

Exhibit 13.6: TIMSS 2015 Sample Sizes for Scaling the Fourth Grade Data

Country	Concurrent Calibration		Proficiency Estimation	
	2015	2011	2015	2011
Australia	6,057	6,146	6,057	6,146
Bahrain	4,146	4,083	4,146	4,083
Belgium (Flemish)	5,404	4,849	5,404	4,849
Bulgaria	—	—	4,228	—
Canada	—	—	12,283	—
Chile	4,756	5,585	4,756	5,585
Chinese Taipei	4,291	4,284	4,291	4,284
Croatia	3,985	4,584	3,985	4,584
Cyprus	—	—	4,125	—
Czech Republic	5,202	4,578	5,202	4,578
Denmark	3,710	3,987	3,710	3,987
England	4,006	3,397	4,006	3,397
Finland	5,015	4,638	5,015	4,638
France	—	—	4,873	—
Georgia	3,919	4,799	3,919	4,799
Germany	3,948	3,995	3,948	3,995
Hong Kong SAR	3,600	3,957	3,600	3,957
Hungary	5,036	5,204	5,036	5,204
Indonesia	—	—	4,025	—
Iran, Islamic Rep. of	3,823	5,760	3,823	5,760
Ireland	4,344	4,560	4,344	4,560
Italy	4,373	4,200	4,373	4,200
Japan	4,383	4,411	4,383	4,411
Kazakhstan	4,702	4,382	4,702	4,382
Korea, Rep. of	4,669	4,334	4,669	4,334
Kuwait	2,397	4,142	3,593	4,142
Lithuania	2,837	4,688	4,529	4,688
Morocco	5,068	7,841	5,068	7,841
Netherlands	4,515	3,229	4,515	3,229
New Zealand	6,322	5,572	6,322	5,572

Exhibit 13.6 TIMSS 2015 Sample Sizes for Scaling the Fourth Grade Data (Continued)

Country	Concurrent Calibration		Proficiency Estimation	
	2015	2011	2015	2011
Northern Ireland	3,116	3,571	3,116	3,571
Norway (5)	—	—	4,329	—
Oman	9,105	10,411	9,105	10,411
Poland	—	—	4,747	—
Portugal	4,693	4,042	4,693	4,042
Qatar	5,194	4,117	5,194	4,117
Russian Federation	4,921	4,467	4,921	4,467
Saudi Arabia	4,337	4,515	4,337	4,515
Serbia	4,036	4,379	4,036	4,379
Singapore	6,517	6,368	6,517	6,368
Slovak Republic	5,773	5,616	5,773	5,616
Slovenia	4,445	4,492	4,445	4,492
Spain	7,764	4,183	7,764	4,183
Sweden	4,142	4,663	4,142	4,663
Turkey	6,456	7,479	6,456	7,479
United Arab Emirates	21,177	14,720	21,177	14,720
United States	10,029	12,569	10,029	12,569
Benchmarking Participants				
Buenos Aires, Argentina	—	—	3,104	—
Ontario, Canada	—	—	4,574	—
Quebec, Canada	—	—	2,798	—
Norway (4)	4,164	3,121	4,164	3,121
Abu Dhabi, UAE	—	—	5,001	—
Dubai, UAE	—	—	7,453	—
Florida, US	—	—	2,025	—
Total	216,377	215,918	288,305	215,918