Appendix G

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**Management and Operations**

TIMSS 2003 was conducted under the auspices of the IEA. The study was directed by Michael O. Martin and Ina V.S. Mullis, and managed centrally by the staff of the TIMSS & PIRLS International Study Center at Boston College, Lynch School of Education. Although the study was directed by the International Study Center and its staff members implemented various parts of TIMSS 2003, important activities also were carried out in centers around the world. In the IEA Secretariat, Hans Wagemaker, Executive Director, was responsible for overseeing fundraising and country participation. The IEA Secretariat also managed the ambitious translation verification effort conducted for the field test and main assessment and recruited international quality control monitors in each country. The IEA Data Processing Center was responsible for processing and verifying the data from the participating countries and for constructing the international database. Statistics Canada was responsible for collecting and evaluating the sampling documentation from each country and for calculating the sampling weights. Educational Testing Service in Princeton, New Jersey provided consultation on psychometric issues as well as technical support and software for scaling the achievement data. The Project Management Team, comprising the study directors and representatives from the International Study Center, IEA, Statistics Canada, and Educational Testing Service, met regularly throughout the study to discuss the study’s progress, procedures, and schedule.
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The TIMSS & PIRLS International Study Center at Boston College was supported in its work by a number of advisory committees. The International Expert Panel in Mathematics and Science played a crucial role in developing the TIMSS 2003 frameworks and specifications for the assessment. The Mathematics and Science Item Development Task Forces coordinated the work of the national research coordinators in developing and reviewing the mathematics and science achievement items. The Science and Mathematics Item Review Committee reviewed and revised successive drafts of the achievement items and was an integral part of the scale anchoring process. The Questionnaire Item Review Committee revised the TIMSS context questionnaires for the 2003 assessment.

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