

Table 2  
Multiple Regression Analysis of the Four PEI Factors Predicting DUF by Group

	$R^2$	Change in $R^2$
<i>Younger White Boys (n = 443)</i>		
Delinquency	.47	
Psychological Distress	.48	.01
Nonconventional Values	.49	.01
Family Distress	.49	.00
<i>Older White Boys (n= 991)</i>		
Delinquency	.55	
Psychological Distress	.56	.01
Nonconventional Values	.57	.01
Family Distress	.57	.00
<i>Younger White Girls (n = 367)</i>		
Delinquency	.48	
Psychological Distress	.52	.03
Nonconventional Values	.53	.01
Family Distress	.53	.00
<i>Older White Girls (n = 447)</i>		
Delinquency	.44	
Psychological Distress	.46	.02
Nonconventional Values	.47	.01
Family Distress	.47	.00
<i>African American (n = 103)</i>		
Delinquency	.50	
Psychological Distress	.50	.00
Nonconventional Values	.50	.00
Family Distress	.50	.00
<i>Hispanic (n = 447)</i>		
Delinquency	.49	
Family Distress	.52	.03
Psychological Distress	.54	.02
Nonconventional Values	.54	.00
<i>Native American (n = 78)</i>		
Delinquency	.51	
Family Distress	.53	.02
Psychological Distress	.53	.00
Nonconventional Values	.53	.00

Note. Dependent measure is prior year aggregate drug use frequency (DUF); predictor variables are based on lifetime experiences.

Table 3  
 PEI Variables Predicting DUF that Remained After Backward Deletion

	<i>Beta</i>	<i>R</i> <sup>2</sup>
<i>Younger White Boys (n = 443)</i>		.57
Peer Chemical Environment	.40	
Deviant Behavior	.30	
Psychological Disturbance	.24	
Parent Dysfunction	.11	
<i>Older White Boys (n= 991)</i>		.63
Peer Chemical Environment	.43	
Deviant Behavior	.26	
Psychological Disturbance	.15	
Negative Self-Image	.09	
Uncontrolled	.08	
<i>Younger White Girls (n = 367)</i>		.57
Deviant Behavior	.36	
Peer Chemical Environment	.35	
Psychological Disturbance	.24	
Negative Self-Image	.09	
<i>Older White Girls (n = 447)</i>		.55
Peer Chemical Environment	.39	
Deviant Behavior	.30	
Psychological Disturbance	.19	
Negative Self-Image	.17	
Rejecting Convention	.08	
<i>African American (n = 103)</i>		.59
Peer Chemical Environment	.51	
Uncontrolled	.29	
Sibling Chemical Use	.17	
Absence of Goals	.12	
<i>Hispanic (n = 447)</i>		.65
Peer Chemical Environment	.39	
Deviant Behavior	.23	
Uncontrolled	.21	
Psychological Disturbance	.21	
<i>Native American (n = 78)</i>		.58
Deviant Behavior	.31	
Peer Chemical Environment	.30	
Psychological Disturbance	.19	
Uncontrolled	.17	
Parent Chemical Use	.16	

Note. Dependent measure is prior year aggregate drug use frequency (DUF); predictor variables are based on lifetime experiences.