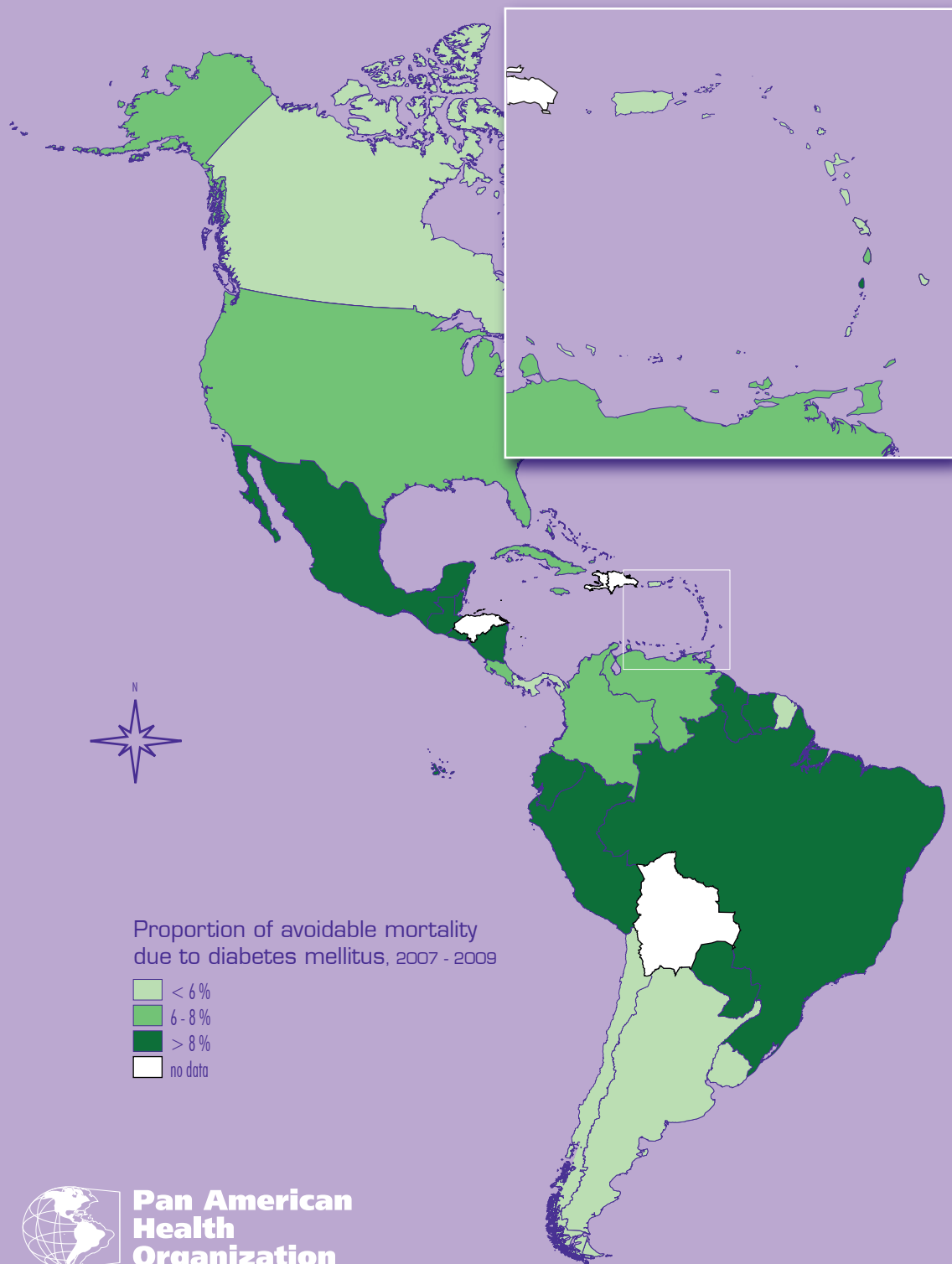


# health situation in the americas Basic Indicators

# 2011



**Pan American  
Health  
Organization**



Regional Office of the  
**World Health Organization**

Office of the Assistant Director  
Health Surveillance and Disease Prevention and Control  
Health Information and Analysis

# preface

The publication “Health Situation in the Americas. Basic Indicators 2011” of the Pan American Health Organization/World Health Organization (PAHO/WHO) presents the latest available information on basic health indicators for 48 countries/territories in the Region of the Americas.

Non-communicable diseases (NCDs) are the leading causes of death in the Americas, accounting for 76% of all deaths during 2007-2009. This proportion equals to 4 million annual deaths since 2000, of which most (69%) occur in middle and low income countries. Given the immense burden that NCDs pose to the people, they have been recognized for their substantial adverse impact on health and society by all countries and the international community. Therefore, the first United Nations High-Level Meeting on Non-Communicable Diseases is being held in September 2011.

Among NCDs, we highlight diabetes mellitus because of its high prevalence. Estimates indicate that around 55 million people live with diabetes in the Region in 2010. This edition includes a thematic map that shows the avoidable mortality from diabetes mellitus for the population under 50 years of age in the Region of the Americas and the mortality trend of diabetes for the past 10 years, showing the different death risks and inequities among countries.

The burden of diabetes in the Americas is high. In 2008, occurred 1.3 million diabetes deaths worldwide (WHO, 2010) of which 20% in the Americas, while our Region accounts only for 14% of the world’s population (PAHO, 2011). Vulnerable populations are most affected by diabetes, as well as premature death. Moreover, diabetes produces a series of complications, such as cardiovascular diseases, neuropathies, kidney disease, visual impairment and blindness, which represent a high cost to the health system.

This regional panorama shows the need to maintain the priorities of action for prevention and control of NCDs, such as integrated and intersectorial interventions, including access to quality health care in a timely and efficient manner. On the other hand, risk factors such as obesity, tobacco use, and inactivity should be addressed and economic and social determinants need to be improved.

The information presented in this brochure has been compiled, processed and reviewed by PAHO/WHO technical staff in collaboration with staff from the ministries of health and planning and statistics offices in the Americas.

For further information, including all basic indicators and their definitions, we invite you to visit PAHO’s Regional Health Observatory website at [www.paho.org/rho](http://www.paho.org/rho).



Mirta/Roses Periago  
Director

For this publication: Latin America includes Mexico, Central American Isthmus, Latin Caribbean, Andean Area, Brazil, and Southern Cone. Latin America and the Caribbean is composed of Latin America and non-Latin Caribbean. Because of their population size, Brazil and Mexico are being shown separately.

# demographic indicators

	1	2	3	4	5	6	7	8	9T	9M	9F
	total population (thousands)	crude birth rate (1,000 pop)	annual births average (thousands)	annual deaths average (thousands)	annual pop growth (%)	total fertility rate (child/woman)	urban population (%)	dependency ratio (100 pop)	life expectancy at birth (years) 2011		
	2011	2011	2011	2011	2011	2011	2011	2011	total	male	female
<b>The Americas</b>	944,154	16.4	15,573.1	6,447.2	1.0	2.1	80.8	51.8	76.1	73.3	79.0
<b>North America</b>	347,504	13.5	4,718.4	2,885.0	0.9	2.0	82.4	49.7	78.8	76.3	81.4
Bermuda	69	11.4	0.8	0.5	0.6	2.0	100.0	49.3	80.7	77.5	84.0
Canada	34,350	11.3	388.4	262.8	0.9	1.7	80.7	44.7	81.1	78.7	83.4
United States of America	313,085	13.8	4,329.2	2,621.7	0.9	2.1	82.6	50.2	78.6	76.0	81.2
<b>Latin America &amp; the Caribbean</b>	596,650	18.0	10,854.7	3,562.2	1.1	2.2	79.7	52.9	74.2	71.2	77.3
<b>Latin America</b>	589,460	18.1	10,736.5	3,510.8	1.1	2.2	80.3	53.1	74.6	71.5	77.7
<b>Mexico</b>	114,793	18.9	2,179.7	549.4	1.2	2.3	78.1	54.3	77.0	74.6	79.4
<b>Central American Isthmus</b>	43,225	25.1	1,096.1	226.1	1.8	3.0	57.3	68.2	73.5	70.3	76.7
Belize	318	24.2	7.8	1.2	2.0	2.7	52.7	62.6	76.1	74.7	77.6
Costa Rica	4,727	15.5	73.6	20.4	1.4	1.8	64.9	45.3	79.4	77.0	81.9
El Salvador	6,227	20.1	125.7	41.0	0.6	2.2	64.8	62.4	72.3	67.4	76.9
Guatemala	14,757	31.8	477.1	80.5	2.5	3.9	50.0	83.5	71.3	67.7	74.8
Honduras	7,755	26.2	204.9	37.5	2.0	3.1	52.2	68.4	73.3	71.0	75.6
Nicaragua	5,870	23.2	137.2	27.5	1.4	2.6	57.7	62.9	74.1	71.1	77.2
Panama	3,571	19.4	69.7	18.1	1.5	2.4	75.4	54.7	76.2	73.7	78.9
<b>Latin Caribbean</b>	36,286	18.0	655.8	270.5	0.7	2.3	70.5	54.9	72.9	70.7	75.2
Cuba	11,254	9.8	109.7	83.9	0.0	1.5	75.2	42.2	79.2	77.2	81.2
Dominican Republic	10,056	21.2	214.7	60.1	1.3	2.5	69.8	59.0	73.5	70.9	76.3
French Guiana	237	24.2	5.8	0.9	2.6	3.2	76.6	60.1	76.5	73.2	80.4
Guadeloupe	463	13.5	6.3	3.3	0.5	2.1	98.4	53.6	79.8	76.0	83.4
Haiti	10,124	26.1	265.8	90.0	1.3	3.2	53.5	66.6	62.2	60.9	63.5
Martinique	407	11.8	4.8	3.2	0.3	1.8	89.0	51.8	80.5	77.2	83.6
Puerto Rico	3,746	13.0	48.8	29.1	-0.1	1.8	98.9	51.2	79.2	75.2	83.1
<b>Andean Area</b>	130,518	20.2	2,654.3	722.5	1.3	2.5	78.4	55.0	73.7	70.7	76.8
Bolivia (Plurinational State of)	10,088	26.1	265.3	72.9	1.6	3.3	67.0	67.9	66.8	64.5	69.1
Colombia	46,927	19.2	906.2	260.6	1.3	2.3	75.4	52.0	73.8	70.2	77.5
Ecuador	14,666	20.2	297.1	74.5	1.3	2.4	67.5	57.0	75.7	72.8	78.7
Peru	29,400	19.9	588.6	161.4	1.1	2.4	77.3	55.7	74.1	71.5	76.7
Venezuela (Bolivarian Republic of)	29,437	20.2	597.2	153.1	1.5	2.4	93.6	53.7	74.5	71.6	77.5
<b>Brazil</b>	196,655	15.2	3,005.4	1,261.1	0.9	1.8	86.9	47.5	73.7	70.3	77.1
<b>Southern Cone</b>	67,982	16.8	1,145.1	481.3	0.9	2.2	88.8	53.2	76.5	73.1	79.9
Argentina	40,765	16.9	692.0	315.6	0.9	2.2	92.6	54.7	76.0	72.2	79.7
Chile	17,270	14.2	245.4	98.2	0.9	1.8	89.2	45.6	79.2	76.1	82.2
Paraguay	6,568	23.9	158.4	36.1	1.7	2.9	62.1	62.3	72.6	70.6	74.7
Uruguay	3,380	14.6	49.5	31.3	0.3	2.1	92.6	56.6	77.1	73.5	80.5
<b>Non-Latin Caribbean</b>	7,190	16.4	118.2	51.3	0.5	2.1	46.7	50.4	72.8	70.0	75.7
Anguilla	15	12.9	0.2	0.1	2.2	1.8	100.0	46.8	80.9	78.3	83.5
Antigua & Barbuda	88	16.3	1.4	0.5	1.3	2.1	30.5	48.5	75.5	73.5	77.6
Aruba	106	12.8	1.4	0.8	1.4	1.8	47.0	42.2	75.7	72.7	78.8
Bahamas	347	15.3	5.3	1.9	1.2	1.9	84.3	41.4	75.7	72.5	78.6
Barbados	287	12.4	3.5	2.4	0.4	1.7	45.1	40.3	74.3	72.1	76.6
Cayman Islands	51	12.2	0.6	0.3	2.3	1.9	100.0	40.7	80.7	78.0	83.4
Dominica	73	15.6	1.1	0.6	0.2	2.1	67.4	49.7	76.0	73.0	79.1
Grenada	108	17.0	1.8	0.9	0.6	2.2	39.8	52.3	73.0	70.5	75.8
Guyana	756	17.7	13.4	4.4	0.2	2.2	28.8	58.6	70.0	66.9	73.1
Jamaica	2,751	18.2	50.0	19.9	0.4	2.3	52.1	57.2	73.2	70.7	75.8
Montserrat	5	11.7	0.1	0.0	0.5	1.3	14.5	50.1	73.2	75.0	71.2
Netherlands Antilles	230	13.9	3.2	1.5	0.7	2.0	93.4	47.4	77.0	74.7	79.5
Saint Kitts & Nevis	50	14.1	0.7	0.4	0.8	1.8	32.6	43.6	74.6	72.3	77.0
Saint Lucia	162	14.6	2.4	1.1	0.4	1.8	28.2	48.2	76.8	74.2	79.7
Saint Vincent & the Grenadines	104	14.6	1.5	0.7	-0.3	1.9	49.8	48.3	74.2	72.3	76.1
Suriname	529	18.0	9.6	3.8	0.9	2.3	69.8	53.0	70.7	67.5	74.0
Trinidad & Tobago	1,346	14.4	19.4	11.0	0.3	1.6	14.3	38.4	70.2	66.7	73.6
Turks & Caicos Islands	45	17.8	0.8	0.1	3.5	1.7	93.7	36.6	79.1	76.4	82.0
Virgin Islands (UK)	25	14.5	0.4	0.1	1.7	1.7	41.4	35.0	77.6	76.3	79.0
Virgin Islands (US)	110	11.4	1.3	0.8	-0.1	1.8	95.4	53.4	79.3	76.3	82.6

