



Pan American Health Organization



Regional Office of the
World Health Organization

Mortality Information and Cancer Mortality in Americas

Dr. Fatima Marinho, Project Coordinator

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Brasilia, Brazil

PAHO Mortality data base

- **Main Variables/Annual data request to the countries** *
- Deaths: Individual data on each death, with the following specifications:
- Major civil division of residence of the decedent
- Sex
- Age (in hours for the first day, in days for the first month, in months for the first year, and in complete years after one year of age)
- Underlying cause of death
- Available other causes
- Certification of the cause (s) of death: physician or nonmedical
- Educational attainment of decedent (instruction or education level)
- Ethnicity of the decedent
- Place of occurrence of the death (hospital, residence, public thoroughfare, etc)

* since 2009 this extensive set is requested

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PAHO Mortality data base

- **Time series**: since 1981 for most countries
- **Geographical disaggregation (admin level)**
- In most countries mortality data is available until the 2nd admin level (municipality); currently PAHO is initiating to compile these data for the regional database.

Availability of mortality data 1981 - 2006

- Countries with complete time-series
- ARG, BRA, CHI, COL, COR, CUB, ECU, GUT, MEX, SKN*, TCA*, PUR, USA, CAN
- Countries with gaps in time series
- Caribbean countries/territories, ELS, NIC, PAN
- Countries with few data-years
- BOL, HON, JAM

