



POPULATION REFERENCE BUREAU

Background Data for Noncommunicable Diseases in Latin America and the Caribbean: Youth Are Key to Prevention

(June 2013) This background data accompany the PRB data sheet *Noncommunicable Diseases in Latin America and the Caribbean: Youth Are Key to Prevention*. The data sheet is available at www.prb.org.

Cigarette Use

The core indicator: percent with any cigarette use in the past 30 days.

The standard used for coding: high (red) $\geq 16\%$; medium (yellow) $= 7\%-15.9\%$; and low (green) $< 7\%$ among 13-15 year old students.

Data Source

ENSC	Encuesta Nacional de Salud Chile 2009-2010 [Chile National Health Survey 2009-2010] (Ministerio de Salud, Chile)
GYTS	Global Youth Tobacco Survey (varying survey years per country) (US Centers for Disease Control and Prevention (CDC) and World Health Organization (WHO))
GSHS	Global School-based Student Health Survey (varying survey years per country) (US Centers for Disease Control and Prevention (CDC) and World Health Organization (WHO))

PENSE	Pesquisa Nacional de Saúde do Escolar 2009 [National Survey of School Health 2009], Brazil (IBGE, Diretoria de Pesquisa, Coordenação de População e Indicadores Sociais)
STEPS	STEPwise Approach to Chronic Disease Risk Factor Surveillance Survey 2010, Santander, Colombia (WHO)
VIGITEL	Vigilância de Fatores de Risco e Proteção para Doenças Crônicas por Inquérito Telefônico 2010, Brazil [Surveillance of Risk and Protective Factors for Chronic Diseases Telephone Interviews 2010] (Ministério da Saúde)
YRBS	Youth Risk Behavior Survey (varying survey years per country) (CDC)
YSS	Youth Smoking Survey 2010-2011, Canada (Propel Centre for Population Health Impact, University of Waterloo)

Cigarette Use Among Males

Country	Region	Year	Age	Prevalence	Sample Size*	Source
NORTH AMERICA						
Canada		2010/2011	11-15 ¹	2.2	805	YSS
		2010/2011	12-15 ²	2.8	616	YSS
		2010/2011	15-18 ³	11.3	639	YSS
United States		2011	14-18 ⁴	19.9	7,242	YRBS
Puerto Rico		2011	14-18 ⁴	3.6	626	YRBS
CENTRAL AMERICA						
Belize		2008	13-15	11.7	1,751	GYTS
Costa Rica		2009	13-15	10.4	2,679	GSHS
El Salvador		2009	13-15	11.2		GYTS
Guatemala		2008	13-15	13.7	3,838	GYTS
Mexico		2011	13-15	15.8	1,825	GYTS
CARIBBEAN						
Antigua and Barbuda		2009	13-15	8.2	1,266	GSHS

		2009	13-15	5.2	1,068	GYTS
British Virgin Islands		2009	13-15	7.3	1,664	GSHS
Cayman Islands		2007	13-15	13.5	1,299	GSHS
Dominica		2009	13-15	13.8		GYTS
Grenada		2009	13-15	9.9		GYTS
Jamaica		2010	13-15	31.0	1,623	GSHS
		2010	13-15	21.5		GYTS
St. Kitts-Nevis		2010	13-15	4.8		GYTS
Saint Lucia		2011	13-15	13.3	858	GYTC
St. Vincent and the Grenadines		2011	13-15	16.6	1,102	GYTS
Trinidad and Tobago		2011	13-15	10.9	1,760	GYTS
		2011	13-15	13.6	2,811	GSHS
SOUTH AMERICA						
Argentina		2007	13-15	21.1	4,926	GYTS
		2007	13-15	19.8	1,980	GSHS
Brazil	(see notes)	2010	18-24	12.7	4,528	VIGITEL
		2009	14-15 ⁵	6.4	30,487	PENSE
Chile		2009/2010	15-24	48.3	363	ENSC
Colombia	Santander	2010	15-24	22.7	290	STEPS
	Bogota	2007	13-15	25.4	1,235	GYTS
	Bogota	2007	13-15	20.2	1,737	GSHS
	Bogota, official schools	2007	13-15	20.8	1,170	GSHS
	Bogota, private schools	2007	13-15	19.9	567	GSHS
	Bucaramanga City	2007	13-15	14.4	2,093	GSHS
	Cali City	2007	13-15	25.0	1,945	GSHS
	Manizales	2007	13-15	24.8	2,037	GSHS
	Valledupar City	2007	13-15	4.3	2,095	GSHS
Ecuador	Guayaquil	2007	13-15	13.6	2,669	GSHS

