

PIRLS 2016

Data Collected, Reporting Underway

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Boston College

57th IEA General Assembly
October 2016, Oslo



IEA

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International Study Center
Lynch School of Education, Boston College

Since last General Assembly...

Two major accomplishments for PIRLS and ePIRLS

- **Data collection completed**
 - Southern Hemisphere Oct-Dec
 - Northern Hemisphere Mar-Jun
- **International Reports underway**

PIRLS 4th Grade - Participants

Australia
Austria
Azerbaijan
Bahrain
Belgium (Fl)
Belgium (Fr)
Bulgaria
Canada*
Chile
Chinese Taipei*
Czech Republic
Denmark*
Egypt (Literacy)
England
Finland
France
Georgia*
Germany
Hong Kong SAR
Hungary
Iran (and Literacy)

Ireland*
Israel*
Italy*
Kazakhstan
Kuwait (Literacy)
Latvia
Lithuania
Macao SAR
Malta
Morocco (and Literacy)
Netherlands
New Zealand
Northern Ireland
Norway*
Oman
Poland
Portugal*
Qatar
Russian Federation
Saudi Arabia
Singapore*

Slovak Republic
Slovenia*
South Africa (Literacy)
Spain
Sweden*
Trinidad & Tobago
United Arab Emirates*
United States*

Benchmarking Participants

Buenos Aires, Argentina
Ontario, Canada
Quebec, Canada
Denmark (Literacy – Gr 3)
Norway (younger grade)
Moscow City, Russia
Eng/Afr – RSA (5th)
Andalusia, Spain
*Abu Dhabi, UAE**
*Dubai, UAE**

PIRLS
2016

*ePIRLS participant



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Survey Operations

- Survey Operations Procedures Units developed and posted
 - Contacting schools and sampling classes
 - Preparing assessment instruments
 - Scoring constructed response items
 - Creating data files
- IEA DPC conducted Data Management Seminar
 - 37 participants from 26 countries, Aug 31-Sep 3 2015

Conducted Scoring Training

- PIRLS scoring training – PIRLS, PIRLS Literacy, and ePIRLS
 - Southern Hemisphere countries in Buenos Aires, Argentina, Nov 9-11, 2015
 - Northern Hemisphere countries in Hong Kong SAR, Feb 28-Mar 4, 2016

Sampling and Instrument Preparation

- Statistics Canada, assisted by IEA DPC, completed sample selection for all countries
- IEA Secretariat worked closely with countries to verify translations of achievement booklets and context questionnaires
- TIMSS & PIRLS International Study Center reviewed layout of final assessment materials

Completed International Quality Control Program

- TIMSS & PIRLS ISC and IEA Secretariat conducted International Quality Control Program
 - Trained Monitors for Southern Hemisphere, Sep 2015
 - Trained Monitors for Northern Hemisphere, Jan 2016
- PIRLS Monitors in 50 countries and 10 benchmarking entities
 - 610 PIRLS/PIRLS Literacy sessions observed
 - 215 ePIRLS sessions observed

Data Processing

- Data submitted to IEA DPC
 - Southern Hemisphere March 2016
 - Northern Hemisphere September 2016
- Quality checks for 81 assessment populations
 - 69 currently at DPC
 - 38 completed and sent to TIMSS & PIRLS International Study Center

Planning the International Reports

All PIRLS Reports now in online format

- *PIRLS 2016 International Results in Reading*
 - Results for PIRLS and PIRLS Literacy
- *ePIRLS 2016 International Results in Online Reading*
 - ePIRLS achievement
 - Performance at PIRLS International Benchmarks
 - Relationship with background characteristics, navigation index

International Reports

PIRLS 2016 International Results in Reading

- International student achievement in reading
- Performance at International Benchmarks
- Achievement by reading purpose and comprehension process
- Home support for learning
- School resources
- School climate
- School discipline and safety
- Teachers and Principal preparation
- Classroom instruction
- Student attitudes



Also Online

- *PIRLS 2016 Encyclopedia*
 - Country-level data gathered through the Curriculum Questionnaire
 - Individual chapters submitted by each participating country
- *Methods and Procedures in PIRLS 2016*
 - Documents technical aspects of developing, conducting, analyzing, and reporting the PIRLS assessments

PIRLS 2016 Review

December 2016 – Agadir, Morocco

- Complete set of draft exhibits
 - PIRLS 2016 International Reading Results (≈ 100)
 - ePIRLS 2016 Online Reading Results (≈ 20)
- Context questionnaire exhibits include data for review – home, school, teacher, student
- Draft Encyclopedia exhibits, with curriculum data

PIRLS 2016 Review

June 2017 – Riga, Latvia

- Final drafts
 - PIRLS 2016 International Reading Results
 - ePIRLS 2016 Online Reading Results
- Confidential preview at next General Assembly

Schedule for International Reports

PIRLS 2016 Encyclopedia

- October 2017

PIRLS and ePIRLS 2016 International Results

Release December 6, 2017

Methods and Procedures (Technical Reports)

