

# Basic Indicators



Pan American  
Health  
Organization



World Health  
Organization

REGIONAL OFFICE FOR THE  
Americas



# preface

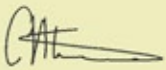
For two decades, since 1995, *Health Situation in the Americas: Basic Indicators* has been continuously providing the latest information on health indicators in the Region of the Americas. In keeping with its commitment to provide up-to-date information characterizing the situation and health trends in the Member States, the Pan American Health Organization (PAHO) continues to compile data from national information systems and United Nations agencies, covering demographics, morbidity and mortality, resources, access and coverage of health services and socioeconomic conditions. The data presented in this pamphlet have been collected, processed, and reviewed by the PAHO Health Information and Analysis technical team in collaboration with the ministries of health and planning and statistical offices of the Americas.

This year, the highlighted issue is avoidable premature mortality or simply “avoidable mortality”, that quantifies premature deaths – those occurring before age 75- that should not occur when timely and effective health care is available and when policies and programs are implemented for disease prevention.

In 2010, the most recent year for which mortality data are available in the largest number of countries, there were nearly 2.2 million deaths in the Americas, with 63% occurring among men (1.4 million). Significant differences between sexes were observed when the types of avoidable causes were considered: 70% of the deaths among men corresponded to causes considered to be avoidable through preventative measures, and 30% through implementation of timely and effective health care. Among women, the proportions were 53% and 47%, respectively.

The map on the title page presents the distribution of age-adjusted average rates for the period 2010-2012 in the Region. Figures have also been included that reflect the changes in mortality between 2001 and 2010, according to sex.

Given the many challenges involved in achieving universal health coverage and monitoring global and regional agreements, we hope that these measurements of premature mortality will help to guide decision – making aimed at reducing the number of avoidable deaths in the countries of the Americas. For more information, including basic indicators and their definitions, please visit <http://www.paho.org/ha>.



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Director

# 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) 2015		
	2015	2015	2015	2015	2015	2015	2015	2015	total	male	female
<b>The Americas</b>	991,114	15.7	15,584.7	6,717.7	1.0	2.1	80.5	51.2	76.9	74.1	79.7
<b>North America</b>	361,069	12.9	4,668.7	2,975.2	0.8	1.9	81.6	51.3	79.5	77.1	81.8
Bermuda	70	11.3	0.8	0.6	0.5	1.9	100.0	52.0	81.2	77.9	84.4
Canada	35,871	11.3	404.8	274.7	1.0	1.7	81.8	48.1	81.8	79.7	83.9
United States of America	325,128	13.1	4,263.1	2,699.9	0.8	2.0	81.6	51.7	79.2	76.9	81.6
<b>Latin America &amp; the Caribbean</b>	630,045	17.3	10,916.0	3,742.4	1.0	2.1	79.6	51.0	75.1	72.0	78.2
<b>Latin America</b>	622,689	17.3	10,797.1	3,686.4	1.1	2.1	80.2	51.2	75.5	72.4	78.5
Mexico	125,236	17.7	2,219.4	572.1	1.1	2.1	79.2	52.0	77.9	75.5	80.2
<b>Central American Isthmus</b>	46,699	24.0	1,123.2	233.8	1.8	2.8	59.1	64.5	74.7	71.6	77.8
Belize	348	22.7	7.9	1.5	2.3	2.6	44.0	58.5	74.3	71.3	77.5
Costa Rica	5,002	14.7	73.4	21.5	1.3	1.8	76.8	43.2	80.4	78.3	82.5
El Salvador	6,426	19.8	127.3	42.0	0.6	2.1	66.7	56.6	73.1	68.3	77.5
Guatemala	16,255	30.2	491.3	81.7	2.4	3.7	51.6	79.6	72.7	69.2	76.2
Honduras	8,424	25.0	211.0	39.0	1.9	2.9	54.7	63.7	74.4	72.2	76.7
Nicaragua	6,257	21.9	136.9	28.2	1.4	2.4	58.8	57.9	75.5	72.5	78.5
Panama	3,988	18.9	75.4	19.8	1.6	2.4	66.6	54.2	78.0	75.3	80.8
<b>Latin Caribbean</b>	37,322	17.2	643.2	279.9	0.7	2.2	74.5	53.4	73.4	71.0	76.0
Cuba	11,249	9.3	104.9	89.2	-0.1	1.4	77.1	42.0	79.6	77.7	81.6
Dominican Republic	10,652	20.1	214.3	64.2	1.1	2.4	79.0	56.7	73.8	70.8	77.1
French Guiana	262	23.1	6.0	1.0	2.4	3.0	84.4	57.9	77.6	74.4	81.2
Guadeloupe	470	13.0	6.1	3.3	0.5	2.1	98.4	53.9	81.4	78.0	84.5
Haiti	10,604	24.9	264.0	89.1	1.3	3.0	58.6	63.3	63.7	61.8	65.7
Martinique	406	10.9	4.4	3.3	0.2	1.8	88.9	53.9	81.9	78.5	85.0
Puerto Rico	3,680	11.8	43.5	30.0	-0.1	1.6	93.6	50.0	79.2	75.5	82.8
<b>Andean Area</b>	139,233	19.4	2,699.8	768.6	1.3	2.4	77.6	53.4	74.5	71.5	77.7
Bolivia (Plurinational State of)	11,025	25.2	278.0	77.0	1.6	3.1	68.5	64.4	67.8	65.6	70.0
Colombia	49,529	18.1	898.6	279.5	1.2	2.2	76.4	50.6	74.4	70.8	78.1
Ecuador	16,226	20.2	327.5	79.6	1.5	2.5	63.7	56.5	77.0	74.2	79.9
Peru	31,161	19.1	596.7	164.3	1.3	2.4	78.6	53.1	75.4	72.8	78.1
Venezuela (Bolivarian Republic of)	31,293	19.1	599.0	168.3	1.4	2.3	89.0	52.7	74.9	72.1	78.0
<b>Brazil</b>	203,657	14.5	2,962.0	1,334.4	0.8	1.8	85.7	45.2	74.5	70.9	78.1
<b>Southern Cone</b>	70,542	16.3	1,149.4	497.7	0.9	2.1	88.2	52.4	77.2	74.0	80.4
Argentina	42,155	16.4	692.0	324.3	0.8	2.1	91.8	54.0	76.7	73.0	80.2
Chile	17,924	13.7	244.8	100.7	0.8	1.8	89.5	45.2	80.5	77.7	83.1
Paraguay	7,033	23.3	163.7	40.6	1.6	2.8	59.7	60.0	72.4	70.2	74.8
Uruguay	3,430	14.3	49.0	32.0	0.3	2.0	95.3	55.6	77.5	74.1	80.8
<b>Non-Latin Caribbean</b>	7,356	16.2	118.9	56.0	0.5	2.1	45.2	49.4	72.9	70.1	75.8
Anguilla	16	12.7	0.2	0.1	2.0	1.7	100.0	45.6	81.3	78.7	84.0
Antigua & Barbuda	92	15.9	1.5	0.5	1.2	2.0	23.8	45.8	76.3	74.2	78.5
Aruba	112	12.6	1.4	0.9	1.3	1.8	41.5	43.7	76.6	73.5	79.7
Bahamas	388	15.1	5.9	2.4	1.3	1.9	82.9	41.1	75.6	72.5	78.5
Barbados	291	11.9	3.4	2.5	0.3	1.7	31.5	41.2	75.2	72.8	77.6
Cayman Islands	56	12.1	0.7	0.3	2.1	1.9	100.0	42.5	81.1	78.4	83.9
Curaçao	148	13.8	2.0	1.2	0.4	2.1	89.3	52.5	78.2	75.9	80.6
Dominica	74	15.4	1.1	0.6	0.2	2.0	69.5	48.5	76.8	73.8	79.9
Grenada	111	16.0	1.8	0.9	0.5	2.1	35.6	51.5	74.1	71.5	76.9
Guyana	808	19.6	15.8	5.4	0.5	2.5	28.6	61.4	66.6	63.9	69.3
Jamaica	2,813	17.7	49.8	20.1	0.5	2.2	54.8	51.8	73.8	71.3	76.3
Montserrat	5	11.3	0.1	0.0	0.5	1.3	9.0	32.0	74.1	75.6	72.6
Saint Kitts & Nevis	52	13.5	0.7	0.4	0.8	1.8	32.0	41.0	75.5	73.1	78.0
Saint Lucia	164	13.7	2.2	1.2	0.3	1.8	18.5	46.2	77.6	74.9	80.5
Saint Vincent & the Grenadines	103	13.6	1.4	0.7	-0.3	1.8	50.6	45.2	75.1	73.1	77.1
Sint Maarten (Dutch part)	41	13.0	0.5	0.2	1.5	2.1	100.0	35.5	78.0	75.7	80.4
Suriname	548	17.3	9.5	4.0	0.8	2.2	66.0	49.8	71.4	68.4	74.6
Trinidad & Tobago	1,347	13.8	18.6	13.4	0.2	1.8	8.4	43.7	70.1	66.6	73.9
Turks & Caicos Islands	50	16.1	0.8	0.2	2.3	1.7	92.2	35.7	79.7	76.9	82.6
Virgin Islands (UK)	33	10.9	0.4	0.2	2.3	1.3	46.2	33.8	78.5	77.1	79.9
Virgin Islands (US)	104	10.3	1.1	0.9	-0.6	1.7	95.3	58.5	79.9	76.8	83.1

BI 1-9: countries under 300,000 pop: US Census Bureau, otherwise: UN Population Division estimates. Both agencies are continuously reviewing population projections taking into account the latest census.



