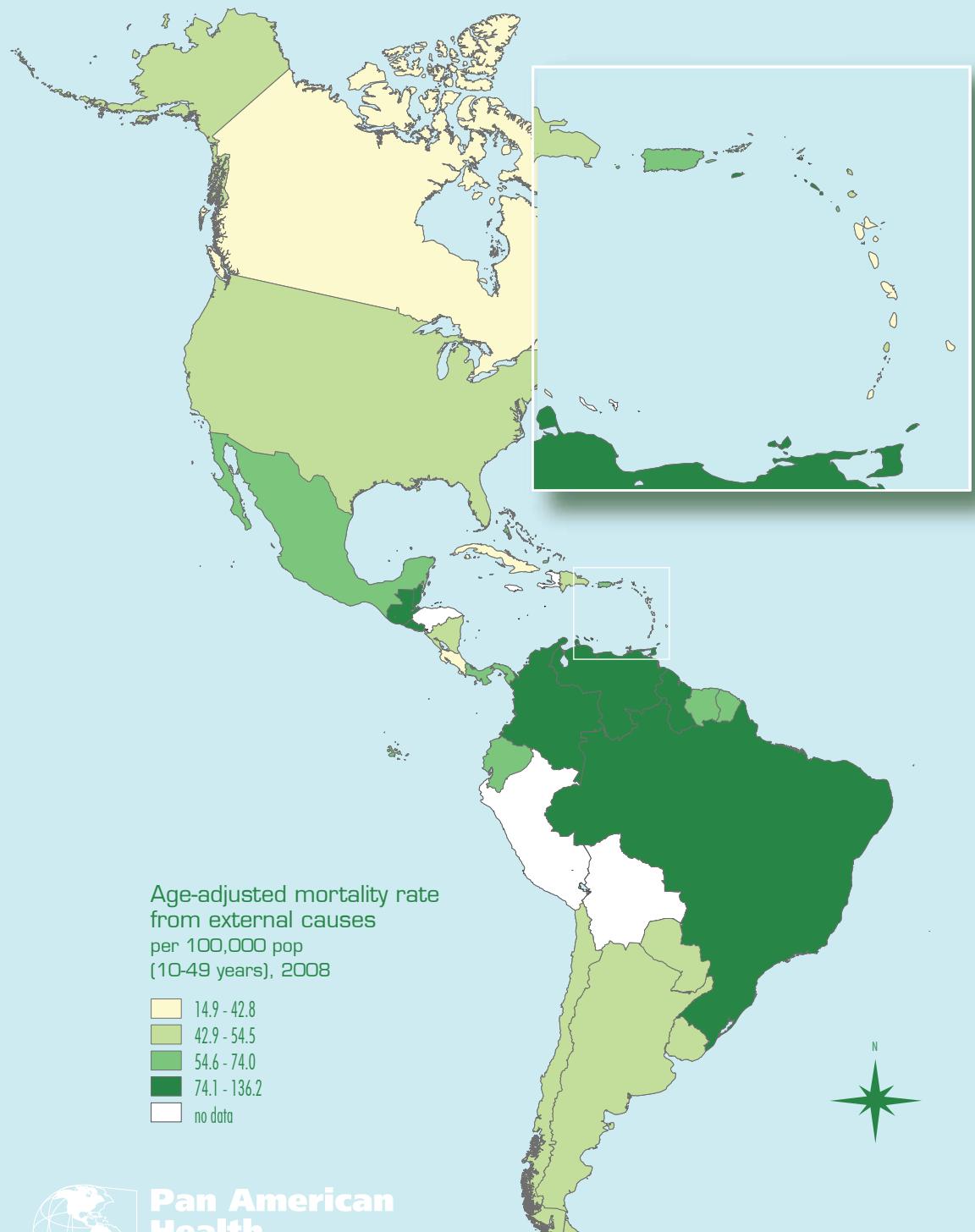


health situation in the americas Basic Indicators

2012



**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

110
110th ANNIVERSARY

preface

On a yearly basis since 1995 the Regional Core Health Data Initiative of the Pan American Health Organization/World Health Organization (PAHO/WHO) presents the most recent information on health indicators in the Region of the Americas.

On the 110th anniversary of PAHO/WHO, this publication highlights the mortality due to external causes (EC); those causes of death different from natural causes and recognized as avoidable such as suicides, homicides and accidents. From the data reported by the countries, it is estimated that over 5.5 million people died from EC in the Region between 1999 and 2009. Three and a half million deaths (64%) occurred among the young and adult population (10-49 years old) with an average of 319,000 deaths per year; 84% of the deaths happened among males, five times more deaths among men than women. The most frequent causes were homicides (33%) and land transport accidents (26%).

On the cover, we have included a map that shows the distribution of mortality from all EC of the countries in the Region in 2008. Furthermore, based on the importance of the mortality profile from EC, we have included a time series analysis from homicides and land transport accidents by sex for eight subregions.

It is important to recognize the efforts that several countries are conducting by implementing prevention programs on violence and injury, including the strengthening of information systems to quantify the events. Given the complexity of determinants and the role of different social sectors, it is fundamental that PAHO Member States continue their work within the commitments that have been acquired through instruments such as the PAHO Resolution CD 48/20 "Preventing Violence and Injuries and Promoting Safety: A Call for Action in the Region", 2008, and the "Plan of Action for Road Safety", 2011.

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 the planning and statistics offices in the Americas.

For more information, including basic indicators and their definitions, please visit the website of the PAHO/WHO Regional Health Observatory at www.paho.org/rho



Mirta Roses Periago
Director

For this publication: 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.

demographic indicators

	1 total population (thousands)	2 crude birth rate (1,000 pop)	3 annual births average (thousands)	4 annual deaths average (thousands)	5 annual pop growth (%)	6 total fertility rate (child/woman)	7 urban population (%)	8 dependency ratio (100 pop)	9T life expectancy at birth (years) 2012	9M male	9F female
	2012	2012	2012	2012	2012	2012	2012	2012	total	male	female
The Americas	953,686	16.2	15,547.2	6,517.1	1.0	2.1	80.5	51.6	76.4	73.5	79.2
North America	350,535	13.5	4,745.2	2,915.7	0.9	2.0	82.4	50.1	79.0	76.4	81.5
Bermuda	69	11.4	0.8	0.5	0.6	2.0	100.0	49.9	80.8	77.6	84.1
Canada	34,675	11.3	392.8	267.5	0.9	1.7	80.8	45.1	81.2	78.9	83.5
United States of America	315,791	13.7	4,350.7	2,646.7	0.9	2.1	82.6	50.7	78.8	76.2	81.3
Latin America & the Caribbean	603,151	17.8	10,802.0	3,601.4	1.1	2.2	79.4	52.4	74.8	71.8	77.9
Latin America	595,972	17.8	10,685.3	3,549.7	1.1	2.2	79.6	52.4	74.8	71.8	77.9
Mexico	116,147	18.5	2,158.3	557.6	1.1	2.2	78.4	53.5	77.2	74.8	79.6
Central American Isthmus	44,012	24.8	1,103.1	228.9	1.8	2.9	57.5	67.0	73.7	70.5	76.9
Belize	324	24.0	7.9	1.2	2.0	2.7	44.6	60.8	76.3	74.9	77.8
Costa Rica	4,794	15.3	73.8	20.9	1.4	1.8	65.1	44.4	79.5	77.1	82.0
El Salvador	6,264	20.0	125.5	41.3	0.6	2.2	65.3	60.6	72.5	67.7	77.1
Guatemala	15,138	31.5	483.7	81.5	2.5	3.8	50.2	82.4	71.5	68.0	75.1
Honduras	7,912	25.8	206.0	37.8	2.0	3.0	52.7	66.9	73.6	71.3	75.9
Nicaragua	5,955	22.8	136.7	27.8	1.4	2.5	57.9	61.2	74.4	71.4	77.5
Panama	3,625	19.1	69.5	18.4	1.5	2.4	75.8	54.3	76.4	73.9	79.1
Latin Caribbean	36,547	17.8	652.1	272.8	0.7	2.3	70.9	54.4	73.1	70.8	75.3
Cuba	11,249	9.6	107.6	85.1	0	1.5	75.2	41.8	79.3	77.4	81.3
Dominican Republic	10,183	20.9	213.9	60.8	1.2	2.5	70.2	58.3	73.8	71.2	76.6
French Guiana	243	24.0	5.9	0.9	2.5	3.1	76.6	59.2	76.7	73.4	80.5
Guadeloupe	465	13.2	6.2	3.4	0.4	2.1	98.4	53.4	79.9	76.1	83.6
Haiti	10,256	25.7	265.6	90.2	1.3	3.2	54.6	65.5	62.5	61.1	63.9
Martinique	408	11.6	4.7	3.3	0.3	1.8	89.0	51.6	80.6	77.3	83.7
Puerto Rico	3,743	12.9	48.2	29.2	0	1.8	99.0	51.3	79.3	75.4	83.2
Andean Area	132,289	19.9	2,647.8	733.0	1.3	2.4	78.6	54.4	73.9	70.9	77.0
Bolivia (Plurinational State of)	10,248	25.8	266.3	73.3	1.6	3.2	67.2	66.9	67.1	64.8	69.4
Colombia	47,551	18.9	902.8	264.5	1.3	2.3	75.6	51.5	74.0	70.4	77.7
Ecuador	14,865	19.8	296.1	75.8	1.3	2.4	68.0	56.3	75.9	73.0	78.9
Peru	29,734	19.6	585.2	163.3	1.1	2.4	77.6	54.9	74.3	71.7	76.9
Venezuela (Bolivarian Republic of)	29,891	19.8	597.4	156.1	1.5	2.4	93.7	53.3	74.7	71.8	77.7
Brazil	198,361	15.0	2,978.3	1,270.8	0.8	1.8	84.9	46.8	74.0	70.7	77.4
Southern Cone	68,616	16.6	1,146.2	486.6	0.9	2.1	88.8	52.8	76.7	73.3	80.1
Argentina	41,119	16.8	692.1	318.2	0.9	2.2	92.6	54.4	76.1	72.4	79.9
Chile	17,423	14.0	245.3	100.4	0.9	1.8	89.3	45.2	79.3	76.2	82.4
Paraguay	6,683	23.7	159.6	36.7	1.7	2.9	62.4	61.4	72.8	70.8	74.9
Uruguay	3,391	14.5	49.2	31.4	0.3	2.0	92.7	56.2	77.3	73.7	80.7
Non-Latin Caribbean	7,179	16.2	116.2	51.7	0.5	2.0	44.8	49.5	73.0	70.2	75.9
Anguilla	15	12.9	0.2	0.1	2.1	1.8	100.0	46.6	81.0	78.4	83.6
Antigua & Barbuda	89	16.2	1.4	0.5	1.3	2.0	29.9	47.5	75.7	73.7	77.8
Aruba	108	12.8	1.4	0.9	1.4	1.8	47.0	42.2	75.9	72.9	79.0
Bahamas	351	15.2	5.3	2.0	1.1	1.9	84.5	40.9	75.9	72.7	78.9
Barbados	288	12.2	3.5	2.4	0.4	1.7	44.9	40.4	74.5	72.3	76.8
Cayman Islands	53	12.2	0.6	0.3	2.2	1.9	100.0	41.0	80.8	78.1	83.5
Curaçao	146	13.6	2.0	1.2	0.7	2.1	...	50.5	77.6	75.4	80.0
Dominica	73	15.6	1.1	0.6	0.2	2.1	67.3	49.0	76.2	73.2	79.3
Grenada	109	16.8	1.8	0.9	0.5	2.2	39.5	51.7	73.3	70.8	76.1
Guyana	758	17.4	13.2	4.4	0.2	2.2	28.5	55.8	70.3	67.2	73.5
Jamaica	2,761	17.9	49.6	19.8	0.4	2.3	52.2	55.9	73.4	70.9	76.0
Montserrat	5	11.6	0.1	0.0	0.5	1.3	14.4	48.1	73.4	75.2	71.6
Saint Kitts & Nevis	51	13.9	0.7	0.4	0.8	1.8	32.1	42.8	74.8	72.5	77.3
Saint Lucia	162	14.4	2.3	1.2	0.4	1.8	16.9	47.3	77.0	74.3	79.9
Saint Vincent & the Grenadines	104	14.4	1.5	0.7	-0.3	1.9	49.7	47.4	74.4	72.5	76.4
Sint Maarten (Dutch part)	39	13.1	0.5	0.2	1.5	2.1	...	34.2	77.4	75.2	79.8
Suriname	534	17.8	9.5	3.9	0.9	2.3	70.1	52.3	70.9	67.8	74.2
Trinidad & Tobago	1,351	14.3	19.3	11.1	0.3	1.6	14.0	38.6	70.4	66.9	73.8
Turks & Caicos Islands	46	17.4	0.8	0.1	3.2	1.7	94.1	36.3	79.3	76.5	82.1
Virgin Islands (UK)	31	10.7	0.3	0.2	2.4	1.2	40.8	33.3	78.0	76.7	79.2
Virgin Islands (US)	105	10.9	1.1	0.8	-0.5	1.8	95.6	55.0	79.5	76.4	82.7

