

Table 1: Descriptive Statistics, National Longitudinal Survey of Adolescent Health^a

Variable	Mean	Standard Error	Min.	Max .
<i>Criterion variables</i>				
Have you ever tried cigarette smoking, even just one or two puffs? (1=yes)				
Wave 1	.53	.01	0	1
Smoking Initiation (Waves 1 to 2)	.17	.01	0	1
<i>Predictor variables</i>				
Age	14	.08	12	16
White (1=yes)	.69	.03	0	1
Parents: Do you smoke? (1=yes)	.33	.02	0	1
Taught about dangers of smoking in school? (1=yes)	.93	.01	0	1
Pubertal Development Indices:				
Wave I	11	.02	4	19
Wave II	12	.01	4	19
How many close friends smoke?				
Wave I	.72	.03	0	3
Wave II	.91	.03	0	3

^a Descriptive statistics come from the first two waves of the study, 1995-1996. N = 3,958.

Table 2: Logistic Regression Estimates of Lifetime Smoking Prevalence, Wave I^{a,b}

Intercept	-3.794***
Age	.158***
White	.144
Parent smoking	.125
Number of friends who smoke	.712***
Pubertal development index	.088***
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N	3958
-2 LOGL	-2429.29
Model Chi Square	245.54
Pseudo R ²	.11

* p < .05; ** p < .01; *** p < .001

a. Data: National Longitudinal Survey of Adolescent Health, 1995.

b. Estimates shown are logistic regression metric coefficients. Odds ratios are not shown.

Table 3: Ordered Logistic Regression Estimates of Wave I Peer Smoking ^{a,b}

Age	.353***
White	.138
Parent smoking	.578***
Pubertal development index	.039**
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N	3958
-2 LOGL	-4186.00
Model Chi Square	145.98
Pseudo R ²	.03

* p < .05; ** p < .01; *** p < .001

a. Data: National Longitudinal Survey of Adolescent Health, 1995.

b. Estimates shown are logistic regression metric coefficients. Odds ratios are not shown.

Table 4: Ordered Logistic Regression Estimates of Wave II Peer Smoking^{a,b}

	<i>Model 1</i>	<i>Model 2</i>	<i>Model 3</i>
Age	.300***	.685***	.621***
White	.248*	.272**	.234*
Parent smoking	.735***	.732***	.514***
Pubertal development scale, Wave 1	.036*	.649***	.732***
Age*Pubertal development	-----	-.042***	-.049***
Wave I Peer Smoking	-----	-----	.969***
N	3958	3958	3958
-2 LOGL	-4642.281	-4631.1148	-4174.2626
Model Chi Square	117.15	127.41	429.31
Pseudo R ²	.026	.030	.125

* p < .05; ** p < .01; *** p < .001

a. Data: National Longitudinal Survey of Adolescent Health, 1995-1996.

b. Estimates shown are ordered logistic regression metric coefficients. Odds ratios are not shown.

Table 5: Logistic Regression Estimates of Smoking Initiation on Pubertal Development, Deviant Peers, and Age: Waves I-II (1995-1996)^{a,b}

	<i>Model 1</i>	<i>Model 2</i>	<i>Model 3</i>	<i>Model 4</i>
Intercept	-.634	-.919	-.931	-1.00
Age	-.083	-.097	-.093	-.129
White	.055	.109	.111	.038
Parent smoking	.215	-.012	-.013	.015
Number of friends who smoke (Wave I)	.409***	-----	-----	-----
Number of friends who smoke (Wave II)	-----	.859***	.859***	.863***
Physical development scale (Wave I)	-----	-----	-.004	-----
Physical development scale (Wave II)	-----	-----	-----	.059**
N	1853	1853	1853	1853
-2 LOGL	-869.30289	-786.39155	-786.37572	-782.81475
Model Chi Square	16.10	82.86	83.07	87.58
Pseudo R ²	.02	.11	.11	.12

* p < .05; ** p < .01; *** p < .001

a. Data: National Longitudinal Survey of Adolescent Health.

b. Estimates shown are logistic regression metric coefficients. Odds ratios are not shown.