



UCL Institute of Health Equity



Commission on Equity and Health Inequalities in the Americas

Professor Sir Michael Marmot

Health equity Summit

Cuernavaca

14 November 2017

@MichaelMarmot

Commission on Equity and Health Inequalities in the Americas

- Prioritise and take action on inequities and health inequalities

Commission

Build and develop focus on

Gender

Ethnicity

Social, economic, environmental, political and cultural arrangements

Human Rights

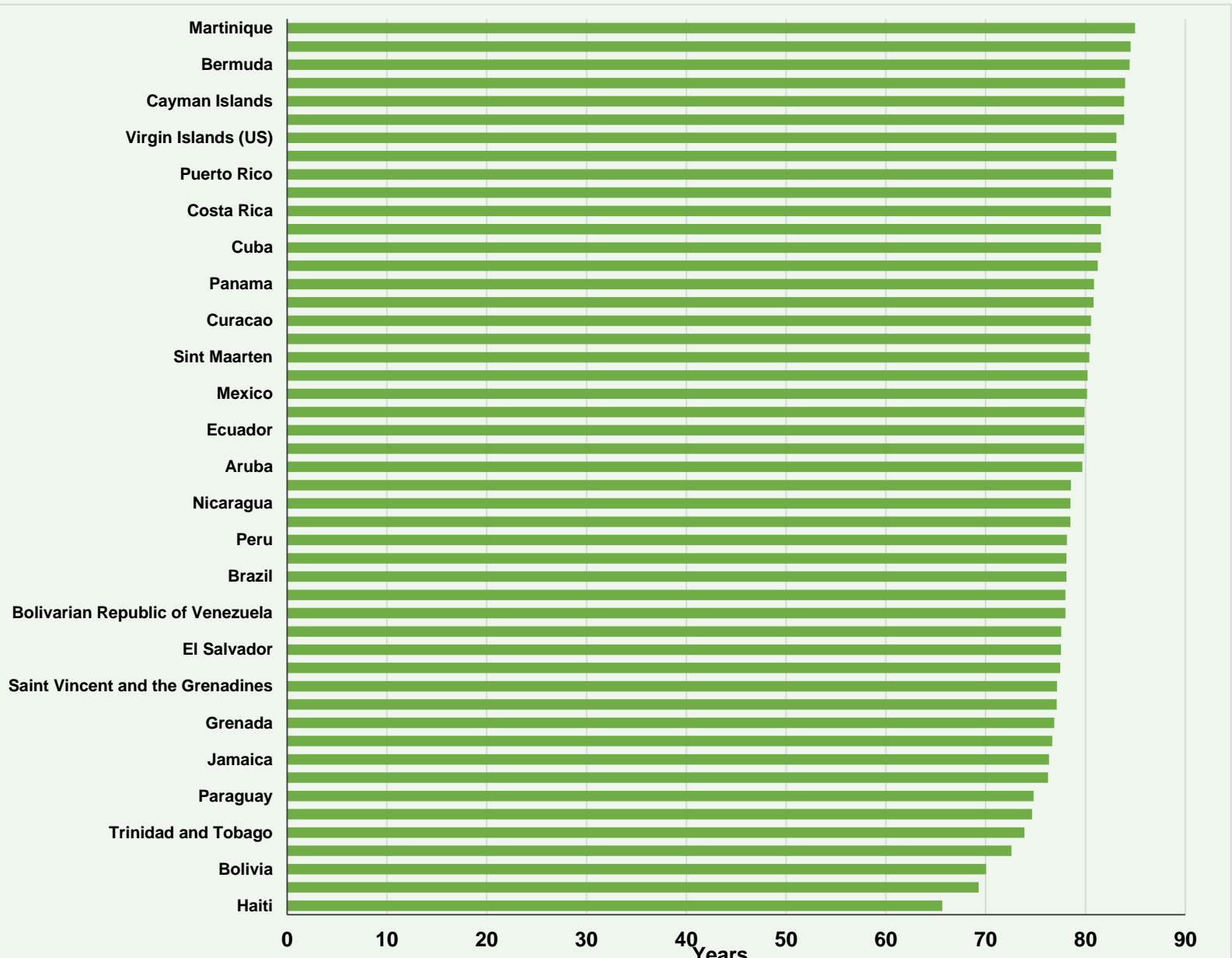
Sustainable Development Goals

Commission

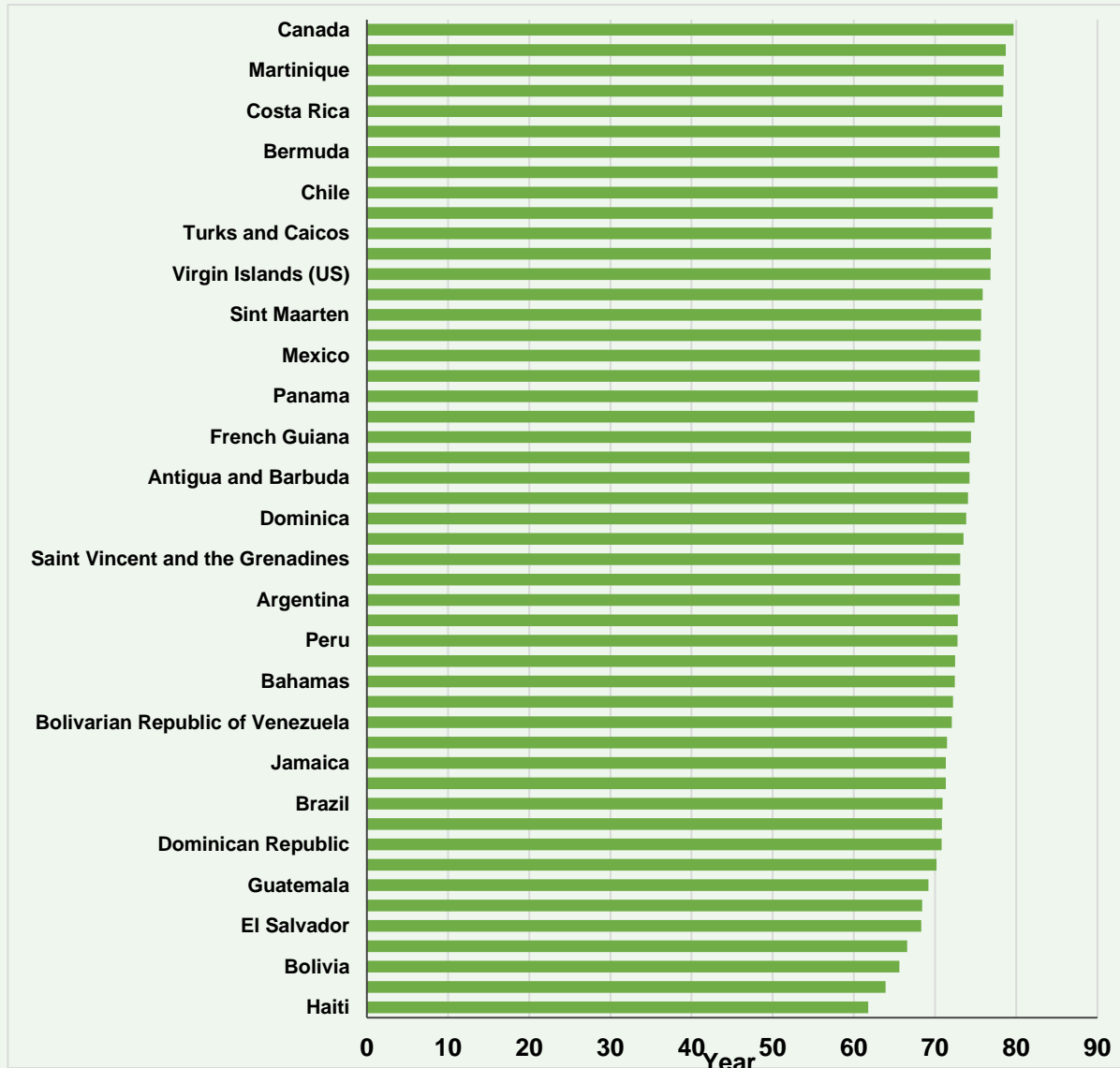
- **Evidence Reviews and Deliberation**
- **Better data and monitoring** of inequities
- **Conceptual and practical approaches** for member states, international organisations, local organisations and civil society
- **Advocacy** – making it happen
- **Country partnerships**



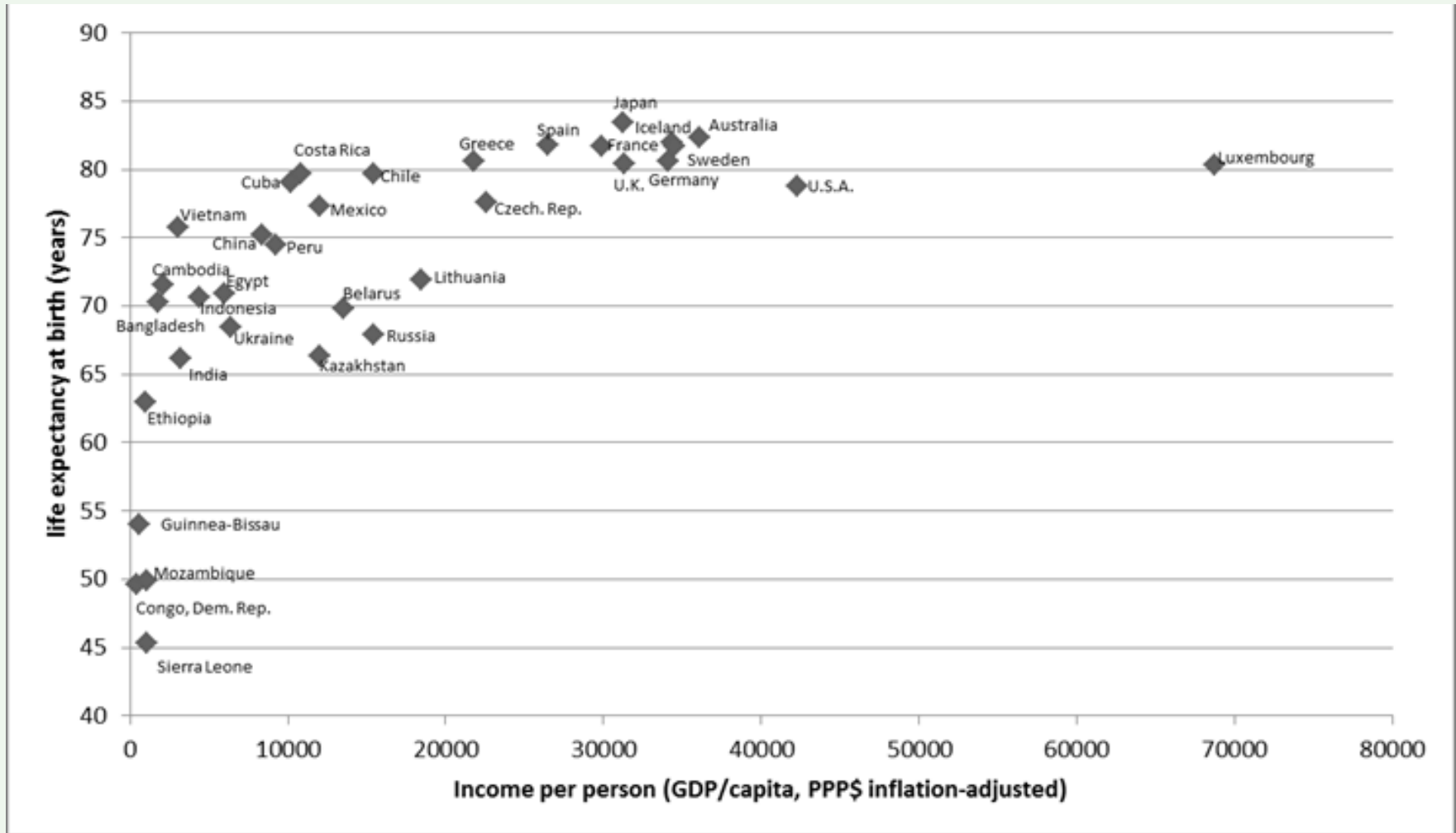
Life expectancy at birth 2014 Females range 66 to 85



