APPENDIX H

Organizations and Individuals Responsible for TIMSS 2019

Introduction
TIMSS 2019 was a collaborative effort involving hundreds of individuals around the world. This appendix acknowledges the individuals and organizations for their contributions. Given that the work on TIMSS 2019 spanned more than four years and involved so many people and organizations, this list may not include all who contributed. Any omission is inadvertent. TIMSS 2019 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 2019 was conducted by IEA's TIMSS & PIRLS International Study Center at Boston College, which has responsibility for the overall direction and management of TIMSS and PIRLS, including design, development, and implementation. For TIMSS 2019, this also included managing the transition of TIMSS to a digital assessment, with the development of eTIMSS. Headed by Executive Directors Drs. Ina V.S. Mullis, Michael O. Martin, and Matthias von Davier, the study center is located in the Lynch School of Education and Human Development. The TIMSS & PIRLS International Study Center worked closely with IEA 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. In addition to developing the software system used to create and deliver the eTIMSS 2019 digital assessments, staff at IEA 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. 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 Amsterdam, IEA Hamburg, and Statistics Canada...
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 each year 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 contribute to the development of the TIMSS assessments and provide input throughout the course of the project. 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. NRCs from countries participating in eTIMSS were responsible for carrying out additional tasks related to the transition of TIMSS to a digital assessment. Continuing the tradition of exemplary work established in previous cycles of TIMSS, the TIMSS 2019 NRCs performed their many tasks with dedication, competence, energy, and goodwill, and demonstrated a commitment to the project and high quality work.

**Funding**

Funding for TIMSS 2019 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 EDIES17C0060. 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
Matthias von Davier, Executive Director (from 2020)
Paul Connolly, Director, Graphic Design and Publications
Pierre Foy, Director, Sampling, Psychometrics, and Data Analysis
Ieva Johansone, Director, Operations and Quality Control
Dana Kelly, Director, Development and Reporting (from 2019)
Charlotte Aldrich, Research Specialist, TIMSS Mathematics and Special Projects (from 2020)
Maria Baez Cruz, Research Specialist, Data Analytics and Programming
Marcie Bligh, Manager, Events and Administration
Alicia Bouchard, Administrative Assistant
Victoria A.S. Centurino, Assistant Research Director, TIMSS Science and Special Projects
Kerry Cotter, Assistant Research Director, TIMSS Mathematics and Special Projects (through 2019)
Susan Farrell, Lead Web and Database Designer
Bethany Fishbein, Senior Research Specialist, Psychometrics and Data Analysis
Susan Flicop, Research Associate, Operations and Quality Control
Joseph Galia, Lead Statistician/Programmer (through 2020)
Shirley Goh, Assistant Director, Communications and Media Relations (through 2019)
Kaitlin Haines, Graduate Assistant (through 2020)
Christine Hoage, Manager of Finance
Martin Hooper, Assistant Research Director, TIMSS and PIRLS Questionnaire Development and Policy Studies (through 2018)
Dihao Leng, Graduate Assistant
Jingxian Li, Graduate Assistant (through 2020)
Jenny Liu, Research Specialist, TIMSS and PIRLS Questionnaire Development and Policy Studies (through 2019)
Anne McCarthy, Front-end Web Developer
Yenileis Pardini, Manager, UX and Software Development (through 2019)
Mario A. Pita, Lead Graphic Designer
Katherine Reynolds, Graduate Assistant (through 2018)
Ruthanne Ryan, Senior Graphic Designer
Steven A. Simpson, Senior Graphic Designer
Lillian Tyack, Graduate Assistant
Erin Wry, Senior Research Specialist, TIMSS and PIRLS Operations and Quality Control
Liqun Yin, Research Psychometrician
IEA Amsterdam

Dirk Hastedt, Executive Director
Andrea Netten, Director, IEA Amsterdam
Paulína Koršňáková, Senior Research and Liaison Adviser
Roel Burgers, Financial Director
Isabelle Braun-Gémin, Senior Financial Officer
David Ebbs, Senior Research Officer
Sandra Dohr, Research Officer
Jan-Philipp Wagner, Junior Research Officer
Katie Hill, Head of Communications
Sive Finley, Head of Communications (through 2019)
Gina Lamprell, Publications Officer