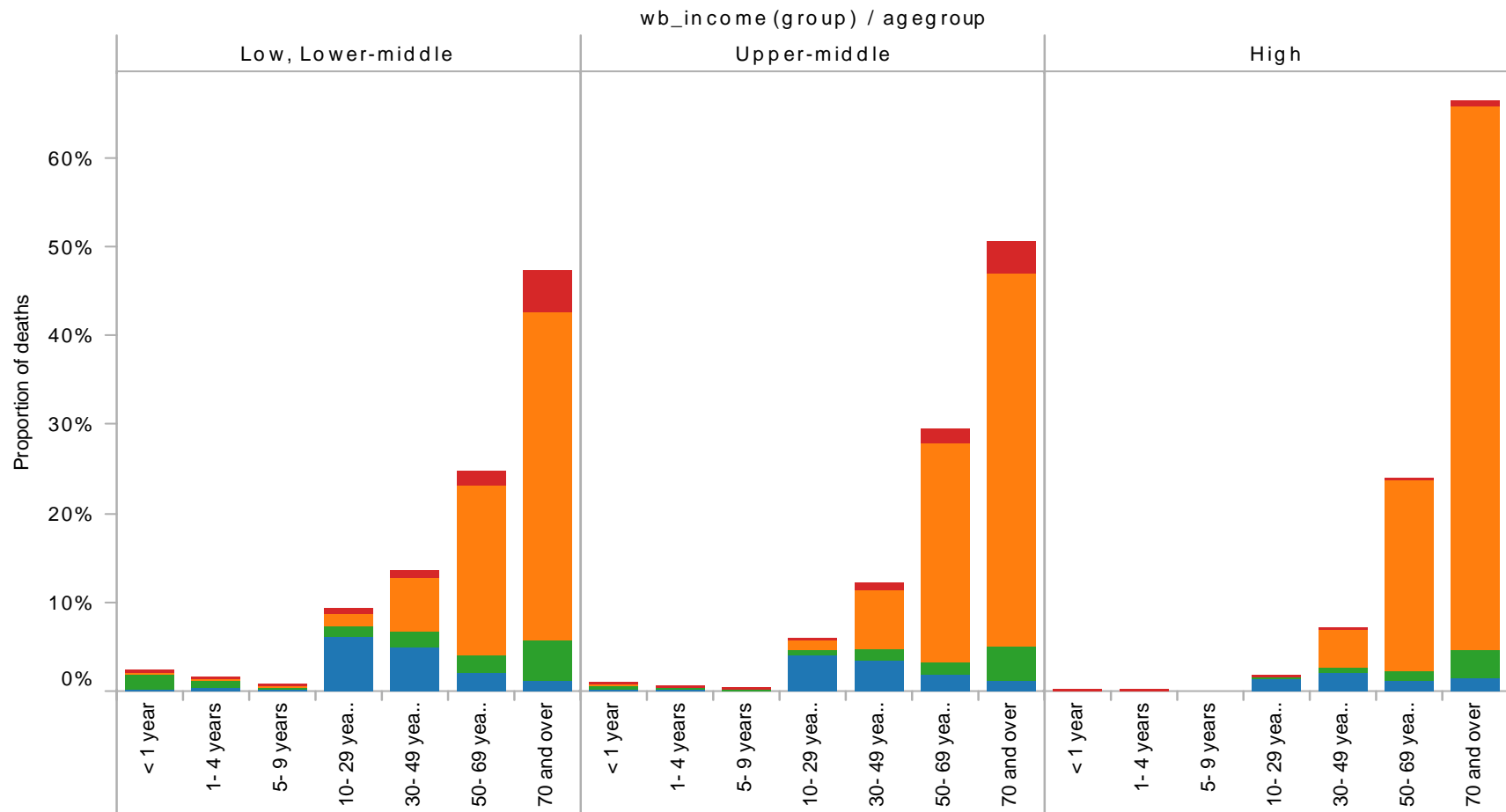
PAHO Mortality Information System

- Access to database, under construction:
- <http://165.158.5.45/morta/mortagec.php>

Mortalidad Proporcional en Américas

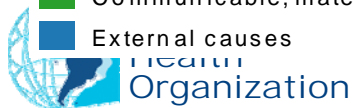
Sub Region	Group I (Infectious, Maternal, perinatal)		Group II Non communicable		Group III External		Total
	N°	%	N°	%	N°	%	
North America	158,008	6.0	2,249,375	85.7	178,396	6.8	2,624,199
Mexico	62,566	13.3	348,924	74.0	47,804	10.1	471,679
Central America	9,773	12.9	49,318	65.0	10,773	14.2	75,837
Caribbean 1 (*)	2,401	14.7	11,356	69.5	1,426	8.7	16,333
Caribbean 2	16,652	11.6	109,127	76.3	11,258	7.9	142,987
Andean region	69,709	15.3	287,380	63.2	67,197	14.8	454,793
Brazil	128,715	12.6	720,959	70.6	115,807	11.3	1,024,069
Southern Cone	49,312	11.4	324,041	74.7	28,385	6.5	433,939

Proportion of deaths by age groups, cause of death in Country groups according to income



cause (group)

- Sign symptoms ill-defined
- Chronic non-communicable diseases
- Communicable, maternal, perinatal, nutritional diseases
- External causes



Classification of countries according World Bank income criteria

Main causes of Death in Americas, circa 2005

<i>MainCauseGrps</i>	<i>Deaths</i>	<i>% of Deaths</i>
Diseases of circulatory system	1,557,826	31.13%
Other diseases	1,344,932	26.87%
Neoplasms	975,687	19.50%
Communicable disease	351,122	7.02%
Symptoms, signs and ill-defined conditions	200,414	4.00%
External causes	486,541	9.72%
Certain affections of perinatal period	88,195	1.76%