Life expectancy at birth 2014 males 62 to 80 y

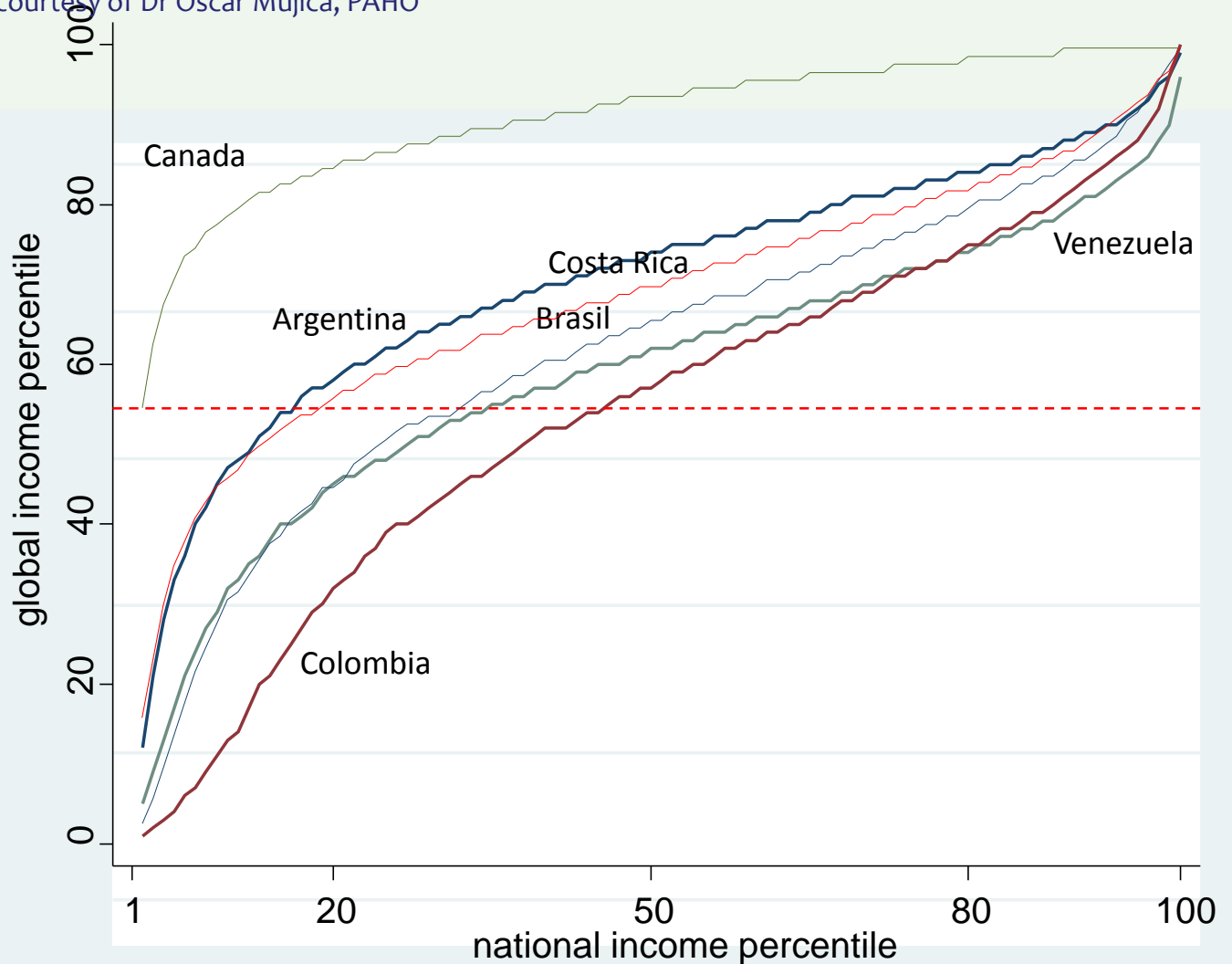


The relationship between wealth and health, 2012

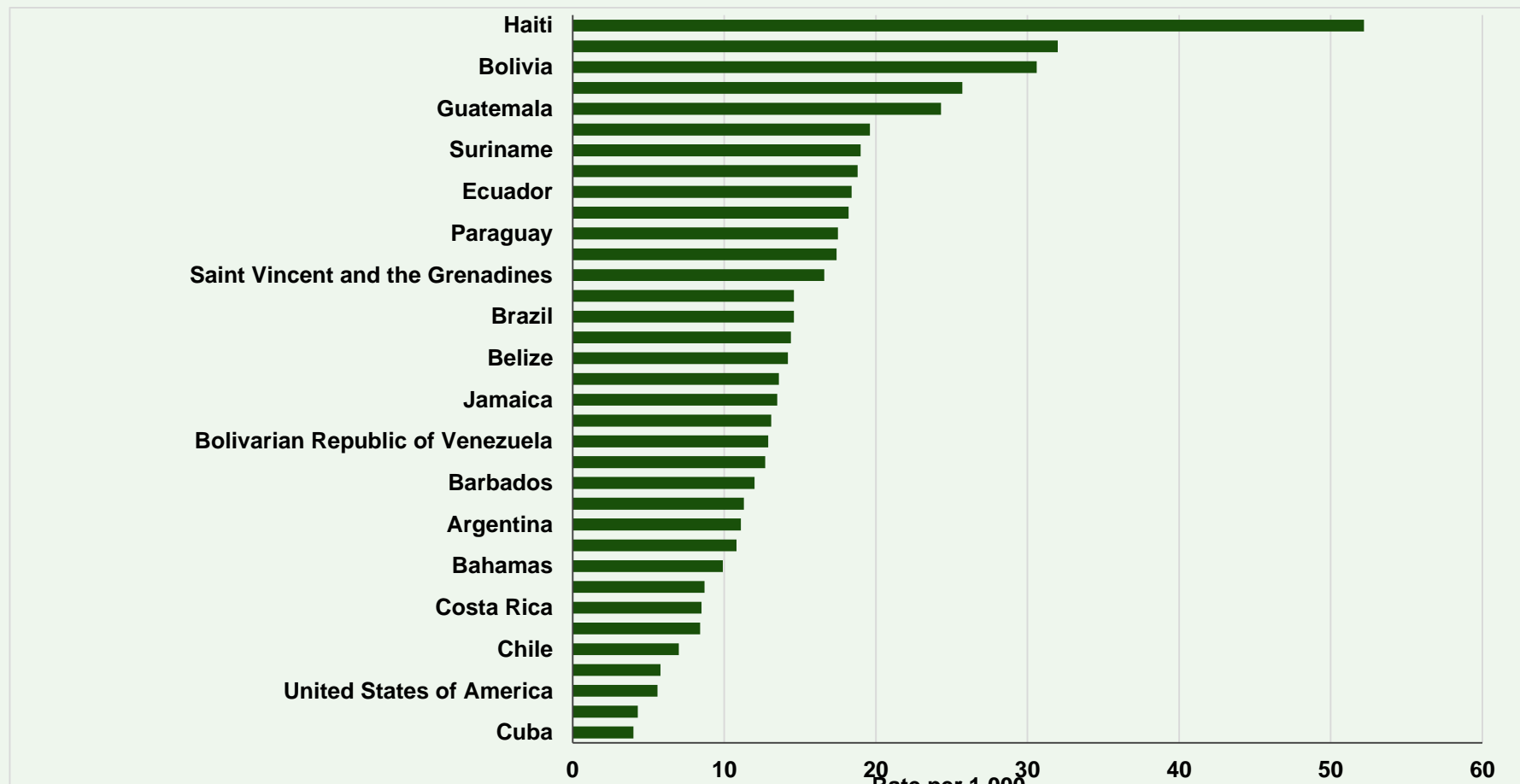




Slide courtesy of Dr Oscar Mujica, PAHO

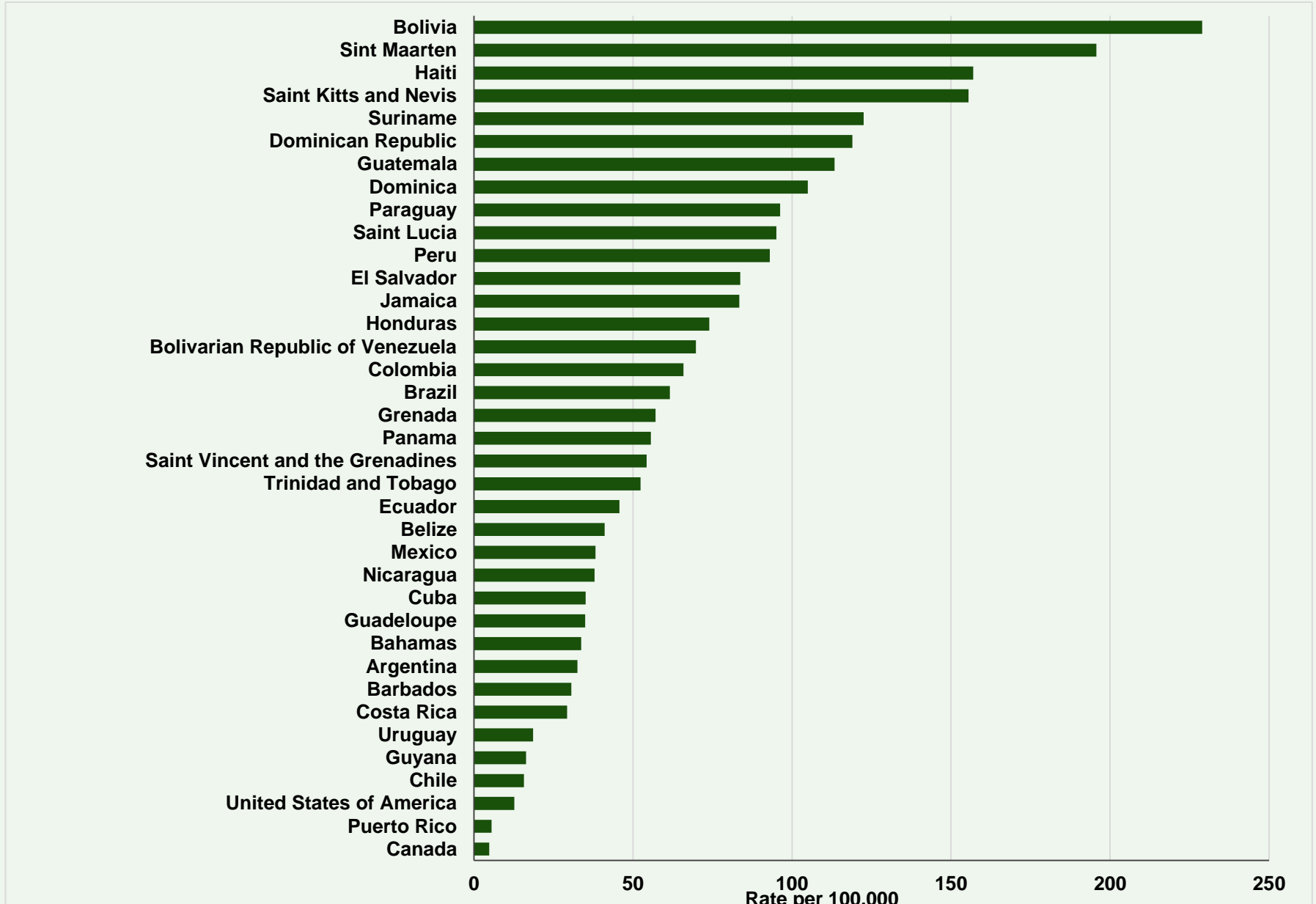


Estimated Infant Mortality Rates



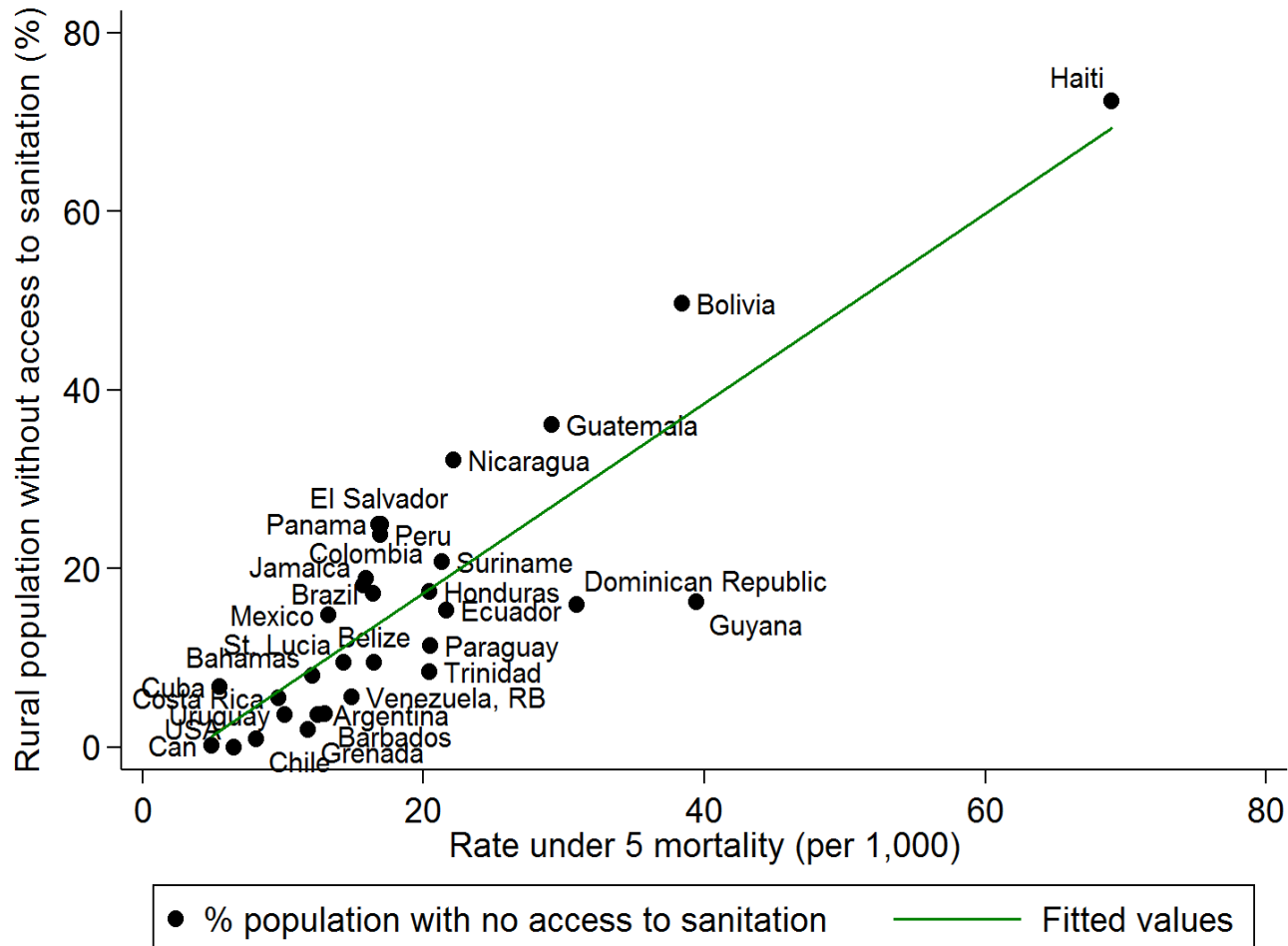


Maternal Mortality Rates





% of rural population without access to sanitation and u5 mortality rate, 2015



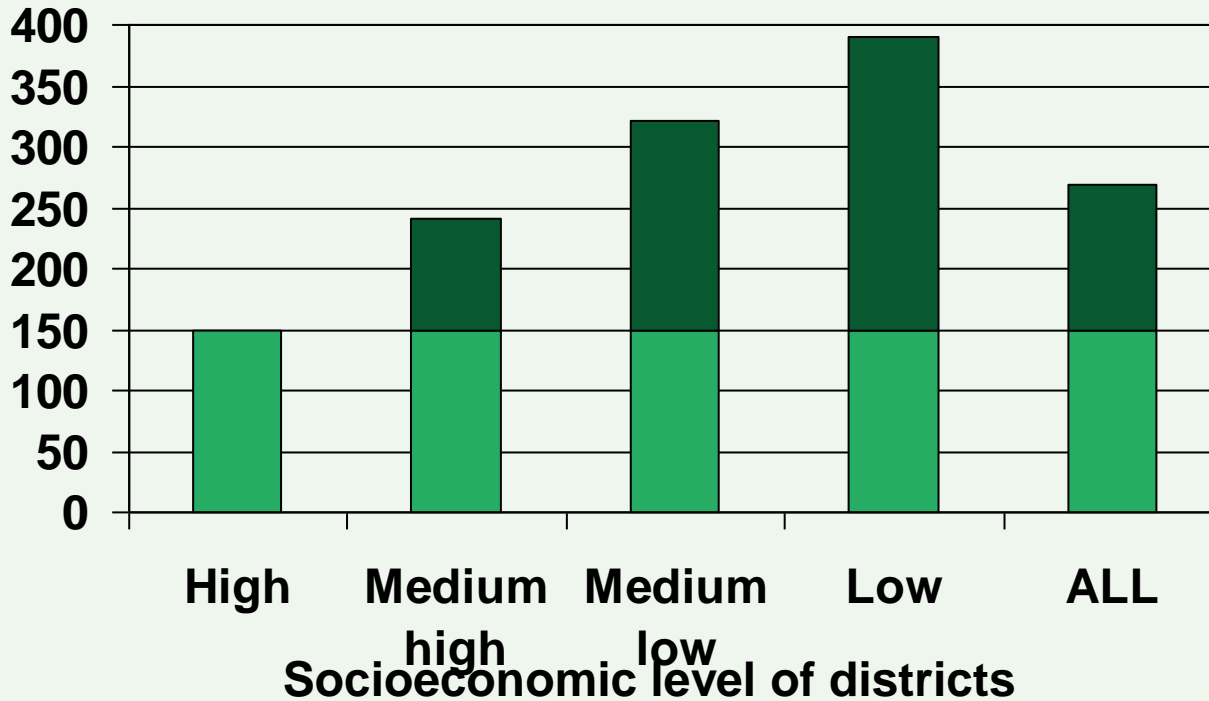
Cardiovascular deaths of people aged 45 - 64 and social inequalities: Porto Alegre, Brazil

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■ CVD deaths ■ Attributable CVD deaths

CVD deaths per 100,000 inhabitants