IEA Hamburg

Juliane Hencke, Director, IEA Hamburg
Heiko Sibbern, Senior Research Advisor
Alena Becker, Co-Head of International Studies Unit
Oliver Neuschmidt, Co-Head of International Studies Unit
Milena Taneva, Project Manager, TIMSS Data Management
Mark Cockle, Deputy Project Manager, TIMSS Data Management
Kamil Kowolik, Deputy Project Manager, TIMSS Data Management
Umut Atasever, Research Analyst
Limiao Duan, Software Developer
Eugenio Gonzalez, Senior Research Analyst
Deepti Kalamadi, Software Developer
Ievgen Kosievtsiov, Software Developer
Guido Martin, Head of Coding Unit
Sabine Meinck, Head of Sampling Unit/Co-Head of Research and Analysis Unit
Kevin Mo, Lead Software Developer
Duygu Savaşçı, Research Analyst
Meng Xue, Head of Software Unit

Statistics Canada

Ahmed Almaskut, Senior Methodologist
Sylvie LaRoche, Senior Methodologist
Educational Testing Service
Edward Kulick, Senior Research Director
Timothy Davey, Research Director, Special Projects
Jonathan Weeks, Research Scientist
Christina Tang, Senior Data Analysis and Computational Research Specialist
Zhumei Guo, Data Analysis and Computational Research Specialist

Sampling Referee
Keith Rust, Senior Vice President and Senior Statistical Fellow, Westat, Inc.

TIMSS 2019 Science and Mathematics Item Review Committee

Mathematics
Ray Philpot
Australian Council for Educational Research

Australia
Kiril Bankov
Faculty of Mathematics and Informatics
University of Sofia

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

Development
Jordan
Arne Hole
Department of Teacher Education and
School Research

ILS, University of Olso

Norway
Cheow Kian Soh
Mathematics Branch, Curriculum Planning
and Development Division
Ministry of Education

Singapore
Linda Hall

United States
Mary Lindquist

United States

Science
Svatava Janoušková
Science Faculty, Department of Teaching

and Didactics of Chemistry
Charles University Prague

Czech Republic
Emily Jones
National Foundation for Educational

Research
England
Jouni Viiri (through 2019)
Department of Teacher Education
University of Jyväskylä

Finland
Berenice Michels
Faculty of Science
Utrecht University

Netherlands
Galina Kovaleva
Federal Institute for the Strategy of Education

Development
Russian Academy of Education

Russian Federation
Christopher Lazzaro
Director of Science
New Meridian Corporation

United States
TIMSS 2019 Item Development and Scoring Working Groups

Mathematics
Ina V.S. Mullis, TIMSS & PIRLS International Study Center Executive Director
Kerry Cotter, Assistant Research Director, TIMSS Mathematics and Special Projects (through 2019)
Linda Hall, Mathematics Consultant (United States)
Mary Lindquist, Mathematics Consultant (United States)
Ray Philpot, Mathematics Consultant (Australian Council for Educational Research)

Science
Michael O. Martin, TIMSS & PIRLS International Study Center Executive Director
Victoria A.S. Centurino, Assistant Research Director, TIMSS Science and Special Projects
Emily Jones, Science Consultant (National Foundation for Educational Research)
Christopher Lazzaro, Science Consultant (New Meridian Corporation)
Berenice Michels, Science Consultant (Utrecht University)

Questionnaire Item Review Committee
Sue Thomson
Australian Council for Educational Research
Australia
Josef Basl
Czech School Inspectorate
Czech Republic
Heike Wendt
Institute for School Development Research (IFS)
TU Dortmund University
Germany
Laura Palmerio
Istituto Nazionale per la Valutazione del Sistema EDUCATIVO DI ISTRUZIONE E DI FORMAZIONE (INVALSI)
Italy
Kyongah Sang
Center for Global Education
Korea Institute for Curriculum & Evaluation
Korea, Republic of

Martina Meelissen
Faculty of Behavioral Sciences, Department of Research Methodology, Measurement and Data Analysis
University of Twente
Netherlands
Trude Nilsen
Department of Teacher Education and School Research
ILS, University of Oslo
Norway
Vijay Reddy
Human Sciences Research Council
South Africa
Jack Buckley
Imbellus
United States
TIMSS 2019 National Research Coordinators

