

Appendix B.10: Participation Rates (Weighted)

Country	School Participation		Class Participation	Student Participation	Overall Participation	
	Before Replacement	After Replacement			Before Replacement	After Replacement
Australia	98%	100%	100%	91%	89%	91%
Bahrain	100%	100%	100%	97%	97%	97%
Chile	90%	99%	100%	96%	86%	95%
Chinese Taipei	98%	99%	100%	98%	96%	97%
Cyprus	100%	100%	100%	96%	96%	96%
Egypt	99%	100%	100%	97%	96%	97%
England	83%	90%	100%	95%	79%	85%
Finland	100%	100%	100%	96%	95%	95%
France	100%	100%	100%	97%	97%	97%
Georgia	90%	92%	100%	97%	88%	89%
† Hong Kong SAR	70%	86%	100%	94%	66%	81%
Hungary	95%	99%	100%	97%	92%	96%
Iran, Islamic Rep. of	100%	100%	100%	98%	98%	98%
Ireland	97%	98%	100%	88%	85%	86%
Israel	95%	98%	100%	93%	88%	91%
Italy	97%	100%	100%	97%	94%	97%
Japan	83%	94%	100%	94%	77%	88%
Jordan	100%	100%	100%	98%	98%	98%
Kazakhstan	100%	100%	100%	99%	99%	99%
Korea, Rep. of	100%	100%	100%	98%	98%	98%
Kuwait	99%	99%	100%	97%	96%	96%
Lebanon	82%	93%	100%	95%	78%	88%
Lithuania	99%	99%	100%	93%	92%	92%
Malaysia	99%	100%	100%	98%	97%	98%
Morocco	100%	100%	100%	98%	98%	98%
† New Zealand	77%	89%	100%	91%	70%	81%
† Norway (9)	79%	95%	99%	89%	70%	84%
Oman	99%	100%	100%	99%	97%	99%
Portugal	95%	99%	99%	96%	90%	94%
Qatar	100%	100%	100%	97%	97%	97%
Romania	95%	100%	100%	94%	89%	94%
Russian Federation	99%	100%	100%	97%	97%	97%
Saudi Arabia	100%	100%	100%	99%	99%	99%
Singapore	100%	100%	100%	96%	96%	96%
South Africa (9)	99%	100%	100%	96%	95%	96%
Sweden	98%	99%	100%	92%	90%	91%
Turkey	100%	100%	100%	99%	98%	99%
United Arab Emirates	100%	100%	100%	96%	96%	96%
† United States	72%	85%	100%	94%	67%	79%
Benchmarking Participants						
Ontario, Canada	93%	93%	100%	94%	87%	88%
‡ Quebec, Canada	74%	77%	99%	95%	70%	73%
Moscow City, Russian Fed.	99%	100%	100%	97%	96%	97%
Gauteng, RSA (9)	99%	100%	100%	97%	95%	97%
Western Cape, RSA (9)	99%	100%	100%	95%	95%	95%
Abu Dhabi, UAE	100%	100%	100%	96%	96%	96%
Dubai, UAE	100%	100%	100%	96%	96%	96%

TIMSS guidelines for sampling participation: The minimum acceptable participation rates were 85 percent of both schools and students, or a combined rate (the product of school and student participation) of 75 percent.

Participants not meeting these guidelines were annotated as follows:

† Met guidelines for sample participation rates only after replacement schools were included

‡ Nearly satisfied guidelines for sample participation rates after replacement schools were included

≡ Did not satisfy guidelines for sample participation rates