

# What is the State of Young Children and their Caregivers?

Child Development from a Global Perspective

Donald A.P. Bundy

Lead Health Specialist, World Bank

Lead Editor, Child and Adolescent Development,  
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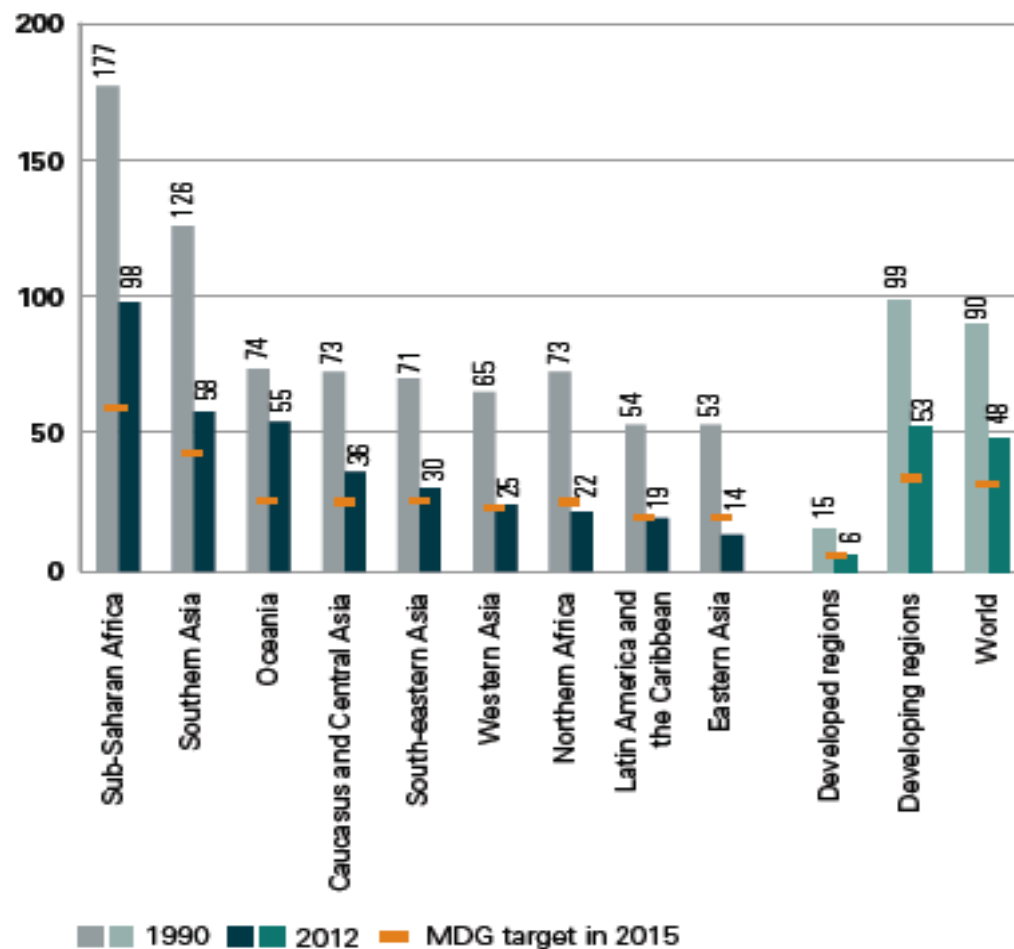
# Development Perspectives on 4 Topics

- Focus on Child Development: 0-8 years of age
- Integration among sectors: health, education, nutrition, and social protection
- Multigenerational influences: children and their caregivers
- Disability: lack of understanding and invisibility

