

Exhibit 5.5: Population and Sample Sizes – TIMSS 2015 – Fourth Grade

Country	Population		Sample		
	Schools	Students	Schools	Students	Student Population Size Estimated From Sample
Australia	6,521	266,439	287	6,057	279,017
Bahrain (Combined)	182	17,585	182	8,575	17,060
Numeracy	182	17,585	182	4,429	17,060
TIMSS	182	17,585	182	4,146	17,060
Belgium (Flemish)	2,428	68,710	153	5,404	70,742
Bulgaria	1,746	60,944	149	4,228	60,747
Canada	9,668	274,226	441	12,283	282,798
Chile	6,034	230,143	179	4,756	224,998
Chinese Taipei	2,665	208,837	150	4,291	206,440
Croatia	1,677	39,944	163	3,985	38,857
Cyprus	273	8,254	148	4,125	8,096
Czech Republic	3,315	90,924	159	5,202	91,936
Denmark	1,716	64,407	193	3,710	62,667
England	15,226	593,519	147	4,006	586,515
Finland	2,327	57,292	158	5,015	58,038
France	31,577	776,184	164	4,873	749,763
Georgia	1,867	45,262	153	3,919	44,177
Germany	17,901	719,596	204	3,948	690,264
Hong Kong SAR	556	50,321	132	3,600	53,297
Hungary	2,913	91,463	144	5,036	87,402
Indonesia (Combined)	163,956	4,581,758	230	8,319	4,650,483
Numeracy	163,956	4,581,758	230	4,294	4,650,483
TIMSS	163,956	4,581,758	230	4,025	4,650,483
Iran, Islamic Rep. of (Combined)	36,817	1,120,197	248	7,928	1,100,939
Numeracy	36,817	1,120,197	248	4,105	1,100,939
TIMSS	36,817	1,120,197	248	3,823	1,100,939
Ireland	2,615	63,188	149	4,344	60,649
Italy	6,776	538,762	164	4,373	533,803
Japan	19,247	1,072,994	148	4,383	1,086,905
Jordan	3,108	145,847	254	7,861	149,855
Kazakhstan	6,149	248,263	171	4,702	254,335
Korea, Rep. of	5,366	468,264	149	4,669	433,071
Kuwait (Combined)	375	48,346	166	7,296	49,926
Numeracy	375	48,346	166	3,703	49,926
TIMSS	375	48,346	166	3,593	49,926
Lithuania	843	26,375	225	4,529	25,271

Exhibit 5.5: Population and Sample Sizes – TIMSS 2015 – Fourth Grade (Continued)

Country	Population		Sample		
	Schools	Students	Schools	Students	Student Population Size Estimated From Sample
Morocco (Combined)	19,016	654,179	358	10,428	616,709
Numeracy	19,016	654,179	358	5,360	616,709
TIMSS	19,016	654,179	358	5,068	616,709
Netherlands	6,361	179,849	129	4,515	173,514
New Zealand	1,706	54,981	174	6,322	55,399
Northern Ireland	765	21,908	118	3,116	21,901
Norway (5)	2,096	57,969	140	4,329	62,765
Oman	669	55,181	300	9,105	55,015
Poland	11,473	368,742	150	4,747	371,667
Portugal	1,228	101,911	217	4,693	98,922
Qatar	193	17,058	211	5,194	19,332
Russian Federation	34,223	1,323,268	208	4,921	1,487,552
Saudi Arabia	11,999	417,369	189	4,337	425,052
Serbia	2,128	69,012	160	4,036	68,773
Singapore	179	38,907	179	6,517	38,900
Slovak Republic	2,008	50,328	198	5,773	48,639
Slovenia	445	18,106	148	4,445	18,116
South Africa (5)	16,194	924,392	297	10,932	879,295
Spain	12,721	472,772	358	7,764	450,806
Sweden	3,318	100,313	144	4,142	106,407
Turkey	21,154	1,189,025	242	6,456	1,125,123
United Arab Emirates	696	74,930	558	21,177	73,524
United States	70,852	4,090,015	250	10,029	4,030,600
Benchmarking Participants					
Buenos Aires, Argentina (Combined)	875	38,808	136	6,435	40,944
Numeracy	875	38,808	136	3,331	40,944
TIMSS	875	38,808	136	3,104	40,944
Ontario, Canada	3,632	138,410	151	4,574	136,030
Quebec, Canada	1,711	75,049	121	2,798	73,815
Norway (4)	2,092	59,991	139	4,164	61,621
Abu Dhabi, UAE	274	28,732	163	5,001	25,666
Dubai, UAE	150	18,999	168	7,453	20,478
Florida, US	2,185	204,187	53	2,025	182,105