Appendix table 1-9 **Average mathematics score of fourth grade students, by country: 2003**

International average 495 Singapore 594 Hong Kong, China 575 Japan 565 Chinese Taipei 564 Belgium 551 Netherlands 540 Latvia 536 Lithuania 534 Russian Federation 532 England 531 Hungary 529 United States 518 Cyprus 510 Moldova 504 Italy 503 Australia 499 New Zealand 493 Scotland 490 Slovenia 479 Armenia 456 Norway 451 Iran 389 Philippines 358 Morocco 347 Tunisia 339	Country	Score
Hong Kong, China 575 Japan 565 Chinese Taipei 564 Belgium 551 Netherlands 540 Latvia 536 Lithuania 534 Russian Federation 532 England 531 Hungary 529 United States 518 Cyprus 510 Moldova 504 Italy 503 Australia 499 New Zealand 493 Scotland 490 Slovenia 479 Armenia 456 Norway 451 Iran 389 Philippines 358 Morocco 347	International average	495
Hong Kong, China 575 Japan 565 Chinese Taipei 564 Belgium 551 Netherlands 540 Latvia 536 Lithuania 534 Russian Federation 532 England 531 Hungary 529 United States 518 Cyprus 510 Moldova 504 Italy 503 Australia 499 New Zealand 493 Scotland 490 Slovenia 479 Armenia 456 Norway 451 Iran 389 Philippines 358 Morocco 347	Singapore	594
Japan 565 Chinese Taipei 564 Belgium 551 Netherlands 540 Latvia 536 Lithuania 534 Russian Federation 532 England 531 Hungary 529 United States 518 Cyprus 510 Moldova 504 Italy 503 Australia 499 New Zealand 493 Scotland 490 Slovenia 479 Armenia 456 Norway 451 Iran 389 Philippines 358 Morocco 347		575
Chinese Taipei 564 Belgium 551 Netherlands 540 Latvia 536 Lithuania 534 Russian Federation 532 England 531 Hungary 529 United States 518 Cyprus 510 Moldova 504 Italy 503 Australia 499 New Zealand 493 Scotland 490 Slovenia 479 Armenia 456 Norway 451 Iran 389 Philippines 358 Morocco 347		565
Belgium 551 Netherlands 540 Latvia 536 Lithuania 534 Russian Federation 532 England 531 Hungary 529 United States 518 Cyprus 510 Moldova 504 Italy 503 Australia 499 New Zealand 493 Scotland 490 Slovenia 479 Armenia 456 Norway 451 Iran 389 Philippines 358 Morocco 347		564
Netherlands 540 Latvia 536 Lithuania 534 Russian Federation 532 England 531 Hungary 529 United States 518 Cyprus 510 Moldova 504 Italy 503 Australia 499 New Zealand 493 Scotland 490 Slovenia 479 Armenia 456 Norway 451 Iran 389 Philippines 358 Morocco 347	·	551
Latvia 536 Lithuania 534 Russian Federation 532 England 531 Hungary 529 United States 518 Cyprus 510 Moldova 504 Italy 503 Australia 499 New Zealand 493 Scotland 490 Slovenia 479 Armenia 456 Norway 451 Iran 389 Philippines 358 Morocco 347		540
Russian Federation 532 England 531 Hungary 529 United States 518 Cyprus 510 Moldova 504 Italy 503 Australia 499 New Zealand 493 Scotland 490 Slovenia 479 Armenia 456 Norway 451 Iran 389 Philippines 358 Morocco 347	Latvia	536
England 531 Hungary 529 United States 518 Cyprus 510 Moldova 504 Italy 503 Australia 499 New Zealand 493 Scotland 490 Slovenia 479 Armenia 456 Norway 451 Iran 389 Philippines 358 Morocco 347	Lithuania	534
England 531 Hungary 529 United States 518 Cyprus 510 Moldova 504 Italy 503 Australia 499 New Zealand 493 Scotland 490 Slovenia 479 Armenia 456 Norway 451 Iran 389 Philippines 358 Morocco 347		532
United States 518 Cyprus 510 Moldova 504 Italy 503 Australia 499 New Zealand 493 Scotland 490 Slovenia 479 Armenia 456 Norway 451 Iran 389 Philippines 358 Morocco 347		531
Cyprus 510 Moldova 504 Italy 503 Australia 499 New Zealand 493 Scotland 490 Slovenia 479 Armenia 456 Norway 451 Iran 389 Philippines 358 Morocco 347	Hungary	529
Cyprus 510 Moldova 504 Italy 503 Australia 499 New Zealand 493 Scotland 490 Slovenia 479 Armenia 456 Norway 451 Iran 389 Philippines 358 Morocco 347	United States	518
Italy 503 Australia 499 New Zealand 493 Scotland 490 Slovenia 479 Armenia 456 Norway 451 Iran 389 Philippines 358 Morocco 347		510
Italy 503 Australia 499 New Zealand 493 Scotland 490 Slovenia 479 Armenia 456 Norway 451 Iran 389 Philippines 358 Morocco 347	Moldova	504
New Zealand 493 Scotland 490 Slovenia 479 Armenia 456 Norway 451 Iran 389 Philippines 358 Morocco 347		503
New Zealand 493 Scotland 490 Slovenia 479 Armenia 456 Norway 451 Iran 389 Philippines 358 Morocco 347	Australia	499
Scotland 490 Slovenia 479 Armenia 456 Norway 451 Iran 389 Philippines 358 Morocco 347		493
Armenia 456 Norway 451 Iran 389 Philippines 358 Morocco 347		490
Norway 451 Iran 389 Philippines 358 Morocco 347	Slovenia	479
Iran 389 Philippines 358 Morocco 347	Armenia	456
Philippines 358 Morocco 347	Norway	451
Morocco	Iran	389
	Philippines	358
Tunisia	Morocco	347
	Tunisia	339

Average higher than U.S. average Average lower than U.S. average

SOURCES: P. Gonzales, J.C. Guzman, L. Partelow, E. Pahlke, L. Jocelyn, D. Kastberg, and T. Williams, *High-lights From the Trends in International Mathematics and Science Study (TIMSS) 2003*, U.S. Department of Education, National Center for Education Statistics, NCES 2005-005 table 2, (2004); and data from International Association for the Evaluation of Educational Achievement, *Trends in International Mathematics and Science Study (TIMSS)* (2003).

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