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.

BI 2-9: linear interpolation of UN data.

mortality indicators

	10 maternal mortality ratio (100,000 lb)			11 maternal mortality ratio estimated (1) (100,000 lb) 2010			12 infant mortality rate (1,000 lb)		13 under-five mortality (1,000 lb)		14 registered deaths < 5 due to			16 ill-defined and unknown causes of death (%) c2009	17 mortality under-registration (%) c2009
	ratio	maternal deaths	year	rate	infant deaths	rate	year	ADD (%)	ARI (%)	year					
	67.1	6,069	62	12.4	148,722	13.6		2.1	4.9		3.6		7.1		
The Americas															
North America	9.0	34	20	6.3	28,324	7.4		1.1	1.6		1.5		1.7		
Bermuda	-	-	2009	...	1.3	1	2.0	2010	-	-	2008	3.3	6.7		
Canada	9.0	34	2008	12 (9-16)	5.1	1,911	5.8	2008	0.3	1.5	2009	0.9	3.0		
United States of America	...	...		21 (18-23)	6.4	26,412	7.5	2009	1.2	1.6	2009	1.6	1.6		
Latin America & the Caribbean	69.4	6,035	81	15.6	120,398	17.3		2.7	6.9		5.0		10.4		
Latin America	69.1	5,962	80	15.5	119,034	17.3		2.8	6.9		5.0		10.4		
Mexico	51.5	992	2010	50 (44-56)	14.1	27,236	16.8	2010	2.5	6.7	2010	2.1	0.5		
Central American Isthmus	116.4	610		101	18.9	7,162	...	8.0	16.7		6.5		19.0		
Belize	55.3	4	2010	53 (33-88)	20.1	145	22.7	2011	6.0	7.7	2009	0.9	19.0		
Costa Rica	23.0	17	2011	40 (31-50)	9.1	666	10.4	2011	1.3	3.0	2010	0.9	14.8		
El Salvador	83.7	83	2010	81 (55-120)	...	...	...	5.6	14.6	2009	15.6	24.7			
Guatemala	158.2	344	2008	120 (110-140)	...	...	...	12.0	27.1	2009	7.1	12.7			
Honduras	74.0	162	2010	100 (64-160)	24.3	5,441	...	2011	...	...	...	...	...
Nicaragua	...	...		95 (54-170)	...	...	...	4.9	10.0	2010	2.1	34.9			
Panama	...	...		92 (75-110)	13.4	910	17.8	2010	9.8	7.1	2009	3.5	14.4		
Latin Caribbean	73.8	291		211	17.7	6,962	...	1.7	4.4		2.5		20.6		
Cuba	40.6	54	2011	73 (60-87)	4.9	653	6.0	2011	1.4	6.0	2010	0.8	-		
Dominican Republic	106.3	231	2011	150 (100-210)	26.9	5,842	...	2011	2.2	3.8	2010	4.3	50.9		
French Guiana	16.4	1	2009	...	10.9 a	66 a	13.3	2009	2.4	4.9	2009	9.4	8.3		
Guadeloupe	...	...		...	8.7	44	...	2009	1.8	-	2009	9.4	7.2		
Haiti	...	...		350 (210-610)	...	...	...	...	...	...	...	...	...
Martinique	...	...		...	9.3	...	...	2009	-	4.0	2009	11.3	9.9		
Puerto Rico	11.0	5	2009	20 (13-31)	8.0	357	8.8	2009	1.5	1.5	2009	0.7	3.8		
Andean Area	80.3	1,589		98	17.3	18,157	19.3		3.2	8.8		2.8		23.7	
Bolivia (Plurinational State of)	...	...		190 (130-290)	...	...	...	...	...	...	...	...	...
Colombia	72.9	510	2009	92 (80-100)	20.1	9,580	...	2009	3.1	7.7	2009	2.2	21.9		
Ecuador	92.6	203	2010	110 (62-180)	...	...	20.7	2009	2.5	10.7	2010	9.4	17.4		
Venezuela (Bolivarian Republic of)	93.0	442	2011	67 (42-110)	16.0	...	21.0	2011	2.6	12.8	2010	...	42.3		
Brazil	67.5	1,998	2010	56 (36-85)	16.2	48,277	18.9	2010	2.3	5.4	2010	7.0	6.4		
Southern Cone	44.7	482		67	11.5	11,240	12.3		1.3	4.2		7.3		6.4	
Argentina	43.8	331	2010	77 (67-87)	11.9	8,961	13.8	2010	1.3	3.9	2010	8.4	4.7		
Chile	18.3	46	2010	25 (21-29)	7.4	1,862	8.7	2010	0.3	4.1	2009	2.6	1.3		
Paraguay	100.8	102	2010	99 (60-160)	16.9	...	...	2008	3.8	5.4	2010	11.9	33.1		
Uruguay	6.4	3	2011	29 (21-39)	8.9 b	417 b	9.5	2010	1.5	6.7	2009	8.4	1.4		
Non-Latin Caribbean	100.9	73		112	18.9	1,364	21.2		2.2	4.0		3.2		10.2	
Anguilla	...	1	2010	...	...	...	...		-	-	2010	1.5	-		
Antigua & Barbuda	-	-	2011	...	20.6	20	28.0	2011	-	-	2009	1.1	3.3		
Aruba	-	-	2009	...	...	5	...	2009	-	-	2010	4.6	26.5		
Bahamas	130.9	7	2009	47 (28-75)	19.8	100	22.6	2010	-	11.6	2008	1.7	10.2		
Barbados	58.0	2	2010	51 (19-140)	13.4	46	14.3	2010	-	4.8	2008	2.7	1.5		
Cayman Islands	-	-	2011	...	5.1	4	6.3	2011	-	-	2007	3.3	29.8		
Curacao	-	-	2011	...	...	...	...	...	...	...	...	...	...
Dominica	-	-	2011	...	29.9	28	30.9	2011	-	-	2010	1.7	7.5		
Grenada	-	-	2011	24 (15-38)	10.9 b	20 b	17.3	2010	-	-	2010	2.1	1.8		
Guyana	-	-		280 (180-430)	...	...	...	...	8.9	5.9	2009	1.4	20.3		
Jamaica	113.3	48	2010	110 (77-170)	20.0	850	22.0	2008	...	...	...	...	...
Montserrat	-	-	2011	...	-	-	-	2011	-	-	2010	5.0	-		
Saint Kitts & Nevis	150.2	1	2011	...	12.0	8	15.0	2011	-	-	2010	0.6	-		
Saint Lucia	44.8	1	2008	35 (22-54)	14.3	32	17.0	2008	-	4.4	2008	9.7	-		
Saint Vincent & the Grenadines	57.3	1	2011	48 (30-78)	22.3	39	23.5	2011	-	2.8	2010	3.5	-		
Sint Maarten (Dutch part)	-	-		...	...	...	...	...	...	...	...	...	...
Suriname	123.0	12	2009	130 (89-190)	20.3	199	23.3	2009	1.8	4.4	2009	8.3	10.0		
Trinidad & Tobago	-	-		46 (26-84)	...	...	...	...	1.3	2.8	2008	1.9	8.2		
Turks & Caicos Islands	-	-	2011	...	-	-	-	2011	-	-	2009	8.2	34.4		
Virgin Islands (UK)	-	-	2011	...	6.0	2	...	2011	-	-	2009	10.0	7.6		
Virgin Islands (US)	-	-		...	...	11	...	2009	-	-	2009	3.0	1.2		

BI 11: (1) 95% confidence interval.