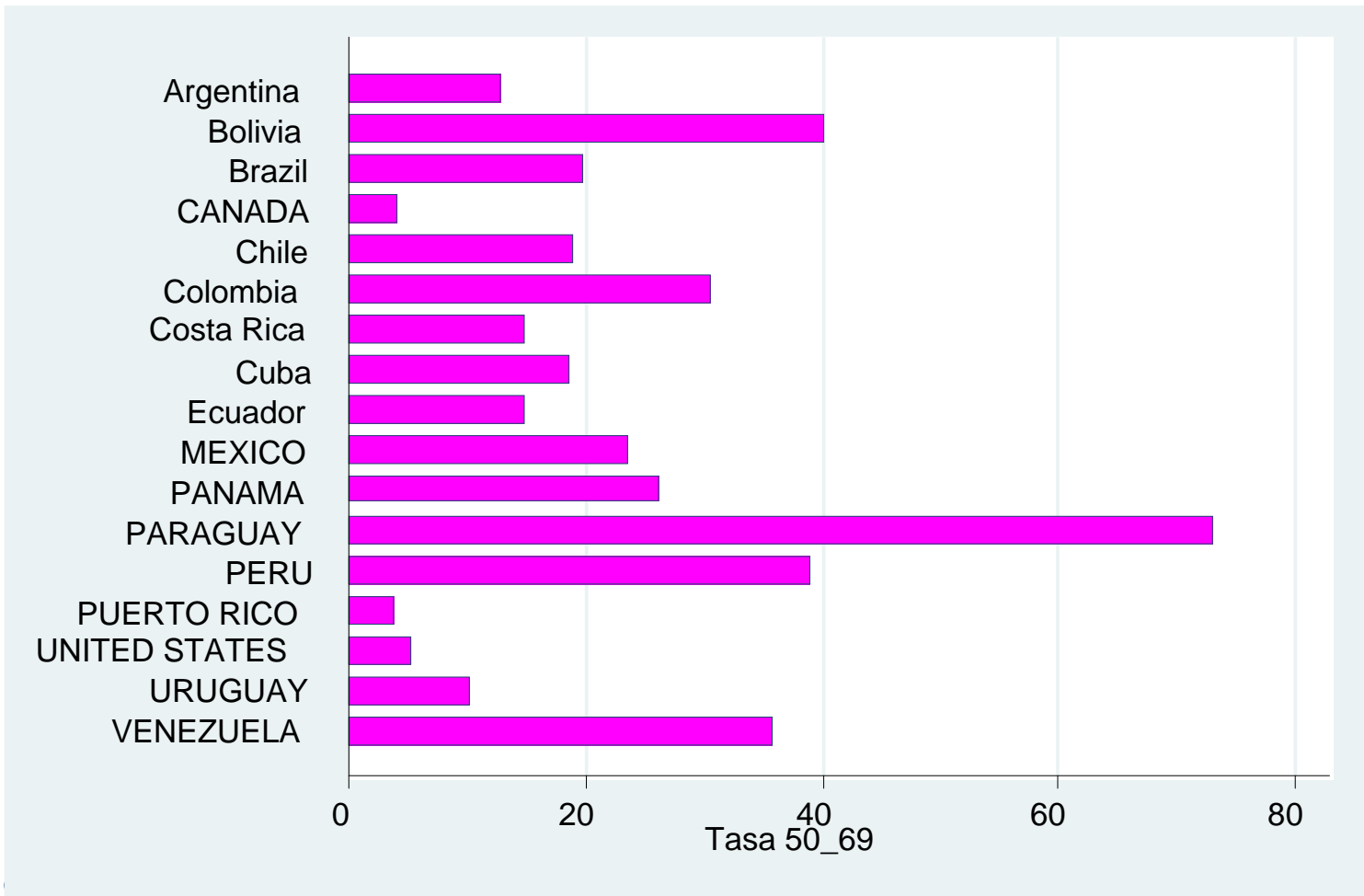
PAHO Regional Health Observatory

Objectives:

- ensuring an improved access to health information and data for the head office, the member countries and the general public;
- providing improved technical cooperation;
- improving the availability of data and information on health, regulations, standards, methods and tools for health analysis and strengthening the health and epidemiologic analysis.

- <http://phip.paho.org>

Tasa* de Mortalidad por Cancer cervical en el grupo etáreo de 50 a 69 anos, países de las Américas, 2004/2005/2006



