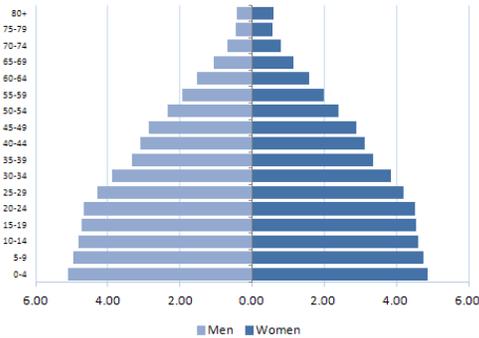


# VENEZUELA (Bolivarian Republic of)

## SOCIODEMOGRAPHIC INDICATORS<sup>1</sup>



- **Total population:** 29,436,900
- **Average annual deaths:** 153,100
- **Life expectancy at birth (years):**  
Total: 75 Male: 72 Female: 78
- **Adult literacy rate:** 95.2%
- **Gross national income US\$ per capita:** 10,090

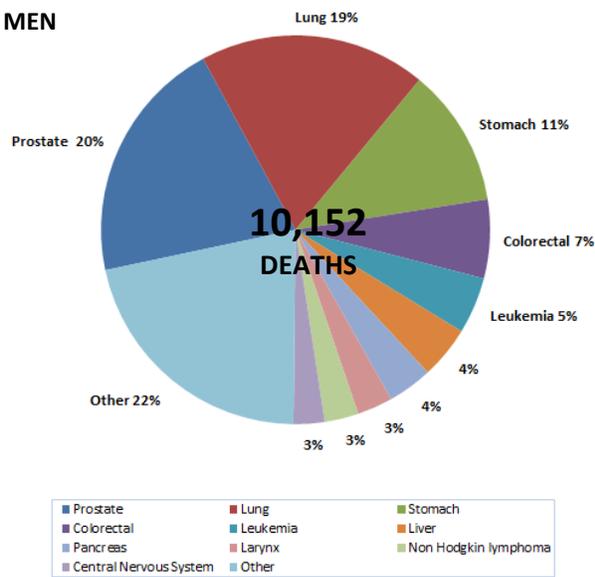
## RISK FACTORS

Prevalence of:	Total (%)	Male (%)	Female (%)
Current tobacco smokers among adults <sup>2,a</sup>	21.5	28.9	14.4
Current use of any tobacco product among youth <sup>3</sup>	9.4	11.0	7.2
Fruit and vegetable intake in adults <sup>1,b</sup>	...	...	...
Alcohol consumers, past 12 months <sup>4</sup>	...	...	...
Low physical activity in adults <sup>1,c</sup>	...	...	...
Obesity among adults (BMI $\geq 30$ ) <sup>1</sup>	30.8	26.6	34.8
HPV prevalence (women with normal cytology) <sup>5</sup>	...	...	...

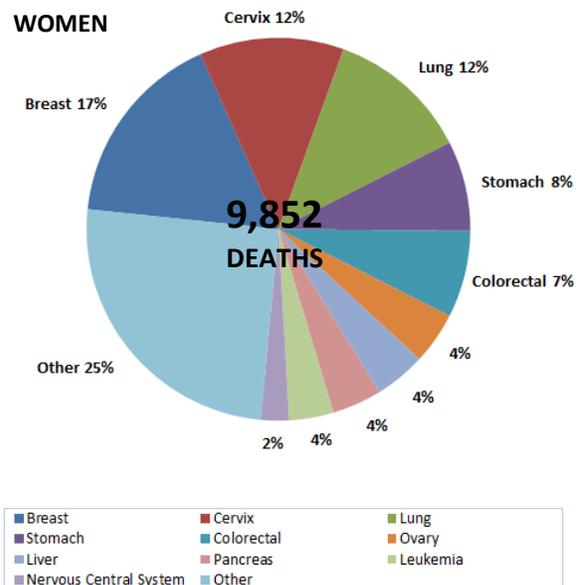
Notes: a: Adults 18-65 years of age; b: % who eat 5 or more servings of fruit and vegetables per day; c: % who are physically active for <600 met minutes; BMI: Body Mass Index; HPV: Human Papillomavirus.

## CANCER MORTALITY PROFILE (2009)<sup>6</sup>

### MEN



### WOMEN



## AGE-STANDARDIZED CANCER MORTALITY TRENDS (2000-2009)<sup>6</sup>



Average annual percent change (AAPC) of age-standardized mortality rates, by cancer type (2000-2009) <sup>6</sup>				
Cancer type	Sex	Number of deaths (2009)	ASMR (2009)	AAPC
All cancer types	Male	10,152	104.86	-2.0*
	Female	9,852	86.38	-3.1*
Breast cancer		1,643	14.12	-1.8
Cervical cancer		1,199	9.91	-3.1*
Colorectal cancer	Male	655	6.79	-1.94*
	Female	722	6.55	-3.5*
Liver cancer	Male	443	4.60	-1.75*
	Female	424	3.87	-3.71*
Lung cancer	Male	1,916	19.69	-1.0
	Female	1,184	10.71	-1.7*
Prostate cancer		2,076	24.57	-2.03*
Stomach cancer	Male	1,167	12.16	-3.56*
	Female	750	6.50	-5.92*

Notes: ASMR: Age-standardized mortality rate; AAPC: Average annual percent change; \*: The AAPC is significantly different from zero at p=0.05.