BI 12-13: (a) value 2010; (b) value 2011.

BI 10, 12-13: country reported data to PAHO/WHO.

mortality indicators

	18Tc 18Ta 18Mc 18Ma 18Fc 18Fa						19Tc 19Ta 19Mc 19Ma 19Fc 19Fa					
	general mortality rate (all causes) (1,000 pop) (2010)						mortality rate from communicable diseases (100,000 pop) (2010)					
	total corrected adjusted		male corrected adjusted		female corrected adjusted		total corrected adjusted		male corrected adjusted		female corrected adjusted	
The Americas	6.7	5.9	7.2	7.2	6.1	4.7	49.4	46.1	52.8	53.4	46.2	38.3
North America	7.9	4.8	7.9	5.8	7.7	3.9	39.6	24.2	39.6	28.5	39.8	20.6
Bermuda a	6.2	3.9	7.1	5.3	5.5	2.8	56.4	34.0	67.5	48.9	46.0	23.7
Canada b	7.1	4.0	7.2	4.7	7.0	3.3	32.7	17.4	31.5	20.1	34.0	15.1
United States of America b	7.9	4.9	8.0	5.9	7.8	4.0	40.4	24.9	40.5	29.4	40.4	21.2
Latin America & the Caribbean	6.0	6.5	6.8	8.0	5.2	5.2	55.5	59.5	60.9	68.0	50.1	49.2
Latin America	6.0	6.5	6.8	8.0	5.2	5.2	55.4	59.5	60.9	67.9	50.1	49.2
Mexico	5.1	6.0	5.8	7.2	4.4	4.9	30.2	34.1	35.3	42.4	25.2	26.9
Central American Isthmus	5.1	6.9	6.0	8.4	4.3	5.5	64.3	77.6	73.3	76.3	55.6	64.1
Belize b	4.8	7.4	5.6	8.8	3.9	6.1	76.0	105.6	89.6	129.6	62.7	82.4
Costa Rica	4.1	4.9	4.6	5.5	3.5	3.7	19.7	21.4	23.2	26.6	16.0	16.5
El Salvador b	6.5	7.4	7.8	9.5	5.3	5.6	73.2	80.1	83.1	98.8	64.3	65.3
Guatemala b	5.1	7.6	6.0	9.3	4.2	6.2	86.9	110.2	98.3	131.8	76.1	92.3
Honduras	...	...	...	...	...	...	...	...	...	...	...	...
Nicaragua	4.7	6.6	5.4	8.0	4.0	5.5	34.9	42.1	41.4	50.9	28.5	33.9
Panama b	5.1	6.0	5.8	7.1	4.4	4.9	60.8	67.2	72.9	83.6	48.4	51.5
Latin Caribbean	7.1	6.0	8.0	7.1	6.3	4.9	55.3	46.2	61.3	39.7	49.3	38.0
Cuba	8.1	5.5	8.7	6.4	7.5	4.6	53.6	35.0	57.9	42.5	49.2	28.4
Dominican Republic	6.1	7.0	7.1	8.3	5.1	5.8	55.4	60.9	61.7	69.4	48.8	52.4
French Guiana b	2.9	4.4	3.5	5.7	2.2	3.3	25.7	32.5	31.9	45.8	19.5	21.9
Guadeloupe b	5.7	3.7	6.4	4.9	5.0	2.7	35.1	21.8	36.1	26.6	34.3	17.9
Haiti	...	...	...	...	...	...	...	...	...	...	...	...
Martinique b	5.9	3.2	6.6	4.3	5.3	2.4	36.6	18.3	39.4	23.5	34.2	15.4
Puerto Rico b	7.7	5.2	8.9	6.9	6.6	3.8	66.8	46.5	78.2	61.9	56.3	33.9
Andean Area	5.3	6.5	6.1	8.0	4.4	5.2	59.1	72.0	66.6	79.4	51.7	59.1
Bolivia (Plurinational State of)	...	...	...	...	...	...	...	...	...	...	...	...
Colombia b	5.5	6.9	6.4	8.5	4.7	5.5	39.0	46.4	46.4	58.1	31.9	36.0
Ecuador	5.1	5.9	5.8	7.0	4.4	4.8	51.9	58.7	57.4	68.5	46.4	49.5
Venezuela (Bolivarian Republic of) b	5.5	6.8	6.1	8.0	4.9	5.7	120.4	149.6	130.2	173.9	110.6	127.5
Brazil	6.5	7.1	7.5	8.7	5.6	5.6	62.1	66.9	67.5	78.4	56.9	56.6
Southern Cone	7.0	5.8	7.5	7.4	6.6	4.7	67.7	54.6	68.3	68.0	66.9	44.3
Argentina	7.8	6.1	8.2	7.9	7.4	4.8	85.5	64.8	84.5	81.2	86.3	52.8
Chile b	5.4	4.8	5.9	6.1	4.9	3.8	32.8	28.3	35.5	36.4	30.2	21.5
Paraguay	5.4	7.1	5.9	8.0	4.9	6.2	55.1	69.9	61.6	81.0	48.4	59.1
Uruguay b	9.3	5.8	9.9	7.7	8.6	4.4	55.1	36.0	56.0	45.1	54.1	28.9
Non-Latin Caribbean	6.7	7.6	7.6	10.0	5.8	5.8	59.2	64.1	66.9	81.9	51.8	50.4
Anguilla	4.4	4.1	5.6	5.4	3.3	3.1	6.8	8.0	14.0	16.2	-	-
Antigua & Barbuda b	4.3	4.7	4.9	5.8	3.8	3.9	44.4	46.5	58.9	65.7	31.2	29.8
Aruba	6.0	4.8	7.4	6.9	4.8	3.4	39.2	32.8	38.3	38.6	40.0	29.3
Bahamas a	5.6	6.3	6.3	7.9	4.9	5.1	62.9	65.8	76.0	84.5	50.4	50.3
Barbados a	8.5	6.7	8.7	8.6	8.3	5.4	93.8	70.8	87.5	84.4	99.8	61.2
Cayman Islands c	3.3	3.0	4.0	4.0	2.5	2.1	21.4	19.9	17.5	17.7	25.1	20.8
Curacao	...	...	...	...	...	...	...	...	...	...	...	...
Dominica	8.1	6.4	8.3	7.6	7.8	5.2	46.7	33.9	40.9	36.4	52.6	29.0
Grenada	7.7	7.7	8.3	9.1	7.1	6.4	64.0	64.9	69.8	78.8	58.1	51.2
Guyana b	6.1	9.6	6.8	12.1	5.2	7.6	75.2	102.9	90.1	134.6	60.1	76.7
Jamaica	...	...	...	...	...	...	...	...	...	...	...	...
Montserrat	7.8	8.9	9.0	9.1	6.7	17.0	39.1	41.5	-	-	78.3	182.7
Saint Kitts & Nevis	6.9	6.6	7.9	8.3	5.8	5.0	24.0	20.9	28.1	29.4	20.0	12.1
Saint Lucia a	6.4	5.8	7.3	7.1	5.6	4.6	50.1	46.8	60.3	57.6	40.4	38.1
Saint Vincent & the Grenadines	7.9	7.8	8.5	9.3	7.2	6.3	99.8	96.3	107.9	116.2	91.5	78.8
Sint Maarten (Dutch part)	...	...	...	...	...	...	...	...	...	...	...	...
Suriname b	5.4	6.4	6.1	8.0	4.6	5.1	55.6	63.1	65.2	80.5	45.9	49.3
Trinidad & Tobago a	7.9	8.8	9.3	12.6	6.5	6.3	52.1	55.1	57.5	70.1	47.1	44.9
Turks & Caicos Islands b	1.5	2.1	1.7	2.5	1.3	1.8	22.0	34.8	24.1	40.0	19.8	28.9
Virgin Islands (UK) b	3.5	3.7	4.2	4.7	2.8	3.0	34.6	37.2	42.9	53.0	26.8	24.1
Virgin Islands (US) b	6.3	4.5	7.7	6.3	5.0	3.1	23.4	15.8	33.9	24.6	14.2	9.0

