

## Exhibit A.2: Coverage of PIRLS 2021 Target Population

**Assessed Fourth Grade Students at the End of the School Year**

☞ Assessed one year later than originally scheduled

■ Delayed Assessment of Fourth Grade Cohort at the Beginning of Fifth Grade

Country	International Target Population		Exclusions from National Target Population		
	Coverage	Notes on Coverage	School-Level Exclusions	Within-Sample Exclusions	Overall Exclusions
<sup>2</sup> Albania	100%		2.6%	6.7%	9.2%
Australia ☞	100%		1.6%	2.8%	4.4%
Austria	100%		1.2%	3.6%	4.8%
Azerbaijan	100%		1.8%	0.7%	2.5%
Bahrain	100%		0.6%	0.4%	1.0%
Belgium (Flemish)	100%		0.5%	2.4%	2.9%
<sup>2</sup> Belgium (French)	100%		5.4%	2.0%	7.4%
<sup>2</sup> Brazil ☞	100%		3.8%	2.5%	6.3%
Bulgaria	100%		0.6%	2.8%	3.4%
Chinese Taipei	100%		0.0%	1.1%	1.1%
Croatia	100%		1.3%	3.1%	4.4%
Cyprus	100%		1.2%	4.3%	5.5%
Czech Republic	100%		2.6%	2.9%	5.5%
<sup>2</sup> Denmark	100%		2.1%	7.0%	9.1%
<sup>2</sup> Egypt	100%		8.0%	0.0%	8.0%
England ☞	100%		2.1%	3.3%	5.4%
Finland	100%		1.0%	1.3%	2.3%
France	100%		2.7%	2.4%	5.0%
<sup>1</sup> Georgia	92%	Students taught in Georgian	1.2%	1.5%	2.7%
Germany	100%		1.9%	2.0%	4.0%
<sup>2</sup> Hong Kong SAR	100%		6.9%	0.8%	7.7%
Hungary	100%		2.8%	2.1%	4.9%
Iran, Islamic Rep. of ☞	100%		1.7%	0.1%	1.8%
Ireland	100%		1.9%	1.7%	3.6%
<sup>3</sup> Israel ☞	100%		22.5%	3.2%	25.7%
<sup>2</sup> Italy	100%		0.8%	4.9%	5.7%
Jordan	100%		0.0%	1.9%	1.9%
Kazakhstan	100%		1.0%	2.8%	3.9%
<sup>2</sup> Kosovo	100%		5.5%	4.1%	9.5%
Latvia	100%		4.3%	0.5%	4.8%
Lithuania	100%		1.9%	2.6%	4.5%
Macao SAR	100%		1.0%	2.5%	3.5%
Malta	100%		0.3%	2.2%	2.5%
<sup>3</sup> Montenegro	100%		1.4%	12.0%	13.5%
Morocco	100%		1.6%	0.0%	1.6%
Netherlands	100%		4.1%	1.1%	5.1%
New Zealand	100%		1.1%	2.4%	3.5%
North Macedonia	100%		1.6%	3.7%	5.3%
<sup>2</sup> Northern Ireland	100%		2.2%	3.4%	5.5%
Norway (5)	100%		2.2%	2.1%	4.2%
Oman	100%		2.2%	1.4%	3.6%
Poland	100%		1.9%	2.9%	4.8%
<sup>2</sup> Portugal	100%		1.3%	5.1%	6.4%
Qatar	100%		1.9%	1.2%	3.1%
Russian Federation	100%		1.7%	3.7%	5.4%
<sup>3</sup> Saudi Arabia	100%		10.4%	0.4%	10.8%
<sup>3</sup> Serbia	100%		4.6%	7.4%	12.0%
<sup>3</sup> Singapore	100%		14.1%	0.4%	14.5%
Slovak Republic	100%		1.5%	0.9%	2.4%
Slovenia	100%		1.8%	1.0%	2.8%
South Africa ☞	100%		1.6%	0.1%	1.7%
Spain	100%		1.8%	2.8%	4.6%
<sup>2</sup> Sweden	100%		1.2%	4.3%	5.5%
<sup>2</sup> Türkiye	100%		2.3%	6.7%	8.9%
United Arab Emirates	100%		1.1%	3.0%	4.1%
<sup>2</sup> United States	100%		0.0%	5.8%	5.8%
Uzbekistan	100%		1.8%	1.1%	2.9%
<b>Benchmarking Participants</b>					
<sup>3</sup> Alberta, Canada	100%		5.7%	4.9%	10.6%
<sup>2</sup> British Columbia, Canada	100%		0.9%	5.9%	6.7%
<sup>2</sup> Newfoundland & Labrador, Canada	100%		4.2%	5.6%	9.8%
Quebec, Canada	100%		3.1%	1.6%	4.7%
Moscow City, Russian Federation	100%		0.5%	3.3%	3.9%
South Africa (6) ☞	100%		1.2%	0.0%	1.2%
Abu Dhabi, UAE	100%		0.8%	1.8%	2.7%
<sup>2</sup> Dubai, UAE	100%		2.5%	7.4%	10.0%

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%).