BI 1-9: countries under 300,000 inhabitants: US Census Bureau, otherwise: United Nations (UN) estimates. Both agencies are currently reviewing the population projections taking into account the last census.

BI 2-9: linear interpolation of UN data.

# mortality indicators

	10		11		12		13	14 15			16	17			
	maternal mortality ratio (100,000 lb) or number of deaths (N <sup>o</sup> )		maternal mortality ratio estimated, WHO (100,000 lb)		infant mortality rate (1,000 lb) or number of deaths (N <sup>o</sup> )			< 5 mortality estimated, WHO (1,000 lb) 2009	registered deaths < 5 due to				ill-defined and unknown causes (%) 2009	mortality under-registration (%) (2007-09)	
	ratio	(N <sup>o</sup> ) year	2008		rate	(N <sup>o</sup> ) year			ADD (%)	ARI (%)					year
<b>The Americas</b>	...		66	14.8			18	2.2	5.6		3.7	7.3			
<b>North America</b>	12.2		23	6.5			8	0.1	1.2		1.4	1.7			
Bermuda	-	2009	...	na	4	2008	...	-	-	2008	3.3 <sup>a</sup>	6.7 <sup>d</sup>			
Canada	6.5	2007	12 (7-20)	5.1		2007	6	0.2	1.4	2007	1.1 <sup>b</sup>	3.0 <sup>e</sup>			
United States of America	12.7	2007	24 (20-27)	6.6		2008	8	0.1	1.2	2007	1.4 <sup>b</sup>	1.6 <sup>e</sup>			
<b>Latin America &amp; the Caribbean</b>	...		...	...			23	3.3	7.6		5.3	10.8			
<b>Latin America</b>	74.3		85	18.7			23	3.3	7.7		5.4	10.7			
<b>Mexico</b>	62.2	2009	85 (74-95)	14.7		2009	17	2.7	6.7	2009	2.0	0.5			
<b>Central American Isthmus</b>	...		102	25.9			31	8.9	18.6		6.9	19.0			
Belize	na	4 2010	94 (56-140)	17.9		2009	18	5.7	8.6	2009	0.9	19.0			
Costa Rica	na	15 2010	44 (24-82)	9.4		2010	11	1.4	2.0	2009	2.8	14.8			
El Salvador	83.7	2010	110 (71-170)	21.5		2007	17	5.3	13.8	2009	15.6	24.7			
Guatemala	139.0	2007	110 (56-190)	30.0		2008	40	12.0	27.1	2009	7.1	12.7			
Honduras	...		110 (71-180)	25.1		2010	30	...	...		...	...			
Nicaragua	...		100 (57-180)	...			26	5.6	10.7	2009	2.7	34.9			
Panama	...		71 (58-84)	...			23	10.3	7.3	2009	3.5	14.4			
<b>Latin Caribbean</b>	...		169	18.1			52	...	...		...	...			
Cuba	43.1	2010	53 (36-76)	4.5		2010	6	1.4	8.8	2009	0.7	-			
Dominican Republic	125.9	2010	100 (62-170)	27.8		2010	32	...	...		...	...			
French Guiana	na	3 2008	...	10.4		2009	...	...	...		...	...			
Guadeloupe	...		...	8.7		2009	...	...	...		...	...			
Haiti	...		300 (180-520)	...			87	...	...		...	...			
Martinique	na	4 2007	...	9.3		2009	...	...	...		...	...			
Puerto Rico	na	5 2008	18 (12-26)	8.8		2008	...	-	1.6	2007	0.8 <sup>b</sup>	3.8 <sup>e</sup>			
<b>Andean Area</b>	79.3		100	22.5			23	3.8	8.8		2.7	23.7			
Bolivia (Plurinational State of)	...		180 (120-280)	50.0		2003-08	51	...	...	...	...	...			
Colombia	75.6	2007	85 (74-94)	20.6		2008	19	2.7	6.9	2008	1.9 <sup>a</sup>	21.9 <sup>d</sup>			
Ecuador	96.3	2009	140 (81-230)	...			24	3.7	12.7	2009	9.7	17.4			
Peru	93.0	2006-10	98 (62-160)	20.0		2007	21	3.0	12.2	2007	...	42.3 <sup>e</sup>			
Venezuela (Bolivarian Republic of)	62.9	2008	68 (59-75)	15.8		2008	18	6.1	6.2	2007	0.6 <sup>b</sup>	11.1 <sup>e</sup>			
<b>Brazil</b>	72.3	2009	58 (38-87)	19.1		2009	21	2.5	5.4	2009	7.5	8.8 <sup>h</sup>			
<b>Southern Cone</b>	56.6		62	10.8			15	1.4	5.4		7.5	6.4			
Argentina	55.0	2009	70 (61-77)	12.1		2009	15	1.2	5.5	2009	8.6	4.7			
Chile	16.6	2009	26 (15-43)	7.9		2009	9	0.4	4.2	2008	2.8 <sup>a</sup>	1.3 <sup>d</sup>			
Paraguay	125.3	2009	95 (57-150)	...			23	3.9	6.7	2009	12.8	33.1			
Uruguay	na	4 2010	27 (22-33)	7.7		2010	13	1.6	7.0	2009	8.3	1.4			
<b>Non-Latin Caribbean</b>	...		...	...			29	1.3	2.9		2.6	20.0			
Anguilla	na	1 2010	...	...			...	...	...		...	...			
Antigua & Barbuda	na	1 2010	...	na	18	2010	12	-	-	2009	1.0	3.3			
Aruba	-	2009	...	na	5	2009	...	-	-	2009	5.9	26.5			
Bahamas	na	3 2008	49 (38-57)	21.1		2009	12	-	11.6	2008	1.7 <sup>a</sup>	10.2 <sup>d</sup>			
Barbados	na	3 2009	64 (55-72)	10.9		2009	11	-	5.3	2008	2.4 <sup>a</sup>	1.5 <sup>d</sup>			
Cayman Islands	-	2010	...	na	2	2010	...	-	-	2008	2.0 <sup>a</sup>	29.8 <sup>d</sup>			
Dominica	na	2 2010	...	na	13	2010	10	-	4.0	2009	2.0	7.5			
Grenada	-	2010	...	12.1		2010	15	-	-	2009	1.8	1.8			
Guyana	na	14 2009	270 (180-410)	...			35	6.1	4.2	2008	0.7 <sup>a</sup>	20.3 <sup>d</sup>			
Jamaica	146	2010	89 (60-120)	24.1		2008	31	1.1	1.3	2006	2.2 <sup>c</sup>	31.9 <sup>c</sup>			
Montserrat	-	2010	...	na	1	2010	...	-	-	2009	-	-			
Netherlands Antilles	...		...	...			...	...	...		...	...			
Saint Kitts & Nevis	na	1 2010	...	na	12	2010	15	-	-	2008	0.5 <sup>a</sup>	- <sup>d</sup>			
Saint Lucia	na	1 2008	...	...			20	-	5.4	2006	8.1 <sup>c</sup>	- <sup>f</sup>			
Saint Vincent & the Grenadines	na	2 2010	...	16.8		2010	12	-	-	2009	3.4	-			
Suriname	na	12 2009	100 (86-110)	20.3		2009	26	1.8	4.4	2009	8.3	26.1			
Trinidad & Tobago	na	3* 2009	55 (35-82)	13.2 <sup>*</sup>		2009	35	-	4.0	2007	1.7 <sup>b</sup>	8.2 <sup>e</sup>			
Turks & Caicos Islands	-	2010	...	na	4	2010	...	-	-	2009	8.2	34.4			
Virgin Islands (UK)	-	2010	...	na	7	2010	...	-	-	2009	10.0	7.6 <sup>g</sup>			
Virgin Islands (US)	...		...	na	6	2008	...	-	-	2007	2.4 <sup>b</sup>	1.2 <sup>e</sup>			

BI 10,12: (\*) preliminary data.