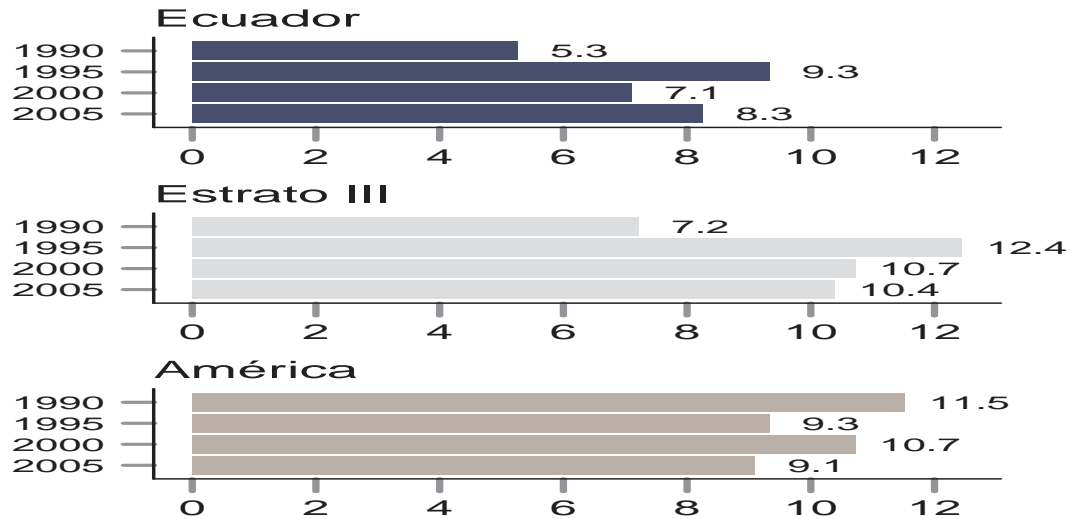
* Tasa por 100 mil

Mortalidad por Cáncer Cuelo de Útero, Cuerpo, Porción no Especificada - 2004

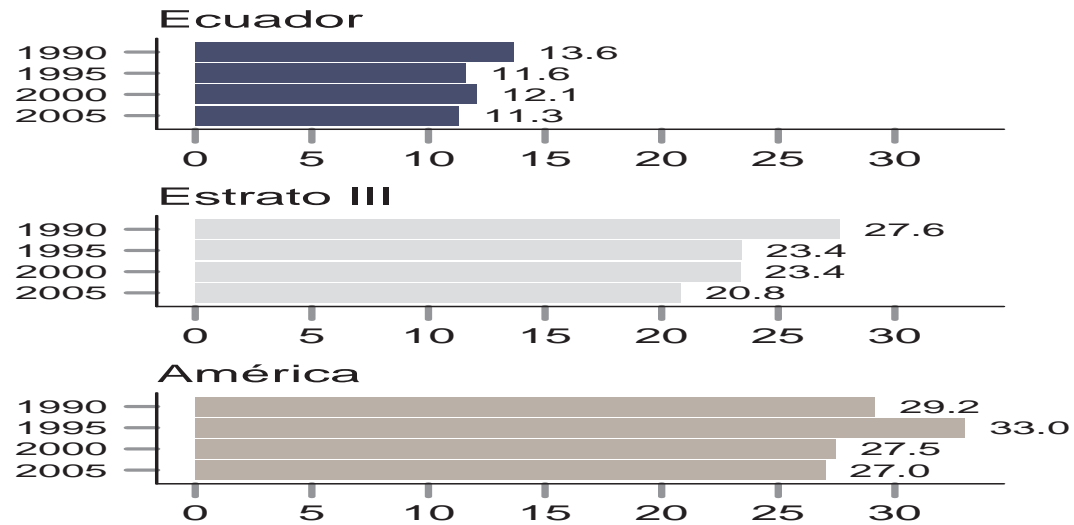
Sub Region	Cervix Uterine (C53)		Corpus Uterine (C54)		Unspecified (C55)		Total
	Nº	%	Nº	%	Nº	%	
North America	4,238	35.4	3,643	30.5	4,081	34.1	11,962
Mexico	4,239	87.5	255	5.2	352	7.3	4,846
Central America	721	75.4	70	7.3	165	17.3	956
Caribbean 1 (*)	106	60.9	13	7.5	55	31.6	174
Caribbean 2	633	44.8	342	24.2	437	31.0	1,412
Andean region	3,698	67.1	476	8.6	1,335	24.3	5,509
Brazil	4,393	61.5	748	10.5	2,001	28.0	7,142
Southern Cone	1,946	50.9	539	14.1	1,341	35.0	3,826