# Under 5 Mortality Trends

**FIGURE 1** Under-five mortality declined in all regions between 1990 and 2012

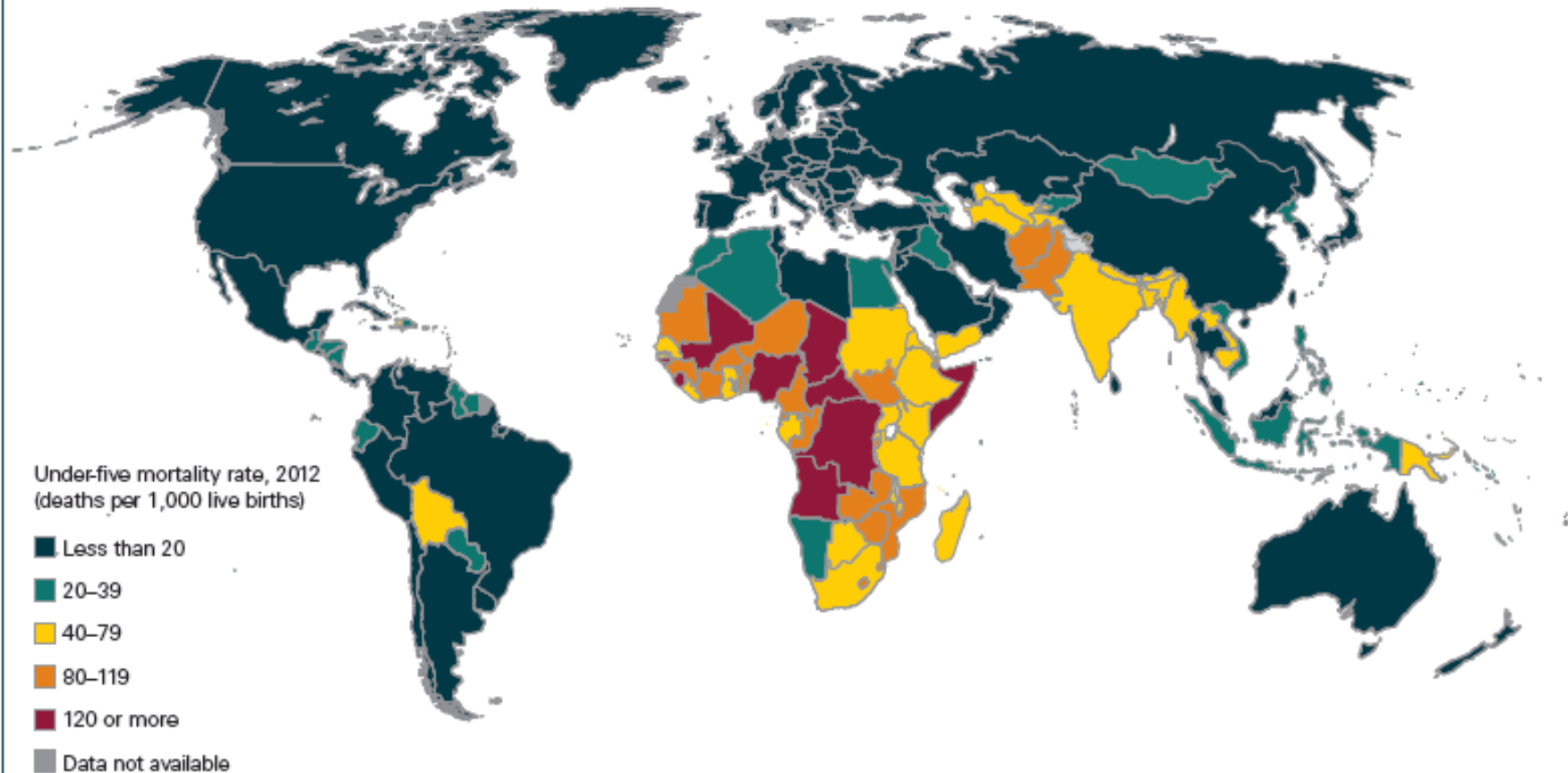
Under-five mortality rate, by Millennium Development Goal region, 1990 and 2012 (deaths per 1,000 live births)



# Under 5 Child Mortality

MAP  
1

Children in Sub-Saharan Africa and Southern Asia face a higher risk of dying before their fifth birthday