# mortality indicators

	10 maternal mortality ratio (100,000 lb)		11 maternal mortality ratio estimated <sup>1</sup> (100,000 lb) 2013	12 infant mortality (1,000 lb)		13 under-five mortality (1,000 lb)		14 registered deaths < 5 years due to			15 registered deaths < 5 years due to	16 ill-defined and unknown causes of death (%) c2013	17 mortality under-registration (%) c2013
	ratio	maternal deaths		year	rate	infant deaths	rate	year	ADD (%)	ARI (%)			
<b>The Americas</b>	56.9	5,593	68	12.6	153,606	15.0		2.0	5.3		3.1	...	
<b>North America</b>	4.8	18	27	5.9	25,441	6.9		0.8	1.3		1.4	2.1	
Bermuda	-	-	2014	...	3.5 <sup>a</sup>	2 <sup>a</sup>	4.6	2013	-	-	2013	0.8	...
Canada	4.8	18	2011	11 (7-18)	4.8	1,810	5.5	2011	0.1	1.0	2011	1.2	5.8
United States of America	...	...		28 (18-44)	6.0	23,629	7.0	2012	0.9	1.3	2013	1.5	1.7
<b>Latin America &amp; the Caribbean</b>	59.0	5,575	85	15.5	128,165	18.9		2.5	7.1		4.2	...	
<b>Latin America</b>	58.9	5,523	85	15.5	126,359	18.9		2.5	7.1		4.2	9.8	
<b>Mexico</b>	38.2	861	2013	49 (31-77)	13.0	29,229	15.7	2013	2.8	6.6	2013	1.7	-
<b>Central American Isthmus</b>	81.4	630		112	18.6	17,610	22.6		6.0	14.7		5.9	16.6
Belize	41.1	3	2014	45 (30-68)	12.0	88	14.4	2014	0.6	2.6	2013	0.7	-
Costa Rica	29.3	21	2014	38 (25-57)	8.0	575	9.4	2014	0.3	3.2	2013	2.8	6.0
El Salvador	52.6	60	2014	69 (48-100)	9.7 <sup>#,z</sup>	1,102	11.0	2014	4.4	7.1	2012	18.8	23.8
Guatemala	113.4	452	2013	140 (89-210)	18.1 <sup>#,z</sup>	7,221	24.8	2013	10.0	24.2	2013	7.1	13.6
Honduras	...	...		120 (73-190)	24.0 <sup>^^</sup>	5,289 <sup>#,z</sup>	29.0	2007-12	1.6 <sup>f</sup>	6.6 <sup>f</sup>	2013	0.9 <sup>f</sup>	...
Nicaragua	37.9 <sup>#,p</sup>	53	2014	100 (68-160)	20.0 <sup>b,^^</sup>	2,229 <sup>d,^^</sup>	25.0	2011	3.1	8.8	2013	1.2	25.6
Panama	55.6 <sup>#</sup>	41	2013	85 (55-130)	14.9 <sup>#</sup>	1,106	19.1	2013	5.8	10.7	2013	2.8	17.9
<b>Latin Caribbean</b>	113.1	422		209	33.5	5,579	47.9		1.4	4.0		2.9	18.1
Cuba	35.1	43	2014	80 (50-130)	4.2	514	5.7	2014	1.4	7.8	2013	0.7	-
Dominican Republic	119.0	189	2014	100 (71-150)	23.7	4,692	28.3	2014	1.4	3.1	2012	5.1	43.0
French Guiana	...	...		...	8.5 <sup>c</sup>	53 <sup>d</sup>	12.8	2011	3.2	1.6	2011	13.1	23.0
Guadeloupe	...	...		...	8.3	50	...	2013	-	-	2011	11.1	8.5
Haiti	157.0 <sup>#</sup>	188	2013	380 (220-680)	59.0	...	88.0	2012	...	...		...	...
Martinique	...	...		...	8.7	...	...	2009-11	2.4	-	2011	7.2	11.9
Puerto Rico	5.5 <sup>p</sup>	2	2013	20 (13-32)	7.5 <sup>p</sup>	270	8.4	2013	1.0	0.7	2013	0.8	3.0
<b>Andean Area</b>	63.6	1,428		103	15.5	20,029	18.6		2.3	8.2		2.0	24.5
Bolivia (Plurinational State of)	...	...		200 (130-310)	...	...	...		...	...		...	...
Colombia	65.9	446	2012	83 (56-130)	17.5 <sup>^^</sup>	8,220 <sup>^^</sup>	19.8	2012	1.5	7.0	2012	1.9	25.3
Ecuador	45.7 <sup>#</sup>	155	2013	87 (58-130)	8.6 <sup>#</sup>	2,928	17.8	2013	1.6	9.0	2013	8.7	24.4
Peru	...	411	2014	89 (61-130)	17.0	...	...	2010-14	2.3	12.7	2012	0.3	40.9
Venezuela (Bolivarian Republic of)	69.8	416	2012	110 (70-170)	14.9	8,881	17.3	2012	3.8	5.1	2012	0.5	6.8
<b>Brazil</b>	61.6	1,787	2012	69 (44-110)	14.5	42,108	16.5	2013	1.9	5.5	2013	5.9	6.7
<b>Southern Cone</b>	37.4	395		62	10.4	11,804	12.1		0.9	4.0		6.8	2.7
Argentina	32.5	245	2013	69 (60-81)	10.8	8,174	12.6	2013	1.1	4.2	2013	8.0	-
Chile	15.7	38	2013	22 (14-35)	7.0	1,692	8.1	2013	0.1	2.6	2013	2.2	-
Paraguay	96.3 <sup>#</sup>	103	2013	110 (71-170)	14.6 <sup>#</sup>	1,562	17.0	2013	1.4	5.3	2013	10.8	27.5
Uruguay	18.6	9	2014	14 (9-20)	7.8	376	9.0	2014	1.2	2.6	2013	9.0	-
<b>Non-Latin Caribbean</b>	75.4	52		104	16.5	1,806	15.6		1.0	3.1		2.0	...
Anguilla	-	-	2014	...	13.3	2	33.3	2014	-	-	2013	-	...
Antigua & Barbuda	-	-	2014	...	11.8	13	18.2	2014	-	6.3	2013	1.9	...
Aruba	-	-	2012	...	1.8	2	1.8	2012	-	-	2013	5.1	...
Bahamas	82.2	4	2012	37 (24-55)	22.7 <sup>d</sup>	101 <sup>d</sup>	22.8	2012	1.3	9.3	2012	1.5	9.4
Barbados	33.7	1	2013	52 (33-83)	12.4	37	14.2	2013	-	-	2012	1.2	...
Cayman Islands	-	-	2014	...	4.2	3	4.2	2014	-	-	2013	2.9	...
Curacao	...	...		...	11.3	23	12.3	2012	...	...		...	...
Dominica	-	-	2014	...	19.6	17	20.8	2014	2.3	-	2013	1.6	...
Granada	57.1	1	2014	23 (14-37)	13.1	23	14.3	2014	-	5.0	2013	1.1	...
Guyana	...	...		250 (160-380)	23.3 <sup>#,p</sup>	345	...	2014	4.3	7.4	2011	0.8	0.2
Jamaica	83.4	33	2012	80 (57-110)	19.5	775	...	2011	-	1.3	2011	0.8	14.5
Montserrat	-	-	2014	...	-	-	-	2014	-	-	2013	-	...
Saint Kitts & Nevis	155.5	1	2014	...	23.3	15	23.3	2014	12.5	-	2012	0.9	...
Saint Lucia	95.1	2	2013	34 (21-54)	14.3	30	15.2	2013	-	2.0	2012	2.9	...
Saint Vincent & the Grenadines	54.3	1	2014	45 (29-70)	15.2	28	17.4	2014	-	3.3	2013	2.0	...
Sint Maarten (Dutch part)	195.7	1	2013	...	5.7	3	7.6	2014	...	...		...	...
Suriname	82.5	8	2011	130 (87-190)	15.1	147	17.5	2011	1.3	3.8	2012	9.9	27.4
Trinidad & Tobago	...	...		84 (53-140)	12.0 <sup>#,o</sup>	225 <sup>o</sup>	14.5	2012	...	...		...	...
Turks & Caicos Islands	-	-	2014	...	6.9	3	6.9	2014	-	-	2013	-	...
Virgin Islands (UK)	-	-	2014	...	3.5	1	3.5	2014	...	...		...	...
Virgin Islands (US)	...	...		...	...	13	...	2012	-	-	2012	5.0	...

BI 10, 12, 13: (a) value 2014; (b) value 2001-2011 (survey); (c) value 2011-2013 (average); (d) value 2013; (e) value 2012; (#) see technical notes; (z) public sector; (p) preliminary; (^^) rate and deaths are from different sources.

BI 11: (1) 95% confidence interval; BI 14-17: (f) based on hospital deaths (20% of all expected deaths).

