Exhibit A.4: Student Sample Sizes



Grades 4–5 Country											
	Students Sampled in Participating Schools	Students Withdrawn from Class/ School	Students Excluded	Students Eligible	Students Absent		Students Inaccessible	Students Assessed		Overall Total Students	
					2023	2024	in 2024 (Attrition)	2023	2024	Assessed (2023 or 2024)*	
Georgia	4,688	37	115	4,536	125	425	250	4,411	3,861	4,491	
Italy	4,970	14	307	4,649	196	222	86	4,453	4,341	4,610	
Jordan	6,500	267	22	6,211	146	297	668	6,065	5,246	6,172	
Korea, Rep. of	4,719	85	88	4,546	191	618	219	4,355	3,709	4,507	
Kosovo	5,028	71	126	4,831	222	341	166	4,609	4,324	4,747	
Montenegro	4,839	18	170	4,651	234	288	71	4,417	4,292	4,559	
North Macedonia	5,261	165	97	4,999	366	508	162	4,633	4,361	4,866	
Slovenia	5,312	16	144	5,152	406	696	83	4,746	4,373	5,015	
Sweden	5,743	60	243	5,440	301	490	302	5,139	4,648	5,358	

Crades 9 0										
Grades 8–9 Country	Students Sampled in Participating Schools	Students Withdrawn from Class/ School	Students Excluded	Students Eligible	Students Absent		Students Inaccessible	Students Assessed		Overall Total Students
					2023	2024	in 2024 (Attrition)	2023	2024	Assessed (2023 or 2024)*
Jordan	7,571	442	28	7,101	139	470	621	6,962	6,010	7,051
Korea, Rep. of	4,586	50	64	4,472	215	332	144	4,257	3,996	4,410
Sweden	5,900	48	246	5,606	524	881	148	5,082	4,577	5,303

Students attending a sampled class at the time the sample was chosen but leaving the class before the 2023 assessment was administered were classified as "withdrawn."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."

 $SOURCE: IEA's \ Trends \ in \ International \ Mathematics \ and \ Science \ Study - TIMSS \ 2023 \ Longitudinal \ Downloaded \ from: \ https://timss2023.org/longitudinal/results$



^{*} Includes students assessed at least at one of the two time points.