

Appendix H

Organizations and Individuals Responsible for TIMSS 2011

Introduction

TIMSS 2011 was a collaborative effort involving hundreds of individuals around the world. This appendix acknowledges the individuals and organizations for their contributions. Given that work on TIMSS 2011 has spanned approximately four years and has involved so many people and organizations, this list may not include all who contributed. Any omission is inadvertent. TIMSS 2011 also acknowledges the students, parents, teachers, and school principals who contributed their time and effort to the study. This report would not be possible without them.

Management and Coordination

TIMSS is a major undertaking of IEA, and together with the Progress in International Reading Literacy Study (PIRLS) comprises the core of IEA's regular cycles of studies. The TIMSS assessment at the fourth grade complements PIRLS, which regularly assesses reading achievement at the fourth grade.

The TIMSS & PIRLS International Study Center at Boston College has responsibility for the overall direction and management of the TIMSS and PIRLS projects. Headed by Executive Directors Drs. Ina V.S. Mullis and Michael O. Martin, the study center is located in the Lynch School of Education. In carrying out the project, the TIMSS & PIRLS International Study Center worked closely with the IEA Secretariat in Amsterdam, which managed country participation, was responsible for verification of all translations produced by the participating countries, and coordinated the school visits by International Quality Control Monitors. The IEA Data Processing and Research Center in Hamburg was responsible for processing and verifying the data submitted by the participants; Statistics Canada in Ottawa was responsible for school and student sampling activities; and Educational Testing Service in Princeton, New Jersey consulted on psychometric methodology, provided software for scaling the achievement data, and replicated the achievement scaling for quality assurance.

The Project Management Team, comprising the study directors and representatives from the TIMSS & PIRLS International Study Center, IEA Secretariat and IEA Data Processing and Research Center, Statistics Canada, and ETS met twice a year throughout the study to discuss the study's progress, procedures, and schedule. In addition, the study directors met with members of IEA's Technical Executive Group twice yearly to review technical issues.

To work with the international team and coordinate within-country activities, each participating country designates an individual to be the TIMSS

National Research Coordinator (NRC). The NRCs have the challenging task of implementing TIMSS in their countries in accordance with the TIMSS guidelines and procedures. In addition, the NRCs provide feedback and contributions throughout the development of the TIMSS assessment. The quality of the TIMSS assessment and data depends on the work of the NRCs and their colleagues in carrying out the complex sampling, data collection, and scoring tasks involved. Continuing the tradition of exemplary work established in previous cycles of TIMSS, the TIMSS 2011 NRCs performed their many tasks with dedication, competence, energy, and goodwill, and have been commended by the IEA Secretariat, the TIMSS & PIRLS International Study Center, the IEA Data Processing and Research Center, and Statistics Canada for their commitment to the project and the high quality of their work.

Funding

Funding for TIMSS 2011 was provided primarily by the participating countries. The National Center for Education Statistics of the US Department of Education was a major funding partner, providing funding under contract number ED08C00117. The content of this publication does not necessarily reflect the views or policies of the US Department of Education nor does mention of trade names, commercial products, or organizations imply endorsement by the US Government.

The financial support from Boston College is gratefully acknowledged, as well as that from the UK's National Foundation for Educational Research.

IEA Secretariat

Seamus Hegarty, *IEA Chair*
Hans Wagemaker, *Executive Director*
Barbara Malak, *Manager, Member Relations*
Juriaan Hartenberg, *Financial Manager*
Paulína Koršňáková, *Senior Professional Researcher*
Isabelle Braun-Gémin, *Financial Manager Assistant*
David Ebbs, *Management Assistant*
Alana Yu, *Management Assistant*

TIMSS & PIRLS International Study Center at Boston College

Ina V.S. Mullis, *Executive Director*
Michael O. Martin, *Executive Director*
Pierre Foy, *Director of Sampling, Psychometrics, and Data Analysis*
Paul Connolly, *Director, Graphic Design and Publications*
Alka Arora, *Assistant Research Director, TIMSS Mathematics*
Gabrielle M. Stanco, *Assistant Research Director, TIMSS Science*
Kathleen T. Drucker, *Assistant Research Director, PIRLS Reading*
Ieva Johansone, *Assistant Research Director, Operations and Quality Control*
Marcie Bligh, *Manager of Office Administration*
Bradley Crossman, *Psychometrician (through 2012)*
Courtney E. Castle, *Graduate Assistant*
Victoria A.S. Centurino, *Graduate Assistant*
Susan Farrell, *Senior Data Graphics Specialist*
Joseph Galia, *Senior Statistician/Programmer*
Christine Hoage, *Manager of Finance*
Lee R. Jones, *Chief Science Consultant*
Chad A. Minnich, *Writer/Editor*
Jennifer Moher Sepulveda, *Data Graphics Specialist*
Mario A. Pita, *Senior Data Graphics Specialist*
Jyothsna Pothana, *Statistician/Programmer*
Betty Poulos, *Administrative Coordinator*
Corinna Preuschoff, *Senior Research Specialist (through 2011)*
Moirra A. Ragan, *Graduate Assistant*
Ruthanne Ryan, *Data Graphics Specialist*
Steven A. Simpson, *Data Graphics Specialist*

