### Panama

#### Country or territory
- **Region**: Latin America and the Caribbean
- **Income group**: High income

#### National Context
- **Rural (% of population)**: 32.6%
- **Life expectancy at birth, total (years)**: 78.2
- **Poverty headcount ratio at $3.20 a day (2011 PPP) (% of population)**: 6.3%

#### Education System
- **Official entrance age (years)**:
  - Pre-primary: 4
  - Primary: 6
  - Lower Secondary: 12
  - Upper Secondary: 15

#### 4.1 - Free, equitable and quality primary and secondary education

**Indicator 4.1.1 - Proportion of children and young people achieving at least a minimum proficiency level in reading, by sex**

- (a) in Grade 2 or 3: Data for the country is not available
- (b) at the end of primary education: Data for the country is not available
- (c) at the end of lower secondary education: Data for the country is not available

**What is this?**
The bars represent the percentage of students in each level achieving minimum proficiency level in reading and mathematics. Minimum proficiency level (MPL) is the benchmark of basic knowledge in a domain (mathematics, reading, etc.) measured through learning assessments. Currently, there are no common standards validated by the international community or countries. The MPL used for this chart was set by each of the projects providing the data.

**Indicator 4.1.1 - Proportion of children and young people achieving at least a minimum proficiency level in mathematics, by sex**

- (a) in Grade 2 or 3: Data for the country is not available
- (b) at the end of primary education: Data for the country is not available
- (c) at the end of lower secondary education: Data for the country is not available

**Data sources**
Various cross-national learning assessments including Progress in International Reading Literacy Study (PIRLS), Progress in International Student Assessment (PISA), Programme for International Student Assessment (PISA), Southern and Eastern Africa Consortium for Monitoring Educational Quality (SACMEQ), and Trends in International Mathematics and Science Study (TIMSS).

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Note: This section includes the main demographic and socioeconomic indicators of the country for the last available year.

Sources: (1) rural population and life expectancy: UN Population Division; (2) poverty headcount ratio: World Bank.
Indicator 4.2.1 - Proportion of children under 5 years of age who are developmentally on track in health, learning and psychosocial well-being, by sex

What is this?
The slices represent the percentage of children aged 36-59 months who are developmentally on track in at least three of the following four domains: literacy-numeracy – to identify at least 10 letters of the alphabet, read 4 simple words and recognise and name all numbers from 1 to 10; physical – to pick up small objects easily and are generally well enough to play; socio-emotional – to undertake simple activities independently, get along with other children and do not usually kick, bite or hit other children or adults; and learning – participate in any type of organized learning including early childhood education, kindergarten or community care.

Source: Daily Childhood Development Index from UNICEF’s Multiple Indicator Cluster Surveys (MICS) and USAID’s Demographic and Health Surveys (DHS)

Indicator 4.2.2 - Participation rate in organized learning (one year before the official primary entry age), by sex

What is this?
The lines represent the percentage of children in the given age range who participate in one or more organized learning programmes, including programmes which offer a combination of education and care. Participation in early childhood education and in primary education are both included. The age range will vary by country depending on the official age for entry to primary education.

Source: UIS and UNESCO Surveys of Formal Education and UN Population Division’s World Population Prospects

Indicator 4.3.1 - Participation rate of youth and adults in formal and non-formal education and training in the previous 12 months, by sex

What is this?
The percentage of youth and adults who have participated in a formal or non-formal education and training programme in the previous 12 months.

Data sources
Source: Eurostat’s Adult Education Survey (AES), OECD’s Survey of Adult Skills (PIAAC), national Labour Force Surveys

Indicator 4.4.1 - Proportion of youth and adults with information and communications technology (ICT) skills, by type of skill

Data sources
Source: National household surveys. Data compiled by Eurostat and International Telecommunication Union (ITU)

4.2 - Quality early childhood development, care and pre-primary education

4.3 - Quality TVET and tertiary education

4.4 - Technical and vocational skills
4.6 - Youth and adult literacy and numeracy

Indicator 4.6.1 - Percentage of population in a given age group achieving at least a fixed level of proficiency in functional (a) literacy and (b) numeracy skills, by sex

**What is this?**
The slices represent the percentage of the population (aged 15 years and above) who have achieved or exceeded a given level of proficiency in literacy and numeracy.

**Data sources**
National household surveys coordinated by the OECD Programme for the International Assessment of Adult Competencies (PIAAC) and the World Bank’s Skills Towards Employment and Productivity (STEP).

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4.a - Education facilities

Indicator 4.a.1 - Proportion of schools with access to: (a) electricity; (b) the Internet for pedagogical purposes; (c) computers for pedagogical purposes; (d) adapted infrastructure and materials for students with disabilities; (e) basic drinking water; (f) single-sex basic sanitation facilities; and (g) basic handwashing facilities (as per the WASH indicator definitions)

**Data sources**
Administrative data from schools and other providers of education or training. Data compiled by the UNESCO Institute for Statistics.

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**Sources:**
OECD’s Programme for the International Assessment of Adult Competencies (PIAAC), World Bank’s STEP Skills Measurement Programme (STEP)

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**Year (region):** 2016
**Year (country):** 2016 or most recent year available
Indicator 4.b.1 - Volume of official development assistance flows for scholarships, constant US$

<table>
<thead>
<tr>
<th>Year</th>
<th>Total net official development assistance (ODA) for scholarships in donor countries expressed in US dollars at the average annual exchange rate.</th>
</tr>
</thead>
<tbody>
<tr>
<td>2014</td>
<td>580,556</td>
</tr>
<tr>
<td>2015</td>
<td>990,645</td>
</tr>
<tr>
<td>2016</td>
<td>991,315</td>
</tr>
<tr>
<td>2017</td>
<td>725,921</td>
</tr>
</tbody>
</table>

Sources: The Development Assistance Committee of the Organisation for Economic Co-operation and Development (OECD)

Indicator 4.c.1 - Proportion of teachers in: (a) pre-primary education; (b) primary education; (c) lower secondary education; and (d) upper secondary education who have received at least the minimum organized teacher training (e.g. pedagogical training) pre-service or in-service required for teaching at the relevant level in a given country, by sex

<table>
<thead>
<tr>
<th>Education Level</th>
<th>Country</th>
<th>Region</th>
</tr>
</thead>
<tbody>
<tr>
<td>(a) Pre-primary</td>
<td>100.0</td>
<td></td>
</tr>
<tr>
<td>(b) Primary</td>
<td>95.5</td>
<td>99.2</td>
</tr>
<tr>
<td>(c) Lower</td>
<td>91.8</td>
<td>94.2</td>
</tr>
<tr>
<td>(d) Upper</td>
<td>97.4</td>
<td>98.6</td>
</tr>
</tbody>
</table>

Year: 2017 or most recent year available

Sources: UIS Surveys of Formal Education

**What is this?**
Percentage of teachers by level of education taught (pre-primary, primary, lower secondary and upper secondary education) who have received at least the minimum organized pedagogical teacher training pre-service and in-service required for teaching at the relevant level in a given country.

**Data sources**
Administrative data from schools and other providers of education or training. Data compiled by the UNESCO Institute for Statistics.

**What is this?**
Administrative data from donor countries and other aid providers on net official development assistance to education. Data compiled by the Development Assistance Committee (DAC) of the Organisation for Economic Co-operation and Development from returns submitted by its member countries and other aid providers.