mortality indicators

20Tc mortality rate from malignant neoplasms (100,000 pop) (2010)						21Tc mortality rate from external causes (100,000 pop) (2010)						22 corrected mortality rate (2010) (100,000 pop)			23 (100,000 male pop)		24 male homicide	25 sex ratio homicide (male to female) 2010
total corrected adjusted		male corrected adjusted		female corrected adjusted		total corrected adjusted		male corrected adjusted		female corrected adjusted		suicide		land transport accidents	male homicide			
129.3	109.8	135.8	127.4	123.0	97.2	69.0	66.3	107.9	106.9	31.0	27.3	8.3	16.5	33.1	7.4			
187.1	119.6	198.5	142.4	176.1	102.9	57.3	49.0	78.5	70.6	36.8	27.9	11.9	11.7	8.0	3.7			
154.3	94.5	156.5	110.3	152.3	85.5	40.1	40.6	64.4	65.9	17.2	15.2	1.5	25.2	-	-			
211.2	124.7	224.4	146.5	198.3	108.3	46.4	35.1	60.0	49.5	33.1	20.9	11.5	7.3	2.5	3.2			
184.5	119.1	195.6	142.0	173.7	102.3	58.5	50.5	80.5	72.9	37.2	28.7	12.0	12.2	8.6	3.8			
93.8	103.7	97.3	118.1	90.4	93.7	76.5	77.5	127.0	130.5	27.3	26.9	6.0	19.7	49.5	9.8			
93.8	103.7	97.2	118.0	90.4	93.7	76.5	77.4	127.0	130.5	27.3	26.9	6.0	19.7	49.5	9.8			
60.8	73.7	60.4	79.5	61.2	70.2	60.5	62.9	100.7	106.3	21.3	21.8	4.3	14.4	39.1	9.8			
65.1	93.7	62.9	97.0	67.3	91.9	83.8	96.2	141.6	168.6	28.0	31.0	6.5	10.7	67.5	8.8			
51.1	93.8	59.8	113.6	42.6	77.1	73.0	85.1	122.8	145.1	24.6	26.6	4.9	16.7	49.1	7.6			
90.5	103.7	96.4	120.4	84.5	90.1	48.5	49.1	76.1	77.6	20.1	19.9	6.7	13.1	18.3	7.9			
80.1	97.5	69.4	91.8	89.9	102.0	130.1	136.4	226.3	247.9	42.9	43.2	10.2	24.5	143.4	8.2			
50.9	90.2	47.8	90.3	54.0	91.1	90.7	113.9	156.3	205.1	28.3	34.0	3.6	2.1	77.3	8.6			
56.4	88.1	54.0	91.1	58.8	87.1	60.7	67.9	98.9	112.2	23.3	26.2	10.4	14.3	23.6	10.1			
80.1	97.5	83.5	109.2	76.7	88.1	60.7	62.9	102.6	106.7	18.3	18.9	5.5	13.0	42.5	10.1			
142.8	116.6	162.0	139.1	123.7	97.9	73.4	67.7	108.1	105.3	38.8	30.4	9.2	18.6	23.9	7.5			
198.0	137.6	226.3	167.0	169.4	113.2	63.6	47.1	76.9	62.6	50.2	31.1	13.8	8.5	6.7	2.7			
86.6	106.0	93.5	117.8	79.6	95.1	91.8	97.2	147.5	157.4	35.3	37.0	4.6	33.2	36.1	9.7			
47.9	87.0	59.4	126.2	36.4	61.2	54.6	66.2	80.6	99.9	28.4	34.4	6.2	11.1	16.0	4.5			
125.7	83.3	152.6	112.1	101.7	62.4	53.1	47.2	84.6	82.3	24.8	17.3	8.5	12.4	7.4	6.0			
168.1	92.8	196.8	123.3	143.0	71.8	30.9	24.6	43.9	39.2	19.5	12.5	6.4	7.2	4.2	3.0			
135.2	91.1	159.0	118.0	113.2	71.2	61.1	56.7	106.0	102.1	19.5	14.7	8.8	11.4	48.0	17.0			
86.6	112.9	84.3	121.5	88.9	107.1	101.3	103.3	175.6	180.2	27.9	29.0	5.5	22.8	82.4	13.1			
91.8	120.7	88.0	130.6	95.5	114.4	105.6	107.9	185.8	191.7	27.8	28.8	6.6	19.5	109.2	11.3			
74.6	92.2	72.4	96.4	76.8	89.5	84.5	88.6	136.2	145.0	32.5	33.3	7.9	28.4	36.8	10.7			
99.7	128.0	96.5	134.7	103.0	123.8	...	...	...	...	...	...	...	...	...	...
71.1	95.6	72.2	106.8	70.1	87.3	102.9	103.4	179.3	179.6	25.9	27.1	2.6	25.4	63.3	17.1			
101.0	110.7	106.8	129.1	95.2	96.7	82.7	82.1	137.1	136.8	30.0	29.7	5.6	25.1	54.1	9.8			
138.0	118.1	148.1	147.4	128.3	100.9	49.6	47.7	76.3	75.8	23.8	20.9	8.9	14.0	9.9	6.9			
143.0	118.5	154.6	149.0	131.8	98.3	45.7	43.6	70.0	69.3	22.4	19.4	7.3	11.8	7.6	6.1			
133.5	120.0	140.2	145.0	127.0	103.0	48.1	45.5	75.9	74.2	20.9	18.2	12.7	13.0	9.6	8.4			
78.2	112.4	76.8	119.4	79.5	108.1	71.8	75.7	107.8	114.2	35.2	36.7	5.6	29.5	25.2	8.4			
219.3	144.0	256.6	197.7	184.6	107.7	60.7	52.7	90.2	84.5	33.2	23.4	15.4	14.4	8.6	5.2			
97.7	106.8	105.6	140.2	89.9	88.4	76.9	77.9	124.5	128.8	30.8	30.6	12.4	15.3	39.1	7.1			
115.1	112.4	181.7	181.4	52.5	55.8	13.5	12.7	28.0	26.5	-	-	-	13.5	-	-			
80.6	89.6	100.7	120.8	62.3	65.8	37.4	39.0	58.9	62.3	17.8	18.8	-	2.3	-	-			
137.7	104.3	143.0	129.4	132.9	90.0	60.2	52.0	108.8	98.4	16.4	13.4	6.7	18.2	8.1	...			
106.4	123.9	107.3	156.9	105.5	107.5	60.2	59.8	101.8	103.3	20.5	20.0	1.2	14.1	42.3	10.3			
179.2	146.1	203.4	202.7	156.5	115.7	28.9	26.0	48.1	44.4	10.9	8.7	0.4	1.1	30.6	6.4			
64.3	56.4	78.9	71.0	50.3	42.5	47.1	44.8	70.1	68.7	25.1	22.5	-	25.7	4.4	0.7			
178.5	143.2	234.2	212.0	121.9	92.9	75.5	72.1	117.1	114.6	33.2	27.2	2.7	9.6	38.1	6.9			
145.6	144.8	161.7	171.7	129.2	122.9	39.0	39.6	57.0	59.3	20.6	19.3	-	5.6	-	-			
52.6	85.1	46.2	95.4	58.7	81.9	86.3	102.0	131.1	159.6	40.8	47.0	20.8	15.8	14.3	3.8			
19.5	33.2	39.0	60.0	-	-	39.1	49.3	78.0	111.4	-	-	-	-	-	-			
110.2	108.8	116.5	129.3	104.0	92.5	80.2	79.7	132.5	129.9	28.0	28.9	4.0	16.0	48.2	...			
109.0	101.4	124.4	123.8	93.1	81.5	35.1	31.7	48.7	49.5	22.1	14.9	-	-	3.8	3.1			
113.2	113.1	147.6	164.0	77.9	76.0	50.9	50.4	83.3	82.6	15.6	14.2	4.8	4.8	22.7	11.7			
65.6	80.6	69.8	96.7	61.3	69.0	79.1	83.5	118.5	128.5	39.4	40.8	25.2	21.4	10.7	4.0			
106.9	121.4	116.2	174.4	98.2	95.8	102.8	96.7	173.6	165.1	36.0	34.2	15.0	20.4	79.3	9.7			
19.5	32.1	14.5	27.9	24.7	37.9	29.3	30.1	43.4	47.5	14.8	14.1	2.4	9.8	9.6	...			
76.1	81.6	78.6	92.5	73.8	74.9	31.1	29.1	57.2	52.1	6.7	8.4	-	6.9	-	-			
103.1	66.0	119.5	80.2	88.5	56.7	93.7	101.8	167.3	200.3	28.3	22.9	8.4	15.0	95.6	27.0			

