

Factors Early Sexual Initiation among Governmental Preparatory School Students, Addis Ababa, Ethiopia

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Abstract

Early age at first sexual practice is now common around the world and has been found to pose both social and public health problems especially in the developing countries including HIV, STIs, unwanted pregnancy, induced abortion and Human Papilloma Virus infection. Different factors contribute to these problems. Therefore, the aim of this study was to assess factors associated with early sexual initiation among governmental preparatory in-school adolescents in Addis Ababa, Ethiopia. An institution based cross sectional study was conducted using multi-stage random sampling method from February to March, 2014. Data were entered into a computer by using Epi Info version 3.5.1 and analysed using SPSS version 16.0 for windows. Logistic regression analysis was used in order to identify the association between predictor variables and dependent variable and to control confounders. The result showed 25.3% of the students reported having practiced early sexual intercourse. Sex AOR=0.53; 95% CI (0.30-0.94), visiting night or day party AOR=4.00; 95% CI (2.25-7.13), using drugs AOR=5.23; 95% CI (2.40-11.39) and viewing pornographic materials AOR=2.84; 95% CI (1.43-5.65) were found to be significantly associated with

Methods

Study design and area

Sample size and sampling procedure

Variables

Age in years			
	<18	526	82.7
	18	110	17.3
Ethnicity			
	Amhara	306	48.1
	Tigre	86	13.5
	Oromo	90	14.2
	Gurage	81	12.7
	Others	73	11.5
Grade			
	11th	335	52.7
	12th	301	47.3
Religion			
	Orthodox	476	74.8
	Protestant	68	10.7
	Others	92	14.5
Living arrangement			
	Withnhrarens	32	5.7
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None of them	23	109	0.11 (0.03-0.45)	0.33 (0.05-2.20)	0.25
Few of them	37	99	0.19 (0.04-0.79)	0.35 (0.06-2.24)	0.27
Half of them	26	42	0.31 (0.07-1.35)	0.43 (0.07-2.80)	0.37
Most of them	40	39	0.51 (0.12-2.20)	0.68 (0.11-4.44)	0.69
All of them	6	3	1.00	1.00	
Ever used drugs					
Yes	59	19	13.88 (7.93-24.30)	5.23 (2.40-11.39)	0.001
No	102	456	1.00	1.00	
Ever drink alcohol					
Yes	108	106	7.10 (4.79-10.51)	1.27 (0.65-2.47)	0.48
No	53	369	1.00	1.00	
Ever viewed pornographic materials					
Yes	136	203	7.29 (4.59-11.59)	2.84 (1.43-5.65)	0.003
No	25	272	1.00	1.00	

Discussion

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References
