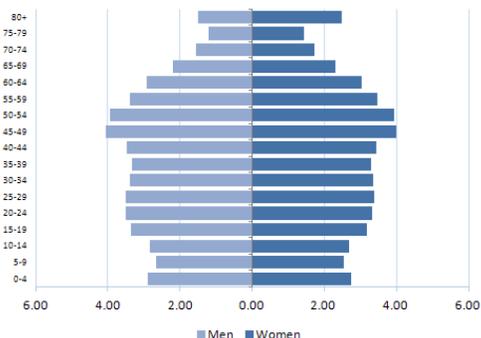


CHILE

SOCIODEMOGRAPHIC INDICATORS¹



- **Total population:** 17,269,500
- **Average annual deaths:** 98,200
- **Life expectancy at birth (years):**
Total: 79 Male: 76 Female: 82
- **Adult literacy rate:** 98.6
- **Gross national income US\$ per capita:** 9,470

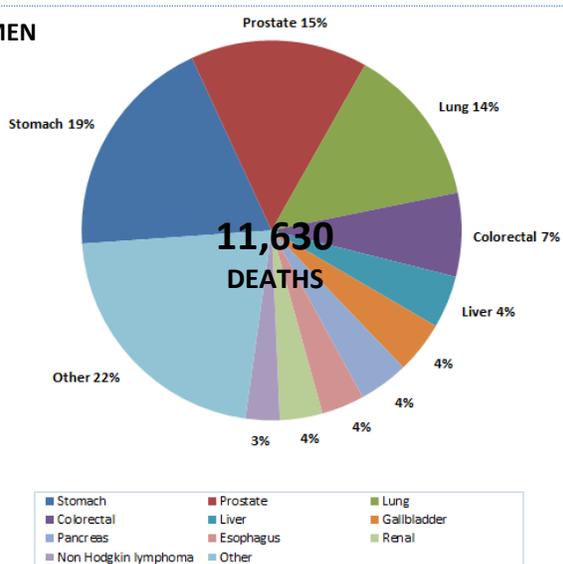
RISK FACTORS

Prevalence of:	Total (%)	Male (%)	Female (%)
Current tobacco smokers among adults ^{2,a}	41.0	44.0	38.0
Current use of any tobacco product among youth ^{2,b}	35.1	29.8	39.8
Fruit and vegetable intake in adults ^{1,c}	15.8	13.6	17.9
Alcohol consumers, past 12 months ³	67.6	75.3	60.2
Low physical activity in adults ^{1,d}	75.4	79.1	71.8
Obesity among adults (BMI ≥30) ¹	28.7	21.8	35.5
HPV prevalence (women with normal cytology) ⁴	11.2

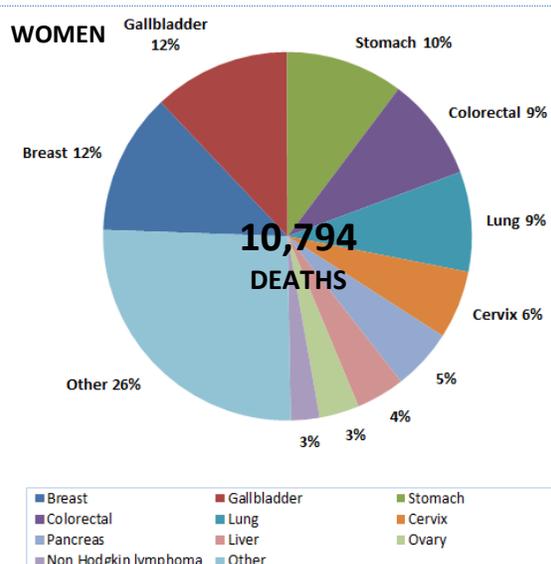
Notes: a: age-standardized prevalence of tobacco smoking in adults (15 years+), 2011; b: Subnational data from the Global Youth Tobacco Survey, Santiago, 2008; c: % who eat 5 or more servings of fruit and vegetables per day; d: % who are physically active for <600 met minutes; BMI: Body Mass Index; HPV: Human Papillomavirus.

