

Appendix H: Organizations and Individuals Responsible for TIMSS 2015

Introduction

TIMSS 2015 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 2015 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 2015 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 fourth grade.

TIMSS was conducted by IEA's TIMSS & PIRLS International Study Center at Boston College, which has responsibility for the overall direction and management of the TIMSS and PIRLS projects, including design, development, and implementation. 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. Staff at the IEA Data Processing and Research Center in Hamburg worked closely with participating countries to organize sampling and data collection operations and to check all data for accuracy and consistency within and across countries; 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 2015 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 2015 was provided primarily by the participating countries. The National Center for Education Statistics of the U.S. 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 U.S. Department of Education nor does mention of trade names, commercial products, or organizations imply endorsement by the U.S. Government.

Boston College also is gratefully acknowledged for its generous financial support and stimulating educational environment.

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*

Ieva Johansone, *Associate Research Director, Operations and Quality Control*

Marcie Bligh, *Manager, Events and Administration*

Victoria A.S. Centurino, *Assistant Research Director, TIMSS Science*

Kerry Cotter, *Research Specialist, TIMSS Mathematics*

Susan Farrell, *Lead Web and Database Designer*

Bethany Fishbein, *Research Specialist, TIMSS Science*

Joseph Galia, *Lead Statistician/Programmer*

Shirley Goh, *Assistant Director, Communications and Media Relations*

Christine Hoage, *Manager of Finance*

Kathleen Holland, *Administrative Coordinator*

Martin Hooper, *Assistant Research Director, TIMSS and PIRLS Questionnaire Development and Policy Studies*

Jenny Liu, *Graduate Assistant*

Lauren Palazzo, *Research Associate, TIMSS and PIRLS Questionnaire Development and Technical Reporting*

Yenileis Pardini, *Lead Designer/Developer for eAssessments*

Mario A. Pita, *Lead Graphic Designer*

Jyothsnadevi Pothana, *Statistician/Programmer*

Betty Poulos, *Administrative Coordinator*

Katherine Reynolds, *Graduate Assistant*

Ruthanne Ryan, *Senior Graphic Designer*

Jennifer Moher Sepulveda, *Data Graphics Specialist (through 2015)*

Amy Semerjian, *Graduate Assistant (through 2015)*

Steven A. Simpson, *Senior Graphic Designer*

Erin Wry, *Research Associate, TIMSS and PIRLS Operations and Quality Control*

Liqun Yin, *Research Psychometrician*

IEA Secretariat

Dirk Hastedt, *Executive Director*

Hans Wagemaker, *Executive Director (through 2014)*

Paulína Koršňáková, *Director of the IEA Secretariat*

Barbara Malak, *Manager, Member Relations (through 2013)*

Gabriela Nausica Noveanu, *Senior Research Advisor*
 David Ebbs, *Research Officer*
 Michelle Djekić, *Research Officer*
 Roel Burgers, *Financial Manager*
 Juriaan Hartenberg, *Financial Manager (through 2013)*
 Isabelle Braun-Gémin, *Financial Officer*
 Dana Vizkova, *Financial Officer*
 Gillian Wilson, *Publications Officer*
 Manuel Butty, *Public Outreach Officer*

