

PIRLS 2011 PIRLS 2011 Target Population Sizes

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Exhibits 1 shows the number of schools and students in each participant's target population¹ and sample, as well as an estimate of the student population size based on the sample data. The target populations are derived from the sampling frame used to select the PIRLS 2011 sample, while the sample figures refer to the number of sampled schools and students that participated in the assessment. The sample figures were derived using sampling weights (see [Sample Design in TIMSS and PIRLS](#)). The student population size based on the sampling frame did not take into account the portion of the population excluded within schools and made no adjustment for changes in the population between the date when the information in the sampling frame was collected and the date of the PIRLS 2011 data collection—usually a 2-year interval. Nevertheless, a comparison of the two estimates of population size can be seen as a check on the sampling procedure. In most cases, the population size estimated from the sample closely matched the population size from the sampling frame.

1 After school level exclusions.

Exhibit 1: Population and Sample Sizes - PIRLS 2011

Country	Population		Sample		
	Schools	Students	Schools	Students	Student Population Size Estimated from Sample
Australia	6,585	263,139	280	6,126	257,160
Austria	3,145	82,758	158	4,670	81,438
Azerbaijan	3,940	118,162	169	4,881	109,518
Belgium (French)	1,652	50,184	127	3,727	50,969
Bulgaria	1,837	66,308	147	5,261	65,293
Canada	9,119	338,002	1,111	23,206	326,770
Chinese Taipei	2,640	274,747	150	4,293	275,522
Colombia	43,776	856,319	150	3,966	801,904
Croatia	797	44,527	152	4,587	40,199
Czech Republic	3,423	87,377	177	4,556	87,938
Denmark	1,821	66,328	232	4,594	64,072
England	15,217	586,139	129	3,927	534,105
Finland	2,505	56,676	145	4,640	57,184
France	32,117	791,613	174	4,438	778,594

Exhibit 1: Population and Sample Sizes - PIRLS 2011 (Continued)

Country	Population		Sample		
	Schools	Students	Schools	Students	Student Population Size Estimated from Sample
Georgia	1,839	41,194	173	4,796	39,699
Germany	18,691	771,977	197	4,000	751,027
Hong Kong SAR	486	55,906	132	3,875	50,222
Hungary	2,930	94,868	149	5,204	91,650
Indonesia	150,388	4,206,334	158	4,791	4,870,398
Iran, Islamic Rep. Of	39,401	1,086,140	244	5,758	1,044,384
Ireland	3,006	61,001	151	4,524	60,552
Israel	1,594	106,260	152	4,186	101,469
Italy	7,652	561,377	202	4,189	540,774
Lithuania	908	30,705	154	4,661	26,909
Malta	99	4,083	96	3,598	3,933
Morocco	17,390	602,798	284	7,805	689,407
Netherlands	6,516	193,837	138	3,995	195,007
New Zealand	1,822	57,159	192	5,644	58,634
Northern Ireland	810	23,197	136	3,586	19,858
Norway	2,353	60,598	120	3,190	59,308
Oman	570	46,248	327	10,394	45,207
Poland	12,203	350,891	150	5,005	345,641
Portugal	4,920	125,352	148	4,085	117,084
Qatar	175	13,900	166	4,120	13,946
Romania	8,467	208,025	148	4,665	217,643
Russian Federation	37,000	1,224,915	202	4,461	1,186,448
Saudi Arabia	11,394	401,006	171	4,507	412,250
Singapore	176	48,056	176	6,367	48,213
Slovak Republic	2,009	52,102	197	5,630	47,105
Slovenia	654	17,885	195	4,512	17,374
Spain	12,587	445,591	312	8,580	443,066
Sweden	3,404	92,659	152	4,622	91,832
Trinidad and Tobago	493	18,310	149	3,948	18,185
United Arab Emirates	686	60,806	458	14,618	58,819
United States	72,309	4,056,740	370	12,726	3,874,004
Sixth Grade Participants					
Botswana	781	48,897	149	4,197	42,834
Honduras	10,033	165,368	147	3,893	180,669
Kuwait	200	29,598	133	3,363	30,271
Morocco	17,390	602,798	278	7,183	597,696

Exhibit 1: Population and Sample Sizes - PIRLS 2011 (Continued)

Country	Population		Sample		
	Schools	Students	Schools	Students	Student Population Size Estimated from Sample
Benchmarking Participants					
Alberta Province, Canada	1,061	40,147	145	3,789	38,703
Ontario Province, Canada	3,735	138,849	189	4,561	130,330
Quebec Province, Canada	1,751	75,512	190	4,244	71,636
Maltese - Malta	99	4,083	95	3,548	3,936
Eng/Afr(5) - South Africa	4,732	358,410	92	3,515	324,769
Andalusia Province, Spain	2,412	90,714	149	4,333	91,433
Abu Dhabi, United Arab Emirates	273	23,659	164	4,146	22,542
Dubai, United Arab Emirates	151	15,801	138	6,061	15,855
Florida, United States	2,051	204,131	77	2,598	185,402

Population and Sample Sizes - prePIRLS 2011

Country	Population		Sample		
	Schools	Students	Schools	Students	Student Population Size Estimated from Sample
Botswana	781	48,897	149	4,393	46,449
Colombia	43,776	856,319	150	3,964	802,318
South Africa	15,339	962,209	341	15,744	906,220