

**Exhibit 12.12: PIRLS 2016 and ePIRLS 2016 Sample Sizes**

Country	PIRLS Sample Size	ePIRLS Sample Size	Percentage Overlap	ePIRLS Students not in PIRLS	Percentage not in PIRLS
Canada	18,245	8,871	48.6	261	2.9
Chinese Taipei	4,326	4,299	99.4	32	0.7
Denmark	3,508	2,506	71.4	120	4.6
Georgia	5,741	5,557	96.8	100	1.8
Ireland	4,607	2,473	53.7	82	3.2
Israel	4,041	3,798	94.0	135	3.4
Italy	3,940	3,767	95.6	95	2.5
Norway (5)	4,232	3,610	85.3	104	2.8
Portugal	4,642	4,558	98.2	78	1.7
Singapore	6,488	6,320	97.4	100	1.6
Slovenia	4,499	4,303	95.6	67	1.5
Sweden	4,525	3,879	85.7	109	2.7
United Arab Emirates	16,471	15,566	94.5	441	2.8
United States	4,425	4,090	92.4	16	0.4
<b>Total</b>	<b>89,690</b>	<b>73,597</b>	<b>82.1</b>	<b>1,740</b>	<b>1.9</b>
<b>Benchmarking Participants</b>					
Abu Dhabi, UAE	4,188	3,980	95.0	86	2.1
Dubai, UAE	7,859	7,471	95.1	155	2.0