

Appendix C

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Exhibit C.2 Participation Rates (Weighted)

MATHEMATICS
Grade 4

| Countries | School Participation | | Class Participation | Student Participation | Overall Participation | |
|----------------------------------|----------------------|-------------------|---------------------|-----------------------|-----------------------|-------------------|
| | Before Replacement | After Replacement | | | Before Replacement | After Replacement |
| Armenia | 99% | 99% | 100% | 91% | 90% | 90% |
| Australia | 78% | 90% | 100% | 94% | 73% | 85% |
| Belgium (Flemish) | 89% | 99% | 100% | 98% | 87% | 97% |
| Chinese Taipei | 100% | 100% | 100% | 99% | 99% | 99% |
| Cyprus | 100% | 100% | 100% | 97% | 97% | 97% |
| England | 54% | 82% | 100% | 93% | 50% | 76% |
| Hong Kong, SAR | 77% | 88% | 99% | 95% | 73% | 83% |
| Hungary | 98% | 99% | 100% | 94% | 92% | 93% |
| Iran, Islamic Rep. of | 100% | 100% | 100% | 98% | 98% | 98% |
| Italy | 97% | 100% | 100% | 97% | 93% | 97% |
| Japan | 100% | 100% | 100% | 97% | 97% | 97% |
| Latvia | 91% | 94% | 100% | 94% | 85% | 88% |
| Lithuania | 92% | 96% | 99% | 92% | 84% | 87% |
| Moldova, Rep. of | 97% | 100% | 100% | 97% | 94% | 97% |
| Morocco | 87% | 87% | 100% | 93% | 81% | 81% |
| Netherlands | 52% | 87% | 100% | 96% | 50% | 84% |
| New Zealand | 87% | 98% | 100% | 95% | 82% | 93% |
| Norway | 89% | 93% | 100% | 95% | 85% | 88% |
| Philippines | 78% | 85% | 100% | 95% | 75% | 81% |
| Russian Federation | 99% | 100% | 100% | 97% | 96% | 97% |
| Scotland | 64% | 83% | 100% | 92% | 59% | 77% |
| Singapore | 100% | 100% | 100% | 98% | 98% | 98% |
| Slovenia | 95% | 99% | 100% | 92% | 87% | 91% |
| Tunisia | 100% | 100% | 100% | 99% | 99% | 99% |
| United States | 70% | 82% | 99% | 95% | 66% | 78% |
| Yemen | 100% | 100% | 100% | 93% | 93% | 93% |
| Benchmarking Participants | | | | | | |
| Indiana State, US | 100% | 100% | 100% | 98% | 98% | 98% |
| Ontario Province, Can. | 89% | 94% | 100% | 96% | 85% | 90% |
| Quebec Province, Can. | 99% | 100% | 100% | 91% | 90% | 91% |

SOURCE: IEA's Trends in International Mathematics and Science Study (TIMSS) 2003