Albania
Rezana Vrapi
Center for Educational Services
National Agency of Examinations (NAE)

Armenia
Arsen Baghdasaryan
Assessment and Testing Center

Australia
Sue Thomson
Australian Council for Educational Research

Austria
Ursula Itzlinger-Bruneforth
Federal Institute for Educational Research,
Innovation and Development of the Austrian
School System (BIFIE)

Azerbaijan
Nermine Aliyeva
Ministry of Education of the Republic of
Azerbaijan

Bahrain
Huda Al-Awadi
Ministry of Education

Belgium (Flemish)
Jerich Faddar
University of Antwerp

Bosnia and Herzegovina
Žaneta Džumhur
Agency for Preschool, Primary and Secondary
Education

Bulgaria
Marina Vasileva Mavrodieva
Center for Assessment in Pre-School and School
Education (CAPSE)

Canada
Kathryn O’Grady
Tanya Scerbina
Council of Ministers of Education, Canada
(CMEC)

Chile
María Victoria Martínez Muñoz
Camila Ayala Pereira
Elisa Salinas (through 2018)
Departamento de Estudios Internacionales,
División de Estudios
Agencia de Calidad de la Educación

Chinese Taipei
Chun-Yen Chang
Che-Di John Lee
National Taiwan Normal University

Croatia
Ines Elezović
National Center for External Evaluation of
Education

Cyprus
Yiasemina Karagiorgi
Center for Educational Research and Evaluation
Cyprus Pedagogical Institute

Czech Republic
Vladislav Tomasek
Czech School Inspectorate

Denmark
Christian Chrstrup Kjeldsen
Aarhus University

Egypt
Khaled Mohamed Sayad Ahmed
Abd Alkareem Badran (through 2018)
Test Development Department
National Center for Examinations and
Educational Evaluation
England
Grace Grima
Pearson UK

Finland
Jouni Vettenranta
Finnish Institute for Educational Research
University of Jyväskylä

France
Marc Colmant
Franck Salles
Direction de l’Évaluation, de la Prospective et de la Performance (DEPP)
Ministère de l’Éducation Nationale, de l’Enseignement Supérieur et de la Recherche

Georgia
Tamari Shoshitashvili
David Gabelaia (through 2018)
Mamuka Jibladze (through 2018)
National Assessment and Examinations Center

Germany
Knut Schwippert
University of Hamburg

Hong Kong SAR
Frederick Leung
Faculty of Education
The University of Hong Kong
Maurice M.W. Cheng
Faculty of Education
The University of Waikato, New Zealand

Hungary
Ildikó Szepesi
Department of Assessment and Evaluation
Educational Authority

Iran, Islamic Republic of
Abdol’azim Karimi
Research Institute for Education (RIE)
Ministry of Education

Ireland
Aidan Clerkin
Rachel Perkins
Educational Research Center
DCU St. Patrick’s College Campus

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

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

Japan
Fumi Ginshima
Curriculum Research Center
National Institute for Educational Policy Research (NIER)

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

Kazakhstan
Aigul Baigulova
JSC Information-Analytic Center
Ministry of Education and Science

Korea, Republic of
Kyongah Sang
Sangwook Park (2018-2019)
Korea Institute for Curriculum & Evaluation

Kosovo
Fatmir Elezi
Mustafa Kadriu (through 2019)
Ministry of Education, Science and Technology of Kosovo
Kuwait
Asia Hajiya
Abrar Ahmed Baqer (through 2019)
Hawraa Ahmed Al-Qattan (through 2018)
National Center for Education Development

Latvia
Linda Mihno
Faculty of Education, Psychology and Art
Education Research Institute

Lebanon
Brenda Ghazale
Center for Educational Research and Development
Ministry of Education

Lithuania
Benediktas Bilinskas
Asta Buineviciute
Greta Balintaviciute (through 2019)
National Examination Center, Research and Analysis Unit
National Agency for Education

Malaysia
Rusliza Abdullah
Nor Saidatul Rajeeh Zamzam Amin
Ahmad Rafee Che Kassim (through 2019)
Azlina Osman (through 2019)
Habibah Abdul Rahim (through 2018)
Educational Planning and Research Division (EPRD)
Ministry of Education

