

Exhibit 5.4: Population and Sample Sizes – PIRLS 2016

Country	Population		Sample		
	Schools	Students	Schools	Students	Student Population Size Estimated from Sample
Australia	6,530	275,099	286	6,341	287,196
Austria	3,020	81,005	150	4,360	81,450
Azerbaijan	3,709	122,286	170	5,994	128,877
Bahrain	183	17,769	182	5,480	17,493
Belgium (Flemish)	2,421	70,315	148	5,198	70,366
Belgium (French)	1,662	50,813	158	4,623	53,772
Bulgaria	1,752	62,074	153	4,281	60,411
Canada	9,377	344,011	926	18,245	342,617
Chile	6,012	228,629	154	4,294	230,972
Chinese Taipei	2,667	201,779	150	4,326	199,501
Czech Republic	3,440	102,460	157	5,537	99,938
Denmark	1,649	66,075	185	3,508	60,829
Egypt	16,401	1,610,893	160	6,957	1,543,299
England	14,946	597,669	170	5,095	588,313
Finland	2,237	58,254	151	4,896	55,611
France	31,577	776,184	163	4,767	787,106
Georgia	1,989	43,331	200	5,741	43,214
Germany	17,901	719,596	208	3,959	684,064
Hong Kong SAR	507	47,404	138	3,349	50,804
Hungary	2,796	91,826	149	4,623	90,647
Iran, Islamic Rep. of (Combined)	36,817	1,120,197	271	8,766	1,202,181
Literacy	36,817	1,120,197	271	4,381	1,202,181
PIRLS	36,817	1,120,197	271	4,385	1,202,181
Ireland	2,719	62,807	148	4,607	62,101
Israel	1,696	110,408	159	4,041	108,461
Italy	6,940	565,199	149	3,940	544,538
Kazakhstan	6,066	258,530	172	4,925	253,209
Kuwait	375	48,346	177	4,609	47,299
Latvia	649	18,515	150	4,157	18,478
Lithuania	827	25,969	195	4,317	25,062
Macao SAR	57	4,217	57	4,059	4,244
Malta	97	4,055	95	3,647	4,057

Exhibit 5.4: Population and Sample Sizes – PIRLS 2016 (Continued)

Country	Population		Sample		
	Schools	Students	Schools	Students	Student Population Size Estimated from Sample
Morocco (Combined)	19,216	649,390	360	10,942	664,737
Literacy	19,216	649,390	360	5,453	664,737
PIRLS	19,216	649,390	360	5,489	664,737
Netherlands	6,361	179,849	132	4,206	168,482
New Zealand	1,813	57,715	188	5,646	58,169
Northern Ireland	765	21,908	134	3,693	22,306
Norway (5)	1,991	59,159	150	4,232	58,583
Oman	662	54,975	306	9,234	52,512
Poland	11,473	368,742	148	4,413	333,001
Portugal	1,228	101,911	218	4,642	99,852
Qatar	208	19,690	216	9,077	19,791
Russian Federation	33,639	1,322,675	206	4,577	1,342,153
Saudi Arabia	11,708	438,538	202	4,741	433,654
Singapore	177	39,143	177	6,488	39,355
Slovak Republic	1,991	50,300	220	5,451	47,901
Slovenia	729	18,207	160	4,499	19,659
South Africa	16,896	944,645	293	12,810	983,873
Spain	12,730	473,955	629	14,595	472,876
Sweden	3,289	104,640	154	4,525	109,181
Trinidad and Tobago	511	18,956	151	4,177	18,333
United Arab Emirates	721	75,340	468	16,471	76,604
United States	69,235	3,989,251	158	4,425	3,752,434
Benchmarking Participants					
Buenos Aires, Argentina	876	38,886	150	4,382	41,023
Ontario, Canada	3,626	140,193	188	4,270	136,781
Quebec, Canada	1,726	75,398	127	3,179	74,775
Denmark (3)	1,649	66,075	186	3,600	62,709
Norway (4)	2,018	59,646	154	4,354	60,180
Moscow City, Russian Fed.	740	87,790	150	4,289	89,266
Eng/Afr/Zulu - RSA (5)	8,781	525,074	125	5,282	483,437
Andalusia, Spain	2,443	97,000	150	4,169	97,750
Madrid, Spain	1,293	66,613	168	3,794	65,346
Abu Dhabi, UAE	278	26,871	151	4,188	27,825
Dubai, UAE	161	20,920	174	7,859	21,867