Table S1a. Probability of smoking initiation (Smk=1) by age and race within low-poverty neighborhoods

Age	White						Nonwhite					
	n	Smk=1	Censored	P(Smk=1)	[95% CI]		n	Smk=1	Censored	P(Smk=1)	[95% CI]	
5	801	0	19	0.000	.	.	142	0	6	0.000	.	.
6	782	0	9	0.000	.	.	136	0	2	0.000	.	.
7	773	0	12	0.000	.	.	134	0	3	0.000	.	.
8	761	0	15	0.000	.	.						
9	746	3	9	0.004	0.001	0.010	131	0	2	0.000	.	.
10	734	2	12	0.003	0.000	0.008						
11	720	2	12	0.003	0.000	0.008	129	1	2	0.008	0.000	0.029
12	706	10	10	0.014	0.007	0.024	126	0	4	0.000	.	.
13	686	15	5	0.022	0.012	0.034	122	1	5	0.008	0.000	0.030
14	666	17	10	0.026	0.015	0.039	116	0	2	0.000	.	.
15	639	39	9	0.061	0.043	0.082	114	4	0	0.035	0.010	0.077
16	591	60	8	0.102	0.078	0.129	110	6	5	0.055	0.020	0.106
17	523	24	6	0.046	0.029	0.066	99	4	2	0.040	0.011	0.089
18	493	60	8	0.122	0.093	0.154	93	4	5	0.043	0.012	0.094
19	425	22	105	0.052	0.032	0.076	84	3	21	0.036	0.007	0.086
20	298	18	120	0.060	0.036	0.091	60	1	13	0.017	0.000	0.062
21	160	5	54	0.031	0.010	0.064	46	1	15	0.022	0.001	0.080
22	101	4	30	0.040	0.011	0.087	30	3	6	0.100	0.021	0.241
23	67	1	12	0.015	0.000	0.055	21	0	4	0.000	.	.
24	54	0	7	0.000	.	.	17	0	1	0.000	.	.
25	47	1	46	0.021	0.001	0.079	16	1	15	0.063	0.002	0.231

Table S1b. Probability of smoking initiation (Smk=1) by age and race within moderate-poverty neighborhoods

Age	White						Nonwhite					
	n	Smk=1	Censored	P(Smk=1)	[95% CI]		n	Smk=1	Censored	P(Smk=1)	[95% CI]	
5	376	0	8	0.000	.	.	233	0	11	0.000	.	.
6	368	0	9	0.000	.	.	222	0	7	0.000	.	.
7	359	0	7	0.000	.	.	215	0	5	0.000	.	.
8	352	0	9	0.000	.	.	210	0	12	0.000	.	.
9	343	1	6	0.003	0.000	0.011	198	0	6	0.000	.	.
10	336	2	9	0.006	0.001	0.017	192	0	11	0.000	.	.
11	325	1	4	0.003	0.000	0.011	181	1	5	0.006	0.000	0.020
12	320	8	5	0.025	0.011	0.045	175	3	5	0.017	0.004	0.041
13	307	12	6	0.039	0.020	0.064	167	4	7	0.024	0.007	0.053
14	289	10	4	0.035	0.017	0.059	156	3	2	0.019	0.004	0.046
15	275	15	4	0.055	0.031	0.085	151	7	3	0.046	0.019	0.087
16	256	25	4	0.098	0.063	0.140	141	10	3	0.071	0.034	0.121
17	227	17	6	0.075	0.044	0.115	128	9	6	0.070	0.032	0.123
18	204	30	5	0.147	0.099	0.204	113	10	1	0.088	0.042	0.151
19	169	15	35	0.089	0.050	0.139	102	4	17	0.039	0.011	0.086
20	119	5	31	0.042	0.014	0.086	81	3	13	0.037	0.008	0.089
21	83	2	17	0.024	0.003	0.067	65	4	9	0.062	0.017	0.135
22	64	1	17	0.016	0.000	0.058	52	1	4	0.019	0.001	0.071
23	46	0	2	0.000	.	.	47	3	6	0.064	0.013	0.154
24	44	0	3	0.000	.	.	38	1	2	0.026	0.001	0.097
25	41	1	40	0.024	0.001	0.090	35	2	33	0.057	0.007	0.159

Table S1c. Probability of smoking initiation (Smk=1) by age and race within high-poverty neighborhoods