IEA Data Processing and Research Center

Dirk Hastedt, *Co-Director*

Juliane Hencke, *Project Co-Manager, TIMSS and PIRLS data processing*

Oliver Neuschmidt, *Project Co-Manager, TIMSS and PIRLS data processing*

Yasin Afana, *Deputy Project Manager, TIMSS and PIRLS data processing*

Milena Taneva, *Deputy Project Manager, TIMSS and PIRLS data processing*

Alena Becker, *Research Analyst*

Christine Busch, *Research Analyst*

Ralph Carstens, *Senior Research Analyst*

Mark Cockle, *Research Analyst*

Tim Daniel, *Research Analyst*

Limiao Duan, *Research Analyst*

Eugenio Gonzales, *Unit Head, Research and Analysis*

Pamela Inostroza, *Research Analyst*

Michael Jung, *Research Analyst*

Maike Junod, *Programmer*

Alexander Konn, *Programmer*

Marta Kostek-Drosihn, *Unit Coordinator*

Sabine Meinck, *Research Analyst, Sampling*

Sebastian Meyer, *Research Analyst*

Dirk Oehler, *Research Analyst*

Moritz Otto, *Programmer*

Devi Potham Rajendra Prasath, *Programmer*

Daniel Radtke, *Research Analyst*

Anke Sielemann, *Research Analyst*

Harpreet Singh Choudry, *Unit Head, Software*

Caroline Vandenplas, *Research Analyst*

Sabine Weber, *Research Analyst*

Bettina Wietzorek, *Meeting and Seminar Coordinator*

Meng Xue, *Programmer*

Olaf Zuehlke, *Research Analyst, Sampling*

Statistics Canada

Marc Joncas, *Senior Methodologist*

Sylvie LaRoche, *Senior Methodologist*

Educational Testing Service

Matthias Von Davier, *Research Director*

Edward Kulick, *Research Director*

Meng Wu, *Associate Psychometrician*

Jonathan Weeks, *Associate Research Scientist*

Scott Davis, *Data Analysis and Computational Research Specialist*

Yuxin (Christina) Tang, *Principal Research Data Analyst*

Zhumei Guo, *Senior Research Data Analyst*

Sampling Referee

Keith Rust, *Vice President and Associate Director of the Statistical Group, Westat, Inc.*

TIMSS 2011 SCIENCE AND MATHEMATICS ITEM REVIEW COMMITTEE

Mathematics

Kiril Bankov

University of Sofia

Bulgaria

Karen Manriquez

Ministry of Education

Chile

Fou-Lai Lin

National Taiwan Normal University

Chinese Taipei

Khatab M. A. Abulibdeh

National Center for Human Resources
Development

Jordan

Christoph Selter

Mathematics Department

TU Dortmund University

Germany

Robert Garden

New Zealand

Liv Sissel Grønmo

Department of Teacher Education and
School Research

ILS, University of Oslo

Norway

Mary Lindquist

United States

Hung-Hsi Wu

University of California, Berkeley

United States

Science

Martina Kekule
Charles University in Prague
Czech Republic

Jouni Viiri
University of Jyväskylä
Finland

Saulė Vingelienė
Educational Development Centre
Lithuania

Berenice Michels
National Institute for Curriculum Development
The Netherlands

Mariam Mohammad Ahmed
Evaluation Institute, Supreme Education Council
Qatar

Gabriela Noveanu
Institute for Educational Sciences
Curriculum Department
Romania

Galina Kovaleva
Institute of Content and Methods of Education
Center for Evaluating the Quality of
General Education
Russian Academy of Education
Russian Federation

Maria Pilar Jimenez Aleixandre
Universidade de Santiago de Compostela
Spain

Wolfgang Dietrich
National Agency for Education
Sweden

Gerald T. Wheeler
National Science Teachers' Association
United States

TIMSS 2011 ITEM DEVELOPMENT TASK FORCES

Mathematics

Alka Arora, *Assistant Research Director, TIMSS Mathematics*
Graham Ruddock, *TIMSS Mathematics Coordinator (NFER)*
Ina V.S. Mullis, *TIMSS & PIRLS International Study Center Executive Director*
Mary Lindquist, *SMIRC Representative*
Robert Garden, *SMIRC Representative*
Berinderjeet Kaur, *Mathematics Consultant, National Institute of Education, Singapore*

