

Supplemental Material

Cotinine-measured secondhand smoke exposure among federal housing assistance recipients without active tobacco or nicotine use in the United States: NHANES, 2007–2018

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Figure S1. Adjusted odds ratios, using weights adjusted for missing cotinine data, of secondhand smoke exposure for those without active tobacco or nicotine use receiving HUD assistance compared to those with low income not receiving HUD assistance — United States, 2007–2018. A) Children and adolescents ages 3–17 years. B) Adults ages 18 and older.

Figure S2. Adjusted odds ratios of secondhand smoke exposure for those without active tobacco or nicotine use receiving HUD assistance compared to those with low income not receiving HUD assistance, adjusted for presence of household members who smoke inside the home — United States, 2007–2018. A) Children and adolescents ages 3–17 years. B) Adults ages 18 and older.

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	Children ages 3–17 years		Adults ages 18 and older	
	Receiving HUD assistance at time of MEC examination	Low-income ^a and not receiving HUD assistance at time of MEC examination	Receiving HUD assistance at time of MEC examination	Low-income ^a and not receiving HUD assistance at time of MEC examination
All [n]	955	5,788	878	8,072
Health insurance [n (%)]				
Government program	825 (85.4%)	3898 (64.1%)	576 (62.2%)	2889 (31.7%)
Private insurance	92 (10.2%)	1113 (23.8%)	167 (21.1%)	2727 (39.3%)
None	35 (4.5%)	730 (12.1%)	129 (16.7%)	2399 (29.0%)
Household reference person marital status [n (%)]				
Married or living with partner	267 (29.0%)	3809 (68.6%)	N/A	N/A
Widowed, separated, or divorced	244 (28.9%)	1106 (20.2%)	N/A	N/A
Never married	416 (42.1%)	751 (11.2%)	N/A	N/A
Marital status of adult participant [n (%)]				
Married or living with partner	N/A	N/A	211 (23.5%)	4172 (53.7%)
Widowed, separated, or divorced	N/A	N/A	383 (44.2%)	2027 (24.3%)
Never married	N/A	N/A	233 (32.3%)	1382 (22.0%)
Household size [n (%)]				
1 person	N/A	N/A	338 (36.1%)	1122 (14.5%)
2–4 persons	493 (56.3%)	2090 (39.8%)	397 (47.2%)	4397 (57.2%)
5 or more people	462 (43.7%)	3698 (60.2%)	143 (16.7%)	2553 (28.2%)
Number of household smokers who smoke inside home [n (%)]				
None	722 (73.9%)	4921 (84.7%)	823 (94.8%)	7558 (94.0%)
≥1 smoker	229 (26.1%)	867 (15.3%)	43 (5.2%)	509 (6.0%)
Exam month [n (%)]				

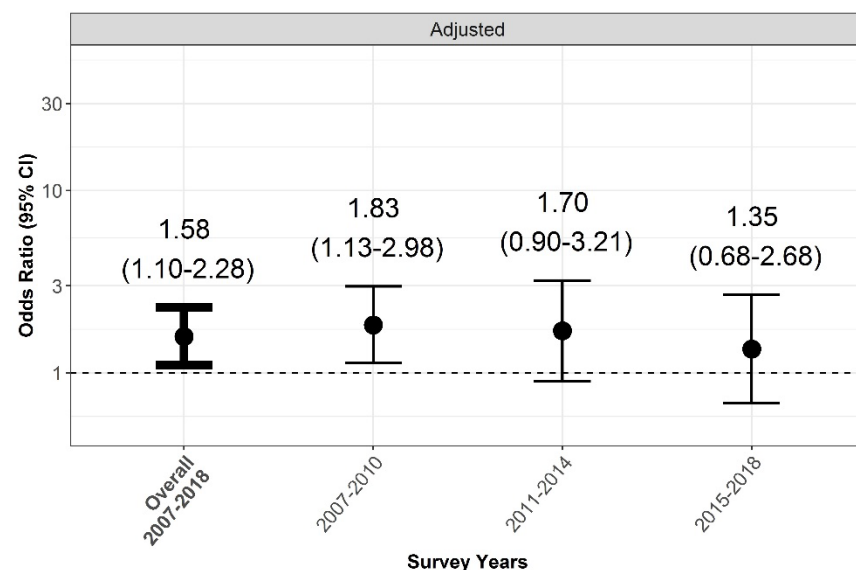
November to April		471 (50.3%)		2929 (48.3%)		420 (48.9%)		4231 (50.2%)
May to October		484 (49.7%)		2859 (51.7%)		458 (51.1%)		3841 (49.8%)
Urbanicity [n (%)]								
Urban		825 (81.1%)		4730 (77.6%)		773 (84.8%)		6595 (79.8%)
Rural		130 (18.9%)		1058 (22.4%)		105 (15.2%)		1475 (20.2%)

^a For group without HUD assistance, inclusion based on low income, defined here as income to poverty ratio (IPR) < 2.

NOTE: Sample sizes presented comprise the analytic sample for prevalence measures. Sample sizes included in logistic regression models are smaller given complete case analysis used (see Figure 1). N/A, Not applicable to participant group

SOURCE: NCHS, National Health and Nutrition Examination Survey Data Linked to HUD Housing Assistance Program Files.