BI 11: (95% confidence interval.)

BI 16-17: (a) value 2008; (b) value 2007; (c) value 2006; (d) value 2006-2008; (e) value 2005-2007; (f) value 2005-2006; (g) value 2006, 2008, 2009; (h) country reported data.

# mortality indicators

	18Tc	18Ta	18Mc 18Ma 18Fc 18Fa				19Tc 19Ta 19Mc 19Ma 19Fc 19Fa					
	general mortality rate (all causes) (1,000 pop) (2007-2009)						mortality rate from communicable diseases (100,000 pop) (2007-2009)					
	total		male		female		total		male		female	
	corrected	adjusted	corrected	adjusted	corrected	adjusted	corrected	adjusted	corrected	adjusted	corrected	adjusted
<b>The Americas</b>	6.6	6.3	7.1	7.3	6.1	5.3	51.3	51.5	55.2	59.2	47.7	44.5
<b>North America</b>	7.7	5.6	7.8	6.2	7.7	4.9	40.0	28.8	39.7	31.9	40.2	25.9
Bermuda <sup>a</sup>	6.3	4.3	7.0	5.4	5.6	3.3	35.9	30.4	43.3	40.0	28.9	22.4
Canada <sup>b,*</sup>	6.8	4.6	6.9	5.1	6.7	4.1	30.6	20.3	29.3	21.7	31.8	18.9
United States of America <sup>b,*</sup>	7.8	5.7	7.9	6.4	7.8	5.0	41.0	29.8	40.8	33.0	41.1	26.7
<b>Latin America &amp; the Caribbean</b>	5.8	6.7	6.6	8.0	5.0	5.5	58.4	65.8	64.8	76.4	52.3	56.2
<b>Latin America</b>	5.8	6.7	6.6	8.0	5.0	5.6	58.7	66.2	65.2	76.9	52.6	56.6
<b>Mexico <sup>*</sup></b>	4.8	5.8	5.4	6.8	4.2	4.9	31.6	36.6	36.8	43.5	26.6	30.2
<b>Central American Isthmus</b>	5.5	7.1	6.4	8.4	4.5	5.9	80.1	93.7	90.3	106.6	70.6	82.2
Belize	4.5	7.0	5.2	8.2	3.8	5.9	65.4	94.1	79.4	119.0	51.2	70.1
Costa Rica <sup>*</sup>	3.5	4.3	4.0	5.0	3.1	3.6	16.0	18.9	18.0	21.8	13.9	16.1
El Salvador	6.9	7.9	8.3	9.9	5.7	6.2	78.4	87.5	89.5	103.9	68.3	73.7
Guatemala	5.9	8.0	7.0	9.4	4.7	6.6	119.3	140.7	134.1	158.2	106.0	125.7
Honduras	...	...	...	...	...	...	...	...	...	...	...	...
Nicaragua	4.9	7.0	5.6	8.1	4.1	6.0	43.8	54.0	49.8	61.6	38.0	46.7
Panama	5.2	6.1	5.9	7.1	4.5	5.2	66.9	74.3	79.5	89.2	54.3	59.5
<b>Latin Caribbean</b>	...	...	...	...	...	...	...	...	...	...	...	...
Cuba <sup>*</sup>	7.5	5.7	8.1	6.4	7.0	5.1	54.5	41.3	57.5	45.9	51.5	36.8
Dominican Republic	...	...	...	...	...	...	...	...	...	...	...	...
French Guiana	...	...	...	...	...	...	...	...	...	...	...	...
Guadeloupe	...	...	...	...	...	...	...	...	...	...	...	...
Haiti	...	...	...	...	...	...	...	...	...	...	...	...
Martinique	...	...	...	...	...	...	...	...	...	...	...	...
Puerto Rico <sup>b,*</sup>	7.3	5.4	8.4	6.8	6.3	4.2	65.9	49.9	78.7	64.9	54.1	37.1
<b>Andean Area</b>	5.4	6.9	6.2	8.1	4.6	5.7	62.5	76.9	71.1	89.8	54.1	64.9
Bolivia (Plurinational State of)	...	...	...	...	...	...	...	...	...	...	...	...
Colombia <sup>a</sup>	5.6	7.1	6.5	8.6	4.6	5.8	43.2	51.5	51.9	63.3	34.8	40.8
Ecuador	5.3	6.2	6.0	7.3	4.6	5.3	62.3	70.8	70.3	81.8	54.4	60.3
Peru <sup>b</sup>	5.3	6.8	5.9	7.8	4.7	5.8	114.7	145.5	126.0	165.5	103.6	126.9
Venezuela (Bolivarian Republic of) <sup>b</sup>	5.2	6.8	6.1	8.1	4.3	5.6	41.3	51.9	46.9	59.8	35.8	44.4
<b>Brazil</b>	6.5	7.4	7.5	8.9	5.6	6.1	66.1	74.8	73.1	86.3	59.5	64.5
<b>Southern Cone</b>	6.5	5.9	7.0	7.2	6.1	4.9	65.4	57.9	66.5	67.4	64.3	50.0
Argentina <sup>*</sup>	7.0	6.0	7.5	7.4	6.5	4.9	81.3	68.6	82.0	80.6	80.6	58.9
Chile <sup>a,*</sup>	5.1	4.9	5.6	5.9	4.7	4.1	30.8	29.8	32.0	34.3	29.6	25.6
Paraguay	5.7	7.4	6.1	8.2	5.2	6.7	58.7	72.0	64.4	80.1	53.5	64.4
Uruguay	9.7	6.7	10.2	8.2	9.2	5.5	62.7	44.9	62.5	52.3	63.1	38.6
<b>Non-Latin Caribbean</b>	5.9	6.5	6.5	7.8	5.3	5.4	52.2	56.3	58.9	67.3	45.7	46.7
Anguilla	...	...	...	...	...	...	...	...	...	...	...	...
Antigua & Barbuda <sup>**</sup>	5.8	6.7	6.6	8.1	5.0	5.5	62.3	72.4	79.6	97.8	46.6	51.7
Aruba <sup>**</sup>	5.0	4.3	5.6	5.2	4.4	3.6	37.0	32.9	47.5	44.4	27.3	23.7
Bahamas <sup>a,**</sup>	5.3	6.0	5.9	7.1	4.6	5.0	70.4	75.1	82.2	90.5	59.1	61.2
Barbados <sup>a,*</sup>	9.1	7.6	9.4	9.5	8.7	6.3	108.4	91.0	105.1	106.3	111.5	80.0
Cayman Islands <sup>a,**</sup>	3.2	3.0	3.9	3.7	2.6	2.4	17.8	22.3	19.0	29.8	16.8	15.2
Dominica <sup>**</sup>	7.4	6.5	7.6	7.4	7.2	5.6	57.5	54.2	66.6	70.5	48.2	37.9
Grenada <sup>*</sup>	7.5	8.6	7.9	10.4	7.0	7.2	73.4	84.2	77.9	102.8	68.8	68.4
Guyana <sup>a,**</sup>	6.5	7.8	7.2	8.7	5.7	6.7	92.2	103.8	106.6	120.9	77.1	85.9
Jamaica <sup>c,**</sup>	5.0	5.4	5.2	6.1	4.7	4.9	32.2	34.8	35.6	40.0	29.1	29.9
Montserrat <sup>*</sup>	8.8	10.9	10.3	11.7	7.3	11.9	40.9	103.8	27.0	43.9	54.9	328.0
Netherlands Antilles	...	...	...	...	...	...	...	...	...	...	...	...
Saint Kitts & Nevis <sup>a,*</sup>	7.4	7.9	8.1	9.3	6.8	6.7	33.6	51.6	33.0	55.1	34.1	48.3
Saint Lucia <sup>d,*</sup>	5.9	6.8	6.8	8.2	5.0	5.6	49.4	57.4	46.7	56.5	51.9	57.9
Saint Vincent & the Grenadines <sup>*</sup>	7.0	7.9	7.3	8.7	6.6	7.1	71.5	79.3	79.9	92.5	62.9	66.5
Suriname <sup>**</sup>	5.0	5.9	5.8	7.3	4.2	4.6	59.7	66.7	69.2	81.6	50.1	53.4
Trinidad & Tobago <sup>b,*</sup>	7.2	8.3	8.5	11.1	6.0	6.2	53.4	57.3	63.4	73.5	44.0	44.3
Turks & Caicos Islands <sup>**</sup>	2.2	3.2	2.6	3.8	1.8	2.7	29.8	58.5	25.9	50.3	34.0	65.8
Virgin Islands (UK) <sup>e,*</sup>	3.7	4.6	4.3	5.2	3.1	4.0	20.9	73.2	21.8	76.2	20.0	70.2
Virgin Islands (US) <sup>b,*</sup>	5.9	4.7	7.1	5.9	4.9	3.6	31.6	29.7	33.9	32.8	29.5	27.0

BI 18-28: (a) value 2006-2008; (b) value 2005-2007; (c) value 2006; (d) value 2005-2006; (e) value 2006, 2008, 2009; (\*) observed rates, high quality data; (\*\*) observed rates without input for correction.

