Appendix 4A: Summary Statistics and Standard Errors for Proficiency in Mathematics at the Fourth Grade

Summary Statistics and Standard Errors for Proficiency in Overall Mathematics at the Fourth Grade

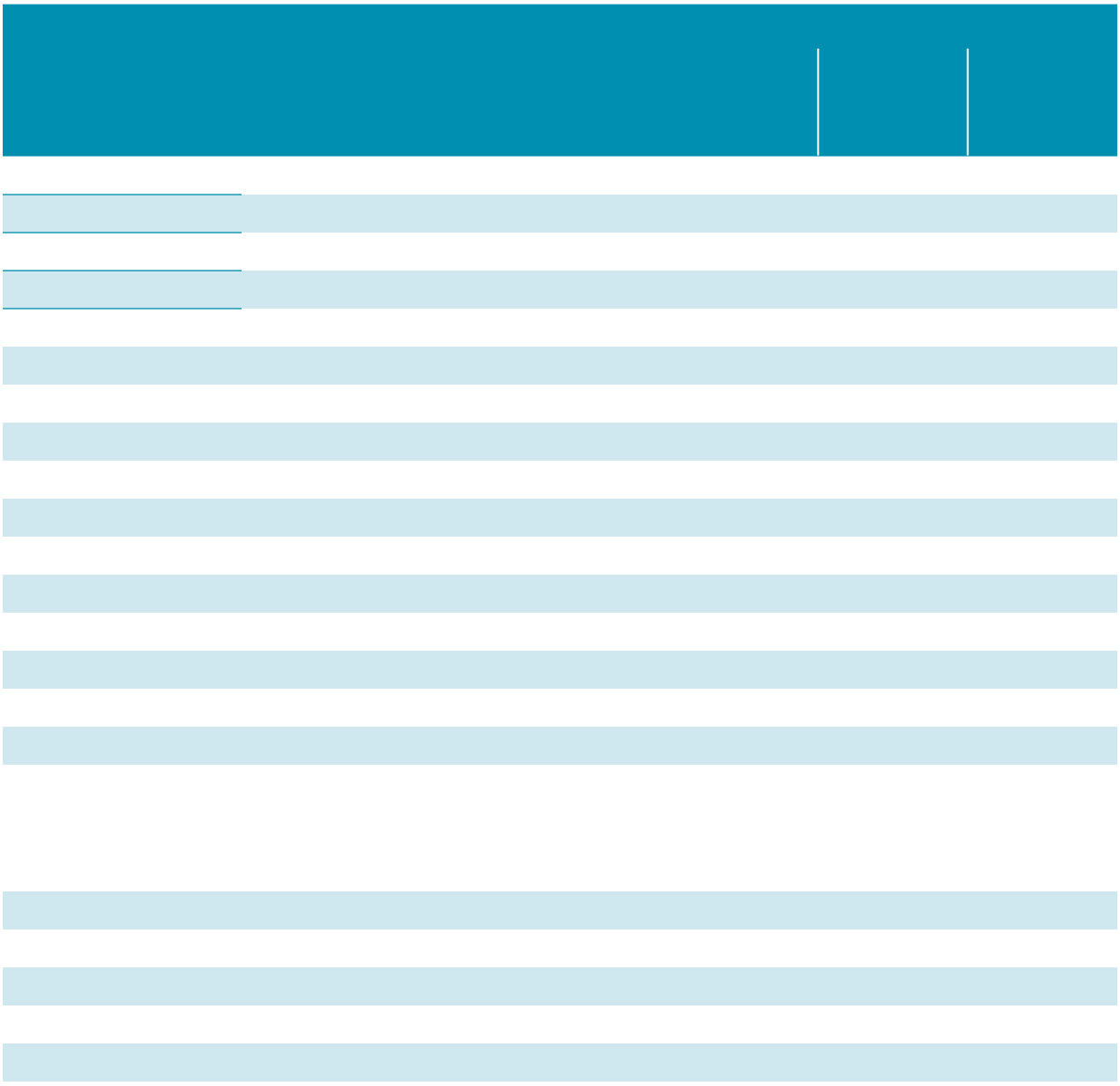
Country	Sample Size	Overall Mathematics				
		Mean Proficiency	Jackknife			