# mortality indicators

	18Tc	18Ta	18Mc	18Ma	18Fc	18Fa	19c-19f					
	general mortality rate (all causes) (1,000 pop) (2013)						mortality rate from communicable diseases (100,000 pop) (2013)					
	total		male		female		total		male		female	
	corrected	adjusted	corrected	adjusted	corrected	adjusted	corrected	adjusted	corrected	adjusted	corrected	adjusted
<b>The Americas</b>	6.6	5.6	7.2	6.8	6.1	4.5	50.5	45.3	54.0	54.4	47.1	37.5
<b>North America</b>	8.0	4.7	8.2	5.6	7.8	3.9	39.5	22.7	39.5	26.4	39.6	19.5
Bermuda **	6.8	3.7	7.4	4.9	6.2	2.6	33.1	15.9	32.7	19.1	33.5	13.5
Canada a*	7.0	3.8	7.1	4.5	7.0	3.2	33.3	16.5	31.3	18.7	35.3	14.8
United States of America *	8.1	4.8	8.3	5.7	7.9	4.0	40.2	23.4	40.4	27.2	40.0	20.1
<b>Latin America &amp; the Caribbean</b>	5.8	6.0	6.5	7.5	5.0	4.8	56.9	58.5	62.4	70.8	51.5	48.0
<b>Latin America</b>	5.8	6.1	6.6	7.5	5.0	4.8	57.1	58.8	62.7	71.0	51.7	48.2
Mexico *	4.9	5.6	5.6	7.0	4.2	4.5	29.9	33.7	35.7	43.1	24.5	25.9
<b>Central American Isthmus</b>	5.3	6.8	6.1	8.1	4.6	5.6	70.8	82.2	80.2	96.9	61.7	69.2
Belize *	4.9	7.4	5.8	9.2	3.9	5.9	72.9	105.2	84.4	129.0	61.4	84.1
Costa Rica *	4.0	4.2	4.4	5.0	3.5	3.4	19.7	20.1	23.1	24.9	16.3	15.5
El Salvador b	6.7	7.3	8.0	9.4	5.5	5.6	67.1	70.4	76.4	86.5	58.8	57.3
Guatemala	5.6	7.7	6.5	9.2	4.7	6.4	103.1	121.6	116.5	140.3	90.3	105.3
Honduras #	5.0	6.9	5.6	7.9	4.5	5.9	70.4	88.4	78.7	106.2	62.2	73.2
Nicaragua	4.7	6.5	5.4	7.7	4.0	5.3	34.0	40.5	39.7	48.8	28.4	32.8
Panama	5.6	5.8	6.3	6.9	4.9	4.8	67.4	68.4	79.5	84.2	55.0	52.8
<b>Latin Caribbean</b>	7.2	5.8	8.0	7.0	6.4	4.7	57.7	46.9	63.4	55.4	52.1	39.0
Cuba *	8.2	5.1	8.8	6.0	7.6	4.3	61.3	37.5	65.6	44.8	57.0	30.9
Dominican Republic b	6.1	7.0	7.1	8.3	5.2	5.8	57.1	63.0	63.7	71.9	50.6	54.2
French Guiana a, **	2.9	4.4	3.6	5.6	2.3	3.3	25.7	40.3	32.0	49.6	19.4	30.8
Guadeloupe a, **	6.1	3.9	6.9	5.1	5.5	3.0	38.0	23.1	44.6	32.1	32.0	16.1
Haiti	...	...	...	...	...	...	...	...	...	...	...	...
Martinique a, **	6.8	3.6	7.6	4.7	6.1	2.8	35.4	17.8	39.5	22.5	31.8	14.4
Puerto Rico *	7.9	4.9	8.9	6.4	6.9	3.6	55.9	35.6	63.0	46.3	49.4	26.8
<b>Andean Area</b>	5.4	6.4	6.2	7.8	4.5	5.1	62.4	73.2	70.1	87.9	54.7	60.0
Bolivia (Plurinational State of)	...	...	...	...	...	...	...	...	...	...	...	...
Colombia b	5.6	6.7	6.5	8.2	4.7	5.3	39.7	45.6	47.5	57.6	32.1	35.0
Ecuador	5.3	5.9	6.0	7.0	4.6	4.8	56.0	60.3	63.3	72.0	48.7	49.2
Peru b	5.5	6.6	6.1	7.8	4.9	5.5	128.4	154.5	137.1	179.0	119.6	132.2
Venezuela (Bolivarian Republic of) b, *	4.9	5.9	6.1	7.5	3.8	4.4	35.9	42.8	42.1	52.4	29.7	33.8
<b>Brazil *</b>	6.0	6.1	6.9	7.7	5.1	4.8	61.3	62.0	66.1	73.6	56.6	51.9
<b>Southern Cone</b>	7.1	5.7	7.5	7.2	6.7	4.5	74.1	56.4	74.2	69.9	74.0	46.1
Argentina *	7.8	5.9	8.2	7.7	7.3	4.6	93.4	67.7	92.4	84.9	94.3	55.2
Chile *	5.7	4.6	6.1	5.7	5.3	3.6	39.9	30.7	41.6	38.5	38.2	24.1
Paraguay	5.6	7.1	6.1	8.0	5.1	6.2	53.8	65.3	58.4	74.5	49.1	56.6
Uruguay *	9.6	5.7	10.0	7.5	9.1	4.3	57.2	33.4	56.2	42.0	58.1	26.8
<b>Non-Latin Caribbean</b>	6.2	6.8	6.9	8.8	5.6	5.4	54.1	59.3	59.5	76.4	48.8	47.5
Anguilla *	5.0	4.7	5.7	5.5	4.3	3.9	-	-	-	-	-	-
Antigua & Barbuda *	5.2	5.5	5.8	6.7	4.6	4.5	46.6	47.5	46.8	50.9	46.4	43.8
Aruba **	5.2	3.8	6.1	5.3	4.4	2.8	40.3	29.4	52.2	46.2	29.6	17.8
Bahamas b, *	5.4	5.5	6.0	6.9	4.7	4.4	64.5	63.8	60.5	62.6	68.4	63.9
Barbados b, *	8.1	6.1	8.3	7.8	7.9	4.9	94.9	68.4	92.0	84.3	97.6	57.8
Cayman Islands **	3.2	2.5	3.1	2.7	3.2	2.4	29.8	22.2	15.3	13.2	43.6	29.1
Curaçao	...	...	...	...	...	...	...	...	...	...	...	...
Dominica *	8.4	6.9	9.0	8.2	7.9	5.8	71.0	51.1	78.4	68.5	63.4	38.0
Grenada *	7.5	7.0	8.0	8.1	6.9	5.8	71.2	66.7	79.4	79.0	62.8	53.6
Guyana a, *	6.8	12.6	7.7	18.7	5.9	9.3	92.0	144.4	109.0	214.1	74.5	102.3
Jamaica a, **	6.1	6.0	6.7	7.3	5.5	4.8	38.3	38.1	41.7	44.9	35.0	32.1
Montserrat *	8.7	10.4	8.1	7.7	9.2	23.0	-	-	-	-	-	-
Saint Kitts & Nevis b, *	6.7	6.1	7.1	7.1	6.3	5.2	39.4	35.0	43.4	38.8	35.5	31.7
Saint Lucia b, *	7.1	5.7	7.5	6.7	6.7	4.8	46.2	33.3	44.2	33.5	48.2	33.6
Saint Vincent & the Grenadines *	8.8	8.3	9.6	9.8	8.0	6.8	93.0	86.5	106.8	107.9	78.7	66.9
Sint Maarten (Dutch part)	...	...	...	...	...	...	...	...	...	...	...	...
Suriname b, **	5.2	6.0	5.8	7.4	4.7	4.9	58.6	65.5	65.7	80.3	51.4	54.1
Trinidad & Tobago	...	...	...	...	...	...	...	...	...	...	...	...
Turks & Caicos Islands **	1.7	2.6	1.7	2.9	1.7	2.4	6.3	6.8	8.3	7.4	4.2	5.6
Virgin Islands (UK)	...	...	...	...	...	...	...	...	...	...	...	...
Virgin Islands (US) b, *	6.8	4.6	8.7	6.5	5.2	3.0	31.3	20.1	44.7	27.2	19.6	15.6

BI 18-28: (a) value 2011; (b) value 2012; (#) country data refers to hospital deaths that cover 20% of all expected deaths.  
 (\*) observed rates, good quality data; (\*\*) observed rates without input for correction.