Tasa de Mortalidad por Cancer

25C: Pulmón, tráq. y bronq., Muj. 45–64

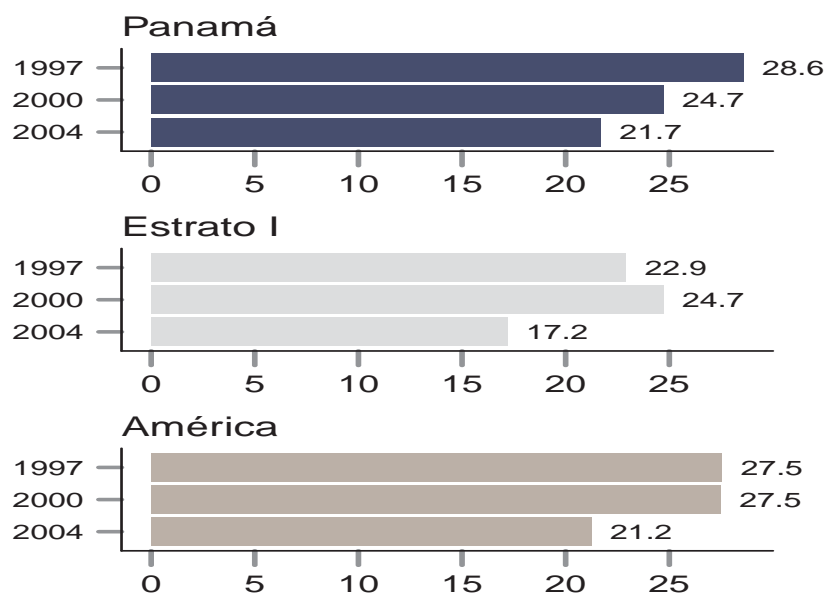


25C: Pulmón, tráq. y bronq., Hom. 45–64

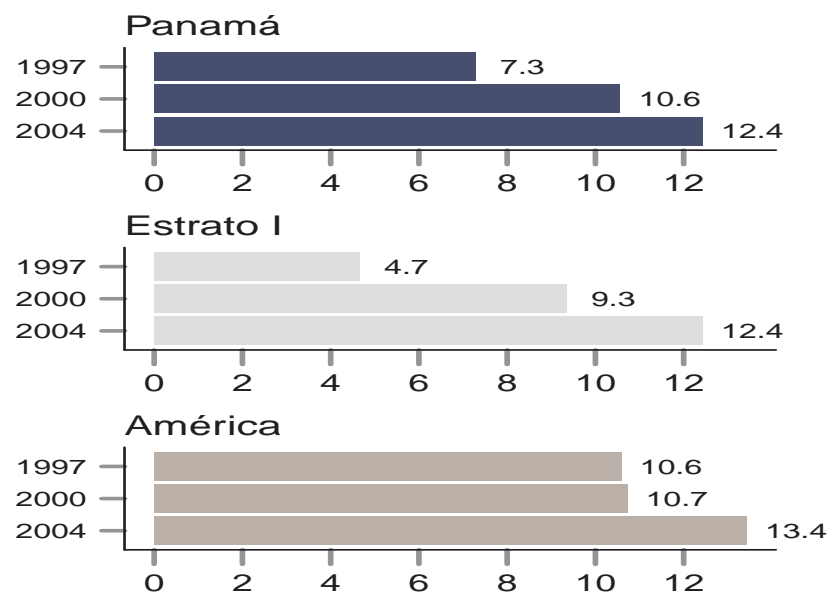


Mortalidad por Cáncer de pulmón, bronquios y traquea, Panamá y Región

25C: Pulmón, tráq. y bronq., Hom. 45–64

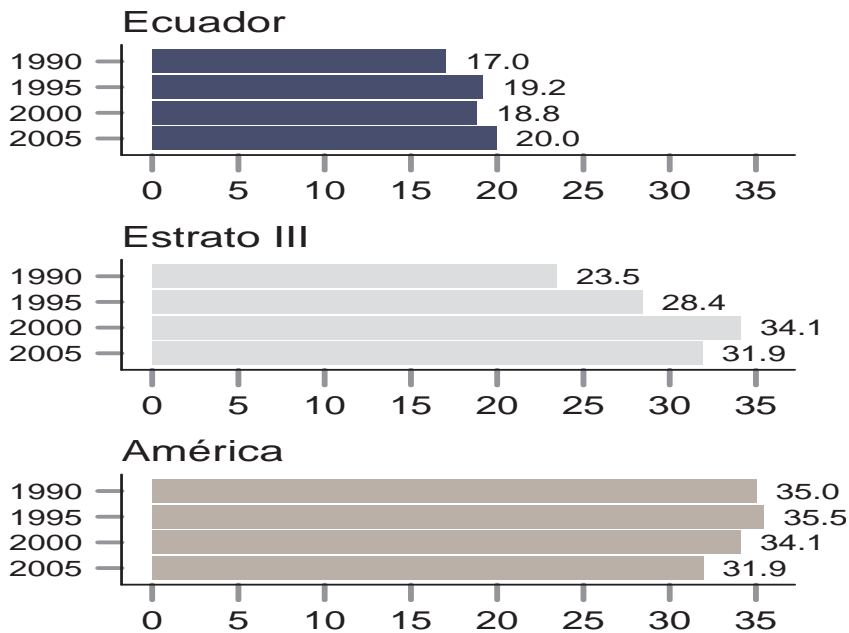


25C: Pulmón, tráq. y bronq., Muj. 45–64

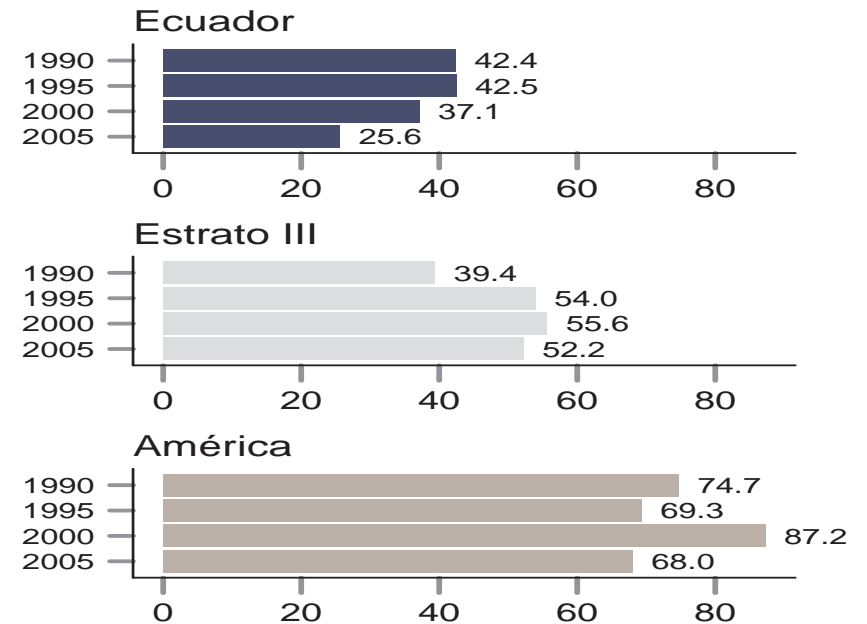


Brest Cancer Mortality in Ecuador and Region

25B: Mama, Muj. 45–64

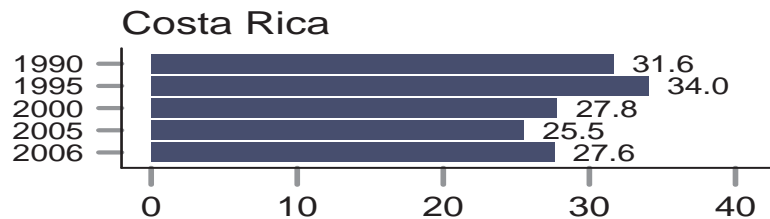


25B: Mama, Muj. 65 y más

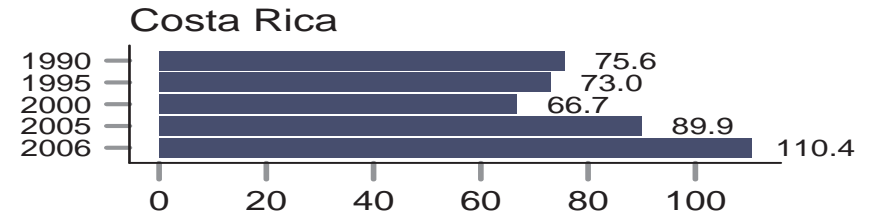