CANCER MORTALITY PROFILE (2009)⁵

MEN



WOMEN



AGE-STANDARDIZED CANCER MORTALITY TRENDS (2000-2009)⁵



Average annual percent change (AAPC) of age-standardized mortality rates, by cancer type (2000-2009)⁵

Cancer type	Sex	Number of deaths (2009)	ASMR (2009)	AAPC
All cancer types	Male	11,630	143.41	-1.48*
	Female	10,794	102.26	-1.40*
Breast cancer		1,338	12,92	-0.83
Cervical cancer		646	6,38	-3.76*
Colorectal cancer	Male	829	10.25	1.54*
	Female	977	8.92	0.46
Liver cancer	Male	518	6.40	0.92
	Female	461	4.24	2.06*
Lung cancer	Male	1,585	19.56	-1.35*
	Female	947	9.07	1.47*
Prostate cancer		1,753	22.11	-0.97*
Stomach cancer	Male	2,235	27.49	-3.29*
	Female	1,115	10.16	-2.81*

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 REGISTRATION⁶

National integrated NCD policy, strategy or action plan	
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	2012
Cancer policy, strategy or action plan	
Is there a cancer policy, strategy or action plan?	Yes
First year of implementation	2005
Cancer registry	
Is there a cancer registry?	Yes
Scope (national vs. subnational)?	Subnational
Type of registry (population vs. hospital based)?	Population based
Last year with available data	2011

CANCER PRIMARY PREVENTION POLICIES

Tobacco control²	
All public spaces are completely smoke free	All public spaces are completely smoke free
Raised taxes on tobacco?	Taxes are 81% of the final price
Health warning labels about the dangers of tobacco?	Large warnings with all appropriate features
Bans on tobacco advertising, promotion and sponsorship?	Ban on all forms of direct and indirect advertising
Overweight and obesity prevention and control⁶	
Is there a policy, strategy or action plan for reducing overweight/obesity? (First year of implementation)	Yes (2011)
Harmful use of alcohol prevention and control⁶	
Is there a policy, strategy or action plan for reducing harmful use of alcohol? (First year of implementation)	Yes (2010)
HPV vaccination in national immunization program?⁷	
Year of introduction/target age group/delivery strategy	N/A
Estimated 3-dose coverage (calendar year)	N/A
HBV vaccination in national immunization program?⁷	
Year of introduction/target age group	1996/2m-4m-6m
Estimated 3-dose coverage (2012)	90%

CANCER SCREENING

Cervical cancer	
Guidelines⁸	
Are there cervical cancer screening guidelines available?	Yes
Guideline recommendations (tests/age groups/frequency)	Pap test/women aged 25-64 years/every 3 years
Availability and coverage of screening services	
Cervical cytology⁶	
Visual inspection with acetic acid⁶	Generally not available in the public and the private sectors
Screening coverage⁹	60% women aged 25-64 years with a Pap test in the past 3 years (2011)

CANCER SCREENING	
Breast cancer	
Guidelines¹⁰	
Are there breast cancer screening guidelines available?	Yes
Guideline recommendations (tests/age groups/frequency)	Mammography/women 50-74 years of age/every 2 years
Availability and coverage of screening services	
Clinical breast examination⁶	Generally available in the public and the private sectors
Mammography⁶	Generally available in the public and the private sectors
Screening coverage¹¹	31.8% women aged 50 years (public sector, 2006-2008)
Colorectal cancer	
Guidelines¹²	
Are there colorectal cancer screening guidelines available?	Yes
Guideline recommendations (tests/age groups/frequency)	Fecal occult blood test/50 years of age or older/annual
Availability and coverage of screening services	
Fecal occult blood test or fecal immunological test⁶	Generally available in the public and the private sectors
Exam or colonoscopy⁶	Generally available in the public and the private sectors
Screening coverage	...

CANCER TREATMENT AND PALLIATIVE CARE			
Radiotherapy¹³		Oral morphine⁶	
Availability of services in the public sector? ⁶	Generally available	Availability in the public health sector?	Generally available
Total energy teletherapy units/million inhabitants	2.9	Covered by health insurance or publically funded?	Yes
Total radiotherapy centers	27	Appears in the national list of essential medicines?	Yes
Radiation oncologists	55	Opioid consumption¹⁴	
Medical physicists	16	Total morphine equivalence, per capita	11.28
Chemotherapy⁶		Community/home care⁶	
Availability of services in the public sector?	Generally available	Are community/home care services available in the public sector for people with advanced stages of NCDs?	Generally available

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

Sources:

- (1) PAHO. Non communicable Diseases in the Americas: Basic Health Indicators 2011. Washington D.C, USA, 2011.
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- (5) PAHO/WHO Mortality Database, 2012.
- (6) PAHO/WHO Survey on National Capacity for the Prevention and Control of Non-communicable Diseases, 2013.
- (7) 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>.
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- (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) Ministry of Health of Chile. Guía clínica cancer de mama. Ministerio de salud, 2010, retrieved August 28, 2013 from <http://bit.ly/14YD8H8>.
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- (12) Ministry of Health of Chile. Guía Clínica AUGÉ. Cáncer colorectal en personas de 15 años y más. Series Guías Clínicas MINSAL 2013. Gobierno de Chile, retrieved August 28, 2013 from <http://bit.ly/1dq1DxH>.
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- (14) 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>.