45% all premature CVD deaths in Porto Alegre caused by socioeconomic inequality

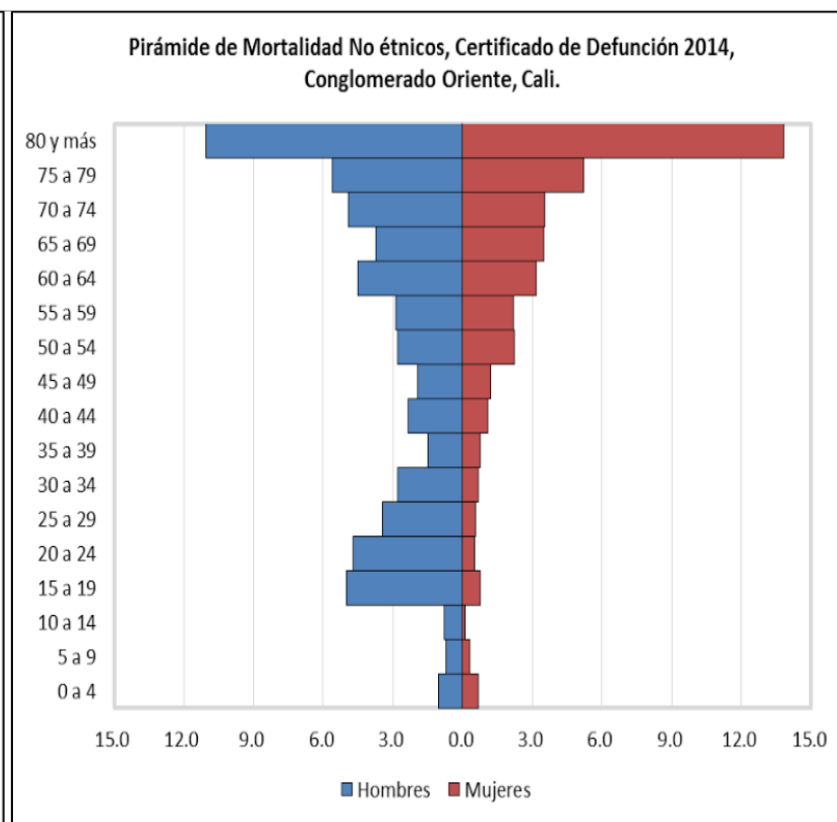
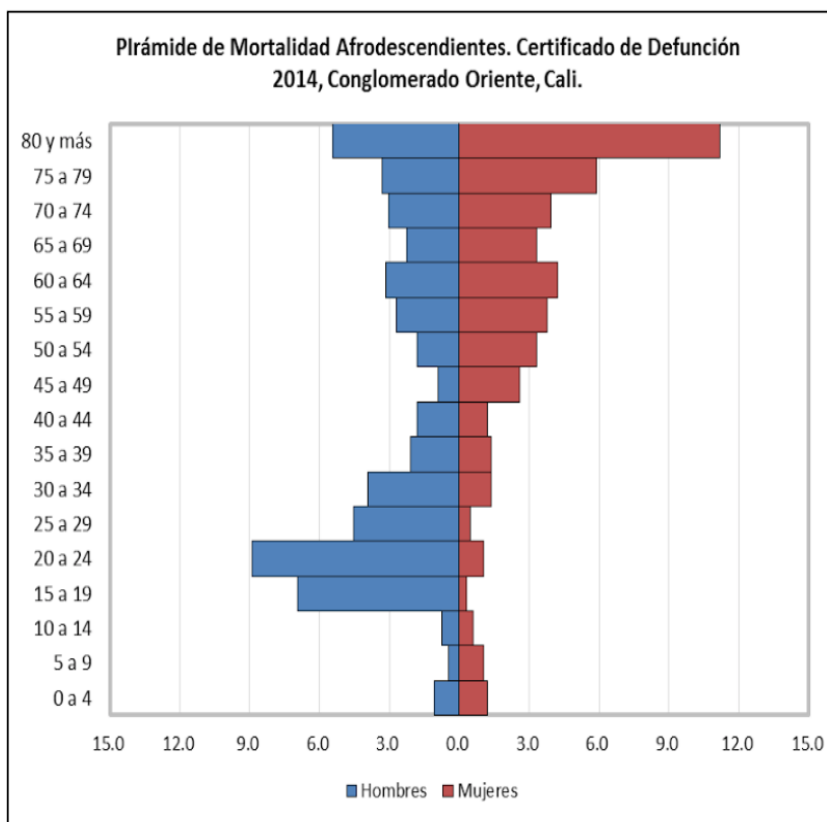
Premature mortality by CVD 2.6 times higher in lowest compared to highest districts by socioeconomic level

(Source: Bassanesi, Azambuja & Achutti, Arq Bras Cardiol, 2008)

Mortality in Cali: Afro- (L) and Blanca-mestiza (R)

Slide courtesy of Dr Pastor Murillo, commissioner

Pirámides de mortalidad por grupos étnicos, Certificado de Defunción 2014, Conglomerado Oriente Cali



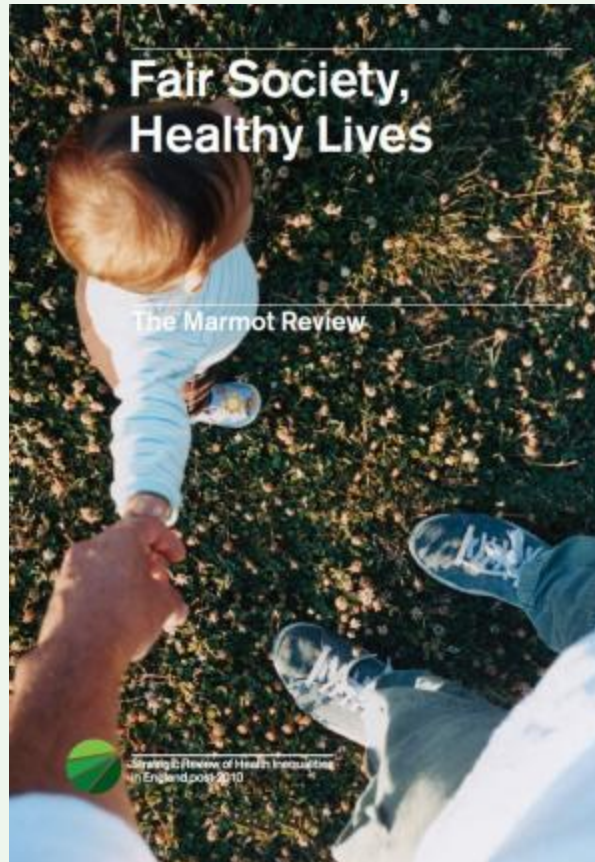
Fuente: Urrea, F. et al (2015). "Patrones de mortalidad comparativos entre la población afrodescendiente y la blanca-mestiza para Cali y el Valle". En: CS 16, págs. 135-171.

