

PIRLS 2011

## PIRLS 2011 Population Coverage and Exclusions

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Exhibit 1 summarizes population coverage and exclusions for the PIRLS 2011 (and prePIRLS) target population. National coverage of the international target population was generally comprehensive, with some exceptions. These exceptions included Georgia (assessed only students taught in Georgian), Kuwait (assessed only students in public schools), and Lithuania (assessed only students taught in Lithuanian) together with the U.S. state of Florida (students in public schools only). These participants chose a national desired population that was less than the international desired population. Since coverage was below 100 percent for these participants, the results were footnoted in the international report – *PIRLS 2011 International Results in Reading*.

Within the national target population, it was possible to exclude certain types of schools and students. For the most part, school-level exclusions consisted of schools for students with disabilities and very small or remote schools. Occasionally, schools were excluded for other reasons, as documented in [PIRLS 2011 Characteristics of National Samples](#). Within-school exclusions generally consisted of students with disabilities or students who could not be assessed in the language of the test ([PIRLS 2011 Characteristics of National Samples](#) gives more details about the exclusions for each participant in PIRLS 2011). For most participants, the overall percentage of excluded students (combining school and within-school levels) was less than 5 percent (after rounding). However, Azerbaijan, Belgium (French), Canada, Croatia, Denmark, Lithuania, Qatar, Singapore and the United States along with two of the benchmarking participants (the Canadian provinces of Alberta and Ontario) had exclusions accounting for between 5 and 10 percent of the national target population. Israel, Hong Kong, and the U.S. state of Florida had exclusions exceeding 10 percent.

Results for participants with more than 5 percent exclusions were annotated in the international report. Note that some PIRLS 2011 participants had no within-school exclusions.

**Exhibit 1: Coverage of PIRLS 2011 Target Population**

Country	International Target Population		Exclusions from National Target Population		
	Coverage	Notes on Coverage	School-level Exclusions	Within-sample Exclusions	Overall Exclusions
Australia	100%		2.1%	2.3%	4.4%
Austria	100%		1.3%	3.8%	5.1%
<sup>2 a</sup> Azerbaijan	100%		2.3%	4.9%	7.2%
<sup>2</sup> Belgium (French)	100%		3.5%	2.1%	5.6%
Bulgaria	100%		1.2%	1.3%	2.5%
<sup>2</sup> Canada	100%		4.1%	5.8%	9.9%
Chinese Taipei	100%		0.1%	1.4%	1.4%
Colombia	100%		1.2%	0.3%	1.5%
<sup>2</sup> Croatia	100%		2.9%	5.0%	7.9%
Czech Republic	100%		4.1%	0.9%	5.1%
<sup>2</sup> Denmark	100%		1.6%	5.8%	7.3%
England	100%		1.7%	0.8%	2.4%
Finland	100%		1.6%	1.5%	3.1%
France	100%		4.9%	0.3%	5.2%
<sup>1 a</sup> Georgia	92%	Students taught in Georgian	1.4%	3.5%	4.9%
Germany	100%		0.9%	1.0%	1.9%
<sup>3</sup> Hong Kong SAR	100%		9.1%	2.7%	11.8%
Hungary	100%		2.2%	2.0%	4.2%
Indonesia	100%		2.4%	0.0%	2.5%
Iran, Islamic Rep. Of	100%		4.4%	0.1%	4.5%
Ireland	100%		1.6%	0.9%	2.5%
<sup>3</sup> Israel	100%		18.5%	6.0%	24.6%
Italy	100%		0.0%	3.7%	3.7%
<sup>1 2</sup> Lithuania	93%	Students taught in Lithuanian	1.9%	3.7%	5.6%
Malta	100%		0.0%	3.6%	3.6%
Morocco	100%		2.0%	0.0%	2.0%
Netherlands	100%		3.7%	0.0%	3.7%
New Zealand	100%		1.3%	2.0%	3.3%
Northern Ireland	100%		2.6%	0.9%	3.5%
Norway	100%		0.9%	3.3%	4.2%
Oman	100%		0.8%	0.7%	1.5%
Poland	100%		2.3%	1.5%	3.8%
Portugal	100%		1.4%	1.1%	2.5%
<sup>2</sup> Qatar	100%		4.3%	1.9%	6.2%
Romania	100%		1.1%	2.9%	4.0%
Russian Federation	100%		2.9%	2.4%	5.3%
Saudi Arabia	100%		1.4%	0.2%	1.6%
<sup>2</sup> Singapore	100%		5.9%	0.4%	6.3%
Slovak Republic	100%		3.8%	0.8%	4.6%
Slovenia	100%		2.3%	0.3%	2.6%
Spain	100%		1.6%	3.7%	5.4%
Sweden	100%		1.9%	2.2%	4.1%
Trinidad and Tobago	100%		0.9%	0.0%	0.9%
United Arab Emirates	100%		1.4%	1.8%	3.3%
<sup>2</sup> United States	100%		0.0%	7.2%	7.2%

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.

a Exclusion rates for Azerbaijan and Georgia are slightly underestimated as some conflict zones were not covered and no official statistics were available.

**Exhibit 1: Coverage of PIRLS 2011 Target Population (Continued)**

Country	International Target Population		Exclusions from National Target Population		
	Coverage	Notes on Coverage	School-level Exclusions	Within-sample Exclusions	Overall Exclusions
<b>Sixth Grade Participants</b>					
Botswana	100%		0.1%	0.2%	0.3%
<sup>0</sup> Honduras	100%		3.8%	0.7%	4.5%
<sup>1</sup> Kuwait	78%	Students in public schools	0.3%	0.2%	0.5%
Morocco	100%		2.0%	0.0%	2.0%
<b>Benchmarking Participants<sup>0</sup></b>					
<sup>2</sup> Alberta, Canada	100%		1.5%	5.4%	6.8%
<sup>2</sup> Ontario, Canada	100%		1.0%	7.0%	7.9%
Quebec, Canada	100%		2.7%	1.0%	3.7%
Maltese - Malta	100%		0.0%	4.1%	4.1%
Eng/Afr (5) - RSA	100%	Students taught in Afrikaans and/or English schools	1.9%	0.0%	1.9%
Andalusia, Spain	100%		1.6%	3.5%	5.1%
Abu Dhabi, UAE	100%		1.4%	1.3%	2.7%
Dubai, UAE	100%		0.4%	4.7%	5.1%
<sup>1 3</sup> Florida, US	89%	Students in public schools	0.0%	12.9%	12.9%

<sup>0</sup> Republic of South Africa (RSA) tested 5th grade students receiving instruction in English (ENG) or Afrikaans (AFR).

**Coverage of prePIRLS 2011 Target Population**

Country	International Target Population		Exclusions from National Target Population		
	Coverage	Notes on Coverage	School-level Exclusions	Within-sample Exclusions	Overall Exclusions
Botswana	100%		0.1%	0.1%	0.2%
Colombia	100%		1.2%	0.3%	1.5%
South Africa	100%		2.1%	0.9%	3.0%

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.

a Exclusion rates for Azerbaijan and Georgia are slightly underestimated as some conflict zones were not covered and no official statistics were available.