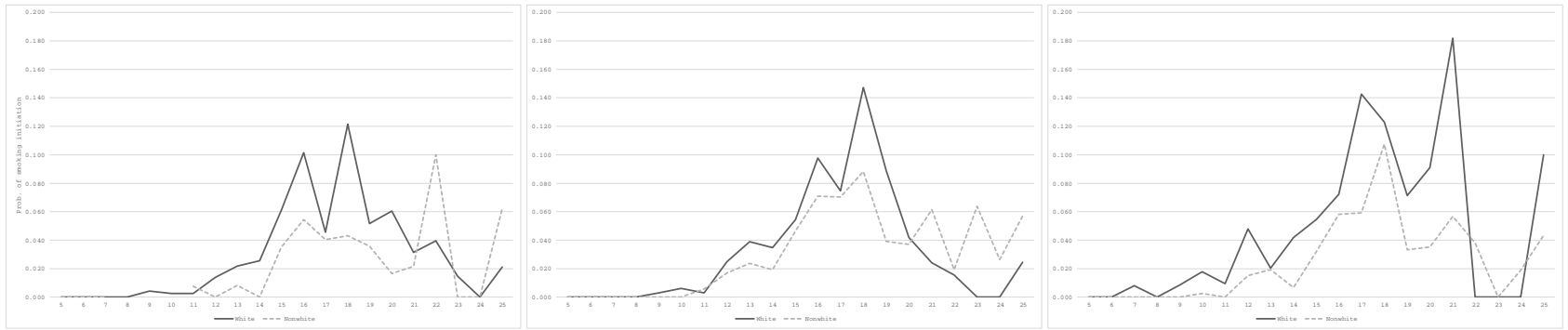| Age	White						Nonwhite					
	n	Smk=1	Censored	P(Smk=1)	[95% CI]		n	Smk=1	Censored	P(Smk=1)	[95% CI]	
5	136	0	3	0.000	.	.	433	0	19	0.000	.	.
6	133	0	5	0.000	.	.	414	0	15	0.000	.	.
7	128	1	6	0.008	0.000	0.029	399	0	14	0.000	.	.
8	121	0	5	0.000	.	.	385	0	11	0.000	.	.
9	116	1	3	0.009	0.000	0.032	374	0	16	0.000	.	.
10	112	2	3	0.018	0.002	0.050	358	1	14	0.003	0.000	0.010
11	107	1	2	0.009	0.000	0.035	343	0	14	0.000	.	.
12	104	5	1	0.048	0.016	0.099	329	5	13	0.015	0.005	0.031
13	98	2	1	0.020	0.003	0.057	311	6	13	0.019	0.007	0.038
14	95	4	0	0.042	0.012	0.092	292	2	11	0.007	0.001	0.019
15	91	5	3	0.055	0.018	0.113	279	9	12	0.032	0.015	0.057
16	83	6	0	0.072	0.027	0.141	258	15	7	0.058	0.033	0.091
17	77	11	1	0.143	0.071	0.239	236	14	8	0.059	0.032	0.094
18	65	8	1	0.123	0.053	0.222	214	23	10	0.107	0.068	0.156
19	56	4	19	0.071	0.020	0.157	181	6	33	0.033	0.012	0.065
20	33	3	8	0.091	0.019	0.219	142	5	31	0.035	0.011	0.072
21	22	4	3	0.182	0.050	0.399	106	6	21	0.057	0.021	0.110
22	15	0	2	0.000	.	.	79	3	11	0.038	0.008	0.092
23	13	0	1	0.000	.	.	65	0	12	0.000	.	.
24	12	0	2	0.000	.	.	53	1	6	0.019	0.001	0.070
25	10	1	9	0.100	0.003	0.369	46	2	44	0.043	0.005	0.121

Figure S1. Probability of smoking initiation by age and race within low-, moderate-, and high-poverty neighborhoods, respectively

Appendix B

Table S1. IPT-weighted discrete-time logit models for the effects of neighborhood poverty on the risk of smoking initiation by age 25, including controls for neighborhood racial composition

	Nonwhite			White		
	OR	95% CI		OR	95% CI	
NH poverty, cumulative proportion (low)						
Moderate	1.35	0.56-3.25		1.24	0.80-1.91	
High	2.07	0.85-5.04		2.15	1.17-3.95	**
Age	5.55	3.45-8.94	***	7.37	5.08-10.68	***
Age squared	0.96	0.94-0.97	***	0.95	0.930.96	***
Proportion NH nonwhite	0.53	0.25-1.11	*	0.63	0.32-1.22	
Gender (male)						
Female	0.79	0.57-1.10		0.86	0.71-1.06	
Birthweight (88 ounces or more)						
Less than 88 ounces	0.80	0.39-1.67		0.69	0.41-1.16	
Mother's marital status at birth (married)						
Unmarried	1.02	0.65-1.60		0.92	0.53-1.60	
Mother's age at birth	1.00	0.96-1.04		0.98	0.96-1.01	
HH's education at age 4 (less than HS)						
High school graduate	0.91	0.59-1.41		0.59	0.43-0.80	***
At least some college	1.02	0.58-1.79		0.41	0.30-0.57	***
NH poverty at age 4 (low)						
Moderate	0.81	0.37-1.77		0.92	0.66-1.28	
High	0.97	0.44-2.14		0.78	0.54-1.13	
HH's marital status at age 4 (married)						
Unmarried	1.26	0.80-1.97		1.13	0.66-1.93	
HH's employment status at age 4 (employed)						
Unemployed	0.94	0.56-1.58		0.67	0.39-1.14	
Homeownership at age 4 (owns home)						
Does not own home	1.43	0.95-2.15	*	1.12	0.88-1.42	
Family size at age 4	0.95	0.87-1.04		0.99	0.88-1.10	
Public assistance receipt at age 4 (none)						
Received public assistance	2.16	1.39-3.37	***	1.18	0.53-2.61	
Household income at age 4	1.11	0.81-1.53		1.01	0.87-1.18	
HH's work hours per week at age 4	1.01	1.00-1.02		0.99	0.98-1.00	*
Year born (1966-1969)						
1970-1974	0.69	0.38-1.28		0.97	0.71-1.34	
1975-1979	0.98	0.54-1.78		1.40	1.01-1.94	**
1980-1984	1.40	0.80-2.45		1.22	0.87-1.70	
1985-1989	1.13	0.54-2.33		0.72	0.46-1.12	
1990-1993	0.48	0.05-4.51		0.40	0.06-2.66	

Odds ratios (OR) and 95% confidence intervals (CI) are combined estimates from five multiple imputation datasets

NH=Neighborhood; HH=Household head

*p<0.10; **p<0.05; ***p<0.01