Closing the gap in a generation

Health equity through action on the social determinants of health



The Commission on Social Determinants of Health (CSDH) – Closing the gap in a generation



Strategic Review of Health Inequalities in England:
The Marmot Review – Fair Society Healthy Lives



Review of Social Determinants of Health and the Health Divide in the WHO European Region



Marmot Review: 6 Policy Objectives

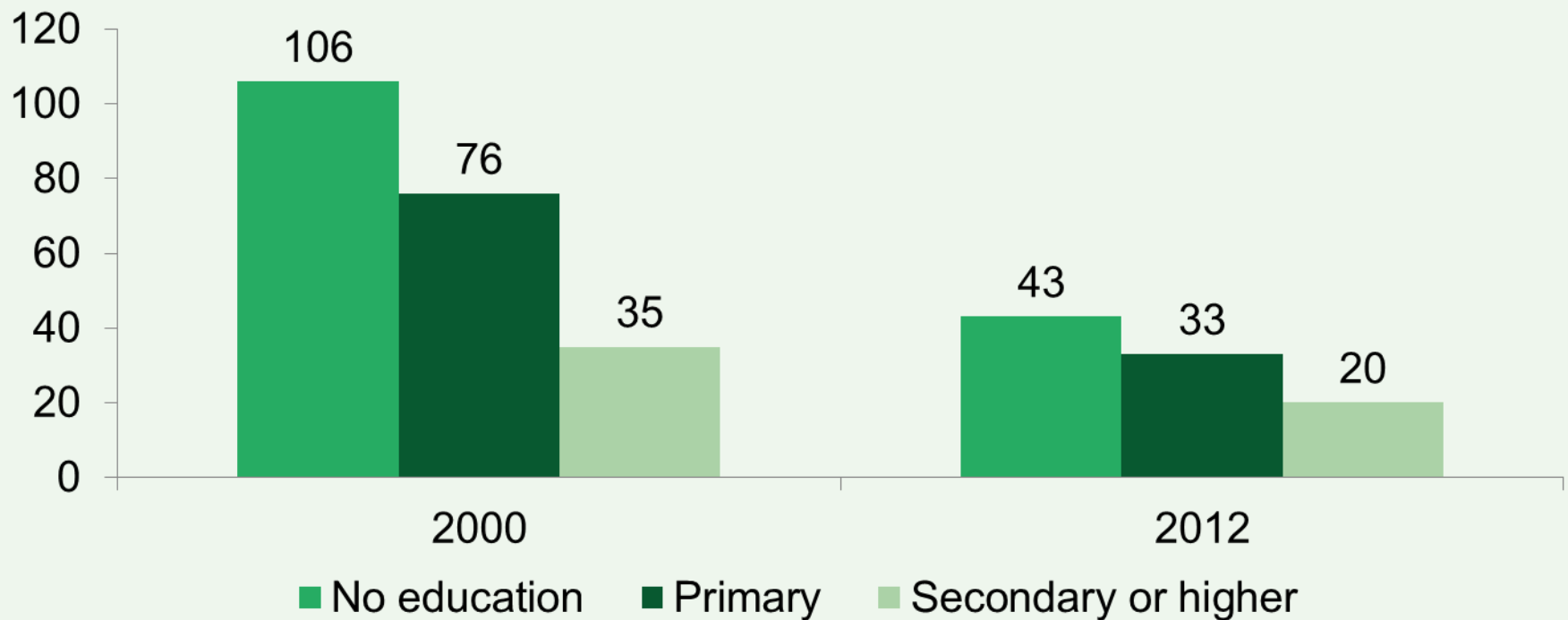
- A. Give every child the best start in life**
- B. Enable all children, young people and adults to maximise their capabilities and have control over their lives**
- C. Create fair employment and good work for all**
- D. Ensure healthy standard of living for all**
- E. Create and develop healthy and sustainable places and communities**
- F. Strengthen the role and impact of ill health prevention**

Lifecourse

- Accumulation of positive and negative effects on health and wellbeing create health inequities;
- Intergenerational transmission of inequities



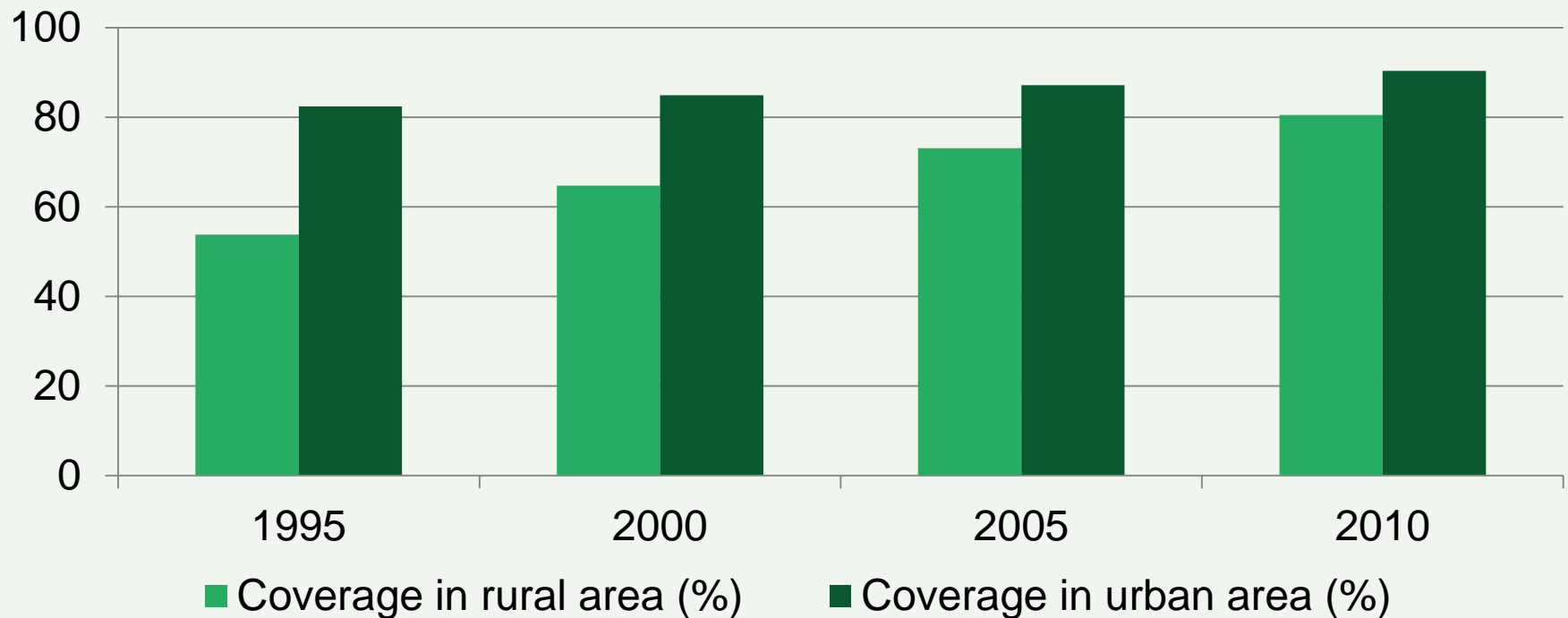
Under five mortality per 1000 live births by mother's education: Peru 2000 and 2012



(U5M for the ten years preceding the survey)

Source: measuredhs.com

Reducing rural/urban inequity in antenatal care (at least four visits) in Colombia, DHS 1995, 2000, 2005 and 2010

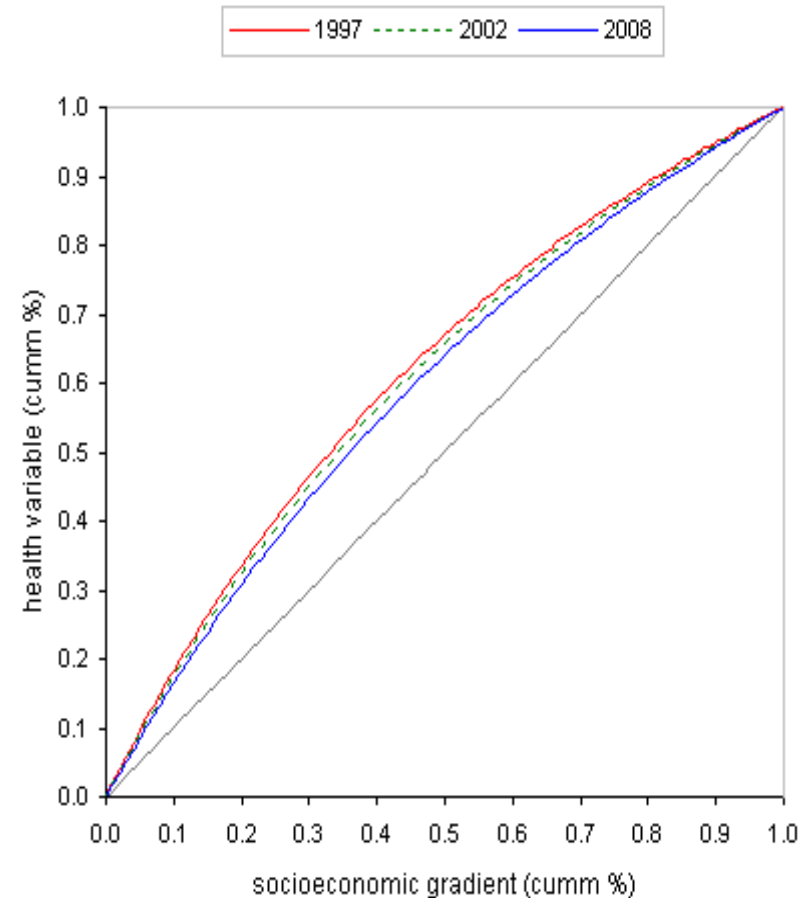
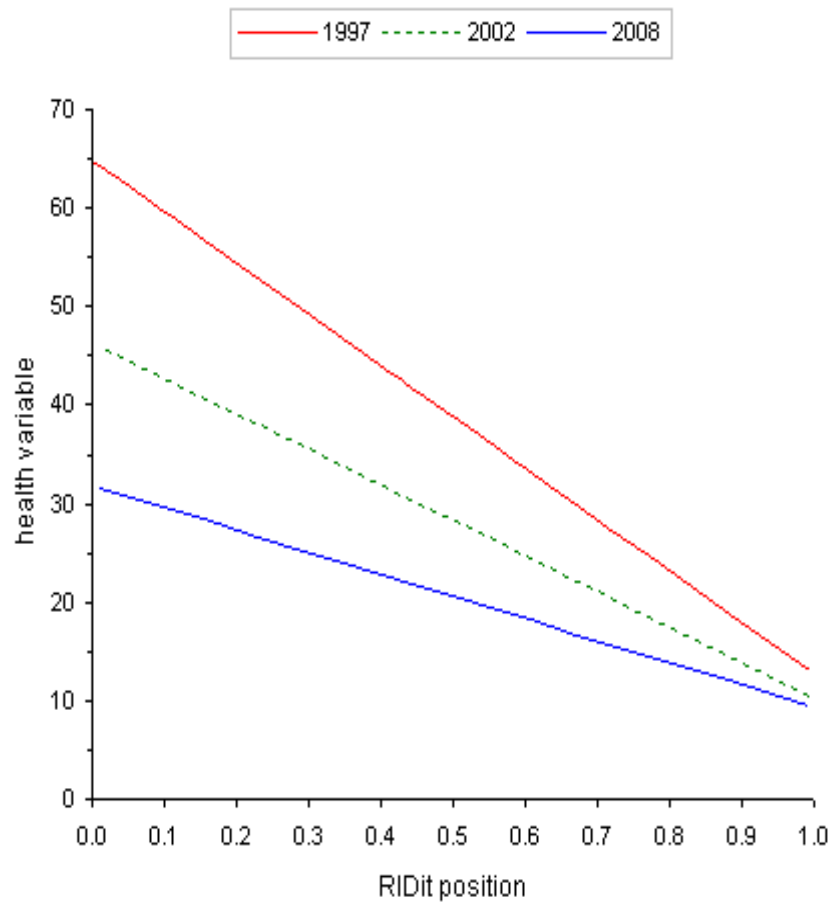


