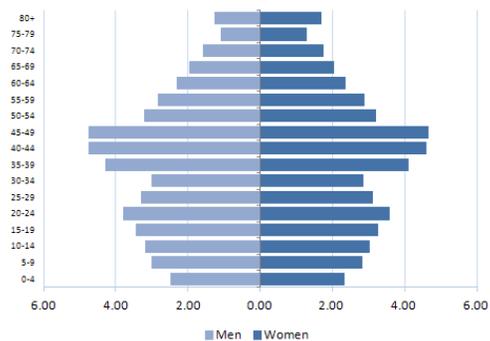


CUBA

SOCIODEMOGRAPHIC INDICATORS¹



- **Total population:** 11,253,700
- **Average annual deaths:** 83,900
- **Life expectancy at birth (years):**
Total: 79 Male: 77 Female: 81
- **Adult literacy rate:** 99.8%
- **Gross national income US\$ per capita:** 5,500

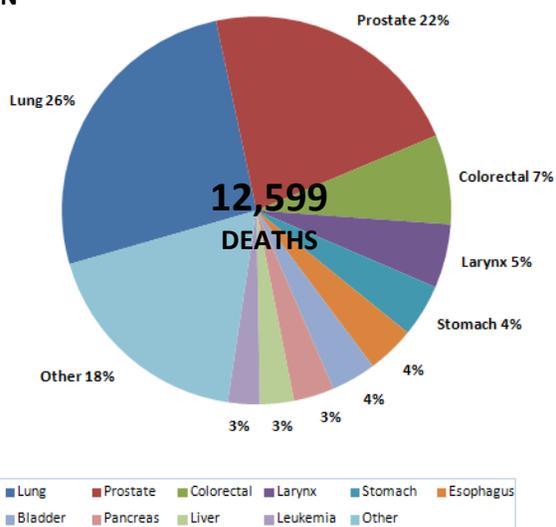
RISK FACTORS

Prevalence of:	Total (%)	Male (%)	Female (%)
Current tobacco smokers among adults ^{2,a}	23.7	31.1	16.4
Current use of any tobacco product among youth ³	17.1	19.8	15.0
Fruit and vegetable intake in adults ^{1,b}
Alcohol consumers, past 12 months ⁴	45.6	67.2	24.5
Low physical activity in adults ^{1,c}
Obesity among adults (BMI ≥30) ¹	20.5	13.3	27.5
HPV prevalence (women with normal cytology) ⁵

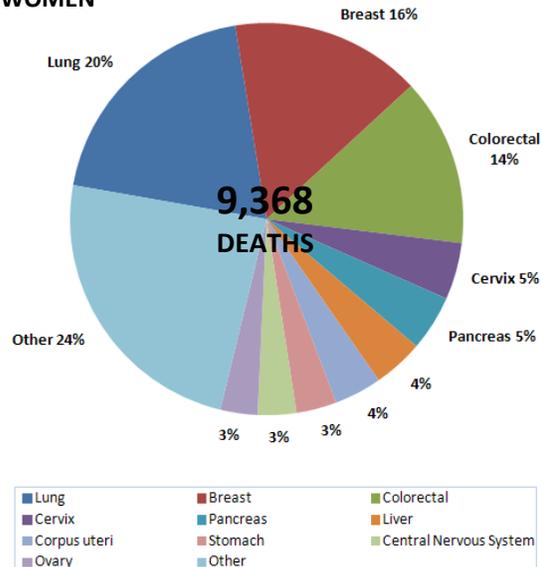
Notes: a: current tobacco smoking in adults (15 years+); b: % who eat 5 or more servings of fruit and vegetables per day; c: % who are physically active for <600 met minutes; BMI: Body Mass Index; HPV: Human Papillomavirus.