# mortality indicators

20Tc		20Ta		20Mc		20Ma		20Fc		20Fa		21Tc		21Ta		21Mc		21Ma		21Fc		21Fa		22		23		24		25	
mortality rate from malignant neoplasms (100,000 pop) (2007-2009)						mortality rate from external causes (100,000 pop) (2007-2009)						corrected mortality rate (2007-2009)						rate ratio homicide mortality male:female (2007-09)													
total		male		female		total		male		female		(100,000 pop)		(100,000 male pop)				rate ratio													
corrected		adjusted		corrected		adjusted		corrected		adjusted		corrected		land		transport		male		homicide		rate ratio									
												suicide		accidents		male		homicide		rate ratio		rate ratio									
												suicide		accidents		male		homicide		rate ratio		rate ratio									
130.1	118.8	135.9	134.9	124.6	106.6	67.8	67.1	105.8	106.7	30.4	28.7	7.8	17.0	30.0	7.4																
185.7	131.3	195.9	152.4	175.9	115.2	56.9	51.5	79.2	73.9	35.3	29.7	10.9	14.5	8.8	3.8																
153.4	102.0	171.0	125.9	137.0	83.1	37.9	35.2	63.9	61.9	13.5	9.4	1.5	21.4	-	-																
206.8	136.8	219.9	158.3	194.1	120.2	41.6	35.2	56.1	49.4	27.5	21.2	11.1	9.2	2.4	2.9																
183.4	130.8	193.2	151.7	173.9	114.6	58.6	53.3	81.7	76.6	36.2	30.6	10.9	15.1	9.5	3.9																
94.0	110.1	96.9	123.0	91.3	100.6	74.6	76.9	122.7	127.5	27.1	28.1	5.7	18.5	43.5	9.7																
94.4	110.7	97.3	123.5	91.8	101.2	74.8	77.2	123.1	128.0	27.2	28.1	5.7	18.6	43.7	9.8																
60.9	75.4	60.4	79.6	61.5	72.3	54.1	56.9	88.4	93.9	20.7	22.0	4.3	15.4	22.9	8.9																
68.7	98.8	66.1	99.7	71.9	99.0	86.1	98.6	143.1	168.2	30.0	33.7	6.6	12.8	61.5	8.3																
54.8	96.0	57.8	109.6	51.6	84.6	79.3	90.6	128.0	147.0	29.7	34.4	3.8	20.6	29.7	6.0																
76.6	93.9	83.0	109.9	70.0	80.3	44.0	46.7	68.3	72.2	18.9	20.7	6.0	13.7	13.8	7.9																
88.5	105.5	77.3	97.5	100.1	113.7	127.3	135.9	221.3	245.1	41.4	42.9	10.8	30.2	128.8	8.6																
56.6	96.6	53.5	94.8	60.6	99.6	96.4	117.9	161.0	203.5	32.8	38.8	3.5	3.0	70.3	7.5																
60.9	96.0	56.2	93.9	65.6	98.2	68.0	75.8	110.5	125.1	25.7	28.5	11.4	16.9	28.2	10.0																
87.6	106.9	92.2	117.7	82.7	96.8	58.1	60.4	96.6	100.5	19.1	20.0	5.7	14.4	35.8	9.3																
187.8	143.3	213.3	168.5	162.2	120.5	60.3	49.7	74.9	65.1	45.7	34.1	12.4	9.1	7.3	3.0																
123.9	88.7	145.3	112.3	104.2	70.7	56.0	53.0	97.0	94.2	18.2	14.9	7.0	12.2	36.0	14.9																
89.7	121.0	86.9	127.1	92.1	116.2	91.5	95.5	153.2	160.7	31.5	33.2	5.1	19.2	60.7	11.7																
90.8	121.9	88.2	130.8	92.7	115.2	105.6	108.4	187.6	193.9	28.3	29.6	7.0	20.4	104.2	13.3																
84.5	104.4	81.8	106.7	87.0	102.7	81.9	86.7	131.4	140.7	31.4	32.6	8.6	25.3	36.7	9.6																
100.1	136.6	95.4	139.2	101.9	131.5	67.3	72.4	96.6	106.3	39.4	41.4	1.7	8.8	5.0	5.5																
80.2	112.5	78.8	119.3	83.7	109.4	98.2	102.3	166.8	173.1	28.7	31.1	3.6	24.8	60.2	16.3																
106.6	122.3	113.4	141.7	100.5	107.5	82.9	83.3	136.9	137.6	28.9	29.6	5.6	22.9	53.8	10.5																
137.7	124.7	148.0	150.8	127.8	106.7	51.0	50.0	77.6	78.1	24.4	22.4	8.8	13.6	9.9	6.3																
143.2	124.0	155.9	153.7	130.8	103.5	48.0	46.5	72.7	72.6	24.2	21.6	7.5	11.1	7.6	5.6																
125.3	120.0	130.4	140.1	120.3	105.6	46.8	45.5	74.0	73.5	20.1	18.8	11.5	13.5	8.5	7.2																
82.7	118.8	81.5	125.1	86.9	117.5	75.2	81.1	110.6	119.5	31.8	34.5	6.5	28.7	28.1	9.3																
242.0	168.4	279.7	223.5	206.0	129.4	61.5	54.8	90.6	85.5	34.4	26.9	16.2	13.5	7.4	3.7																
99.1	109.4	111.3	136.9	87.3	90.0	69.9	70.5	113.2	115.0	27.5	27.8	11.5	15.4	33.3	6.3																
105.3	124.5	129.3	163.1	83.5	94.2	49.3	51.4	81.2	85.4	20.3	21.8	0.4	3.2	-	-																
136.3	115.9	152.4	138.5	121.5	98.4	43.7	40.4	66.0	61.9	23.1	20.5	5.1	16.4	6.6	5.4																
95.3	111.3	95.9	127.4	94.8	101.1	59.8	60.2	102.2	103.5	19.0	19.4	1.1	14.2	40.4	10.3																
185.7	150.8	206.2	205.7	166.4	120.1	37.3	34.5	61.3	57.6	14.7	12.8	1.3	7.2	30.3	9.2																
89.2	83.8	113.9	107.0	65.6	62.8	45.7	46.9	76.0	78.7	16.8	16.6	2.1	24.3	7.3	2.6																
145.3	129.8	187.0	184.6	102.9	86.1	27.1	27.9	43.8	45.8	10.2	10.4	2.8	6.4	2.7	3.0																
151.0	176.7	174.6	237.2	127.4	134.1	43.1	45.3	65.7	72.0	20.6	20.3	1.0	5.5	-	-																
54.1	66.3	48.8	64.9	59.8	69.9	91.0	95.9	138.0	145.3	41.7	43.6	24.3	21.6	26.5	4.2																
102.8	114.5	120.6	142.8	85.7	91.8	27.2	125.9	54.1	257.6	-	-	-	-	13.5	-																
149.8	247.3	216.3	357.4	82.3	137.0	84.2	84.1	147.1	146.7	21.8	22.1	0.7	14.4	24.7	-																
99.4	119.3	124.8	157.3	75.0	87.2	49.1	49.6	87.9	89.3	11.8	12.6	1.8	8.1	24.0	-																
101.7	116.2	108.3	133.9	95.0	103.1	55.9	56.4	93.8	94.9	17.3	17.3	4.9	6.7	28.4	3.5																
65.6	79.5	69.3	94.4	61.9	68.7	75.5	79.9	113.2	122.1	37.5	39.1	25.7	19.2	8.4	2.8																
103.2	119.1	114.3	161.5	92.7	93.8	78.5	75.6	132.6	128.5	27.2	26.9	10.3	16.8	56.3	8.9																
22.4	51.6	23.0	48.0	21.6	56.6	46.2	50.2	74.9	81.3	15.5	16.6	1.5	11.9	8.6	2.8																
83.7	112.3	95.4	122.3	71.5	101.2	40.5	45.4	60.0	62.3	20.0	28.1	-	2.8	2.7	1.0																
105.7	79.7	126.7	97.6	86.7	65.4	72.0	74.0	124.1	132.7	24.9	22.5	-	8.8	71.0	12.3																

