

Exhibit A.2: Coverage of TIMSS 2023 Longitudinal Target Population

| Grades 4–5                      |          |                             |  |                          |                    |
|---------------------------------|----------|-----------------------------|--|--------------------------|--------------------|
| International Target Population |          |                             | Exclusions from National Target Population |                          |                    |
| Country                         | Coverage | Notes on Coverage           | School-Level Exclusions                    | Within-Sample Exclusions | Overall Exclusions |
| <sup>1</sup> Georgia            | 93%      | Students taught in Georgian | 1.2%                                       | 2.3%                     | 3.5%               |
| <sup>2</sup> Italy              | 100%     |                             | 0.9%                                       | 6.1%                     | 7.0%               |
| Jordan                          | 100%     |                             | 0.0%                                       | 0.3%                     | 0.3%               |
| Korea, Rep. of                  | 100%     |                             | 1.2%                                       | 2.2%                     | 3.4%               |
| <sup>2</sup> Kosovo             | 100%     |                             | 4.7%                                       | 3.4%                     | 8.1%               |
| <sup>2</sup> Montenegro         | 100%     |                             | 2.1%                                       | 6.6%                     | 8.7%               |
| North Macedonia                 | 100%     |                             | 1.5%                                       | 2.0%                     | 3.5%               |
| Slovenia                        | 100%     |                             | 2.3%                                       | 2.8%                     | 5.1%               |
| <sup>2</sup> Sweden             | 100%     |                             | 1.6%                                       | 4.7%                     | 6.2%               |

| Grades 8–9                      |          |                   |  |                          |                    |
|---------------------------------|----------|-------------------|--|--------------------------|--------------------|
| International Target Population |          |                   | Exclusions from National Target Population |                          |                    |
| Country                         | Coverage | Notes on Coverage | School-Level Exclusions                    | Within-Sample Exclusions | Overall Exclusions |
| Jordan                          | 100%     |                   | 0.0%                                       | 0.3%                     | 0.3%               |
| Korea, Rep. of                  | 100%     |                   | 1.7%                                       | 1.4%                     | 3.1%               |
| <sup>2</sup> Sweden             | 100%     |                   | 1.6%                                       | 4.8%                     | 6.4%               |

- 1 National Target Population does not include all of the International Target Population.
- 2 National Defined Population covers 90% to 95% of National Target Population.
- 3 National Defined Population covers less than 90% of National Target Population (but at least 74%).