Science

Gabrielle M. Stanco, *Assistant Research Director, TIMSS Science*
Christine O'Sullivan, *TIMSS Science Coordinator (K-12 Consulting)*
Helen Lye, *TIMSS Science Consultant (ACER)*
Gerald T. Wheeler, *SMIRC Representative*

Questionnaire Item Review Committee

Sue Thomson
Australian Council for Educational Research
Australia

Josef Basl
Czech School Inspectorate
Czech Republic

Naima Hassan
National Center of Examinations and
Educational Evaluation
Egypt

Linda Sturman
National Foundation for Educational Research
England

Wilfried Bos
Institute for School Development Research (IFS)
TU Dortmund University
Germany

Clara Rosaline Anumel
Inspectorate Division
Ghana Education Service
Ghana

Frederick Leung
Faculty of Education
The University of Hong Kong
Hong Kong SAR

Martina Meelissen
Department of Educational Organization and
Management
Faculty of Behavioral Sciences
University of Twente
Netherlands

Barbara Japelj Pavešić
Educational Research Institute
Slovenia

Peter Nyström
Umeå University
Sweden

Patrick Gonzales
National Center for Education Statistics
U.S. Department of Education
United States

TIMSS 2011 NATIONAL RESEARCH COORDINATORS

Armenia

Arsen Baghdasaryan
Assessment and Testing Center of Armenia

Australia

Sue Thomson
Australian Council for Educational Research

Austria

Birgit Suchaň
Bundesinstitut fuer Bildungsforschung,
Innovation und Entwicklung des
Oesterreichischen Schulwesens (BIFIE)

Azerbaijan

Emin Meherremov
Ulviya Mikailova (*through 2010*)
Department of Monitoring and Assessment
Ministry of Education

Bahrain

Huda Al-Awadi
Ministry of Education

Belgium (Flemish)

Jan Van Damme
Barbara Belfi
Centrum voor Onderwijseffectiviteit en evaluatie
Katholieke Universiteit Leuven

Botswana

Monamodi Kesamang
Botswana Examinations Council

Chile

Johanna Gubler Santander
Ministerio de Educacion

Chinese Taipei

Chen-Yung Lin
Graduate Institute of Science Education
National Taiwan Normal University

Croatia

Jasminka Buljan Culej
National Center for External Evaluation in
Education

Czech Republic

Vladislav Tomášek
Czech School Inspectorate

Denmark

Peter Allerup
Department of Education
Aarhus University

England

Linda Sturman
National Foundation for Educational Research

Finland

Pekka Kupari
Finnish Institute for Educational Research
University of Jyväskylä

Georgia

Mamuka Jibladze
Dito Patariaia (*through 2011*)
National Assessment and Examinations Center

Germany

Wilfried Bos
Heike Wendt
Institute for School Development Research (IFS)
TU Dortmund University

Ghana

Clara Rosaline Anumel
Inspectorate Division
Ghana Education Service

Honduras

Renán Rapálo Castellanos
Secretaria de Educacion
Instituto de Investigación
Universidad Pedagógica Nacional

Hong Kong SAR

Frederick Leung
Faculty of Education
The University of Hong Kong

Hungary

Ildikó Szepesi
Educational Authority
Department of Educational Assessment and
Evaluation

Indonesia

Hari Setiadi
Nugaaan Yulia Wardani (*through 2010*)
Center for Educational Assessment
Ministry of National Education

Iran, Islamic Republic of

Abdol'azim Karimi
Research Institute for Education (RIE)
Ministry of Education

Ireland

Eemer Eivers
Educational Research Centre
St. Patrick's College, Dublin

Israel

Inbal Ron-Kaplan
National Authority for Measurement and
Evaluation in Education (RAMA)

Italy

Elisa Caponera
Istituto Nazionale per la Valutazione
del Sistema Educativo di Istruzione e
di Formazione (INVALSI)

Japan

Fumi Ginshima
Kenji Matsubara
Yasushi Ogura (*through 2011*)
Keiichi Nishimura (*through 2011*)
Department for Curriculum Research
Curriculum Research Center
National Institute for Educational
Policy Research (NIER)

Jordan

Khattab M. A. Abulibdeh
National Center for Human Resources
Development

Kazakhstan

Zhanat Bazarbekova
Tynyshkul Moldashevna Amreeva (*through 2011*)
National Centre for Education Quality Assessment

Korea, Republic of

Soojin Kim
Kyunghee Kim (*through 2010*)
Korea Institute for Curriculum & Evaluation

Kuwait

Marzouq Al-Ghonaim
Ministry of Education

Lebanon

Leila Maliha Fayad
Educational Center for Research and Development
Ministry of Education

Lithuania

Olga Kostina
Aistė Eljio (*through 2011*)
National Examination Centre
Ministry of Education and Science

Macedonia

Beti Lameva
National Examination Center

Malaysia

Faridah Abu Hassan
Dewani Goloi
Muhammad Zaini Mohd Zain
Educational Planning & Research Division
Ministry of Education

