

## Appendix MC.4: Student Sample Sizes - Advanced Mathematics

| Country                 | Within-School Student Participation (Weighted Percentage) | Number of Sampled Students in Participating Schools | Number of Students Withdrawn from Class/School | Number of Students Excluded | Number of Eligible Students | Number of Students Absent | Number of Students Assessed |
|-------------------------|-----------------------------------------------------------|-----------------------------------------------------|------------------------------------------------|-----------------------------|-----------------------------|---------------------------|-----------------------------|
| France                  | 96%                                                       | 4,310                                               | 41                                             | 7                           | 4,262                       | 295                       | 3,967                       |
| Italy                   | 97%                                                       | 3,547                                               | 28                                             | 30                          | 3,489                       | 171                       | 3,318                       |
| Lebanon                 | 98%                                                       | 1,222                                               | 0                                              | 0                           | 1,222                       | 61                        | 1,161                       |
| Norway                  | 93%                                                       | 2,756                                               | 31                                             | 1                           | 2,724                       | 187                       | 2,537                       |
| Portugal                | 93%                                                       | 4,581                                               | 109                                            | 15                          | 4,457                       | 389                       | 4,068                       |
| Russian Federation      | 98%                                                       | 7,758                                               | 2                                              | 12                          | 7,744                       | 186                       | 7,558                       |
| Russian Federation 6hr+ | 98%                                                       | 3,530                                               | 0                                              | 3                           | 3,527                       | 96                        | 3,431                       |
| Slovenia                | 87%                                                       | 3,360                                               | 1                                              | 42                          | 3,317                       | 395                       | 2,922                       |
| Sweden                  | 90%                                                       | 4,450                                               | 85                                             | 2                           | 4,363                       | 426                       | 3,937                       |
| United States           | 87%                                                       | 3,488                                               | 57                                             | 2                           | 3,429                       | 475                       | 2,954                       |

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."

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS Advanced 2015



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