A) Children and Adolescents Ages 3–17 Years^a



B) Adults Ages 18 and Older^b

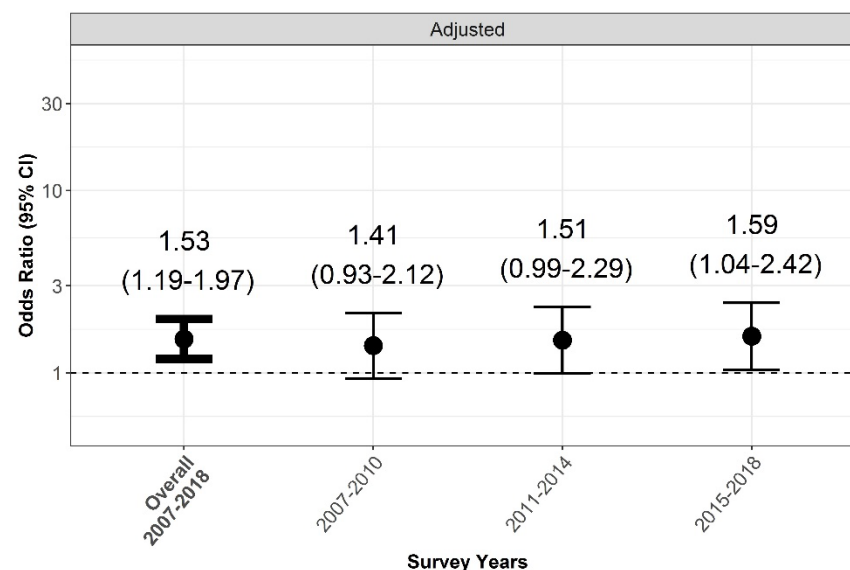


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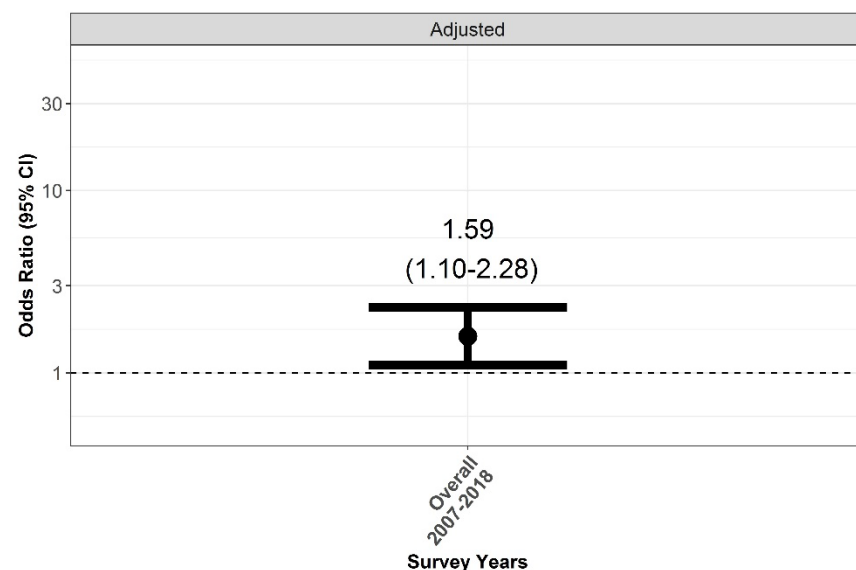
^a Adjusted for sex, age group, race and Hispanic origin, income to poverty ratio (continuous), education of household reference person, health insurance status, marital status of household reference person, household size, exam season, and urban-rural classification. For overall, model additionally adjusted for survey cycle.

^b Adjusted for sex, age group, race and Hispanic origin, income to poverty ratio (continuous), education, health insurance status, marital status, household size, exam month, urban-rural classification. For overall, model additionally adjusted for survey cycle.

NOTES: NHANES-HUD adjusted MEC examination weights further adjusted by age, sex, and race and Hispanic origin to account for missing cotinine level. For all participants, inclusion based on low income, defined here as an income to poverty ratio (IPR) < 2.

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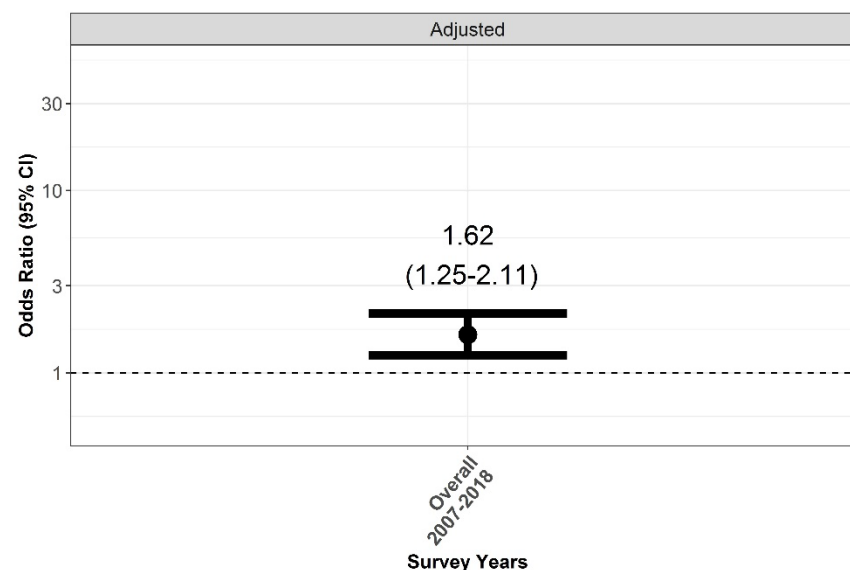


Figure S2. Adjusted odds ratios of secondhand smoke exposure for those without active tobacco or nicotine use receiving HUD assistance compared to those with low income not receiving HUD assistance, adjusted for presence of household members who smoke inside the home — United States, 2007–2018. A) Children and adolescents ages 3–17 years. B) Adults ages 18 and older.

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