mortality indicators

26Tc mortality rate from diabetes mellitus (100,000 pop) (2010)						27Tc mortality rate from ischemic heart diseases (100,000 pop) (2010)						28Tc mortality rate from cerebrovascular diseases (100,000 pop) (2010)					
total corrected adjusted		male corrected adjusted		female corrected adjusted		total corrected adjusted		male corrected adjusted		female corrected adjusted		total corrected adjusted		male corrected adjusted		female corrected adjusted	
30.9	32.2	29.5	33.4	32.3	31.1	82.9	67.5	92.9	88.1	72.7	50.3	42.5	38.4	39.3	42.0	45.6	35.3
22.2	13.7	23.0	16.5	21.4	11.3	123.7	69.3	136.7	94.0	111.1	49.1	41.9	22.6	34.4	23.3	49.2	21.7
32.6	17.1	21.5	14.8	43.1	18.2	95.0	55.4	116.6	83.6	74.7	36.3	41.6	22.2	52.2	35.8	31.6	13.7
20.6	11.1	21.7	13.8	19.5	8.8	106.6	55.3	120.1	75.5	93.3	38.1	41.9	20.4	34.9	21.2	48.8	19.5
22.4	14.0	23.1	16.8	21.6	11.6	125.6	70.8	138.5	96.0	113.0	50.3	41.9	22.8	34.3	23.5	49.2	21.9
36.3	43.5	33.5	43.8	38.9	43.2	57.5	66.4	66.1	84.5	49.2	51.0	42.9	48.1	42.4	53.5	43.4	43.7
36.0	43.3	33.5	43.5	38.7	43.0	57.3	66.1	65.9	84.1	49.0	50.9	42.8	47.9	42.3	53.2	43.3	43.5
71.7	89.6	69.6	93.0	73.7	86.6	60.7	74.0	68.7	93.1	53.0	57.6	27.8	33.8	26.8	36.4	28.9	31.7
29.0	46.3	24.1	41.2	33.7	50.6	41.4	60.6	45.2	72.2	37.9	50.8	25.4	38.0	24.5	40.2	26.3	36.2
42.6	78.8	31.2	61.6	53.6	95.7	36.7	68.4	39.2	76.9	34.2	60.7	29.5	57.1	30.5	61.9	28.4	52.2
16.5	19.1	15.1	18.8	17.9	19.2	55.3	63.6	63.8	80.4	46.6	48.1	25.9	29.4	26.4	33.4	25.4	25.9
31.5	39.2	23.4	32.5	38.9	44.1	53.0	61.6	55.4	72.5	50.7	53.2	20.6	23.4	18.1	23.0	22.9	23.7
29.1	53.9	25.3	49.1	32.7	58.1	25.1	46.9	27.7	55.8	22.8	39.5	19.0	35.2	18.7	37.4	19.4	33.6
...
37.6	63.8	31.2	56.6	43.9	69.8	51.2	86.3	52.5	98.3	50.0	76.0	30.2	50.5	28.6	52.9	31.7	48.4
25.1	31.4	20.0	26.7	30.3	35.4	55.5	69.3	63.0	84.2	47.9	55.3	51.4	64.1	48.9	66.5	53.9	61.8
31.8	26.9	29.4	26.9	34.2	26.9	114.3	94.8	126.6	114.1	102.0	76.9	69.8	58.8	69.0	63.4	70.4	54.4
23.8	16.2	18.0	13.3	29.7	18.8	147.7	94.9	159.0	114.3	136.3	77.1	87.0	55.4	83.5	59.5	90.4	51.6
25.8	31.8	25.0	31.4	26.5	32.0	96.4	117.6	108.5	136.4	84.2	99.0	65.2	79.3	66.9	84.1	63.3	74.3
9.3	17.9	5.3	9.9	13.3	23.8	5.3	10.3	9.7	21.0	0.9	2.1	15.1	28.9	16.8	35.2	13.3	23.2
29.3	16.7	26.4	18.6	31.8	14.9	23.1	15.2	30.5	23.1	16.5	8.7	47.2	27.6	48.1	34.5	46.3	21.8
...
25.8	12.4	25.3	14.9	26.2	10.6	22.7	11.9	31.6	20.0	15.0	5.8	50.5	24.8	59.8	36.9	42.4	15.6
74.7	49.1	80.1	60.3	69.8	40.1	90.8	56.8	106.1	77.8	76.6	40.1	38.8	23.0	36.1	25.4	41.2	20.9
21.8	29.7	20.1	29.6	23.5	29.5	53.8	74.7	61.6	94.2	46.1	58.2	31.8	43.5	30.4	46.0	33.1	41.1
...
17.6	24.2	14.5	22.3	20.5	25.6	72.9	101.7	80.1	125.9	65.9	82.3	37.0	51.2	33.0	51.6	40.9	50.5
31.9	40.4	28.5	38.4	35.4	41.9	15.8	19.7	18.7	25.3	12.9	14.6	25.9	32.2	24.9	33.5	27.0	30.8
14.4	19.1	14.6	20.8	14.2	17.5	23.4	31.0	27.0	39.1	19.7	23.8	23.1	29.7	24.0	33.2	22.1	26.4
30.9	43.5	30.1	45.2	31.7	41.7	72.5	102.7	88.3	133.7	56.6	74.9	35.1	50.7	35.6	56.0	34.6	45.7
30.8	34.3	26.8	33.0	34.7	35.0	56.1	62.0	65.5	79.5	47.0	47.2	55.6	61.3	56.2	69.7	55.0	54.5
21.5	19.9	20.8	22.0	22.1	18.4	48.1	41.3	57.4	59.0	39.2	27.4	49.5	41.7	48.3	49.7	50.6	35.5
19.9	15.7	20.1	19.3	19.6	13.1	48.0	37.1	56.8	54.7	39.5	23.7	47.1	35.9	46.7	44.8	47.5	29.2
19.2	17.0	19.1	19.8	19.3	14.7	43.0	37.8	52.6	53.9	33.7	24.6	47.9	41.2	47.2	49.0	48.6	35.2
37.7	57.3	29.6	47.4	46.0	66.2	50.2	75.9	59.2	94.1	41.0	58.7	49.7	75.9	48.1	79.0	51.4	72.9
20.8	12.5	19.9	14.9	21.5	10.8	72.3	43.0	86.6	65.6	58.9	26.4	85.8	47.1	75.1	54.3	95.7	41.9
65.2	75.8	63.1	89.9	67.2	67.8	79.9	96.5	92.8	133.4	67.4	70.1	61.7	78.3	63.3	98.5	60.0	65.1
47.4	44.2	28.0	28.5	65.7	56.1	27.1	25.2	28.0	25.2	26.3	26.6	27.1	26.3	28.0	27.3	26.3	25.1
38.5	42.7	41.8	52.1	35.6	36.5	54.9	61.3	58.9	73.5	51.2	49.8	22.2	25.2	24.6	30.7	20.0	20.8
30.6	24.2	38.3	36.0	23.7	16.1	46.9	35.9	72.5	66.9	23.7	15.7	52.6	41.7	58.4	57.4	47.3	32.7
24.6	29.8	19.0	26.4	29.9	31.6	49.5	60.9	49.7	70.6	49.2	52.6	44.7	54.1	48.4	69.6	41.0	43.0
88.9	68.0	73.6	72.9	103.2	64.2	56.4	44.8	70.0	69.3	43.7	28.3	53.3	41.3	49.6	49.7	56.7	35.7
-	-	-	-	-	-	42.8	37.7	65.7	63.7	21.0	17.1	10.7	9.9	21.9	22.9	-	-
53.6	38.7	35.4	31.4	72.0	44.8	50.8	38.1	38.1	34.2	63.7	39.1	67.3	47.9	62.6	54.8	72.0	42.3
92.7	91.8	79.0	89.7	106.8	93.1	77.0	76.3	84.5	93.2	69.3	60.8	77.9	76.7	80.8	90.9	74.9	66.1
46.3	79.5	43.3	86.5	49.1	74.7	79.0	137.1	89.6	177.0	68.1	105.9	79.3	147.0	78.0	173.0	80.1	128.1
293.1	307.6	233.9	208.2	352.5	955.2	195.4	229.1	233.9	216.6	156.7	337.3	19.5	19.8	-	-	39.2	110.4
76.2	77.2	84.3	93.0	64.0	61.8	50.1	46.6	52.2	54.4	48.0	42.3	96.2	83.1	84.3	87.7	108.0	80.6
52.0	45.4	50.0	48.7	53.9	42.3	37.6	31.4	38.5	37.1	36.8	25.8	63.3	54.0	68.0	62.5	58.8	46.2
62.4	62.5	51.1	56.8	74.0	68.6	100.8	96.0	85.2	98.1	116.8	90.9	74.8	74.3	58.7	67.6	89.5	76.7
...
29.2	36.4	29.5	41.1	28.9	32.0	44.6	54.5	57.5	77.1	31.6	35.2	67.3	85.7	65.6	96.4	69.1	77.8
106.7	124.3	111.2	163.2	102.4	101.3	121.2	141.6	143.7	209.6	99.9	97.0	62.6	74.2	68.1	106.9	57.3	55.6
2.4	4.3	-	-	4.9	7.2	9.8	13.7	14.5	20.4	4.9	7.2	-	-	-	-	-	-
24.2	27.0	14.3	17.8	33.6	37.1	31.1	31.8	50.0	51.2	13.4	14.4	10.4	9.5	14.3	15.2	6.7	4.8
42.2	27.1	27.9	21.1	54.9	30.7	105.0	65.1	131.5	86.4	81.4	46.6	39.4	23.7	43.8	28.6	35.4	19.9