IEA Data Processing and Research Center

Heiko Sibberns, *IEA DPC Director*
 Oliver Neuschmidt, *Senior Research Analyst, Unit Head, International Studies*
 Milena Taneva, *Senior Research Analyst, Project Co-Manager, TIMSS and TIMSS Advanced Data Processing*
 Juliane Hencke, *Senior Research Analyst, Project Co-Manager, TIMSS and TIMSS Advanced Data Processing*
 Sebastian Meyer, *Research Analyst, Deputy Project Manager, TIMSS and TIMSS Advanced Data Processing*
 Mark Cockle, *Research Analyst, Deputy Project Manager, TIMSS and TIMSS Advanced Data Processing*
 Yasin Afana, *Research Analyst*
 Alena Becker, *Research Analyst*
 Clara Beyer, *Research Analyst*
 Christine Busch, *Research Analyst*
 Tim Daniel, *Research Analyst*
 Limiao Duan, *Programmer*
 Eugenio Gonzalez, *Senior Research Analyst*
 Michael Jung, *Research Analyst*
 Deepti Kalamadi, *Programmer*
 Hannah Köhler, *Research Analyst*
 Kamil Kowolik, *Research Analyst*
 Sabine Meinck, *Unit Head, Sampling & Research and Analyses Unit*
 Ekaterina Mikheeva, *Research Analyst*
 Dirk Oehler, *Research Analyst*
 Duygu Savaşci, *Research Analyst*
 Sabine Tieck, *Research Analyst*
 Meng Xue, *Unit Head, Software*

Statistics Canada

Sylvie LaRoche, *Senior Methodologist*
 Marc Joncas, *Senior Methodologist (through 2015)*
 Shou Xiang Chen, *Methodologist*

Educational Testing Service

Matthias Von Davier, *Senior Research Director*
 Edward Kulick, *Research Director*
 Jonathan Weeks, *Associate Research Scientist*
 Zhan Shu, *Psychometrician*
 Scott Davis, *Senior Data Analysis and Computational Research Specialist*
 Mei-Jang Lin, *Data Analysis and Computational Research Specialist*

Sampling Referee

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

TIMSS 2015 Science and Mathematics Item Review Committee

Mathematics

Kiril Bankov
 Faculty of Mathematics and Informatics
 University of Sofia

Bulgaria

Sean Close
 Educational Research Centre
 St. Patrick's College

Ireland

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

Jordan

Sun Sook Noh
 Department of Mathematics Education
 Ewha Women's University

Korea, Republic of

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

Norway

Torgeir Onstad
 Department of Teacher Education and
 School Research
 ILS, University of Oslo

Norway

Mary Lindquist

United States

Science

Newman Burdett (through 2014)
 National Foundation for Educational
 Research (NFER)

England

Jouni Viiri
 University of Jyväskylä

Finland

Siu Ling Alice Wong
 Faculty of Education
 University of Hong Kong

Honk Kong SAR

Berenice Michels
 Faculty of Science
 Utrecht University

The Netherlands

Vitaly Gribov
 Physics Faculty
 Moscow Lomonosov State University

Russian Federation

Galina Kovaleva
 Center for Evaluating the Quality of
 Education
 Federal Institute of the Strategy of
 Education Development of the Russian
 Academy of Education
 Ministry of Education and Science

Russian Federation

Gabriela Noveanu (through 2013)
 Institute of Educational Science
 Curriculum Department

Romania

Gorazd Planinsic
 Faculty of Mathematics & Physics
 University of Ljubljana

Slovenia

Wolfgang Dietrich
 National Agency for Education

Sweden

Lee Jones
 Chief Science Consultant

United States

Christopher Lazzaro
 The College Board

United States

Gerry Wheeler
 United States

TIMSS 2015 Item Development Task Forces

Mathematics

Ina V.S. Mullis, *TIMSS & PIRLS International Study Center Executive Director*
 Kerry Cotter, *Research Specialist, TIMSS Mathematics*
 Liv Sissel Grønmo, *Chief Mathematics Consultant (ILS, University of Oslo)*
 Mary Lindquist, *Mathematics Consultant (United States)*
 Torgeir Onstad, *Mathematics Consultant (ILS, University of Oslo)*
 Ray Philpot, *Mathematics Consultant (ACER)*

Science

Victoria A.S. Centurino, *Assistant Research Director, TIMSS Science*
 Lee R. Jones, *Chief Science Consultant (United States)*
 Ron Martin, *Science Consultant (ACER)*
 Gerry Wheeler, *Science Consultant (United States)*

