

Factors Associated with HIV Testing among Spanish and English- Speaking Latino Youth



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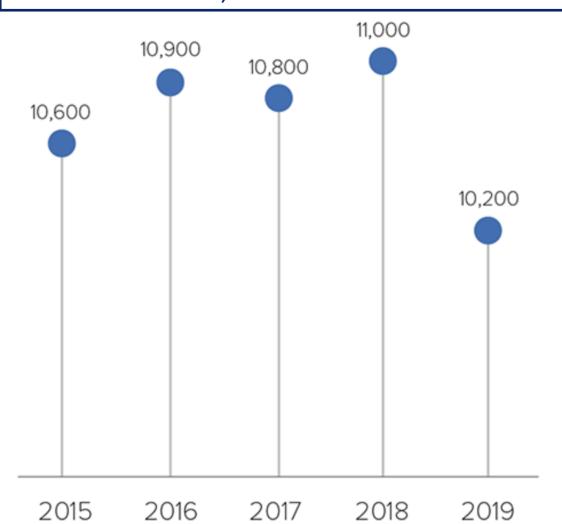
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Background

Estimated HIV Infections Among Latino People in the U.S, 2015-2019 [1]







SMART Program

SMART Sex Education **SMART** Sessions

SMART Squad

<u>Universal</u> Brief Sexual Health Education for AMSM

- Sexual orientation and gender identity
- Sexual activity, pleasure, and consent
- Safer sex (HIV/STI information, substance use, prevention strategies)
- Healthy relationships

Selective Risk Reduction Intervention for AMSM

- Intrinsic and extrinsic pressures around sex and substance use
- Social and emotional consequences of HIV
- Communication skills
- Overcoming barriers to testing, condom use, and PrEP

Indicated motivational interviewing (MI) protocol delivered by MI- trained counselors via video conferencing

- Condom use
- HIV testing
- Pre-exposure prophylaxis



Current Study:

- Using data from our stepped-care online HIV prevention intervention for youth ^[2], we explore factors associated with HIV testing behavior and risk among Latinx youth.
- To our knowledge, this is the first study to assess individuallevel demographic and behavioral predictors of HIV risk and testing among Latinx youth aged 13 to 18 in tandem and to include Spanish-speaking youth.

Table 1. Descriptive Statistics (n = 524)		
Table 1. Descriptive statistics (II = 324)		
	n	%
Age (M = 17.28, SD = 1.30)		
13 – 14	34	6.49
15 – 16	165	31.5
17 – 18	325	62.0
Completed Survey in Spanish		
Yes	61	11.6
No	463	88.4
Ethnicity		
Mexican, Mexican American, Chicano	293	55.9
Caribbean	139	26.5
South American	43	8.2
Central American	49	9.4
Sexual Orientation		
Gay	360	68.7
Bisexual	131	25.0
Other	33	6.3

Tested for HIV (Lifetime) No 338 64.5	Table 1 (Continued). Descriptive Statistics (n = 524)		
Tested for HIV (Lifetime) No 338 64.5 Yes 186 35.5 Have a Regular Doctor 200 38.2 Yes 324 61.8 Regular Doctor, Sexual Health No 394 69.7 Yes 171 30.3 Regular Doctor, Sexual Orientation No 333 63.5 Yes 191 36.5 Regular Doctor, HIV Testing 79.1 No 388 73.1 Yes 141 26.9 HIV Education in School 218 41.6 Yes 347 61.4 HIV Education from Family No 356 67.9 Yes 209 37.0 Spoken to Family about Sexual Expectations No 314 60.0 Yes 210 40.0 PrEP Willingness 210 40.0 HIV/STI Risk Factors Mean SD Number of Male Sex Partners 4.45 7.17 Number of Male CAS Partners 4.28 HIV Knowledge, Motivation and Behavior Mean SD			
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HIV/STI Risk FactorsMeanSDNumber of Male Sex Partners4.457.17Number of Male CAS Partners2.374.28HIV Knowledge, Motivation and BehaviorMeanSDHIV Knowledge, % Correct64.6120.20	No, Most Likely Not	388	74.0
Number of Male Sex Partners4.457.17Number of Male CAS Partners2.374.28HIV Knowledge, Motivation and BehaviorMeanSDHIV Knowledge, % Correct64.6120.20	Yes, Most Likely	136	26.0
Number of Male Sex Partners4.457.17Number of Male CAS Partners2.374.28HIV Knowledge, Motivation and BehaviorMeanSDHIV Knowledge, % Correct64.6120.20	HIV/STI Risk Factors	Mean	SD
HIV Knowledge, Motivation and Behavior Mean SD HIV Knowledge, % Correct 64.61 20.20			7.17
HIV Knowledge, % Correct 64.61 20.20	Number of Male CAS Partners	2.37	4.28
HIV Knowledge, % Correct 64.61 20.20	HIV Knowledge, Motivation and Behavior	Mean	SD
		64.61	20.20
	HIV Perceived Vulnerability		





Current Study

- Factors associated with ever having received an HIV test, suggests that access to a provider and factors
 related to having spoken to parents about HIV testing and expectations about sexual behavior were
 associated with an increased odds of HIV testing
- Latinx youth in our sample were less likely to report HIV education from school, their provider, and their parents. Participants who enrolled in SMART in Spanish were less likely to report HIV education in school and from their providers
- Further, English-speaking Latinx youth were more likely to report awareness of PrEP for HIV prevention.
- These findings suggest that provider adolescent communication about HIV prevention is more likely to occur among English-speaking Latinxs
- The lack of PrEP awareness and rates of HIV testing among Spanish-speaking Latinx youth in the present study, in conjunction with limited education and conversations between youth and their providers noted in our analyses, highlight a need for HIV outreach and PrEP navigation services targeting Spanish-speaking Latinx youth