morbidity indicators

	29	30	31	32	33	34	35	36	37	
	tuberculosis incidence rate (100,000 pop)		malaria risk areas pop (%)	malaria API	malaria reported cases (1,000 pop)	dengue reported cases	aids incidence rate (100,000 pop)	sex ratio aids cases (male to female)	proportion of low birthweight (<2,500 g) (%)	
	2010	total ¹	SS+	2010	2010	2010	2010	2010	2009-11, lay	
The Americas	23.0	12.6	9.0	5.2	678,634	1,086,234	10.1	2.9	8.5	
North America	3.6	1.2	-	-	1,691	8	10.1	3.1	8.0	
Bermuda	1.5	1.5	-	-	...	1	8.8	...	8.2	
Canada	3.9	1.1	-	-	...	-	0.7 ^a	4.3 ^a	6.1	
United States of America	3.6	1.2	-	-	1,691*	7	11.1 ^a	3.0 ^a	8.2	
Latin America & the Caribbean	34.2	19.2	14.2	8.2	676,943	1,086,226	10.0	2.8	8.7	
Latin America	34.4	19.3	14.2	8.2	653,441	1,075,491	10.0	2.8	8.6	
Mexico	17.3	11.1	0.3	3.7	1,226	67,918	5.1	4.3	8.5	
Central American Isthmus	29.4	17.5	12.0	3.8	18,281	62,435	14.3	1.9	10.9	
Belize	46.5	31.1	11.0	1.5	150	1,093	62.9 ^a	1.8 ^a	8.3	
Costa Rica	10.5	5.7	1.0	1.8	114	13,854	3.8	4.4	7.0	
El Salvador	27.5	15.7	24.4	0	24	20,836	...	...	8.7	
Guatemala	23.1	14.7	15.0	3.1	7,198	2,585	18.4 ^e	1.3 ^e	11.4	
Honduras	37.8	24.2	14.8	8.1	9,685	8,297	8.3	1.4	15.0	
Nicaragua	42.3	24.9	1.3	7.1	692	11,888	...	...	8.3	
Panama	42.5	20.1	4.4	1.8	418	3,882	20.2 ^a	2.6 ^a	8.8	
Latin Caribbean	55.2	31.5	29.6	3.4	88,261	9,039	...	...	7.5	
Cuba	7.3	4.1	-	-	7*, ^a	...	6.8	5.0	5.3	
Dominican Republic	39.9	21.7	4.3	3.5	2,482	2,342	...	...	7.2	
French Guiana	...	...	85.5	8.1	1,599	667	...	...	12.3	
Guadeloupe	...	...	-	-	8*	101	...	...	9.4	
Haiti	142.3	82.5	99.3	8.5	84,153	...	...	...	...
Martinique	...	...	-	-	7*	275	...	...	12.9	
Puerto Rico	2.1	1.0	-	-	5*	5,654	...	...	12.4	
Andean Area	48.1	28.3	12.9	11.8	212,227	128,908	4.1	2.7	8.8	
Bolivia (Plurinational State of)	84.0	56.5	14.9	9.3	13,769	26,681	2.3	1.8	...	
Colombia	24.7	15.2	14.5	17.3	117,637	33,207	3.1	2.7	9.0	
Ecuador	33.4	23.3	3.1	2.6	1,888	7,659	9.1 ^a	2.5 ^a	8.4	
Peru	106.9	59.4	8.6	12.1	33,778	29,810	3.8	3.2	6.9	
Venezuela (Bolivarian Republic of)	21.9	11.2	18.6	8.4	45,155	31,551	...	...	10.6	
Brazil	38.2	19.5	25.8 ^b	13.1 ^b	333,339	764,032	17.6	1.7	8.4	
Southern Cone	18.8	10.1	0.6	0.2	107	43,159	3.7	3.5	6.9	
Argentina	18.0	9.8	0.5	0.4	72	213	3.0	2.8	7.2	
Chile	13.9	6.7	-	-	3*	1	4.2	6.0	5.8	
Paraguay	35.3	20.4	3.5	0.1	27	42,945	5.0	2.3	...	
Uruguay	20.7	10.9	-	-	5*	-	7.5	2.6	8.3	
Non-Latin Caribbean	19.4	10.7	10.9	4.0	23,502	10,735	18.2	1.6	12.6	
Anguilla	6.8	-	-	-	-	9	...	...	17.0	
Antigua & Barbuda	6.9	6.9	-	-	1*	7	-	...	6.0	
Aruba	5.7	3.8	-	-	...	3,423	-	...	7.7	
Bahamas	9.0	5.5	-	-	1*	213	76.4	1.3	12.1	
Barbados	2.1	2.1	-	-	2*	751	20.7	2.5	11.0	
Cayman Islands	8.0	4.0	-	-	1*	2	8.0	0.3	9.6	
Curaçao	3.5	3.5	-	-	...	1,731	...	...	...
Dominica	11.0	11.0	-	-	1*	40	2.7	...	11.0	
Grenada	3.7	3.7	-	-	-	87	17.6	1.7	10.0	
Guyana	94.4	43.1	92.6	32.8	22,935	1,285	19.4	1.5	10.2	
Jamaica	4.7	2.8	-	-	12*	500	...	...	13.9	
Montserrat	-	-	-	-	-	4	19.5	...	...
Saint Kitts & Nevis	4.0	4.0	-	-	1*	47	12.2	2.0	12.5	
Saint Lucia	5.6	5.6	-	-	1*	758	16.2	1.7	10.1	
Saint Vincent & the Grenadines	14.4	7.7	-	-	2*	47	31.7	2.0	...	
Sint Maarten (Dutch part)	7.9	7.9	-	-	1*	172	...	...	...
Suriname	37.0	24.8	14.9	6.9	544	369	...	...	14.0	
Trinidad & Tobago	16.3	10.1	-	-	...	1,243	5.2	1.7	...	
Turks & Caicos Islands	13.9	6.9	-	-	...	14	29.3 ^a	...	8.7	
Virgin Islands (UK)	3.4	3.4	-	-	...	33	-	...	5.0	
Virgin Islands (US)	...	...	-	-	-	...	...	...	9.5	

Cholera, 2011

country	cases	deaths
BHS*	1	0
BRA*	1	0
CAN*	9	0
CHL*	1	0
DOM***	20,851	356
HTI	340,311	2,869
MEX	1	0
USA**	42	0
VEN*	96	0
total	361,313	3,225

Measles, 2011

country	cases
ARG	3
BRA	43
CAN	759
CHL	6
COL	6
DOM	2
ECU	263
FRG	5
GDL	13
JAM	1
MEX	3
MTQ	3
PAN	4
USA	222
total	1,333

Yellow Fever, 2011

country	cases	deaths
BOL	2	2
PER	13	6
total	15	8

Source:

PAHO/WHO

Technical Projects.

As of 15 June 2012

BI 29: ¹ new and relapse cases.

BI 31-36: (a) value 2009; (b) refers to Amazonas Region; (c) 2;0; (d) 1;0; (e) value 2011; (*) imported cases.

BI 33: refers to moderate and high risk except SLV, HTI, ARG, GUY (total population at risk).

resources, access & coverage indicators

	38 human resources per 10,000 pop			41 hospital beds per 1,000 pop 2009-11, lay	42A national health expenditure as a % of GDP		43 44 health care by trained personnel (%)		45 46 47 immunization coverage (%), 2011				49 contraceptive use (women, all methods) (%) 2008-11, lay	
	physicians c2009	nurses c2009	dentists c2009		public 2011	private 2011	antenatal (at least 4 visits)	at birth	year	under 1 year of age	1 year of age			
							DPT3 + Hib	Polio3	BCG	MMR1				
The Americas	20.7	43.1	4.3	2.4			90.8	95.5		94	94	96	94	64
North America	25.7	85.8	4.7	3.0			97.4	99.4		95	94	na	92	62
Bermuda	...	...	...	5.3	7.6 ^{a,2}	6.9 ^a	99.0	99.0	2011	98	96	na	87	54
Canada	23.3	93.0	5.8	3.2	7.9 ^{a,2}	3.3 ^{a,4}	...	100.0	2010	95 ^g	99 ^g	na	98 ^g	...
United States of America	26.0	85.0	4.6	3.0	9.9 ^{b,2}	5.6 ^b	97.4	99.3	2009	95 ^{e,f}	94 ^{e,f}	na	92 ^{e,f}	62
Latin America & the Caribbean	17.2	13.9	3.9	2.1			87.3	93.7		93	93	96	94	66
Latin America	17.3	13.9	3.9	2.1			87.3	93.7		93	93	96	94	66
Mexico	22.0	25.4	1.7	1.7	3.0 ²	3.1 ⁴	85.8	97.4	2010	97	97	99	98	37
Central American Isthmus	11.8	8.5	3.4	1.0			78.9	67.6		90	91	93	92	62
Belize	7.0	10.1	0.4	1.1	1.0 ^{b,1}	1.3	...	94.7	2011	95	95	98	98	...
Costa Rica	18.6	19.1	8.7	1.2	4.3 ²	3.1 ⁴	87.0 ^b	100.0	2011	85	82	78	83	82
El Salvador	20.1	5.1	8.1	1.0	3.7 ²	6.7 ⁴	75.3 ^d	84.9	2009	89	89	91	90	72
Guatemala	9.9	9.0	1.7	0.7	2.0 ²	4.9 ⁴	...	52.3	2010	85	86	89	87	54
Honduras	3.0	2.0	0.3	0.7	3.6 ²	3.2 ⁴	...	...	...	100*	100*	100*	100*	...
Nicaragua	...	...	...	1.1	4.6 ²	4.5 ⁴	70.0 ^d	74.0	2010	100*	100*	100*	100*	..
Panama	13.4	12.3	2.8	2.4	3.9 ^{b,2}	2.7 ⁴	94.1	92.7	2010	87	91	100	97	52
Latin Caribbean	41.0	51.8	6.0	3.5			98.9	98.2		87	85	92	77	61
Cuba	66.3	94.7	10.3	5.1	10.5 ^{c,1}	...	100.0	99.9	2011	100*	100 ^h	99	100*	78
Dominican Republic	14.9	2.9	1.9	1.7	2.8 ^{1,3}	4.6 ⁴	...	96.9	2009	84	84	100*	88	73
French Guiana	17.5	48.7	2.0	2.8	...	...	85.8	99.1	2010	...	...	...	...	...
Guadeloupe	26.4	61.2	4.3	5.8	2.1 ^b	...	...	99.3	2008	...	...	na	...	...
Haiti	...	...	...	...	...	3.7	...	...	...	85 ⁱ	79 ⁱ	82 ⁱ	58 ⁱ	32
Martinique	26.2	81.7	4.3	4.1	...	...	...	99.9	2009	...	...	na	...	...
Puerto Rico	...	...	...	3.0	...	...	98.0	100.0	2009	...	...	...	...	...
Andean Area	13.3	8.0	1.4	1.3			75.5	90.6		86	86	90	90	...
Bolivia (Plurinational State of)	4.9	5.5	0.7	1.1	2.1 ²	1.6	58.5	72.4	2011	82	82	90	84	...
Colombia	16.5	8.0	...	1.4	3.5 ^{c,2,3}	1.5	88.6	95.0	2010	85	85	83	88	61
Ecuador	16.9	6.5	2.3	1.6	3.9 ²	4.1	...	70.3	2010	100*	100*	100*	94	...
Peru	9.3	9.5	1.2	1.5	2.7 ²	2.3 ⁴	92.2	94.7	2010	91	91	91	96	74
Venezuela (Bolivarian Republic of)	...	...	...	0.9	...	2.4	47.0	98.1	2011	78	78	95	86	...
Brazil	15.1	7.1	5.5	2.3	3.1 ²	4.1 ⁴	99.0	99.0	2010	100	100*	100*	100*	87
Southern Cone	16.7	12.7	6.2	3.5			75.2	98.8		91	91	95	92	50
Argentina	...	...	...	4.5	6.2 ^{b,2,3}	3.2 ⁴	...	99.4	2010	93	93	100*	95	43
Chile	15.8	15.1	6.0	2.0	5.0 ^{2,3}	3.4 ⁴	...	99.8	2010	94	93	91	91	...
Paraguay	13.0	9.0	...	1.3	4.3 ¹	3.1	70.3	94.9	2010	76	75	76	77	79
Uruguay	29.0	8.0	7.0	3.0	4.5 ^{c,2,3}	5.2 ^b	91.0	99.0	2011	95	95	99	95	77
Non-Latin Caribbean	10.6	16.0	2.2	2.4			86.5	93.3		92	93	99	91	...
Anguilla	8.5	24.2	2.0	2.1	4.2 ^{c,1}	2.7 ^c	100.0	100.0	2010	100	100	100	97	87
Antigua & Barbuda	...	...	...	2.1	3.1 ¹	0.6	100.0 ^d	100.0	2010	99	99	na	100	...
Aruba	...	...	...	2.8	...	...	100.0	2009	...	...	na	...	...	...
Bahamas	...	27.5	2.2	3.1	2.9 ¹	3.2	86.0	99.0	2010	95	97	na	90	...
Barbados	13.0	42.0	2.4	6.6	4.6 ²	4.3 ⁴	89.0	100.0	2011	91	91	na	93	...
Cayman Islands	27.0	59.0	6.5	2.7	1.7 ^{b,1}	...	92.5	100.0	2011	75 ^b	88 ^b	75 ^b	83 ^b	...
Curacao	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dominica	17.0	51.0	2.9	3.8	3.4 ¹	2.6	...	100.0	2011	98	100*	100*	99	...
Grenada	7.6	43.9	2.1	3.5	2.9 ¹	3.0	...	100.0	2011	94	95	na	100*	...
Guyana	6.9	10.1	0.4	2.0	2.1 ^{b,1}	2.1	95.7	95.8	2009	93	93	97	98	43
Jamaica	10.4	8.0	2.8	1.8	2.5 ^{b,2}	2.7	...	90.1	2010	92	93	100*	88	72
Montserrat	...	...	...	5.8	11.1 ¹	1.0	100.0	100.0	2011	100	100	100	100	...
Saint Kitts & Nevis	...	...	...	4.8	2.2 ¹	2.5	...	100.0	2011	98	99	99	100*	...
Saint Lucia	8.0	19.0	1.6	1.6	2.6 ¹	2.7	99.0 ^c	98.5	2010	100	100	100*	91	...
Saint Vincent & the Grenadines	6.0	24.0	1.9	2.7	3.5 ¹	0.9	...	98.8	2011	96	96	100	100*	...
Sint Maarten (Dutch part)	...	...	...	...	...	...	...	...	...	92	95	na	...	...
Suriname	8.9	16.3	1.0	3.1	...	0.4 ^b	67.0	93.0	2010	86	86	na	85	48
Trinidad & Tobago	13.3	20.4	2.2	2.1	3.2 ²	2.7	...	...	...	90	91	na	92	...
Turks & Caicos Islands	...	...	...	0.7	2.4 ^b	...	92.0	92.0	2011	87	88	98	91	...
Virgin Islands (UK)	...	...	...	1.8	1.6 ¹	...	...	100.0	2011	92	92	100	97	...
Virgin Islands (US)	...	...	...	...	1.4 ¹	...	95.2 ^c	99.3	2008	...	...	na	...	...

