)	15.1 (2.9)	14.0 (2.1)
Mexican American	8.8 (0.9)	11.1 (2.2)	12.1 (1.4)	12.5 (2.7)	13.3 (1.4)	13.5 (2.5)	15.0 (2.7)	14.8 (2.9)	16.2 (2.8)
Other	10.1 (1.3)	15.4 (3.0)	13.3 (2.1)	11.4 (1.7)	12.1 (1.5)	13.2 (2.3)	14.9 (1.7)	16.5 (1.9)	17.4 (.17)

¹Excludes respondents who were pregnant or had missing information on weight status or asthma status.

²Sample sizes for underweight children were small and are not shown—this group was excluded from regression analyses. Therefore, estimates of obesity prevalence may differ slightly from other published NHANES estimates.

Figure S1: Weight status prevalence, by asthma status, children 2-19 years of age, National Health and Nutrition Examination Survey, 1988-1994 to 2013-2014



* Significant linear trend
 † Significant quadratic trend