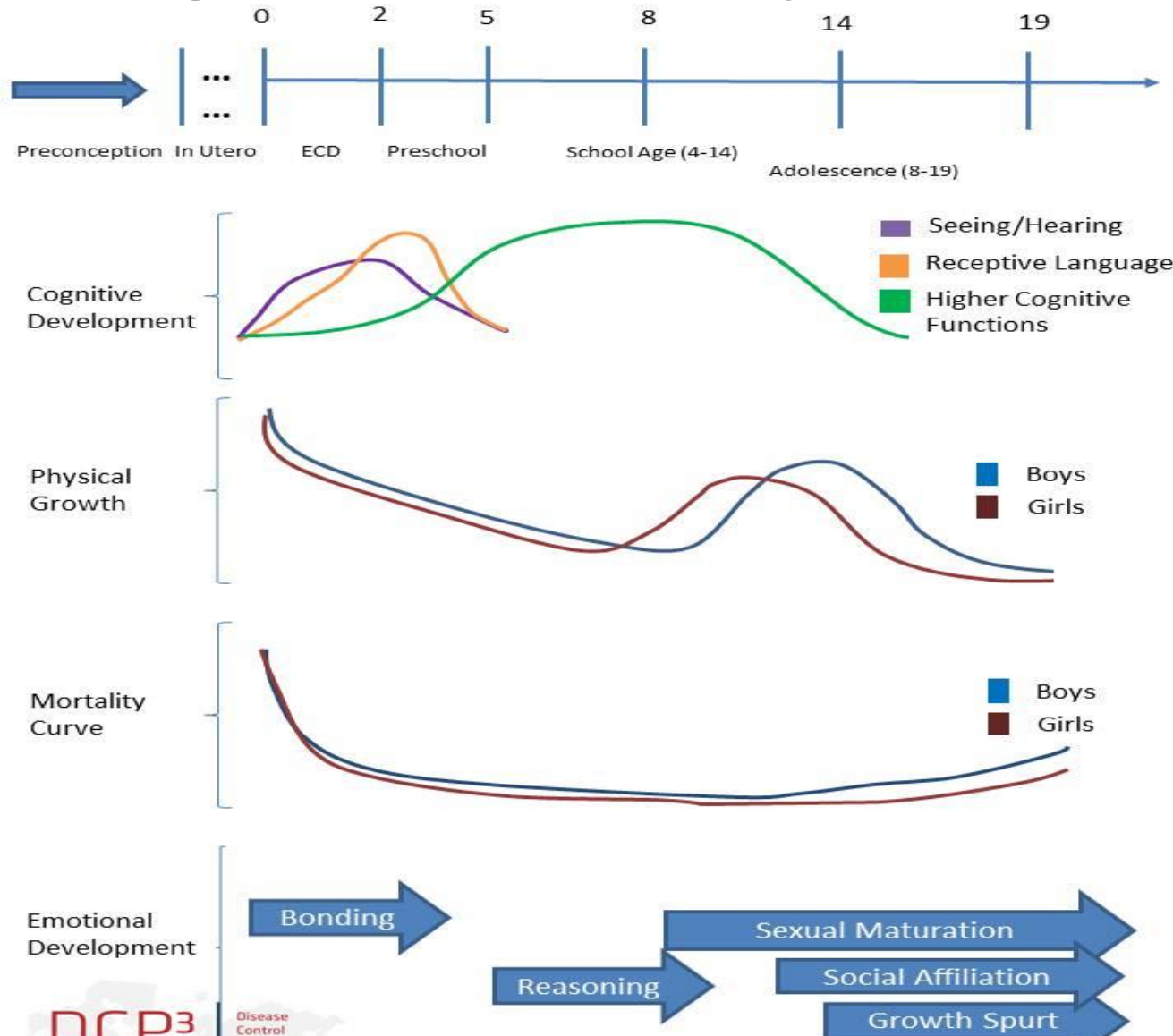


Note: This map is stylized and not to scale. It does not reflect a position by UN IGME agencies on the legal status of any country or territory or the delimitation of any frontiers.

# Age and Development

- Age-specific interventions
- Is early always better?
- What is “irreversible?”
- What is a “Second Chance?”