BI 42 - 48: (a) value 2008; (b) value 2010; (c) value 2009; (d) value 2011; (e) value June 2010-July 2011

BI 42: (1) institutional expenditure; (2) functional expenditure; (3) includes 'obras sociales' (ARG), EPS (COL), ISAPRES (CHL), ARS (DOM), IAMC (URY); (4) includes private health insurance.

BI 45-48: (f) children aged 19-35 months; (g) < 2 years of age; (h) polio 2, as per country schedule; (i) < 1 year; (*) reported coverage > 100%.

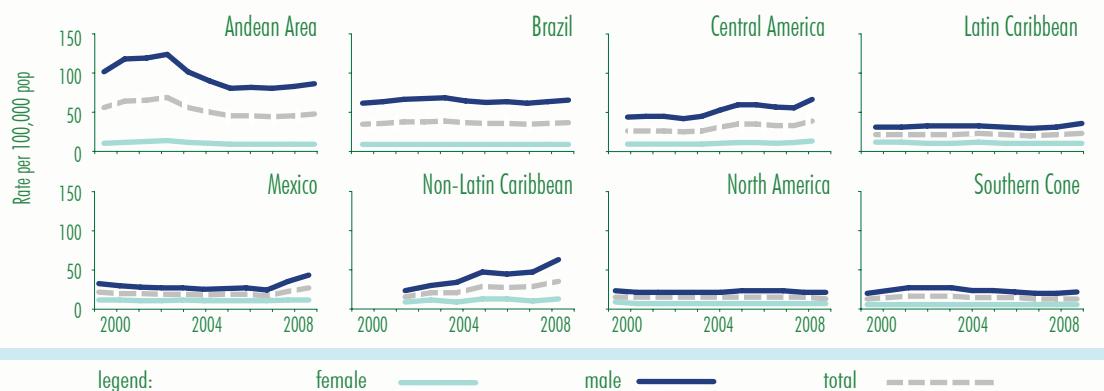
socioeconomic indicators

	50T literate population (15+ years old) (%) 2010			51 calories availability (Kcal/pc/day)	52A gross national income (US\$ per capita), 2011		53 annual GDP growth (%) 2010-11	54 highest 20%/ lowest 20% income ratio 2008-11, ^a loy	55T population (%) using improved drinking water sources, 2010			56T population (%) using improved sanitation facilities, 2010		
	total	male	female		2009	current value			total	urban	rural	total	urban	rural
	91.3	91.9	90.8	3,203	23,154	25,309	3.3	...	96	99	86	87	91	73
The Americas														
North America	...	...	...	3,659	48,164	47,994	1.8	...	99	100	95	100	100	99
Bermuda	...	...	...	2,716	...	...	-1.9 ^d	...	...	...	...	...	...	...
Canada	...	...	...	3,399	45,560	39,830	2.5	...	100	100	99	100	100	99
United States of America	...	...	...	3,688	48,450	48,890	1.7	...	99	100	94	100	100	99
Latin America & the Caribbean	91.3	91.9	90.8	2,935	8,582	11,753	4.3	16.7	94	98	82	79	84	60
Latin America	91.3	92.0	90.8	2,937	8,597	11,773	4.3	16.7	94	98	81	79	84	59
Mexico	93.1	94.4	91.9	3,146	9,240	15,120	3.9	11.4	96	97	91	85	87	79
Central American Isthmus	83.2	85.9	80.9	2,512	3,508	6,238	4.1	20.2	90	97	82	77	83	68
Belize	...	...	...	2,680	3,690	6,070	2.0	...	98	98	99	90	93	87
Costa Rica	96.2	95.9	96.4	2,886	7,660	11,950	4.2	14.5	97	100	91	95	95	96
El Salvador	84.5	87.1	82.3	2,574	3,480	6,690	1.5	14.3	88	94	76	87	89	83
Guatemala	75.2	80.6	70.3	2,244	2,870	4,800	3.9	...	92	98	87	78	87	70
Honduras	84.8	84.8	84.7	2,694	1,970	3,840	3.4	29.7	87	95	79	77	85	69
Nicaragua	...	...	...	2,517	1,170	2,840	4.7	...	85	98	68	52	63	37
Panama	94.1	94.7	93.5	2,606	7,910	14,740	10.6	17.1	93 ^b	97 ^b	83 ^b	69 ^b	75 ^b	51 ^b
Latin Caribbean	81.1	82.3	80.0	2,598	5,192	5,325	3.3	...	83	90	71	64	74	48
Cuba	99.8	99.8	99.8	3,258	5,460 ^a	...	2.1 ^d	...	94	96	89	91	94	81
Dominican Republic	89.5	89.4	89.7	2,491	5,240	9,490	4.5	11.3	86	87	84	83	87	75
French Guiana	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Guadeloupe	...	...	...	...	...	...	...	...	...	98	...	95	...	...
Haiti	48.7 ^a	53.4 ^a	44.6 ^a	1,979	700	1,190	5.6	...	69	85	51	17	24	10
Martinique	...	...	...	...	...	...	...	...	100	...	...	95	...	...
Puerto Rico	90.4	89.8	91.0	...	16,560 ^c	...	-2.1 ^d	...	...	...	...	...	...	...
Andean Area	93.6	94.2	92.9	2,657	6,749	9,915	5.6	17.8	90	96	73	72	79	53
Bolivia (Plurinational State of)	91.2 ^b	95.8 ^b	86.8 ^b	2,172	2,040	4,920	5.1	27.9	88	96	71	27	35	10
Colombia	93.4	93.3	93.5	2,717	6,110	9,640	5.9	20.1	92	99	72	77	82	63
Ecuador	91.9	93.3	90.5	2,267	4,140	8,310	4.8	12.5	94	96	89	92	96	84
Venezuela (Bolivarian Republic of)	95.5 ^b	95.7 ^b	95.4 ^b	3,014	5,500	10,160	6.9	13.5	85	91	65	71	81	37
Brazil	90.3 ^b	90.2 ^b	90.4 ^b	3,173	10,720	11,500	2.7	20.6	98	100	85	79	85	44
Southern Cone	97.6	97.7	97.5	2,871	9,830	15,686	7.5	12.4	94	98	71	90	97	60
Argentina	97.8	97.8	97.8	2,918	9,740	17,250	8.9	11.3	...	98	...	...	...	...
Chile	98.6 ^b	98.6 ^b	98.5 ^b	2,908	12,280	16,160	6.0	13.5	96	99	75	96	98	83
Paraguay	93.9	94.8	92.9	2,518	2,970	5,310	4.0	17.3	86	99	66	71	90	40
Uruguay	98.1	97.6	98.5	2,808	11,860	14,740	5.7	10.4	100	100	100	100	100	99
Non-Latin Caribbean	...	...	...	2,760	8,511	12,752	0.9	...	94	98	91	85	86	85
Anguilla	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Antigua & Barbuda	99.0	98.4	99.4	2,373	12,060	15,670	-4.2	...	...	95	...	...	98	...
Aruba	96.8	96.9	96.7	...	...	...	...	...	100	100	100	...	...	...
Bahamas	...	...	...	2,750	21,970 ^c	29,850 ^c	1.6	...	...	98	...	100	100	100
Barbados	...	...	...	3,021	12,660 ^b	18,850 ^b	-5.3 ^e	...	100	100	100	100	100	100
Cayman Islands	...	...	...	...	...	...	...	...	96	96	...	96	96	...
Curaçao	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dominica	...	...	...	3,147	7,090	12,460	1.1	...	...	96	...	...	96	...
Grenada	...	...	...	2,456	7,220	10,530	1.1	...	...	97	...	97	96	97
Guyana	...	...	...	2,718	2,900 ^c	3,460 ^c	4.4 ^c	...	94	98	93	84	88	82
Jamaica	86.6	81.6	91.4	2,807	4,980	7,770	1.3	...	93	98	88	80	78	82
Montserrat	...	...	...	...	...	...	...	...	100	100	100	96	96	96
Saint Kitts & Nevis	...	...	...	2,546	12,480	14,490	-0.1	...	99	99	99	96	96	96
Saint Lucia	...	...	...	2,710	6,680	9,080	0.7	...	96	98	95	65	71	63
Saint Vincent & the Grenadines	...	...	...	2,914	6,100	10,560	-	...	...	...	...	...	...	96
Suriname	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sint Maarten (Dutch part)	94.7	95.4	94.0	2,548	7,640 ^c	7,710 ^c	4.1 ^c	...	92	97	81	83	90	66
Trinidad & Tobago	98.8	99.2	98.4	2,751	15,040	24,940	-1.4	...	94	98	93	92	92	92
Turks & Caicos Islands	...	...	...	...	...	...	...	...	100	100	100	...	98	...
Virgin Islands (UK)	...	...	...	...	...	...	...	...	98	98	98	100	100	100
Virgin Islands (US)	...	...	...	...	...	...	...	...	...	...	...	...	...	...