Questionnaire Item Review Committee

Sue Thomson
 Australian Council for Educational
 Research

Australia

Josef Basl
 Czech School Inspectorate

Czech Republic

Wilfried Bos
 Institute for School Development
 Research (IFS)

TU Dortmund University

Germany

Martina Meelissen
 Department of Research Methodology,
 Measurement, and Data Analysis
 Faculty of Behavioral Sciences
 University of Twente

Netherlands

Chew Leng Poon
 Planning Division, Research and
 Evaluation Section
 Ministry of Education

Singapore

Peter Nyström
 National Center for Mathematics
 Education
 University of Gothenburg

Sweden

Jack Buckley
 The College Board

United States

TIMSS 2015 National Research Coordinators

Armenia

Arsen Baghdasaryan
 Assessment and Testing Center

Australia

Sue Thomson
 Australian Council for Educational
 Research

Bahrain

Huda Al-Awadi
 Ministry of Education

Belgium (Flemish)

Kim Bellens
 Centrum voor Onderwijseffectiviteit en
 evaluatie
 Katholieke Universiteit Leuven

Botswana

Trust Mbako-Masole
 Monamodi Kesamang (through 2014)
 Botswana Examinations Council

Bulgaria

Marina Vasileva Mavrodieva
 Center for Control and Assessment of the
 Quality in School Education (CCAQSE)

Canada

Pierre Brochu
 Council Ministers of Education

Chile

Elisa Salinas
 Victoria Martinez (through 2016)
 Gabriela Cares Osorio (through 2015)
 Departamento de Estudios Internacionales
 División de Estudios
 Daniel Rodriguez (through 2014)
 Agencia de Calidad de la Educación

Chinese Taipei

Chun-Yen Chang
 Che-Di Lee
 National Taiwan Normal University

Croatia

Jasminka Buljan Culej
 National Centre for External Evaluation in
 Education

Cyprus

Yiasemina Karagiorgi
 Center of Educational Research and
 Evaluation Pedagogical Institute

Czech Republic

Vladislav Tomasek
 Czech School Inspectorate

Denmark

Peter Allerup
 Department of Education
 Aarhus University

Egypt

Abd Alkareem Badran
 Khaled Mohamed Sayad Ahmed (through
 2014)
 National Center for Examinations and
 Educational Evaluation

England

Jamie Jackson
 Dawn Pollard
 RM Education

Finland

Jouni Vettenranta
 Finnish Institute for Educational Research
 University of Jyväskylä

France

Marc Colmant
 Ministère de l'éducation nationale
 Direction de l'évaluation, de la prospective
 et de la performance (DEPP)

Georgia

David Gabelaia
 Mamuka Jibladze
 National Assessment and Examinations
 Center

Germany

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

Hong Kong SAR

Frederick Leung
 Siu Ling Alice Wong
 Faculty of Education
 The University of Hong Kong

Hungary

Ildiko Szepesi
 Educational Authority
 Department of Assessment and Evaluation

Indonesia

Ir. Nizam
 Center for Educational Assessment
 Ministry of National Education

Iran, Islamic Republic of

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

Ireland

Aidan Clerkin
 Rachel Perkins
 Educational Research Centre
 St. Patrick's College, Dublin

Israel

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

Italy

Laura Palmerio
 Istituto Nazionale per la Valutazione del
 Sistema Educativo di Istruzione e di
 Formazione (INVALSI)

Japan

Fumi Ginshima
 Kenji Matsubara (through 2016)
 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

Algerim Kopeyeva
 Zhanara Zhumabayeva (2016)
 Ministry of Education and Science JSC
 Information-Analytic Center
 Zhanat Bazarbekova (through 2016)
 National Center for Assessment of the
 Quality of Education

Korea, Republic of

Kyongah Sang
 Center for Global Education, Korea
 Institute for Curriculum & Evaluation
 Soojin Kim (through 2015)
 Korea Institute for Curriculum &
 Evaluation