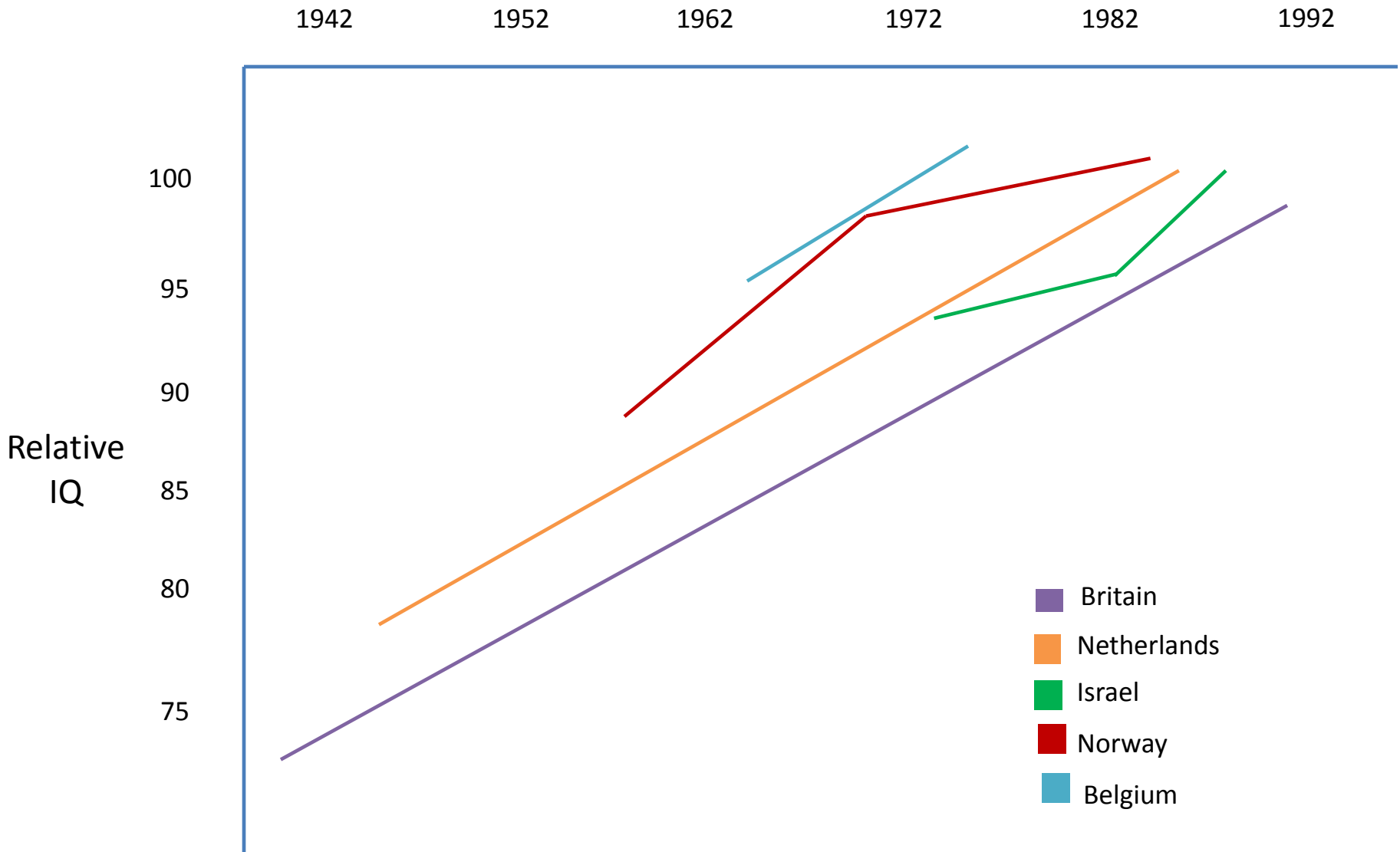
# Age and Development



# Sectoral Integration and Development

- The Flynn Effect
- Education and neurocognitive development
- Social protection, education and nutrition – the case of school feeding
- Health and education, education and health