- Ongoing November 2016 through December 2017

PIRLS 2016 International Database

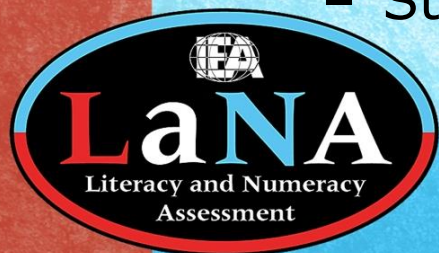
- February 2018

IEA's LaNA

Literacy and Numeracy Assessment

IEA's assessment to address UN's Sustainable Development Goals

- Rooted in the TIMSS and PIRLS assessment frameworks
- Literacy and Numeracy results that can be compared internationally
 - 4 reading passages, 43 reading comprehension items
 - 90 numeracy items
 - Student and School Questionnaires

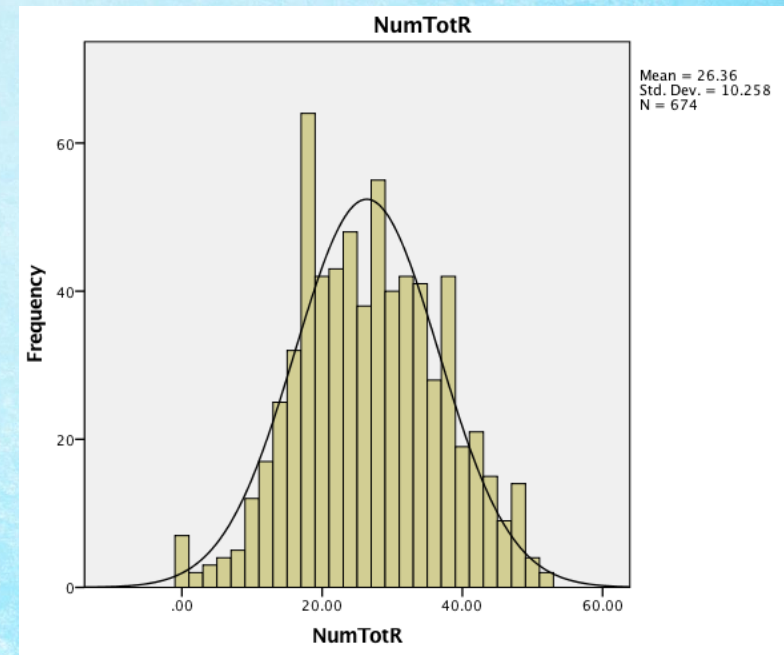


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Haiti Pilot May 20016 - LaNA Numeracy

Average % Correct (60 items): 48.1%

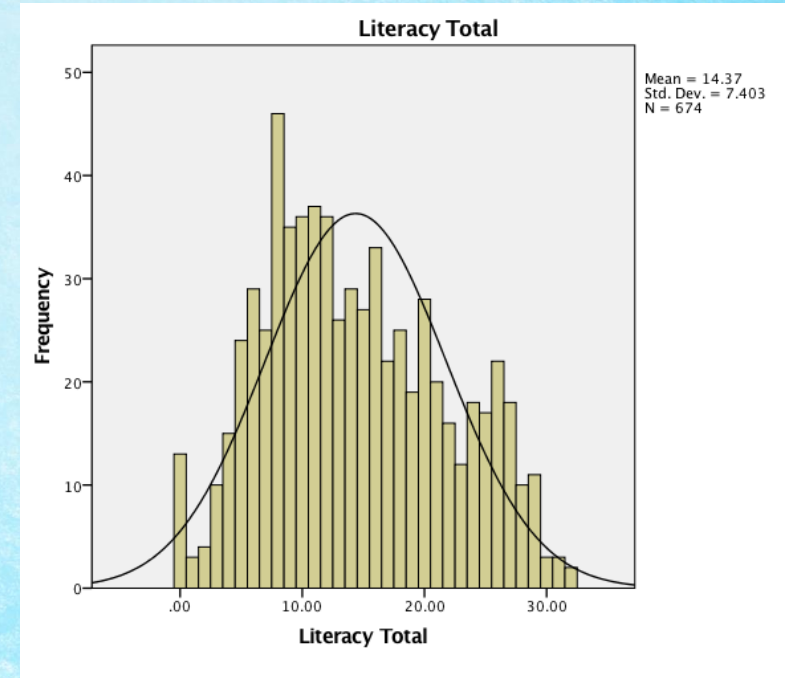
Answered correctly by...	Number of Items
70% or more	5
50-69%	17
30-49%	23
Less than 30%	15



Haiti Pilot May 20016 - LaNA Literacy

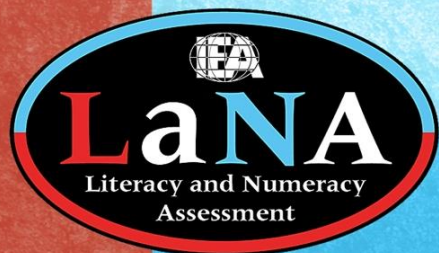
Average % Correct (32 items): 47.8%

Answered correctly by...	Number of Items
70% or more	3
50-69%	8
30-49%	18
Less than 30%	3



Next Steps

- Pilot in Ghana
- Pilots in more countries
 - Asia
 - South America
 - Africa



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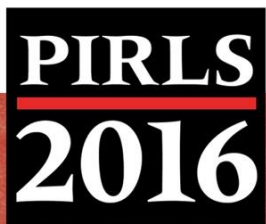
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