# mortality indicators

2013 mortality rate from malignant neoplasms (100,000 pop) (2013)						2013 mortality rate from external causes (100,000 pop) (2013)						2013 age-adjusted mortality rate, 2013 (100,000 pop)			2013 sex ratio homicide (male to female)
2013		2013		2013		2013		2013		2013		2013	2013	2013	2013
total		male		female		total		male		female		suicide	land transport accidents	male homicide	2013
corrected	adjusted	corrected	adjusted	corrected	adjusted	corrected	adjusted	corrected	adjusted	corrected	adjusted				
127.3	103.2	134.8	119.7	120.1	91.0	66.1	62.8	102.8	101.1	30.6	26.4	7.7	14.6	28.9	7.2
185.5	112.1	197.9	131.6	173.4	97.2	59.6	50.0	80.8	71.4	39.1	29.2	11.2	10.1	7.7	3.6
188.6	97.3	205.4	121.3	172.9	82.2	28.8	31.2	59.5	63.0	-	-	-	16.3	15.4	...
210.2	119.6	221.6	138.7	198.9	105.1	45.8	33.7	57.9	46.9	33.9	20.8	9.5	5.9	2.1	2.3
182.8	111.3	195.3	130.8	170.6	96.3	61.1	51.8	83.3	74.1	39.6	30.1	11.4	10.6	8.3	3.7
92.3	97.5	96.7	112.0	88.1	87.0	69.7	70.1	115.5	118.3	25.5	24.6	5.5	17.2	41.3	9.3
92.6	97.8	96.9	112.2	88.3	87.2	70.0	70.4	115.9	118.7	25.6	24.7	5.5	17.3	41.4	9.3
58.8	69.9	59.6	78.1	58.0	64.0	52.9	55.0	88.4	94.6	19.4	19.9	4.7	13.4	31.9	7.6
64.8	88.5	63.5	92.0	66.1	86.0	74.9	84.3	124.9	145.7	26.3	28.6	7.0	14.1	51.3	9.0
56.0	94.2	62.7	117.0	49.4	76.4	80.1	93.3	138.7	164.3	21.7	24.6	5.6	24.2	69.6	6.7
90.7	96.7	96.6	112.2	84.6	84.4	41.3	40.6	64.6	64.4	17.2	16.4	6.2	12.0	12.9	10.5
86.5	101.2	77.3	97.4	94.7	103.7	113.1	115.4	202.3	215.0	32.6	32.1	13.0	23.7	115.8	8.3
56.6	93.5	52.6	91.2	60.3	95.6	96.1	115.0	160.8	201.3	34.4	39.2	4.0	10.7	69.4	6.2
40.0	58.5	42.9	68.7	37.0	50.5	51.9	61.3	82.8	102.1	21.0	23.6	8.6	12.6	24.4	10.0
60.7	89.6	57.9	91.1	63.5	89.0	53.8	59.1	88.0	98.1	20.4	22.4	9.4	16.4	19.2	11.5
91.0	98.2	95.5	109.1	86.4	89.2	50.2	51.2	85.5	87.9	14.2	14.1	3.9	13.5	35.1	13.5
143.3	110.5	160.5	130.1	126.2	94.4	70.2	62.6	103.8	98.8	36.9	26.9	7.4	16.7	26.8	7.2
204.0	130.8	230.2	156.6	177.6	109.3	67.0	47.3	80.9	63.7	52.9	30.3	10.1	7.1	8.5	3.6
81.2	98.7	86.8	109.0	75.7	89.7	79.7	84.1	131.9	140.4	27.3	28.6	5.1	30.0	41.2	8.4
50.2	83.2	56.5	109.5	43.9	65.2	48.5	54.9	75.0	86.6	22.0	24.3	9.4	13.4	15.3	7.0
135.8	88.1	162.8	117.0	111.6	66.5	54.9	47.6	80.5	74.6	32.0	24.4	6.3	11.4	9.7	4.8
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
177.3	94.0	208.1	119.8	150.9	75.3	42.3	33.8	69.2	61.2	19.4	10.8	7.8	4.7	6.3	...
140.9	89.2	161.9	113.2	121.4	71.8	59.3	52.6	101.0	93.6	20.6	14.7	5.7	9.4	46.6	15.3
92.7	113.5	90.3	121.3	95.0	108.1	88.2	90.1	148.4	152.6	28.5	29.2	4.8	19.2	54.8	10.7
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
98.8	120.8	95.3	130.1	102.2	114.6	96.9	98.3	170.9	174.9	25.2	25.9	6.6	20.3	92.6	12.7
85.7	99.2	83.9	103.0	87.6	96.5	78.7	81.7	125.3	132.1	32.1	32.3	6.3	29.3	21.9	7.2
103.1	127.6	99.8	134.1	106.4	123.4	66.3	70.2	96.2	104.3	36.2	37.1	3.5	7.6	7.5	4.0
76.2	95.1	76.5	104.1	75.9	88.5	101.1	101.1	177.4	176.9	24.3	25.2	2.6	23.6	60.3	16.0
96.4	99.2	104.8	119.5	88.3	83.8	74.7	73.1	124.9	123.1	26.1	24.9	5.1	20.5	49.4	10.9
140.4	116.0	149.4	140.8	131.7	99.5	50.6	47.7	77.3	75.7	24.8	21.0	8.0	14.0	9.6	6.2
144.3	116.3	154.1	143.6	134.8	98.6	49.7	46.8	76.2	74.8	24.2	20.3	7.0	12.9	8.9	6.3
139.6	113.8	146.9	136.3	132.4	98.5	42.8	38.8	65.9	62.2	20.3	16.3	9.2	11.5	6.6	6.7
79.2	107.2	78.4	112.9	80.1	103.5	66.7	70.6	101.1	107.4	31.7	33.5	7.3	27.3	20.6	5.6
222.4	141.3	255.6	190.3	191.3	108.6	69.7	58.3	99.6	91.1	41.7	28.1	14.6	13.0	10.4	4.1
109.2	115.6	119.2	145.9	99.4	98.7	68.2	72.5	112.2	124.6	25.3	25.3	7.9	12.4	44.5	6.0
114.3	109.2	118.9	112.7	110.0	106.0	57.1	56.9	92.4	93.3	24.4	23.8	-	14.3	14.0	...
97.6	104.1	121.7	142.2	75.9	77.6	36.6	37.6	51.5	54.8	23.2	22.7	-	1.1	-	...
115.4	81.1	133.3	115.4	99.3	61.8	40.3	35.0	61.8	54.8	20.9	17.5	1.2	11.5	9.8	5.0
99.2	102.0	104.4	132.3	94.2	86.6	63.2	60.7	107.2	103.5	21.0	20.3	1.2	11.5	59.9	8.9
174.5	133.8	196.1	179.9	154.2	105.5	40.0	34.7	53.9	51.5	26.9	19.2	-	6.7	-	...
89.3	68.7	106.8	85.2	72.7	54.5	29.8	30.5	53.4	54.4	7.3	7.2	1.3	7.4	18.9	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
158.3	125.2	181.2	158.2	135.0	105.7	61.4	58.1	97.3	94.0	24.8	22.9	1.4	13.1	30.6	6.0
133.2	120.8	155.1	155.4	110.8	95.3	42.9	42.8	63.1	64.5	22.2	20.5	-	9.9	8.4	2.5
61.2	123.8	53.5	183.7	69.1	110.2	96.6	121.7	153.6	213.8	37.8	45.2	28.9	22.8	30.9	2.7
119.2	123.2	133.4	148.2	105.4	105.5	69.7	71.6	118.7	124.6	22.3	21.4	1.9	11.9	61.3	7.6
173.4	212.2	231.3	226.8	115.6	145.7	57.8	85.5	77.1	126.8	38.5	118.5	-	29.5	-	-
122.2	113.3	130.2	127.9	114.2	104.7	71.0	68.0	110.5	107.8	31.5	27.0	3.9	9.3	49.2	13.0
152.3	128.7	164.3	145.5	140.9	115.2	62.9	58.8	102.4	99.3	25.3	20.6	5.7	-	38.3	6.2
167.6	156.6	179.3	182.5	155.5	138.6	57.2	56.2	95.4	93.5	17.7	17.7	-	7.1	38.6	7.0
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
66.2	75.9	70.5	91.3	61.9	64.7	62.1	64.4	94.1	100.5	30.0	30.5	25.5	11.6	7.9	2.3
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
33.5	58.0	24.9	48.0	42.3	67.7	18.8	18.3	16.6	12.7	21.1	22.1	-	1.8	9.8	3.0
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
145.3	77.9	178.7	100.2	116.0	61.3	93.1	112.1	168.5	219.6	26.8	26.1	10.9	15.1	141.6	24.5

BI 25: (a) ratio 4/0; (b) ratio 11/0; (c) ratio 1/0; (d) ratio 5/0.

# mortality indicators

26Tc 26To 26Mc 26Ma 26Fc 26Fo						27Tc 27To 27Mc 27Ma 27Fc 27Fo						28Tc 28To 28Mc 28Ma 28Fc 28Fo					
mortality rate from diabetes mellitus (100,000 pop) (2013)						mortality rate from ischemic heart diseases (100,000 pop) (2013)						mortality rate from cerebrovascular diseases (100,000 pop) (2013)					
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
31.8	31.9	31.1	34.0	32.5	30.2	78.6	63.1	90.5	82.9	67.2	46.6	40.3	34.9	38.1	38.7	42.4	31.6
23.3	13.8	25.0	16.7	21.7	11.3	113.8	61.8	130.2	83.8	98.0	43.4	40.1	21.0	33.9	21.5	46.2	20.2
33.1	18.4	35.7	22.6	30.7	14.9	105.1	52.7	131.0	80.4	80.9	29.3	44.6	20.5	41.7	24.4	47.4	16.7
20.9	10.9	22.4	13.7	19.4	8.6	97.3	48.7	110.0	66.2	84.9	33.5	38.5	18.2	32.1	18.6	44.9	17.5
23.6	14.1	25.3	17.1	22.0	11.6	115.7	63.3	132.4	85.8	99.5	44.5	40.3	21.3	34.1	21.8	46.3	20.5
36.6	42.5	34.6	44.0	38.6	41.2	57.5	63.6	66.7	82.0	48.7	48.3	40.2	42.8	40.4	48.6	40.0	38.1
36.6	42.4	34.6	44.0	38.5	41.1	57.8	63.9	67.0	82.3	48.9	48.5	40.1	42.8	40.3	48.5	39.9	38.0
69.7	84.9	69.8	92.9	69.7	78.3	61.3	73.1	70.7	94.8	52.3	55.8	25.5	30.4	25.3	33.9	25.7	27.7
36.1	55.7	30.2	49.6	41.9	61.0	46.5	65.3	49.4	75.6	43.6	56.2	31.0	44.5	30.5	47.8	31.5	41.7
46.1	83.6	36.2	70.5	56.0	96.3	28.0	52.0	30.8	63.5	25.3	41.9	28.9	52.5	32.0	61.3	25.9	44.8
14.6	15.5	13.5	15.7	15.7	15.4	54.7	57.8	62.3	72.4	46.8	44.2	26.2	27.5	24.6	28.9	27.9	26.2
41.4	49.6	32.6	43.5	49.3	54.1	60.0	65.8	62.1	77.4	58.1	56.8	27.7	30.4	26.1	32.0	29.2	29.1
38.0	67.0	32.1	60.0	43.7	73.0	37.9	64.1	41.1	74.7	34.8	55.0	25.0	41.7	24.2	43.3	25.8	40.2
40.5	67.6	33.0	57.9	48.0	76.0	29.3	48.9	28.4	52.2	30.3	45.4	40.2	66.0	40.5	73.4	39.8	59.8
36.5	57.9	31.7	53.4	41.1	61.9	63.6	98.4	64.9	110.3	62.4	87.7	30.4	46.8	28.5	48.1	32.3	45.6
36.4	39.2	31.0	35.9	41.9	42.0	60.5	62.9	68.5	77.6	52.2	49.4	49.1	50.6	51.9	58.4	46.2	43.4
32.1	26.2	30.2	26.6	34.0	25.9	109.6	88.7	120.6	105.9	98.7	72.8	66.9	55.3	69.7	63.5	64.1	47.7
20.7	12.9	16.5	11.2	24.9	14.4	139.6	82.1	149.7	98.5	129.4	66.9	80.4	46.8	79.5	51.9	81.4	42.1
26.5	32.5	25.0	31.4	28.0	33.4	97.5	118.3	108.0	136.3	87.0	100.9	65.1	78.9	72.1	91.3	58.0	67.0
13.9	25.2	13.5	26.7	14.4	24.5	8.9	13.4	15.2	22.8	2.5	4.5	21.9	40.5	25.3	49.2	18.6	30.8
26.2	15.4	28.1	19.7	24.6	12.0	21.9	13.8	24.4	17.9	19.7	10.5	56.6	32.4	62.5	42.7	51.3	24.5
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
34.6	15.9	31.4	17.4	37.4	14.5	21.7	10.3	27.6	15.8	16.6	5.8	57.5	26.7	64.9	35.2	51.2	20.4
84.8	51.4	90.7	63.2	79.3	42.3	81.0	46.7	95.1	65.1	67.9	32.3	36.4	20.3	35.7	23.7	37.0	17.6
25.1	31.8	23.7	32.4	26.5	31.0	60.0	77.1	69.5	98.3	50.7	59.0	32.5	41.1	31.8	44.3	33.1	38.2
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19.5	24.9	16.7	23.8	22.1	25.6	82.4	106.4	92.1	133.9	73.0	84.3	36.3	46.5	33.4	48.3	39.2	45.0
40.7	48.3	38.5	48.7	42.9	47.7	26.1	30.1	32.2	40.0	20.1	21.1	31.5	36.2	32.7	40.4	30.4	32.3
15.9	20.2	15.9	21.9	15.9	18.7	23.4	29.3	27.7	37.9	19.0	21.5	21.4	26.5	22.1	29.6	20.7	23.7
35.1	45.6	34.6	47.7	35.7	43.4	78.7	102.8	95.3	133.2	62.0	75.3	37.8	49.8	38.3	54.9	37.2	45.0
28.9	29.9	26.1	30.2	31.7	29.5	53.2	54.7	63.1	71.9	43.7	40.4	49.9	51.1	51.0	59.3	48.8	44.5
22.4	20.1	22.1	22.4	22.7	18.5	48.6	39.7	58.4	56.8	39.0	25.9	47.7	37.7	46.9	45.2	48.5	31.8
19.2	14.8	20.5	19.0	18.0	11.8	48.5	36.3	57.8	53.7	39.6	22.8	44.7	32.7	44.9	41.3	44.5	26.2
21.2	16.8	20.4	18.9	22.0	15.1	43.9	34.8	55.1	50.6	33.0	21.9	51.1	39.4	51.1	47.3	51.1	33.2
44.4	63.5	35.7	54.1	53.2	72.2	51.2	73.3	59.3	90.4	43.0	57.4	43.6	62.4	41.2	63.6	46.0	61.0
23.1	13.2	22.5	16.2	23.7	10.9	67.6	37.8	80.6	58.1	55.5	23.0	75.4	39.3	61.7	43.1	88.2	36.0
66.1	72.4	54.6	71.9	77.3	74.1	49.4	58.7	54.6	83.3	44.2	43.2	69.2	78.6	65.8	95.8	72.6	68.3
19.0	15.5	13.2	12.4	24.4	18.9	57.1	53.8	52.8	53.1	61.1	49.0	44.4	39.9	39.6	36.5	48.9	43.7
55.5	59.6	46.8	54.5	63.3	63.4	44.4	47.4	56.2	69.8	33.7	31.3	43.3	48.2	51.5	62.8	35.9	37.0
26.6	18.8	17.4	14.0	34.8	21.7	38.5	26.9	46.4	37.6	31.4	19.8	40.3	28.7	40.6	34.6	40.1	25.3
29.3	30.8	30.2	39.4	28.4	26.1	47.6	49.1	58.8	70.3	36.8	33.6	40.6	42.3	41.8	51.8	39.5	35.7
64.3	45.9	52.4	49.0	75.4	43.2	58.4	42.4	56.8	51.6	59.9	35.3	79.6	57.7	74.0	70.8	84.8	48.3
14.9	11.0	7.6	7.0	21.8	14.4	20.5	15.4	22.9	18.5	18.2	11.8	13.0	9.9	15.3	12.1	10.9	7.4
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
61.4	42.8	59.5	51.4	63.4	35.0	35.5	26.7	29.7	26.8	41.3	27.0	72.3	53.0	62.2	54.5	82.6	51.3
72.1	65.6	54.1	54.6	90.5	73.8	78.5	71.2	92.0	92.6	64.6	53.7	83.9	76.5	70.4	70.4	97.9	77.9
60.8	126.5	50.8	143.5	71.2	119.9	73.3	155.9	87.1	260.1	59.1	101.1	74.1	169.3	70.4	245.0	77.9	135.5
82.3	79.5	65.3	71.6	98.7	85.7	39.4	37.4	41.1	45.1	37.7	30.5	77.0	72.4	73.2	79.9	80.6	65.7
231.3	267.2	192.8	137.5	269.7	768.9	134.9	160.0	77.1	72.2	192.7	467.8	57.8	74.2	77.1	88.5	38.5	118.5
71.0	61.7	67.1	68.0	74.8	55.1	59.1	55.0	43.4	44.4	74.8	63.5	86.7	76.6	63.1	68.3	110.3	81.7
52.4	39.9	45.5	40.0	59.0	39.5	41.3	32.9	37.9	36.2	44.5	29.6	85.7	61.5	70.8	60.8	99.9	61.0
103.7	95.3	101.1	103.5	106.3	86.9	123.0	110.7	108.8	111.7	137.8	105.3	87.2	79.6	89.7	92.0	84.6	67.2
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
38.5	45.6	34.7	44.9	42.4	45.0	47.3	55.4	59.3	76.6	35.3	37.3	53.3	63.4	51.5	68.4	55.1	57.6
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14.7	26.4	12.4	25.8	16.9	25.8	39.8	69.0	53.9	102.9	25.4	41.4	10.5	17.9	8.3	20.9	12.7	17.3
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
38.0	19.8	46.7	26.6	30.3	14.9	70.3	39.0	93.4	53.2	50.0	27.4	29.4	15.7	30.5	17.7	28.6	14.6