# Flynn Effect

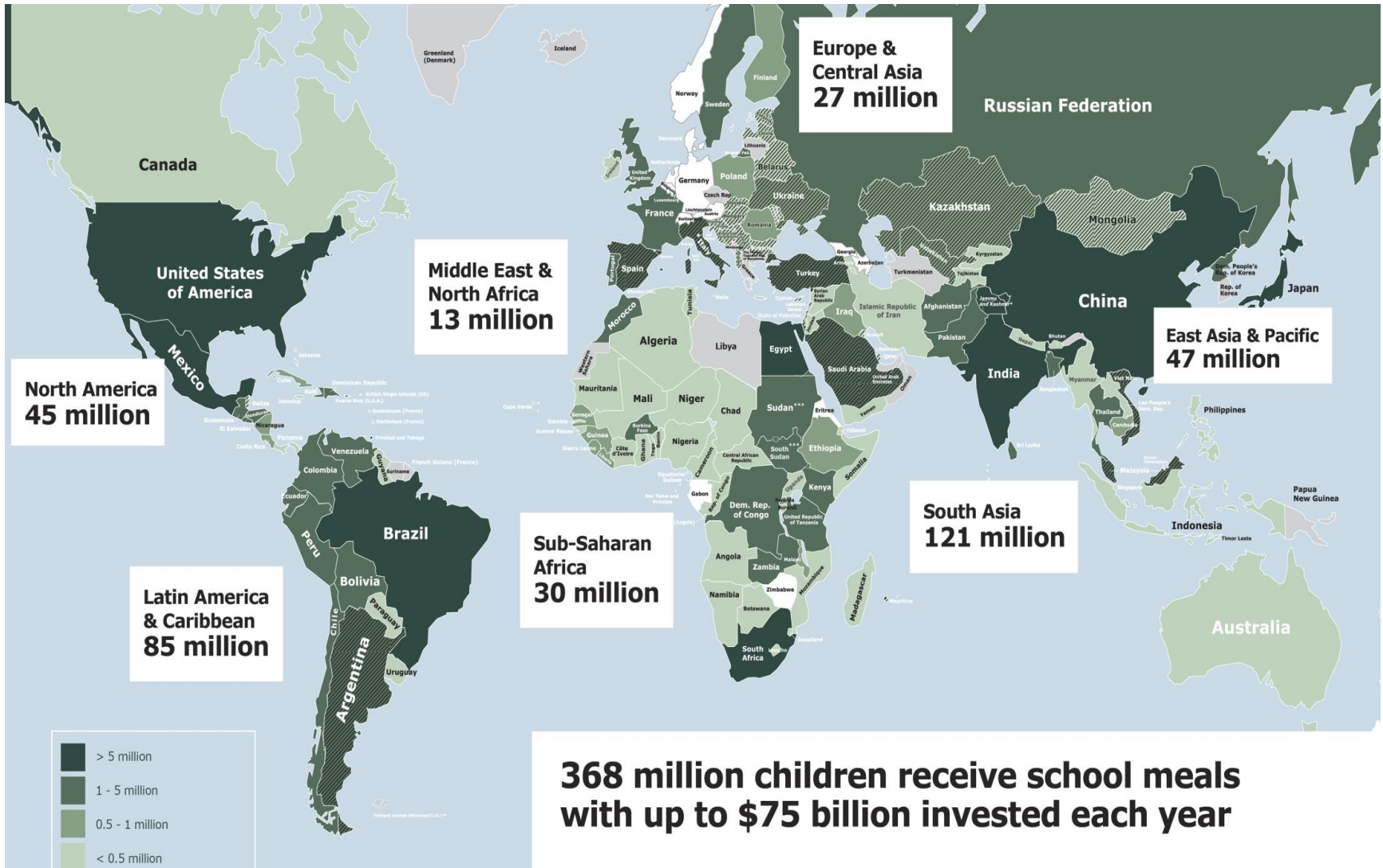




# Education and Neurocognitive Development

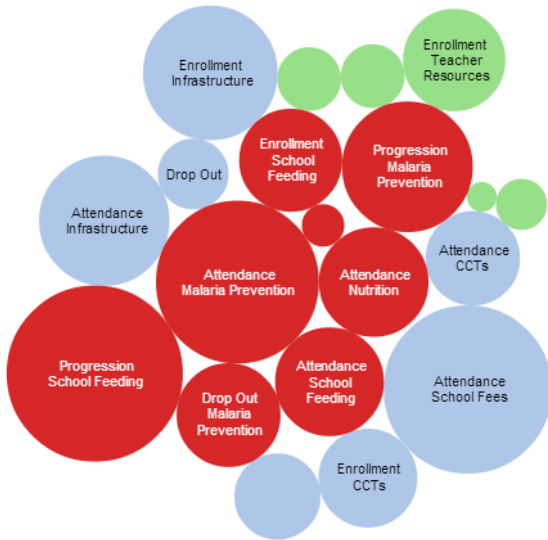
- A few years of learning basic literacy or numeracy causes schooled individuals to think and reason differently
- Schooling enhances fluid intelligence (IQ); perhaps by half a point for each year of education
- Education-related effects on brain architecture can be detected in preschool children from 4 year of age