# mortality indicators

mortality rate from diabetes mellitus (100,000 pop) (2007-2009)						mortality rate from ischemic heart diseases (100,000 pop) (2007-2009)						mortality rate from cerebrovascular diseases (100,000 pop) (2007-2009)					
26Tc	26Ta	26Mc	26Ma	26Fc	26Fa	27Tc	27Ta	27Mc	27Ma	27Fc	27Fa	28Tc	28Ta	28Mc	28Ma	28Fc	28Fa
total		male		female		total		male		female		total		male		female	
corrected	adjusted	corrected	adjusted	corrected	adjusted	corrected	adjusted	corrected	adjusted	corrected	adjusted	corrected	adjusted	corrected	adjusted	corrected	adjusted
31.3	32.8	29.7	32.7	33.4	33.0	87.4	76.4	96.2	92.5	78.8	62.5	45.1	43.1	41.3	44.3	48.9	42.1
23.8	15.7	23.9	17.5	23.7	14.2	136.3	90.8	145.7	109.0	127.1	75.4	45.0	29.6	36.5	27.0	53.4	31.3
31.9	20.3	23.7	17.5	39.5	22.0	118.6	71.9	140.1	94.8	98.4	54.9	51.3	32.4	54.6	40.1	48.2	26.7
23.0	14.3	24.1	16.6	22.0	12.4	108.6	68.1	117.4	81.5	100.1	56.2	41.4	25.7	35.5	24.6	47.2	26.4
23.9	15.9	23.9	17.6	23.9	14.4	139.3	93.3	148.8	112.1	130.0	77.5	45.4	30.0	36.6	27.3	54.1	31.9
36.0	43.5	33.1	42.1	39.2	44.7	55.8	66.7	64.1	81.5	47.6	54.0	44.8	51.4	44.0	55.0	45.7	48.7
36.0	43.5	33.0	42.1	39.2	44.7	56.0	67.0	64.4	81.9	47.8	54.3	44.9	51.6	44.1	55.1	45.8	48.8
68.1	83.3	65.5	83.7	70.6	82.8	54.1	66.9	61.7	79.7	46.8	55.5	27.5	33.6	26.5	34.2	28.4	32.9
28.9	43.4	24.3	37.7	33.7	48.8	41.9	60.1	46.0	68.5	38.0	52.7	24.4	35.2	23.7	35.7	25.3	34.7
38.0	66.5	27.7	51.7	48.5	80.6	30.9	57.1	33.2	63.8	28.6	50.9	25.7	47.4	25.3	48.7	26.2	46.1
14.5	17.6	12.3	15.7	16.7	19.3	48.4	60.5	57.1	75.4	39.5	46.7	21.3	26.3	19.9	26.2	22.7	26.2
33.2	37.9	26.1	31.3	40.5	44.0	56.0	63.4	59.6	71.9	52.8	56.5	22.4	24.7	20.1	23.6	24.7	25.8
28.9	49.5	24.8	43.3	33.2	55.4	25.5	43.2	28.2	48.9	23.1	38.3	16.4	27.3	16.2	27.7	16.8	27.0
35.1	57.8	30.5	51.7	39.7	63.4	54.2	92.7	56.2	99.8	52.4	86.5	32.8	55.6	32.0	57.2	33.7	54.2
29.1	35.9	25.0	31.7	33.9	40.5	57.2	70.2	65.1	82.0	48.9	58.6	51.5	63.0	51.2	64.9	52.1	61.4
20.0	14.2	14.8	10.8	25.3	17.3	140.1	100.5	147.9	111.2	132.2	90.4	80.6	57.4	78.1	58.4	83.0	56.3
68.7	46.3	69.8	51.9	67.7	41.8	100.7	67.4	118.7	87.7	84.1	51.3	40.1	26.2	40.7	29.4	39.6	23.6
22.7	30.9	20.6	29.6	25.0	32.2	58.7	82.0	66.1	97.9	51.3	68.2	35.7	47.4	34.3	48.2	37.4	47.0
19.6	27.1	16.8	25.1	22.6	29.1	74.1	104.5	81.7	124.7	66.8	88.3	38.7	53.0	35.0	52.3	42.5	54.1
35.1	42.4	31.9	40.2	38.3	44.3	25.6	29.9	30.8	37.2	20.5	23.3	34.1	39.3	34.5	41.5	33.7	37.3
11.4	15.7	11.3	16.3	11.6	15.0	27.8	37.4	31.8	44.6	24.2	31.3	26.6	30.6	28.5	34.1	24.7	27.5
32.6	46.4	30.1	44.8	35.8	48.4	81.4	116.7	93.5	139.4	68.7	95.1	41.0	59.3	38.8	59.2	43.7	59.6
31.6	35.7	27.3	33.1	36.1	38.0	60.4	67.2	70.3	83.5	50.7	53.3	62.2	69.8	62.3	76.8	62.3	64.3
22.1	21.0	21.6	22.7	22.7	20.0	49.1	43.8	58.5	59.1	40.0	31.5	51.2	45.0	49.6	50.2	52.8	40.9
20.2	16.4	20.9	20.0	19.4	13.7	46.8	38.1	56.2	53.6	37.7	26.0	48.2	38.3	47.7	44.8	48.6	33.3
20.0	18.8	19.8	21.1	20.2	17.1	47.1	43.8	56.6	58.6	37.9	31.8	46.8	43.3	46.1	48.5	47.4	39.2
39.6	58.8	30.2	46.2	50.2	71.4	50.3	73.3	57.0	85.1	42.9	61.2	55.5	81.1	52.3	80.4	59.3	82.2
22.6	14.3	21.1	16.0	24.0	13.1	85.4	54.8	98.2	75.8	73.6	39.4	102.5	63.7	86.6	65.1	117.9	62.6
61.0	71.1	56.3	69.2	73.5	73.7	63.4	70.4	70.8	87.6	56.2	57.0	63.8	70.5	61.2	75.8	66.3	66.8
50.9	59.4	46.4	60.3	54.9	59.0	69.0	82.2	71.3	90.3	67.0	75.5	37.1	41.2	43.1	49.2	31.6	34.8
36.7	30.2	33.0	28.7	40.1	31.1	37.6	30.7	48.2	42.4	28.0	21.2	43.0	36.5	36.3	33.6	49.2	38.9
27.9	32.3	24.9	32.2	30.7	32.2	44.8	51.5	50.4	63.4	39.4	41.5	38.0	42.1	41.0	49.5	35.1	36.2
95.1	74.6	83.0	81.2	106.5	70.8	66.9	52.6	73.8	71.2	60.5	40.3	73.6	57.2	68.6	67.0	78.3	50.4
3.6	9.2	2.9	8.6	4.2	9.7	37.1	31.1	52.6	44.8	22.3	18.7	7.9	11.7	13.1	19.8	2.8	4.5
65.3	57.4	46.5	46.0	84.3	67.4	48.3	40.7	42.0	40.8	54.7	39.0	92.9	76.8	71.1	66.7	114.9	82.9
72.8	85.1	52.2	70.9	93.3	96.0	63.4	68.5	65.7	80.8	61.1	59.0	68.6	77.5	62.5	82.6	74.6	73.0
54.9	64.3	46.5	56.0	63.6	72.9	80.9	98.3	89.8	109.8	71.5	85.7	70.3	87.4	70.2	91.2	70.3	83.5
63.2	67.5	48.2	55.4	77.6	77.8	38.5	41.0	38.9	44.7	38.0	37.5	64.9	69.2	58.8	67.7	70.7	70.4
143.0	202.3	121.7	158.0	164.7	326.9	122.6	242.5	202.8	350.3	41.2	103.8	61.3	160.8	67.6	152.5	54.9	328.0
72.6	77.0	56.4	66.2	88.7	84.3	67.8	76.3	66.0	79.8	69.6	73.8	104.8	109.1	90.7	102.7	118.8	113.4
53.0	61.6	38.7	47.5	66.7	73.3	34.6	40.3	44.9	53.9	24.8	28.3	59.3	68.1	58.4	72.6	60.2	64.1
40.6	43.9	32.7	38.2	48.8	48.9	108.1	122.0	101.6	125.5	114.8	118.5	80.7	92.5	67.8	85.1	93.8	98.5
32.7	37.7	32.3	40.1	33.1	35.5	47.0	53.1	58.2	71.5	35.8	37.4	72.0	86.5	75.1	100.5	68.9	74.7
103.0	119.1	103.9	142.7	102.1	103.2	115.5	134.5	137.7	189.3	94.4	96.6	66.1	77.6	67.3	95.4	65.0	65.8
3.0	24.0	-	-	6.2	40.9	16.4	52.4	20.2	57.7	12.4	46.0	-	-	-	-	-	-
30.7	41.1	32.7	42.9	28.6	39.4	20.9	51.0	27.3	63.6	14.3	36.2	5.6	21.7	5.5	20.9	5.7	22.5
38.6	26.3	41.0	28.7	36.4	24.2	125.5	88.1	136.3	100.2	115.7	77.4	35.8	24.3	34.6	23.8	37.0	24.6

# morbidity indicators

	29 tuberculosis incidence rate (1) (100,000 pop)		31 malaria risk areas pop (%)	32 malaria API (1,000 pop)	33 malaria reported cases	34 dengue reported cases	35 aids incidence rate (100,000 pop)	36 male:female ratio of aids cases	37 proportion of low birthweight (<2,500 g) (%)
	2009								
	total	SS+							
<b>The Americas</b>	23.5	12.1	...	...	637,801	1,699,072	10.7	2.7	8.2
<b>North America</b>	3.8	1.3	...	...	...	67	10.2	3.1	8.0
Bermuda	...	...	-	-	...	2	14.6 <sup>b</sup>	...	8.2
Canada	4.5	1.4	-	-	...	-	0.7	4.3	6.0
United States of America	3.8	1.3	-	-	...	65	11.2	3.0	8.2
<b>Latin America &amp; the Caribbean</b>	34.8	18.8	12.7	7.9	637,801	1,699,005	10.8	2.3	8.3
<b>Latin America</b>	35.1	19.0	12.8	8.0	614,391	1,681,377	10.7	2.3	8.3
<b>Mexico</b>	16.8	10.6	0.8 <sup>a</sup>	0 <sup>a</sup>	2,703 <sup>a</sup>	57,971	4.8	...	8.4
<b>Central American Isthmus</b>	28.4	16.4	12.0	4.0	18,286	147,410	8.4	2.4	9.0
Belize	28.8	26.9	52.9 <sup>a</sup>	1.1 <sup>a</sup>	256 <sup>a</sup>	2,178	62.6	1.8	9.3
Costa Rica	9.6	5.9	1.0	1.8	114	31,773	3.4	4.5	7.0
El Salvador	27.4	15.1	...	...	20 <sup>a</sup>	22,406	5.2 <sup>c</sup>	2.8 <sup>c</sup>	8.7
Guatemala	20.7	11.5	15.0	3.1	7,394	17,045	7.6 <sup>c</sup>	2.2 <sup>c</sup>	8.4
Honduras	39.2	25.2	14.8	8.0	9,474	66,814	8.1	1.1	10.4
Nicaragua	40.0	23.3	...	...	610 <sup>a</sup>	5,192	...	...	10.4
Panama	44.5	21.8	4.3	2.1	418	2,002	20.2	2.6	8.6
<b>Latin Caribbean</b>	57.2	...	...	...	52,795	122,182	...	...	7.8
Cuba	6.3	3.7	-	-	7 <sup>a,*</sup>	-	5.5	5.8	5.4
Dominican Republic	43.4	24.9	1.6 <sup>a</sup>	4.3 <sup>a</sup>	1,643 <sup>a</sup>	12,170	...	...	7.7
French Guiana	...	...	...	...	1,599	10,514	...	...	13.2
Guadeloupe	...	...	-	-	...	41,100	...	...	9.4
Haiti	147.8 <sup>c</sup>	...	...	...	49,535 <sup>a</sup>	...	...	...	...
Martinique	...	...	-	-	11 <sup>a,*</sup>	37,100	...	...	12.9
Puerto Rico	1.7	0.8	-	-	...	21,298	15.8 <sup>c</sup>	...	12.5
<b>Andean Area</b>	49.7	29.4	13.0	9.4	205,868	327,406	4.1	2.7	8.4
Bolivia (Plurinational State of)	90.5	60.7	12.8	10.7	13,769	9,918	...	...	...
Colombia	24.8	16.0	14.5	17.3	117,515	157,152	2.8 <sup>b</sup>	2.7 <sup>b</sup>	8.7
Ecuador	33.0	23.3	3.1	2.6	1,870	17,823	9.1	2.5	8.4
Peru	110.7	60.5	5.0 <sup>a</sup>	3.8 <sup>a</sup>	36,886 <sup>a</sup>	18,546	3.8	3.0	8.0
Venezuela (Bolivarian Republic of)	22.7	12.0	23.4 <sup>a</sup>	5.4 <sup>a</sup>	35,828 <sup>a</sup>	123,967	...	...	...
<b>Brazil</b>	38.8	20.3	22.8 <sup>e</sup>	13.5 <sup>e</sup>	334,618	1,011,647	19.9	1.6	8.4
<b>Southern Cone</b>	19.7	10.7	...	...	121	14,761	4.1	3.8	6.9
Argentina	19.2	10.1	-	-	86 <sup>a</sup>	1,185	3.2	2.7	7.1
Chile	14.1	6.8	-	-	3 <sup>*</sup>	23	5.2	7.3	5.9
Paraguay	37.0	23.6	...	0.1	27	13,553	5.2	2.2	...
Uruguay	21.0	12.2	-	-	5 <sup>a,*</sup>	-	8.4	1.9	8.3
<b>Non-Latin Caribbean</b>	21.9	11.6	10.8	3.9	23,410	17,628	34.3	1.4	12.5
Anguilla	...	...	-	-	...	1	...	...	17.0
Antigua & Barbuda	3.5	1.2	-	-	...	3	22.5 <sup>c</sup>	2.8 <sup>c</sup>	5.8
Aruba	...	...	-	-	...	1,703	2.0 <sup>c</sup>	...	7.7
Bahamas	13.3	7.7	-	-	...	10	95.8 <sup>c</sup>	...	12.9
Barbados	0.7	0.7	-	-	...	3,022	30.6	1.4 <sup>c</sup>	12.4
Cayman Islands	...	...	-	-	1 <sup>a,*</sup>	8	6.1	-	8.7
Dominica	5.5	5.5	-	-	...	635	2.8	...	10.0
Grenada	4.7	3.7	-	-	1 <sup>a,*</sup>	152	21.5	...	7.5
Guyana	101.3	43.6	92.6	32.7	22,840	1,468	19.4 <sup>b</sup>	1.5 <sup>b</sup>	10.2
Jamaica	5.1	2.8	-	-	22 <sup>a,*</sup>	3,045	48.7 <sup>c</sup>	1.3 <sup>c</sup>	13.9
Montserrat	...	...	-	-	...	-	19.7 <sup>c</sup>	- <sup>c,d</sup>	6.0
Netherlands Antilles	...	...	-	-	...	2,408	...	...	...
Saint Kitts & Nevis	8.1	8.1	-	-	1 <sup>a,*</sup>	19	8.2	...	11.7
Saint Lucia	6.2	4.4	-	-	1 <sup>a,*</sup>	74	23.1	1.1	11.0
Saint Vincent & the Grenadines	8.6	2.9	-	-	...	218	44.8	...	...
Suriname	34.0	28.7	14.9	6.9	544	113	...	...	...
Trinidad & Tobago	20.4	11.5	-	-	...	4,740	7.3	1.4	...
Turks & Caicos Islands	...	...	-	-	...	-	29.3	...	8.1
Virgin Islands (UK)	...	...	-	-	...	9	4.0 <sup>b</sup>	- <sup>b,d</sup>	6.0
Virgin Islands (US)	...	...	-	-	...	-	...	...	9.2

## Cholera, 2010

country	cases	deaths
CAN	2	-
DOM	191	-
HTI	179,379	3,990
MEX	1	-
MTQ	6	-
USA	15	-
<b>total</b>	<b>179,594</b>	<b>3,990</b>

CAN: I imported, DOM: imported.

