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TIMSS \& PIRLS
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| paperTIMSS | Overall <br> Science |  |  |  | (Continued) |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Science Content Domains |  |  | Science Cognitive Domains |  |  |
| Country |  | Life Science | Physical Science | Earth <br> Science | Knowing | Applying | Reasoning |
| Albania | 47 (0.7) | 45 (0.6) | 50 (0.7) | 44 (0.9) | 51 (0.7) | 46 (0.7) | 39 (0.8) |
| Armenia | 41 (0.6) | 42 (0.6) | 41 (0.7) | 38 (0.7) | 45 (0.6) | 39 (0.6) | 38 (0.7) |
| Australia | 55 (0.5) | 55 (0.6) | 56 (0.6) | 54 (0.6) | 59 (0.6) | 54 (0.6) | 50 (0.6) |
| Azerbaijan | 36 (0.5) | 34 (0.5) | 39 (0.6) | 35 (0.5) | 39 (0.5) | 35 (0.6) | 31 (0.5) |
| Bahrain | 48 (0.6) | 47 (0.6) | 51 (0.6) | 44 (0.6) | 52 (0.6) | 48 (0.7) | 38 (0.7) |
| Belgium (Flemish) | 48 (0.4) | 46 (0.4) | 51 (0.5) | 46 (0.5) | 49 (0.5) | 48 (0.5) | 44 (0.5) |
| Bosnia and Herzegovina | 40 (0.5) | 41 (0.5) | 41 (0.6) | 35 (0.6) | 42 (0.5) | 40 (0.6) | 34 (0.6) |
| Bulgaria | 54 (1.0) | 54 (1.0) | 56 (1.1) | 51 (0.9) | 58 (0.9) | 55 (1.0) | 45 (1.0) |
| Cyprus | 50 (0.6) | 50 (0.7) | 53 (0.7) | 47 (0.6) | 52 (0.7) | 53 (0.6) | 43 (0.7) |
| Iran, Islamic Rep. of | 38 (0.7) | 35 (0.7) | 44 (0.8) | 36 (0.7) | 42 (0.7) | 38 (0.7) | 31 (0.6) |
| Ireland | 54 (0.7) | 53 (0.7) | 55 (0.6) | 55 (0.8) | 58 (0.7) | 54 (0.7) | 47 (0.7) |
| Japan | 61 (0.4) | 57 (0.4) | 68 (0.4) | 60 (0.5) | 58 (0.4) | 66 (0.4) | 60 (0.5) |
| Kazakhstan | 47 (0.6) | 44 (0.6) | 52 (0.7) | 44 (0.8) | 49 (0.6) | 47 (0.7) | 41 (0.7) |
| Kosovo | 33 (0.5) | 31 (0.6) | 36 (0.6) | 32 (0.5) | 39 (0.6) | 31 (0.5) | 26 (0.5) |
| Kuwait | 33 (0.9) | 32 (0.9) | 35 (0.9) | 32 (1.0) | 38 (1.0) | 32 (0.9) | 25 (0.8) |
| Latvia | 57 (0.5) | 54 (0.5) | 62 (0.6) | 55 (0.8) | 59 (0.5) | 58 (0.6) | 52 (0.7) |
| Montenegro | 39 (0.4) | 40 (0.4) | 40 (0.4) | 34 (0.5) | 42 (0.3) | 40 (0.5) | 32 (0.4) |
| \% Morocco | 30 (0.8) | 29 (0.7) | 32 (0.9) | 29 (0.9) | 33 (0.8) | 30 (0.9) | 24 (0.7) |
| New Zealand | 49 (0.4) | 49 (0.5) | 49 (0.5) | 48 (0.5) | 52 (0.4) | 48 (0.5) | 43 (0.5) |
| North Macedonia | 36 (1.0) | 34 (0.9) | 40 (1.2) | 33 (1.0) | 39 (1.0) | 35 (1.0) | 30 (0.9) |
| Northern Ireland | 52 (0.4) | 51 (0.5) | 53 (0.5) | 52 (0.5) | 56 (0.4) | 51 (0.5) | 45 (0.6) |
| Oman | 39 (0.7) | 38 (0.7) | 42 (0.8) | 36 (0.7) | 42 (0.7) | 38 (0.8) | 33 (0.7) |
| * Pakistan | 21 (1.1) | 20 (1.1) | 23 (1.4) | 22 (0.7) | 24 (1.2) | 21 (1.2) | 18 (0.9) |
| * Philippines | 20 (0.5) | 18 (0.5) | 21 (0.6) | 21 (0.5) | 22 (0.6) | 20 (0.5) | 16 (0.4) |
| Poland | 55 (0.5) | 54 (0.5) | 56 (0.6) | 53 (0.6) | 56 (0.5) | 58 (0.5) | 47 (0.7) |
| Saudi Arabia | 34 (0.5) | 32 (0.5) | 37 (0.6) | 32 (0.5) | 39 (0.6) | 33 (0.5) | 25 (0.5) |
| Serbia | 52 (0.7) | 52 (0.7) | 56 (0.8) | 45 (0.8) | 53 (0.6) | 55 (0.8) | 45 (0.7) |
| * South Africa (5) | 25 (0.6) | 24 (0.6) | 26 (0.6) | 26 (0.5) | 27 (0.7) | 25 (0.6) | 21 (0.5) |
| International Average | 43 (0.1) | 41 (0.1) | 45 (0.1) | 41 (0.1) | 46 (0.1) | 43 (0.1) | 37 (0.1) |

$\Psi$ Reservations about reliability because the percentage of students with achievement too low for estimation exceeds $15 \%$ but does not exceed $25 \%$.
Ж Reservations about reliability because the percentage of students with achievement too low for estimation exceeds $25 \%$.
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