Monitoring Impacts on Learning Outcomes

The MILO project

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Indicator 4.1.1

Proportion of children and young people
(a) in grades 2/3;
(b) at the end of primary; and
(c) at the end of lower secondary

achieving at least a minimum proficiency level in
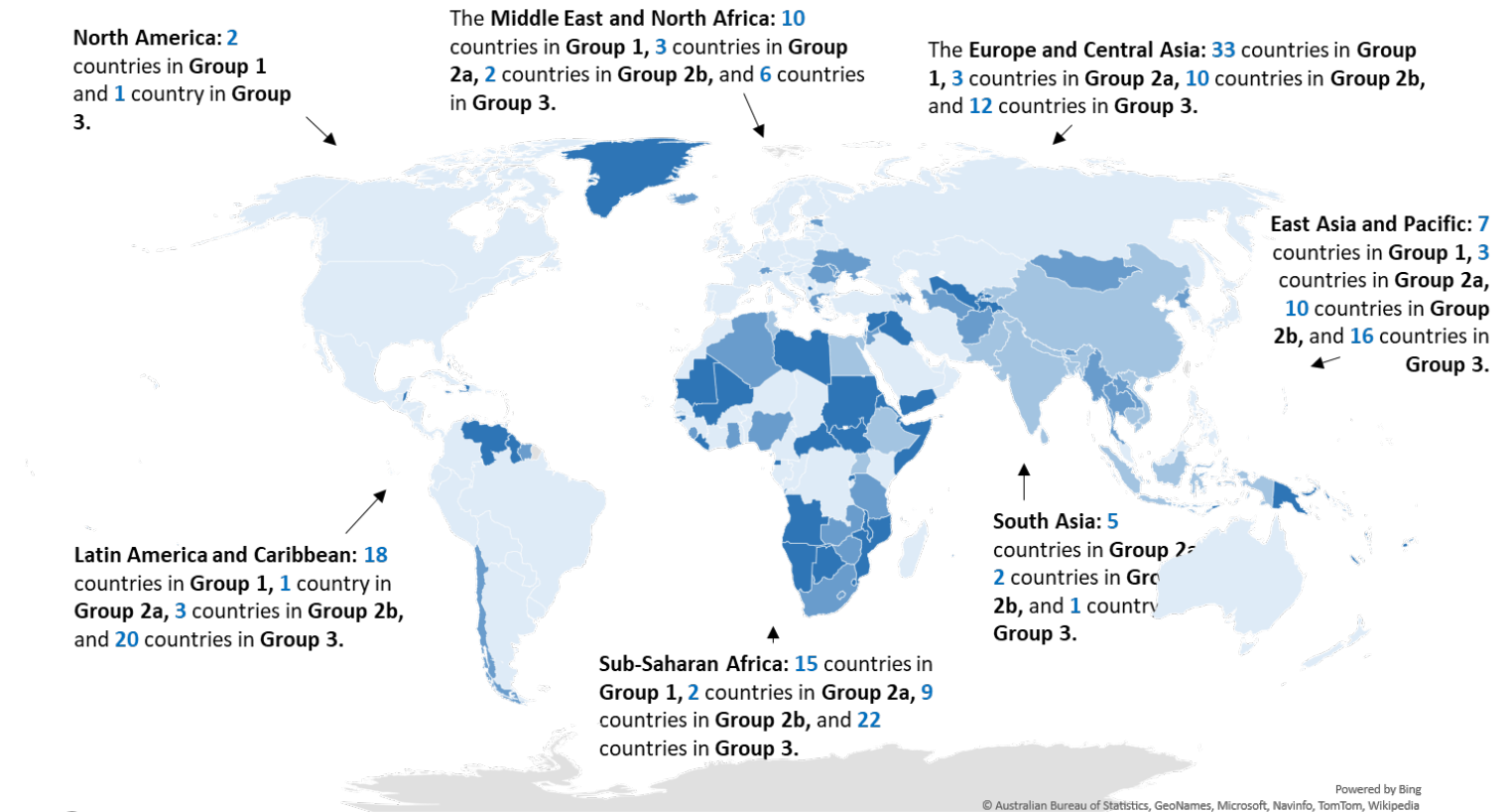(i) reading and
(ii) mathematics,

by sex

Despite increase in data availability with more countries having regular quality data

