Health inequalities in the Region of the Americas

Regional Consultation of the Commission of Social Determinants of Health
Washington, D.C.
5 July 2005
Infant mortality in Latin America and the Caribbean, 2003

Source: PAHO. Core Health Data Initiative. Basic Health Indicators, 2004
Relation between Infant Mortality and Gross National Income in the Americas, 2002

Infant mortality and Gross National Income in countries of the Americas, 2002

Infant mortality rate (deaths per 1,000 live births)

Gross National Income ($ per capita, adjusted for purchasing power parity)

\[ y = 16756x^{-0.7593} \]

Source: PAHO. Core Health Data Initiative. Basic Health Indicators, 2004
Income inequalities in the Americas. Trends 1990-2002

Income distribution in the countries of the Americas, 1990
Gini coeff. = 0.383287

Income distribution in the countries of the Americas, 2002
Gini coeff. = 0.402855

Source: PAHO. Core Health Data Initiative. Basic Health Indicators, 2004
Health inequalities in the Americas. Infant Mortality Trends 1990-2004

Infant mortality distribution, countries of the Americas, 1990
Gini coeff. = 0.346525

Infant mortality distribution, countries of the Americas, 2004
Gini coeff. = 0.322416

Source: PAHO. Core Health Data Initiative. Basic Health Indicators, 2004
Income level and distribution in selected countries of the Americas, 2002

Child mortality trends in selected countries of the Americas by place of residence and year

Source: Demographic and Health Surveys, country data from Website www.measuredhs.com
Child mortality trends in selected countries of the Americas by mother’s education and year

Source: Demographic and Health Surveys, country data from Website www.measuredhs.com
Correlation between MDG indicators in countries of the Americas, 2003. Infant mortality and its determinants

<table>
<thead>
<tr>
<th>MDG Indicators</th>
<th>Infant mortality</th>
<th>Poverty</th>
<th>Access to basic sanitation</th>
<th>Infant malnutrition</th>
<th>Births attended by trained personnel</th>
<th>Access to potable water</th>
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</thead>
<tbody>
<tr>
<td>Infant mortality</td>
<td>1.000</td>
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<tr>
<td>Poverty</td>
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<td>Access to basic sanitation</td>
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<td>-0.827*</td>
<td>-0.616*</td>
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<td>Infant malnutrition</td>
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<td>-0.421</td>
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<td>Births attended by trained personnel</td>
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<td>-0.779*</td>
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<td>Access to potable water</td>
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<td>1.000</td>
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</tbody>
</table>

Source: World Population Prospects 17 countries with information were considered: Bolivia, Brasil, Chile, Colombia, Costa Rica, Ecuador, El Salvador, Guatemala, Honduras, México, Nicaragua, Panamá, Paraguay, Perú, República Dominicana, Uruguay, Venezuela.

* Significant at 95% confidence levels.
Infant mortality in selected countries of the Americas, around 1998 (distribution by subnational units)

Source: PAHO. Health in the Americas, 2002 edition

Regional Consultation of the CSHD
PAHO/WHO
Infant mortality by countries of the Americas, around 1998 (distribution by subnational units)