# morbidity indicators

	29 tuberculosis incidence rate (100,000 pop)	30 malaria risk areas pop (%)	31 malaria API (1,000 pop)	32 malaria reported cases	33 dengue reported cases	34 aids incidence rate (100,000 pop)	35 sex ratio aids cases (male to female)	36 low birthweight ( $< 2,500$ g) (%) 2011-14, low
	2013	2013	2013	2013	2014	2013	2013	
<b>The Americas</b>	22.8	7.1	10.4	430,671	1,176,588 <sup>(8)</sup>	9.0	3.0	7.8
<b>North America</b>	3.0	-	-	2,083	471	7.6	3.2	7.8
Bermuda	-	-	-	-	1	4.3 <sup>(a)</sup>	...	7.9
Canada	4.7	-	-	489 <sup>(#)</sup>	-	0.4	3.2	6.1
United States of America	2.8	-	-	1,594 <sup>(#)</sup>	470	8.3	3.2	8.0
<b>Latin America &amp; the Caribbean</b>	34.0	11.1	16.3	428,588	1,176,061	9.9	3.0	7.8
<b>Latin America</b>	34.3	11.1	16.4	396,347	1,163,916	9.8	3.0	7.8
<b>Mexico</b>	16.9	0.1	4.2	499	124,943	4.6	4.6	5.5
<b>Central American Isthmus</b>	29.7	4.9	4.9	13,580	173,820	4.6	2.7	9.8
Belize	36.5	1.0 <sup>(#)</sup>	8.1 <sup>(#)</sup>	26	5,026	...	...	9.7
Costa Rica	8.4	6.3 <sup>(#)</sup>	- <sup>(#)</sup>	6	11,140	1.2	3.3	7.0
El Salvador	34.3	- <sup>(#)</sup>	2.2 <sup>(#)</sup>	7	53,460	1.0	3.1	8.9
Guatemala	21.4	5.4	5.8	6,214	19,791	6.1 <sup>(a)</sup>	2.1 <sup>(a)</sup>	11.4
Honduras	36.8	7.7	8.6	5,428	43,456	4.2	1.9	9.1
Nicaragua	48.5	4.2	4.7	1,194	35,430	1.0	4.6	8.8
Panama	37.5	4.2	4.3	705	5,517	14.9	2.8	7.7
<b>Latin Caribbean</b>	63.2	11.6	3.1	22,463	22,172	6.2	...	10.3
Cuba	6.7	-	-	48 <sup>(#)</sup>	2,522	3.1 <sup>(b)</sup>	5.6 <sup>(b)</sup>	5.1
Dominican Republic	42.8	0.9	5.1	579	6,273	...	...	14.3
French Guiana	...	58.5	5.7	875	1,180	...	...	...
Guadeloupe	...	-	-	2 <sup>(#)</sup>	1,397	...	...	10.1
Haiti	165.2	38.4	5.5	20,957	240 <sup>(b)</sup>	7.5 <sup>(a)</sup>	...	9.1
Martinique	...	-	-	1 <sup>(#)</sup>	1,680	...	...	12.3
Puerto Rico	1.4	-	-	1 <sup>(#)</sup>	8,880	11.7	...	10.5
<b>Andean Area</b>	45.5	4.4	33.2	181,224	238,591	4.3	3.1	7.9
Bolivia (Plurinational State of)	78.0	2.9	24.1	7,342	23,726	2.8	2.1	...
Colombia	24.3	6.8	15.2	51,722	105,356	2.8	3.7	8.9
Ecuador	33.5	0.3	9.1	378	15,446	10.3 <sup>(c)</sup>	2.4 <sup>(c)</sup>	8.6
Peru	97.9	4.4	31.7	43,139	19,043	3.9	2.9	6.4
Venezuela (Bolivarian Republic of)	21.6	3.2	79.1	78,643	75,020	...	...	7.7
<b>Brazil</b>	37.9	27.7 <sup>(^^)</sup>	23.2 <sup>(^^)</sup>	178,546	591,080	19.7	1.8	8.5
<b>Southern Cone</b>	20.9	-	-	35	13,310	3.9	3.5	7.0
Argentina	21.6	-	-	5 <sup>(#)</sup>	3,270	2.6	3.0	7.4
Chile	13.7	-	-	6 <sup>(#)</sup>	30	5.5	5.6	6.2
Paraguay	33.2	-	-	11 <sup>(#)</sup>	10,010	5.0	1.9	6.1
Uruguay	25.9	-	-	13 <sup>(#)</sup>	-	8.4	2.5	7.5
<b>Non-Latin Caribbean</b>	17.4	10.3	5.3	32,241	12,145	22.0	1.6	10.5
Anguilla	-	-	-	-	86	...	...	26.0
Antigua & Barbuda	11.1	-	-	-	37	53.9 <sup>(a)</sup>	2.4 <sup>(a)</sup>	4.7
Aruba	10.1	-	-	...	400	...	...	...
Bahamas	8.7	-	-	2 <sup>(#)</sup>	146	52.7	1.1	12.5
Barbados	1.4	-	-	5 <sup>(#)</sup>	2,686	27.1 <sup>(a)</sup>	1.9 <sup>(a)</sup>	11.0
Cayman Islands	9.3	-	-	3 <sup>(#)</sup>	124	5.6	2.0	10.0
Curaçao	1.4	-	-	...	194	...	...	...
Dominica	4.1	-	-	2 <sup>(#)</sup>	7	9.6	2.5	10.0
Grenada	0.9	-	-	2 <sup>(#)</sup>	39	19.3 <sup>(a)</sup>	4.3 <sup>(a)</sup>	11.3
Guyana	84.9	91.6	43.0	31,479	863	11.0	1.4	11.0
Jamaica	3.4	-	-	6 <sup>(#)</sup>	928	24.5	1.3	10.4
Montserrat	-	-	-	-	17	...	...	4.0
Saint Kitts & Nevis	-	-	-	-	75	19.6	9.0	8.7
Saint Lucia	5.5	-	-	1 <sup>(#)</sup>	167	9.2	2.8	11.1
Saint Vincent & the Grenadines	2.9	-	-	-	117	46.2 <sup>(a)</sup>	0.8 <sup>(a)</sup>	19.8
Sint Maarten (Dutch part)	5.0	-	-	1 <sup>(#)</sup>	404	- <sup>(c)</sup>	- <sup>(c)</sup>	18.0
Suriname	26.1	3.9	8.4	729	197	49.0 <sup>(a)</sup>	1.2 <sup>(a)</sup>	...
Trinidad & Tobago	18.6	-	-	13 <sup>(#)</sup>	5,157	4.2	1.8	9.3
Turks & Caicos Islands	4.2	-	-	...	252	6.5 <sup>(a)</sup>	...	8.2
Virgin Islands (UK)	3.1	-	-	...	239	- <sup>(a)</sup>	- <sup>(a)</sup>	11.7
Virgin Islands (US)	...	-	-	-	10	12.4	...	9.6

## Cholera, 2014

Country	Cases	Deaths
CAN <sup>(*)</sup>	2	0
CHL <sup>(*)</sup>	1	0
CUB	76	...
DOM	603	11
HTI	27,753	296
MEX	14	...
USA <sup>(*)</sup>	7	0
<b>TOTAL</b>	<b>28,456</b>	<b>307</b>

<sup>(\*)</sup> preliminary; <sup>(\*)</sup> all imported.