	Quito	2007	13-15	14.5	2,215	GSHS
	Zamora	2007	13-15	32.7	640	GSHS
Guyana		2010	13-15	13.3		GYTS
Peru		2010	13-15	22.9	2,882	GSHS
Suriname		2009	13-15	14.0		GYTS
		2009	13-15	12.5	1,698	GSHS
Uruguay		2007	13-15	16.4	2,483	GYTS

Cigarette Use Among Females

Country	Region	Year	Age	Prevalence	Sample Size*	Source
NORTH AMERICA						
Canada		2010/2011	11-15 ¹	2.1	776	YSS
		2010/2011	12-15 ²	2.7	590	YSS
		2010/2011	15-18 ³	8.7	593	YSS
United States		2011	14-18 ⁴	16.1	7,450	YRBS
Puerto Rico		2011	14-18 ⁴	2.5	756	YRBS
CENTRAL AMERICA						
Belize		2008	13-15	4.4	1,751	GYTS
Costa Rica		2009	13-15	8.4	2,679	GSHS
El Salvador		2009	13-15	7.1		GYTS
Guatemala		2008	13-15	9.1	3,838	GYTS
Mexico		2011	13-15	12.9	1,825	GYTS
CARIBBEAN						
Antigua and Barbuda		2009	13-15	6.1	1,266	GSHS
		2009	13-15	4.3	1,068	GYTS
British Virgin Islands		2009	13-15	4.3	1,664	GSHS
Cayman Islands		2007	13-15	7.8	1,299	GSHS

Dominica		2009	13-15	8.9		GYTS
Grenada		2009	13-15	6.2		GYTS
Jamaica		2010	13-15	16.9	1,623	GSHS
		2010	13-15	14.3		GYTS
St. Kitts-Nevis		2010	13-15	3.2		GYTS
Saint Lucia		2011	13-15	8.5	858	GYTC
St. Vincent and the Grenadines		2011	13-15	8.5	1,102	GYTS
Trinidad and Tobago		2011	13-15	7.0	1,760	GYTS
		2011	13-15	6.9	2,811*	GSHS
SOUTH AMERICA						
Argentina		2007	13-15	27.3	4,926	GYTS
		2007	13-15	21.9	1,980	GSHS
Brazil	(see notes)	2010	18-24	12.4	4,528	VIGITEL
		2009	14-15 ⁵	6.3	30,487	PENSE
Chile		2009/2010	15-24	42.6	438	ENSC
Colombia	Santander	2010	15-24	5.4	388	STEPS
	Bogota	2007	13-15	26.6	1,235	GYTS
	Bogota	2007	13-15	20.1	1,737	GSHS
	Bogota, official schools	2007	13-15	20.3	1,170	GSHS
	Bogota, private schools	2007	13-15	21.2	567	GSHS
	Bucaramanga City	2007	13-15	8.5	2,093	GSHS
	Cali City	2007	13-15	17.0	1,945	GSHS
	Manizales	2007	13-15	25.4	2,037	GSHS
	Valledupar City	2007	13-15	4.1	2,095	GSHS
Ecuador	Guayaquil	2007	13-15	7.2	2,669	GSHS
	Quito	2007	13-15	10.6	2,215	GSHS
	Zamora	2007	13-15	12.3	640	GSHS
Guyana		2010	13-15	5.6		GYTS

Peru		2010	13-15	11.9	2,882	GSHS
Suriname		2009	13-15	10.1		GYTS
		2009	13-15	8.6	1,698	GSHS
Uruguay		2007	13-15	22.9	2,483	GYTS

Notes

BRAZIL: The most recent data on smoking prevalence available for Brazil are from VIGITEL in 2010 for 18-24 year olds that show medium risk for Brazil for both sexes (12.7% for males and 12.4% for females). The prevalence in 2009 among 14-15 year olds available from PENSE, however, falls under low risk for both boys and girls (6.4% for boys and 6.3% for girls). Considering the age groups associated with these two data points—the 2010 VIGITEL data are from much older age group than the 2009 PENSE data and the reference age group in the standard used (13-15 year olds)—we code Brazil's risk for smoking among youth as low for both sexes.

Footnotes

*Sample sizes for Global Youth Tobacco Survey (GYTS) are for both sexes combined. Sample sizes for Global School-based Student Health Survey (GSHS) are for both sexes combined and for all ages included in the survey (not limited to 13-15 year olds).

¹grades 6-9, ²grades 7-9, ³grades 10-12, ⁴grades 9-12, ⁵grade 9

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