BI 50-56: (a) value 2008; (b) value 2009; (c) value 2010; (d) value 2009-2010, (e) value 2008-2009.

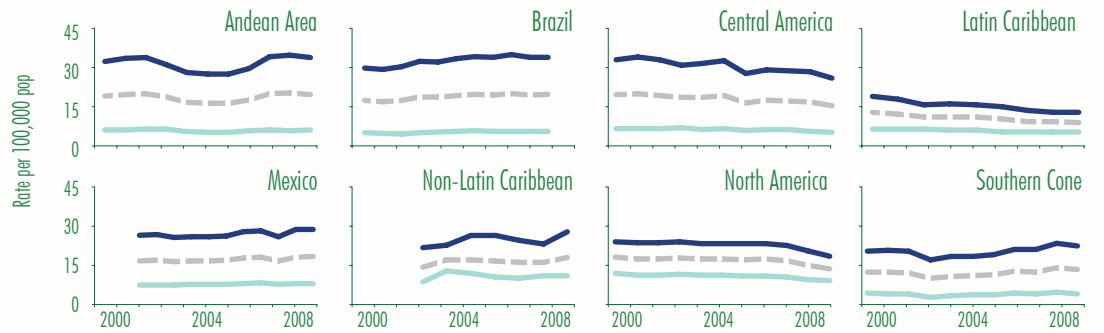
preventable deaths: violence and accidents in the americas

Figure 1: Age-adjusted mortality rate from homicide (10-49 years), 1999-2009, by subregions



legend: female ——— male —— total -----

Figure 2: Age-adjusted mortality rate from land transport accidents (10-49 years), 1999-2009, by subregions



Mortality data from homicides¹ and land transport accidents² among those in ages 10 to 49 years during 1999 to 2009 in the Americas were used for analysis. Within this population, nearly 1,153,800 and 925,700 people died from homicide and land transport accidents, respectively.

Throughout the Region, the age-adjusted mortality rates³ from homicides remained relatively stable, varying from 21.0 per 100,000 pop in 1999 to 22.2 per 100,000 pop in 2009. However, significant subregional differences were observed during the study period (Figure 1). The highest rates were found in the Andean subregion, Brazil and Central America, with mean values of 56.4, 35.8, and 28.6 per 100,000 pop, respectively. In the Andean subregion, rates experienced a decrease starting in 2002 influenced by the rates in Colombia. In contrast, Central America had an increase that started in 2003, heavily influenced by El Salvador's data. Noteworthy, rates in Mexico have risen sharply since 2008. On the other hand, North America and the Southern Cone had the lowest and very similar rates of 8.0 and 7.9 per 100,000 pop, respectively. The relative risk of dying by subregion was estimated⁴ using the Southern Cone homicide mortality rate as baseline. The likelihood of dying in the Andean subregion was 5.4 times greater with a 95% confidence interval (95% CI) of 4.6 to 6.5, in Brazil of 4.7 (95% CI, 3.9-5.6) and in Central America 4.0 (95% CI, 3.3-4.8). Compared to women, men had an average mortality risk 9.4 times higher in the Region (95% CI, 8.0-11.1). The age groups 20 to 29, 30 to 39, and 40 to 49 years had mortality rates with average values of 37.5, 25.0, and 16.1 per 100,000 pop respectively, with a statistically significant higher risk than the group of 10 to 19 years (13.6 per 100,000 pop).

The highest age-adjusted mortality rates from land transport accidents (Figure 2) were observed in Brazil and the Andean subregion with mean values of 20.0 per 100,000 pop; in contrast, the lowest rates were found in the Latin Caribbean and the Southern Cone with mean values of 11.6 and 12.0 per 100,000 pop, respectively. Men showed higher death rates than women, with a risk 4.2 times higher (95% CI, 3.9-4.5). Mortality rates in the age groups 10 to 19, 20 to 29, 30 to 39, and 40 to 49 years had mean values of 11.9, 24.1, 19.6, and 19.3 per 100,000, respectively.

Mortality from land transport accidents and homicides might be associated⁵ with economic, educational, political, social, and cultural factors. Also, they overburden the health care systems and pose a high cost on society, in addition to the suffering of the victims and their families⁶. In several countries of the Region the proportion of population in productive ages regarding the number of the youngest and the oldest are increasing, favoring their economic growth. The negative potential impact of these deaths over this "demographic bonus" is an important call to countries for action given the preventability of these outcomes.

Notes and references:

¹ Homicide = ICD-10: codes X85-Y09

² Land Transport Accidents = ICD-10: codes V01-V89

³ Mortality rates may be underestimated due to data quality problems such as the proportion of deaths that have not been registered and the proportion of violent deaths and accidental deaths of unknown intention.

⁴ Based on Negative Binomial Regression Model that allows the estimation while accounting for the variation within the subregions.

⁵ Briceño-León R, Villaveces A., Concho-Eastman A.: Understanding the uneven distribution of the incidence of homicide in Latin America. International Journal of Epidemiology 2008; 37:751-757.

⁶ Pan American Health Organization. "Informe sobre el estado de seguridad vial en las Américas". Washington DC, 2009. Spanish only. Accessed 31 August, 2012. (<http://www.bvsde.paho.org/texcom/cd045364/SeguridadVialAméricas.pdf>)

technical notes & sources

Technical notes:

- Maternal mortality ratio, infant mortality rate, and under 5 mortality (BI 10, 12, 13) are reported by countries; an increase may reflect an improvement in data coverage and quality.
- 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 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 42AB): Public expenditure (BI 42A) corresponds to general government expenditure in the function ‘health’ (Division 07) of the Classification of the Functions of Government (COFOG); Private expenditure (BI 42B) is based on the weight of ‘health’ in the Consumer Price Index (CPI) of the country. For more information, visit: www.paho.org/Spanish/DPM/SHD/HP/mexp-metodos.htm.
- Antenatal care visits by trained personnel (BI 43) refer to ‘four or more visits’.

Two new countries are included, Curaçao and Sint Maarten (Dutch part); the Netherlands Antilles have been removed.

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.

Map:

Data from PAHO/WHO Regional Mortality Information System, 2012 and HSD/HA analysis. External causes of death (ICD-10: V01-Y89).

Suggested citation:

Pan American Health Organization/World Health Organization (PAHO/WHO), Health Information and Analysis Project (HSD/HA). Health Situation in the Americas: Basic Indicators 2012. Washington, DC, United States of America, 2012.

Data sources:

- PAHO/WHO Country Representatives and National Authorities. Data provided by Member States through basic indicators online data entry tool. Washington DC, 2012. **As of 15 June 2012.** (BI 10, 12, 13, 37-41, 43, 44, 49)
- PAHO/WHO Technical Projects. Data provided through basic indicators online data entry tool. Washington DC, 2012. **As of 15 June 2012.** (BI 29-36, 38-40, 42 AB, 45-48)
- 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. June 2012 release (<http://www.census.gov/ipc/www/idb/>). (BI 1-6, 8, 9)
- World Health Organization (WHO). World Health Statistics 2012. Geneva, 2012. (<http://www.who.int/reproductivehealth/publications>). (BI 11)
- United Nations Population Division. World Urbanization Prospects: The 2011 Revision, New York; 2012. (BI 7)
- PAHO/WHO. Regional Mortality Information System; Washington DC; 2012. **As of 15 June 2012.** (BI 14-28)
- UNESCO. Institute for Statistics (UIS). Data Centre, UIS Estimates. Accessed 13 June 2012. (<http://www.stats.uis.unesco.org>). (BI 50)
- Food and Agriculture Organization (FAO), FAOSTAT, Rome 2012. Accessed 10 July 2012. (<http://apps.fao.org>). (BI 51)
- The World Bank. World Development Indicators 2012. Washington, D.C. Accessed 26 July 2012 (www.data.worldbank.org/data-catalog). (BI 52-54)
- WHO/UNICEF. Joint Monitoring Programme (JMP) for Water Supply and Sanitation. Accessed 21 June 2012. (<http://www.wssinfo.org/datamining/tables.html>). (BI 55-56)

Symbols and abbreviations:

(-) magnitude zero; (0) magnitude less than half the measurement unit; (...) data not available; (c) circa; (pop) population; (lb) live births; (lay) latest available year; (ppp) purchasing power parity; (GDP) gross domestic product; (ADD) acute diarrhoeal 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-Guerin); (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).