(DHS 1995, 2000, 2005, WHO)

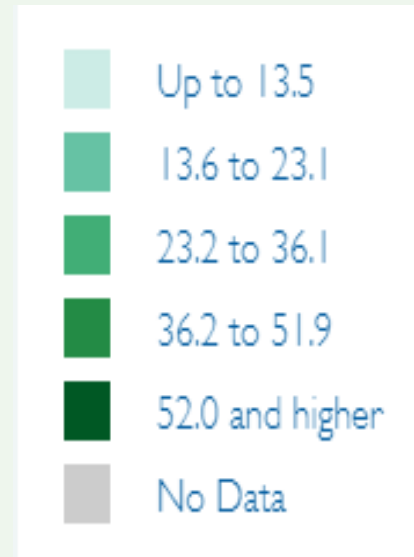
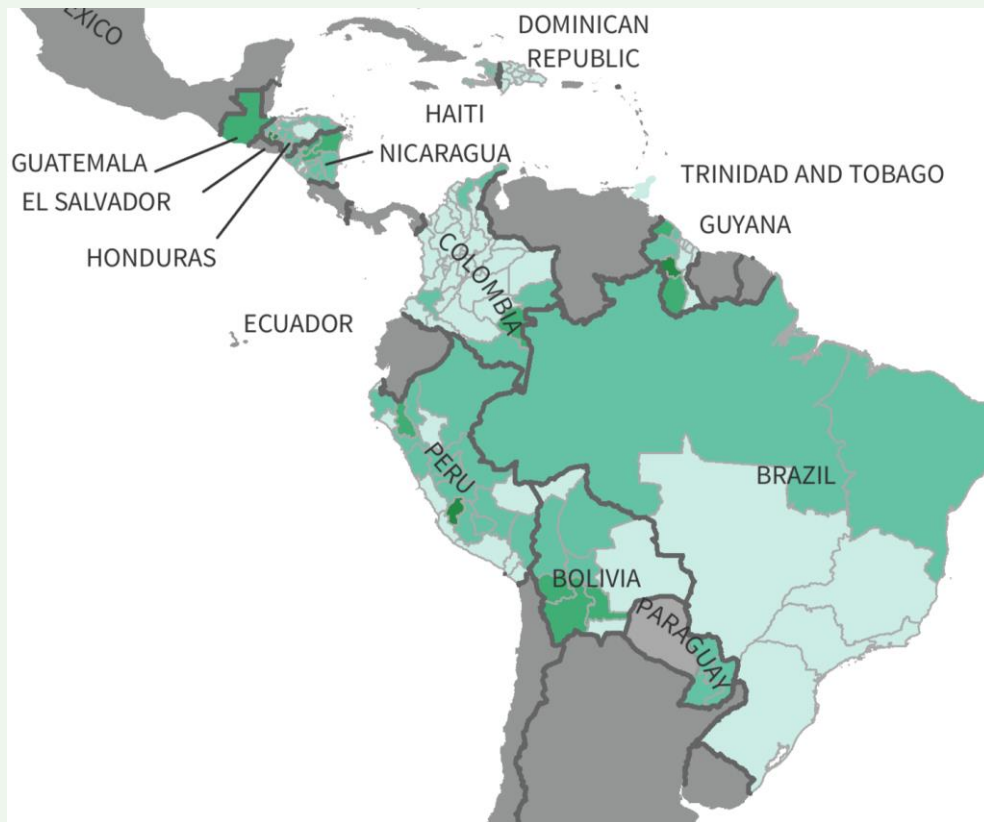


Brazil: redistributive effect on inequality in infant mortality, 1997-2008

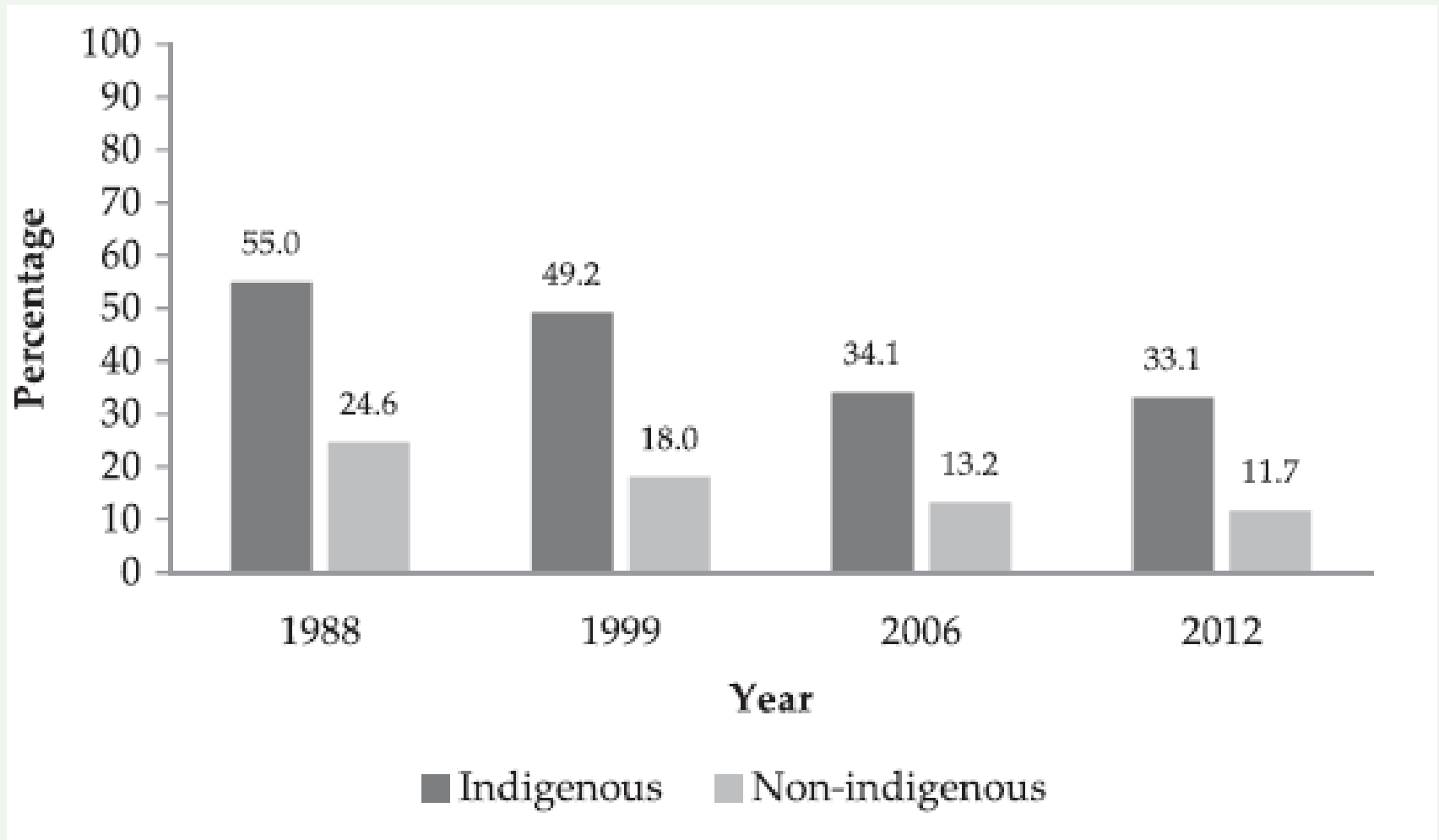
Slide courtesy of Dr Oscar Mujica, PAHO



Map of % children Stunted



Prevalence of childhood stunting by ethnic group: Mexico



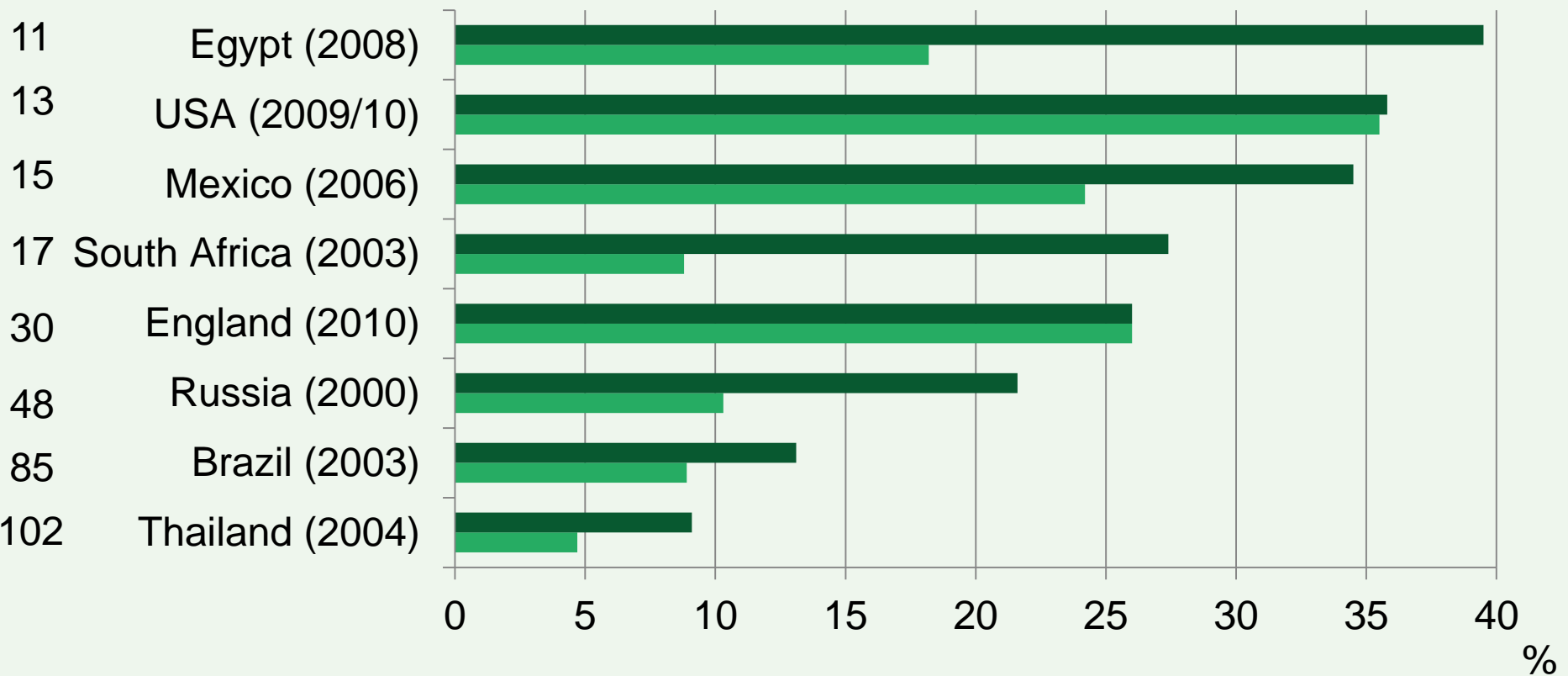
(Sevan-Mori et al. 2014)

Adult Obesity - selected countries

(BMI \geq 30 kg/m³)

