

Appendix
Violence Victimization, Substance Use Disparities, and Gender-Nonconforming Youth
Lowry et al.

Appendix Table 1. Questionnaire Items, Study Variables, Analytic Coding, and Distribution of Gender Nonconformity Among High School Students

Variable assessed	Questionnaire item	Analytic coding
Gender expression	A person's appearance, style, dress, or the way they walk or talk may affect how people describe them. How do you think other people at school would describe you? Response options: Very feminine; Mostly feminine; Somewhat feminine; Equally feminine and masculine; Somewhat masculine; Mostly masculine; Very masculine	Gender nonconformity (Scale: 1–7) ^a
Sexual identity	Which of the following best describes you? Response options: Heterosexual (straight); Gay or lesbian; Bisexual; Not sure	
Sex	What is your sex? Response options: Female; Male	Female vs Male
Violence victimization		
Felt unsafe at school	During the past 30 days, on how many days did you not go to school because you felt you would be unsafe at school or on your way to or from school?	≥1 vs 0 days
Threatened/injured with a weapon at school	During the past 12 months, how many times has someone threatened or injured you with a weapon such as a gun, knife, or club on school property?	≥1 vs 0 times
Bullied at school	During the past 12 months, have you ever been bullied on school property?	Yes vs No
Electronically bullied	During the past 12 months, have you ever been electronically bullied? (Count being bullied through texting, Instagram, Facebook, or other social media.)	Yes vs No
Forced sexual intercourse	Have you ever been physically forced to have sexual intercourse when you did not want to?	Yes vs No
Number of categories of victimization	The above 5 categories of violence victimization were used to create a 3-level variable identifying the number of categories of victimization experienced.	≥3; 1–2; 0
Multiple victimization	This variable identifies the highest-risk group of youth who experienced 3 or more categories of victimization.	≥3 vs <3
Substance use		
Cigarette use	During the past 30 days, on how many days did you smoke cigarettes?	≥1 vs 0 days
Alcohol use	During the past 30 days, on how many days did you have at least one drink of alcohol?	≥1 vs 0 days

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Marijuana use	During the past 30 days, how many times did you use marijuana?	≥1 vs 0 times
Prescription drug misuse	During your life, how many times have you taken a prescription drug (such as OxyContin, Percocet, Vicodin, codeine, Adderall, Ritalin, or Xanax) without a doctor's prescription?	≥1 vs 0 times
Cocaine use	During your life, how many times have you used any form of cocaine, including powder, crack, or freebase?	≥1 vs 0 times
Methamphetamine use	During your life, how many times have you used methamphetamines (also called speed, crystal, crank, or ice)?	≥1 vs 0 times
Heroin use	During your life, how many times have you used heroin (also called smack, junk, or China White)?	≥1 vs 0 times
Injected drug use	During your life, how many times have you used a needle to inject any illegal drug into your body?	≥1 vs 0 times

^aGender Nonconformity Scale: 1=Most conforming 7=Most nonconforming

Score	1	2	3	4	5	6	7
Male students, Weighted % (unweighted n)	30.6 (889)	33.2 (962)	13.0 (380)	10.2 (307)	4.6 (138)	3.1 (95)	5.3 (172)
Female students, Weighted % (unweighted n)	30.6 (874)	35.3 (985)	16.6 (470)	13.5 (375)	2.2 (62)	0.9 (29)	0.8 (22)

^aGender nonconformity scale: 1=Male students who describe themselves as very masculine, and female students who describe themselves as very feminine; 2=Male students who describe themselves as mostly masculine, and female students who describe themselves as mostly feminine; 3=Male students who describe themselves as somewhat masculine, and female students who describe themselves as somewhat feminine; 4=Male students and female students who describe themselves as equally feminine and masculine; 5=Male students who describe themselves as somewhat feminine, and female students who describe themselves as somewhat masculine; 6=Male students who describe themselves as mostly feminine, and female students who describe themselves as mostly masculine; and 7=Male students who describe themselves as very feminine, and female students who describe themselves as very masculine.