⬇

There is still insufficient data

+

Very Low Levels of Learning

North America: **2** countries in **Group 1** and **1** country in **Group 3.**

The **Middle East and North Africa: 10** countries in **Group 1, 3** countries in **Group 2a, 2** countries in **Group 2b,** and **6** countries in **Group 3.**

The **Europe and Central Asia: 33** countries in **Group 1, 3** countries in **Group 2a, 10** countries in **Group 2b,** and **12** countries in **Group 3.**

East Asia and Pacific: 7 countries in **Group 1, 3** countries in **Group 2a, 10** countries in **Group 2b,** and **16** countries in **Group 3.**

Latin America and Caribbean: 18 countries in **Group 1, 1** country in **Group 2a, 3** countries in **Group 2b,** and **20** countries in **Group 3.**

South Asia: 5 countries in **Group 2a, 2** countries in **Group 2b,** and **1** country in **Group 3.**

Sub-Saharan Africa: 15 countries in **Group 1, 2** countries in **Group 2a, 9** countries in **Group 2b,** and **22** countries in **Group 3.**

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Groups

| 1 | 2a | 2b | 3 |

1: Two or more SDG measurement points in the **last 3 years**
2a: Two or more SDG measurement points from **more than 3 and less than 7 years** ago
2b: Only one SDG measurement point over **last 7 years**
3. No SDG measurement points or one or more SDG measurement points **older than 7 years**

Institute for Statistics

MILO is one additional step in the work towards harmonization

| 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |

End primary/lower secondary

| No methodology & no data (Tier III) | No methodology & data (Tier II) | Methodology & Data (Tier I) |

Early grades

| No methodology & no data (Tier III) | No methodology & data (Tier II) | |

Building the foundation blocks

- Global Content Framework
- Global Proficiency Framework
- Global Item Bank
- Minimum Proficiency Levels
- Procedural Alignment Tools

Harmonization/collection Of new data

New assessment programs (SEA-PLM, ICAN, FLM)

Subject-based linking (Rosetta Stone)
Global (TIMSS/PIRLS) & Regional PASEC & ERCE) assessments

MILO
Subject/item-based linking
(6 African countries)

Harmonization existing results

Policy Linking Toolkit
(15 countries & ICAN)

Data Learning Compact

MILO as a Global Public Good

A cost-efficient affordable system to measure learning

- Ambitious :
    - comparability over time (for a same country in two comparable measurement)
    - cross-sectional comparability (among the six participating countries)
    - Aligned to the definition of Minimum Proficiency Level (age-appropriate set of skills at the end of primary)
- Large enough sample to disaggregate and capture drivers of change
- Timely delivery
- International technical standards

MILO as a Global Public Good

Builds on existing resources: cross-country collaboration

- Built on existing national and regional assessment

- Calibrated test built on items provided by countries across the world & CONFEMEN

A country-centric capacity development approach

- Support the national units in charge of evaluation

- 2 out of 10 modules chosen by countries in a demand-driven system

- Countries use their own items and resources contributing to peer learning

MILO Public Datadases

- Student database (Excel, SAV, zip)
- School database (Excel, SAV)