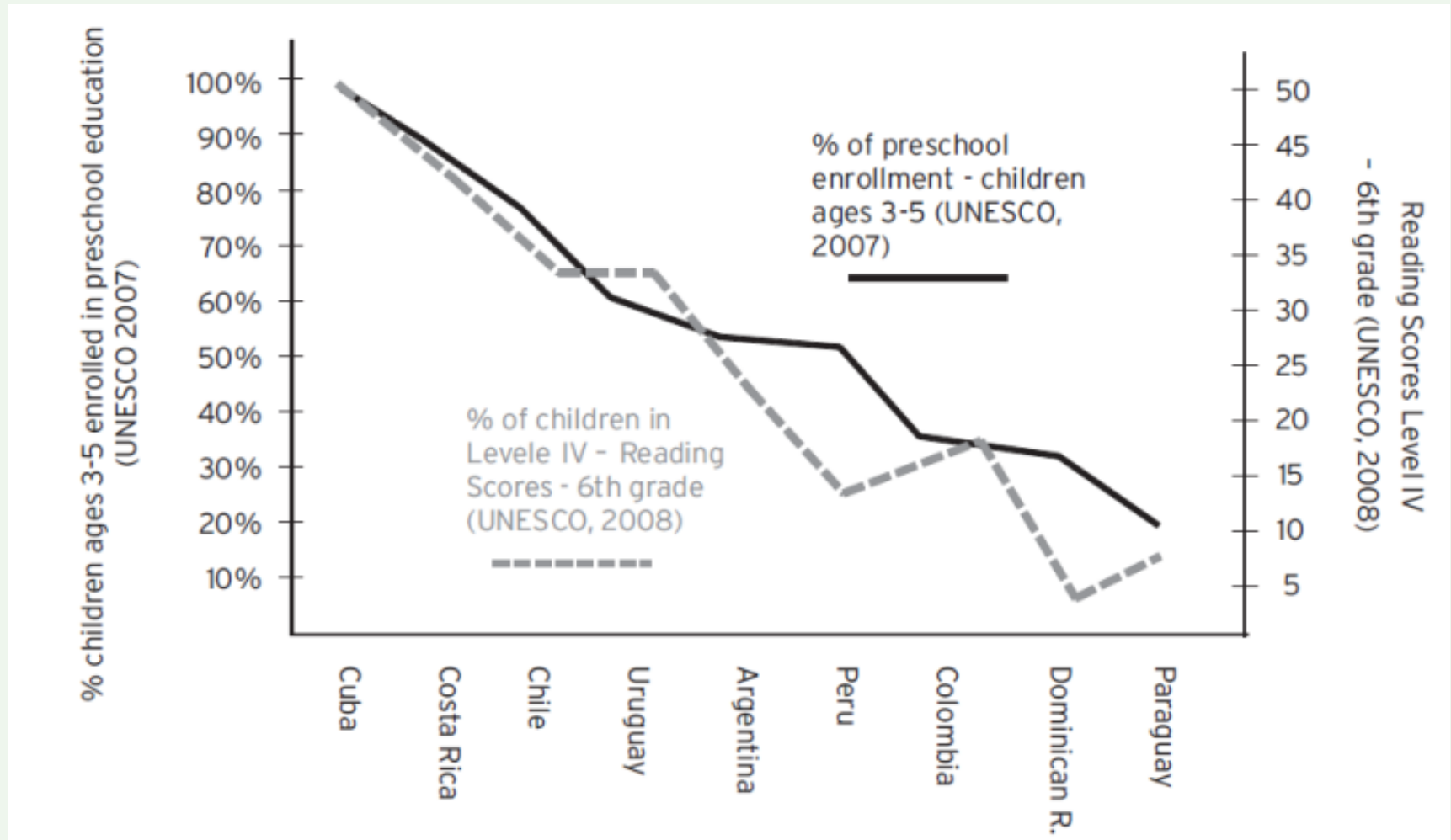
Ranked by prevalence in women

■ Women ■ Men

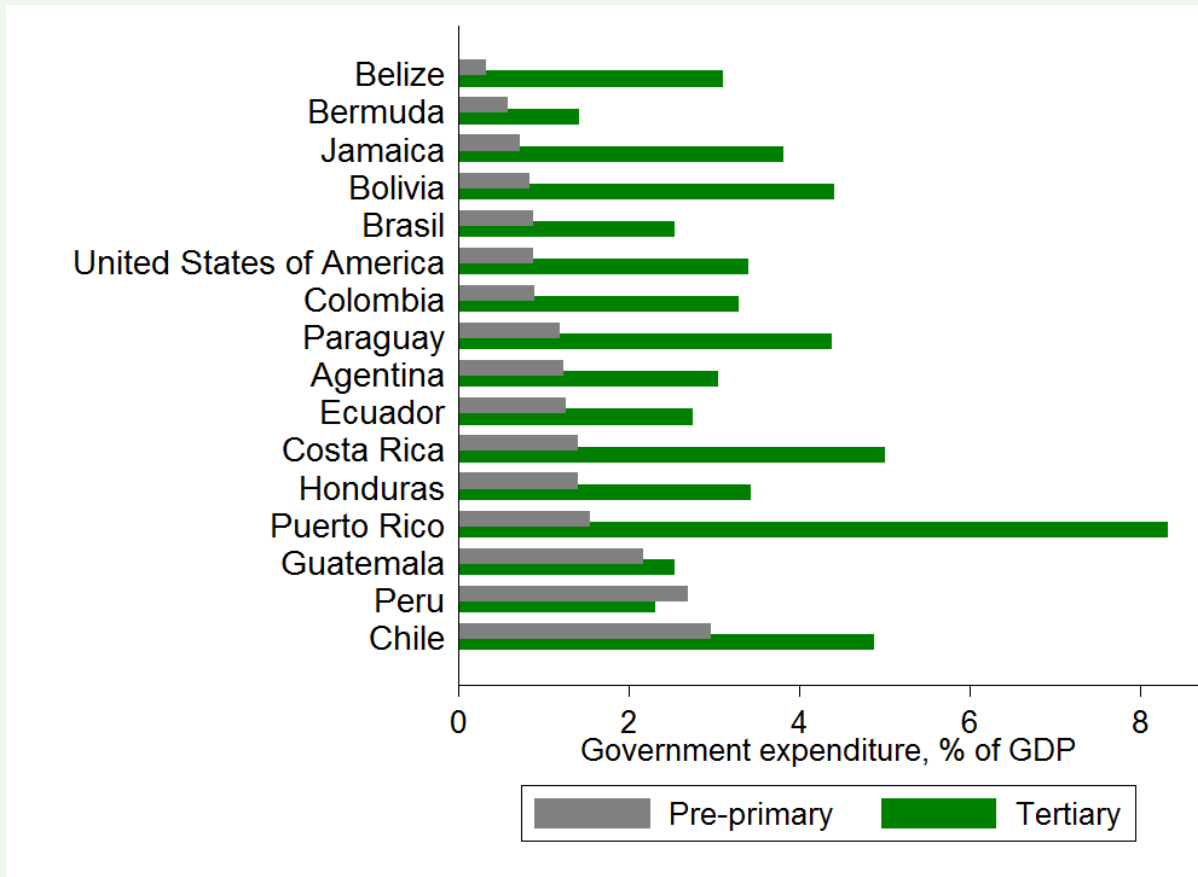


Source: International Obesity Taskforce, 2012

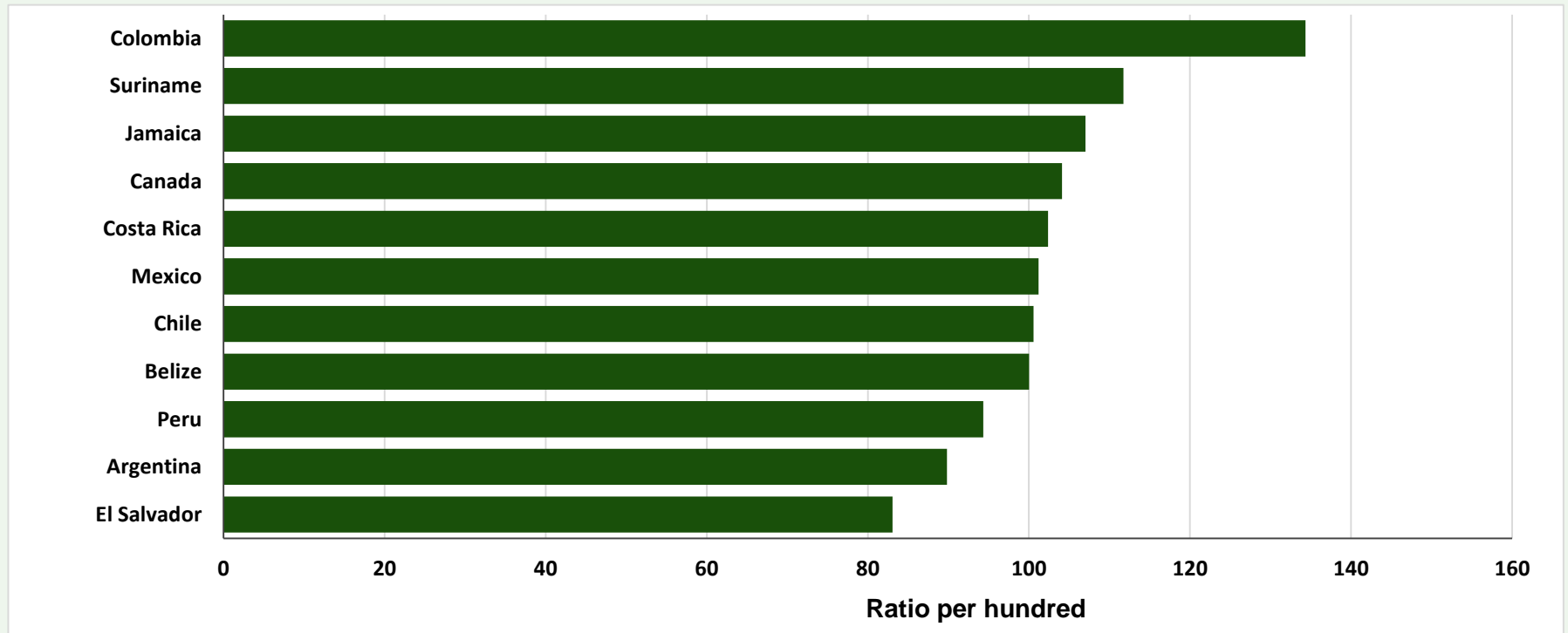
Enrolment in preschool (ages 3-5) and reading in 6th grade: selected countries in Latin America