## Measles, 2010

country	cases
ARG	17
BRA	68
CAN	99
GUF	2
USA	63
<b>total</b>	<b>249</b>

cases related to importation

## Yellow Fever, 2010

country	cases	deaths
BRA	2	2
BOL	3	1
PER	18	14
<b>total</b>	<b>23</b>	<b>17</b>

### Source:

Reports from PAHO/WHO technical regional areas.

as of: 15 June 2011

BI 29: (1) new and relapse cases.

BI 31-33, BI 35-37: (a) value 2009; (b) value 2010; (c) value 2008; (d) 1-0; (e) amazonas region.

BI 32-33: refers to moderate and high risk; (\*) imported cases.



# resources, access & coverage indicators

38M hypertension prevalance (%) 2005-2009, lay		38F hypertension prevalance (%) 2005-2009, lay		39M diabetes mellitus 2 prevalence (%) 2005-2009, lay		39F diabetes mellitus 2 prevalence (%) 2005-2009, lay		40 hospital beds per 1,000 pop	41A national health expenditure as a % of GDP		41B national health expenditure as a % of GDP		42 health care by trained personnel (%)			43 health care by trained personnel (%)			44 immunization coverage (%), 2010			45 immunization coverage (%), 2010	46 immunization coverage (%), 2010	47 immunization coverage (%), 2010	48 contraceptive use (women, all methods) (%) 2007-09, lay
male	female	male	female	2009-10, lay		public 2010	private 2010	antenatal (at least 4 visits)	at birth	year	DPT3 + Hib3	Polio3	BCG	MMR1											
...	...	...	...	2.5	...	...	...	...	95.2	93	92	95	92	63											
30.1	28.6	...	...	3.1	...	...	...	96.3	99.4	94	92	na	90	62											
23.1	27.3	12.3	13.0	5.3	7.6 b, l	5.7 o	...	99.0	99.2	2010	100	100	na	93	...										
16.4	17.3	7.9	6.6	3.2	8.2 m	3.4 c, o	...	...	100.0	2009	80 c, f	80 c, f	na	93 c, f	...										
31.6	29.8	...	...	3.0	9.9 m	5.6 n	...	96.3	99.3	2008	95 c, f	93 c, f	na	90 c, f	62										
...	...	...	...	2.1	...	...	...	...	92.9	92	92	95	93	...											
...	...	...	...	2.1	...	...	...	...	93.2	92	92	95	93	64											
31.5	30.8	...	...	1.6	3.1 c, m	3.3 c, o	...	83.9	97.4	2009	95	95	98	95	37										
...	...	...	...	0.9	...	...	...	...	68.8	95	96	97	95	49											
28.6	24.4	8.3	17.6	1.2 a	1.0 k	1.3 n	...	94.0	2010	96	96	98	98	...											
...	...	...	...	1.2	4.6 m	3.3 n	...	87.0	100.0	2010	88	93	77	83	82										
...	...	...	...	1.0	3.3 m	5.0 n	...	...	84.9	2009	92	92	91	92	12 a										
12.7	14.4	8.8	7.7	0.6 a	2.1 m	3.6 n	...	...	49.0	2009	94	94	100	93	54										
...	...	...	...	0.8 a	4.6 m	4.2 n	...	...	...	...	100*	100*	100*	100*	...										
...	...	...	...	0.8 a	5.5 m	4.2 n	...	79.9	91.7	2010	100*	100*	100*	100*	...										
...	...	...	...	2.2	3.9 m	1.3 n	...	...	94.2	2010	94	95	100*	100*	52										
...	...	...	...	3.8	...	...	...	96.0	98.7	81	78	83	71	61											
26.7	31.0	...	...	5.9	10.5 c, k	...	...	100.0	99.9	2010	96	100	99	100	78										
...	...	...	...	1.6	1.4 d, k	4.4 n	...	94.5	97.8	2007	88	86	98	87	73										
...	...	...	...	2.8	...	...	...	55.2	99.2	2009	...	...	...	...	...										
33.1	37.3	...	...	5.8	2.1 k	...	...	...	99.3	2008	...	...	...	...	...										
...	...	...	...	...	...	2.8 d	...	...	...	...	69	62	64	45 g	32										
...	...	...	...	4.1	...	...	...	...	99.9	2008	...	...	...	...	...										
33.2	34.6	12.5	13.2	2.8	...	...	...	98.6	99.9	2008	...	...	...	...	...										
...	...	...	...	1.3	...	...	...	90.0	87.6	87	86	90	88	61											
...	...	...	...	1.1	3.2 b, l	1.7 n	...	72.1	65.0	2008	80	80	90	79	25 o										
27.8	19.1	3.2	2.1	...	3.5 c, m	2.5 n	...	88.6	95.0	2010	88	88	84	89	61										
...	...	...	...	1.5	4.7 m	3.9 n	...	...	71.4	2008	100*	100*	100*	100*	...										
...	...	...	...	1.5	2.9 m	2.3 n	...	92.2	94.7	2008	93	92	95	94	74										
...	...	...	...	1.1 a	1.8 d, m	2.8 n	...	...	...	...	78	73	92	79	...										
21.1	27.2	5.3	6.2	2.4	3.6 l	3.7 n	...	89.5	98.9	2009	96	97	100*	98	87										
34.0	34.1	9.2	10.5	3.4	...	...	...	...	97.7	92	92	95	95	50											
33.5	35.9	8.9	10.2	4.5	5.3 b, m	3.2 n	...	...	97.8	2009	95	95	100*	100	43										
35.2	31.3	10.4	12.5	2.1	5.1 c, m	3.2 n	...	...	99.8	2009	92	92	96	93	...										
...	...	...	...	1.3	4.2 m	4.5 n	...	67.8 e	93.1	2008	76	76	74	77	79										
33.6	27.5	6.2	4.7	1.2 a	4.5 c, m	5.2 n	...	91.8	99.9	2010	95	95	99	95	77										
...	...	...	...	2.4	...	...	...	...	93.1	94	94	96	91	...											
...	...	...	...	2.1	4.2 c, k	2.5 n	...	100.0	100.0	2010	100*	100*	100*	100*	87										
...	...	...	...	2.2	3.6 c, k	1.2 n	...	100.0	100.0	2010	98	99	na	98	...										
50.4	31.1	5.6	8.0	2.8	10.0 d, m	1.3 n	...	...	100.0	2009	98	98	na	91	...										
37.0	38.4	8.6	9.6	3.1	3.4 k	3.3 n	...	86.0	99.0	2009	99	97	na	94	...										
23.0	34.7	10.4	11.7	6.8	5.7 k	2.9 o	...	...	100.0	2009	86	91	na	85	...										
25.0	25.5	6.4	9.3	2.7	3.0 d	...	...	96.7	100.0	2010	...	...	...	...	...										
32.0	32.1	22.0	12.0	3.8	5.3 c, k	2.5 n	...	...	100.0	2010	98	99	100*	100*	...										
...	...	...	...	2.4	5.3 c, k	4.7 n	...	...	100.0	2010	97	94	na	97	10 o										
...	...	...	...	2.0	...	2.0 n	...	94.8	95.8	2009	95	95	98	95	43										
33.8	36.9	9.8	14.6	1.9 a	2.7 k	2.7 n	...	...	90.1	2010	94	94	95	89	73										
...	...	...	...	5.9	9.0 d, k	...	...	...	100.0	2010	100*	100*	100*	100*	...										
...	...	...	...	...	14.0 b, m	1.2 n	...	...	...	...	95 h	95 h	na	96 h	...										
38.2 #	31.9 #	4.8 #	10.4 #	4.8	2.2 d, k	2.3 n	...	...	100.0	2010	96	91	91	100*	...										
...	...	...	...	1.5	2.4 c, k	2.8 n	...	99.0 c	100.0	2008	97	97	97	95	...										
...	...	...	...	2.6	3.5 d, k	0.8 n	...	...	98.3	2010	100*	100*	91	100	...										
...	...	...	...	2.6	...	0.4 n	...	...	90.0	2010	96	96	na	90	...										
...	...	...	...	2.6	2.0 k	1.9 o	...	...	...	...	90	91	na	92	...										
...	...	...	...	0.7 a	8.8 d	...	...	...	100.0	2010	95	98	100*	88	15 a										
41.0	31.1	11.8	12.2	2.2	2.8 d	...	...	...	100.0	2010	87	85	97	89	...										
...	...	...	...	...	...	...	...	91.7	99.3	2008	...	...	...	...	...										

BI 38-39: country reported data are not age-adjusted; (#) only St. Kitts.

