

Appendix B.4: Student Sample Sizes

Country	Within-School Student Participation (Weighted Percentage)	Number of Students Sampled in Participating Schools	Number of Students Withdrawn from Class/School	Number of Students Excluded	Number of Students Eligible	Number of Students Absent	Number of Students Assessed
Albania	99%	4,548	31	25	4,492	66	4,426
Armenia	97%	5,612	32	0	5,580	181	5,399
Australia	94%	6,517	110	128	6,279	389	5,890
Austria	97%	4,901	33	256	4,612	148	4,464
Azerbaijan	95%	5,600	17	19	5,564	319	5,245
Bahrain	98%	5,903	25	22	5,856	94	5,762
Belgium (Flemish)	93%	5,113	26	114	4,973	318	4,655
Bosnia and Herzegovina	96%	6,048	61	74	5,913	285	5,628
Bulgaria	95%	4,632	70	88	4,474	206	4,268
Canada	95%	15,164	199	429	14,536	883	13,653
Chile	96%	4,578	77	112	4,389	215	4,174
Chinese Taipei	99%	3,958	65	65	3,828	63	3,765
Croatia	91%	4,395	8	148	4,239	454	3,785
Cyprus	97%	4,353	14	150	4,189	127	4,062
Czech Republic	96%	5,054	48	53	4,953	261	4,692
Denmark	87%	3,881	67	48	3,766	539	3,227
England	96%	3,759	78	127	3,554	158	3,396
Finland	97%	4,987	37	45	4,905	175	4,730
France	98%	4,456	35	104	4,317	131	4,186
Georgia	97%	4,019	28	83	3,908	121	3,787
Germany	97%	3,706	51	89	3,566	129	3,437
Hong Kong SAR	90%	3,461	18	101	3,342	374	2,968
Hungary	97%	4,867	34	89	4,744	173	4,571
Iran, Islamic Rep. of	99%	6,194	46	76	6,072	62	6,010
Ireland	91%	5,126	22	52	5,052	470	4,582
Italy	97%	4,109	22	199	3,888	147	3,741
Japan	97%	4,358	15	34	4,309	113	4,196
Kazakhstan	99%	4,932	37	38	4,857	66	4,791
Korea, Rep. of	98%	4,105	50	63	3,992	99	3,893
Kosovo	97%	4,757	43	95	4,619	123	4,496
Kuwait	96%	4,731	83	14	4,634	197	4,437
Latvia	94%	4,886	15	68	4,803	322	4,481
Lithuania	94%	4,198	12	186	4,000	259	3,741
Malta	96%	3,914	17	115	3,782	152	3,630
Montenegro	98%	5,248	49	37	5,162	86	5,076
Morocco	99%	8,051	217	0	7,834	111	7,723
Netherlands	97%	3,562	69	27	3,466	111	3,355
New Zealand	94%	5,611	100	164	5,347	328	5,019
North Macedonia	95%	3,531	32	44	3,455	185	3,270
Northern Ireland	91%	3,877	21	23	3,833	336	3,497
Norway (5)	94%	4,410	27	149	4,234	283	3,951
Oman	98%	7,079	94	57	6,928	114	6,814
Pakistan	98%	4,453	315	0	4,138	158	3,980
Philippines	98%	5,693	89	0	5,604	89	5,515
Poland	93%	5,427	44	100	5,283	401	4,882
Portugal	94%	5,015	35	366	4,614	314	4,300
Qatar	97%	5,251	127	60	5,064	131	4,933
Russian Federation	98%	4,282	8	144	4,130	108	4,022
Saudi Arabia	99%	5,585	23	25	5,537	84	5,453
Serbia	97%	4,667	53	93	4,521	141	4,380
Singapore	97%	6,209	22	0	6,187	201	5,986
Slovak Republic	97%	4,477	26	24	4,427	180	4,247
South Africa (5)	98%	12,289	107	0	12,182	291	11,891
Spain	95%	10,497	48	421	10,028	473	9,555
Sweden	95%	4,407	31	160	4,216	251	3,965
Turkey (5)	99%	4,554	142	319	4,093	65	4,028
United Arab Emirates	96%	28,029	414	564	27,051	1,217	25,834
United States	96%	9,955	152	601	9,202	426	8,776
Benchmarking Participants							
Ontario, Canada	95%	4,251	83	95	4,073	243	3,830
Quebec, Canada	96%	4,047	9	37	4,001	164	3,837
Moscow City, Russian Fed.	98%	3,992	11	35	3,946	103	3,843
Madrid, Spain	96%	3,666	17	123	3,526	136	3,390
Abu Dhabi, UAE	95%	9,822	38	239	9,545	508	9,037
Dubai, UAE	97%	8,125	362	213	7,550	285	7,265

Students attending a sampled class at the time the sample was chosen but leaving the class before the assessment was administered were classified as "withdrawn."

Students with a disability or language barrier that prevented them from participating in the assessment were classified as "excluded."

Students not present when the assessment was administered, and not subsequently assessed in a make-up session, were classified as "absent."