CANCER MORTALITY PROFILE (2010)⁶

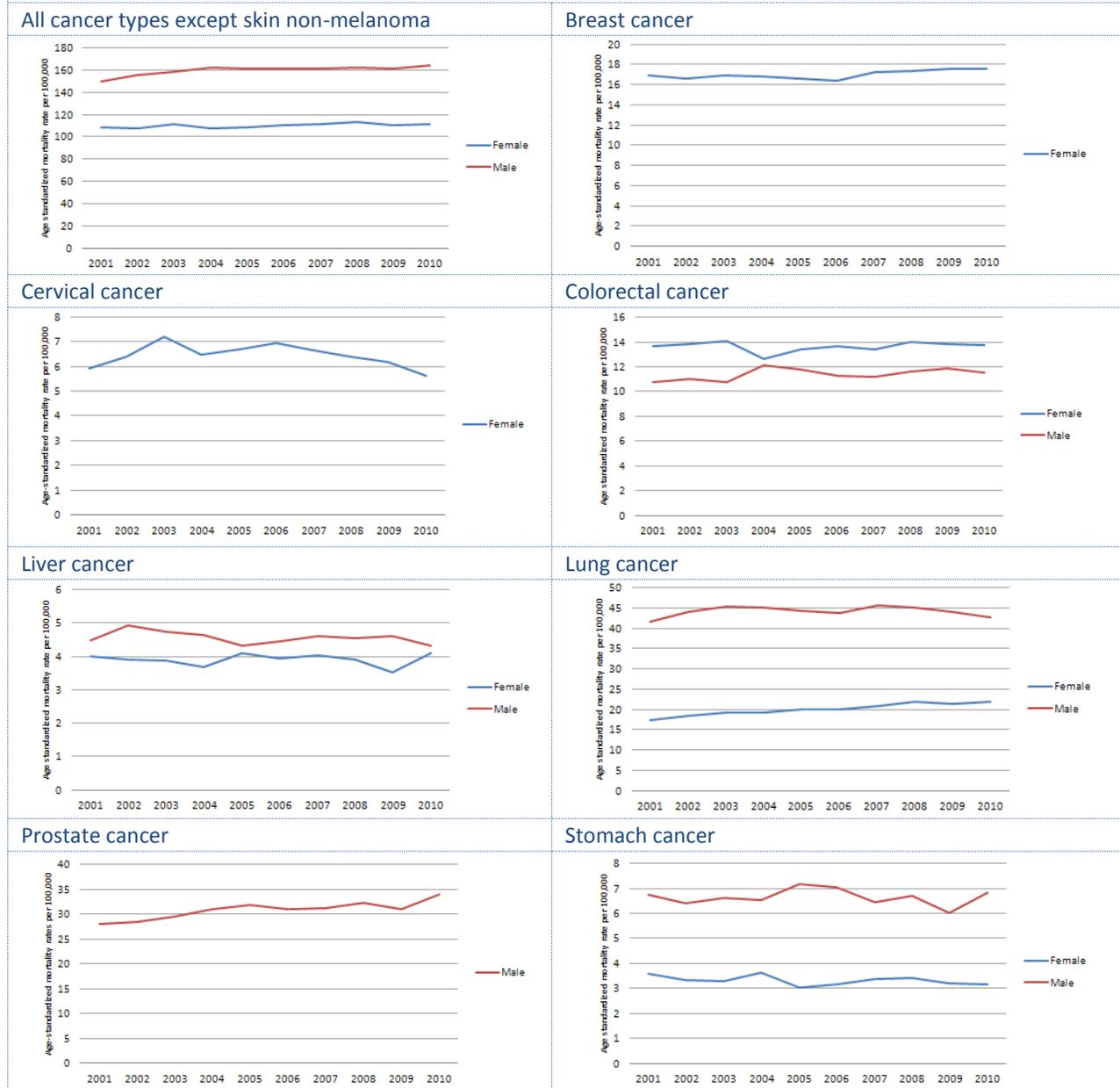
MEN



WOMEN



AGE-STANDARDIZED CANCER MORTALITY TRENDS (2001-2010)⁶



Average annual percent change (AAPC) of age-standardized mortality rates, by cancer type (2001-2010)⁶

Cancer type	Sex	Number of deaths (2010)	ASMR (2010)	AAPC
All cancer types	Male	12,599	164.31	0.8*
	Female	9,368	112.01	0.43*
Breast cancer		1,470	17.58	0.55*
Cervical cancer		439	5.64	0.1
Colorectal cancer	Male	938	11.95	0.73
	Female	1,295	14.14	0.13
Liver cancer	Male	357	4.71	-0.59
	Female	387	4.50	-0.14
Lung cancer	Male	3,286	43.20	0.5
	Female	1,842	22.19	2.42*
Prostate cancer		2,779	34.06	1.67*
Stomach cancer	Male	552	7.21	-0.26
	Female	311	3.56	-0.78