## Measles, 2014

Country	Cases
ARG	1
BRA	727
CAN	418
CRI	1
MEX	3
USA	667
<b>TOTAL</b>	<b>1,817</b>

imported cases or related to importation

## Yellow Fever, 2014

Country	Cases	Deaths
BRA	1	0
PER <sup>(*)</sup>	13	12
<b>TOTAL</b>	<b>14</b>	<b>12</b>

<sup>(\*)</sup> one imported case

## Source:

PAHQ/WHO. Data provided by Ministries of Health and Health Agencies of countries. As of 15 May 2015.



# resources, access & coverage indicators

	37 human resources per 10,000 pop			39 hospital beds per 1,000 pop	41A national health expenditure as a % of GDP		42 health care by trained personnel (%)			44 immunization coverage (%), 2014				48 contraceptive use (women, all methods) (%)
	physicians c2013	nurses c2013	dentists c2013		public 2013	private 2013	antenatal (at least 4 visits)	at birth	year	under 1 year of age		1 year of age		
										DPT3 + Hib3	Polio3	BCG	MMR1	
<b>The Americas</b>	...	...	...	2.3			89.9	95.6		90	90	95	92	...
<b>North America</b>	25.9	110.9	6.2	2.8			96.6	99.4		94	93	n/a	92	62
Bermuda	...	...	...	5.5	...	...	98.0	99.0	2014	99	99	n/a	84	...
Canada	25.0	106.4 <sup>a</sup>	6.1	2.7	7.6	3.1 <sup>#</sup>	...	99.9	2011	96 <sup>h</sup>	96 <sup>h</sup>	n/a	95 <sup>l,h</sup>	...
United States of America	26.0	111.4 <sup>a</sup>	6.2	2.9	8.1	9.1	96.6	99.3	2012	94 <sup>l,g</sup>	93 <sup>l,g</sup>	n/a	91 <sup>l,g</sup>	62
<b>Latin America &amp; the Caribbean</b>	...	...	...	2.0			86.6	93.8		88	88	95	93	...
<b>Latin America</b>	17.6	13.8	4.3	2.0			86.7	93.9		88	88	95	92	...
<b>Mexico</b>	21.2	25.1	1.0	1.6	3.2	3.0	90.8	96.1	2013	87	87	96	98	38
<b>Central American Isthmus</b>	11.6	9.2	3.1	1.0			82.2	76.6		83	79	90	82	62
Belize	11.5	11.1	...	1.3	3.4	2.0	...	93.2	2014	95	95	98	95	...
Costa Rica	22.8	24.4	9.3	1.1	7.4	2.5	90.2 <sup>c</sup>	98.0	2014	91	91	80	95	75
El Salvador	15.5	11.2	5.3	1.3 <sup>b</sup>	4.6	2.3	75.2	...	2014	94	93	85	95	...
Guatemala	7.5	6.0	1.4	0.6 <sup>b</sup>	2.4	4.1	...	62.8	2013	73	65	91	67	54
Honduras	10.0	3.8	...	0.7 <sup>b</sup>	4.3	4.4	89.0	83.0	2012	85	85	86	88	73
Nicaragua	8.8	7.5	0.5	0.9 <sup>b</sup>	4.5	3.9	71.0	95.0	2014	100 <sup>*</sup>	100 <sup>*</sup>	100 <sup>*</sup>	100 <sup>*</sup>	55
Panama	16.0	13.6	3.1	2.3	4.9	2.3	87.9	92.8	2013	80	80	99	90	63
<b>Latin Caribbean</b>	33.7	29.8	5.3	2.7			84.1	78.7		79	85	85	79	...
Cuba	75.0	79.2	13.7	5.2	9.6 <sup>#</sup>	...	97.8	99.9	2014	100 <sup>*</sup>	100 <sup>i</sup>	99	100 <sup>*</sup>	77
Dominican Republic	21.2	3.8	1.7	1.6	2.8	2.7	95.4	98.6	2013	91	90	100 <sup>*</sup>	87	68
French Guiana	...	...	...	2.7	...	...	...	...	...	...	...	...	...	...
Guadeloupe	...	...	...	5.2	...	...	...	100.0	2011	...	...	...	...	...
Haiti	2.3	3.5	0.1	0.7	0.7	8.7	67.0 <sup>d</sup>	50.0	2013	60	75	67	64 <sup>k</sup>	35
Martinique	...	...	...	4.1	...	...	90.9	99.9	2011	...	...	...	...	...
Puerto Rico	...	...	...	3.5	...	...	98.8	99.0	2013	...	...	...	...	...
<b>Andean Area</b>	14.9	10.1	4.8	1.3			82.6	94.2		86	84	92	87	...
Bolivia (Plurinational State of)	8.9	5.1	0.8	1.1	4.8	1.3	61.7 <sup>a</sup>	73.5	2013	85	85	96	86	...
Colombia	17.7	10.3	8.3	1.5	5.2	1.6	84.8	98.6	2012	90	90	89	91	...
Ecuador	15.9	7.9	2.6	1.5	3.9	3.6	79.5 <sup>d</sup>	94.7	2013	83	84	89	70	55
Peru	11.9	12.7	1.9	1.6	3.1	2.2	86.6	91.4	2014	88	78	94	89	75
Venezuela (Bolivarian Republic of)	...	...	...	0.8 <sup>b</sup>	...	...	86.9	99.5	2014	78	79	95	89	...
<b>Brazil</b>	15.1	7.1	5.5	2.2	4.7	5.0	88.9	99.1	2013	94	96	100 <sup>*</sup>	100 <sup>*</sup>	...
<b>Southern Cone</b>	21.1	15.5	8.3	3.8			...	99.3		91	90	96	92	...
Argentina	...	...	...	5.0	4.9	2.4	...	99.7	2013	94	92	100 <sup>*</sup>	95	81
Chile	18.2	15.3	7.7	2.2	3.7	4.1	...	99.8	2013	95	95	98	97	...
Paraguay	15.8	14.6	7.0	1.3	3.5	5.5	76.7	96.8	2013	74	74	77	73	...
Uruguay	47.3	18.0	14.4	2.8	6.1	2.6	95.9	99.9	2014	95	95	99	96	77
<b>Non-Latin Caribbean</b>	...	...	...	2.4			96.1	99.2		93	93	91	94	...
Anguilla	8.5	24.2	2.0	2.2	...	...	100.0 <sup>d</sup>	100.0	2014	100 <sup>*</sup>	100 <sup>*</sup>	100 <sup>*</sup>	100 <sup>*</sup>	...
Antigua & Barbuda	...	...	...	3.8	3.1	1.7	100.0	100.0	2014	100 <sup>*</sup>	96	n/a	100 <sup>*</sup>	45
Aruba	...	...	...	2.8	...	...	100.0	100.0	2012	...	...	...	...	...
Bahamas	...	27.5	2.2	2.9	3.2	4.1	85.0	98.0	2013	96	96	n/a	92	...
Barbados	...	...	...	5.8	4.1	2.6	98.0	98.6	2013	94	95	62	95	...
Cayman Islands	52.0	73.3	7.6	4.3	...	...	98.9	100.0	2014	97	97	79	86	...
Curaçao	...	...	...	4.2	...	...	...	...	...	95 <sup>f</sup>	95 <sup>f</sup>	n/a	93 <sup>f</sup>	48
Dominica	17.7	50.9	2.9	3.8	4.2	1.8	...	100.0	2014	97	97	98	94	...
Grenada	7.6	43.9	2.1	3.7	3.0	3.3	...	99.0	2014	97	81	n/a	94	...
Guyana	...	...	...	1.6	4.3	2.2	95.1	98.3	2013	98	97	99	100	34
Jamaica	...	...	...	1.7 <sup>b</sup>	3.4	2.5	...	99.9	2013	92	93	90	92	...
Montserrat	9.8	67.5	7.8	5.8	...	...	100.0	98.0	2014	100 <sup>*</sup>	100 <sup>*</sup>	100 <sup>*</sup>	100 <sup>*</sup>	...
Saint Kitts & Nevis	...	...	...	4.6	2.3	4.1	...	100.0	2014	98	96	99	93	...
Saint Lucia	12.9	30.3	1.3	1.3 <sup>b</sup>	4.7	3.8	...	...	...	99	99	89	100 <sup>*</sup>	...
Saint Vincent & the Grenadines	9.5	22.9	1.7	2.6	4.3	0.9	...	99.9	2014	98	97	100 <sup>*</sup>	100 <sup>*</sup>	...
Sint Maarten (Dutch part)	...	...	...	1.9	...	...	90.0	100.0	2013	95	95	...	98	...
Suriname	10.3	18.6	1.0	...	3.4	1.4	...	...	...	85	85	n/a	85	...
Trinidad & Tobago	18.1	35.1	2.6	3.0 <sup>b</sup>	2.6	2.8	100.0	100.0	2014	92	94	n/a	96	43
Turks & Caicos Islands	...	...	...	0.6	...	...	89.9	100.0	2014	91	91	99	98	...
Virgin Islands (UK)	...	...	...	1.9	...	...	100.0	100.0	2014	80	80	100 <sup>*</sup>	90	48
Virgin Islands (US)	...	...	...	...	...	...	92.9	...	2011	...	...	...	...	...