Malta

Raymond Camilleri
Directorate for Quality & Standards in Education
Ministry of Education

Morocco

Mohammed Sassi
Departement de l'Education Nationale
Centre Nationale de l'Evaluation et
des Examens

Netherlands

Marjolein Drent
Martina Meelissen
Department of Educational Organization and
Management
Faculty of Behavioral Sciences
University of Twente

New Zealand

Robyn Caygill
Comparative Education Research Unit
Ministry of Education

Northern Ireland

Patricia Wyers
Statistics and Research Branch
Department of Education

Norway

Liv Sissel Grønmo
Department of Teacher Education and
School Research
ILS, University of Oslo

Oman

Zuwaina Saleh Al-Maskari
Ministry of Education

Palestinian National Authority

Mohammed O. Matar Mustafa
Assessment and Evaluation Department
Ministry of Education and Higher Education

Poland

Krzysztof Konarzewski
Polish Academy of Sciences

Dominik Mytkowski (*through 2010*)
Centralna Komisja Egzaminacyjna

Portugal

Ana Ferreira
Education Statistics and Planning Office
Ministry of Education

Qatar

Abdulsattar Mohammed Nagi
Office of Student Assessment
Evaluation Institute, Supreme Education Council

Romania

Gabriela Noveanu
Institute for Educational Sciences
Curriculum Department

Russian Federation

Galina Kovaleva
Institute of Content and Methods of Education
Center for Evaluating the Quality of
General Education
Russian Academy of Education

Saudi Arabia

Saleh Alshaya
International Studies & Testing Center (ISTC)
Ministry of Education

Serbia

Slobodanka Gasic-Pavisica
Institute for Educational Research

Singapore

Pik Yen Lim
Chew Leng Poon
Elaine Chua Ka-Yi (*through 2011*)
Research and Evaluation Section/
Planning Division
Ministry of Education

Slovak Republic

Andrea Galádová
National Institute for Certified Educational
Measurements

Slovenia

Barbara Japelj Pavešić
Educational Research Institute

South Africa

Vijay Reddy
Human Sciences Research Council (HSRC)

Spain

David Cervera Olivares
Jesús Domínguez Castillo (*through 2012*)
National Institute of Educational Evaluation
Ministry of Education, Culture and Sports

Sweden

Eva Lundgren
Swedish National Agency for Education

Syrian Arab Republic

Omar Abou Awn
Ministry of Education

Thailand

Precharn Dechsri
The Institute for the Promotion of Teaching
Science and Technology

Tunisia

Kameleddine Gaha
National Centre for Pedagogical Innovation and
Research in Education

Turkey

Nurcan Ateşok Deveci
General Directorate of Innovation and
Educational Technologies

Murat Yalcin (*through 2011*)
Halil Rahman Acar (*through 2010*)
Educational Research & Development Directorate
Ministry of National Education

Ukraine

Larisa Dvoretzka
Ukrainian Center of Evaluation of
Educational Quality

Nataliia Prokopenko (*through 2011*)
Ministry of Education and Science of Ukraine

United Arab Emirates

Nada Abu Baker Husain Ruban
Assessment Department
Ministry of Education

United States

Stephen Provasnik
Patrick Gonzalez (*through 2011*)
National Center for Education Statistics
U.S. Department of Education

Yemen

Tawfiq Ahmad Al-Mekhlafy
Educational Research and Development Center
Ministry of Education

BENCHMARKING PARTICIPANTS

Alberta, Canada

Ping Yang
Learner Assessment Branch
Alberta Education

Ontario, Canada

Michael Kozlow
Education Quality and Accountability Office

Quebec, Canada

Robert Marcotte
Direction de la sanction des études

Abu Dhabi, United Arab Emirates

Shaikha Ali Al Zaabi
Abu Dhabi Education Council

Dubai, United Arab Emirates

Mariam Al Ali
Knowledge and Human Development Authority

Alabama, United States

California, United States

Colorado, United States

Connecticut, United States

Florida, United States

Indiana, United States

Massachusetts, United States

Minnesota, United States

North Carolina, United States

Patrick Gonzalez
National Center for Education Statistics
U.S. Department of Education



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

TYPOGRAPHY: Set in Avant Garde Gothic, Meridien, Minion, and Myriad.

COVER DESIGN: Ruthanne Ryan

COVER ILLUSTRATION: Steven A. Simpson

BOOK DESIGN: Mario A. Pita and Ruthanne Ryan

LAYOUT & PRODUCTION: Susan Farrell, Jennifer Moher Sepulveda, Mario A. Pita, and Steven A. Simpson

DIRECTOR, GRAPHIC DESIGN & PUBLICATIONS: Paul Connolly

PRINTER: Flagship Press, North Andover, MA