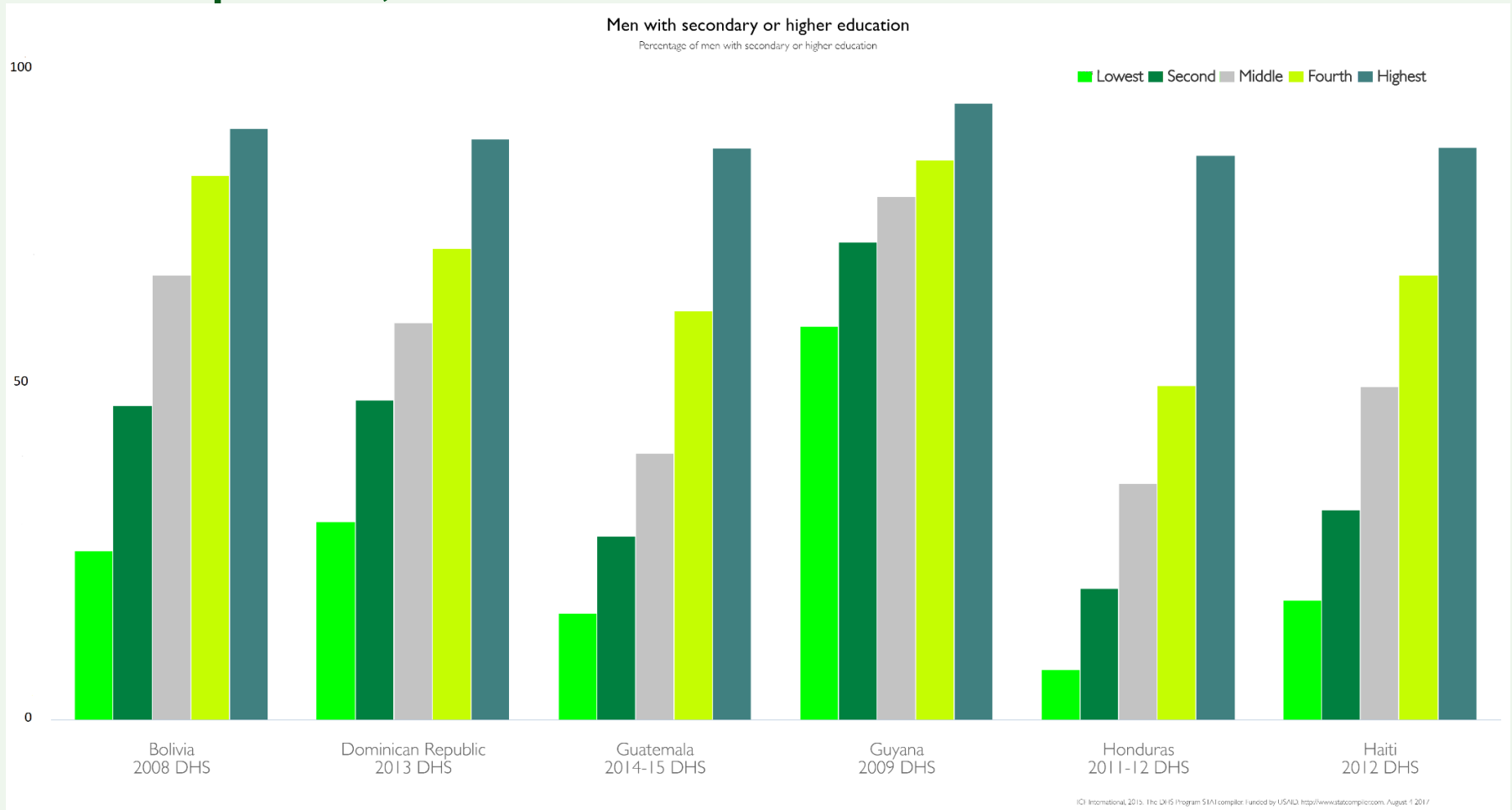
Tertiary and pre-primary education expenditure ratio, % of GDP, by country, 2014



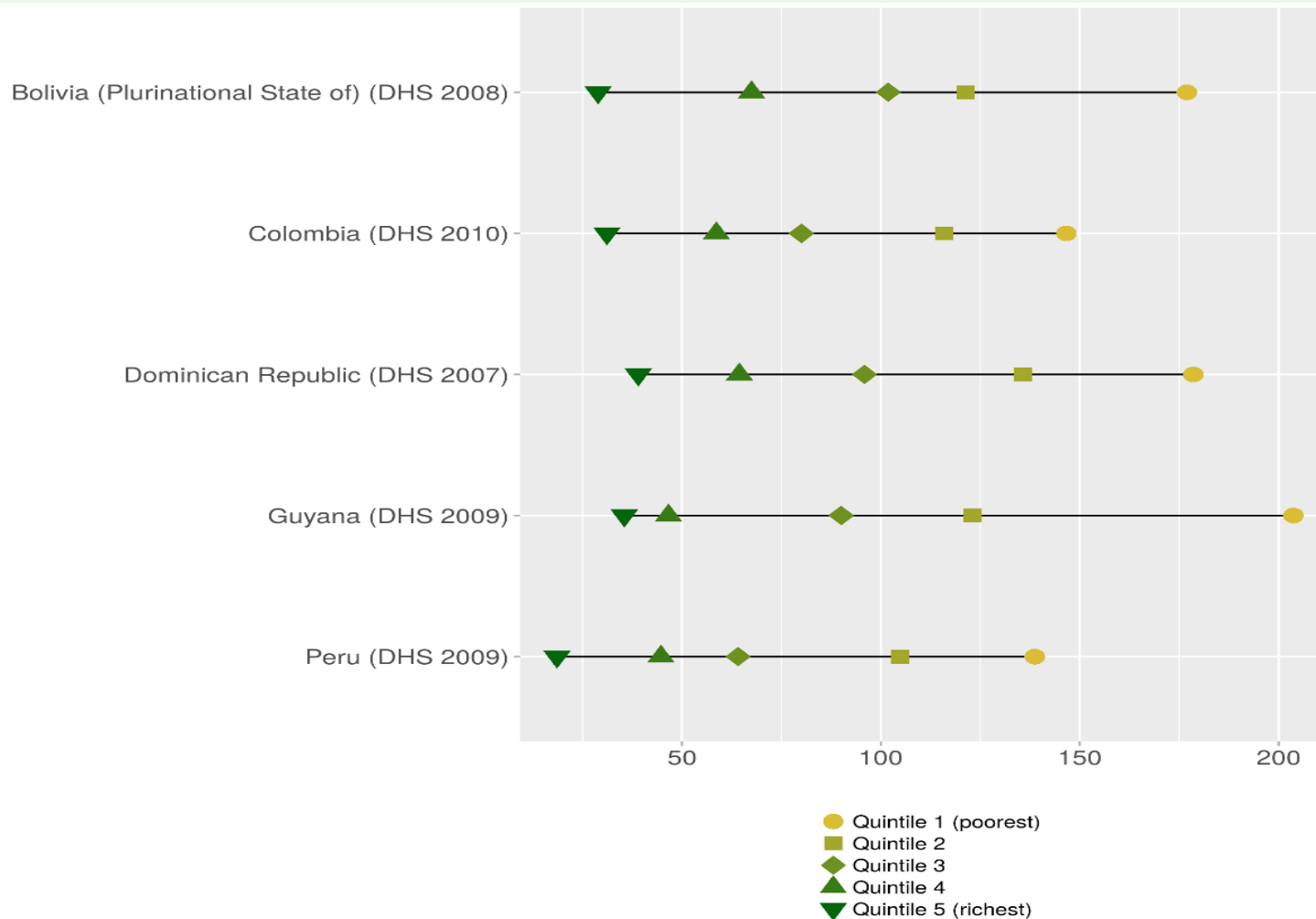
Gross enrolment ratio Gender parity – secondary enrolment



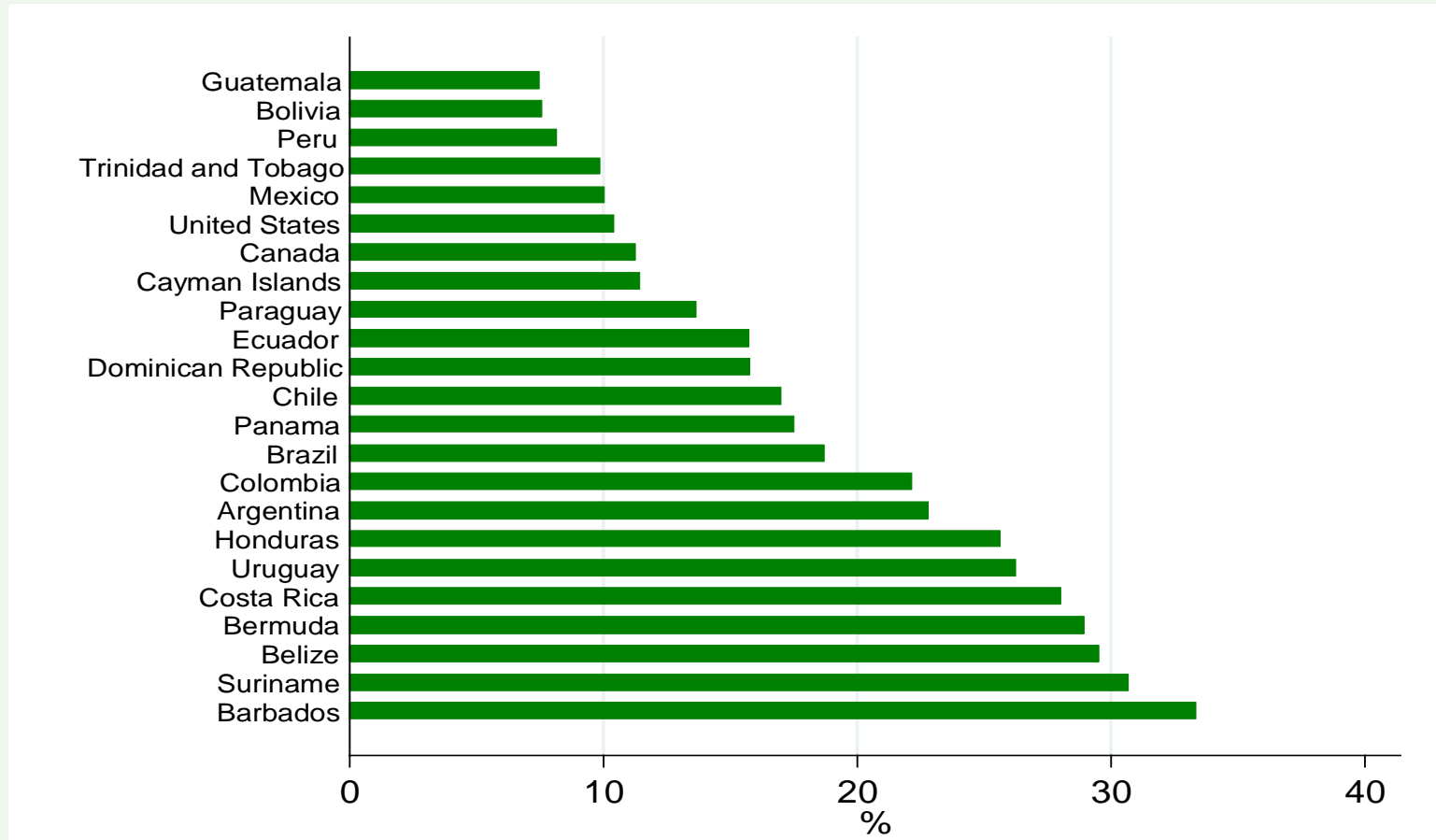
Percentage of women with secondary education or higher by income quintiles, 2014 or latest available



