# TIMSS 2007 Final Report

### Ina V.S. Mullis and Michael O. Martin 50<sup>th</sup> IEA General Assembly Tallinn, 5-8 October, 2009





# **TIMSS 2007**

- Mathematics and Science
- Grades 4 and 8
- Trends 1995, 1999, 2003, 2007
- Baseline for new countries

## 59 Countries, 425,000 Students!





MSS & PIRLS

pool of Education, Boston Colleg

## **TIMSS 2007 Participants**

Algeria Armenia Australia Austria Bahrain **Bosnia and** Herzegovina Botswana **Bulgaria Chinese Taipei** Colombia Cyprus **Czech Republic** Denmark Egypt **El Salvador** England

Georgia Germany Ghana Hong Kong SAR Hungary Indonesia Iran, Islamic Rep. of Israel Italy Japan Jordan **Kazakhstan** Korea, Rep. of Kuwait\_ Latvia Lebanon Lithuania

Malaysia Malta Mongolia Morocco **Netherlands New Zealand** Norway Oman Palestinian Nat'l Auth. Oatar Romania **Russian Federation** Saudi Arabia Scotland Serbia Singapore **Slovak Republic** Slovenia

Sweden **Syrian Arab Republic** Thailand **Tunisia** Turkey Ukraine **United States** Yemen Alberta, Canada **Basque Country, Spain** British Columbia, Canada Dubai, UAE Massachusetts, US Minnesota, US Ontario, Canada Quebec, Canada

### TIMSS2007 Trends in International Mathematics and Science Study



## Major Accomplishment

Since last General Assembly:

## **TIMSS 2007 Completed!**





## **TIMSS 2007 Publications**

- TIMSS 2007 Assessment Frameworks
- TIMSS 2007 Encyclopedia, Vol. I & II
- TIMSS 2007 International Mathematics Report
- TIMSS 2007 International Science Report
- TIMSS 2007 Technical Report
- TIMSS 2007 International Database and User Guide





## **TIMSS 2007 Encyclopedia**

## TOTAL CALL SAND SCIENCE STUDY

### **TIMSS 2007** Encyclopedia

A Guide to Mathematics and Science Education Around the World

Volume 1 A-L

TIMSS & PIRLS International Study Center

## TIME STUDY

### **TIMSS 2007** Encyclopedia

A Guide to Mathematics and Science Education Around the World

### Volume 2

M–Z and Benchmarking Participants



TIMSS & PIRLS International Study Center





## **TIMSS 2007 Encyclopedia**

## TRENDS IN INTERNATIONAL MATHEMATICS AND SCIENCE STUDY

### TIMSS 2007 Encycloped

A Guide to Mathematic and Science Education Around the World **Volume 1** 

A-L

Edited by Ina V.S. Mullis Michael O. Martin John F. Olson Debra R. Berger Dana Milne Gabrielle M. S.

TIMSS & PIRLS International Study Center Lynch School of Education, Boston College 65 Chapters

Teacher

Education

Edited by Ina V.S. Mullis Michael O. Martin John F. Olson Debra R. Berger Dana Milne Gabrielle M. Stanco

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## Examinations and assessment





## **TIMSS 2007 International Release**

- International Reports mailed to National Centers
  - November 18, 2008
- International press release via webcast from Boston College
  - December 9, 2008





## **TIMSS 2007 International Reports**



#### TIMSS 2007 International Mathematics Report

Findings from IEA's Trends in International Mathematics and Science Study at the Fourth and Eighth Grades

Ina V.S. Mullis Michael O. Martin Pierre Foy

In collaboration with John F. Olson Corinna Preuschoff Ebru Erberber Alka Arora Joseph Galia



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#### TIMSS 2007 International Science Report

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School contexts



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## **TIMSS 2007 Technical Report**



### Technical Procedures

- Instrument development
- Sampling and operations
- Quality assurance
- Database construction
- Achievement scaling
- Analysis and reporting





## **TIMSS 2007 International Database**

September 26, 2008

- Draft International Database to NRCs
  February 8-13, 2009
- 9<sup>th</sup> NRC meeting, Sharm EI-Sheikh
- Distribution of *final* International Database and User Guide
- Training for participating countries





## **TIMSS 2007 International Database and User Guide**

Available FREE! from timssandpirls.bc.edu Download, or order online









**TIMSS 2007** Assessment Frameworks

TIMSS

Ina Mir Gra Challe

## TIME STATEMENT AND ADDRESS AND SOURCE STREET

**TIMSS 2007** International Science Report

in International Mathematics and Science Study at the Fourth and Eighth Grades

TIMSS 2007 Encyclopedia A Guide to Mathematics and Science Education Around the World Volume 2

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and Science Around the V Volum

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EA

John E

**TIMSS 2007** 

Report

International

Mathematics

in International Mathematics

and Science Study at the

Fourth and Eighth Grades

**International Database** and User Guide Featuring the IEA IDB Analyzer

(FA)



### **A Bridge to School Improvement**

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