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 REGISTRATION⁷

National integrated NCD policy, strategy or action plan	
Is there a national integrated NCD policy, strategy or action plan?	Under development
Is cancer included in the overall NCD plan?	N/A
First year of implementation	N/A
Cancer policy, strategy or action plan	
Is there a cancer policy, strategy or action plan?	Yes
First year of implementation	2009
Cancer registry	
Is there a cancer registry?	Yes
Scope (national vs. subnational)?	National
Type of registry (population vs. hospital based)?	Population based
Last year with available data	2009

CANCER PRIMARY PREVENTION POLICIES

Tobacco control²	
Smoke free environments?	Three to five types of public spaces completely smoke-free
Raised taxes on tobacco?	Taxes are 75% of the final price
Health warning labels about the dangers of tobacco?	Medium size warning lacking one or more appropriate features or large warning lacking four or more appropriate features
Bans on tobacco advertising, promotion and sponsorship?	Complete lack of ban, or ban does not cover national television, radio and print media
Overweight and obesity prevention and control⁷	
Is there a policy, strategy or action plan for reducing overweight/obesity? (First year of implementation)	Yes (2008)
Harmful use of alcohol prevention and control⁷	
Is there a policy, strategy or action plan for reducing harmful use of alcohol? (First year of implementation)	Yes (2002)
HPV vaccination in national immunization program?⁸	
Year of introduction/target age group/delivery strategy	N/A
Estimated 3-dose coverage (calendar year)	N/A
HBV vaccination in national immunization program?⁸	
Year of introduction/target age group	1990/newborn-2m-4m-6m
Estimated 3-dose coverage (2012)	100%*

Note: *Reported coverage >100%.

CANCER SCREENING

Cervical cancer	
Guidelines⁹	
Are there cervical cancer screening guidelines available?	Yes
Guideline recommendations (tests/age groups/frequency)	Pap test/25-64 years of age/every 3 years
Availability and coverage of screening services	
Cervical cytology⁷	Generally available in the public sector
Visual inspection with acetic acid⁷	Generally <u>not</u> available in the public sector
Screening coverage⁹	70% of target population (2010)

CANCER SCREENING

Breast cancer	
Guidelines¹⁰	
Are there breast cancer screening guidelines available?	Yes
Guideline recommendations (tests/age groups/frequency)	CBE/women aged 30 years and older Mammography/50-64 years of age/every 3 years
Availability and coverage of screening services	
Clinical breast examination⁷	Generally available in the public sector
Mammography⁷	Generally available in the public sector
Screening coverage	...
Colorectal cancer	
Guidelines	
Are there colorectal cancer screening guidelines available?	...
Guideline recommendations (tests/age groups/frequency)	...
Availability and coverage of screening services	
Fecal occult blood test or fecal immunological test⁷	Generally available in the public sector
Exam or colonoscopy⁷	Generally available in the public sector
Screening coverage	...

CANCER TREATMENT AND PALLIATIVE CARE

Radiotherapy ¹¹		Oral morphine ⁷	
Availability of services in the public health sector? ⁷	Generally available	Availability in the public health sector?	Generally not available
Total energy teletherapy units/million inhabitants	1.2	Covered by health insurance or publically funded?	No
Total radiotherapy centers	9	Appears in the national list of essential medicines?	No
Radiation oncologists	38	Opioid consumption ¹²	
Medical physicists	29	Total morphine equivalence, per capita	2.30
Chemotherapy ⁷		Community/home care ⁷	
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 available

Notes: ...: Information not available; N/A: Not applicable; m: months; CBE: Clinical breast examination.

Sources:

- (1) PAHO/WHO. Non communicable Diseases in the Americas: Basic Health Indicators 2011. Washington D.C, USA, 2011.
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- (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/17zhuqZ>.
- (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) Goss et al. Planning cancer control in Latin America and the Caribbean. Lancet Oncol 2013; 14:391-436.
- (11) WHO/IAEA Directory of Radiotherapy Centers (DIRAC) Database, retrieved August 28, 2013 from <http://www.naweb.iaea.org/nahu/dirac/>.
- (12) 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>.