## CANCER PLANS AND CANCER REGISTRATION<sup>7</sup>

<b>National integrated NCD policy, strategy or action plan</b>	
Is there a national integrated NCD policy, strategy or action plan?	Yes
Is cancer included in the overall NCD plan?	Yes
First year of implementation	2005
<b>Cancer policy, strategy or action plan</b>	
Is there a cancer policy, strategy or action plan?	Yes
First year of implementation	1946
<b>Cancer registry</b>	
Is there a cancer registry?	Yes
Scope (national vs. subnational)?	National
Type of registry (population vs. hospital based)?	Hospital based
Last year with available data	2010

## CANCER PRIMARY PREVENTION POLICIES

<b>Tobacco control<sup>3</sup></b>	
Smoke free environments?	All public spaces are completely smoke free
Raised taxes on tobacco?	Taxes are 71% of the final price
Health warning labels about the dangers of tobacco?	Large warning with all appropriate features
Bans on tobacco advertising, promotion and sponsorship?	Complete absence of ban, or ban does not cover national television, radio and print media
<b>Overweight and obesity prevention and control<sup>7</sup></b>	
Is there a policy, strategy or action plan for reducing overweight/obesity? (First year of implementation)	Under development
<b>Harmful use of alcohol prevention and control<sup>7</sup></b>	
Is there a policy, strategy or action plan for reducing harmful use of alcohol? (First year of implementation)	Under development
<b>HPV vaccination in national immunization program?<sup>8</sup></b>	
Year of introduction/target age group/delivery strategy	N/A
Estimated 3-dose coverage (calendar year)	N/A
<b>HBV vaccination in national immunization program?<sup>8</sup></b>	
Year of introduction/target age group	2000/newborn-2m-4m-6m-18m; risk groups, health workers
Estimated 3-dose coverage (2012)	81%

## CANCER SCREENING

<b>Cervical cancer</b>	
<b>Guidelines<sup>9</sup></b>	
Are there cervical cancer screening guidelines available?	Yes
Guideline recommendations (tests/age groups/frequency)	Pap test/25-64 years of age/every 3 years after 2 consecutive negative annual Pap tests
<b>Availability and coverage of screening services</b>	
<b>Cervical cytology<sup>7</sup></b>	Generally available in the public and the private sectors
<b>Visual inspection with acetic acid<sup>7</sup></b>	Generally available in the public and the private sectors
<b>Screening coverage<sup>9</sup></b>	25% of target population (2011)

## CANCER SCREENING

Breast cancer	
<b>Guidelines</b>	
Are there breast cancer screening guidelines available?	...
Guideline recommendations (tests/age groups/frequency)	...
<b>Availability and coverage of screening services</b>	
<b>Clinical breast examination<sup>7</sup></b>	Generally available in the public and the private sectors
<b>Mammography<sup>7</sup></b>	Generally available in the public and the private sectors
<b>Screening coverage</b>	...
Colorectal cancer	
<b>Guidelines</b>	
Are there colorectal cancer screening guidelines available?	...
Guideline recommendations (tests/age groups/frequency)	...
<b>Availability and coverage of screening services</b>	
<b>Fecal occult blood test or fecal immunological test<sup>7</sup></b>	Generally available in the public and the private sectors
<b>Exam or colonoscopy<sup>7</sup></b>	Generally available in the public and the private sectors
<b>Screening coverage</b>	...

## CANCER TREATMENT AND PALLIATIVE CARE

Radiotherapy <sup>10</sup>		Oral morphine <sup>7</sup>	
Availability of services in the public health sector? <sup>7</sup>	Generally available	Availability in the public health sector?	Generally available
Total energy teletherapy units/million inhabitants	2.4	Covered by health insurance or publically funded?	Yes
Total radiotherapy centers	58	Appears in the national list of essential medicines?	Yes
Radiation oncologists	172	Opioid consumption <sup>11</sup>	
Medical physicists	47	Total morphine equivalence, per capita	2.88
Chemotherapy <sup>7</sup>		Community/home care <sup>7</sup>	
Availability of services in the public health sector?	Generally available	Are community/home care services available in the public sector for people with advanced stages of NCDs?	Generally <b>not</b> available

Notes: ...: Information not available; N/A: Not applicable; m: months.

Sources:

- (1) PAHO/WHO. Non communicable Diseases in the Americas: Basic Health Indicators 2011. Washington D.C, USA, 2011.
- (2) WHO Report on the Global Tobacco Epidemic, 2013, retrieved August 28, 2013 from <http://www.who.int/tobacco>
- (3) PAHO/WHO. Tobacco Control Report for the Region of the Americas, 2013. Washington D.C, USA, 2013.
- (4) WHO. Global Information System on Alcohol and Health, retrieved August 28, 2013, from <http://bit.ly/17zhugZ>.
- (5) ICO. Information Center on HPV and Cancer, retrieved August 28, 2013, from <http://www.hpvcentre.net/>.
- (6) PAHO/WHO Mortality Database, 2012.
- (7) PAHO/WHO Survey on National Capacity for the Prevention and Control of Non-communicable Diseases, 2013.
- (8) PAHO/WHO Comprehensive Family Immunization Unit. Immunization Country Profiles, retrieved August 28, 2013, from <http://bit.ly/1dn4Td3>; Immunization Reported Coverage in the Americas, by vaccine, retrieved August 28, 2013 from <http://bit.ly/1dn59ZK>.
- (9) Network of National Cancer Institutes of the South American Union (RINC/UNASUR). Informe preliminar reducido sobre la situación del control del cáncer de cuello uterino en 8 países de Latinoamérica. 2012
- (10) WHO/IAEA Directory of Radiotherapy Centers (DIRAC) Database, retrieved August 28, 2013 from <http://www.naweb.iaea.org/nahu/dirac/>.
- (11) University of Wisconsin. WHO Collaborating Centre for Pain Policy and Palliative Care, Opioid Consumption Database 2010, retrieved August 28, 2013, from <http://www.painpolicy.wisc.edu/countryprofiles/amro>.