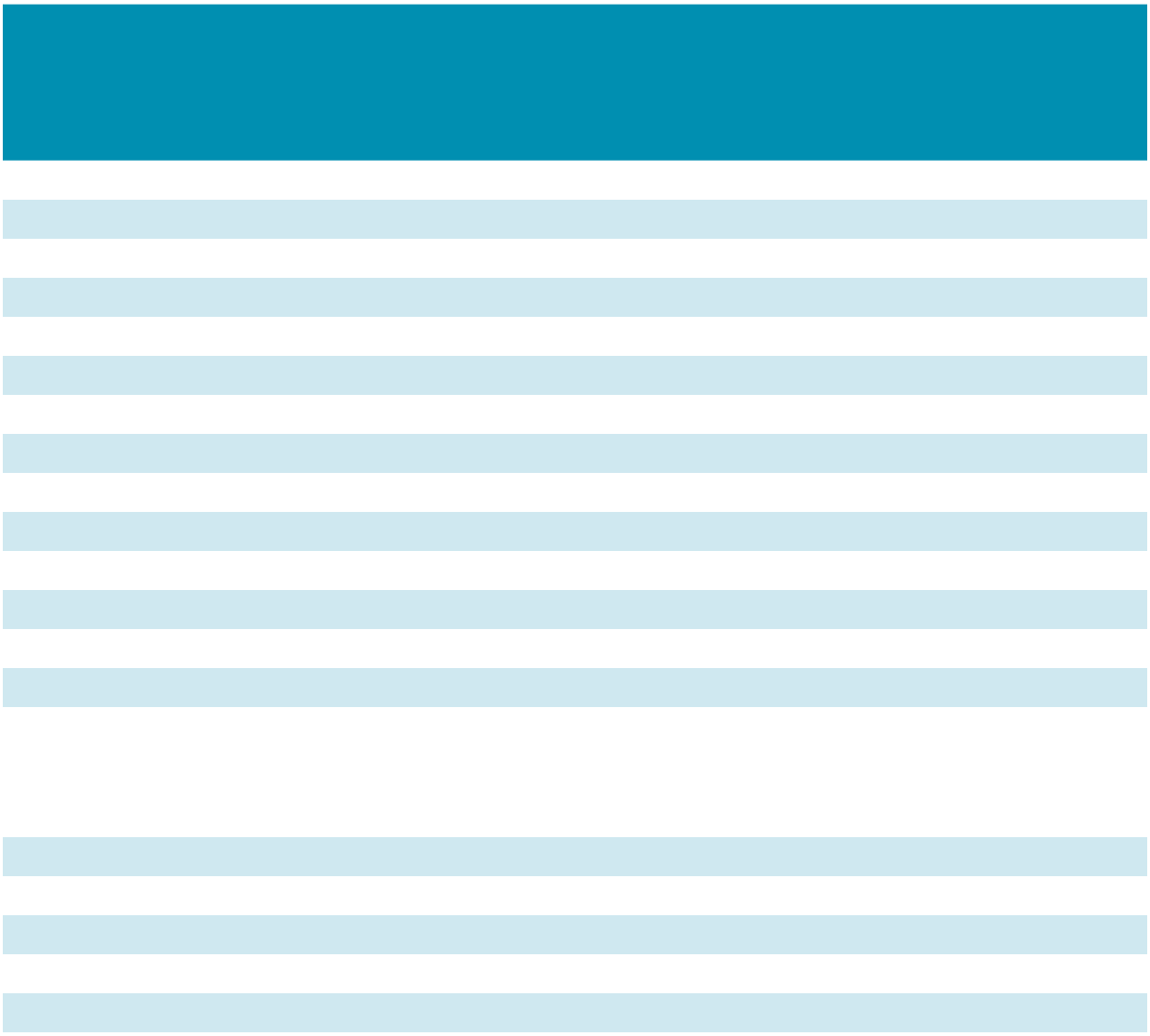
Summary Statistics and Standard Errors for Proficiency in Number at the Fourth Grade

Country	Sample Size	Number				
		Mean Proficiency	Jackknife Sampling Variance	Imputation Variance	Total Variance	Overall Standard Error
Australia	6057	508.851	9.611	0.280	9.891	3.145
Bahrain	8575					

Summary Statistics and Standard Errors for Proficiency in Geometric Shapes and Measures at the Fourth Grade

Country	Sample Size	Geometric Shapes and Measures				
		Mean Proficiency	Jackknife Sampling Variance			





Country	Sample Size	Mathematics Knowing				
		Mean Proficiency	Jackknife Sampling Variance	Imputation Variance	Total Variance	Overall Standard Error
Norway (5)	4329	544.223	6.697	3.186	9.883	3.144
Oman	9105	422.256	6.603	0.841	7.444	2.728
Poland	4747	517.038	4.728	1.126	5.854	2.420
Portugal	4693	547.529	4.729	2.218	6.947	2.636
Qatar	5194	444.125	11.168	0.505	11.674	3.417
Russian Federation	4921	556.499	11.114	0.147	11.260	3.356
Saudi Arabia	4337	373.832	18.404	3.132	21.536	4.641
Serbia	4036	512.730	11.119	1.420	12.539	3.541
Singapore	6517	630.511	14.853	0.890	15.743	3.968
Slovak Republic	5773	490.692	4.757	0.986	5.743	2.396
Slovenia	4445	516.905	3.155	0.368	3.523	1.877
South Africa (5)	10932	377.569	12.337	0.742	13.079	3.616
Spain	7764	505.316	5.401	0.415	5.816	2.412
Sweden	4142	500.810	8.540	2.889	11.428	3.381
Turkey	6456	491.406	10.251	1.328	11.579	3.403
United Arab Emirates	21177	453.023	6.291	1.258	7.549	2.747
United States	10029	547.462	5.009	0.312	5.321	2.307
Benchmarking Participants						
Buenos Aires, Argentina	6435	432.045	7.197	1.144	8.341	2.888
Ontario, Canada	4574	504.923	5.806	0.374	6.180	2.486
Quebec, Canada	2798	541.835	15.931	2.815	18.746	4.330
Norway (4)	4164	479.479	5.992	0.672	6.664	2.582
Abu Dhabi, UAE	5001	417.859	23.227	2.361	25.587	5.058
Dubai, UAE	7453	513.624	2.636	1.172	3.807	1.951
Florida, US	2025					