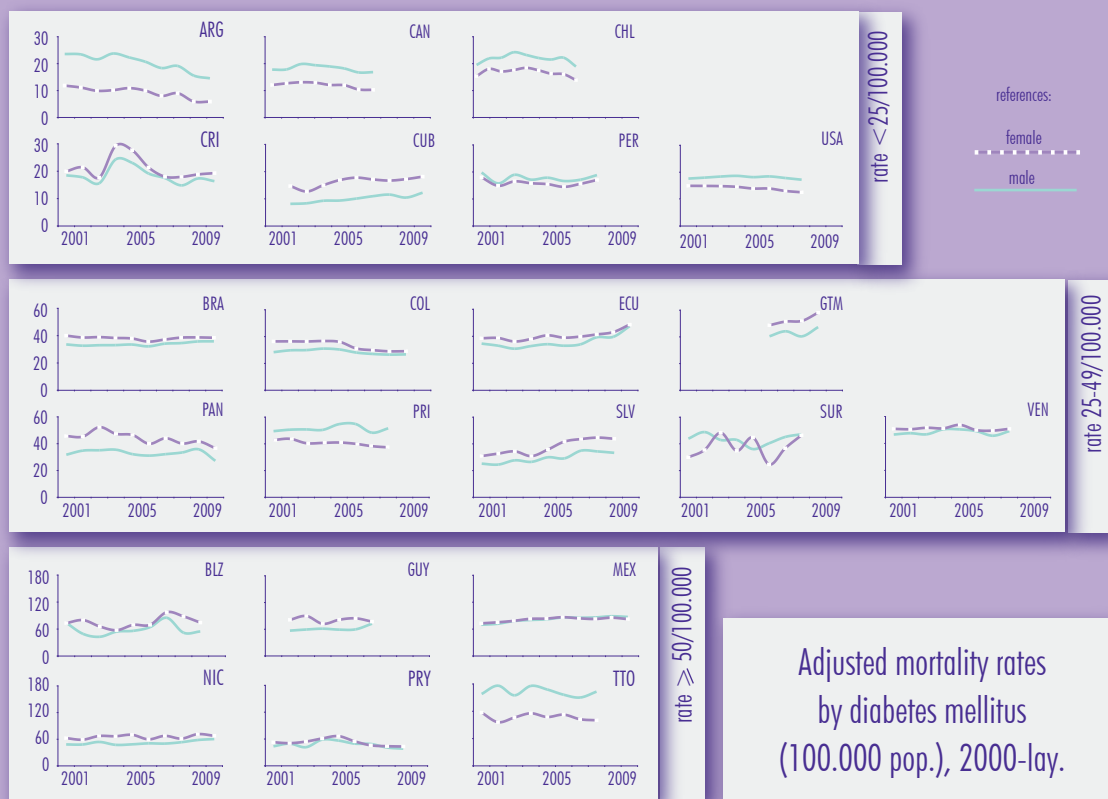
BI 41-48: (a) public sector; (b) value 2008; (c) value 2009; (d) value 2007; (e) value 2010; (f) < 2 years; (g) 1 year of age; (h) St. Maarten; (\*) coverage reported > 100%; (k) Ministry of Health budget; (l) government expenditure in health functions, programs or activities; (m) incl. health expenditure by social security and other social health insurance schemes; (n) health and/or medical care or medical care and expense (COICOP 06); (o) incl. health and/or medical care and personal care and/or domestic services.

# socioeconomic indicators

	49T	49M	49F	50 calories availability (Kcal/pc/day)	51A gross national income (US\$ per capita), 2009		52 annual GDP growth (%)	53 highest 20%/ lowest 20% income ratio	54T 54U 54R 55T 55U 55R population (%) using improved								
	literate population (15+ years old) (%) 2009				2007	current value			2008-09	2006-09, lay	drinking water sources, 2008			sanitation facilities, 2008			
	total	male	female			total					urban	rural	total	urban	rural		
<b>The Americas</b>	...	...	...	3,209	22,056	23,752	-2.0	...	95	98	85	87	92	71			
<b>North America</b>	...	...	...	3,726	45,927	44,813	-2.6	...	99	100	95	100	100	99			
Bermuda	...	...	...	2,598	...	...	-8.1	...	100	100	...	100	100	...			
Canada	...	...	...	3,532	41,980	37,280	-2.5	...	100	100	99	100	100	99			
United States of America	...	...	...	3,748	46,360	45,640	-2.6	...	99	100	94	100	100	99			
<b>Latin America &amp; the Caribbean</b>	...	...	...	2,893	7,194	10,621	-1.7	15.9	93	97	79	79	86	55			
<b>Latin America</b>	90.8	91.7	90.0	2,906	7,223	10,662	-1.7	15.9	93	97	80	79	86	55			
<b>Mexico</b>	93.4	94.9	92.1	3,266	8,960	14,020	-6.5	14.5	94	96	87	85	90	68			
<b>Central American Isthmus</b>	82.0	84.4	79.7	2,443	3,104	5,741	-1.4	18.2	91	97	83	77	83	68			
Belize	...	...	...	2,718	3,740 <sup>d</sup>	5,990 <sup>d</sup>	0.0	...	99	99	100	90	93	86			
Costa Rica	96.1	95.9	96.3	2,840	6,260	10,930	-1.5	13.2	97	100	91	95	95	96			
El Salvador	84.1	86.8	81.8	2,590	3,370	6,420	-3.5	11.9	87	94	76	87	89	83			
Guatemala	74.5	80.0	69.5	2,159	2,650	4,570	0.6	16.8	94	98	90	81	89	73			
Honduras	83.6 <sup>a</sup>	83.7 <sup>a</sup>	83.5 <sup>a</sup>	2,623	1,800	3,710	-1.9	30.1	86	95	77	71	80	62			
Nicaragua	78.0 <sup>b</sup>	78.1 <sup>b</sup>	77.9 <sup>b</sup>	2,403	1,000	2,540	-5.6	...	85	98	68	52	63	37			
Panama	93.6	94.2	93.0	2,484	6,570	12,180	2.4	16.0	93	97	83	69	75	51			
<b>Latin Caribbean</b>	80.8	82.2	79.6	2,509	...	...	...	...	81	87	72	65	74	47			
Cuba	99.8	99.8	99.8	3,274	5,550 <sup>d</sup>	...	4.3 <sup>d</sup>	...	94	96	89	91	94	81			
Dominican Republic	88.2 <sup>a</sup>	88.2 <sup>a</sup>	88.3 <sup>a</sup>	2,295	4,550	8,110	3.5	12	86	87	84	83	87	74			
French Guiana	...	...	...	...	...	...	...	...	...	...	...	...	...	...			
Guadeloupe	...	...	...	...	...	...	...	...	...	98	...	...	95	...			
Haiti	48.7 <sup>c</sup>	53.4 <sup>c</sup>	44.6 <sup>c</sup>	1,870	...	...	2.9	...	63	71	55	17	24	10			
Martinique	...	...	...	...	...	...	...	...	...	100	...	...	95	...			
Puerto Rico	90.5	89.9	91.0	...	...	...	...	...	...	...	...	...	...	...			
<b>Andean Area</b>	91.6	93.5	89.9	2,531	5,588	8,916	0.0	17.3	89	96	72	70	79	49			
Bolivia (Plurinational State of)	90.7 <sup>d</sup>	95.0 <sup>d</sup>	86.8 <sup>d</sup>	2,064	1,630	4,250	3.4	21.9	86	96	67	25	34	9			
Colombia	93.2	93.1	93.4	2,685	4,990	8,600	0.8	24.6	92	99	73	74	81	55			
Ecuador	84.2	87.1	81.5	2,301	3,970	8,100	0.4	12.9	94	97	88	92	96	84			
Peru	89.6 <sup>a</sup>	94.9 <sup>a</sup>	84.6 <sup>a</sup>	2,457	4,200	8,120	0.9	13.5	82	90	61	68	81	36			
Venezuela (Bolivarian Republic of)	95.2 <sup>a</sup>	95.4 <sup>a</sup>	94.9 <sup>a</sup>	2,632	10,090	12,220	-3.3	10.0	...	...	...	...	...	...			
<b>Brazil</b>	90.0 <sup>d</sup>	89.8 <sup>d</sup>	90.2 <sup>d</sup>	3,113	8,070	10,160	-0.6	17.4	97	99	84	80	87	37			
<b>Southern Cone</b>	97.7	97.7	97.6	2,900	7,598	12,927	-0.1	10.2	94	98	75	90	93	67			
Argentina	97.7	97.7	97.7	2,941	7,550	14,090	0.9	12.3	97	98	80	90	91	77			
Chile	98.6	98.6	98.5	2,920	9,470	13,420	-1.5	3.6	96	99	75	96	98	83			
Paraguay	94.6 <sup>a</sup>	95.7 <sup>a</sup>	93.5 <sup>a</sup>	2,634	2,250	4,430	-3.8	15.0	86	99	66	70	90	40			
Uruguay	98.3	97.6	98.6	2,829	9,010	12,900	2.9	8.6	100	100	100	100	100	99			
<b>Non-Latin Caribbean</b>	...	...	...	2,780	7,298	10,989	-1.7	...	95	98	92	87	88	87			
Anguilla	...	...	...	...	...	...	...	...	...	...	...	...	99	...			
Antigua & Barbuda	99.0	98.4	99.4	2,368	12,130	17,670	-8.5	...	...	96	...	...	98	...			
Aruba	98.2	98.2	98.1	...	...	...	...	...	100	99	100	...	...	...			
Bahamas	...	...	...	2,713	...	...	...	...	...	98	...	100	100	100			
Barbados	...	...	...	3,056	...	...	...	...	100	100	100	100	100	100			
Cayman Islands	98.9 <sup>a</sup>	98.7 <sup>a</sup>	99.0 <sup>a</sup>	...	...	...	...	...	...	95	...	...	96	...			
Dominica	...	...	...	3,157	4,900	8,460	-0.8	...	...	...	...	...	...	...			
Grenada	...	...	...	2,454	5,580	7,710	-6.8	...	...	97	...	98	96	97			
Guyana	...	...	...	2,759	2,660	3,270	3.3	...	94	98	93	81	85	80			
Jamaica	86.4	81.2	91.1	2,852	4,590	7,230	-3.0	...	94	98	89	83	82	84			
Montserrat	...	...	...	...	...	...	...	...	100	100	100	100	96	96			
Netherlands Antilles	96.4	96.4	96.4	3,004	...	...	...	...	...	...	...	...	...	...			
Saint Kitts & Nevis	...	...	...	2,513	10,150	13,640	-8.0	...	100	100	100	96	96	96			
Saint Lucia	...	...	...	2,738	5,190	8,860	-3.8	...	98	97	98	...	...	...			
Saint Vincent & the Grenadines	...	...	...	2,821	5,130	8,830	-2.8	...	...	...	...	...	...	96			
Suriname	94.6 <sup>d</sup>	95.5 <sup>d</sup>	93.8 <sup>d</sup>	2,492	4,760 <sup>d</sup>	6,730 <sup>d</sup>	5.1 <sup>d</sup>	...	93	97	81	84	90	66			
Trinidad & Tobago	98.7	99.2	98.3	2,725	16,700	24,970	-3.0	...	94	98	93	92	92	92			
Turks & Caicos Islands	...	...	...	...	...	...	...	...	98	98	98	...	98	...			
Virgin Islands (UK)	...	...	...	...	...	...	...	...	100	100	100	100	100	100			
Virgin Islands (US)	...	...	...	...	...	...	...	...	...	...	...	...	...	...			