BI 38-47: (a) refers to professionally active nurses; (b) public sector; (c) value 2011; (d) value 2012; (e) value 2014; (f) value 2013; (g) age 19-35 months; (h) < 2 years; (i) polio 2 per country schedule; (k) MR < 1 year; (\*) reported coverage > 100%; (#) data reported by country.

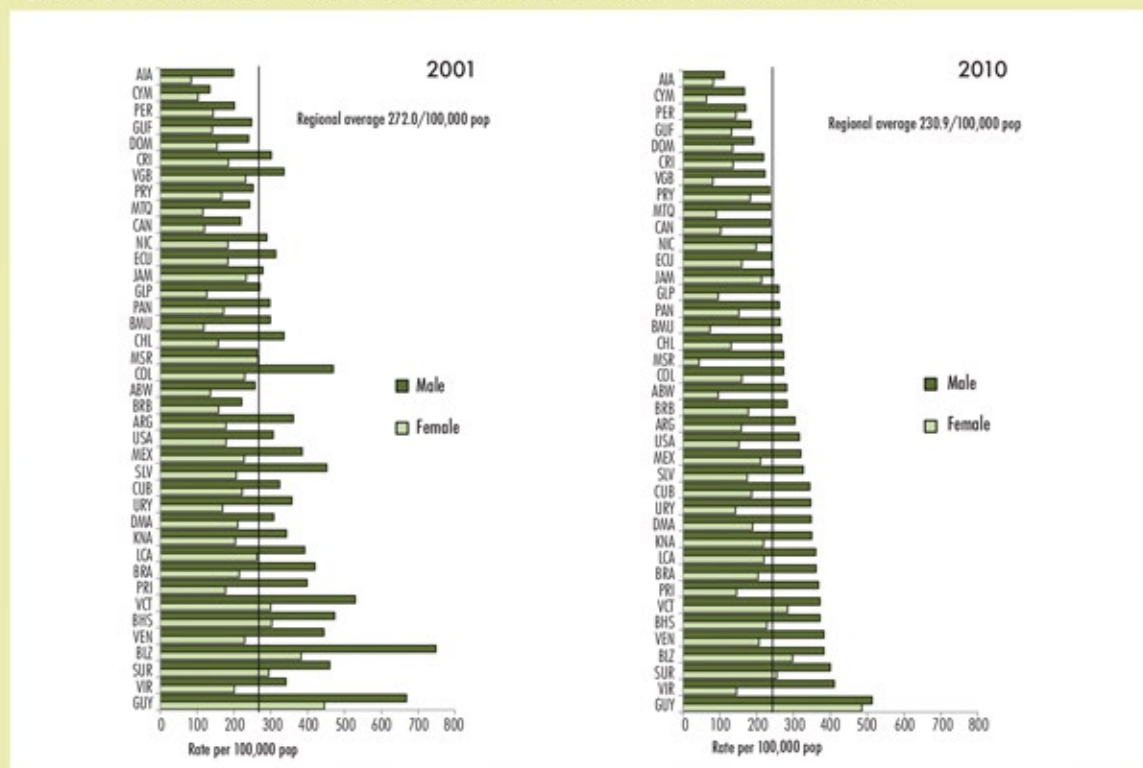
# socioeconomic indicators

	49T	49M	49F	50 calories availability (Kcal/po/day)	51A	51B	52 annual GDP growth (%)	53 highest 20%/ lowest 20% income ratio	54T	54U	54R	55T	55U	55R
	literate population (15+ years old) (%) 2015				gross national income (US\$ per capita), 2013				population (%) using improved					
	total	male	female		current value	ppp value			drinking water sources, 2015			sanitation facilities, 2015		
									total	urban	rural	total	urban	rural
2013				2013	2011-13 lay									
<b>The Americas</b>	93.4	93.9	92.9	3,220	26,179	28,777	2.7	...	96	98	89	89	92	76
<b>North America</b>	...	...	...	3,617	53,355	52,597	2.2	...	99	99	98	100	100	100
Bermuda	...	...	...	2,765 <sup>b</sup>	104,610 <sup>a</sup>	66,430 <sup>a</sup>	-4.9 <sup>a</sup>	...	100 <sup>a</sup>	100 <sup>a</sup>	100 <sup>a</sup>	100 <sup>a</sup>	100 <sup>a</sup>	100 <sup>a</sup>
Canada	...	...	...	3,419 <sup>b</sup>	52,210	42,120	2.0	...	100	100	99	100	100	99
United States of America	...	...	...	3,639 <sup>b</sup>	53,470	53,750	2.2	...	99	99	98	100	100	100
<b>Latin America &amp; the Caribbean</b>	93.4	93.9	92.9	2,980	9,399	13,754	3.0	...	94	97	83	83	88	63
<b>Latin America</b>	93.4	93.9	92.9	2,993	9,443	13,817	3.0	...	95	97	84	83	88	63
<b>Mexico</b>	95.1	96.2	94.2	3,072	9,940	16,020	1.1	11.1	96	97	92	85	88	75
<b>Central American Isthmus</b>	86.8	89.2	84.6	2,574	4,278	8,047	3.7	15.6	93	98	84	74	83	62
Belize	...	...	...	2,751	4,510	7,870	1.5	...	100	99	100	91	94	88
Costa Rica	97.8	97.7	97.8	2,898 <sup>b</sup>	9,550	13,570	3.5	12.8	98	100	92	95	95	92
El Salvador	88.0	90.4	86.0	2,513 <sup>b</sup>	3,720	7,490	1.7	8.4	94	98	87	75	82	60
Guatemala	81.5	87.4	76.3	2,419	3,340	7,130	3.7	14.8	93	98	87	64	78	49
Honduras	88.5	88.4	88.6	2,651 <sup>b</sup>	2,180	4,270	2.6	23.5	91	97	84	83	87	78
Nicaragua	82.8	82.4	83.2	2,564 <sup>b</sup>	1,790	4,510	4.6	...	87	99	69	68	77	56
Panama	95.0	95.7	94.4	2,733	10,700	19,300	8.4	17.6	95	98	89	75	84	58
<b>Latin Caribbean</b>	85.6	86.5	84.8	2,673	5,721	9,218	3.4	...	80	85	69	73	79	55
Cuba	99.8	99.9	99.8	3,277 <sup>b</sup>	5,890 <sup>b</sup>	...	2.7 <sup>b</sup>	...	95	96	90	93	94	89
Dominican Republic	91.8	91.2	92.3	2,614	5,770	11,630	4.6	10.3	85	85	82	84	86	76
French Guiana	...	...	...	...	...	...	...	...	92 <sup>c</sup>	95 <sup>c</sup>	75 <sup>c</sup>	92 <sup>c</sup>	95 <sup>c</sup>	76 <sup>c</sup>
Guadeloupe	96.5	96.4	96.6	...	...	...	...	...	99	99	100	97	97	90
Haiti	60.7	64.3	57.3	2,091	810	1,720	4.3	...	58	65	48	28	34	19
Martinique	97.0	97.6	96.4	...	...	...	...	...	100	100	100	92 <sup>c</sup>	94 <sup>c</sup>	73 <sup>c</sup>
Puerto Rico	93.3	92.8	93.8	...	19,210	23,840	-0.6	...	...	...	...	99	99	99
<b>Andean Area</b>	95.1	96.0	94.2	2,716	7,797	12,480	4.3	14.8	90	95	73	81	86	62
Bolivia (Plurinational State of)	95.7	97.8	93.6	2,254 <sup>b</sup>	2,550	5,750	6.8	15.2	90	97	76	50	61	28
Colombia	94.7	94.6	94.8	2,804	7,590	11,960	4.7	17.5	91	97	74	81	85	68
Ecuador	94.5	95.4	93.5	2,477 <sup>b</sup>	5,760	10,720	4.6	12.0	87	93	76	85	87	81
Peru	94.5	97.3	91.7	2,700	6,270	11,160	5.8	11.9	87	91	69	76	83	53
Venezuela (Bolivarian Republic of)	96.3	96.4	96.2	2,880 <sup>b</sup>	12,550	17,900	1.3	...	93	95	78	94	98	70
<b>Brazil</b>	92.6	92.2	92.9	3,263	11,690	14,750	2.5	16.9	98	100	87	83	88	52
<b>Southern Cone</b>	97.7	97.7	97.7	3,046	12,444	17,486	4.4	11.3	99	99	96	96	97	90
Argentina	98.1	98.0	98.1	3,155 <sup>b</sup>	...	...	2.9	10.6	99	99	100	96	96	98
Chile	97.5	97.6	97.4	2,989 <sup>b</sup>	15,230	21,060	4.1	12.6	99	100	93	99	100	91
Paraguay	95.6	96.1	95.0	2,589	4,010	7,670	14.2	13.0	98	100	95	89	96	78
Uruguay	98.5	98.2	98.8	2,939 <sup>b</sup>	15,180	18,940	4.4	9.0	100	100	94	96	97	93
<b>Non-Latin Caribbean</b>	92.1	89.7	94.3	2,757	9,118	13,874	1.8	...	96	98	94	86	85	87
Anguilla	...	...	...	...	...	...	...	...	95	95	...	98	98	...
Antigua & Barbuda	99.0 <sup>a</sup>	98.4 <sup>a</sup>	99.4 <sup>a</sup>	2,396 <sup>b</sup>	13,050	20,490	-0.1	...	98	98	98	91 <sup>b</sup>	91 <sup>b</sup>	91 <sup>b</sup>
Aruba	97.5	97.5	97.5	...	...	...	...	...	98	98	98	98	98	98
Bahamas	...	...	...	2,575 <sup>b</sup>	21,570	22,700	0.7	...	98	98	98	92	92	92
Barbados	...	...	...	3,047 <sup>b</sup>	15,080 <sup>a</sup>	15,090 <sup>a</sup>	0.0 <sup>a</sup>	...	100	100	100	96	96	96
Cayman Islands	...	...	...	...	...	...	...	...	97	97	...	96	96	...
Curaçao	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dominica	...	...	...	3,047 <sup>b</sup>	6,930	10,060	-0.9	...	...	96	...	...	...	...
Grenada	...	...	...	2,453 <sup>b</sup>	7,490	11,230	2.4	...	97	99	95	98	98	98
Guyana	88.5	87.2	89.8	2,648 <sup>b</sup>	3,750	6,610	5.2	...	98	98	98	84	88	82
Jamaica	88.7	84.0	93.1	2,746	5,220	8,490	1.3	...	94	98	89	82	80	84
Montserrat	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Saint Kitts & Nevis	...	...	...	2,507 <sup>b</sup>	13,890	20,990	4.2	...	98	98	98	...	...	...
Saint Lucia	...	...	...	2,629 <sup>b</sup>	7,060	10,290	-0.4	...	96	100	96	91	85	92
Saint Vincent & the Grenadines	...	...	...	2,960 <sup>b</sup>	6,460	10,440	1.7	...	95	95	95	...	...	...
Sint Maarten (Dutch part)	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Suriname	95.6	96.1	95.0	2,727 <sup>b</sup>	9,370	15,960	2.9	...	95	98	88	79	88	61
Trinidad & Tobago	99.0	99.2	98.7	2,889 <sup>b</sup>	15,760	26,220	1.6	...	95	95	95	92	92	92
Turks & Caicos Islands	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Virgin Islands (UK)	...	...	...	...	...	...	...	...	100	100	100	96	96	96
Virgin Islands (US)	...	...	...	...	...	...	...	...	...	...	...	98	98	98