Brest Cancer Mortality in Costa Rica and Region

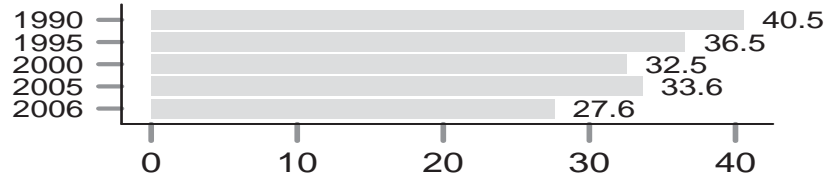
25B: Mama, Muj. 45–64



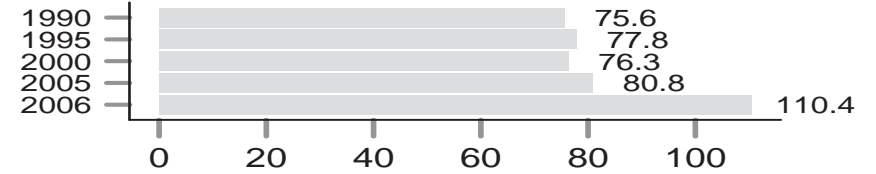
25B: Mama, Muj. 65 y más



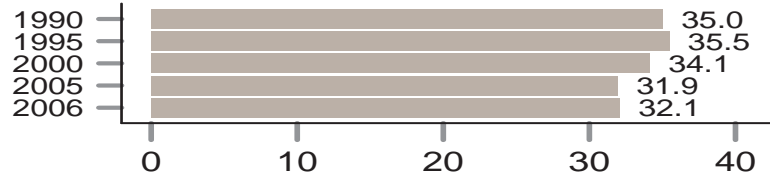
Estrato II



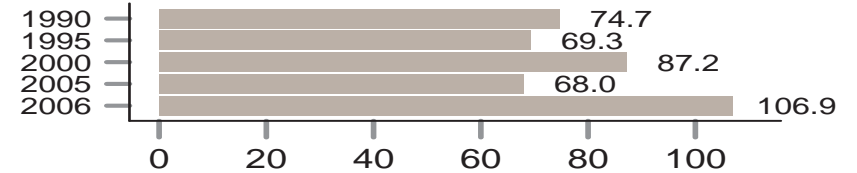
Estrato II



América



América



Consumo Tabaco, escolares 13 a 15 anos

	2000	2001	2002	2003	2004	2005	2006
Argentina	28.1	...	...	24.9	...	...	...
Belize	...	...	18.1	...	...	...	...
Bolivia	27.3	...	...	24.9	...	...	...
Brazil	...	...	20.3	...	16	17.2	13.5
Canada	...	...	...	...	...	...	...
Chile	38.3	...	...	34.2	...	...	...
Colombia	...	32.8	...	...	...	...	...
Costa Rica	...	...	18.7	...	...	...	...
Cuba	19.2	...	...	...	14.6	...	...
Dominican Republic	...	...	...	...	14.9	...	...
Ecuador	...	25.1	...	...	...	...	...
El Salvador	...	...	...	19	...	...	...
Guatemala	...	...	16.5	...	...	...	...
Honduras	...	...	...	20.4	...	...	...
Mexico	21.7	...	...	27.5	...	23.2	28.6
Nicaragua	...	...	...	22.3	...	...	...
Panama	...	...	18.6	...	...	...	...
Paraguay	...	...	...	25.7	...	...	...
Peru	21.8	...	16.7	21.2	...	...	...
Uruguay	29.9	...	...	...	...	...	...
Venezuela	...	23.5	...	15.9	...	...	...

THANK YOU

GRACIAS

OBRIGADA

marinhof@paho.org