

Appendix B.2: Coverage of TIMSS 2019 Target Population

Country	International Target Population		Exclusions from National Target Population		
	Coverage	Notes on Coverage	School-Level Exclusions	Within-Sample Exclusions	Overall Exclusions
Albania	100%		2.6%	1.6%	4.2%
Armenia	100%		0.9%	0.4%	1.2%
Australia	100%		1.9%	2.9%	4.8%
Austria	100%		0.9%	4.5%	5.4%
Azerbaijan	100%		2.3%	0.3%	2.6%
Bahrain	100%		0.4%	0.4%	0.8%
Belgium (Flemish)	100%		0.8%	2.2%	3.0%
Bosnia and Herzegovina	100%		0.6%	1.4%	2.0%
Bulgaria	100%		0.8%	2.6%	3.4%
<sup>1,2</sup> Canada	79%	Students from the provinces of Alberta, Manitoba, Newfoundland, Ontario, and Quebec	3.1%	3.9%	7.0%
Chile	100%		1.2%	2.6%	3.8%
Chinese Taipei	100%		0.3%	1.6%	2.0%
Croatia	100%		1.1%	3.1%	4.2%
Cyprus	100%		1.1%	3.4%	4.6%
Czech Republic	100%		2.5%	2.2%	4.7%
Denmark	100%		1.6%	1.5%	3.1%
<sup>2</sup> England	100%		2.2%	3.6%	5.8%
Finland	100%		1.8%	1.5%	3.3%
France	100%		2.5%	1.9%	4.4%
<sup>1</sup> Georgia	92%	Students taught in Georgian	2.8%	1.8%	4.7%
Germany	100%		1.7%	2.2%	3.9%
Hong Kong SAR	100%		1.1%	2.4%	3.5%
Hungary	100%		2.1%	2.0%	4.1%
Iran, Islamic Rep. of	100%		3.0%	1.2%	4.2%
Ireland	100%		1.9%	1.1%	3.0%
Italy	100%		0.9%	4.1%	4.9%
Japan	100%		0.6%	1.5%	2.2%
<sup>2</sup> Kazakhstan	100%		2.7%	3.0%	5.8%
Korea, Rep. of	100%		0.9%	1.5%	2.3%
<sup>2</sup> Kosovo	100%		5.3%	3.3%	8.6%
Kuwait	100%		1.0%	0.7%	1.7%
<sup>2</sup> Latvia	100%		3.9%	3.0%	6.9%
<sup>2</sup> Lithuania	100%		2.6%	4.1%	6.7%
Malta	100%		1.4%	3.1%	4.5%
Montenegro	100%		1.3%	3.3%	4.6%
Morocco	100%		1.8%	0.0%	1.8%
Netherlands	100%		2.6%	0.9%	3.5%
<sup>2</sup> New Zealand	100%		2.6%	4.2%	6.9%
North Macedonia	100%		1.2%	2.5%	3.8%
Northern Ireland	100%		2.2%	0.6%	2.8%
Norway (5)	100%		1.4%	3.3%	4.7%
Oman	100%		1.4%	0.8%	2.2%
<sup>2</sup> Pakistan	100%		7.5%	0.0%	7.5%
<sup>2</sup> Philippines	100%		6.1%	1.6%	7.7%
Poland	100%		1.1%	2.0%	3.1%
<sup>2</sup> Portugal	100%		0.9%	6.9%	7.8%
Qatar	100%		1.2%	1.0%	2.2%
<sup>2</sup> Russian Federation	100%		2.4%	3.9%	6.3%
<sup>2</sup> Saudi Arabia	100%		10.1%	0.4%	10.5%
<sup>2</sup> Serbia	100%		4.0%	4.2%	8.2%
<sup>3</sup> Singapore	100%		12.5%	0.4%	12.8%
<sup>2</sup> Slovak Republic	100%		3.6%	1.9%	5.5%
South Africa (5)	100%		1.1%	0.0%	1.1%
Spain	100%		1.6%	3.8%	5.4%
Sweden	100%		1.6%	3.8%	5.4%
<sup>2</sup> Turkey (5)	100%		1.0%	5.9%	7.0%
United Arab Emirates	100%		1.1%	2.0%	3.2%
<sup>2</sup> United States	100%		0.0%	7.2%	7.2%
<b>Benchmarking Participants</b>					
<sup>2</sup> Ontario, Canada	100%		2.3%	4.7%	7.0%
Quebec, Canada	100%		3.3%	1.2%	4.4%
Moscow City, Russian Fed.	100%		0.7%	1.4%	2.1%
Madrid, Spain	100%		0.5%	3.1%	3.6%
Abu Dhabi, UAE	100%		1.1%	2.5%	3.6%
<sup>2</sup> Dubai, UAE	100%		2.6%	3.0%	5.6%

- 1 National Target Population does not include all of the International Target Population.
- 2 National Defined Population covers 90% to 95% of National Target Population.
- 3 National Defined Population covers less than 90% of National Target Population (but at least 77%).