# Children receiving school meals around the world

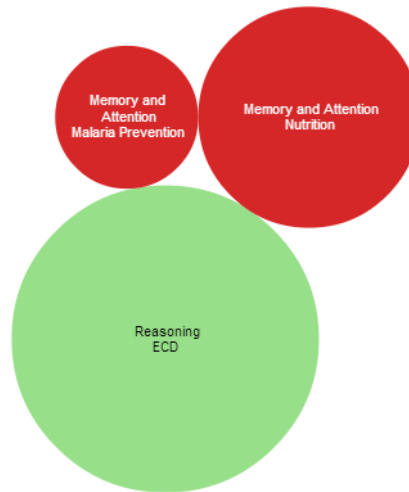


# Mapping the Impact of Health Interventions on Education Outcomes

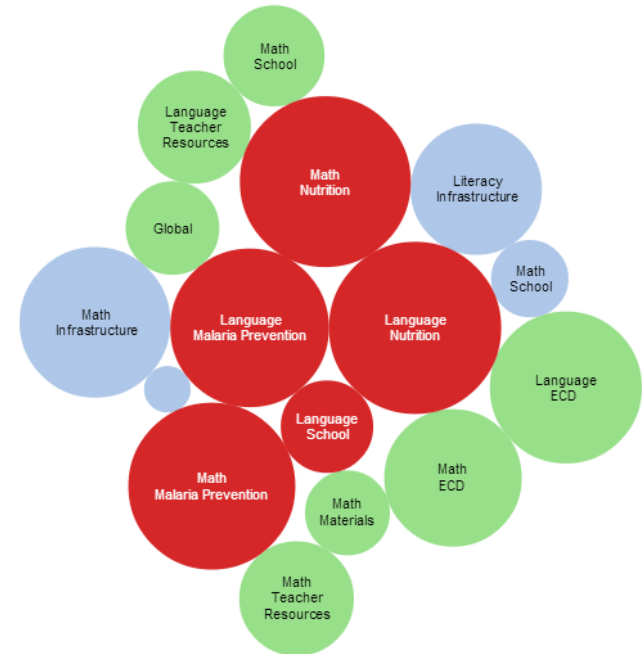
## Access to Schooling



## Cognitive Development



## Learning Outcomes



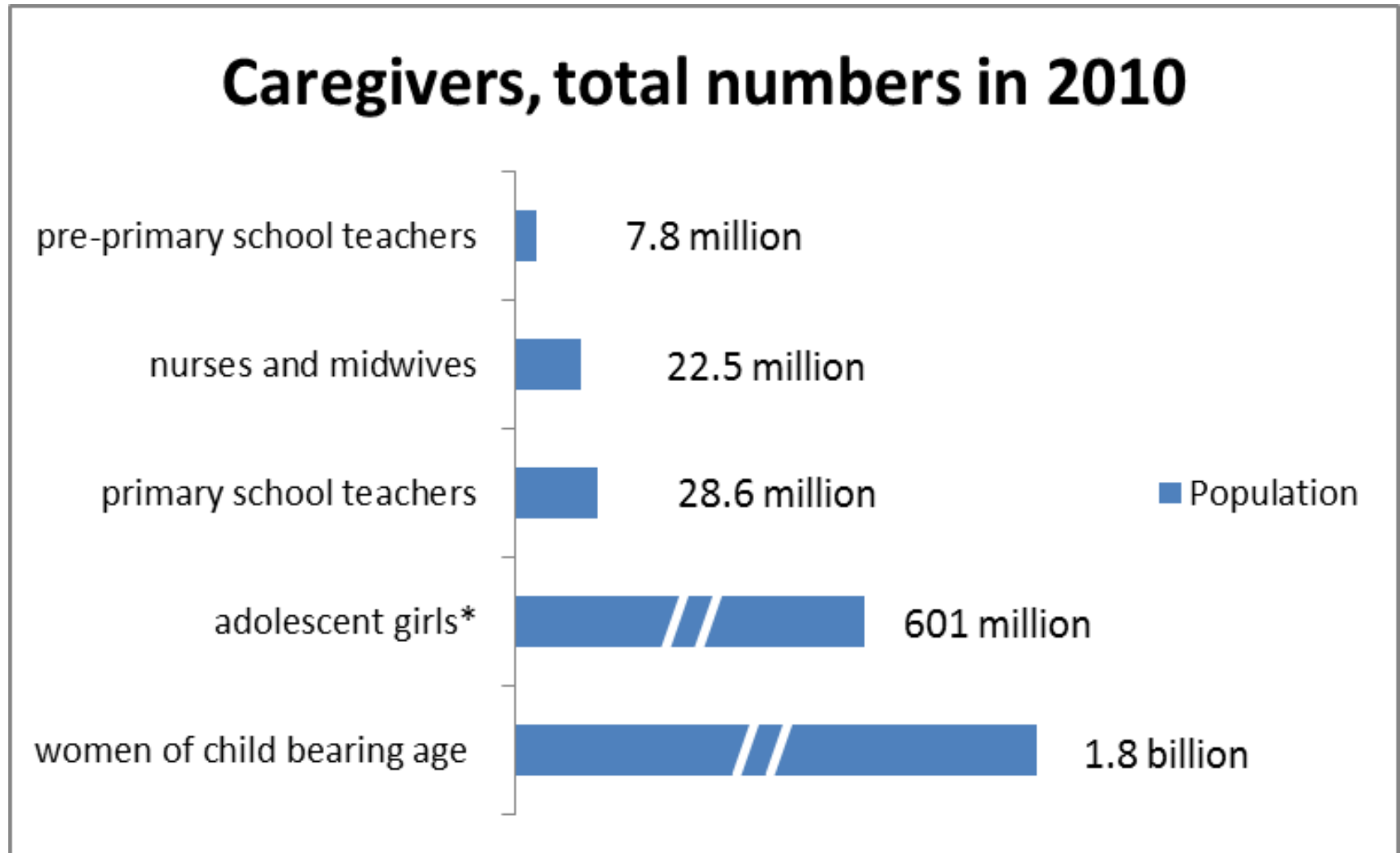
- Health Interventions
- Incentive Based Interventions
- Instruction Based Interventions

Plaut, D., Hill, T., Thomas, M., Worthington, J., Burnett, N. (Forthcoming, 2015). The School as a Platform for Education and Child Development. In Volume 3 of the *Third Edition of the Disease Control Priorities in Developing Countries*. Washington (DC): World Bank Press.

# Multigenerational Support for Development

- Caregivers, pre-primary school
- Primary school teachers
- Nurses and midwives
- Adolescent girls
- Mothers and fathers, etc.