Montenegro
Marina Radović
Momir Radulović (through 2019)
Examination Center of Montenegro
Ministry of Education

Morocco
Mohammed Sassi
Centre National de l'Évaluation, des Examens et de l'Orientiation
Ministere de l'Éducation Nationale et de la Formation Professionnelle, de l'Enseignement Supérieur et de la Recherche Scientifique

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

New Zealand
Steve May
Debra Taylor (through 2020)
Robyn Caygill (through 2018)
Educational Measurement and Assessment
Ministry of Education

North Macedonia
Beti Lameva
Reshat Ramadani
National Examination Center

Northern Ireland
David Thomas
Bethan Burge (through 2018)
National Foundation for Educational Research

Malta
Gaetano Bugeja
Department of Curriculum, Lifelong Learning and Employability
Ministry of Education and Employment
Norway
Hege Kaarstein
Ole Kristian Bergem (through 2017)
Department of Teacher Education and School Research
ILS, University of Oslo
Jan Eivind Soledad (through 2017)
The Norwegian Directorate for Education and Training

Oman
Zuwaina Saleh Al-Maskari
Ministry of Education

Pakistan
Muhammad Shakeel
Syed Kamal Ud Din Shah (through 2018)
Ministry of Federal Education and Professional Training

Philippines
Nelia Vargas Benito
Bureau of Education Assessment
Department of Education

Poland
Michal Sitek
Marcin Karpinski (through 2017)
Educational Research Institute

Portugal
Anabela Serrão
Vanda Lourenço (through 2019)
João Maroco (through 2017)
Instituto de Avaliação Educativa, I. P.

Qatar
Asma Yousef Al-Harqan
Evaluation Institute
Supreme Education Council

Romania
Dragos Iliescu
University of Bucharest

Russian Federation
Galina Kovaleva
Federal Institute for the Strategy of Education Development
Russian Academy of Education
Sergey Stanchenko
Federal Institute for the Evaluation of the Quality of Education
Russian Academy of Education

Saudi Arabia
Abdullah Mohammed B. Aljouiee
Fahad Ibrahim Almoqhim (through 2019)
National Center for Assessment
Mohammed Majre Al-Sobeiy (through 2017)
Ministry of Education

Serbia
Ivana Djeric
Institute for Educational Research

Singapore
Huiyuan Lin
Planning Division, Research and Evaluation Section
Ministry of Education
Hui Leng Ng
Research and Evaluation Branch, Research and Management Information Division
Ministry of Education

Slovak Republic
Andrea Galadova
National Institute for Certified Educational Measurement (NUCEM)

South Africa
Vijay Reddy
Human Sciences Research Council (HSRC)
Spain
Francisco Javier Garcia Crespo
Instituto Nacional de Evaluación Educativa
Ministerio de Educación y Formación Profesional

Sweden
Maria Axelsson
Swedish National Agency for Education (SKOLVERKET)

Turkey
Emine Özdemir
Muhsin Polat (through 2019)
The Ministry of National Education

Benchmarking Participants

Ontario, Canada
Jeannette Amio
Ontario Ministry of Education
Jennifer Hove
Laurie McNelles (through 2019)
Education Quality and Accountability Office

Quebec, Canada
Marie-Eve Proulx
Latifa Elfassihi (through 2019)
Julie-Madeleine Roy (through 2018)
Ministère de l’Éducation et de l’Enseignement Supérieur

Moscow City, Russian Federation
Elena Zozulya
Moscow Center for the Quality of Education

Madrid, Spain
Maria Ángeles Puga Zuccotti
Instituto Nacional de Evaluación Educativa
Ministerio de Educación y Formación Profesional

United Arab Emirates
Hessa Al Wahhabi
Shaikha Ali Al Zaabi
Moza Rashid Ghufli (through 2018)
Ministry of Education

United States
Lydia Malley
National Center for Education Statistics
U.S. Department of Education

Gauteng, South Africa
Western Cape, South Africa
Vijay Reddy
Human Sciences Research Council (HSRC)

Abu Dhabi, United Arab Emirates
Nada Abu Baker Husain Ruban
Ministry of Education, UAE

Dubai, United Arab Emirates
Mariam Al Ali
Knowledge and Human Development Authority