Adolescent fertility rate by wealth quintile 2008



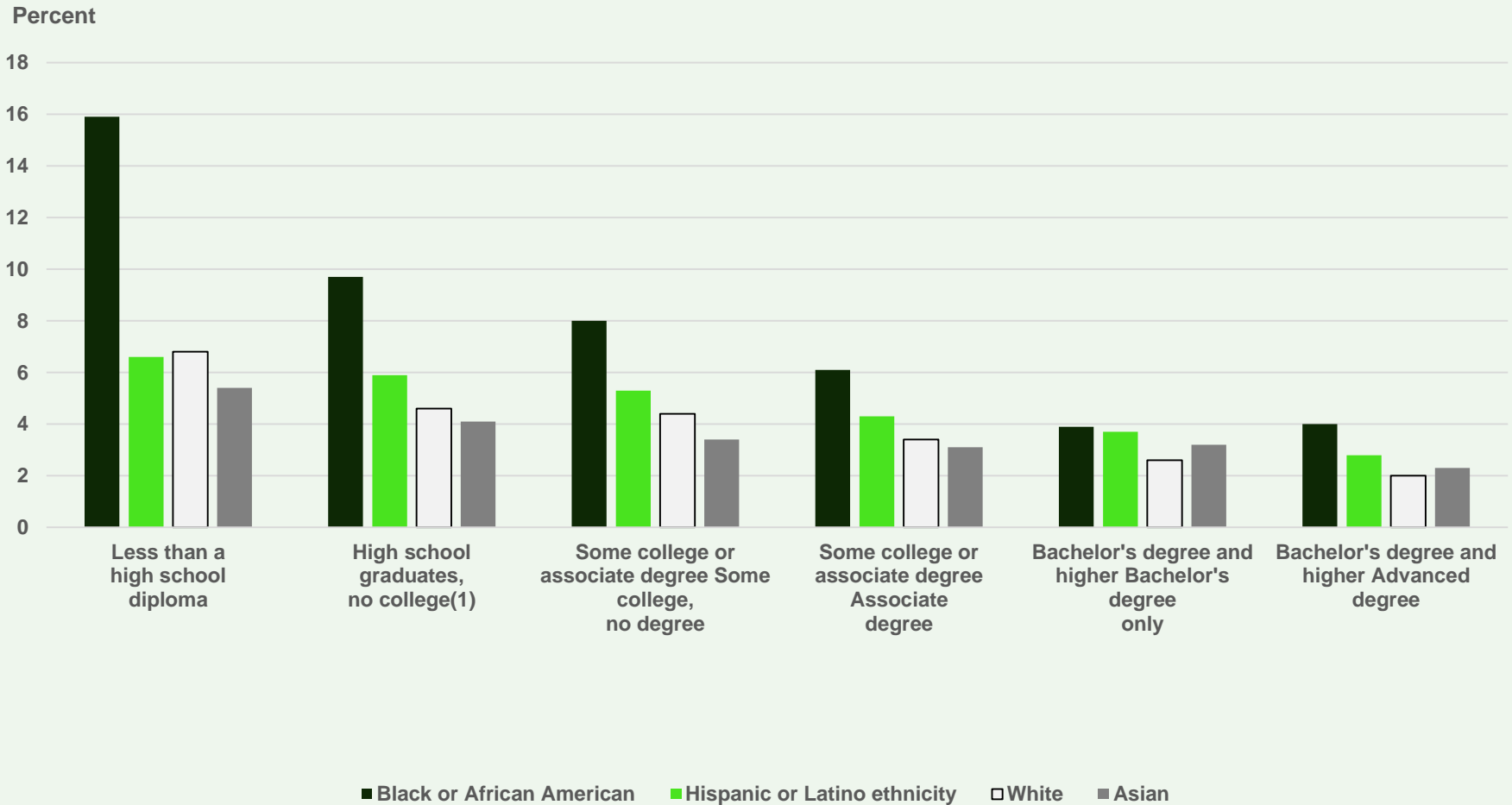
Female youth unemployment, 2015



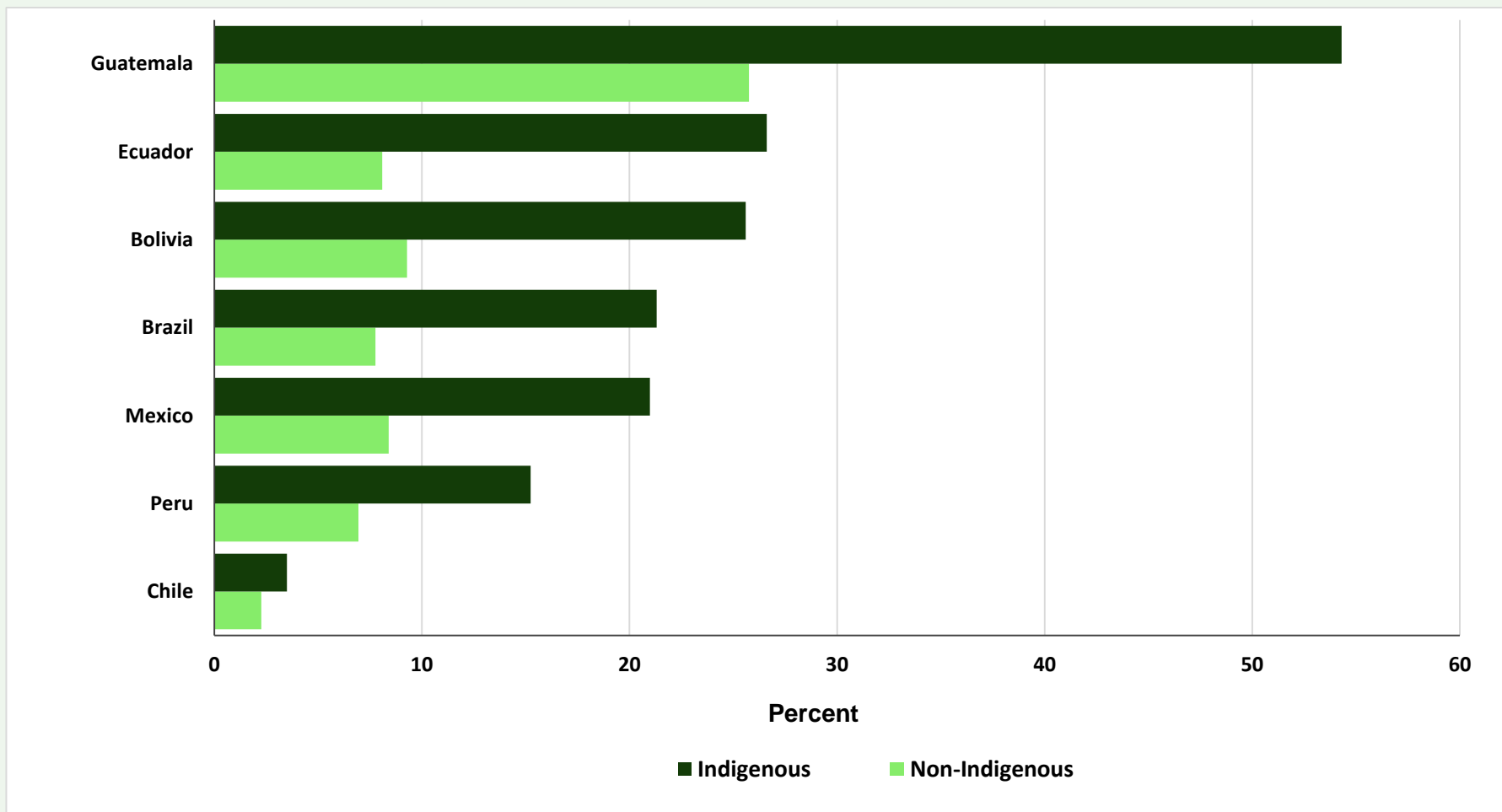
Source: World Bank Database, 2017



USA - Unemployment rates by educational attainment and race/ethnicity



Percent of indigenous and non-indigenous population in poverty (under \$US2.50 PPP per day)



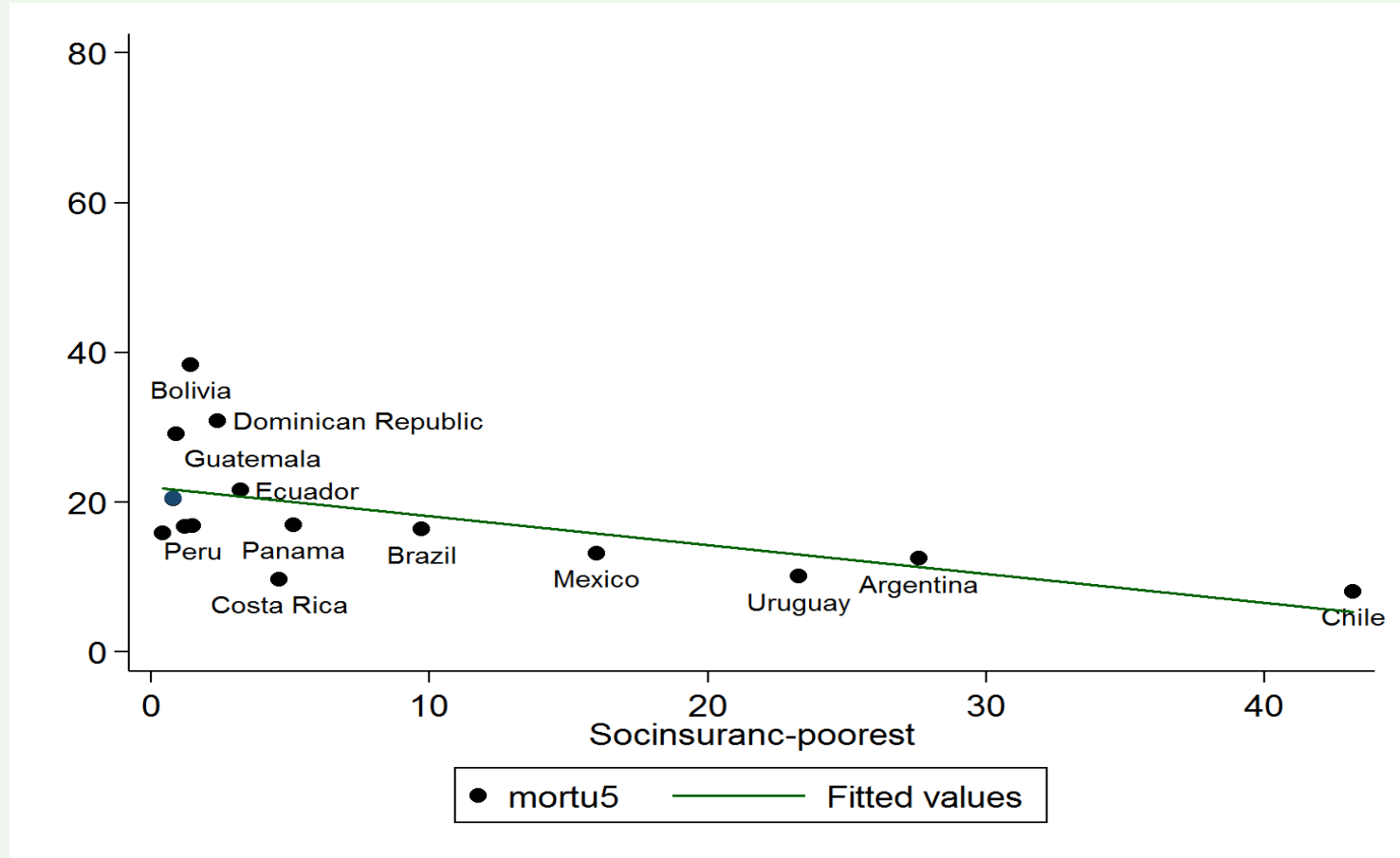
Conditional Cash Transfer works

Comparison of Conditional Transfer Program mes in Latin America

COUNTRY	BRAZIL	MEXICO	CHILE	PERU	ARGENTINA
Program	Bolsa de Familia	Oportunidades	Chile Solidario	Juntos	Asignación Universal por Hijo
Attribute					
Beneficiary Age	Children under 18	Children under 18	Children under 18	Children under 18	Children under 18
Type of Benefit	Per family and per child	Per family and scholarships	Per child	Per family with children	Per child
Conditionality	Health and education	Health and education	Social assistance follow up	Health, education and documentation	Health and education
Beneficiary families	12400000	5000000	370000	420000	1600000
Annual budget (in millions of local currency)	11400	44014	92000	730	7000
Annual budget (in millions of US dollars)	6440	3319	169	253	1800
Monthly benefit per family (in current USD)	43	55	38	50	94
Percentage of GDP	0.39%	0.31%	0.10%	0.20%	0.58%

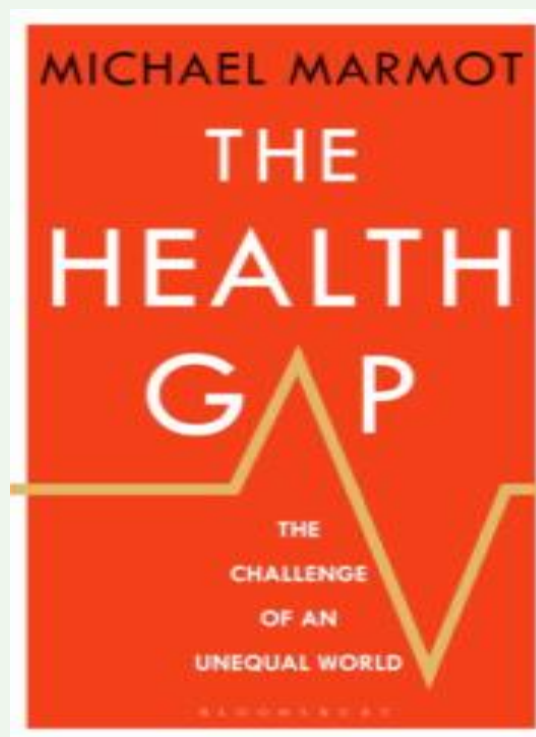
Source: Panigo, D, Agis, E, and Cafete, C. (2010)

Coverage of social safety net programs in poorest quintile (% of population) and under five mortality rate, per 1,000 live births, 2014





Why treat people and send them back to the conditions that made them sick?





My two messages in a world of post-fact politics

- Evidence-based policy
- Spirit of social justice

Remember: We said that

“Social injustice is killing on a grand scale”

Martin Luther King