BI 49, BI 51-52: (a) value 2007; (b) value 2005; (c) value 2006; (d) value 2008.

# diabetes mellitus: trends, avoidable mortality and inequality



Adjusted mortality rates  
by diabetes mellitus  
(100.000 pop.), 2000-lay.

Diabetes is a chronic disease with a high prevalence in the Region of the Americas which causes an average of 242,000 deaths each year (110,000 males and 132,000 females). In 2007, 22,000 deaths caused by diabetes mellitus (8% overall) were considered as avoidable because they occurred in people under 50 years old (1). This proportion was higher among males (10%) compared to females (7%). The mortality risk due to diabetes mellitus among males and females was similar in the Region (32.7 and 33.0/100,000, respectively).

The data showed that risk varies among countries in the Region; some of them were classified as low risk (mortality rate less than 25/100,000 pop); middle risk (25-49/100,000) and high risk (50/100,000 and above). The mortality trend in the last years did not change markedly in the Region: the mortality risk among men due to diabetes increased until 2003, and became stable, while the risk for women has been stable during the study period. In the group of countries with low risk the trend decreased or stabilized for most countries: Argentina's rate has declined among males and females; as well as Canada and the United States' rates among females. On the other hand, Cuba's rates increased in males and females. Among those with middle risk, the mortality trend has been rising in Brazil (males), Ecuador and El Salvador (males and females); in Colombia there has been a slight decline (males and females) and in Puerto Rico and Panamá the rates declined among females. In the group with higher mortality risk, Mexico's rates showed a rise (males and females) and Nicaragua (males).

A correlation was observed among mortality and the proportion of avoidable deaths ( $r=0.53$ ). In the low rates group, half of the countries have proportions of avoidable deaths in the range  $<5\%$ , while in the middle and high rates groups the majority of countries showed proportions of avoidable deaths  $>5\%$ . There were some exceptions such as Trinidad and Tobago whose rates were among the highest of the Region but its proportion of avoidable deaths was below the average. On the other hand Peru showed low mortality rates with a proportion of avoidable deaths above the mean of the Region.

Diabetes used to be considered a disease that affected only wealthy people, but we currently know that this does not correspond to the reality. Considering the level of per capita income adjusted by purchasing power, the inequality of mortality rates has not changed substantially between 2001 and 2007: the poorest 20% of the population accumulates almost 30% of all deaths due to diabetes whereas the 20% richest 14% of these deaths (concentration index  $=-0.13$ ). The total magnitude of inequality throughout the socioeconomic hierarchy, from the socially extreme most disadvantaged to the most advantageous, represents an excess of 25 deaths from diabetes in 100,000 people. The poorer populations of the Region with strong indigenous or Afro-descendent composition that live in a situation of vulnerability would have greater exposure to risk factors for diabetes and less access to health services; therefore there is a higher risk of premature death from diabetes.

The countries that have high mortality rates with increased trends and high proportion of avoidable deaths should continue to strengthening its efforts towards to the prevention, early diagnosis, effective coverage of health services, health promotion and access to essential drugs.

To interpret these mortality data it is necessary to take into account the underreporting diabetes mortality and misclassification of the underlying cause of death. Furthermore, this analysis doesn't include countries with small populations where the strong oscillation of the annual rates could bring difficulties to the linear regression model.

References: (1) Nolte E, McKee CM. Does health care save lives?: avoidable mortality revisited. The Nuffield Trust. London, 2004.

# technical notes & sources

- Maternal mortality ratio (MMR) and infant mortality rate (IMR) (BI 10, 12) are reported by countries. In countries where the numerator does not meet the criteria for reliability and accuracy, only the number of events is shown.
- An increase of MMR or IMR may reflect an improvement in data coverage and quality.
- Certified deaths due to ill-defined and unknown conditions (BI 16) refers to death certificates issued in a given year for which the underlying cause of death was symptoms, signs, and ill-defined and unknown conditions (ICD-10: R00-R99).
- Mortality under-registration (BI 17) is determined by subtracting from 1 the total deaths registered in a country-period divided by the corresponding total estimated deaths, obtained after applying the UN estimated crude death rates to the corresponding population estimates by the UN. For countries with population under 300,000 pop, US Census Bureau estimates are applied.
- Corrected mortality rates (BI 18–BI 28) were computed based on registered mortality data, applying a correction algorithm for mortality under-registration and a redistribution algorithm for deaths from ill-defined causes. The methodology used is presented in Health Statistics from the Americas, 2006 edition (<http://www.paho.org/HSA2006>). Observed rates are presented for two groups of countries. For countries with high quality data (proportion of under-registration and ill-defined causes of death lower than 10% in the last two available years) and for countries that lack required inputs for correction.
- Age-adjusted mortality rates (BI 18–BI 28) were computed by direct standardization to the WHO World Standard Population, available at <http://www.who.int/healthinfo/paper31.pdf>.
- Malaria risk areas population (BI 31) shows the proportion of the total population in a country living in high and moderate malaria transmission risk areas. Moderate risk: API between 1 to 10/1,000 pop; high risk: API > 10/1,000 pop.
- National Health Expenditure (BI 41) corresponds to expenditure in the function 'health' (Division 07) of the functional classification of government expenditure of the International Family of Classifications of the United Nations. It includes expenditures by general government, from social security funds and other public health insurance systems (mandatory). Project PAHO/ECCB update of government expenditure of Caribbean countries. Data are from the public finance statistics of the International Monetary Fund and from financial reports of public health insurance institutions. For more information, please go to: [www.paho.org/Spanish/DPM/SHD/HP/nhexp-metodos.htm](http://www.paho.org/Spanish/DPM/SHD/HP/nhexp-metodos.htm)
- Hypertension prevalence (BI 38) in adults is defined as systolic blood pressure  $\geq 140$  mm Hg and/or diastolic blood pressure  $\geq 90$  mm Hg.
- Diabetes mellitus prevalence (BI 39) in adults is defined as fasting plasma glucose  $\geq 126$  mg/dl (7 mmol/l) or 2-h post load glucose  $\geq 200$  mg/dl (11.1 mmol/l) during an Oral Glucose Tolerance Test (OGTT).
- Hypertension and Diabetes (BI 38-39) data need to be interpreted with caution, taking into account its diagnosis (auto-reported or measured) and the limitations of surveys.
- Antenatal care visits (BI 42) by trained personnel refers to 'four or more visits' (previously 'at least one visit').
- Denominator for rates of BI 29, 30, 31, 35 and 40 from UN WPP 2010 Revision and US Bureau of the Census.

For this edition, we maintained Netherlands Antilles composed of 6 islands as before its official dissolution in October 2010.

Subregional aggregates express average values weighted by respective denominator. The sum of the total is presented for absolute numbers. Values from different years are included in this total.

Information presented in this publication supersedes that of previous editions and is under ongoing review. Users are advised not to compare data series between different editions. Data sources were defined to ensure comparability; therefore, statistics in this publication presented here can differ from national statistics.

## Data sources:

- Technical reports from PAHO/WHO Country Representatives and National Authorities, 2011, (BI 10, 12, 36, 37-38, 40, 42-43, 48). As of 6 June 2011.
- Technical reports from PAHO/WHO Regional Areas; 2010 (BI 29-36, 41, 44-47). As of 15 June 2011.
- United Nations Population Division. World Population Prospects: The 2010 Revision, New York; 2011 (BI 1-6, 8, 9).
- U.S. Bureau of the Census. International Data Base (IDB), (BI 1-6, 8, 9). Update: December 2010 at: <http://www.census.gov/ipc/www/idb/>.
- World Health Organization, WHO. World Health Statistics 2011. Geneva, WHO, 2011 (BI 11, 13).
- United Nations Population Division. World Urbanization Prospects: The 2009 Revision, New York; 2010 (BI 7).
- PAHO/WHO. Mortality Information System; Washington DC; 2011 (BI 14-28). As of 15 July 2011.
- UNESCO. Institute for Statistics (UIS). Data Centre, UIS Estimates (BI 49). Accessed June 2011 at: <http://www.stats.uis.unesco.org>.
- United Nations. Food and Agriculture Organization (FAO), FAOSTAT Statistical Database. Rome (BI 50). Accessed June 2011 at: <http://apps.fao.org>.
- The World Bank 2011 World Development Indicators. Washington, D.C.; 2011 (BI 51-53).
- WHO/UNICEF. Joint Monitoring Programme (JMP) for Water Supply and Sanitation. (BI 54-55). Accessed July 2011 at <http://www.wssinfo.org/datamining/tables.html>

Map: PAHO/WHO Regional Mortality Information System, 2011.

**Symbols and abbreviations:** (-) magnitude zero; (0) magnitude less than half the measurement; (...) data not available; (c) circa; (pop) population; (lb) live birth; (lay) latest available year; (ppp) purchasing power parity; (GDP) gross domestic product; (ADD) acute diarrheal diseases: CIE-10: A00-A09; (ARI) acute respiratory infections: CIE-10: J00-J22; (SS+) sputum smear positive; (API) annual parasite index; (aids) acquired immunodeficiency syndrome; (DPT3-Hib3) diphtheria-pertussis-tetanus-Haemophilus influenzae type b, third dose; (Polio 3) oral polio vaccine or inactivated polio vaccine, third dose; (BCG) anti-tuberculosis vaccine (bacille Calmette-Guérin); (MMR1) measles, mumps and rubella, first dose; (na) not applicable; (IB) basic indicator.

**Country territory codes according to ISO 3166-1:** Aruba (ABW), Anguilla (AIA), Netherlands Antilles (ANT), Argentina (ARG), Antigua and Barbuda (ATG), Bahamas (BHS), Belize (BLZ), Bermuda (BMU), Bolivia (BOL), Brazil (BRA), Barbados (BRB), Canada (CAN), Chile (CHL), Colombia (COL), Costa Rica (CRI), Cuba (CUB), Cayman Islands (CYM), Dominica (DMA), Dominican Republic (DOM), Ecuador (ECU), Guadeloupe (GLP), Grenada (GRD), Guatemala (GTM), French Guiana (GUF), Guyana (GUY), Honduras (HND), Haiti (HTI), Jamaica (JAM), Saint Kitts & Nevis (KNA), Saint Lucia (LCA), Mexico (MEX), Montserrat (MSR), Martinique (MTQ), Nicaragua (NIC), Panama (PAN), Peru (PER), Puerto Rico (PRI), Paraguay (PRY), El Salvador (SLV), Suriname (SUR), Turks and Caicos Islands (TCA), Trinidad & Tobago (TTO), Uruguay (URY), United States of America (USA), Saint Vincent & the Grenadines (VCT), Venezuela (VEN), Virgin Islands UK (VGB) and Virgin Islands US (VIR).

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