# Caregivers

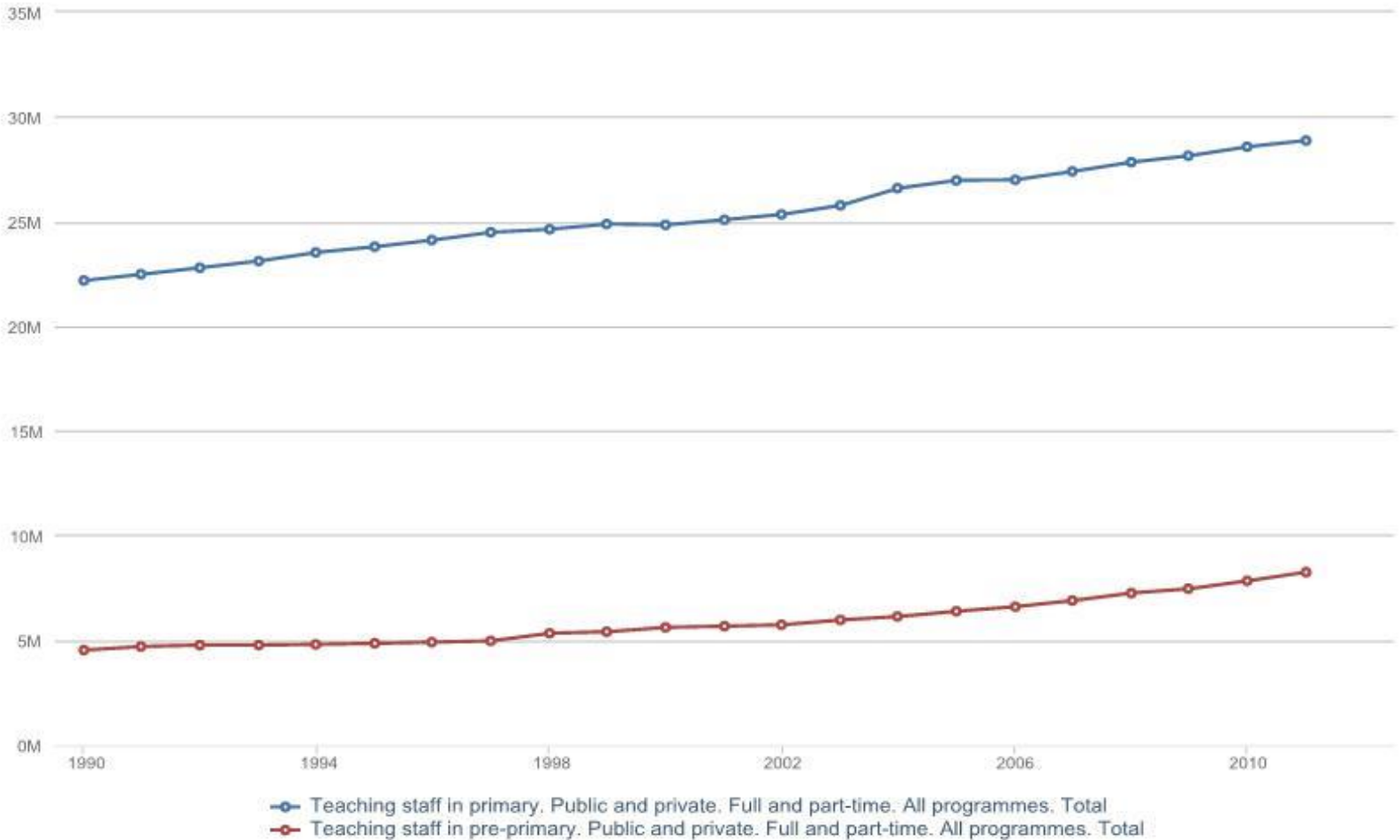


Source: Population Division of the Department of Economic and Social Affairs of the United Nations Secretariat, *World Population Prospects: The 2012 Revision*, <http://esa.un.org/unpd/wpp/index.htm>

World Bank. 2013. Health, Nutrition, and Population Statistics Database. <http://databank.worldbank.org/>

World Bank. 2013. EdStats Database. <http://databank.worldbank.org/>

# Pre-Primary and Primary Teachers Worldwide



Country : World

Created from: Education Statistics - All Indicators

Created on: 04/15/2014

World Bank. 2013. EdStats Database.  
<http://databank.worldbank.org/>

# Disability and Development

- Disability is neither purely biological nor social but instead the interaction between health conditions and environmental and personal factors
  - An impairment in body function or structure
  - A limitation in activity
  - A restriction in participation

# Disability

- Physical: e.g. vision, mobility
- Cognitive/Behavioral
  - Intellectual e.g. fluid IQ
  - Socio-communicative e.g. autism



# Disability and Development

- Key factors affecting child development:
  - Poverty
  - Stigma and discrimination
  - Child-caregiver interaction
  - Institutionalization
  - Violence, abuse, exploitation and neglect
  - Inclusion and exclusion

# Unknown Scale of the Challenge

- Estimates on individuals living with disability varies widely

<b>5%</b>	<b>Global Burden of Disease, 2008</b>
<b>6.0% – 7.5%</b>	<b>UNESCO, 2003</b>
<b>15%</b>	<b>WHO and World Bank, 2011</b>
<b>14.0% – 35.0%</b>	<b>UNICEF (Multiple Indicator Cluster Study), 2008</b>

# New Trends Looking Forward

- Greater focus on child development
- Age- and stage-specific interventions
- Multi-sectoral intervention
- Understanding roles of multiple caregivers
- Rethinking disability