Kuwait

Noor Al-Saadoon
 Aalla'a A. Al-Shaheen (through 2014)
 National Centre for Education
 Development

Lebanon

Nada Owejjane
 Leila Maliha Fayad (through 2015)
 Educational Center for Research and
 Development
 Ministry of Education

Lithuania

Mindaugas Stundza
 Irina Mackeviciene
 Olga Kostina (through 2015)
 National Examination Centre
 Ministry of Education and Science

Malaysia

Azlina Osman
 Dato' Sulaiman Wak
 Azian T.S. Abdullah (through 2016)
 Educational Planning and Research
 Division
 Ministry of Education

Malta

Gaetano Bugeja
 Frank Fabri (through 2015)
 Research and Development Department
 Ministry of Education and Employment

Morocco

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

Netherlands

Martina Meelissen
 Marjolein Drent (through 2014)
 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

Bethan Burge
 National Foundation for Educational
 Research

Norway

Ole Kristian Bergem
 Department of Teacher Education and
 School Research
 ILS, University of Oslo

Oman

Zuwaina Saleh Al-Maskari
 Ministry of Education

Poland

Krzysztof Konarzewski
 Polish Academy of Sciences

Portugal

João Maroco
 Instituto de Avaliação Educativa, I. P.

Qatar

Asma Yousef Alharqan
 Supreme Education Council
 Evaluation Institute

Russian Federation

Galina Kovaleva
 Center for Evaluating the Quality of
 Education
 Federal Institute of the Strategy of
 Education Development of the Russian
 Academy of Education
 Ministry of Education and Science

Saudi Arabia

Mohammed Majre Al-Sobeiy
 Ministry of Education
 General Directorate of Evaluation

Serbia

Milica Marusi
 Institute for Educational Research

Singapore

Hui Leng Ng
 Chew Leng Poon
 Planning Division, Research and
 Evaluation Section
 Ministry of Education

Slovak Republic

Andrea Galadova
 National Institute for Certified
 Educational Measurements

Slovenia

Barbara Japelj Pavesic
 Educational Research Institute

South Africa

Vijay Reddy
 Human Sciences Research Council
 (HSRC)

Spain

Francisco Javier Garcia Crespo
 Ministerio de Educación, Cultura y
 Deporte
 Instituto Nacional de Evaluación Educativa

Sweden

Maria Axelsson
 Swedish National Agency for Education

Thailand

Precharn Dechsri (through 2015)
 Praweena Tira
 The Institute for the Promotion of
 Teaching Science and Technology

Turkey

Muhsin Polat
 Mehmet Emin Gunaydin (through 2015)
 Osman Celik (through 2014)
 The General Directorate of Measurement,
 Evaluation and Examination Services
 The Ministry of National Education

United Arab Emirates

Moza Rashid Ghufli
 Nada Abu Baker Husain Ruban (through
 2015)
 Assessment Department
 Ministry of Education

United States

Stephen Provasnik
 National Center for Education Statistics
 U.S. Department of Education

Benchmarking Participants

Buenos Aires, Argentina

Tamara Vinacur
 Ines Cruzalegui (2015)
 Ignacio Frea (2015)
 Silvia Beatriz Montoya (through 2015)
 Ministry of Education, Government of the
 City of Buenos Aires

Ontario, Canada

Richard Jones
 Education Quality and Accountability
 Office

Quebec, Canada

Joanne Latourelle
 Sanction des études, Ministère de
 l'Éducation, et de l'Enseignement
 Supérieur

Abu Dhabi, United Arab Emirates

Shaikha Ali Al Zaabi
 Abu Dhabi Education Council

Dubai, United Arab Emirates

Mariam Al Ali
 Rabaa Al Sumalti
 Knowledge and Human Development
 Authority

Florida, United States

Stephen Provasnik
 National Center for Education Statistics
 U.S. Department of Education