https://milo.uis.unesco.org/resources/

https://milo.uis.unesco.org/

https://milo.uis.unesco.org/report/

https://milo.uis.unesco.org/wp-content/uploads/sites/17/2022/01/MILO-Summary-Full-Report.pdf
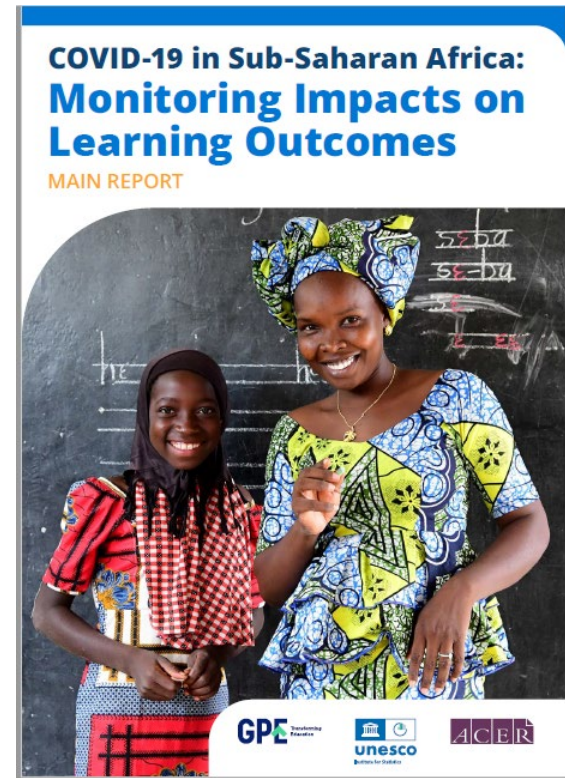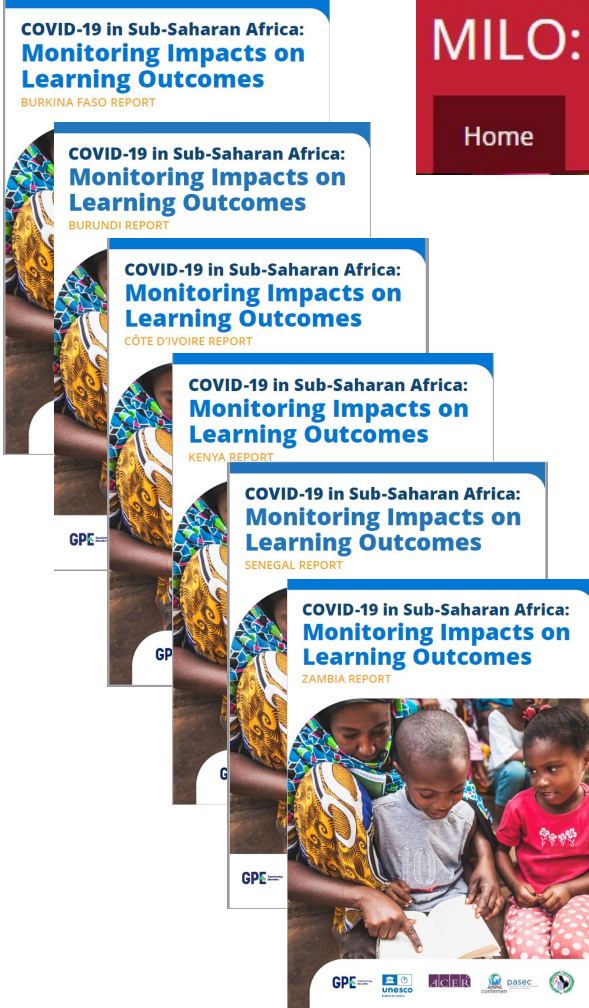
Survey Development Tools

- Contextual Framework
- Testlets construction

https://milo.uis.unesco.org/survey-development-tools/#

Survey Administration Tools

- National Project Manager Manual
- Sampling
    Sampling Framework
    School Sampling Preparation Guide
- Technical Standards

https://milo.uis.unesco.org/survey-administration-tools/

Global Item Bank

https://milo.uis.unesco.org/global-item-bank/

Thank you

Questions or Feedback:

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