# premature mortality from avoidable causes

Figure 1. Age adjusted premature mortality rate from avoidable causes in the Americas by sex, 2001 and 2010



“Avoidable mortality” is an indicator of premature death from health problems that could be averted by preventing the onset of the disease or delaying death by timely access to quality health services<sup>1</sup>. Two years (2001 and 2010) were selected from the period 2001–2012 for this analysis, since a large number of countries had available mortality data for both these years. Deaths up to 74 years were considered and certain changes were observed over time. Countries were excluded if they lacked data for several years or had an estimated underreporting of more than 25% in 2011. Crude rates of avoidable mortality were calculated and adjusted for age using the direct method based on the WHO world standard population. In addition, the percentage change in the indicator between 2001 and 2010 was calculated by country and by sex. To prepare the map, the countries were classified using the Jenks natural breaks method, which identifies clusters with similar data and establishes cut points for different classes. To reduce variability due to small numbers, the map presents the average rates for the period 2010–2012 by country. Figure 1, on the other hand, shows the distribution of avoidable mortality in men and women in 2001 and 2010, by country.

In 2001, the regional average rate, for both sexes combined, was 272 avoidable deaths per 100,000 population with significant variability between countries (ranging from 83.4 to 748.7; median<sup>2</sup> 245.5). For 2010, a 10.5% reduction was observed in the regional average rate, bringing it to 230.9 avoidable deaths per 100,000 population, with wide variability between countries (range 44.2 - 513.2; median 219.7).

The analysis showed differences by sex, in the risk of dying from these avoidable causes. In 2001, the regional average rate for men was 343 avoidable deaths per 100,000 population (range 134.7–748.7; median 313.5) and for women, 192.5 per 100,000 population (range 83.4–445.7; median 184.6). The risk of dying prematurely from these causes was 78% higher among men than in women. In 2010, the regional average rates declined for both men and women: 14.5% among men, for a rate of 294 avoidable deaths per 100,000 population (range 111.3 - 513.2; median: 282.2), and 16.2% in women, for a rate of 168.2 (range 44.2 - 485.2; median: 158.3). At the regional level, the risk of dying declined in both sexes. However, the gap between men and women persisted throughout this period.

From a regional perspective, reductions were observed over time in premature deaths due to avoidable causes, with great variability between countries. It is important for countries to continue working towards a better understanding of avoidable mortality, in order to implement health care and public health measures such as timely access to quality of health services, improved eating habits, increased physical activity, elimination of tobacco use, and reduction of harmful alcohol use, among others. Inequalities such as those observed between the sexes should be taken into consideration to help improve coverage and achieve universal access to health, especially primary care. The regional increase of 3.5 years in life expectancy in the period of observation between 2001 and 2010 is not sufficient as it has not been accompanied by a concomitant improvement in quality of life. The principal problems associated with avoidable causes of death and the factors that contribute to reductions or increases should be studied and analyzed in more detail in order to help health services implement strategies to improve the health conditions of the inhabitants of the Region of the Americas.

<sup>1</sup> The set of “avoidable mortality” causes was built based on the experience of different researchers and some countries in the last 35 years. For additional references and the list of causes considered for this analysis the reader may visit: <https://hiss.paho.org/pahoys/ame.php>

<sup>2</sup> The median is the central value of the set of mortality rates ordered from minimum to maximum.



## Technical Notes:

- Maternal mortality ratio, infant mortality rate and under-5-mortality (BI 10, 12, 13) are country reported data. An increase may reflect an improvement in data coverage and quality. The estimates of maternal mortality ratio (BI 11) are calculated by the Mortality Estimation Inter-Agency Group (MMEIG).
- Maternal mortality ratio (BI 10) as reported by the country (ECU, HTI, NIC, PAN, PRY) presents one or more of the following limitations: coverage of maternal deaths and live births, differences in the maternal death definition, different denominators used or the analysis of only confirmed maternal deaths.
- Infant mortality rate (BI 12) as reported by the country (ECU, ELS, GTM, GUY, PAN, PRY, TRT) presents limitations due to the coverage of deaths of infants < 1 or the number of live births.
- Certified deaths due to ill-defined and unknown conditions (BI 16) refer to death certificates issued in a given year for which the underlying cause of death was symptoms, signs, and other 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.
- Corrected mortality rates (BI 18–BI 28) are 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 under 10%) and for countries without inputs for correction. Age-adjusted mortality rates are computed by direct standardization to the WHO World Standard Population (<http://www.who.int/healthinfo/paper31.pdf>).
- Malaria risk areas population (BI 30) presents 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.
- Dengue reported cases (BI 33) presents the number of cases of suspected and laboratory confirmed cases from dengue in a specific year, for a given country, territory, or geographic area.
- National Health Expenditure (BI 41) corresponds to the WHO National Health Accounts estimates. For more information: WHO Health expenditures database, <http://apps.who.int/nha/database/DocumentationCentre/Index/en>
- Public health expenditure (BI 41A): The sum of health outlays paid for in cash or supplied in kind by government entities, such as the Ministry of Health, other ministries, parastatal organizations or social security agencies (without double counting government transfers to social security and extra budgetary funds). It includes all expenditure made by these entities, regardless of the source, therefore, any donor funding passing through them. It includes transfer payments to households to offset medical care costs and extrabudgetary funds to finance health services and goods. It includes current and capital expenditure.
- Private health expenditure (BI 41B): The sum of outlays for health by private entities, such as households, commercial or mutual health insurance, non-profit institutions serving households, resident corporations and quasi-corporations with a health services delivery or financing function. It includes expenditures from all sources, therefore, any donor funding passing through these "financing agents".

The regional and subregional aggregates for rates, ratios and proportions are weighted averages, and sums for absolute numbers.

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.

We continue to collect core indicators from Bonaire, San Eustatius and Saba (BES). In this edition, BES is not included due to insufficient data.

For this presentation: **Latin America** includes Mexico, the Central American Isthmus, the Latin Caribbean, the Andean Area, Brazil, and the Southern Cone. **Latin America and the Caribbean** comprise Latin America and Non-Latin Caribbean. Brazil and Mexico are being shown separately due to their population size.

## Data Sources:

### Demographic indicators:

- United Nations, Population Division. World Population Prospects: The 2012 Revision, New York; 2013. Accessed 15 June 2015 (<http://esa.un.org/wpp/>) (BI 1-6, 8, 9)
- U.S. Bureau of the Census. International Data Base. December 2013 Release. Accessed 15 June 2015 (<http://www.census.gov/ipc/www/idb/>). (BI 1-6, 8, 9)
- United Nations, Population Division. World Urbanization Prospects: The 2014 Revision, New York; 2014. Accessed 9 September 2014 (<http://esa.un.org/unpd/wup/>) (BI 7)

### Mortality indicators:

- PAHO/WHO. Data provided by Ministries of Health and Health Agencies of countries. Washington DC, 2015. As of 15 June 2015. (BI 10, 12, 13, 36, 40, 42, 43, 48)
- WHO. Trends in Mortality: 1990 to 2013. Estimates by WHO, UNICEF, UNFPA, World Bank, UNPD. Geneva, 2014. (BI 11)
- PAHO/WHO Regional Mortality Information System. Washington DC; 2015. As of 11 June 2015. (BI 14-28)

### Morbidity indicators:

- PAHO/WHO. Data provided by Ministries of Health and Health Agencies of countries. Washington DC, 2015. As of 15 May 2015. (BI 29-36, cholera, measles, yellow fever)

### Resources, access and coverage indicators:

- PAHO/WHO. Data provided by Ministries of Health and Health Agencies of countries. Washington DC, 2015. As of 15 May 2015. (BI 37-40, 42-48)
- WHO. Global Health Expenditure Database. Accessed May 2015 (<http://apps.who.int/nha/database/DocumentationCentre/Index/es>). (BI 41AB)

### Socioeconomic indicators:

- UNESCO. Institute for Statistics (UIS). Data Centre, UIS Estimates. Accessed 10 June 2015 (<http://data.uis.unesco.org/>). (BI 49)
- Food and Agriculture Organization (FAO), FAOSTAT, Rome, 2015. Accessed 9 June 2015 (<http://faostat3.fao.org/download/FB/FBS/E>). (BI 50)
- The World Bank. World Development Indicators 2015. Washington, D.C.; 2015. 15 June 2015 Update (<http://databank.worldbank.org/data/home.aspx>). (BI 51-53)
- WHO/UNICEF. Joint Monitoring Programme (JMP) for Water Supply and Sanitation. Accessed 31 July 2015 (<http://www.wssinfo.org/data-estimates/tables/>). (BI 54-55)

## Map:

Analysis: Communicable Diseases and Health Analysis / Health Information and Analysis based on PAHO/WHO Regional Mortality Information System, 2015.

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; (IE-10: A00-A09; (ARI) acute respiratory infections; (IE-10: J00-J22; (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; (n/a) not applicable; (BI) basic indicator.

Country territory codes according to ISO 3166-1: Aruba (ABW), Anguilla (AIA), 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), Curaçao (CUW), 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), Sint Maarten (SXM), 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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